

ENSEMBL name	type	chr	start	end	str	GapCTR_B:	GapCTR_B:
ENSG0000(TSPAN6	protein_co	chrX	1.01E+08	1.01E+08	-	13.2	13.57
ENSG0000(TNMD	protein_co	chrX	1.01E+08	1.01E+08	+	0	0
ENSG0000(DPM1	protein_co	chr20	50934867	50958555	-	18.71	18.74
ENSG0000(SCYL3	protein_co	chr1	1.7E+08	1.7E+08	-	3.55	3.6
ENSG0000(C1orf112	protein_co	chr1	1.7E+08	1.7E+08	+	0.66	0.96
ENSG0000(FGR	protein_co	chr1	27612064	27635277	-	0	0
ENSG0000(CFH	protein_co	chr1	1.97E+08	1.97E+08	+	155.1	134.15
ENSG0000(FUCA2	protein_co	chr6	1.43E+08	1.44E+08	-	54.13	55.06
ENSG0000(GCLC	protein_co	chr6	53497341	53616970	-	7.19	13.33
ENSG0000(NFYA	protein_co	chr6	41072945	41099976	+	6.61	5.75
ENSG0000(STPG1	protein_co	chr1	24356999	24416934	-	4.09	3.96
ENSG0000(NIPAL3	protein_co	chr1	24415794	24472976	+	16.86	17.69
ENSG0000(LAS1L	protein_co	chrX	65512582	65534775	-	9.52	9.32
ENSG0000(ENPP4	protein_co	chr6	46129993	46146699	+	0.05	0
ENSG0000(SEMA3F	protein_co	chr3	50155045	50189075	+	6.18	7.93
ENSG0000(CFTR	protein_co	chr7	1.17E+08	1.18E+08	+	0	0
ENSG0000(ANKIB1	protein_co	chr7	92246234	92401384	+	19.32	23.21
ENSG0000(CYP51A1	protein_co	chr7	92112151	92142952	-	22.96	24.25
ENSG0000(KRIT1	protein_co	chr7	92198969	92246166	-	11.86	14.83
ENSG0000(RAD52	protein_co	chr12	912077	990053	-	4.4	5.82
ENSG0000(MYH16	transcribec	chr7	99238794	99311130	+	0.04	0
ENSG0000(BAD	protein_co	chr11	64269830	64284704	-	65.13	58.18
ENSG0000(LAP3	protein_co	chr4	17577192	17607972	+	32.54	31.11
ENSG0000(CD99	protein_co	chrX	2691179	2741309	+	267.08	271.47
ENSG0000(CD99	protein_co	chrY	2691179	2741309	+	267.08	271.47
ENSG0000(HS3ST1	protein_co	chr4	11393150	11429765	-	0.03	0
ENSG0000(AOC1	protein_co	chr7	1.51E+08	1.51E+08	+	0	0
ENSG0000(WNT16	protein_co	chr7	1.21E+08	1.21E+08	+	0	0
ENSG0000(HECW1	protein_co	chr7	43112599	43566001	+	0	0.03
ENSG0000(MAD1L1	protein_co	chr7	1815793	2233243	-	9.24	9.19
ENSG0000(LASP1	protein_co	chr17	38869859	38921770	+	80.15	78.64
ENSG0000(SNX11	protein_co	chr17	48103357	48123074	+	8.6	8.25
ENSG0000(TMEM176A	protein_co	chr7	1.51E+08	1.51E+08	+	0	0
ENSG0000(M6PR	protein_co	chr12	8940363	8949955	-	76.05	84.71
ENSG0000(KLHL13	protein_co	chrX	1.18E+08	1.18E+08	-	0.35	0.31
ENSG0000(CYP26B1	protein_co	chr2	72129238	72148038	-	0.49	0.44
ENSG0000(ICA1	protein_co	chr7	8113184	8262687	-	0.08	0
ENSG0000(DBNDD1	protein_co	chr16	90004865	90020128	-	5.39	6.29
ENSG0000(ALS2	protein_co	chr2	2.02E+08	2.02E+08	-	10.79	8.78
ENSG0000(CASP10	protein_co	chr2	2.01E+08	2.01E+08	+	3.26	2.62
ENSG0000(CFLAR	protein_co	chr2	2.01E+08	2.01E+08	+	19.84	18.51
ENSG0000(TFPI	protein_co	chr2	1.87E+08	1.88E+08	-	47.79	37.77
ENSG0000(NDUFAF7	protein_co	chr2	37231631	37253403	+	10.09	10.56
ENSG0000(RBM5	protein_co	chr3	50088908	50119021	+	68.22	66.61

ENSG0000(MTMR7	protein_co chr8	17298030	17413528	-	0.38	0.34
ENSG0000(SLC7A2	protein_co chr8	17497088	17570573	+	22.73	16.55
ENSG0000(ARF5	protein_co chr7	1.28E+08	1.28E+08	+	87.51	90.79
ENSG0000(SARM1	protein_co chr17	28364356	28404049	+	7.03	6.99
ENSG0000(POLDIP2	protein_co chr17	28347177	28357522	-	34.35	32.3
ENSG0000(PLXND1	protein_co chr3	1.3E+08	1.3E+08	-	41.41	52.47
ENSG0000(AK2	protein_co chr1	33007940	33080996	-	57.85	54.07
ENSG0000(CD38	protein_co chr4	15778275	15853230	+	0.97	0.16
ENSG0000(FKBP4	protein_co chr12	2794953	2805423	+	12.92	12.67
ENSG0000(KDM1A	protein_co chr1	23019448	23083689	+	21.53	23.17
ENSG0000(RBM6	protein_co chr3	49940007	50100045	+	19.14	22.03
ENSG0000(CAMKK1	protein_co chr17	3860315	3894891	-	5.04	4.94
ENSG0000(RECQL	protein_co chr12	21468911	21501669	-	12.16	11.92
ENSG0000(VPS50	protein_co chr7	93232340	93361121	+	9.84	8.94
ENSG0000(HSPB6	protein_co chr19	35754569	35758079	-	39.58	55.35
ENSG0000(ARHGAP33	protein_co chr19	35774532	35788822	+	2.24	2.66
ENSG0000(NDUFAB1	protein_co chr16	23581002	23596356	-	24.99	22.74
ENSG0000(PDK4	protein_co chr7	95583499	95596491	-	0.83	1.4
ENSG0000(SLC22A16	protein_co chr6	1.1E+08	1.1E+08	-	0.06	0
ENSG0000(ZMYND10	protein_co chr3	50341110	50346852	-	1.2	1.72
ENSG0000(ABCB5	protein_co chr7	20615207	20777038	+	0.06	0
ENSG0000(ARX	protein_co chrX	25003694	25016420	-	0	0
ENSG0000(SLC25A13	protein_co chr7	96120220	96322147	-	6.8	5.78
ENSG0000(ST7	protein_co chr7	1.17E+08	1.17E+08	+	10.03	13.21
ENSG0000(CDC27	protein_co chr17	47117703	47189422	-	26.94	34.77
ENSG0000(SLC4A1	protein_co chr17	44248385	44268141	-	0.12	0.04
ENSG0000(CALCR	protein_co chr7	93424487	93574730	-	0	0
ENSG0000(HCCS	protein_co chrX	11111301	11123078	+	11.17	13.78
ENSG0000(DVL2	protein_co chr17	7225341	7234545	-	26.91	30.58
ENSG0000(PRSS22	protein_co chr16	2852727	2858170	-	0	0.06
ENSG0000(UPF1	protein_co chr19	18831938	18868236	+	18.26	19.59
ENSG0000(SKAP2	protein_co chr7	26667062	26995239	-	3.18	3.82
ENSG0000(SLC25A5	protein_co chrX	1.19E+08	1.19E+08	+	88.91	92.04
ENSG0000(MCUB	protein_co chr4	1.1E+08	1.1E+08	+	8.43	7.91
ENSG0000(HOXA11	protein_co chr7	27181510	27185223	-	0	0
ENSG0000(POLR2J	protein_co chr7	1.02E+08	1.02E+08	-	31.8	30.46
ENSG0000(DHX33	protein_co chr17	5440912	5469060	-	4.94	4.81
ENSG0000(MEOX1	protein_co chr17	43640388	43661954	-	0.54	0.44
ENSG0000(THSD7A	protein_co chr7	11370357	11832198	-	0.6	0.04
ENSG0000(LIG3	protein_co chr17	34980494	35009743	+	4.71	4.95
ENSG0000(RPAP3	protein_co chr12	47661249	47706061	-	7.61	9.06
ENSG0000(ACSM3	protein_co chr16	20610243	20797581	+	0.34	0.75
ENSG0000(AC004381.	protein_co chr16	20806429	20849668	+	1.2	1.82
ENSG0000(CIAPIN1	protein_co chr16	57428169	57447528	-	15.35	15.21
ENSG0000(SPPL2B	protein_co chr19	2328615	2354806	+	18.37	18.08

ENSG0000(FAM214B	protein_co chr9	35104112	35116341 -	17.99	16.97
ENSG0000(COPZ2	protein_co chr17	48026167	48038030 -	58.71	62.87
ENSG0000(PRKAR2B	protein_co chr7	1.07E+08	1.07E+08 +	0.11	0.14
ENSG0000(MSL3	protein_co chrX	11758159	11775753 +	11.64	14.77
ENSG0000(CREBBP	protein_co chr16	3725054	3880726 -	14.96	15.38
ENSG0000(TSPOAP1	protein_co chr17	58301228	58328760 -	0.28	0.22
ENSG0000(MPO	protein_co chr17	58269856	58280935 -	0.16	0
ENSG0000(PON1	protein_co chr7	95297676	95324707 -	0	0
ENSG0000(GCFC2	protein_co chr2	75652000	75710989 -	4.66	3.9
ENSG0000(WDR54	protein_co chr2	74421678	74425755 +	20.87	18.83
ENSG0000(CROT	protein_co chr7	87345681	87399795 +	10.93	12
ENSG0000(ABCB4	protein_co chr7	87401697	87480435 -	0	0
ENSG0000(KMT2E	protein_co chr7	1.05E+08	1.05E+08 +	17.46	20.11
ENSG0000(RHBDD2	protein_co chr7	75842602	75888926 +	35.76	37.67
ENSG0000(SOX8	protein_co chr16	981808	986979 +	0.02	0.1
ENSG0000(IBTK	protein_co chr6	82169983	82247754 -	11.42	11.46
ENSG0000(ZNF195	protein_co chr11	3339261	3379222 -	4.31	4.87
ENSG0000(MYCBP2	protein_co chr13	77044655	77327050 -	13.84	12.52
ENSG0000(FBXL3	protein_co chr13	76992598	77027195 -	13.6	15.32
ENSG0000(ITGAL	protein_co chr16	30472658	30523185 +	0	0
ENSG0000(PDK2	protein_co chr17	50094737	50112152 +	32.75	31.58
ENSG0000(ITGA3	protein_co chr17	50055968	50090481 +	18.65	16.92
ENSG0000(ZFX	protein_co chrX	24149173	24216255 +	6.76	7.19
ENSG0000(LAMP2	protein_co chrX	1.2E+08	1.2E+08 -	162.87	157.22
ENSG0000(ITGA2B	protein_co chr17	44372180	44389505 -	0.25	0.25
ENSG0000(ASB4	protein_co chr7	95478444	95540232 +	0	0
ENSG0000(GDE1	protein_co chr16	19501689	19522145 -	32.05	36.95
ENSG0000(C19orf60	protein_co chr19	18588685	18592336 +	28.11	31.85
ENSG0000(CRLF1	protein_co chr19	18572220	18607741 -	141.13	127.05
ENSG0000(OSBPL7	protein_co chr17	47807372	47821834 -	4.07	3.31
ENSG0000(TMEM98	protein_co chr17	32927910	32945106 +	41.17	39.6
ENSG0000(YBX2	protein_co chr17	7288252	7294615 -	0	0.26
ENSG0000(KRT33A	protein_co chr17	41346092	41350812 -	0	0
ENSG0000(MAP3K14	protein_co chr17	45263121	45317040 -	4	5.07
ENSG0000(ABCC8	protein_co chr11	17392885	17476845 -	0	0
ENSG0000(CACNG3	protein_co chr16	24255553	24362801 +	0	0
ENSG0000(TMEM132A	protein_co chr11	60924463	60937159 +	80.01	76.73
ENSG0000(AP2B1	protein_co chr17	35578046	35726409 +	49.83	50.67
ENSG0000(TAC1	protein_co chr7	97731908	97740472 +	0	0
ENSG0000(ZNF263	protein_co chr16	3263800	3301401 +	13.49	15.66
ENSG0000(CX3CL1	protein_co chr16	57372458	57385048 +	0.11	0.15
ENSG0000(SPATA20	protein_co chr17	50543058	50555852 +	37.33	41.28
ENSG0000(CACNA1G	protein_co chr17	50561068	50627474 +	0.09	0.06
ENSG0000(TNFRSF12A	protein_co chr16	3018445	3022383 +	59.67	58.18
ENSG0000(DLX6	protein_co chr7	97005548	97011039 +	0	0

ENSG00000100000	MAP3K9	protein_co chr14	70722526	70809534	-	0.03	0.05
ENSG00000100000	RALA	protein_co chr7	39623483	39708124	+	46.62	50.33
ENSG00000100000	BAIAP2L1	protein_co chr7	98291651	98401068	-	0.98	0.52
ENSG00000100000	KDM7A	protein_co chr7	1.4E+08	1.4E+08	-	3.59	4.55
ENSG00000100000	ETV1	protein_co chr7	13891228	13991425	-	3.44	3.32
ENSG00000100000	AGK	protein_co chr7	1.42E+08	1.42E+08	+	6.73	6.18
ENSG00000100000	ALDH3B1	protein_co chr11	68008578	68029282	+	16.03	16.82
ENSG00000100000	TTC22	protein_co chr1	54779712	54801267	-	0	0
ENSG00000100000	PHTF2	protein_co chr7	77798792	77957503	+	9.75	8.9
ENSG00000100000	CCL26	protein_co chr7	75769533	75789896	-	5.72	6.9
ENSG00000100000	FARP2	protein_co chr2	2.41E+08	2.41E+08	+	10.15	13.06
ENSG00000100000	USH1C	protein_co chr11	17493895	17544416	-	0	0
ENSG00000100000	GGCT	protein_co chr7	30496621	30504844	-	13.42	12.84
ENSG00000100000	DBF4	protein_co chr7	87876216	87909541	+	2.16	2.13
ENSG00000100000	TBXA2R	protein_co chr19	3594506	3606840	-	3.41	3.46
ENSG00000100000	IFRD1	protein_co chr7	1.12E+08	1.12E+08	+	26.55	24.97
ENSG00000100000	LGALS14	protein_co chr19	39704306	39709444	+	0	0
ENSG00000100000	COX10	protein_co chr17	14069496	14208677	+	4.17	3.08
ENSG00000100000	GTF2IRD1	protein_co chr7	74453790	74602604	+	5.82	4.62
ENSG00000100000	PAF1	protein_co chr19	39385852	39391195	-	26.22	23.05
ENSG00000100000	VPS41	protein_co chr7	38722963	38932394	-	38.42	41.64
ENSG00000100000	ARHGAP44	protein_co chr17	12789539	12991643	+	0.39	0.12
ENSG00000100000	ELAC2	protein_co chr17	12992391	13018187	-	13.23	12.81
ENSG00000100000	SCIN	protein_co chr7	12570577	12660179	+	0.04	0.28
ENSG00000100000	ARSD	protein_co chrX	2903970	2929351	-	7.82	8.62
ENSG00000100000	PNPLA4	protein_co chrX	7898247	7927739	-	8.07	5.71
ENSG00000100000	MYH13	protein_co chr17	10300865	10373130	-	0	0
ENSG00000100000	ADIPOR2	protein_co chr12	1688574	1788678	+	19.93	21.47
ENSG00000100000	CDKL3	protein_co chr5	1.34E+08	1.34E+08	-	1.59	2.16
ENSG00000100000	UPP2	protein_co chr2	1.58E+08	1.58E+08	+	0	0
ENSG00000100000	PRSS21	protein_co chr16	2817180	2826304	+	0	0
ENSG00000100000	MARK4	protein_co chr19	45079288	45305283	+	19.06	19.16
ENSG00000100000	PROM1	protein_co chr4	15963076	16084378	-	0	0
ENSG00000100000	CCDC124	protein_co chr19	17933016	17943991	+	33.84	32.43
ENSG00000100000	CEACAM21	protein_co chr19	41549518	41586844	+	0	0
ENSG00000100000	PAFAH1B1	protein_co chr17	2593210	2685615	+	44.43	47.07
ENSG00000100000	NOS2	protein_co chr17	27756766	27800499	-	0	0
ENSG00000100000	DNAH9	protein_co chr17	11598431	11969748	+	0.03	0.06
ENSG00000100000	KIAA0100	protein_co chr17	28614440	28645454	-	35.02	33.83
ENSG00000100000	SLC13A2	protein_co chr17	28473293	28497781	+	0	0
ENSG00000100000	GAS7	protein_co chr17	9910609	10198551	-	0.56	0.96
ENSG00000100000	TRAPPC6A	protein_co chr19	45162928	45178237	-	14.63	13.89
ENSG00000100000	MATK	protein_co chr19	3777970	3802129	-	0	0
ENSG00000100000	CEACAM7	protein_co chr19	41673307	41706976	-	0	0
ENSG00000100000	CD79B	protein_co chr17	63928740	63932354	-	0	0.23

ENSG0000(SCN4A	protein_co chr17	63938554	63972918	-	0	0
ENSG0000(ST7L	protein_co chr1	1.13E+08	1.13E+08	-	5.88	6.9
ENSG0000(TKTL1	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(PAX6	protein_co chr11	31784779	31818062	-	0.08	0
ENSG0000(RPUSD1	protein_co chr16	784974	788397	-	9.9	11.3
ENSG0000(RHBDF1	protein_co chr16	58059	76355	-	22.34	24.59
ENSG0000(LUC7L	protein_co chr16	188969	229463	-	16.23	18.5
ENSG0000(CACNA2D2	protein_co chr3	50362799	50504244	-	0.07	0.02
ENSG0000(BAIAP3	protein_co chr16	1333601	1349441	+	0.34	0.15
ENSG0000(TSR3	protein_co chr16	1349240	1351911	-	26.36	25.41
ENSG0000(PIGQ	protein_co chr16	566995	584136	+	16.41	16.87
ENSG0000(CRAMP1	protein_co chr16	1612325	1677908	+	6.93	4.86
ENSG0000(TEAD3	protein_co chr6	35473597	35497076	-	21.38	26.92
ENSG0000(SELE	protein_co chr1	1.7E+08	1.7E+08	-	0	0
ENSG0000(DNAJC11	protein_co chr1	6634168	6701924	-	15.42	16.37
ENSG0000(FMO3	protein_co chr1	1.71E+08	1.71E+08	+	0.53	0.7
ENSG0000(MYLIP	protein_co chr6	16129125	16148248	+	3.23	4
ENSG0000(NOX1	protein_co chrX	1.01E+08	1.01E+08	-	0.1	0
ENSG0000(E2F2	protein_co chr1	23506430	23531220	-	0.01	0
ENSG0000(PSMB1	protein_co chr6	1.71E+08	1.71E+08	-	98	93.13
ENSG0000(SYN1	protein_co chrX	47571898	47619943	-	0.29	0.42
ENSG0000(JARID2	protein_co chr6	15246296	15522040	+	3.72	4.27
ENSG0000(CDKL5	protein_co chrX	18425583	18653629	+	2.46	2.21
ENSG0000(CAMK1G	protein_co chr1	2.1E+08	2.1E+08	+	0.08	0.38
ENSG0000(CDK11A	protein_co chr1	1702730	1724324	-	14.34	14.02
ENSG0000(NADK	protein_co chr1	1751232	1780457	-	21.91	24.96
ENSG0000(TFAP2B	protein_co chr6	50818723	50847613	+	0	0
ENSG0000(TFAP2D	protein_co chr6	50713828	50772988	+	0.2	0.2
ENSG0000(DLEC1	protein_co chr3	38039205	38124025	+	0.17	0.81
ENSG0000(CYTH3	protein_co chr7	6161776	6272644	-	14.78	13.9
ENSG0000(ADAM22	protein_co chr7	87934143	88202889	+	0.38	0.03
ENSG0000(SYPL1	protein_co chr7	1.06E+08	1.06E+08	-	40.84	39.69
ENSG0000(CYB561	protein_co chr17	63432304	63446378	-	22.99	20.86
ENSG0000(SPAG9	protein_co chr17	50962174	51120865	-	25.38	27.24
ENSG0000(CELSR3	protein_co chr3	48636469	48662915	-	0.27	0.79
ENSG0000(AASS	protein_co chr7	1.22E+08	1.22E+08	-	6.23	6.66
ENSG0000(PLEKHG6	protein_co chr12	6310436	6328506	+	0	0
ENSG0000(SS18L2	protein_co chr3	42581840	42595114	+	10.05	7.97
ENSG0000(MPND	protein_co chr19	4343527	4360086	+	5.83	7.03
ENSG0000(MGST1	protein_co chr12	16347142	16609259	+	292	270.48
ENSG0000(CRY1	protein_co chr12	1.07E+08	1.07E+08	-	4.38	8.26
ENSG0000(PGLYRP1	protein_co chr19	46019153	46023065	-	0	0
ENSG0000(NFIX	protein_co chr19	12995608	13098796	+	94.42	101.99
ENSG0000(ST3GAL1	protein_co chr8	1.33E+08	1.34E+08	-	65.42	65.17
ENSG0000(MMP25	protein_co chr16	3046681	3060726	+	0.09	0.05

ENSG0000011132	protein_co chr16	3065297	3082192	+	40.38	35.27
ENSG0000011132	protein_co chr16	2088710	2135898	-	70.92	67.65
ENSG0000011132	protein_co chr22	50600685	50613981	+	0.37	0.49
ENSG0000011132	protein_co chr17	40019097	40061215	-	16.24	16.96
ENSG0000011132	protein_co chr8	22987417	23020199	+	7.13	4.45
ENSG0000011132	protein_co chr2	36968383	37084342	-	6.14	5.29
ENSG0000011132	protein_co chr3	1.7E+08	1.7E+08	+	48.95	51.92
ENSG0000011132	protein_co chr8	56067295	56074581	-	858	845.94
ENSG0000011132	protein_co chr1	1.15E+08	1.15E+08	-	155.05	151.67
ENSG0000011132	protein_co chr7	1.57E+08	1.57E+08	+	15.56	15.81
ENSG0000011132	protein_co chr6	1.11E+08	1.11E+08	-	24.23	23.21
ENSG0000011132	protein_co chrX	1.24E+08	1.25E+08	-	0	0
ENSG0000011132	protein_co chr1	18631006	18748866	+	0	0
ENSG0000011132	protein_co chr1	11026523	11047233	-	0	0
ENSG0000011132	protein_co chr6	1.5E+08	1.5E+08	+	0.09	0.02
ENSG0000011132	protein_co chr1	27725979	27763122	+	5.14	4.28
ENSG0000011132	protein_co chr1	2.1E+08	2.1E+08	+	0.15	0
ENSG0000011132	protein_co chr14	77274956	77320884	-	9.93	8.46
ENSG0000011132	protein_co chr6	1.42E+08	1.42E+08	+	21.18	21.47
ENSG0000011132	protein_co chr7	73593194	73624543	-	0.54	0.26
ENSG0000011132	protein_co chr7	73440398	73522278	-	22.02	21.6
ENSG0000011132	protein_co chr6	13621498	13711564	-	23.68	22.85
ENSG0000011132	protein_co chr6	36354091	36387800	-	1.38	1.73
ENSG0000011132	protein_co chr1	2.31E+08	2.31E+08	+	3.11	3.04
ENSG0000011132	protein_co chr1	1.72E+08	1.72E+08	+	11	8.19
ENSG0000011132	protein_co chr12	4562204	4615302	+	11.36	17.01
ENSG0000011132	protein_co chr17	32350117	32381886	+	49.39	47.52
ENSG0000011132	protein_co chr3	48599002	48610976	-	67.96	79.69
ENSG0000011132	protein_co chr7	38178222	38230671	+	18.14	19.57
ENSG0000011132	protein_co chr12	6199715	6238271	+	206.98	191.88
ENSG0000011132	protein_co chr3	42692663	42702827	-	0	0
ENSG0000011132	protein_co chr12	6493356	6531955	+	14.6	14.02
ENSG0000011132	protein_co chr12	6538375	6556083	-	17.97	22.66
ENSG0000011132	protein_co chr19	45668244	45683724	+	0.5	0.45
ENSG0000011132	protein_co chr3	52410657	52423641	+	3.09	3.5
ENSG0000011132	protein_co chr3	52433053	52445085	-	0.08	0.1
ENSG0000011132	protein_co chr3	52455118	52493071	+	37.45	40.62
ENSG0000011132	protein_co chr3	52495338	52524495	+	0.01	0.22
ENSG0000011132	protein_co chr19	49806869	49817376	-	9.33	8.99
ENSG0000011132	protein_co chr12	220621	262873	-	0.39	0.03
ENSG0000011132	protein_co chrX	1.49E+08	1.5E+08	-	26.17	25.45
ENSG0000011132	protein_co chr9	33750466	33799231	+	19.97	18.78
ENSG0000011132	protein_co chr16	3222325	3236221	-	3.43	2
ENSG0000011132	protein_co chr12	6786858	6820808	+	0.31	0.82
ENSG0000011132	protein_co chr12	6873569	6914243	+	5.92	6.98

ENSG0000(BTK	protein_co chrX	1.01E+08	1.01E+08	-	0	0.05
ENSG0000(HFE	protein_co chr6	26087281	26098343	+	14.34	14.24
ENSG0000(SCMH1	protein_co chr1	41027200	41242154	-	17.97	18.47
ENSG0000(FYN	protein_co chr6	1.12E+08	1.12E+08	-	56.8	57.76
ENSG0000(HIVEP2	protein_co chr6	1.43E+08	1.43E+08	-	7.16	8.58
ENSG0000(FMO1	protein_co chr1	1.71E+08	1.71E+08	+	0.37	0.7
ENSG0000(ELOA	protein_co chr1	23743155	23762059	+	13.77	14.6
ENSG0000(LYPLA2	protein_co chr1	23790970	23795539	+	19.27	20.36
ENSG0000(CLCN6	protein_co chr1	11806096	11843144	+	9.26	8.1
ENSG0000(MRC2	protein_co chr17	62627401	62693597	+	278.1	252.12
ENSG0000(NME1-NM	protein_co chr17	51153590	51171744	+	12.8	12.19
ENSG0000(SLC6A7	protein_co chr5	1.5E+08	1.5E+08	+	0	0
ENSG0000(TSPAN9	protein_co chr12	3077355	3286564	+	15.8	16.31
ENSG0000(BTBD7	protein_co chr14	93237550	93333092	-	11.47	9.64
ENSG0000(APBA3	protein_co chr19	3750819	3761699	-	12.59	11.64
ENSG0000(MKS1	protein_co chr17	58205437	58219605	-	8.35	7.62
ENSG0000(ABHD5	protein_co chr3	43690113	43734371	+	21.54	22.58
ENSG0000(ANOS1	protein_co chrX	8528874	8732186	-	0.08	0.26
ENSG0000(AKAP8L	protein_co chr19	15380048	15419141	-	26.18	24.63
ENSG0000(MBTD1	protein_co chr17	51177425	51260163	-	3.48	3.97
ENSG0000(UTP18	protein_co chr17	51260528	51297936	+	11.56	13.64
ENSG0000(RNF216	protein_co chr7	5620047	5781739	-	13.36	14.02
ENSG0000(TTC19	protein_co chr17	15999380	16045015	+	12.3	12.9
ENSG0000(PTBP1	protein_co chr19	797075	812327	+	68.53	75.26
ENSG0000(DPF1	protein_co chr19	38211006	38229714	-	0	0.29
ENSG0000(SYT7	protein_co chr11	61515313	61581148	-	1.7	3.57
ENSG0000(LARS2	protein_co chr3	45388506	45549421	+	3.84	4.4
ENSG0000(PIK3C2A	protein_co chr11	17077730	17207983	-	11.64	14.84
ENSG0000(PLAUR	protein_co chr19	43646095	43670547	-	39.73	34.45
ENSG0000(ANLN	protein_co chr7	36389806	36453791	+	1.26	1.63
ENSG0000(WIZ	protein_co chr19	15419980	15449951	-	21.46	20.8
ENSG0000(RABGAP1	protein_co chr9	1.23E+08	1.23E+08	+	17.53	16.29
ENSG0000(DCN	protein_co chr12	91140484	91183123	-	3536.27	3444.27
ENSG0000(QPCTL	protein_co chr19	45692483	45703989	+	6.38	6.14
ENSG0000(PPP5C	protein_co chr19	46346994	46392981	+	21.47	21.53
ENSG0000(CEP68	protein_co chr2	65056366	65087004	+	4.02	4.04
ENSG0000(MAP4K3	protein_co chr2	39249266	39437312	-	9.64	9.71
ENSG0000(ZBTB32	protein_co chr19	35704527	35717038	+	0	0.11
ENSG0000(TYROBP	protein_co chr19	35904401	35908295	-	0	0
ENSG0000(TMEM159	protein_co chr16	21158377	21180616	+	30.31	29.58
ENSG0000(GABRA3	protein_co chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000(BRCA1	protein_co chr17	43044295	43170245	-	2.24	2.35
ENSG0000(ERCC1	protein_co chr19	45407333	45478828	-	40.47	41.72
ENSG0000(CD22	protein_co chr19	35319261	35347355	+	0	0
ENSG0000(SEMA3B	protein_co chr3	50267558	50277546	+	15.01	16.67

ENSG00000108000	MBTPS2	protein_co chrX	21839636	21885424	+	8.27	8.32
ENSG00000108000	PRICKLE3	protein_co chrX	49175264	49186528	-	4.18	4.48
ENSG00000108000	LTF	protein_co chr3	46435645	46485234	-	2.7	2.93
ENSG00000108000	EXTL3	protein_co chr8	28600469	28755599	+	9.84	8.71
ENSG00000108000	NR1H4	protein_co chr12	1E+08	1.01E+08	+	0	0
ENSG00000108000	ELOVL5	protein_co chr6	53267398	53349179	-	39.83	40.2
ENSG00000108000	ALOX5	protein_co chr10	45374176	45446119	+	0.03	0
ENSG00000108000	KDM5D	protein_co chrY	19703865	19744939	-	11.79	12.27
ENSG00000108000	CALCOCO1	protein_co chr12	53708517	53727745	-	92.28	93.57
ENSG00000108000	UBR7	protein_co chr14	93207056	93229215	+	6.31	5.21
ENSG00000108000	MAP4K5	protein_co chr14	50418501	50561126	-	9.15	12.26
ENSG00000108000	EHD3	protein_co chr2	31234337	31269447	+	6.17	5.98
ENSG00000108000	PSMC4	protein_co chr19	39971005	39981441	+	30.42	30.56
ENSG00000108000	MAN2B2	protein_co chr4	6575175	6623362	+	25.42	26.71
ENSG00000108000	SLC7A14	protein_co chr3	1.7E+08	1.71E+08	-	0.1	0.11
ENSG00000108000	CLDN11	protein_co chr3	1.7E+08	1.71E+08	+	66.99	60.85
ENSG00000108000	SLC25A39	protein_co chr17	44319625	44324870	-	35.14	39.21
ENSG00000108000	MVP	protein_co chr16	29820394	29848039	+	132.68	126.8
ENSG00000108000	NUB1	protein_co chr7	1.51E+08	1.51E+08	+	26.35	27.94
ENSG00000108000	PGM3	protein_co chr6	83161150	83193936	-	31.21	36.19
ENSG00000108000	RWDD2A	protein_co chr6	83193379	83198932	+	4.41	4.41
ENSG00000108000	CLK1	protein_co chr2	2.01E+08	2.01E+08	-	29.87	29.53
ENSG00000108000	POLR3B	protein_co chr12	1.06E+08	1.07E+08	+	3.47	2.64
ENSG00000108000	ANGEL1	protein_co chr14	76786178	76826246	-	4.94	4.5
ENSG00000108000	RNF14	protein_co chr5	1.42E+08	1.42E+08	+	27.09	26.91
ENSG00000108000	DNASE1L1	protein_co chrX	1.54E+08	1.54E+08	-	17.9	17.28
ENSG00000108000	DDX11	protein_co chr12	31073845	31104791	+	4.58	7.15
ENSG00000108000	HEBP1	protein_co chr12	12974864	13000273	-	57.84	62.7
ENSG00000108000	GPRC5A	protein_co chr12	12890782	12917937	+	49.33	40.6
ENSG00000108000	MAMLD1	protein_co chrX	1.5E+08	1.51E+08	+	1.76	1.93
ENSG00000108000	CD6	protein_co chr11	60971680	61020377	+	0	0
ENSG00000108000	TACC3	protein_co chr4	1721490	1745176	+	1.87	1.13
ENSG00000108000	UFL1	protein_co chr6	96521595	96555276	+	7.34	7.38
ENSG00000108000	POLA2	protein_co chr11	65261762	65305589	+	3.3	3.55
ENSG00000108000	ZC3H3	protein_co chr8	1.43E+08	1.44E+08	-	5.67	6.51
ENSG00000108000	CAPN1	protein_co chr11	65180566	65212006	+	49.99	53.4
ENSG00000108000	ACPP	protein_co chr3	1.32E+08	1.32E+08	+	0.13	0.27
ENSG00000108000	MDH1	protein_co chr2	63588609	63607197	+	59.7	59.03
ENSG00000108000	SLC30A9	protein_co chr4	41990472	42090457	+	19.91	19.26
ENSG00000108000	MTMR11	protein_co chr1	1.5E+08	1.5E+08	-	13.03	13.04
ENSG00000108000	COX15	protein_co chr10	99711844	99732100	-	10.64	11.28
ENSG00000108000	CCDC88C	protein_co chr14	91271323	91417844	-	0.35	0.98
ENSG00000108000	YAF2	protein_co chr12	42157104	42238349	-	10.16	9.75
ENSG00000108000	ZMYND11	protein_co chr10	134465	254637	+	26.29	27.38
ENSG00000108000	WAS	protein_co chrX	48676596	48691427	+	0.09	0

ENSG0000(DPEP1	protein_co chr16	89613308	89638456	+	0	0
ENSG0000(BID	protein_co chr22	17734138	17774770	-	19.58	12.69
ENSG0000(MATR3	protein_co chr5	1.39E+08	1.39E+08	+	80.45	73.99
ENSG0000(NPC1L1	protein_co chr7	44512535	44541315	-	0.04	0.01
ENSG0000(XYLT2	protein_co chr17	50346092	50363138	+	16.26	15.56
ENSG0000(RGPD5	protein_co chr2	1.1E+08	1.1E+08	+	1.6	2.29
ENSG0000(STMN4	protein_co chr8	27235323	27258420	-	0	0
ENSG0000(NUDCD3	protein_co chr7	44379121	44490880	-	36.16	32.13
ENSG0000(ISL1	protein_co chr5	51383391	51394738	+	0	0
ENSG0000(CHDH	protein_co chr3	53812335	53846390	-	0.37	0.27
ENSG0000(IL20RA	protein_co chr6	1.37E+08	1.37E+08	-	0.02	0.1
ENSG0000(CLCA1	protein_co chr1	86468368	86500289	+	0	0
ENSG0000(CLCA4	protein_co chr1	86547078	86580754	+	0	0
ENSG0000(GLT8D1	protein_co chr3	52694488	52706032	-	42.18	44.33
ENSG0000(ATP2C1	protein_co chr3	1.31E+08	1.31E+08	+	44.8	40.75
ENSG0000(IGF1	protein_co chr12	1.02E+08	1.02E+08	-	5.25	6.65
ENSG0000(SLC38A5	protein_co chrX	48458537	48470256	-	2.9	2.76
ENSG0000(RALBP1	protein_co chr18	9475009	9538116	+	20.95	23.05
ENSG0000(RUFY3	protein_co chr4	70704204	70807315	+	19.4	24.86
ENSG0000(CNTN1	protein_co chr12	40692442	41072418	+	0.18	0
ENSG0000(SLC11A1	protein_co chr2	2.18E+08	2.18E+08	+	0.09	0.04
ENSG0000(WWTR1	protein_co chr3	1.5E+08	1.5E+08	-	39.4	41.42
ENSG0000(AGPS	protein_co chr2	1.77E+08	1.78E+08	+	17.3	22.59
ENSG0000(ZNF806	unprocessε chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(CXorf56	protein_co chrX	1.2E+08	1.2E+08	-	8.6	8.21
ENSG0000(ATP1A2	protein_co chr1	1.6E+08	1.6E+08	+	0.02	0
ENSG0000(TTC27	protein_co chr2	32628032	32821051	+	4.56	5.5
ENSG0000(ZNF582	protein_co chr19	56375846	56393545	-	0.61	1.43
ENSG0000(VSIG2	protein_co chr11	1.25E+08	1.25E+08	-	0.36	0.06
ENSG0000(PHLDB1	protein_co chr11	1.19E+08	1.19E+08	+	33.31	37.63
ENSG0000(MARCO	protein_co chr2	1.19E+08	1.19E+08	+	0	0
ENSG0000(CYP24A1	protein_co chr20	54153449	54173973	-	0.08	0.04
ENSG0000(PRDM11	protein_co chr11	45095806	45235110	+	1.85	2.18
ENSG0000(SYT13	protein_co chr11	45240301	45286319	-	0	0
ENSG0000(SNAI2	protein_co chr8	48917768	48921740	-	31.7	35.61
ENSG0000(CD74	protein_co chr5	1.5E+08	1.5E+08	-	1.79	2.19
ENSG0000(HGF	protein_co chr7	81699006	81770438	-	28.84	36.53
ENSG0000(ZRANB1	protein_co chr10	1.25E+08	1.25E+08	+	8.85	8.74
ENSG0000(NCDN	protein_co chr1	35557473	35567274	+	14.36	14.36
ENSG0000(ADGRA2	protein_co chr8	37784191	37844896	+	50.13	54.75
ENSG0000(CCT8L1P	processed_ chr7	1.52E+08	1.52E+08	+	0.03	0
ENSG0000(ZFP64	protein_co chr20	52051663	52204308	-	6.08	5.92
ENSG0000(MNAT1	protein_co chr14	60734742	60969953	+	12.6	11.11
ENSG0000(SAMD4A	protein_co chr14	54567097	54793315	+	5.32	4.99
ENSG0000(RUNX3	protein_co chr1	24899511	24965121	-	0.01	0

ENSG0000(MRE11	protein_co chr11	94415578	94493908	-	5.6	7.3
ENSG0000(PLEKHB1	protein_co chr11	73646178	73662819	+	0.3	1.3
ENSG0000(SERPINB1	protein_co chr6	2832332	2842006	-	11.67	9.23
ENSG0000(CYP3A43	protein_co chr7	99828013	99866102	+	0.03	0
ENSG0000(SLC7A9	protein_co chr19	32830509	32869766	-	0.07	0.51
ENSG0000(SPAST	protein_co chr2	32063611	32157637	+	5.13	6.41
ENSG0000(NRXN3	protein_co chr14	78170373	79868290	+	0.51	0.66
ENSG0000(OSBPL5	protein_co chr11	3087116	3166739	-	14.46	12.25
ENSG0000(AQR	protein_co chr15	34851782	34969839	-	7.88	7.1
ENSG0000(CPS1	protein_co chr2	2.1E+08	2.11E+08	+	5.4	3.49
ENSG0000(C8B	protein_co chr1	56929210	56966140	-	0	0
ENSG0000(FHL1	protein_co chrX	1.36E+08	1.36E+08	+	21.53	27.06
ENSG0000(RTFDC1	protein_co chr20	56468585	56519449	+	49.24	46.02
ENSG0000(GABRA1	protein_co chr5	1.62E+08	1.62E+08	+	0	0
ENSG0000(NLRP2	protein_co chr19	54953130	55001142	+	0.02	0
ENSG0000(SLC45A4	protein_co chr8	1.41E+08	1.41E+08	-	3.64	3.76
ENSG0000(RNF10	protein_co chr12	1.21E+08	1.21E+08	+	53.09	48.68
ENSG0000(ZNF839	protein_co chr14	1.02E+08	1.02E+08	+	2.22	2.34
ENSG0000(ZDHHC6	protein_co chr10	1.12E+08	1.12E+08	-	14.47	17.99
ENSG0000(GRAMD1B	protein_co chr11	1.23E+08	1.24E+08	+	0.67	0.99
ENSG0000(RNH1	protein_co chr11	494512	507300	-	203.98	192.12
ENSG0000(NDUFS1	protein_co chr2	2.06E+08	2.06E+08	-	19.01	18.52
ENSG0000(RB1CC1	protein_co chr8	52622456	52745843	-	17.75	18.99
ENSG0000(ERP44	protein_co chr9	99979179	1E+08	-	14.32	14.4
ENSG0000(ALAS1	protein_co chr3	52198086	52214327	+	20.66	24.17
ENSG0000(BIRC3	protein_co chr11	1.02E+08	1.02E+08	+	0.57	0.47
ENSG0000(AKAP11	protein_co chr13	42272153	42323267	+	7.74	7.48
ENSG0000(GLRX2	protein_co chr1	1.93E+08	1.93E+08	-	5.86	7.38
ENSG0000(SNAPC1	protein_co chr14	61762357	61796428	+	5.53	4.3
ENSG0000(DERA	protein_co chr12	15911172	16037282	+	17.37	21.22
ENSG0000(STRAP	protein_co chr12	15882391	15903478	+	36.38	38.87
ENSG0000(ABCC2	protein_co chr10	99782732	99852192	+	0.16	0.16
ENSG0000(DEF6	protein_co chr6	35297852	35321771	+	0.64	0.89
ENSG0000(PLEKHO1	protein_co chr1	1.5E+08	1.5E+08	+	29.56	26.37
ENSG0000(GCLM	protein_co chr1	93885205	93909456	-	27.6	27.93
ENSG0000(UBR2	protein_co chr6	42564062	42693504	+	7.68	7.82
ENSG0000(EHD2	protein_co chr19	47713343	47743134	+	137.58	134.79
ENSG0000(DEPDC1	protein_co chr1	68474152	68497221	-	0	0.13
ENSG0000(CCDC28A	protein_co chr6	1.39E+08	1.39E+08	+	10.01	8.24
ENSG0000(RRAGD	protein_co chr6	89364636	89412270	-	0.65	0.08
ENSG0000(HSF2	protein_co chr6	1.22E+08	1.22E+08	+	7.88	6.44
ENSG0000(PHF20	protein_co chr20	35771974	35950381	+	15.37	11.45
ENSG0000(HSD17B6	protein_co chr12	56752161	56787790	+	3.06	4.64
ENSG0000(NR1H3	protein_co chr11	47248300	47269032	+	8.87	11.56
ENSG0000(TYMP	protein_co chr22	50525752	50530056	-	5.02	4.12

ENSG0000(NCAPH2	protein_co chr22	50508216	50523472	+	9.86	9.3
ENSG0000(TOMM34	protein_co chr20	44942130	44960486	-	16.6	18.38
ENSG0000(SEC63	protein_co chr6	1.08E+08	1.08E+08	-	42.35	36.46
ENSG0000(KPNA6	protein_co chr1	32108038	32176568	+	10.99	11.91
ENSG0000(VIM	protein_co chr10	17228259	17237593	+	2126.62	2014.09
ENSG0000(RTEL1-TNF	protein_co chr20	63659300	63698684	+	2.01	2.12
ENSG0000(FAS	protein_co chr10	88990582	89015785	+	26.03	26.53
ENSG0000(RNASET2	protein_co chr6	1.67E+08	1.67E+08	-	21.16	23.52
ENSG0000(CD44	protein_co chr11	35138870	35232402	+	317.23	297.36
ENSG0000(KCNG1	protein_co chr20	51003656	51023129	-	2.27	2.77
ENSG0000(AGPAT4	protein_co chr6	1.61E+08	1.61E+08	-	3.01	2.56
ENSG0000(SLAMF7	protein_co chr1	1.61E+08	1.61E+08	+	0	0.04
ENSG0000(BTN3A1	protein_co chr6	26402237	26415216	+	7.16	8.78
ENSG0000(MIPEP	protein_co chr13	23730189	23889419	-	5.08	6.24
ENSG0000(PRKCH	protein_co chr14	61187559	61550976	+	1.42	1.94
ENSG0000(INSRR	protein_co chr1	1.57E+08	1.57E+08	-	0	0.01
ENSG0000(IFNGR1	protein_co chr6	1.37E+08	1.37E+08	-	22.44	20.93
ENSG0000(B4GALT7	protein_co chr5	1.78E+08	1.78E+08	+	14.3	14.82
ENSG0000(SH2D2A	protein_co chr1	1.57E+08	1.57E+08	-	0	0
ENSG0000(VRK2	protein_co chr2	57907651	58159920	+	8.36	8.4
ENSG0000(TNFRSF1B	protein_co chr1	12167003	12209228	+	6.91	6.02
ENSG0000(VEZT	protein_co chr12	95217746	95302790	+	25.9	22.68
ENSG0000(POU2F2	protein_co chr19	42086110	42196585	-	3.08	3.17
ENSG0000(BRD9	protein_co chr5	850291	892824	-	13.18	13.88
ENSG0000(SNX1	protein_co chr15	64094123	64146090	+	51.1	51.86
ENSG0000(TBPL1	protein_co chr6	1.34E+08	1.34E+08	+	20.19	21.93
ENSG0000(ARNTL2	protein_co chr12	27332854	27425289	+	4.03	4.52
ENSG0000(BCLAF1	protein_co chr6	1.36E+08	1.36E+08	-	45.62	44.79
ENSG0000(SLC39A9	protein_co chr14	69398015	69462388	+	22.04	21.52
ENSG0000(ANK1	protein_co chr8	41653220	41896762	-	2.25	2.36
ENSG0000(IBSP	protein_co chr4	87799581	87812435	+	0	0
ENSG0000(TFB1M	protein_co chr6	1.55E+08	1.55E+08	-	4.57	4.82
ENSG0000(RABEP1	protein_co chr17	5282265	5385812	+	22.89	18.4
ENSG0000(HMGB3	protein_co chrX	1.51E+08	1.51E+08	+	5.39	8.6
ENSG0000(NUP160	protein_co chr11	47778087	47848555	-	8.26	9.18
ENSG0000(BAK1	protein_co chr6	33572547	33580293	-	7.78	7.73
ENSG0000(MUSK	protein_co chr9	1.11E+08	1.11E+08	+	0.1	0.23
ENSG0000(IKZF2	protein_co chr2	2.13E+08	2.13E+08	-	0.56	0.57
ENSG0000(GRN	protein_co chr17	44345086	44353102	+	650.77	673.08
ENSG0000(FAM13B	protein_co chr5	1.38E+08	1.38E+08	-	11.4	10.13
ENSG0000(ARHGAP31	protein_co chr3	1.19E+08	1.19E+08	+	4.36	4.84
ENSG0000(CENPQ	protein_co chr6	49463378	49493107	+	2.05	2.08
ENSG0000(SARS	protein_co chr1	1.09E+08	1.09E+08	+	109.97	113.44
ENSG0000(RANBP3	protein_co chr19	5916139	5978142	-	28.96	27.19
ENSG0000(ARID4A	protein_co chr14	58298385	58373887	+	5.57	5.77

ENSG0000(TSSC1	protein_co chr2	3188925	3377882 -	6.59	6.63
ENSG0000(PNPLA6	protein_co chr19	7534004	7561764 +	15.7	22.05
ENSG0000(IFT88	protein_co chr13	20567069	20691437 +	7.48	6.35
ENSG0000(ALG1	protein_co chr16	5033960	5087379 +	16.39	14.88
ENSG0000(ZCCHC8	protein_co chr12	1.22E+08	1.23E+08 -	6.33	5.97
ENSG0000(ABCF2	protein_co chr7	1.51E+08	1.51E+08 -	19.75	20.3
ENSG0000(CHPF2	protein_co chr7	1.51E+08	1.51E+08 +	28.87	29.59
ENSG0000(LRRC7	protein_co chr1	69568398	70151945 +	0	0
ENSG0000(FUT8	protein_co chr14	65410592	65744121 +	142.73	136.18
ENSG0000(UBA6	protein_co chr4	67612652	67701179 -	17.48	14.53
ENSG0000(GAB2	protein_co chr11	78215297	78418348 -	11.4	11.5
ENSG0000(ATP6VOA1	protein_co chr17	42458844	42522611 +	13.88	14.55
ENSG0000(PIAS1	protein_co chr15	68054179	68198603 +	9.82	12.43
ENSG0000(SLC4A7	protein_co chr3	27372721	27484420 -	17.73	20.56
ENSG0000(APBA2	protein_co chr15	28884483	29118315 +	6.24	5.27
ENSG0000(MAP2K3	protein_co chr17	21284672	21315240 +	22.07	17.37
ENSG0000(EFCAB1	protein_co chr8	48710789	48735311 -	0	0.25
ENSG0000(TMSB10	protein_co chr2	84905625	84906675 +	3025.48	2732.5
ENSG0000(ASTE1	protein_co chr3	1.31E+08	1.31E+08 -	3.3	3.69
ENSG0000(RNF19A	protein_co chr8	1E+08	1E+08 -	14.39	14.07
ENSG0000(PEX3	protein_co chr6	1.43E+08	1.43E+08 +	7.3	7.54
ENSG0000(GABARAPL	protein_co chr16	75566351	75577881 +	63.16	64.84
ENSG0000(MYOC	protein_co chr1	1.72E+08	1.72E+08 -	0.74	0.96
ENSG0000(SH3YL1	protein_co chr2	217730	266398 -	16.9	16.22
ENSG0000(FAM136A	protein_co chr2	70295975	70302090 -	12.13	13.15
ENSG0000(VCL	protein_co chr10	73995193	74121363 +	82.71	90.83
ENSG0000(DEPDC1B	protein_co chr5	60596912	60700190 -	0.29	0.24
ENSG0000(DAPK2	protein_co chr15	63907036	64072033 -	0.52	0.29
ENSG0000(NSMAF	protein_co chr8	58583504	58659844 -	18.26	17.93
ENSG0000(ADSS	protein_co chr1	2.44E+08	2.44E+08 -	15.53	15.31
ENSG0000(STAP1	protein_co chr4	67558728	67607337 +	0	0
ENSG0000(TIMP2	protein_co chr17	78852977	78925387 -	446.32	493.79
ENSG0000(RFC1	protein_co chr4	39287456	39366375 -	16.01	13.39
ENSG0000(TBC1D23	protein_co chr3	1E+08	1E+08 +	19.49	15.32
ENSG0000(CUL3	protein_co chr2	2.24E+08	2.25E+08 -	21.34	22.42
ENSG0000(MYOM2	protein_co chr8	2045040	2165552 +	1.43	0.28
ENSG0000(OTC	protein_co chrX	38352545	38421450 +	0.04	0
ENSG0000(CYP46A1	protein_co chr14	99684304	99727301 +	0.48	0.58
ENSG0000(ZZZ3	protein_co chr1	77562416	77683419 -	11.92	13.79
ENSG0000(SLC18A1	protein_co chr8	20144855	20183206 -	0	0
ENSG0000(USP2	protein_co chr11	1.19E+08	1.19E+08 -	0.19	0.52
ENSG0000(CASR	protein_co chr3	1.22E+08	1.22E+08 +	0.4	0.26
ENSG0000(TUBG2	protein_co chr17	42659305	42667006 +	13.31	14.71
ENSG0000(RPL26L1	protein_co chr5	1.73E+08	1.73E+08 +	17.68	16.05
ENSG0000(FLT4	protein_co chr5	1.81E+08	1.81E+08 -	0.03	0.01

ENSG0000(NSUN2	protein_co chr5	6599239	6633291 -	12.2	13.08
ENSG0000(FBXO42	protein_co chr1	16246839	16352454 -	10.3	9.32
ENSG0000(MFAP3	protein_co chr5	1.54E+08	1.54E+08 +	15.88	14.81
ENSG0000(MRI1	protein_co chr19	13764532	13774282 +	17.14	13.99
ENSG0000(METTL1	protein_co chr12	57768471	57772793 -	6.49	5.21
ENSG0000(HOXC8	protein_co chr12	54009106	54012362 +	0.03	0
ENSG0000(AGA	protein_co chr4	1.77E+08	1.77E+08 -	21.55	19.24
ENSG0000(PI4K2B	protein_co chr4	25233975	25279092 +	3.4	2.02
ENSG0000(BOD1L1	protein_co chr4	13568738	13627723 -	11.87	12.13
ENSG0000(MAT2B	protein_co chr5	1.64E+08	1.64E+08 +	22.03	27.67
ENSG0000(TLL1	protein_co chr4	1.66E+08	1.66E+08 +	1.23	1.09
ENSG0000(EDC4	protein_co chr16	67873023	67884503 +	14.91	14.07
ENSG0000(TRIO	protein_co chr5	14143702	14532128 +	31.68	34.59
ENSG0000(VCAN	protein_co chr5	83471465	83582303 +	150.08	128.97
ENSG0000(CLEC16A	protein_co chr16	10944488	11182189 +	5.12	6.85
ENSG0000(MSR1	protein_co chr8	16107878	16567490 -	0.8	0.83
ENSG0000(CDH1	protein_co chr16	68737225	68835548 +	0.08	0.45
ENSG0000(SKIV2L2	protein_co chr5	55307760	55425581 +	21.34	23.04
ENSG0000(DNAH5	protein_co chr5	13690331	13944543 -	0.26	0.03
ENSG0000(ZFYVE16	protein_co chr5	80408013	80479350 +	6.89	6.92
ENSG0000(FAM65A	protein_co chr16	67518418	67546788 +	24.51	25.57
ENSG0000(C6	protein_co chr5	41142234	41261438 -	0.21	0.07
ENSG0000(RAI14	protein_co chr5	34656237	34832627 +	25.86	25.03
ENSG0000(SOX30	protein_co chr5	1.58E+08	1.58E+08 -	0.03	0.04
ENSG0000(PNKP	protein_co chr19	49859882	49878351 -	15.86	15.17
ENSG0000(BEST2	protein_co chr19	12751702	12758458 +	0	0
ENSG0000(PHLPP2	protein_co chr16	71637835	71724701 -	3.84	2.8
ENSG0000(SPDL1	protein_co chr5	1.7E+08	1.7E+08 +	10.45	14.38
ENSG0000(STAU2	protein_co chr8	73420369	73747708 -	18.15	19.09
ENSG0000(PQLC2	protein_co chr1	19312326	19329300 +	12.64	12.51
ENSG0000(CTNS	protein_co chr17	3636468	3661542 +	16.2	15.66
ENSG0000(RTN4R	protein_co chr22	20241415	20283246 -	0.25	0.32
ENSG0000(PHF23	protein_co chr17	7235028	7239722 -	39.15	31.79
ENSG0000(CDH10	protein_co chr5	24487100	24644978 -	0.48	0.71
ENSG0000(INPP4A	protein_co chr2	98444854	98594390 +	7.07	6.97
ENSG0000(RAB27B	protein_co chr18	54717860	54895516 +	2.59	3.17
ENSG0000(PSMA4	protein_co chr15	78540405	78552419 +	64.11	67.58
ENSG0000(MYO16	protein_co chr13	1.09E+08	1.09E+08 +	0	0
ENSG0000(LSG1	protein_co chr3	1.95E+08	1.95E+08 -	11.88	11.8
ENSG0000(PARP3	protein_co chr3	51942345	51948867 +	15.32	16.81
ENSG0000(TNC	protein_co chr9	1.15E+08	1.15E+08 -	6.41	9.71
ENSG0000(THAP3	protein_co chr1	6624866	6635586 +	10.18	9.67
ENSG0000(FAM65C	protein_co chr20	50586108	50691528 -	5.2	5.6
ENSG0000(TDP1	protein_co chr14	89954939	90044768 +	4.16	4.46
ENSG0000(AIFM2	protein_co chr10	70098223	70132934 -	11.64	10.77

ENSG0000(C2orf83	protein_co chr2	2.28E+08	2.28E+08	-	0	0.03
ENSG0000(SPATA7	protein_co chr14	88384924	88470350	+	4.33	4.9
ENSG0000(MED17	protein_co chr11	93784227	93814963	+	7.19	6.4
ENSG0000(RETSAT	protein_co chr2	85342088	85354620	-	29.12	29.9
ENSG0000(CAPG	protein_co chr2	85394748	85418432	-	27.59	25.97
ENSG0000(AP2S1	protein_co chr19	46838136	46850992	-	102.23	104.14
ENSG0000(USH2A	protein_co chr1	2.16E+08	2.16E+08	-	0	0
ENSG0000(ZBPB	protein_co chr7	49850421	50121329	-	0	0
ENSG0000(TG	protein_co chr8	1.33E+08	1.33E+08	+	0.33	0.34
ENSG0000(ADAM28	protein_co chr8	24294040	24359018	+	1.38	1.69
ENSG0000(BARX2	protein_co chr11	1.29E+08	1.29E+08	+	0.07	0
ENSG0000(DCUN1D1	protein_co chr3	1.83E+08	1.83E+08	-	11.67	9.35
ENSG0000(JADE2	protein_co chr5	1.35E+08	1.35E+08	+	12.72	14.27
ENSG0000(ZIC2	protein_co chr13	99981772	99986773	+	0	0.08
ENSG0000(LCP2	protein_co chr5	1.7E+08	1.7E+08	-	0	0
ENSG0000(TRIT1	protein_co chr1	39841022	39883511	-	7.34	7.35
ENSG0000(ADRB1	protein_co chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(GUCA2B	protein_co chr1	42153421	42155824	+	0	0
ENSG0000(CUL7	protein_co chr6	43037617	43053945	-	15.09	14.62
ENSG0000(CTNNA1	protein_co chr5	1.39E+08	1.39E+08	+	108.47	105.23
ENSG0000(PHKA2	protein_co chrX	18892300	18984598	-	7.6	8.33
ENSG0000(CNTLN	protein_co chr9	17134982	17503923	+	2.92	2.86
ENSG0000(EPHA3	protein_co chr3	89107524	89482134	+	0	0
ENSG0000(HSPA5	protein_co chr9	1.25E+08	1.25E+08	-	180.58	163.23
ENSG0000(DSG2	protein_co chr18	31498043	31549008	+	29.35	30.07
ENSG0000(GEMIN8	protein_co chrX	14008279	14029893	-	9.49	10.38
ENSG0000(OFD1	protein_co chrX	13734745	13769353	+	3.56	4.92
ENSG0000(GPM6B	protein_co chrX	13771031	13938638	-	0	0.07
ENSG0000(MAGEC2	protein_co chrX	1.42E+08	1.42E+08	-	0.06	0
ENSG0000(PREX2	protein_co chr8	67952118	68237030	+	0	0.01
ENSG0000(WDR37	protein_co chr10	1049538	1132297	+	5.26	5.5
ENSG0000(YTHDC2	protein_co chr5	1.14E+08	1.14E+08	+	5.28	5.93
ENSG0000(CTPS2	protein_co chrX	16588003	16712936	-	3.26	3.35
ENSG0000(ATP6V1H	protein_co chr8	53715557	53843558	-	26.29	26.39
ENSG0000(POLR2B	protein_co chr4	56977722	57031168	+	36.73	37.08
ENSG0000(FAM214A	protein_co chr15	52581317	52709817	-	12.88	10.94
ENSG0000(ARAP2	protein_co chr4	35948221	36244509	-	0	0
ENSG0000(TPR	protein_co chr1	1.86E+08	1.86E+08	-	21.64	24.55
ENSG0000(CP	protein_co chr3	1.49E+08	1.49E+08	-	6.05	6.22
ENSG0000(KIAA0556	protein_co chr16	27550133	27780369	+	8.36	10.4
ENSG0000(DTNBP1	protein_co chr6	15522801	15663058	-	11.63	11.81
ENSG0000(XK	protein_co chrX	37685759	37732130	+	0.01	0
ENSG0000(ANO2	protein_co chr12	5531869	5946232	-	0	0
ENSG0000(C12orf4	protein_co chr12	4487728	4538508	-	6.82	7.38
ENSG0000(SCML1	protein_co chrX	17737449	17754988	+	4.6	4.88

ENSG0000(WWC3	protein_co chrX	10015562	10144478	+	4	4.11
ENSG0000(ARHGAP6	protein_co chrX	11137543	11665701	-	4.17	4.64
ENSG0000(FAM184B	protein_co chr4	17629306	17781512	-	0	0.03
ENSG0000(MAP4	protein_co chr3	47850690	48089272	-	89.86	89.22
ENSG0000(GOPC	protein_co chr6	1.18E+08	1.18E+08	-	11.26	11.52
ENSG0000(ROS1	protein_co chr6	1.17E+08	1.17E+08	-	0.05	0.02
ENSG0000(USP28	protein_co chr11	1.14E+08	1.14E+08	-	10.39	11.26
ENSG0000(HDAC9	protein_co chr7	18086949	19002416	+	4.6	2.93
ENSG0000(TSPAN17	protein_co chr5	1.77E+08	1.77E+08	+	21.38	22.69
ENSG0000(NOP16	protein_co chr5	1.76E+08	1.76E+08	-	8.06	9.18
ENSG0000(CC2D2A	protein_co chr4	15469865	15601557	+	9.05	12
ENSG0000(RRM2B	protein_co chr8	1.02E+08	1.02E+08	-	17.38	18.24
ENSG0000(ZNF800	protein_co chr7	1.27E+08	1.27E+08	-	8.58	8.02
ENSG0000(TNFRSF17	protein_co chr16	11965107	11968068	+	0.18	0
ENSG0000(SNX29	protein_co chr16	11976737	12574289	+	5.99	7.17
ENSG0000(LMO3	protein_co chr12	16548373	16610594	-	1.28	0.69
ENSG0000(MRPS10	protein_co chr6	42206801	42217865	-	14.14	12.55
ENSG0000(GUCA1A	protein_co chr6	42155406	42180056	+	0	0
ENSG0000(RSF1	protein_co chr11	77659996	77821017	-	14.59	15.9
ENSG0000(VPS13D	protein_co chr1	12230067	12512047	+	7.12	7.05
ENSG0000(CELF2	protein_co chr10	10798397	11336675	+	20.9	20.62
ENSG0000(FAM120A	protein_co chr9	93451722	93566107	+	38.16	40.59
ENSG0000(R3HDM1	protein_co chr2	1.36E+08	1.36E+08	+	10.71	9.95
ENSG0000(COL9A2	protein_co chr1	40300487	40317816	-	0.15	0.4
ENSG0000(KITLG	protein_co chr12	88492793	88580851	-	30.88	32.97
ENSG0000(ERCC8	protein_co chr5	60873831	60945073	-	4.86	2.86
ENSG0000(ADAMTS6	protein_co chr5	65148736	65481920	-	5.72	5.62
ENSG0000(H6PD	protein_co chr1	9234775	9271337	+	18.25	19.69
ENSG0000(VAMP3	protein_co chr1	7771269	7781432	+	61.37	59.86
ENSG0000(PER3	protein_co chr1	7784320	7845177	+	13.67	11.59
ENSG0000(UTS2	protein_co chr1	7843083	7853512	-	0	0
ENSG0000(TNFRSF9	protein_co chr1	7915894	7943165	-	0.73	0.29
ENSG0000(EPN3	protein_co chr17	50532543	50543750	+	0	0.04
ENSG0000(LTBP1	protein_co chr2	32946972	33399509	+	60.97	62.07
ENSG0000(RCN1	protein_co chr11	31812391	32105755	+	125.62	120.66
ENSG0000(ELN	protein_co chr7	74027789	74069907	+	29.32	28.35
ENSG0000(RFC2	protein_co chr7	74231499	74254458	-	5.79	4.73
ENSG0000(ARID1B	protein_co chr6	1.57E+08	1.57E+08	+	14.03	14.99
ENSG0000(CLPTM1L	protein_co chr5	1317744	1345099	-	53.63	41.63
ENSG0000(NEDD4L	protein_co chr18	58044367	58401540	+	3.02	1.81
ENSG0000(FOXP3	protein_co chrX	49250436	49264826	-	0.07	0
ENSG0000(PPP1R3F	protein_co chrX	49269843	49301461	+	3.83	2.03
ENSG0000(HEXB	protein_co chr5	74640023	74722647	+	173.14	181.87
ENSG0000(PTCD2	protein_co chr5	72320367	72368395	+	2.73	4.76
ENSG0000(KIAA2022	protein_co chrX	74732849	74925485	-	0	0

ENSG0000(JKAMP	protein_co chr14	59484443	59505410	+	35.98	45.93
ENSG0000(DKK3	protein_co chr11	11963106	12009769	-	206.89	186.88
ENSG0000(ARHGFE5	protein_co chr7	1.44E+08	1.44E+08	+	1.33	1.72
ENSG0000(NFE2L3	protein_co chr7	26152240	26187125	+	0.12	0.22
ENSG0000(MCUR1	protein_co chr6	13786557	13814568	-	5.13	6.87
ENSG0000(LIMA1	protein_co chr12	50175788	50283546	-	110.56	109.69
ENSG0000(LETMD1	protein_co chr12	51047962	51060424	+	26.76	24.22
ENSG0000(SLC4A8	protein_co chr12	51391317	51515763	+	0.77	0.58
ENSG0000(LAMC3	protein_co chr9	1.31E+08	1.31E+08	+	0	0
ENSG0000(PTGER3	protein_co chr1	70852353	71047808	-	0	0
ENSG0000(TNIP3	protein_co chr4	1.21E+08	1.21E+08	-	0.07	0
ENSG0000(MAPK9	protein_co chr5	1.8E+08	1.8E+08	-	12.72	17.29
ENSG0000(COL23A1	protein_co chr5	1.78E+08	1.79E+08	-	0	0
ENSG0000(BCAR1	protein_co chr16	75228187	75268053	-	21.53	21.77
ENSG0000(FAM160A2	protein_co chr11	6211335	6234711	-	14.64	14.93
ENSG0000(HERPUD1	protein_co chr16	56932048	56944863	+	108.27	110.59
ENSG0000(HOMER3	protein_co chr19	18929201	18941261	-	46.11	47.93
ENSG0000(RAD51	protein_co chr15	40694774	40732339	+	1.26	0.57
ENSG0000(POLQ	protein_co chr3	1.21E+08	1.22E+08	-	0.06	0.06
ENSG0000(PIK3CB	protein_co chr3	1.39E+08	1.39E+08	-	8.77	6.76
ENSG0000(CYBA	protein_co chr16	88643283	88651152	-	114.2	117.1
ENSG0000(THOC3	protein_co chr5	1.76E+08	1.76E+08	-	10.72	12.31
ENSG0000(HEBP2	protein_co chr6	1.38E+08	1.38E+08	+	25.2	23.26
ENSG0000(MPHOSPH1	protein_co chr12	1.23E+08	1.23E+08	-	6.4	7.22
ENSG0000(PLEKHA5	protein_co chr12	19129752	19376400	+	18.54	18.68
ENSG0000(PRSS8	protein_co chr16	31131433	31135762	-	0	0.15
ENSG0000(SIKE1	protein_co chr1	1.15E+08	1.15E+08	-	15.56	9.71
ENSG0000(RRP12	protein_co chr10	97356358	97426076	-	6.2	7.3
ENSG0000(FNIP2	protein_co chr4	1.59E+08	1.59E+08	+	4.95	7.28
ENSG0000(MSMO1	protein_co chr4	1.65E+08	1.65E+08	+	30.35	30.74
ENSG0000(TTC17	protein_co chr11	43358932	43494933	+	25.98	26.85
ENSG0000(ALX4	protein_co chr11	44260444	44310166	-	0	0
ENSG0000(FSTL4	protein_co chr5	1.33E+08	1.34E+08	-	0	0
ENSG0000(FOXN3	protein_co chr14	89124871	89619149	-	13.47	14.89
ENSG0000(METTL24	protein_co chr6	1.1E+08	1.1E+08	-	0	0
ENSG0000(AKR7A2	protein_co chr1	19303965	19312146	-	36.53	37.74
ENSG0000(MRTO4	protein_co chr1	19251539	19260128	+	9.75	9.06
ENSG0000(NNAT	protein_co chr20	37521215	37523693	+	0	0.05
ENSG0000(USE1	protein_co chr19	17215346	17219829	+	21.27	17.95
ENSG0000(MCF2L2	protein_co chr3	1.83E+08	1.83E+08	-	0.1	0.09
ENSG0000(NRIP2	protein_co chr12	2825348	2835544	-	0	0
ENSG0000(LAMA3	protein_co chr18	23689443	23955066	+	2.06	2.5
ENSG0000(AP5M1	protein_co chr14	57268909	57298742	+	11.16	10.65
ENSG0000(ANAPC4	protein_co chr4	25377213	25418498	+	10.06	8.16
ENSG0000(KCNQ1	protein_co chr11	2444684	2849109	+	0	0

ENSG0000(TRAPPC3	protein_co chr1	36136570	36156053 -	39.28	38.81
ENSG0000(THRAP3	protein_co chr1	36224416	36305357 +	33.78	30.95
ENSG0000(PHPT1	protein_co chr9	1.37E+08	1.37E+08 +	96.61	91.77
ENSG0000(ENTPD2	protein_co chr9	1.37E+08	1.37E+08 -	0	0.08
ENSG0000(LY75	protein_co chr2	1.6E+08	1.6E+08 -	0.65	0.33
ENSG0000(ARID4B	protein_co chr1	2.35E+08	2.35E+08 -	8.44	10.81
ENSG0000(OPN3	protein_co chr1	2.42E+08	2.42E+08 -	4.41	4.22
ENSG0000(SDCCAG8	protein_co chr1	2.43E+08	2.44E+08 +	15.08	14.28
ENSG0000(PTPRN	protein_co chr2	2.19E+08	2.19E+08 -	1.39	3.14
ENSG0000(HHAT	protein_co chr1	2.1E+08	2.11E+08 +	3.81	3.64
ENSG0000(KIF1B	protein_co chr1	10210805	10381603 +	10.3	9.8
ENSG0000(FOXC1	protein_co chr6	1609972	1613897 +	1.1	1.24
ENSG0000(TBC1D22A	protein_co chr22	46762617	47175699 +	10.84	11.04
ENSG0000(SYNE2	protein_co chr14	63852983	64226433 +	4.17	3.48
ENSG0000(PLEKHH1	protein_co chr14	67533301	67589612 +	0.36	0.96
ENSG0000(ATP9A	protein_co chr20	51596514	51768634 -	8.35	7.73
ENSG0000(SPO11	protein_co chr20	57329759	57343994 +	0	0
ENSG0000(CBLN4	protein_co chr20	55997440	56005472 -	0	0
ENSG0000(CHRDL2	protein_co chr11	74696429	74731385 -	5.4	6.87
ENSG0000(FAM168A	protein_co chr11	73400487	73598189 -	20.22	21.23
ENSG0000(RELT	protein_co chr11	73376264	73397474 +	1.18	1.15
ENSG0000(GALC	protein_co chr14	87837820	87993665 -	14.47	12.5
ENSG0000(NOP58	protein_co chr2	2.02E+08	2.02E+08 +	13.74	12.35
ENSG0000(SZRD1	protein_co chr1	16352575	16398145 +	48.35	48.73
ENSG0000(KCNH2	protein_co chr7	1.51E+08	1.51E+08 -	0	0.02
ENSG0000(CUL1	protein_co chr7	1.49E+08	1.49E+08 +	18.29	17.27
ENSG0000(FAM114A2	protein_co chr5	1.54E+08	1.54E+08 -	11.82	10.29
ENSG0000(CYFIP2	protein_co chr5	1.57E+08	1.57E+08 +	4.29	5.2
ENSG0000(TAB2	protein_co chr6	1.49E+08	1.49E+08 +	17.25	17.49
ENSG0000(GINM1	protein_co chr6	1.5E+08	1.5E+08 +	44.52	42.2
ENSG0000(EIF2AK2	protein_co chr2	37099210	37157065 -	9.73	11.49
ENSG0000(USP36	protein_co chr17	78787381	78841441 -	11.8	12.65
ENSG0000(KMT2C	protein_co chr7	1.52E+08	1.52E+08 -	8.86	9.73
ENSG0000(MCOLN3	protein_co chr1	85018082	85048499 -	2.19	2.5
ENSG0000(CCDC85A	protein_co chr2	56184123	56386173 +	0.03	0.07
ENSG0000(PUM2	protein_co chr2	20248691	20352234 -	17.68	18.59
ENSG0000(MRPL43	protein_co chr10	1.01E+08	1.01E+08 -	36.27	34.82
ENSG0000(ITIH4	protein_co chr3	52812975	52831479 -	1.34	0.91
ENSG0000(ITIH1	protein_co chr3	52777592	52792068 +	0	0
ENSG0000(HPF1	protein_co chr4	1.7E+08	1.7E+08 -	9.62	9.16
ENSG0000(ZFR	protein_co chr5	32354350	32444761 -	25.23	27.85
ENSG0000(ZNF280C	protein_co chrX	1.3E+08	1.3E+08 -	1.16	0.86
ENSG0000(NPFFR2	protein_co chr4	72031804	72148067 +	0	0
ENSG0000(PHF21B	protein_co chr22	44881162	45009999 -	0	0
ENSG0000(TRAF1	protein_co chr9	1.21E+08	1.21E+08 -	0.82	0.93

ENSG0000(RC3H2	protein_co chr9	1.23E+08	1.23E+08	-	11.14	11.51
ENSG0000(IL17RB	protein_co chr3	53846580	53865800	+	0.06	0
ENSG0000(TRAF3IP2	protein_co chr6	1.12E+08	1.12E+08	-	17.12	14.69
ENSG0000(GYG2	protein_co chrX	2828788	2882820	+	4.61	3.49
ENSG0000(DCBLD2	protein_co chr3	98795941	98901689	-	35.2	34.48
ENSG0000(SERPINB3	protein_co chr18	63655197	63661963	-	0	0
ENSG0000(SOAT1	protein_co chr1	1.79E+08	1.79E+08	+	20.17	19.33
ENSG0000(PKP2	protein_co chr12	32790745	32896840	-	2.25	2.42
ENSG0000(MSH4	protein_co chr1	75796882	75913238	+	0.03	0
ENSG0000(F7	protein_co chr13	1.13E+08	1.13E+08	+	0.02	0
ENSG0000(GDI2	protein_co chr10	5765223	5842132	-	78	75.53
ENSG0000(PRDM1	protein_co chr6	1.06E+08	1.06E+08	+	0.29	0.7
ENSG0000(ATG5	protein_co chr6	1.06E+08	1.06E+08	-	10.23	10.31
ENSG0000(TMCC3	protein_co chr12	94567124	94650562	-	0.95	0.88
ENSG0000(PITHD1	protein_co chr1	23778405	23788232	+	14.91	16.23
ENSG0000(MTA3	protein_co chr2	42494569	42756947	+	14.54	15.2
ENSG0000(USP13	protein_co chr3	1.8E+08	1.8E+08	+	2.66	3.7
ENSG0000(ATP11B	protein_co chr3	1.83E+08	1.83E+08	+	18.61	19.79
ENSG0000(LAMC2	protein_co chr1	1.83E+08	1.83E+08	+	1.82	1.63
ENSG0000(CDK14	protein_co chr7	90466424	91210590	+	11.14	12.89
ENSG0000(SEC61A1	protein_co chr3	1.28E+08	1.28E+08	+	138.43	138.91
ENSG0000(PPP1R12A	protein_co chr12	79773563	79935460	-	19.11	19.06
ENSG0000(RASGRF1	protein_co chr15	78959947	79090773	-	0.02	0
ENSG0000(CAMK2B	protein_co chr7	44217150	44334577	-	0.14	0.48
ENSG0000(CROCC	protein_co chr1	16740273	16972979	+	9.89	11.41
ENSG0000(POLR3E	protein_co chr16	22297375	22335103	+	9.55	9.7
ENSG0000(ATP2B4	protein_co chr1	2.04E+08	2.04E+08	+	75.26	73.65
ENSG0000(ZC3H11A	protein_co chr1	2.04E+08	2.04E+08	+	28.18	32.21
ENSG0000(RIOK2	protein_co chr5	97160867	97183260	-	12.91	8.32
ENSG0000(YIPF1	protein_co chr1	53851719	53889834	-	10.94	13.45
ENSG0000(NDC1	protein_co chr1	53765460	53838860	-	1.78	2.56
ENSG0000(DGKG	protein_co chr3	1.86E+08	1.86E+08	-	0.57	0.03
ENSG0000(FLYWCH1	protein_co chr16	2911937	2951208	+	29.59	24.57
ENSG0000(UNKL	protein_co chr16	1363205	1414751	-	7.94	8.82
ENSG0000(TBXAS1	protein_co chr7	1.4E+08	1.4E+08	+	0.83	1.05
ENSG0000(PARP12	protein_co chr7	1.4E+08	1.4E+08	-	5.27	6.02
ENSG0000(ALDH18A1	protein_co chr10	95605929	95656706	-	23.48	22.4
ENSG0000(TARBP1	protein_co chr1	2.34E+08	2.34E+08	-	5.34	6.51
ENSG0000(GATB	protein_co chr4	1.52E+08	1.52E+08	-	10.21	9.73
ENSG0000(MXD1	protein_co chr2	69897688	69942945	+	3.95	3.12
ENSG0000(CDK17	protein_co chr12	96278261	96400560	-	9.47	12.15
ENSG0000(DNAJC25	protein_co chr9	1.12E+08	1.12E+08	+	6.36	4.26
ENSG0000(SLC2A3	protein_co chr12	7919230	7936275	-	40.25	40.64
ENSG0000(PSD	protein_co chr10	1.02E+08	1.02E+08	-	0.42	1.19
ENSG0000(CTDP1	protein_co chr18	79679801	79756623	+	6.89	7.12

ENSG0000(YBX3	protein_co chr12	10699089	10723312 -	158.17	164.99
ENSG0000(STYK1	protein_co chr12	10618939	10674318 -	0.07	0.08
ENSG0000(WNK1	protein_co chr12	752593	911452 +	39.1	38.33
ENSG0000(RPS17P5	processed_chr6	50857255	50857662 -	0	0
ENSG0000(CCAR1	protein_co chr10	68721012	68792377 +	30.69	29.81
ENSG0000(OGFR	protein_co chr20	62804835	62814000 +	16.29	19.11
ENSG0000(GNA15	protein_co chr19	3136193	3163769 +	0.03	0
ENSG0000(CREB3L3	protein_co chr19	4153601	4173054 +	0	0.05
ENSG0000(PIGV	protein_co chr1	26787472	26798398 +	7.72	6.76
ENSG0000(PTPRU	protein_co chr1	29236516	29326813 +	3.54	3.61
ENSG0000(SNRNP40	protein_co chr1	31259568	31296782 -	12.14	15.3
ENSG0000(RIMBP2	protein_co chr12	1.3E+08	1.31E+08 -	0	0
ENSG0000(COL11A1	protein_co chr1	1.03E+08	1.03E+08 -	0.92	0.5
ENSG0000(QSER1	protein_co chr11	32893178	32993316 +	6.24	6.48
ENSG0000(MPC1	protein_co chr6	1.66E+08	1.66E+08 -	11.31	11.09
ENSG0000(ACAA1	protein_co chr3	38103129	38137242 -	25.78	25.9
ENSG0000(BCAT1	protein_co chr12	24810022	24949459 -	36.77	27.36
ENSG0000(HDAC7	protein_co chr12	47782722	47833132 -	37.72	40.74
ENSG0000(LZTS1	protein_co chr8	20246165	20303963 -	0.24	0.52
ENSG0000(PRDM6	protein_co chr5	1.23E+08	1.23E+08 +	0.28	0.39
ENSG0000(WNT8A	protein_co chr5	1.38E+08	1.38E+08 +	0	0
ENSG0000(SPAG4	protein_co chr20	35615892	35621049 +	15.57	12.11
ENSG0000(NCKAP1	protein_co chr2	1.83E+08	1.83E+08 -	59.3	52.49
ENSG0000(MRPS35	protein_co chr12	27710773	27756295 +	13.69	14.43
ENSG0000(GUCY1B3	protein_co chr4	1.56E+08	1.56E+08 +	0.03	0
ENSG0000(SFSWAP	protein_co chr12	1.32E+08	1.32E+08 +	14.24	12.8
ENSG0000(TNK2	protein_co chr3	1.96E+08	1.96E+08 -	7.85	8.78
ENSG0000(MON2	protein_co chr12	62466817	62600479 +	10.69	12.18
ENSG0000(CDH3	protein_co chr16	68636189	68722616 +	1.09	0.13
ENSG0000(ARSF	protein_co chrX	3041471	3112726 +	0	0
ENSG0000(GPBP1	protein_co chr5	57173948	57264679 +	19.5	20.96
ENSG0000(DGAT2	protein_co chr11	75759512	75801535 +	2.31	2.02
ENSG0000(ZNF112	protein_co chr19	44326555	44367217 -	2.54	2.91
ENSG0000(CS	protein_co chr12	56271699	56300392 -	41.82	42.82
ENSG0000(LTK	protein_co chr15	41503638	41513887 -	0.12	0.27
ENSG0000(MRPS24	protein_co chr7	43866558	43869893 -	54.36	51.73
ENSG0000(ELMO2	protein_co chr20	46366049	46432985 -	12.84	13.15
ENSG0000(WAPL	protein_co chr10	86435256	86521815 -	12.42	12.97
ENSG0000(VMP1	protein_co chr17	59707192	59842255 +	86.84	92.27
ENSG0000(APPBP2	protein_co chr17	60443149	60526219 -	13.76	15.53
ENSG0000(POLD1	protein_co chr19	50384204	50418018 +	4.07	3.95
ENSG0000(SEZ6	protein_co chr17	28954901	29006440 -	0	0
ENSG0000(EIF4B	protein_co chr12	53006158	53042209 +	228.57	228.24
ENSG0000(SLC6A16	protein_co chr19	49289638	49325225 -	0.28	0.12
ENSG0000(GLTSCR1	protein_co chr19	47608196	47703277 +	3.56	4.88

ENSG0000(SPHK2	protein_co chr19	48619291	48630717	+	5.07	4.92
ENSG0000(RPL18	protein_co chr19	48615328	48619536	-	860.59	881.87
ENSG0000(CA11	protein_co chr19	48637942	48646312	-	11.16	8.26
ENSG0000(ISOC2	protein_co chr19	55452985	55462343	-	27.11	30.18
ENSG0000(U2AF2	protein_co chr19	55654146	55674715	+	49.85	59.52
ENSG0000(EPN1	protein_co chr19	55675226	55709858	+	58.72	61.01
ENSG0000(MED29	protein_co chr19	39391303	39400637	+	16.2	16.67
ENSG0000(AHRR	protein_co chr5	304176	438291	+	5.24	4.35
ENSG0000(GSC2	protein_co chr22	19148576	19150283	-	0	0
ENSG0000(ZNF275	protein_co chrX	1.53E+08	1.53E+08	+	3.87	3.95
ENSG0000(MTMR1	protein_co chrX	1.51E+08	1.51E+08	+	7.74	8.44
ENSG0000(GPC1	protein_co chr2	2.4E+08	2.4E+08	+	52.56	51.09
ENSG0000(ADCK1	protein_co chr14	77800083	77935012	+	2.57	4.32
ENSG0000(HAGH	protein_co chr16	1795620	1827194	-	31.06	26.79
ENSG0000(RNF4	protein_co chr4	2462220	2625320	+	21.9	20.53
ENSG0000(CASP8	protein_co chr2	2.01E+08	2.01E+08	+	7.82	6.49
ENSG0000(LIMCH1	protein_co chr4	41359607	41700044	+	1.19	1.15
ENSG0000(INTS13	protein_co chr12	26905181	26938326	-	9.31	8.28
ENSG0000(TM7SF3	protein_co chr12	26973195	27014434	-	32.2	37.19
ENSG0000(DLX3	protein_co chr17	49990005	49995224	-	0	0.07
ENSG0000(SPA17	protein_co chr11	1.25E+08	1.25E+08	+	3.68	5.35
ENSG0000(TSPAN32	protein_co chr11	2301997	2318200	+	0.33	0.08
ENSG0000(WISP2	protein_co chr20	44714844	44728509	+	45.76	54
ENSG0000(DMRT3	protein_co chr9	976964	991731	+	0	0
ENSG0000(ST3GAL6	protein_co chr3	98732236	98821201	+	4.88	6.14
ENSG0000(ATP2C2	protein_co chr16	84368527	84464187	+	0	0
ENSG0000(NGFR	protein_co chr17	49495293	49515017	+	0.08	0
ENSG0000(CDON	protein_co chr11	1.26E+08	1.26E+08	-	4.31	4.15
ENSG0000(TAF2	protein_co chr8	1.2E+08	1.2E+08	-	11.95	9.85
ENSG0000(HIPK2	protein_co chr7	1.4E+08	1.4E+08	-	5.21	6.17
ENSG0000(TNPO3	protein_co chr7	1.29E+08	1.29E+08	-	17.88	16.74
ENSG0000(BORCS8-M	protein_co chr19	19145567	19192158	-	2.39	4.48
ENSG0000(RFXANK	protein_co chr19	19192229	19201869	+	24.33	23.6
ENSG0000(TMEM161A	protein_co chr19	19119169	19138513	-	11.66	9.17
ENSG0000(LPAR2	protein_co chr19	19623668	19628930	-	1.1	1.58
ENSG0000(CTSA	protein_co chr20	45890144	45898820	+	501.59	497.4
ENSG0000(SUGP2	protein_co chr19	18990888	19034023	-	18.29	16.02
ENSG0000(SLC12A2	protein_co chr5	1.28E+08	1.28E+08	+	10.67	11.94
ENSG0000(SNX24	protein_co chr5	1.23E+08	1.23E+08	+	11.02	13.41
ENSG0000(EYA2	protein_co chr20	46894624	47188844	+	0.99	1.01
ENSG0000(CNN2	protein_co chr19	1026581	1039068	+	142.2	161.9
ENSG0000(ABCA7	protein_co chr19	1040101	1065572	+	4.53	8.09
ENSG0000(SNCAIP	protein_co chr5	1.22E+08	1.22E+08	+	0.07	0.03
ENSG0000(DDX20	protein_co chr1	1.12E+08	1.12E+08	+	4.73	3.34
ENSG0000(BTBD1	protein_co chr15	83016422	83067354	-	21.82	20.72

ENSG0000(FAR2	protein_co chr12	29149103	29340980	+	5.91	3.13
ENSG0000(BCAS1	protein_co chr20	53936777	54070594	-	0.35	0.08
ENSG0000(POU1F1	protein_co chr3	87259404	87276587	-	0	0
ENSG0000(CHI3L2	protein_co chr1	1.11E+08	1.11E+08	+	88.68	80.28
ENSG0000(SBNO2	protein_co chr19	1107636	1174283	-	28.8	22.43
ENSG0000(PMS1	protein_co chr2	1.9E+08	1.9E+08	+	4.65	3
ENSG0000(HMG20B	protein_co chr19	3572777	3579088	+	34.56	39.24
ENSG0000(CALCRL	protein_co chr2	1.87E+08	1.87E+08	-	8.4	9.12
ENSG0000(TAF11	protein_co chr6	34877778	34888089	-	8.25	8.77
ENSG0000(ANKS1A	protein_co chr6	34889265	35091413	+	3.93	4.26
ENSG0000(AP3D1	protein_co chr19	2100988	2164465	-	30.07	32.43
ENSG0000(ZNF76	protein_co chr6	35258909	35295985	+	12.26	13.2
ENSG0000(SLC9A3R2	protein_co chr16	2025356	2039026	+	15.45	18.41
ENSG0000(NTHL1	protein_co chr16	2039815	2047866	-	5.27	8.11
ENSG0000(UHRF1BP1	protein_co chr6	34792015	34883138	+	3.87	3.97
ENSG0000(GNAI3	protein_co chr1	1.1E+08	1.1E+08	+	2.81	2.95
ENSG0000(IPO5	protein_co chr13	97953658	98024297	+	39.05	40.63
ENSG0000(OAT	protein_co chr10	1.24E+08	1.24E+08	-	57.31	54.03
ENSG0000(WDR3	protein_co chr1	1.18E+08	1.18E+08	+	7.93	9.36
ENSG0000(PKN2	protein_co chr1	88684222	88836255	+	13.2	11.96
ENSG0000(WDR18	protein_co chr19	984271	998438	+	19.73	23.07
ENSG0000(TRAM2	protein_co chr6	52497402	52576915	-	104.52	104.5
ENSG0000(NTN1	protein_co chr17	9021542	9244000	+	0.08	0.06
ENSG0000(GLP2R	protein_co chr17	9822206	9892102	+	0	0
ENSG0000(MCM10	protein_co chr10	13161554	13211104	+	0.02	0.18
ENSG0000(DGKA	protein_co chr12	55927319	55954027	+	27.14	25.13
ENSG0000(ERBB3	protein_co chr12	56079857	56103505	+	1.08	0.8
ENSG0000(ROPN1	protein_co chr3	1.24E+08	1.24E+08	-	0	0
ENSG0000(ANKRD44	protein_co chr2	1.97E+08	1.97E+08	-	3.64	4.29
ENSG0000(KARS	protein_co chr16	75627474	75648643	-	41.28	44.46
ENSG0000(ADAT1	protein_co chr16	75596981	75623300	-	14.37	13.59
ENSG0000(PDIA5	protein_co chr3	1.23E+08	1.23E+08	+	50.95	46.71
ENSG0000(TBC1D22B	protein_co chr6	37257772	37332970	+	7.14	7.57
ENSG0000(NDUFB4	protein_co chr3	1.21E+08	1.21E+08	+	81.16	83.82
ENSG0000(SPEN	protein_co chr1	15847864	15940460	+	8.78	8.86
ENSG0000(MYLK	protein_co chr3	1.24E+08	1.24E+08	-	6.58	7.24
ENSG0000(ZC3H15	protein_co chr2	1.86E+08	1.87E+08	+	18.17	17.53
ENSG0000(MAP2K4	protein_co chr17	12020824	12143830	+	7.47	9.06
ENSG0000(TMEM206	protein_co chr1	2.12E+08	2.12E+08	-	4.05	3.46
ENSG0000(SNAP91	protein_co chr6	83552880	83709691	-	0	0
ENSG0000(SLK	protein_co chr10	1.04E+08	1.04E+08	+	7.54	8.02
ENSG0000(CYB5R4	protein_co chr6	83859643	83967424	+	10.38	12.06
ENSG0000(COL17A1	protein_co chr10	1.04E+08	1.04E+08	-	0.86	0.22
ENSG0000(GSTO2	protein_co chr10	1.04E+08	1.04E+08	+	0.94	0.31
ENSG0000(SEC61A2	protein_co chr10	12129637	12169961	+	3.54	3.53

ENSG0000(PRKCQ	protein_co chr10	6427143	6580301 -	0	0
ENSG0000(TLE2	protein_co chr19	2997638	3047635 -	3.16	3.26
ENSG0000(ASB1	protein_co chr2	2.38E+08	2.38E+08 +	12.44	13.07
ENSG0000(FAM107B	protein_co chr10	14518557	14774897 -	3.28	1.94
ENSG0000(ME1	protein_co chr6	83210389	83431071 -	5.08	5.85
ENSG0000(TBC1D1	protein_co chr4	37891087	38139175 +	8.88	9.27
ENSG0000(CDK13	protein_co chr7	39950037	40097134 +	10.62	10.43
ENSG0000(MTHFD2	protein_co chr2	74198562	74217565 +	66.05	61.46
ENSG0000(SLC9A7	protein_co chrX	46599252	46759172 -	6.66	6.66
ENSG0000(FOXJ2	protein_co chr12	8032703	8055503 +	8.78	9.02
ENSG0000(YBX1	protein_co chr1	42682427	42702349 +	301.16	300.4
ENSG0000(PDE4A	protein_co chr19	10416773	10469631 +	9.99	9.31
ENSG0000(PPP2R5A	protein_co chr1	2.12E+08	2.12E+08 +	6.59	7.66
ENSG0000(CTNNA2	protein_co chr2	79185231	80648861 +	0.02	0
ENSG0000(ELAVL1	protein_co chr19	7958579	8005659 -	18.91	24.08
ENSG0000(TIE1	protein_co chr1	43300993	43323108 +	1.39	0.9
ENSG0000(DIP2B	protein_co chr12	50504985	50748667 +	9.72	10.63
ENSG0000(SMARCD1	protein_co chr12	50084972	50100712 +	24.48	20.44
ENSG0000(KDM4A	protein_co chr1	43650158	43705515 +	12.73	12.66
ENSG0000(NFYC	protein_co chr1	40691648	40771603 +	14.95	13.81
ENSG0000(ZMYND12	protein_co chr1	42430329	42456267 -	0.42	0.31
ENSG0000(SLC9A3	protein_co chr5	473310	524332 -	0	0
ENSG0000(NGEF	protein_co chr2	2.33E+08	2.33E+08 -	2.26	1.99
ENSG0000(ASPM	protein_co chr1	1.97E+08	1.97E+08 -	0.25	0.21
ENSG0000(CD84	protein_co chr1	1.61E+08	1.61E+08 -	0.01	0.01
ENSG0000(ELOVL1	protein_co chr1	43363397	43368074 -	53.32	55.68
ENSG0000(SPI1	protein_co chr11	47354860	47378576 -	0	0
ENSG0000(ZNRD1	protein_co chr6	30058899	30064909 +	10.43	9.96
ENSG0000(MPPED2	protein_co chr11	30384493	30586872 -	0.02	0.02
ENSG0000(CLDN18	protein_co chr3	1.38E+08	1.38E+08 +	0	0
ENSG0000(ZBTB11	protein_co chr3	1.02E+08	1.02E+08 -	3.55	3.21
ENSG0000(ATXN3	protein_co chr14	92038652	92106621 -	8.88	13.46
ENSG0000(GOLGA5	protein_co chr14	92794231	92839963 +	20.05	20.05
ENSG0000(FGFR2	protein_co chr10	1.21E+08	1.22E+08 -	0.52	0.12
ENSG0000(LRRC40	protein_co chr1	70144805	70205620 -	3.09	3.27
ENSG0000(ISOC1	protein_co chr5	1.29E+08	1.29E+08 +	5.67	5.61
ENSG0000(EML1	protein_co chr14	99737693	99942060 +	18.47	19.59
ENSG0000(TRMT11	protein_co chr6	1.26E+08	1.26E+08 +	6.91	7.76
ENSG0000(THUMPD1	protein_co chr16	20702816	20742084 -	9.24	11.46
ENSG0000(MSANTD3	protein_co chr9	1E+08	1E+08 +	23.61	22.25
ENSG0000(KIF26A	protein_co chr14	1.04E+08	1.04E+08 +	0	0
ENSG0000(ATG2B	protein_co chr14	96279202	96363870 -	9.42	11.31
ENSG0000(ARFGEF1	protein_co chr8	67173511	67343677 -	9.59	8.97
ENSG0000(ACSM2B	protein_co chr16	20536226	20576427 -	0	0
ENSG0000(ZFAT	protein_co chr8	1.34E+08	1.35E+08 -	2.22	1.67

ENSG0000(MTFR1	protein_co chr8	65644734	65771261 +	7.11	5.71
ENSG0000(STAG3	protein_co chr7	1E+08	1E+08 +	0.78	0.9
ENSG0000(FECH	protein_co chr18	57548283	57586772 -	15.75	16.32
ENSG0000(MYO9A	protein_co chr15	71822289	72118577 -	8.06	7.09
ENSG0000(DDX3Y	protein_co chrY	12904108	12920478 +	22.28	23.51
ENSG0000(PFKP	protein_co chr10	3066333	3137712 +	81.56	70.37
ENSG0000(IDI1	protein_co chr10	1039908	1049170 -	15.8	14.98
ENSG0000(SP100	protein_co chr2	2.3E+08	2.31E+08 +	44.48	41.24
ENSG0000(KLF6	protein_co chr10	3775996	3785281 -	12.3	12.96
ENSG0000(PLPP1	protein_co chr5	55424854	55535050 -	44.7	56.78
ENSG0000(NEO1	protein_co chr15	73051710	73305206 +	8.58	9.01
ENSG0000(TRAM1	protein_co chr8	70573442	70608387 -	123.91	119.79
ENSG0000(PHKA1	protein_co chrX	72578814	72714319 -	2.33	2.31
ENSG0000(TNFRSF1A	protein_co chr12	6328757	6342114 -	141.96	144.4
ENSG0000(CACNB1	protein_co chr17	39173456	39197703 -	4.3	2.66
ENSG0000(EV15	protein_co chr1	92508696	92792404 -	12.96	13.11
ENSG0000(STOML1	protein_co chr15	73978923	73994622 -	5.72	7.82
ENSG0000(PKM	protein_co chr15	72199029	72231822 -	990.01	838.28
ENSG0000(DHX29	protein_co chr5	55256245	55307722 -	9.2	8.48
ENSG0000(DNTTIP2	protein_co chr1	93866283	93879918 -	12.26	11.12
ENSG0000(METTL22	protein_co chr16	8621683	8649654 +	13.22	16
ENSG0000(TP53BP1	protein_co chr15	43403061	43510728 -	23.81	24.33
ENSG0000(TRO	protein_co chrX	54920462	54931431 +	8.17	10.8
ENSG0000(RRP15	protein_co chr1	2.18E+08	2.18E+08 +	3.62	3.37
ENSG0000(RHOA	protein_co chr3	49359145	49412998 -	226.22	229.87
ENSG0000(DHX8	protein_co chr17	43483865	43544463 +	12.71	13.62
ENSG0000(PMS2P4	transcribec chr7	67295608	67302907 -	2.83	2.05
ENSG0000(PRKCZ	protein_co chr1	2050470	2185395 +	1.26	0.86
ENSG0000(ZFY	protein_co chrY	2935281	2982506 +	5.58	6.19
ENSG0000(IARS2	protein_co chr1	2.2E+08	2.2E+08 +	33.54	34.19
ENSG0000(SYT1	protein_co chr12	78863993	79452008 +	4.57	3.68
ENSG0000(NAV3	protein_co chr12	77324641	78213008 +	9.59	7.66
ENSG0000(IDH3G	protein_co chrX	1.54E+08	1.54E+08 -	24.86	24.88
ENSG0000(ROGDI	protein_co chr16	4796968	4802950 -	16.82	14.82
ENSG0000(PDZD4	protein_co chrX	1.54E+08	1.54E+08 -	0.19	0.29
ENSG0000(ATP2B3	protein_co chrX	1.54E+08	1.54E+08 +	0.01	0
ENSG0000(ROCK1	protein_co chr18	20946906	21111851 -	12.61	12.5
ENSG0000(CBFB	protein_co chr16	67029116	67101058 +	17.63	18.86
ENSG0000(PDK3	protein_co chrX	24465221	24539837 +	3.3	3.65
ENSG0000(HYAL2	protein_co chr3	50317790	50322906 -	18.91	19.36
ENSG0000(HDAC4	protein_co chr2	2.39E+08	2.39E+08 -	5.43	5.04
ENSG0000(RASSF1	protein_co chr3	50329782	50340980 -	22.94	23.45
ENSG0000(FGFR3	protein_co chr4	1793307	1808872 +	0.15	0.28
ENSG0000(IFI35	protein_co chr17	43006725	43014456 +	18.98	17.51
ENSG0000(HEATR6	protein_co chr17	60043194	60078931 -	5.25	7.71

ENSG00000100000	COASY	protein_co chr17	42561467	42566277	+	18.14	17.21
ENSG00000100000	PLEKHH3	protein_co chr17	42667914	42676994	-	10.11	11.51
ENSG00000100000	MEF2A	protein_co chr15	99565417	99716466	+	19.17	19.62
ENSG00000100000	OTUD5	protein_co chrX	48922028	48958386	-	25.46	26.5
ENSG00000100000	TFE3	protein_co chrX	49028726	49043486	-	27.68	27.61
ENSG00000100000	TBC1D25	protein_co chrX	48539457	48562609	+	7.78	8.1
ENSG00000100000	ACSL4	protein_co chrX	1.1E+08	1.1E+08	-	24.71	31.28
ENSG00000100000	INPP5A	protein_co chr10	1.33E+08	1.33E+08	+	7.01	6.08
ENSG00000100000	GPKOW	protein_co chrX	49113389	49123801	-	8.36	8.13
ENSG00000100000	GRIPAP1	protein_co chrX	48973720	49002264	-	11.03	13.15
ENSG00000100000	FTSJ1	protein_co chrX	48476021	48486364	+	17.82	15.52
ENSG00000100000	PRR11	protein_co chr17	59155499	59204705	+	1.26	0.83
ENSG00000100000	REEP1	protein_co chr2	86213993	86338083	-	0	0.03
ENSG00000100000	ATP11A	protein_co chr13	1.13E+08	1.13E+08	+	12.43	15.06
ENSG00000100000	POLR1A	protein_co chr2	86020216	86106155	-	5.97	6.05
ENSG00000100000	LAPTM4A	protein_co chr2	20032650	20052028	-	244.35	257.78
ENSG00000100000	TTC7A	protein_co chr2	46916157	47076137	+	17.87	18.15
ENSG00000100000	IP6K2	protein_co chr3	48688003	48740353	-	48.09	44.83
ENSG00000100000	STON1-GTF	protein_co chr2	48529925	48776517	+	0.67	0.76
ENSG00000100000	SRBD1	protein_co chr2	45388680	45612165	-	2.75	3.1
ENSG00000100000	KIF2A	protein_co chr5	62306162	62537249	+	9.25	8.79
ENSG00000100000	RASGRP2	protein_co chr11	64726911	64745456	-	0.26	0.73
ENSG00000100000	PSME4	protein_co chr2	53864067	53970840	-	9.81	10.26
ENSG00000100000	IFT80	protein_co chr3	1.6E+08	1.6E+08	-	19.14	19.81
ENSG00000100000	SIRT2	protein_co chr19	38878555	38899862	-	41.84	42.53
ENSG00000100000	ERLEC1	protein_co chr2	53787044	53818819	+	28.32	28.63
ENSG00000100000	PPP2R5B	protein_co chr11	64917553	64934473	+	8.54	11.28
ENSG00000100000	PYGM	protein_co chr11	64746389	64760297	-	1.35	1.32
ENSG00000100000	PAGE1	protein_co chrX	49687450	49695993	-	0	0
ENSG00000100000	PITX1	protein_co chr5	1.35E+08	1.35E+08	-	0.04	0
ENSG00000100000	TRPC7	protein_co chr5	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	MAST4	protein_co chr5	66596361	67169595	+	8.13	10.09
ENSG00000100000	ADGRF5	protein_co chr6	46852512	46954943	-	0.03	0.02
ENSG00000100000	SDK2	protein_co chr17	73334384	73644089	-	0.01	0
ENSG00000100000	ADAM7	protein_co chr8	24440930	24526970	+	0	0
ENSG00000100000	NUP133	protein_co chr1	2.29E+08	2.3E+08	-	12.46	11.14
ENSG00000100000	NUCKS1	protein_co chr1	2.06E+08	2.06E+08	-	33.45	52.26
ENSG00000100000	VPS35	protein_co chr16	46656132	46689518	-	40.65	42.09
ENSG00000100000	DNAJA2	protein_co chr16	46955362	46973788	-	20.39	22.14
ENSG00000100000	BCL3	protein_co chr19	44747705	44760044	+	36.28	37.91
ENSG00000100000	KCNAB2	protein_co chr1	5991466	6101193	+	4.54	4.69
ENSG00000100000	ABCC9	protein_co chr12	21797401	21942529	-	4.57	4.86
ENSG00000100000	GAL	protein_co chr11	68683779	68691175	+	0	0.09
ENSG00000100000	CLEC2D	protein_co chr12	9664969	9699555	+	1.69	1.73
ENSG00000100000	FUNDC1	protein_co chrX	44523639	44543001	-	6.31	6.31

ENSG00000100000	MAOB	protein_co chrX	43766611	43882447	-	0	0
ENSG00000100000	RORA	protein_co chr15	60488284	61229319	-	2.39	2.87
ENSG00000100000	DRD4	protein_co chr11	637293	640706	+	0	0.05
ENSG00000100000	TGFBR3	protein_co chr1	91680343	91906335	-	14.2	12.99
ENSG00000100000	KIAA1107	protein_co chr1	92166985	92184723	+	0.63	0.7
ENSG00000100000	PLA2G10	protein_co chr16	14672545	14694669	-	0	0.13
ENSG00000100000	HES2	protein_co chr1	6412418	6424670	-	0.23	0.32
ENSG00000100000	ATP1B3	protein_co chr3	1.42E+08	1.42E+08	+	74.31	72.79
ENSG00000100000	NEDD4	protein_co chr15	55826922	55993746	-	30.68	30.57
ENSG00000100000	PIGB	protein_co chr15	55318960	55355648	+	7.14	8.31
ENSG00000100000	MAPK6	protein_co chr15	51952106	52067372	+	15.15	15.4
ENSG00000100000	GNB5	protein_co chr15	52115105	52191369	-	12.72	11.04
ENSG00000100000	RAB27A	protein_co chr15	55202966	55319113	-	14.28	11.8
ENSG00000100000	HDHD5	protein_co chr22	17137511	17165287	-	21.31	19.8
ENSG00000100000	UFD1L	protein_co chr22	19449910	19479215	-	31.02	27.76
ENSG00000100000	LRP6	protein_co chr12	12116025	12267012	-	11.46	11
ENSG00000100000	GUCY2C	protein_co chr12	14612632	14696585	-	0	0
ENSG00000100000	SCT	protein_co chr11	626431	627143	-	0	0
ENSG00000100000	PHRF1	protein_co chr11	576486	612222	+	9.76	9.52
ENSG00000100000	IKBKAP	protein_co chr9	1.09E+08	1.09E+08	-	7.49	9.46
ENSG00000100000	NUCB2	protein_co chr11	17208153	17349974	+	107.96	104.85
ENSG00000100000	PFN2	protein_co chr3	1.5E+08	1.5E+08	-	85.53	91.13
ENSG00000100000	PTPN3	protein_co chr9	1.09E+08	1.09E+08	-	0.49	0.48
ENSG00000100000	SPTB	protein_co chr14	64746283	64879883	-	0.41	0.23
ENSG00000100000	DAPP1	protein_co chr4	99816833	99870154	+	0	0
ENSG00000100000	FGF10	protein_co chr5	44303544	44389706	-	0	0
ENSG00000100000	SLC44A1	protein_co chr9	1.05E+08	1.05E+08	+	26.71	24.65
ENSG00000100000	TMEM260	protein_co chr14	56488354	56650606	+	4.93	4.72
ENSG00000100000	SMG6	protein_co chr17	2059839	2303771	-	49.03	41.58
ENSG00000100000	EXOC5	protein_co chr14	57200507	57269008	-	18.09	19.6
ENSG00000100000	CLTCL1	protein_co chr22	19179473	19291716	-	2.64	2.32
ENSG00000100000	FGF22	protein_co chr19	639879	644371	+	0.15	0.2
ENSG00000100000	FSTL3	protein_co chr19	676365	683399	+	29.34	28.11
ENSG00000100000	DGCR2	protein_co chr22	19036282	19122454	-	20.47	23.98
ENSG00000100000	RNF126	protein_co chr19	647526	663277	-	11.57	11.02
ENSG00000100000	MNT	protein_co chr17	2384060	2401118	-	12.53	16.98
ENSG00000100000	ZXDC	protein_co chr3	1.26E+08	1.26E+08	-	6.95	5.74
ENSG00000100000	JMJD6	protein_co chr17	76712832	76726799	-	7.35	7.94
ENSG00000100000	POLB	protein_co chr8	42338454	42371808	+	7.33	8.6
ENSG00000100000	ST6GALNA5	protein_co chr17	76624761	76643838	-	0.12	0.14
ENSG00000100000	WIP1	protein_co chr17	68420948	68457513	-	95.9	92.86
ENSG00000100000	FRMPD1	protein_co chr9	37651000	37746904	+	4.84	2.51
ENSG00000100000	GBA2	protein_co chr9	35736866	35749228	-	12.12	11.56
ENSG00000100000	NDST1	protein_co chr5	1.5E+08	1.51E+08	+	49.01	45.76
ENSG00000100000	ASNS	protein_co chr7	97852118	97872542	-	34	37.18

ENSG00000100000	AP3M2	protein_co chr8	42152946	42171673	+	9.76	8.38
ENSG00000100000	CNGB1	protein_co chr16	57882340	57971116	-	0	0
ENSG00000100000	ST6GALNA4	protein_co chr17	76565379	76586956	-	1.04	1.75
ENSG00000100000	CHAT	protein_co chr10	49609095	49665104	+	0	0
ENSG00000100000	PABPC1	protein_co chr8	1.01E+08	1.01E+08	-	653.61	739.83
ENSG00000100000	TESK2	protein_co chr1	45343883	45491166	-	2.44	2.13
ENSG00000100000	CFAP20	protein_co chr16	58113588	58129450	-	12.91	13.32
ENSG00000100000	CSNK2A2	protein_co chr16	58157907	58197920	-	22.77	23.07
ENSG00000100000	PTPN21	protein_co chr14	88465778	88554733	-	6.64	7.24
ENSG00000100000	EIF2B3	protein_co chr1	44850522	44986722	-	7.87	8.26
ENSG00000100000	CAMK2A	protein_co chr5	1.5E+08	1.5E+08	-	0.19	0.27
ENSG00000100000	TCOF1	protein_co chr5	1.5E+08	1.5E+08	+	7.43	8.09
ENSG00000100000	CDC42	protein_co chr1	22052627	22092946	+	80.71	78.9
ENSG00000100000	OSBPL3	protein_co chr7	24796539	24981634	-	11.17	12.65
ENSG00000100000	EPHA8	protein_co chr1	22563564	22603594	+	0	0
ENSG00000100000	SLC12A3	protein_co chr16	56865207	56915850	+	0	0
ENSG00000100000	RAD18	protein_co chr3	8775402	8963773	-	3.42	4.94
ENSG00000100000	ATP2B1	protein_co chr12	89588049	89709300	-	15.46	15.77
ENSG00000100000	TRPM5	protein_co chr11	2404515	2423045	-	0	0
ENSG00000100000	NCK2	protein_co chr2	1.06E+08	1.06E+08	+	12.08	11.06
ENSG00000100000	MAP4K4	protein_co chr2	1.02E+08	1.02E+08	+	135.37	139.09
ENSG00000100000	MGAT4A	protein_co chr2	98619106	98731126	-	0.19	0.1
ENSG00000100000	RPL31	protein_co chr2	1.01E+08	1.01E+08	+	1198.52	1173.53
ENSG00000100000	WDR1	protein_co chr4	10074339	10116949	-	187.44	187.68
ENSG00000100000	SNX13	protein_co chr7	17790761	17940501	-	16.93	15.92
ENSG00000100000	MS4A12	protein_co chr11	60492778	60507430	+	0	0.07
ENSG00000100000	ARHGAP10	protein_co chr4	1.48E+08	1.48E+08	+	9.11	9.36
ENSG00000100000	RPS6KA2	protein_co chr6	1.66E+08	1.67E+08	-	43.87	43.68
ENSG00000100000	ING3	protein_co chr7	1.21E+08	1.21E+08	+	5.76	4.89
ENSG00000100000	VASH1	protein_co chr14	76762189	76783015	+	7.07	9.91
ENSG00000100000	LMCD1	protein_co chr3	8501707	8574673	+	21.69	22.45
ENSG00000100000	WBSCR22	protein_co chr7	73683025	73705161	+	26.86	30.71
ENSG00000100000	SEL1L	protein_co chr14	81471549	81533861	-	55.13	57.31
ENSG00000100000	TRIP13	protein_co chr5	892643	919357	+	0.79	1.05
ENSG00000100000	ATP6AP1	protein_co chrX	1.54E+08	1.54E+08	+	70.1	71.15
ENSG00000100000	TCF3	protein_co chr19	1609290	1652605	-	37.81	40.24
ENSG00000100000	TRIB2	protein_co chr2	12716889	12742734	+	10.76	11.49
ENSG00000100000	DAZAP1	protein_co chr19	1407569	1435687	+	23.23	20.75
ENSG00000100000	MBD3	protein_co chr19	1573596	1592801	-	27.9	28.27
ENSG00000100000	PRLH	protein_co chr2	2.38E+08	2.38E+08	+	0	0
ENSG00000100000	HLTF	protein_co chr3	1.49E+08	1.49E+08	-	10.67	11.11
ENSG00000100000	FAM50A	protein_co chrX	1.54E+08	1.54E+08	+	50	48.19
ENSG00000100000	FAM3A	protein_co chrX	1.55E+08	1.55E+08	-	29.97	28.66
ENSG00000100000	CPSF1	protein_co chr8	1.44E+08	1.44E+08	-	16.05	17.6
ENSG00000100000	MYO3B	protein_co chr2	1.7E+08	1.71E+08	+	0	0.06

ENSG0000(CYBRD1	protein_co chr2	1.72E+08	1.72E+08 +	170.04	194.87
ENSG0000(CDH19	protein_co chr18	66501083	66604138 -	0.03	0.46
ENSG0000(PDCD2	protein_co chr6	1.71E+08	1.71E+08 -	22.02	23.49
ENSG0000(SLC6A15	protein_co chr12	84859488	84913615 -	2.04	2.17
ENSG0000(RDH11	protein_co chr14	67676801	67695814 -	32.72	29.92
ENSG0000(PRKACA	protein_co chr19	14091688	14118084 -	40.49	39.62
ENSG0000(ADGRL1	protein_co chr19	14147743	14206187 -	5.32	7.06
ENSG0000(SPP2	protein_co chr2	2.34E+08	2.34E+08 +	0.86	0.86
ENSG0000(ACTN1	protein_co chr14	68874143	68979440 -	108	116.59
ENSG0000(ZFYVE26	protein_co chr14	67727374	67816590 -	7.58	7.81
ENSG0000(RPS6KA6	protein_co chrX	84058346	84187907 -	0.89	1.18
ENSG0000(EPN2	protein_co chr17	19215615	19336715 +	17.47	13.13
ENSG0000(PTPN18	protein_co chr2	1.3E+08	1.3E+08 +	14.33	13.38
ENSG0000(LIMS2	protein_co chr2	1.28E+08	1.28E+08 -	12.63	14.74
ENSG0000(ASIC4	protein_co chr2	2.2E+08	2.2E+08 +	0	0
ENSG0000(SPEG	protein_co chr2	2.19E+08	2.19E+08 +	20.48	23.72
ENSG0000(LNX1	protein_co chr4	53459301	53701405 -	0.84	1.24
ENSG0000(ALDH3A2	protein_co chr17	19648136	19677598 +	18.98	22.5
ENSG0000(TFRC	protein_co chr3	1.96E+08	1.96E+08 -	77.44	75.87
ENSG0000(SREBF1	protein_co chr17	17810399	17837002 -	37.25	42.33
ENSG0000(TRPC5	protein_co chrX	1.12E+08	1.12E+08 -	0	0
ENSG0000(AFF4	protein_co chr5	1.33E+08	1.33E+08 -	25.72	25.47
ENSG0000(UBE2D1	protein_co chr10	58334975	58370753 +	8.5	5.62
ENSG0000(MPP5	protein_co chr14	67241109	67335819 +	5.9	6.42
ENSG0000(RHOBTB1	protein_co chr10	60869438	61001440 -	7.3	8.06
ENSG0000(SMC1A	protein_co chrX	53374149	53422728 -	11.06	11.7
ENSG0000(HSD17B10	protein_co chrX	53431258	53434373 -	37.2	37.31
ENSG0000(MARK2	protein_co chr11	63838928	63911019 +	7.29	7.91
ENSG0000(HMMR	protein_co chr5	1.63E+08	1.63E+08 +	0.02	0.37
ENSG0000(CHFR	protein_co chr12	1.33E+08	1.33E+08 -	12.81	14.54
ENSG0000(TRHDE	protein_co chr12	72087266	72670757 +	0.63	0.47
ENSG0000(P4HA2	protein_co chr5	1.32E+08	1.32E+08 -	222.88	215.44
ENSG0000(FCGR2B	protein_co chr1	1.62E+08	1.62E+08 +	0	0
ENSG0000(NFATC3	protein_co chr16	68084751	68229259 +	6.59	8.01
ENSG0000(TRNT1	protein_co chr3	3126916	3150879 +	4.68	6.6
ENSG0000(ACADVL	protein_co chr17	7217125	7225273 +	183.37	177.7
ENSG0000(STK10	protein_co chr5	1.72E+08	1.72E+08 -	6.47	6.5
ENSG0000(FBXW11	protein_co chr5	1.72E+08	1.72E+08 -	19.93	20.1
ENSG0000(ACAP1	protein_co chr17	7336529	7351478 +	1.3	3.85
ENSG0000(CRMP1	protein_co chr4	5748084	5893058 -	0.08	0.07
ENSG0000(EVC	protein_co chr4	5711197	5814305 +	24.64	24.86
ENSG0000(DERL2	protein_co chr17	5471251	5486811 -	34.3	28.87
ENSG0000(SIDT1	protein_co chr3	1.14E+08	1.14E+08 +	0	0
ENSG0000(NDE1	protein_co chr16	15643267	15726353 +	7.07	8.44
ENSG0000(MRVI1	protein_co chr11	10573091	10693988 -	1.79	2.25

ENSG0000(TMEM38A	protein_co chr19	16661127	16690029	+	2.22	2.57
ENSG0000(AP1M1	protein_co chr19	16197578	16245907	+	32.9	28.77
ENSG0000(PVR	protein_co chr19	44643798	44663583	+	19.83	18.44
ENSG0000(XRCC1	protein_co chr19	43543040	43580473	-	13.09	13.28
ENSG0000(SCARB1	protein_co chr12	1.25E+08	1.25E+08	-	11.46	12.39
ENSG0000(CYP2W1	protein_co chr7	983199	989640	+	0	0.08
ENSG0000(MCM2	protein_co chr3	1.28E+08	1.28E+08	+	4.64	4.64
ENSG0000(MOV10L1	protein_co chr22	50089879	50161690	+	1.98	2.9
ENSG0000(PANX2	protein_co chr22	50170731	50180294	+	2.35	2.33
ENSG0000(SELENOO	protein_co chr22	50200979	50217616	+	9.01	10.49
ENSG0000(TP63	protein_co chr3	1.9E+08	1.9E+08	+	0.1	0
ENSG0000(ALPK1	protein_co chr4	1.12E+08	1.12E+08	+	7.82	8.72
ENSG0000(LLGL2	protein_co chr17	75525080	75575208	+	0.22	0.51
ENSG0000(PDE8A	protein_co chr15	84980440	85139145	+	11.33	9.93
ENSG0000(CLCN4	protein_co chrX	10156945	10237660	+	2.31	0.72
ENSG0000(NLE1	protein_co chr17	35128753	35142315	-	5.9	7.11
ENSG0000(SDHA	protein_co chr5	218241	256700	+	42.5	42.65
ENSG0000(SMARCE1	protein_co chr17	40624962	40648508	-	66.04	76.19
ENSG0000(FNDC8	protein_co chr17	35121579	35130732	+	0.08	0
ENSG0000(GSDMB	protein_co chr17	39904595	39919854	-	3.14	3.57
ENSG0000(KDM5A	protein_co chr12	280129	389454	-	11.35	13.59
ENSG0000(ADAM11	protein_co chr17	44759031	44781846	+	0.32	0.33
ENSG0000(PPP2R3A	protein_co chr3	1.36E+08	1.36E+08	+	4.87	5.91
ENSG0000(FERMT2	protein_co chr14	52857268	52952435	-	48.67	50.89
ENSG0000(ABCB11	protein_co chr2	1.69E+08	1.69E+08	-	0	0
ENSG0000(DHRS9	protein_co chr2	1.69E+08	1.69E+08	+	0.08	0.13
ENSG0000(CD5L	protein_co chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(PTGS2	protein_co chr1	1.87E+08	1.87E+08	-	7.34	6.61
ENSG0000(IGF2BP2	protein_co chr3	1.86E+08	1.86E+08	-	24.28	23.33
ENSG0000(MAP3K13	protein_co chr3	1.85E+08	1.85E+08	+	6.89	5.97
ENSG0000(ST6GAL1	protein_co chr3	1.87E+08	1.87E+08	+	3.86	3.87
ENSG0000(TBX21	protein_co chr17	47733244	47746119	+	0	0
ENSG0000(VDAC1P1	processed_chrX	80929500	80930347	+	0	0
ENSG0000(FRY	protein_co chr13	32031300	32299122	+	2.24	3.64
ENSG0000(PICALM	protein_co chr11	85957684	86069882	-	74.95	73.92
ENSG0000(NSF	protein_co chr17	46590669	46757464	+	15.84	15.7
ENSG0000(GLI2	protein_co chr2	1.21E+08	1.21E+08	+	4.73	6.71
ENSG0000(CLASP1	protein_co chr2	1.21E+08	1.22E+08	-	12.08	14.77
ENSG0000(MRPS34	protein_co chr16	1771890	1773155	-	33.12	32.15
ENSG0000(NOTCH3	protein_co chr19	15159038	15200981	-	18.78	16.89
ENSG0000(CLNS1A	protein_co chr11	77514936	77637805	-	57.77	53.5
ENSG0000(PPP2R2C	protein_co chr4	6320578	6563600	-	0	0.07
ENSG0000(TEAD2	protein_co chr19	49340595	49362457	-	19.87	18.76
ENSG0000(EED	protein_co chr11	86244544	86278813	+	6.47	5.84
ENSG0000(CDHR2	protein_co chr5	1.77E+08	1.77E+08	+	0.05	0.03

ENSG0000(SNCB	protein_co chr5	1.77E+08	1.77E+08 -	0.38	1
ENSG0000(TSG101	protein_co chr11	18468336	18527232 -	49.27	42.77
ENSG0000(NCBP3	protein_co chr17	3802165	3846251 -	13.73	11.16
ENSG0000(ATP2A3	protein_co chr17	3923870	3964464 -	0.47	0.31
ENSG0000(CA12	protein_co chr15	63321378	63382161 -	138.09	101.01
ENSG0000(MGLL	protein_co chr3	1.28E+08	1.28E+08 -	7.57	8.18
ENSG0000(NTN4	protein_co chr12	95657807	95791152 -	22.76	22.23
ENSG0000(BCS1L	protein_co chr2	2.19E+08	2.19E+08 +	10.92	12.9
ENSG0000(NUAK1	protein_co chr12	1.06E+08	1.06E+08 -	6.58	6.73
ENSG0000(DPP8	protein_co chr15	65442463	65517704 -	10.21	9.41
ENSG0000(SLC24A1	protein_co chr15	65611366	65660995 +	3.36	3.82
ENSG0000(ZNF532	protein_co chr18	58862600	58986480 +	26.42	28.52
ENSG0000(SCARF1	protein_co chr17	1633858	1645747 -	0.48	0.37
ENSG0000(LMAN1	protein_co chr18	59327823	59359962 -	33.96	33.08
ENSG0000(HACD3	protein_co chr15	65530418	65578352 +	24.59	25.05
ENSG0000(IPCEF1	protein_co chr6	1.54E+08	1.54E+08 -	0	0.01
ENSG0000(ZZEF1	protein_co chr17	4004445	4143020 -	11.21	10.11
ENSG0000(NOX3	protein_co chr6	1.55E+08	1.55E+08 -	0	0
ENSG0000(ENO1	protein_co chr1	8861002	8879249 -	1004.26	860.33
ENSG0000(SLC12A1	protein_co chr15	48191664	48304078 +	0	0
ENSG0000(MYDGF	protein_co chr19	4641374	4670370 -	125.27	115.68
ENSG0000(ANO8	protein_co chr19	17323223	17334829 -	2.65	2.95
ENSG0000(TUBE1	protein_co chr6	1.12E+08	1.12E+08 -	10.72	7.51
ENSG0000(ARHGEF10	protein_co chr1	17539835	17697874 +	7.4	7.73
ENSG0000(TXK	protein_co chr4	48066393	48134256 -	0	0.03
ENSG0000(WSCD2	protein_co chr12	1.08E+08	1.08E+08 +	0	0
ENSG0000(KCNQ2	protein_co chr20	63400210	63472677 -	0	0
ENSG0000(TACR2	protein_co chr10	69403903	69416867 -	0.07	0.04
ENSG0000(ACTR6	protein_co chr12	1E+08	1E+08 +	5.8	6.49
ENSG0000(TIPIN	protein_co chr15	66336206	66386746 -	3.08	3.05
ENSG0000(SRI	protein_co chr7	88205118	88226993 -	66.7	69.34
ENSG0000(EIF4G3	protein_co chr1	20806292	21176888 -	29.07	32.21
ENSG0000(NUP37	protein_co chr12	1.02E+08	1.02E+08 -	19.85	14.74
ENSG0000(SEMA3A	protein_co chr7	83955777	84492724 -	1.96	2.24
ENSG0000(GTSE1	protein_co chr22	46296741	46330810 +	0.12	0.06
ENSG0000(SEMA3C	protein_co chr7	80742538	80922359 -	139.1	156.26
ENSG0000(TTC38	protein_co chr22	46267961	46294008 +	8.51	10.55
ENSG0000(ACAT1	protein_co chr11	1.08E+08	1.08E+08 +	25.58	27.08
ENSG0000(GRAMD4	protein_co chr22	46576012	46679790 +	7.15	6.86
ENSG0000(CELSR1	protein_co chr22	46360834	46537170 -	0.47	0.76
ENSG0000(WNT8B	protein_co chr10	1E+08	1E+08 +	0	0
ENSG0000(ZNF638	protein_co chr2	71276561	71435069 +	22.22	19.28
ENSG0000(SLC25A40	protein_co chr7	87833568	87876357 -	6.07	6.88
ENSG0000(TIMM21	protein_co chr18	74148511	74160530 +	16.17	16.96
ENSG0000(ADD2	protein_co chr2	70607618	70768225 -	0.51	0.2

ENSG0000(FGF4	protein_co chr11	69771016	69775403	-	0	0
ENSG0000(RASAL2	protein_co chr1	1.78E+08	1.78E+08	+	9.54	14.46
ENSG0000(VPS9D1	protein_co chr16	89707134	89720986	-	10.79	10.15
ENSG0000(ZNF37A	protein_co chr10	38094334	38150293	+	5.69	5.78
ENSG0000(MARK3	protein_co chr14	1.03E+08	1.04E+08	+	33.07	34.48
ENSG0000(SLC25A3	protein_co chr12	98593591	98606379	+	314.95	320.38
ENSG0000(FNDC3B	protein_co chr3	1.72E+08	1.72E+08	+	53.82	50.44
ENSG0000(FOSL2	protein_co chr2	28392448	28417312	+	22.87	20.98
ENSG0000(CACNG5	protein_co chr17	66835117	66885486	+	0	0
ENSG0000(CACNG4	protein_co chr17	66964910	67033398	+	0	0
ENSG0000(FRYL	protein_co chr4	48497361	48780322	-	12.83	13.7
ENSG0000(TMEM131	protein_co chr2	97756333	97995891	-	12.7	13.33
ENSG0000(FSCN1	protein_co chr7	5592823	5606655	+	47.62	50.33
ENSG0000(ACTB	protein_co chr7	5527151	5563784	-	1770.69	1818.41
ENSG0000(MOCOS	protein_co chr18	36187519	36272157	+	2.4	1.41
ENSG0000(PLD1	protein_co chr3	1.72E+08	1.72E+08	-	10.53	9.72
ENSG0000(ATP12A	protein_co chr13	24680411	24712493	+	0	0
ENSG0000(WDR62	protein_co chr19	36054881	36105106	+	0.54	1.15
ENSG0000(DLG1	protein_co chr3	1.97E+08	1.97E+08	-	23.27	23.87
ENSG0000(RAB7A	protein_co chr3	1.29E+08	1.29E+08	+	157.24	155.1
ENSG0000(BCAP29	protein_co chr7	1.08E+08	1.08E+08	+	22.05	24.25
ENSG0000(SEC31B	protein_co chr10	1E+08	1.01E+08	-	4.58	5.75
ENSG0000(SART3	protein_co chr12	1.09E+08	1.09E+08	-	13.77	13.85
ENSG0000(ARHGAP15	protein_co chr2	1.43E+08	1.44E+08	+	0	0
ENSG0000(TUBA3D	protein_co chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(PAX2	protein_co chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(EXOSC7	protein_co chr3	44975241	45036066	+	17.41	15.15
ENSG0000(KIFAP3	protein_co chr1	1.7E+08	1.7E+08	-	11.83	11.46
ENSG0000(MKRN2	protein_co chr3	12557014	12583713	+	14.4	15.61
ENSG0000(MCM6	protein_co chr2	1.36E+08	1.36E+08	-	6.25	7.02
ENSG0000(REXO2	protein_co chr11	1.14E+08	1.14E+08	+	112.63	107.95
ENSG0000(RBM7	protein_co chr11	1.14E+08	1.14E+08	+	22.83	24.49
ENSG0000(RBMS2	protein_co chr12	56521929	56596196	+	17.57	12.09
ENSG0000(BAZ2A	protein_co chr12	56595596	56636816	-	18.87	19
ENSG0000(PTPN23	protein_co chr3	47381011	47413441	+	15.22	13.84
ENSG0000(MLH1	protein_co chr3	36993332	37050918	+	12.42	11.75
ENSG0000(UNG	protein_co chr12	1.09E+08	1.09E+08	+	8.35	8.28
ENSG0000(FMO4	protein_co chr1	1.71E+08	1.71E+08	+	1.4	1.89
ENSG0000(KLHL20	protein_co chr1	1.74E+08	1.74E+08	+	8.94	7.93
ENSG0000(RGS11	protein_co chr16	268301	275980	-	3.04	2.44
ENSG0000(SLC46A1	protein_co chr17	28394756	28407197	-	3.15	1.93
ENSG0000(PLXNA2	protein_co chr1	2.08E+08	2.08E+08	-	5.39	6.99
ENSG0000(SPAG5	protein_co chr17	28577565	28599279	-	1.45	1.35
ENSG0000(ANKRD13A	protein_co chr12	1.1E+08	1.1E+08	+	55.58	52.66
ENSG0000(TPD52	protein_co chr8	80034745	80231232	-	0.59	0.36

ENSG0000(ACACB	protein_co chr12	1.09E+08	1.09E+08 +	3.4	2.54
ENSG0000(TRAF4	protein_co chr17	28743984	28750958 +	17.62	17.62
ENSG0000(PAG1	protein_co chr8	80967810	81112068 -	0.32	0.71
ENSG0000(GPATCH1	protein_co chr19	33080880	33130542 +	2.22	2.13
ENSG0000(ICAM3	protein_co chr19	10333776	10339823 -	4.33	4.44
ENSG0000(NT5C2	protein_co chr10	1.03E+08	1.03E+08 -	36.83	43.07
ENSG0000(MCAM	protein_co chr11	1.19E+08	1.19E+08 -	0.64	0.65
ENSG0000(GPC4	protein_co chrX	1.33E+08	1.33E+08 -	0	0
ENSG0000(MBNL3	protein_co chrX	1.32E+08	1.32E+08 -	1.06	1.75
ENSG0000(CAMSAP3	protein_co chr19	7595902	7618304 +	0.01	0.03
ENSG0000(RAP1GAP	protein_co chr1	21596215	21669363 -	0.51	0.96
ENSG0000(XAB2	protein_co chr19	7619525	7629565 -	13.71	13.34
ENSG0000(ARHGEF1	protein_co chr19	41883161	41930150 +	19.56	23.51
ENSG0000(STXBP2	protein_co chr19	7636881	7647873 +	12.6	15.25
ENSG0000(MAP2K7	protein_co chr19	7903843	7914478 +	10.52	10.89
ENSG0000(NMRK2	protein_co chr19	3933103	3942416 +	0	0
ENSG0000(DGKD	protein_co chr2	2.33E+08	2.33E+08 +	6.97	6.7
ENSG0000(CTTNBP2	protein_co chr7	1.18E+08	1.18E+08 -	0.05	0.01
ENSG0000(ACTL6B	protein_co chr7	1.01E+08	1.01E+08 -	0	0
ENSG0000(RARB	protein_co chr3	25174332	25597932 +	3.99	4.44
ENSG0000(TOP2B	protein_co chr3	25597905	25664907 -	23.53	26.4
ENSG0000(TM9SF3	protein_co chr10	96518109	96587452 -	34.53	39.25
ENSG0000(NFKB2	protein_co chr10	1.02E+08	1.02E+08 +	15.36	13.96
ENSG0000(UBE2T	protein_co chr1	2.02E+08	2.02E+08 -	2.05	2.76
ENSG0000(PPP1R12B	protein_co chr1	2.02E+08	2.03E+08 +	7.82	12.4
ENSG0000(DNAJC10	protein_co chr2	1.83E+08	1.83E+08 +	66.27	68.19
ENSG0000(GTF3C1	protein_co chr16	27459555	27549913 -	19.26	22.16
ENSG0000(IL4R	protein_co chr16	27313668	27364778 +	43.77	37.83
ENSG0000(USP33	protein_co chr1	77695987	77759852 -	25.26	29.16
ENSG0000(PAK3	protein_co chrX	1.11E+08	1.11E+08 +	0.22	0.14
ENSG0000(CAPN6	protein_co chrX	1.11E+08	1.11E+08 -	0	0
ENSG0000(DCX	protein_co chrX	1.11E+08	1.11E+08 -	0	0
ENSG0000(SNRPA	protein_co chr19	40750637	40765389 +	14.49	18.58
ENSG0000(SPAG6	protein_co chr10	22345445	22454224 +	0	0.08
ENSG0000(EXOSC5	protein_co chr19	41386374	41397479 -	8.28	7.73
ENSG0000(DYNC112	protein_co chr2	1.72E+08	1.72E+08 +	58.33	60.4
ENSG0000(APBB1IP	protein_co chr10	26438203	26567803 +	0.67	0.69
ENSG0000(LRCH4	protein_co chr7	1.01E+08	1.01E+08 -	11.33	12.46
ENSG0000(FAM76B	protein_co chr11	95768942	95790409 -	9.9	7.32
ENSG0000(SIRT6	protein_co chr19	4174109	4182604 -	7.67	9.26
ENSG0000(TYR	protein_co chr11	89177452	89295759 +	0	0
ENSG0000(POLD3	protein_co chr11	74493851	74669117 +	8.04	8.52
ENSG0000(ACTN2	protein_co chr1	2.37E+08	2.37E+08 +	0	0
ENSG0000(CAPZB	protein_co chr1	19338776	19485539 -	222.09	202.04
ENSG0000(GPR137B	protein_co chr1	2.36E+08	2.36E+08 +	12.29	10.74

ENSG0000(NAALAD2	protein_co chr11	90131515	90192894	+	0.15	0.37
ENSG0000(JADE1	protein_co chr4	1.29E+08	1.29E+08	+	6.59	6.49
ENSG0000(SLC25A43	protein_co chrX	1.19E+08	1.19E+08	+	12.84	12.06
ENSG0000(UBE2A	protein_co chrX	1.2E+08	1.2E+08	+	32.9	33.35
ENSG0000(FGFR1	protein_co chr8	38411138	38468834	-	86.79	95.03
ENSG0000(FKBP6	protein_co chr7	73328164	73358637	+	0	0
ENSG0000(SMC1B	protein_co chr22	45344063	45413619	-	0	0
ENSG0000(FBLN1	protein_co chr22	45502238	45601135	+	599.4	714.57
ENSG0000(ITGA8	protein_co chr10	15513949	15720125	-	0	0.04
ENSG0000(CST7	protein_co chr20	24949230	24959928	+	0	0
ENSG0000(MAP2	protein_co chr2	2.09E+08	2.1E+08	+	1.61	2.2
ENSG0000(PIAS2	protein_co chr18	46803224	46920160	-	6.74	6.39
ENSG0000(AMPH	protein_co chr7	38383704	38631567	-	0.5	0.56
ENSG0000(ARAF	protein_co chrX	47561100	47571920	+	24.96	23.49
ENSG0000(MCCC1	protein_co chr3	1.83E+08	1.83E+08	-	8.13	7.47
ENSG0000(LAMP3	protein_co chr3	1.83E+08	1.83E+08	-	0.75	0.35
ENSG0000(FAP	protein_co chr2	1.62E+08	1.62E+08	-	236.71	217.21
ENSG0000(NEBL	protein_co chr10	20779973	21174187	-	0.18	0.57
ENSG0000(ACER3	protein_co chr11	76860867	77026797	+	4.17	5.6
ENSG0000(UBE2K	protein_co chr4	39698044	39782792	+	33.14	30.37
ENSG0000(PIK3C3	protein_co chr18	41955206	42087830	+	20.13	19.64
ENSG0000(N4BP2	protein_co chr4	40056826	40158252	+	1.06	1.15
ENSG0000(TIGAR	protein_co chr12	4307763	4354593	+	8.73	9.74
ENSG0000(TULP3	protein_co chr12	2877223	2941140	+	14.79	15.08
ENSG0000(SYNJ2	protein_co chr6	1.58E+08	1.58E+08	+	12.23	10.26
ENSG0000(ADCY2	protein_co chr5	7396208	7830081	+	0	0.04
ENSG0000(PPP2R5C	protein_co chr14	1.02E+08	1.02E+08	+	34.28	33.36
ENSG0000(PMS2P1	unprocessε chr7	1E+08	1E+08	-	3.5	3.37
ENSG0000(RBFOX1	protein_co chr16	6019094	7713338	+	0	0
ENSG0000(GNB1	protein_co chr1	1785285	1891117	-	145.59	136.61
ENSG0000(HOXA9	protein_co chr7	27162435	27175180	-	0	0
ENSG0000(EDN1	protein_co chr6	12290363	12297194	+	6.57	5.36
ENSG0000(MLLT10	protein_co chr10	21524675	21743630	+	10.79	9.96
ENSG0000(ZCWPW1	protein_co chr7	1E+08	1E+08	-	2.29	2.9
ENSG0000(ADCYAP1R	protein_co chr7	31052461	31111479	+	0	0
ENSG0000(FGF20	protein_co chr8	16992169	17002181	-	0.07	0
ENSG0000(P2RY10	protein_co chrX	78945332	78961954	+	0	0
ENSG0000(ITM2A	protein_co chrX	79360384	79367667	-	0.56	0.78
ENSG0000(NRDC	protein_co chr1	51789191	51878937	-	43.15	41.39
ENSG0000(VDAC3	protein_co chr8	42391624	42405897	+	43.31	44.71
ENSG0000(PCM1	protein_co chr8	17922840	18029944	+	21.92	27.19
ENSG0000(TNRC6C	protein_co chr17	77959240	78108835	+	3.77	3.84
ENSG0000(CBFA2T2	protein_co chr20	33490075	33650036	+	5.36	6.87
ENSG0000(BRINP1	protein_co chr9	1.19E+08	1.19E+08	-	0.03	0.11
ENSG0000(ITCH	protein_co chr20	34363235	34511393	+	12.79	13.65

ENSG0000(PKD2L2	protein_co chr5	1.38E+08	1.38E+08	+	0.82	0.98
ENSG0000(TP53INP2	protein_co chr20	34704290	34713439	+	10.29	10.77
ENSG0000(SDF4	protein_co chr1	1216908	1232031	-	195.27	183.76
ENSG0000(MYH7B	protein_co chr20	34975403	35002437	+	0.83	1.05
ENSG0000(BPIFB2	protein_co chr20	33007600	33023709	+	0	0
ENSG0000(TP73	protein_co chr1	3652520	3736201	+	0	0
ENSG0000(TOLLIP	protein_co chr11	1274371	1309654	-	29.42	25.03
ENSG0000(UBE2D4	protein_co chr7	43926438	43956136	+	8.3	9.17
ENSG0000(CLUL1	protein_co chr18	596988	650334	+	0	0
ENSG0000(RUNX1T1	protein_co chr8	91954967	92103286	-	1.85	3.25
ENSG0000(CDH17	protein_co chr8	94127171	94217303	-	0	0
ENSG0000(THOC1	protein_co chr18	214520	268050	-	11.42	8.9
ENSG0000(FKBP7	protein_co chr2	1.78E+08	1.78E+08	-	30.81	36.95
ENSG0000(OSBPL6	protein_co chr2	1.78E+08	1.78E+08	+	4.61	4.8
ENSG0000(SLC1A3	protein_co chr5	36606355	36688334	+	1.17	0.03
ENSG0000(XRCC5	protein_co chr2	2.16E+08	2.16E+08	+	79.24	65.7
ENSG0000(LXN	protein_co chr3	1.59E+08	1.59E+08	-	78.89	70.89
ENSG0000(SP140	protein_co chr2	2.3E+08	2.3E+08	+	1.04	0.29
ENSG0000(MKNK1	protein_co chr1	46557408	46616843	-	16.85	19.42
ENSG0000(TNS1	protein_co chr2	2.18E+08	2.18E+08	-	45.85	44.26
ENSG0000(REXO1	protein_co chr19	1815246	1848463	-	6.67	5.16
ENSG0000(SAR1A	protein_co chr10	70147289	70170523	-	67.15	74.37
ENSG0000(CDC14A	protein_co chr1	1E+08	1.01E+08	+	0.8	0.6
ENSG0000(RAPGEF3	protein_co chr12	47734367	47771040	-	0.88	1.19
ENSG0000(CEACAM1	protein_co chr19	42507304	42561234	-	0.88	0.23
ENSG0000(SEN1	protein_co chr12	48042898	48106308	-	5.15	4.46
ENSG0000(DUSP13	protein_co chr10	75094432	75109221	-	0	0
ENSG0000(CIC	protein_co chr19	42268537	42295797	+	26.36	28.39
ENSG0000(LIPE	protein_co chr19	42401507	42427426	-	1.49	1.04
ENSG0000(FDFT1	protein_co chr8	11795573	11839309	+	57.85	67.18
ENSG0000(PAFAH1B3	protein_co chr19	42297033	42303546	-	14.21	15.04
ENSG0000(OPHN1	protein_co chrX	68042344	68433913	-	2.21	2.18
ENSG0000(AFM	protein_co chr4	73481683	73504001	+	0	0
ENSG0000(KIF22	protein_co chr16	29790719	29805385	+	8.29	10.07
ENSG0000(SCGN	protein_co chr6	25652201	25701783	+	0	0
ENSG0000(CARMIL1	protein_co chr6	25279078	25620530	+	8.88	9.38
ENSG0000(PGM1	protein_co chr1	63593276	63660245	+	31.69	30.24
ENSG0000(DDX1	protein_co chr2	15591178	15631111	+	30.28	30.05
ENSG0000(DNM2	protein_co chr19	10718079	10833488	+	41.72	44.67
ENSG0000(EPB41L2	protein_co chr6	1.31E+08	1.31E+08	-	121.31	104.39
ENSG0000(RIMS1	protein_co chr6	71886703	72403143	+	0	0
ENSG0000(MOXD1	protein_co chr6	1.32E+08	1.32E+08	-	22.63	19.39
ENSG0000(STX7	protein_co chr6	1.32E+08	1.33E+08	-	24.29	28.92
ENSG0000(RABL2B	protein_co chr22	50767501	50783663	-	16.22	13
ENSG0000(KEAP1	protein_co chr19	10486120	10503741	-	24.13	29.03

ENSG0000(DDX43	protein_co chr6	73394748	73417569	+	0.07	0.23
ENSG0000(PTPRH	protein_co chr19	55181248	55209506	-	2.13	1.63
ENSG0000(DCT	protein_co chr13	94436808	94479682	-	0.01	0.04
ENSG0000(SLC35C2	protein_co chr20	46345980	46364458	-	20.58	19.52
ENSG0000(CRYBG3	protein_co chr3	97822040	97944963	+	5.51	4.91
ENSG0000(EPHA6	protein_co chr3	96814581	97752460	+	0	0
ENSG0000(SCTR	protein_co chr2	1.19E+08	1.2E+08	-	0	0
ENSG0000(RFX3	protein_co chr9	3218297	3526004	-	1.48	1.43
ENSG0000(RIF1	protein_co chr2	1.51E+08	1.52E+08	+	4.65	4.77
ENSG0000(RAB21	protein_co chr12	71754874	71800285	+	20.03	19.83
ENSG0000(SLC4A4	protein_co chr4	71186757	71572087	+	3.01	3.73
ENSG0000(SMARCA2	protein_co chr9	1980290	2193624	+	38.67	39.66
ENSG0000(RDH8	protein_co chr19	10013249	10022279	+	0	0
ENSG0000(SESN1	protein_co chr6	1.09E+08	1.09E+08	-	14.62	15.63
ENSG0000(MID2	protein_co chrX	1.08E+08	1.08E+08	+	5.02	5.56
ENSG0000(PIH1D3	protein_co chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(COL5A3	protein_co chr19	9959561	10010471	-	2.93	3.9
ENSG0000(SRCAP	protein_co chr16	30698209	30741409	+	21.33	18.33
ENSG0000(PUM3	protein_co chr9	2720469	2844241	-	14.15	13.41
ENSG0000(CPB2	protein_co chr13	46053186	46105076	-	0	0
ENSG0000(CHRNA3	protein_co chr15	78593052	78621295	-	0.02	0
ENSG0000(KCNN2	protein_co chr5	1.14E+08	1.14E+08	+	0.06	0
ENSG0000(CNOT4	protein_co chr7	1.35E+08	1.36E+08	-	8.2	8.54
ENSG0000(PSEN1	protein_co chr14	73136418	73223691	+	22.53	22.08
ENSG0000(CPOX	protein_co chr3	98521132	98593723	-	12.81	12.79
ENSG0000(CLDND1	protein_co chr3	98497912	98523066	-	34.76	35.2
ENSG0000(MOK	protein_co chr14	1.02E+08	1.02E+08	-	6.98	10.08
ENSG0000(HSP90AA1	protein_co chr14	1.02E+08	1.02E+08	-	129.37	128.51
ENSG0000(RBL1	protein_co chr20	36996349	37095995	-	0.96	1.67
ENSG0000(DLGAP4	protein_co chr20	36306336	36528637	+	33.88	29.97
ENSG0000(IGSF9B	protein_co chr11	1.34E+08	1.34E+08	-	1.46	2.65
ENSG0000(CFHR2	protein_co chr1	1.97E+08	1.97E+08	+	0	0
ENSG0000(CROCCP3	transcribec chr1	16467436	16499257	-	7.3	12.66
ENSG0000(NDC80	protein_co chr18	2571511	2616635	+	0.56	0.87
ENSG0000(AP4E1	protein_co chr15	50908672	51005900	+	3.94	3.87
ENSG0000(RSNB1	protein_co chr1	1.14E+08	1.14E+08	-	3.11	3.5
ENSG0000(MAGI3	protein_co chr1	1.13E+08	1.14E+08	+	2.06	2.76
ENSG0000(CXCL2	protein_co chr4	74097035	74099293	-	10.63	10.18
ENSG0000(AFP	protein_co chr4	73431138	73456174	+	0.09	0.5
ENSG0000(COL4A4	protein_co chr2	2.27E+08	2.27E+08	-	25.56	24.92
ENSG0000(TCF7	protein_co chr5	1.34E+08	1.34E+08	+	0.79	1.36
ENSG0000(OSTM1	protein_co chr6	1.08E+08	1.08E+08	-	33.67	34.61
ENSG0000(CDH7	protein_co chr18	65750252	65890341	+	0	0
ENSG0000(IMPG2	protein_co chr3	1.01E+08	1.01E+08	-	0.02	0.02
ENSG0000(PCNP	protein_co chr3	1.02E+08	1.02E+08	+	64.54	50.08

ENSG0000(EXD2	protein_co chr14	69191511	69244020 +	7.57	7.58
ENSG0000(ARG2	protein_co chr14	67619798	67651720 +	3.03	3.61
ENSG0000(MEF2C	protein_co chr5	88717117	88904257 -	1.69	2.27
ENSG0000(PTPRC	protein_co chr1	1.99E+08	1.99E+08 +	0	0
ENSG0000(CACNA1S	protein_co chr1	2.01E+08	2.01E+08 -	0	0
ENSG0000(PKP1	protein_co chr1	2.01E+08	2.01E+08 +	0.07	0.03
ENSG0000(UBA5	protein_co chr3	1.33E+08	1.33E+08 +	13.25	14.43
ENSG0000(STK17B	protein_co chr2	1.96E+08	1.96E+08 -	6.12	6.45
ENSG0000(CDC14B	protein_co chr9	96490241	96619830 -	8.55	9.32
ENSG0000(ZNF510	protein_co chr9	96755865	96778129 -	2.78	3.34
ENSG0000(LRP2	protein_co chr2	1.69E+08	1.69E+08 -	0	0
ENSG0000(ZNF506	protein_co chr19	19785839	19821751 -	1.93	3.33
ENSG0000(JMJD4	protein_co chr1	2.28E+08	2.28E+08 -	7.23	6.15
ENSG0000(DUSP12	protein_co chr1	1.62E+08	1.62E+08 +	10.95	9.18
ENSG0000(AACS	protein_co chr12	1.25E+08	1.25E+08 +	9.6	9.97
ENSG0000(KIAA0141	protein_co chr5	1.42E+08	1.42E+08 +	41.2	32.93
ENSG0000(SLC13A1	protein_co chr7	1.23E+08	1.23E+08 -	0.05	0
ENSG0000(CADPS2	protein_co chr7	1.22E+08	1.23E+08 -	0.89	0.66
ENSG0000(PCDHB4	protein_co chr5	1.41E+08	1.41E+08 +	0.07	0.28
ENSG0000(PCDHA6	protein_co chr5	1.41E+08	1.41E+08 +	0.39	0.18
ENSG0000(PCDHGA2	protein_co chr5	1.41E+08	1.42E+08 +	2.3	2.35
ENSG0000(HSPB11	protein_co chr1	53916574	53945929 -	16.2	16.05
ENSG0000(PHLPP1	protein_co chr18	62715450	62980433 +	3.01	3.76
ENSG0000(ATP8B1	protein_co chr18	57646426	57803101 -	4.85	4.37
ENSG0000(IL12RB2	protein_co chr1	67307364	67396900 +	0	0
ENSG0000(SMARCD3	protein_co chr7	1.51E+08	1.51E+08 -	15.35	16.28
ENSG0000(WDR70	protein_co chr5	37379212	37753435 +	10.67	14.13
ENSG0000(FYB	protein_co chr5	39105236	39274528 -	0.22	0.22
ENSG0000(MPP4	protein_co chr2	2.02E+08	2.02E+08 -	0.56	0.22
ENSG0000(STRADB	protein_co chr2	2.01E+08	2.01E+08 +	24.87	23.27
ENSG0000(BZW1	protein_co chr2	2.01E+08	2.01E+08 +	133.05	114.83
ENSG0000(PGR	protein_co chr11	1.01E+08	1.01E+08 -	0	0
ENSG0000(C1QTNF3	protein_co chr5	34019448	34043832 -	1.07	1.08
ENSG0000(ME2	protein_co chr18	50878734	50954257 +	10.1	9.91
ENSG0000(C5orf22	protein_co chr5	31532266	31555058 +	4.79	4.91
ENSG0000(CCNT2	protein_co chr2	1.35E+08	1.35E+08 +	6.92	7.31
ENSG0000(FAM135A	protein_co chr6	70412941	70561174 +	2.3	2.66
ENSG0000(COL19A1	protein_co chr6	69866571	70209976 +	0	0
ENSG0000(EPB41L3	protein_co chr18	5392381	5630700 -	4.2	4.39
ENSG0000(COBLL1	protein_co chr2	1.65E+08	1.65E+08 -	2.18	1.88
ENSG0000(DLG3	protein_co chrX	70444861	70505490 +	3.93	4.81
ENSG0000(KCNK2	protein_co chr1	2.15E+08	2.15E+08 +	1.33	0.75
ENSG0000(SERTAD4	protein_co chr1	2.1E+08	2.1E+08 +	3.29	4.43
ENSG0000(TRAF5	protein_co chr1	2.11E+08	2.11E+08 +	8.63	6.81
ENSG0000(MRPL22	protein_co chr5	1.55E+08	1.55E+08 +	13.63	15.93

ENSG0000(GEMIN5	protein_co chr5	1.55E+08	1.55E+08	-	3.33	3.66
ENSG0000(OPRK1	protein_co chr8	53225716	53251697	-	0	0.01
ENSG0000(NFE2L1	protein_co chr17	48048329	48061487	+	214.81	206.86
ENSG0000(SEMA5B	protein_co chr3	1.23E+08	1.23E+08	-	0.09	0.5
ENSG0000(GSK3B	protein_co chr3	1.2E+08	1.2E+08	-	19.53	20.7
ENSG0000(ITGB5	protein_co chr3	1.25E+08	1.25E+08	-	264.45	266.78
ENSG0000(ERC1	protein_co chr12	990509	1495933	+	8.66	9.07
ENSG0000(XPO1	protein_co chr2	61477849	61538626	-	40.17	36.5
ENSG0000(LINC01587	processed_chr4	5524569	5527801	+	0	0
ENSG0000(RNF13	protein_co chr3	1.5E+08	1.5E+08	+	27.23	29.71
ENSG0000(TRPM3	protein_co chr9	70529063	71446904	-	1.48	2.83
ENSG0000(PALB2	protein_co chr16	23603160	23641310	-	2.72	2.74
ENSG0000(DOPEY1	protein_co chr6	83067666	83171350	+	6.73	8.63
ENSG0000(LYRM2	protein_co chr6	89568144	89638753	-	19.27	15.27
ENSG0000(BCKDHB	protein_co chr6	80106647	80346270	+	8.64	10.08
ENSG0000(KAT6A	protein_co chr8	41929479	42051990	-	5.94	6.71
ENSG0000(ZCCHC6	protein_co chr9	86287733	86354454	-	8.41	7.04
ENSG0000(ULK2	protein_co chr17	19770829	19867936	-	10.78	16.23
ENSG0000(GRHL2	protein_co chr8	1.01E+08	1.02E+08	+	0	0
ENSG0000(TNPO1	protein_co chr5	72816312	72916733	+	48.99	48.79
ENSG0000(PLOD1	protein_co chr1	11934205	11975538	+	379	345.82
ENSG0000(P2RX5	protein_co chr17	3672199	3696404	-	2.01	2.21
ENSG0000(ITGAE	protein_co chr17	3714628	3801243	-	15.39	15.52
ENSG0000(DIS3	protein_co chr13	72752169	72782096	-	8.59	8.06
ENSG0000(PIBF1	protein_co chr13	72782059	73016461	+	5.8	5.71
ENSG0000(TDRD3	protein_co chr13	60396457	60573878	+	4.47	5.19
ENSG0000(AC000111.	antisense chr7	1.18E+08	1.18E+08	-	0	0
ENSG0000(NUFIP1	protein_co chr13	44939249	44989483	-	1.34	1.15
ENSG0000(PDS5B	protein_co chr13	32586427	32778019	+	8.19	8.62
ENSG0000(OXCT1	protein_co chr5	41730065	41870519	-	13.69	15.62
ENSG0000(RRAGB	protein_co chrX	55717739	55758774	+	15.15	17.86
ENSG0000(EPYC	protein_co chr12	90963679	91005026	-	0.04	0.11
ENSG0000(CYLD	protein_co chr16	50742050	50801935	+	14.15	12.63
ENSG0000(SLC27A5	protein_co chr19	58479512	58512413	-	2.75	2.72
ENSG0000(ZNF324	protein_co chr19	58467045	58475436	+	4.16	4.04
ENSG0000(ZNF671	protein_co chr19	57719751	57727624	-	1.81	1.18
ENSG0000(ZNF416	protein_co chr19	57571566	57578927	-	2.33	2.33
ENSG0000(ZNF586	protein_co chr19	57769655	57819939	+	2.58	2.2
ENSG0000(ZNF446	protein_co chr19	58474017	58481230	+	6.07	5.66
ENSG0000(ZNF264	protein_co chr19	57191500	57222846	+	4.15	3.63
ENSG0000(RPS5	protein_co chr19	58386400	58394806	+	586.22	605.54
ENSG0000(FAT1	protein_co chr4	1.87E+08	1.87E+08	-	27.25	31.98
ENSG0000(YTHDC1	protein_co chr4	68310387	68350089	-	19.57	20.53
ENSG0000(CHMP2B	protein_co chr3	87227271	87255548	+	18.25	18.31
ENSG0000(SMAP2	protein_co chr1	40344850	40423326	+	7.36	8.47

ENSG0000(PPIE	protein_co chr1	39692182	39763914	+	20.57	21.11
ENSG0000(ZMPSTE24	protein_co chr1	40258107	40294184	+	15.08	14.56
ENSG0000(STARD7	protein_co chr2	96184859	96208825	-	21.21	22.34
ENSG0000(NOAA1	protein_co chr4	56963370	56978823	-	8.6	8.41
ENSG0000(REST	protein_co chr4	56907876	56966678	+	6.91	5.91
ENSG0000(HAL	protein_co chr12	95972662	95996365	-	0.03	0.1
ENSG0000(SSH1	protein_co chr12	1.09E+08	1.09E+08	-	12.62	15.34
ENSG0000(GSTP1	protein_co chr11	67583595	67586660	+	228.77	237.53
ENSG0000(APLP2	protein_co chr11	1.3E+08	1.3E+08	+	324.93	320.1
ENSG0000(FAM234B	protein_co chr12	13044284	13142521	+	2.58	2.6
ENSG0000(SLCO1A2	protein_co chr12	21264600	21419594	-	0	0
ENSG0000(WBP11	protein_co chr12	14784579	14803540	-	15.31	14.64
ENSG0000(EIF3I	protein_co chr1	32221928	32231604	+	88.39	92.26
ENSG0000(NKAIN1	protein_co chr1	31179745	31239554	-	0	0
ENSG0000(COL16A1	protein_co chr1	31652247	31704319	-	135.96	127.06
ENSG0000(TXLNA	protein_co chr1	32179686	32198285	+	23.81	23.72
ENSG0000(APOB	protein_co chr2	21001429	21044073	-	0.01	0
ENSG0000(NCOA1	protein_co chr2	24491914	24770702	+	7.37	7.36
ENSG0000(AGBL5	protein_co chr2	27042364	27070622	+	12.17	13.04
ENSG0000(EFR3B	protein_co chr2	25042130	25159137	+	0.25	0.25
ENSG0000(KIF3C	protein_co chr2	25926596	25982749	-	8.89	9.98
ENSG0000(RAB10	protein_co chr2	26034107	26137454	+	78.41	69.61
ENSG0000(GCKR	protein_co chr2	27496842	27523684	+	0.08	0.7
ENSG0000(HADHA	protein_co chr2	26190635	26244726	-	52.13	58.96
ENSG0000(MAPRE3	protein_co chr2	26970612	27027196	+	16.24	16.57
ENSG0000(CAD	protein_co chr2	27217390	27243943	+	7.61	7.86
ENSG0000(CD59	protein_co chr11	33698261	33736445	-	554.94	501.2
ENSG0000(CD82	protein_co chr11	44564427	44620363	+	21.5	19.75
ENSG0000(BCORL1	protein_co chrX	1.3E+08	1.3E+08	+	6.26	4.62
ENSG0000(ATRX	protein_co chrX	77504878	77786269	-	19.24	19.08
ENSG0000(AK6	protein_co chr5	69350984	69370013	-	22.66	19.52
ENSG0000(FCN1	protein_co chr9	1.35E+08	1.35E+08	-	0.02	0
ENSG0000(MYNN	protein_co chr3	1.7E+08	1.7E+08	+	5.75	5.22
ENSG0000(MECOM	protein_co chr3	1.69E+08	1.7E+08	-	10.24	9.1
ENSG0000(SCAMP1	protein_co chr5	78360583	78479071	+	19.94	20.68
ENSG0000(PREP	protein_co chr6	1.05E+08	1.05E+08	-	10.92	9.44
ENSG0000(HACE1	protein_co chr6	1.05E+08	1.05E+08	-	4.14	4.26
ENSG0000(SEH1L	protein_co chr18	12947133	12987536	+	13.68	11.33
ENSG0000(WDR47	protein_co chr1	1.09E+08	1.09E+08	-	5.19	5.44
ENSG0000(WDFY1	protein_co chr2	2.24E+08	2.24E+08	-	18.78	22.59
ENSG0000(OVGP1	protein_co chr1	1.11E+08	1.11E+08	-	0.27	0.63
ENSG0000(SLC25A24	protein_co chr1	1.08E+08	1.08E+08	-	9.13	8.28
ENSG0000(MAP3K4	protein_co chr6	1.61E+08	1.61E+08	+	7.7	6.21
ENSG0000(PILRA	protein_co chr7	1E+08	1E+08	+	1.33	1.55
ENSG0000(IGSF9	protein_co chr1	1.6E+08	1.6E+08	-	0.16	0.21

ENSG0000(ABCB1	protein_co chr7	87503633	87713323	-	0.05	0.15
ENSG0000(ZNF213	protein_co chr16	3129777	3142805	+	5.83	5.16
ENSG0000(AKR1B1	protein_co chr7	1.34E+08	1.34E+08	-	114.77	105.51
ENSG0000(CPNE3	protein_co chr8	86514427	86561498	+	22.38	26.39
ENSG0000(RRN3	protein_co chr16	15060022	15094317	-	8.35	8.92
ENSG0000(CTTN	protein_co chr11	70398404	70436584	+	149.79	149.14
ENSG0000(WNT11	protein_co chr11	76186325	76210736	-	0.06	0.03
ENSG0000(MTF2	protein_co chr2	55236595	55269347	-	10.22	9.84
ENSG0000(DDHD2	protein_co chr8	38225218	38275558	+	29.17	27.61
ENSG0000(TTC39A	protein_co chr1	51287258	51345116	-	0.37	0.25
ENSG0000(EPS15	protein_co chr1	51354263	51519328	-	23.05	19.85
ENSG0000(ORC1	protein_co chr1	52372829	52404459	-	0.21	0.12
ENSG0000(MGST2	protein_co chr4	1.4E+08	1.4E+08	+	28.41	25.6
ENSG0000(CHERP	protein_co chr19	16517889	16542530	-	9.15	8.82
ENSG0000(ATG16L1	protein_co chr2	2.33E+08	2.33E+08	+	6.68	9.25
ENSG0000(USP40	protein_co chr2	2.33E+08	2.34E+08	-	10.45	11.92
ENSG0000(POMGNT1	protein_co chr1	46188682	46220305	-	15.88	16.83
ENSG0000(RAD54L	protein_co chr1	46247688	46278473	+	0.46	0.33
ENSG0000(MAST2	protein_co chr1	45786987	46036124	+	11.33	13.14
ENSG0000(DNAJA1	protein_co chr9	33025211	33039907	+	41.61	43.2
ENSG0000(B4GALT1	protein_co chr9	33104082	33167356	-	139.79	127.87
ENSG0000(CHMP5	protein_co chr9	33264879	33282069	+	35.88	32.59
ENSG0000(NFX1	protein_co chr9	33290511	33371157	+	12.36	12.78
ENSG0000(AQP6	protein_co chr12	49967194	49977139	+	0.23	0.26
ENSG0000(DIMT1	protein_co chr5	62387254	62403939	-	9.97	9.87
ENSG0000(IPO11	protein_co chr5	62403972	62628582	+	6.24	4.51
ENSG0000(FOLH1	protein_co chr11	49146635	49208670	-	0	0
ENSG0000(EIF2AK1	protein_co chr7	6022244	6059230	-	36.26	25.4
ENSG0000(NME8	protein_co chr7	37848597	37900401	+	0	0
ENSG0000(EPDR1	protein_co chr7	37683843	37951941	+	36.52	31.86
ENSG0000(SNX10	protein_co chr7	26291895	26374329	+	0.09	0.1
ENSG0000(SEPHS1	protein_co chr10	13317424	13348298	-	14.78	16.01
ENSG0000(MRPL28	protein_co chr16	367384	370527	-	30.16	28.69
ENSG0000(HBQ1	protein_co chr16	180453	181181	+	0.14	0
ENSG0000(ITPKC	protein_co chr19	40717103	40740860	+	9.88	9.81
ENSG0000(CEACAM6	protein_co chr19	41750977	41772208	+	0	0
ENSG0000(FAT2	protein_co chr5	1.52E+08	1.52E+08	-	0.05	0.02
ENSG0000(RBM22	protein_co chr5	1.51E+08	1.51E+08	-	17.53	16.11
ENSG0000(TMED2	protein_co chr12	1.24E+08	1.24E+08	+	84.21	83.77
ENSG0000(ERO1B	protein_co chr1	2.36E+08	2.36E+08	-	1.59	1.04
ENSG0000(ZFAND6	protein_co chr15	80059568	80138393	+	32.42	36.18
ENSG0000(HSD17B2	protein_co chr16	82035004	82098534	+	0	0.01
ENSG0000(TXLNG	protein_co chrX	16786427	16844519	+	4.37	4.01
ENSG0000(PPEF1	protein_co chrX	18675909	18827921	+	0	0
ENSG0000(LAT2	protein_co chr7	74199652	74229834	+	0.48	0.3

ENSG0000(HUWE1	protein_co chrX	53532096	53686729	-	33.39	35.28
ENSG0000(ZW10	protein_co chr11	1.14E+08	1.14E+08	-	5.22	4.58
ENSG0000(ALG9	protein_co chr11	1.12E+08	1.12E+08	-	11.72	10.55
ENSG0000(MYBPC2	protein_co chr19	50432903	50466321	+	0	0
ENSG0000(NOX4	protein_co chr11	89324356	89498187	-	2.62	4.93
ENSG0000(ACOX3	protein_co chr4	8366282	8440723	-	7.52	6.88
ENSG0000(MTMR2	protein_co chr11	95832882	95925315	-	15.57	14.47
ENSG0000(PPP1R15A	protein_co chr19	48872392	48876057	+	43.67	41.26
ENSG0000(HSD17B14	protein_co chr19	48813017	48836678	-	14.71	15.36
ENSG0000(TRIP6	protein_co chr7	1.01E+08	1.01E+08	+	55.55	51.31
ENSG0000(ACHE	protein_co chr7	1.01E+08	1.01E+08	-	0.2	0.06
ENSG0000(FTL	protein_co chr19	48965301	48966878	+	4882.07	5108.77
ENSG0000(SRRT	protein_co chr7	1.01E+08	1.01E+08	+	22	24.03
ENSG0000(BAX	protein_co chr19	48954815	48961798	+	115.63	124.29
ENSG0000(NLK	protein_co chr17	28041737	28196381	+	3.47	2.92
ENSG0000(PIGS	protein_co chr17	28553383	28571872	-	50.89	44.7
ENSG0000(ADAMTS2	protein_co chr5	1.79E+08	1.79E+08	-	38.26	40.06
ENSG0000(TMPRSS11	protein_co chr4	68447449	68497604	+	0	0
ENSG0000(ATXN7L3	protein_co chr17	44191805	44200113	-	21.29	22.16
ENSG0000(PGS1	protein_co chr17	78378640	78425114	+	12.45	12.92
ENSG0000(PSMC5	protein_co chr17	63827152	63832026	+	51.2	45.49
ENSG0000(UIMC1	protein_co chr5	1.77E+08	1.77E+08	-	13.85	14.77
ENSG0000(CETP	protein_co chr16	56961850	56983845	+	0.66	0.39
ENSG0000(MMP2	protein_co chr16	55389700	55506691	+	4097.55	4032.16
ENSG0000(MT3	protein_co chr16	56589074	56591088	+	0.87	0.32
ENSG0000(LPCAT2	protein_co chr16	55508998	55586670	+	11.93	13.95
ENSG0000(GNAO1	protein_co chr16	56191347	56357457	+	0	0.15
ENSG0000(OGFOD1	protein_co chr16	56451490	56479100	+	13.16	10.55
ENSG0000(SH3BP2	protein_co chr4	2793023	2841098	+	14.13	16.37
ENSG0000(NOP14	protein_co chr4	2937933	2963385	-	10.81	9.99
ENSG0000(ADD1	protein_co chr4	2843857	2930076	+	65	66.5
ENSG0000(L2HGDH	protein_co chr14	50237563	50312548	-	1.36	1.65
ENSG0000(TXNDC16	protein_co chr14	52430590	52552522	-	5.94	5.27
ENSG0000(C14orf166	protein_co chr14	51989475	52010691	+	56.92	60.3
ENSG0000(NID2	protein_co chr14	52004803	52069228	-	98.3	114.44
ENSG0000(GMCL1	protein_co chr2	69829642	69881396	+	4.59	4.84
ENSG0000(SF3B2	protein_co chr11	66050729	66069308	+	59.48	55.73
ENSG0000(KLHL42	protein_co chr12	27780020	27803040	+	5.28	7.05
ENSG0000(GNAS	protein_co chr20	58839718	58911192	+	460.01	462.19
ENSG0000(DNM1L	protein_co chr12	32679200	32745650	+	15.19	14.71
ENSG0000(PTHLH	protein_co chr12	27958084	27972705	-	1.94	1.42
ENSG0000(PHACTR3	protein_co chr20	59577509	59847711	+	0	0
ENSG0000(ERGIC2	protein_co chr12	29337352	29381189	-	26.68	22.98
ENSG0000(TFAP2C	protein_co chr20	56629302	56639283	+	0	0
ENSG0000(AURKA	protein_co chr20	56369389	56392337	-	0.58	0.38

ENSG0000(CASS4	protein_co chr20	56412112	56460387	+	0.59	0.5
ENSG0000(PIR	protein_co chrX	15384799	15493564	-	8.77	10.84
ENSG0000(AAMDC	protein_co chr11	77821109	77918432	+	49.45	42.03
ENSG0000(RFX2	protein_co chr19	5993164	6199572	-	5.05	7.2
ENSG0000(METTL2A	protein_co chr17	62423867	62450822	+	5.54	5.52
ENSG0000(SULT2B1	protein_co chr19	48552075	48599425	+	0.05	0.2
ENSG0000(ALG6	protein_co chr1	63367590	63438562	+	3.25	3.64
ENSG0000(CNOT3	protein_co chr19	54137728	54155681	+	14.61	11.75
ENSG0000(GP6	protein_co chr19	55013705	55038264	-	0.15	0.03
ENSG0000(PTPN4	protein_co chr2	1.2E+08	1.2E+08	+	8.16	4.43
ENSG0000(DDX18	protein_co chr2	1.18E+08	1.18E+08	+	18.78	18.41
ENSG0000(KHSRP	protein_co chr19	6413348	6424794	-	77.85	82.6
ENSG0000(GNA11	protein_co chr19	3094410	3124004	+	22.13	23.09
ENSG0000(ASAP3	protein_co chr1	23428563	23484568	-	33.41	33.98
ENSG0000(EDEM2	protein_co chr20	35115357	35147364	-	20.11	21.64
ENSG0000(DNMT3B	protein_co chr20	32762385	32809356	+	0.45	0.57
ENSG0000(REM1	protein_co chr20	31475293	31484905	+	0.17	0.19
ENSG0000(TPX2	protein_co chr20	31739271	31801805	+	2.09	2.55
ENSG0000(FER1L4	transcribec chr20	35558737	35607562	-	16.32	12.89
ENSG0000(PDRG1	protein_co chr20	31944342	31952092	-	6.28	4.88
ENSG0000(EPB41L1	protein_co chr20	36091504	36232799	+	29.68	31.59
ENSG0000(SLC15A1	protein_co chr13	98683801	98752654	-	0.18	0.08
ENSG0000(DOCK9	protein_co chr13	98793429	99086625	-	11.85	21.62
ENSG0000(ANKRD10	protein_co chr13	1.11E+08	1.11E+08	-	55.49	61.54
ENSG0000(TGDS	protein_co chr13	94574051	94596257	-	3	3.11
ENSG0000(DOCK3	protein_co chr3	50675241	51384198	+	0.72	0.79
ENSG0000(C3orf18	protein_co chr3	50558025	50571027	-	10.9	10.98
ENSG0000(COQ9	protein_co chr16	57447425	57461275	+	17.17	17.62
ENSG0000(TMEM40	protein_co chr3	12733525	12769457	-	0.13	0
ENSG0000(KIF9	protein_co chr3	47228026	47283451	-	3.52	2.03
ENSG0000(ARHGAP28	protein_co chr18	6729718	6915716	+	0.81	0.19
ENSG0000(CRLS1	protein_co chr20	6006090	6040053	+	16.73	16.19
ENSG0000(DEFB127	protein_co chr20	157470	159163	+	0	0
ENSG0000(PPP1R13B	protein_co chr14	1.04E+08	1.04E+08	-	4.18	4.31
ENSG0000(ATRN	protein_co chr20	3471040	3651122	+	34.08	34.95
ENSG0000(SMOX	protein_co chr20	4120980	4187747	+	11.47	12.22
ENSG0000(SIGLEC1	protein_co chr20	3686970	3707128	-	0	0
ENSG0000(FKBP1A	protein_co chr20	1368978	1393172	-	214.76	216.37
ENSG0000(NSFL1C	protein_co chr20	1442162	1473842	-	33.14	29.15
ENSG0000(SLC4A11	protein_co chr20	3227417	3239190	-	1.52	1.49
ENSG0000(C20orf194	protein_co chr20	3249305	3407625	-	5.7	5.18
ENSG0000(ZNF343	protein_co chr20	2481817	2524702	-	4.21	7.04
ENSG0000(EBF4	protein_co chr20	2692878	2760108	+	0.36	0.5
ENSG0000(CPXM1	protein_co chr20	2794069	2800637	-	1.45	1.82
ENSG0000(MAVS	protein_co chr20	3846799	3876123	+	13.09	13.36

ENSG0000(LZTS3	protein_co chr20	3162617	3173592 -	2.48	2.35
ENSG0000(F11	protein_co chr4	1.86E+08	1.86E+08 +	0.22	0
ENSG0000(XRN2	protein_co chr20	21303304	21389827 +	35.74	34.99
ENSG0000(KIZ	protein_co chr20	21125983	21246622 +	8.11	10.14
ENSG0000(DYNLL1	protein_co chr12	1.2E+08	1.2E+08 +	195.69	193.2
ENSG0000(TESC	protein_co chr12	1.17E+08	1.17E+08 -	0	0
ENSG0000(SNX5	protein_co chr20	17941597	17968980 -	33.44	30.78
ENSG0000(RPL6	protein_co chr12	1.12E+08	1.12E+08 -	735.35	735.03
ENSG0000(SIRPG	protein_co chr20	1629152	1657779 -	0.07	0
ENSG0000(MAPKAPK5	protein_co chr12	1.12E+08	1.12E+08 +	11.31	14.25
ENSG0000(P2RX7	protein_co chr12	1.21E+08	1.21E+08 +	0.27	0.41
ENSG0000(ESF1	protein_co chr20	13714322	13784886 -	5.4	6.07
ENSG0000(RBBP9	protein_co chr20	18486540	18497243 -	5.69	6.66
ENSG0000(ANAPC5	protein_co chr12	1.21E+08	1.21E+08 -	37.24	39.06
ENSG0000(SLC23A2	protein_co chr20	4852356	5010293 -	5.44	5.22
ENSG0000(SLC8B1	protein_co chr12	1.13E+08	1.13E+08 -	14.37	13.09
ENSG0000(TMEM230	protein_co chr20	5068232	5113103 -	52.14	50.79
ENSG0000(DZANK1	protein_co chr20	18383367	18467281 -	0.87	0.72
ENSG0000(KDM2B	protein_co chr12	1.21E+08	1.22E+08 -	7.23	8.36
ENSG0000(CFAP61	protein_co chr20	20052514	20360702 +	0	0.03
ENSG0000(LHX5	protein_co chr12	1.13E+08	1.13E+08 -	0	0
ENSG0000(TASP1	protein_co chr20	13389392	13638940 -	2.31	1.84
ENSG0000(OAS1	protein_co chr12	1.13E+08	1.13E+08 +	7.26	3.3
ENSG0000(GCN1	protein_co chr12	1.2E+08	1.2E+08 -	16.9	15.66
ENSG0000(RPLP0	protein_co chr12	1.2E+08	1.2E+08 -	1742.97	1758.23
ENSG0000(PXN	protein_co chr12	1.2E+08	1.2E+08 -	64.25	70.59
ENSG0000(SIRT4	protein_co chr12	1.2E+08	1.2E+08 +	1.25	0.99
ENSG0000(RPH3A	protein_co chr12	1.13E+08	1.13E+08 +	0	0
ENSG0000(KIF16B	protein_co chr20	16272104	16573434 -	2.72	3.48
ENSG0000(TRMT6	protein_co chr20	5937235	5950558 -	2.88	2.89
ENSG0000(CHGB	protein_co chr20	5911430	5925361 +	0.34	0.75
ENSG0000(PEBP1	protein_co chr12	1.18E+08	1.18E+08 +	97.97	101.45
ENSG0000(TBX5	protein_co chr12	1.14E+08	1.14E+08 -	3.14	2.2
ENSG0000(BRAP	protein_co chr12	1.12E+08	1.12E+08 -	7.4	7.06
ENSG0000(ERP29	protein_co chr12	1.12E+08	1.12E+08 +	89.56	88.97
ENSG0000(NOS1	protein_co chr12	1.17E+08	1.17E+08 -	0	0
ENSG0000(FUS	protein_co chr16	31180110	31194871 +	48.05	47.57
ENSG0000(IGBP1	protein_co chrX	70133449	70166324 +	34.78	36.58
ENSG0000(FXD5	protein_co chr19	35154730	35169883 +	102.83	99.07
ENSG0000(ZNF302	protein_co chr19	34677639	34686397 +	11.33	14
ENSG0000(GRAMD1A	protein_co chr19	34994784	35026471 +	38.93	32.76
ENSG0000(FXD3	protein_co chr19	35115879	35124324 +	0	0.14
ENSG0000(HEPH	protein_co chrX	66162549	66268867 +	39.58	47.96
ENSG0000(CDIP1	protein_co chr16	4510675	4538828 -	13.33	14.04
ENSG0000(CMTM1	protein_co chr16	66566393	66579137 +	1.59	2.23

ENSG0000(KCNH4	protein_co chr17	42156891	42181278	-	0	0
ENSG0000(GANAB	protein_co chr11	62624826	62646726	-	245.22	230.83
ENSG0000(GMIP	protein_co chr19	19629476	19643667	-	4.43	2.85
ENSG0000(RBM41	protein_co chrX	1.07E+08	1.07E+08	-	5.55	5.59
ENSG0000(BIRC5	protein_co chr17	78214186	78225636	+	0.97	0.71
ENSG0000(LAG3	protein_co chr12	6772512	6778455	+	0.02	0.2
ENSG0000(MLF2	protein_co chr12	6747996	6767475	-	89.16	97.33
ENSG0000(OTUB2	protein_co chr14	94026329	94048930	+	0.75	0.79
ENSG0000(DDX24	protein_co chr14	94048291	94081245	-	74.4	67.63
ENSG0000(ZBTB25	protein_co chr14	64449106	64505213	-	5.33	3.82
ENSG0000(NECAP1	protein_co chr12	8076939	8097859	+	13.69	13.49
ENSG0000(ARHGAP4	protein_co chrX	1.54E+08	1.54E+08	-	0.59	0.8
ENSG0000(ANKRD24	protein_co chr19	4183354	4224814	+	0.47	0.32
ENSG0000(DHX32	protein_co chr10	1.26E+08	1.26E+08	-	13.34	11.88
ENSG0000(RCOR1	protein_co chr14	1.03E+08	1.03E+08	+	6.35	8.34
ENSG0000(GPATCH2L	protein_co chr14	76151916	76254342	+	6.9	7.82
ENSG0000(LTBP4	protein_co chr19	40592883	40629818	+	89.67	112.88
ENSG0000(BLVRB	protein_co chr19	40447789	40465840	-	74.97	81.19
ENSG0000(SLC9A1	protein_co chr1	27098815	27166981	-	15.8	14.3
ENSG0000(SPTLC1	protein_co chr9	92031999	92115384	-	25.81	28.47
ENSG0000(PAPOLA	protein_co chr14	96501433	96567111	+	38.29	38.19
ENSG0000(CCNK	protein_co chr14	99481169	99535044	+	15.13	14.64
ENSG0000(PCBP4	protein_co chr3	51957454	51974016	-	21.16	24.82
ENSG0000(RGS1	protein_co chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(YPEL3	protein_co chr16	30092314	30096915	-	80.46	80.56
ENSG0000(MRPS33	protein_co chr7	1.41E+08	1.41E+08	-	26.46	26.57
ENSG0000(NDUFB2	protein_co chr7	1.41E+08	1.41E+08	+	80.4	88.86
ENSG0000(NUDC	protein_co chr1	26900238	26946862	+	32.41	32.58
ENSG0000(MAEA	protein_co chr4	1289851	1340147	+	30.07	29.07
ENSG0000(ICAM1	protein_co chr19	10270835	10286615	+	39.03	38.33
ENSG0000(STRN4	protein_co chr19	46719507	46746994	-	27.79	31.1
ENSG0000(IRAK3	protein_co chr12	66188879	66254622	+	6.56	6.88
ENSG0000(LYZ	protein_co chr12	69348341	69354234	+	0.43	0.45
ENSG0000(SI	protein_co chr3	1.65E+08	1.65E+08	-	0	0
ENSG0000(MUL1	protein_co chr1	20499448	20508161	-	13.46	14.83
ENSG0000(TFAP4	protein_co chr16	4257186	4273075	-	2.7	4.38
ENSG0000(PDCD7	protein_co chr15	65117379	65133836	-	8.08	8.16
ENSG0000(SPG21	protein_co chr15	64963021	64990310	-	53.18	51.34
ENSG0000(FETUB	protein_co chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(DNAJB11	protein_co chr3	1.87E+08	1.87E+08	+	29.85	31.58
ENSG0000(P3H2	protein_co chr3	1.9E+08	1.9E+08	-	8.08	6.94
ENSG0000(THPO	protein_co chr3	1.84E+08	1.84E+08	-	0.11	0.29
ENSG0000(CHR1D	protein_co chr3	1.84E+08	1.84E+08	+	0.54	0.74
ENSG0000(FLT3LG	protein_co chr19	49474207	49486231	+	9	10.53
ENSG0000(RAB11FIP3	protein_co chr16	425619	523011	+	21.3	20.6

ENSG0000(GNPTG	protein_co chr16	1351923	1364113	+	74.25	68.56
ENSG0000(ZNF268	protein_co chr12	1.33E+08	1.33E+08	+	6.67	4.13
ENSG0000(GOLGA3	protein_co chr12	1.33E+08	1.33E+08	-	12.87	11
ENSG0000(PABPC4	protein_co chr1	39560816	39576790	-	68.17	66.98
ENSG0000(CD209	protein_co chr19	7739994	7747564	-	0.01	0
ENSG0000(CERS4	protein_co chr19	8206736	8262421	+	1.72	2.51
ENSG0000(MCOLN1	protein_co chr19	7522626	7534009	+	22.41	26.93
ENSG0000(USP48	protein_co chr1	21678298	21783606	-	20.06	19.73
ENSG0000(EFNB1	protein_co chrX	68828997	68842147	+	18.99	23.11
ENSG0000(PDPR	protein_co chr16	70113626	70162537	+	10.3	10.32
ENSG0000(AARS	protein_co chr16	70252295	70289543	-	66.82	66.51
ENSG0000(GLG1	protein_co chr16	74447427	74607144	-	96.41	94.25
ENSG0000(KIF4A	protein_co chrX	70290090	70420832	+	0.26	0.16
ENSG0000(TNRC6A	protein_co chr16	24610209	24827632	+	18.99	19.66
ENSG0000(PLEKHG2	protein_co chr19	39412585	39428415	+	15.89	14.18
ENSG0000(DLL3	protein_co chr19	39498895	39508481	+	0.3	0.34
ENSG0000(NAT14	protein_co chr19	55485004	55487568	+	14.2	12.23
ENSG0000(PITPNM2	protein_co chr12	1.23E+08	1.23E+08	-	5.22	4.3
ENSG0000(EXOC1	protein_co chr4	55853616	55905034	+	20.34	17.91
ENSG0000(RBM27	protein_co chr5	1.46E+08	1.46E+08	+	3.29	3.29
ENSG0000(POU4F3	protein_co chr5	1.46E+08	1.46E+08	+	0	0
ENSG0000(OSBPL8	protein_co chr12	76351797	76559809	-	115.46	97.69
ENSG0000(DTX2	protein_co chr7	76461676	76505995	+	6.81	4.34
ENSG0000(NLRC4	protein_co chr2	32224453	32265854	-	0	0
ENSG0000(PUS7	protein_co chr7	1.05E+08	1.06E+08	-	3.33	3.48
ENSG0000(LAMB4	protein_co chr7	1.08E+08	1.08E+08	-	0.22	0.13
ENSG0000(NRCAM	protein_co chr7	1.08E+08	1.08E+08	-	15.9	16.72
ENSG0000(LAMB1	protein_co chr7	1.08E+08	1.08E+08	-	312.88	307.82
ENSG0000(SLC26A4	protein_co chr7	1.08E+08	1.08E+08	+	0.09	0.14
ENSG0000(SLC26A3	protein_co chr7	1.08E+08	1.08E+08	-	0	0
ENSG0000(DLD	protein_co chr7	1.08E+08	1.08E+08	+	19.93	28.36
ENSG0000(WDR7	protein_co chr18	56651343	57036606	+	5.79	3.51
ENSG0000(TXNL1	protein_co chr18	56597208	56651600	-	34.83	39.22
ENSG0000(IL5RA	protein_co chr3	3066326	3126613	-	0	0
ENSG0000(ABCC6	protein_co chr16	16148928	16223522	-	0.11	0.59
ENSG0000(CMTM6	protein_co chr3	32481312	32503408	-	19.29	19.66
ENSG0000(ITGA6	protein_co chr2	1.72E+08	1.73E+08	+	4.17	3.64
ENSG0000(RAPGEF4	protein_co chr2	1.73E+08	1.73E+08	+	2.08	1.57
ENSG0000(MAP3K20	protein_co chr2	1.73E+08	1.73E+08	+	14.15	14.33
ENSG0000(SMPX	protein_co chrX	21705972	21758163	-	0	0
ENSG0000(FH	protein_co chr1	2.41E+08	2.42E+08	-	20.85	23.39
ENSG0000(SEL1L3	protein_co chr4	25747427	25863760	-	67.25	63.77
ENSG0000(TF	protein_co chr3	1.34E+08	1.34E+08	+	0.15	0.21
ENSG0000(CDV3	protein_co chr3	1.34E+08	1.34E+08	+	58.69	64.81
ENSG0000(MYO15A	protein_co chr17	18108706	18179802	+	1.29	1.09

ENSG0000(ALKBH5	protein_co chr17	18183078	18209954	+	33.27	34.42
ENSG0000(APOH	protein_co chr17	66212033	66256525	-	0	0
ENSG0000(NLRP1	protein_co chr17	5499427	5619424	-	21.55	21.89
ENSG0000(PITPNM3	protein_co chr17	6451264	6556494	-	0.28	0.38
ENSG0000(SPAG7	protein_co chr17	4959226	4967872	-	40.53	40.81
ENSG0000(ORC6	protein_co chr16	46689643	46698394	+	3.51	3.71
ENSG0000(ZFHX4	protein_co chr8	76681219	76867285	+	5.49	5.68
ENSG0000(SLC17A6	protein_co chr11	22338097	22379503	+	0	0
ENSG0000(CPA1	protein_co chr7	1.3E+08	1.3E+08	+	0.44	0.26
ENSG0000(ZC3HC1	protein_co chr7	1.3E+08	1.3E+08	-	9.36	7.92
ENSG0000(ESR1	protein_co chr6	1.52E+08	1.52E+08	+	0.97	0.69
ENSG0000(RGS17	protein_co chr6	1.53E+08	1.53E+08	-	2.31	2.48
ENSG0000(ANGPT2	protein_co chr8	6499651	6563409	-	0.96	0.96
ENSG0000(TMEM101	protein_co chr17	44011188	44023946	-	13.09	12.08
ENSG0000(CD200	protein_co chr3	1.12E+08	1.12E+08	+	49.41	40.28
ENSG0000(CCDC80	protein_co chr3	1.13E+08	1.13E+08	-	2153.67	2110.55
ENSG0000(CMA1	protein_co chr14	24505353	24508265	-	0	0
ENSG0000(PSME1	protein_co chr14	24136158	24138967	+	78.96	78.89
ENSG0000(PPP2R3C	protein_co chr14	35085467	35122517	-	8.63	9.73
ENSG0000(HAUS4	protein_co chr14	22946228	22957161	-	9.81	12.41
ENSG0000(JPH4	protein_co chr14	23568035	23578800	-	0.02	0
ENSG0000(MYH7	protein_co chr14	23412738	23435718	-	0	0
ENSG0000(CEBPE	protein_co chr14	23117304	23119616	-	0	0
ENSG0000(SLC7A8	protein_co chr14	23125295	23183674	-	2.34	3.07
ENSG0000(OSGEP	protein_co chr14	20446411	20455105	-	14.62	11.94
ENSG0000(SLC22A17	protein_co chr14	23346306	23352912	-	3.74	4.78
ENSG0000(RNF31	protein_co chr14	24146683	24160661	+	14.06	12.73
ENSG0000(SCFD1	protein_co chr14	30622112	30735812	+	23.66	22.83
ENSG0000(G2E3	protein_co chr14	30559123	30620063	+	4.37	4.12
ENSG0000(HECTD1	protein_co chr14	31100112	31207804	-	39.66	43.77
ENSG0000(HNRNPC	protein_co chr14	21209136	21269494	-	122.29	117.95
ENSG0000(RPGRIP1	protein_co chr14	21287939	21351301	+	0	0
ENSG0000(SUPT16H	protein_co chr14	21351472	21384266	-	22.23	21.69
ENSG0000(TOX4	protein_co chr14	21476597	21499175	+	32.47	35.71
ENSG0000(GEMIN2	protein_co chr14	39114223	39136973	+	3.33	3.69
ENSG0000(TGM1	protein_co chr14	24249114	24264432	-	0.46	0.44
ENSG0000(TINF2	protein_co chr14	24239643	24242674	-	23.79	27.11
ENSG0000(DAZL	protein_co chr3	16586792	16670306	-	0	0
ENSG0000(TBL1Y	protein_co chrY	6910686	7091683	+	0	0
ENSG0000(SEMA6A	protein_co chr5	1.16E+08	1.17E+08	-	0.88	1.14
ENSG0000(TRPM7	protein_co chr15	50552473	50686815	-	16.91	17.28
ENSG0000(TYRO3	protein_co chr15	41557675	41583586	+	4.29	6.01
ENSG0000(WDR76	protein_co chr15	43826963	43868419	+	1.16	1.65
ENSG0000(CAPN3	protein_co chr15	42359500	42412318	+	1.57	3.08
ENSG0000(SNAP23	protein_co chr15	42491233	42545356	+	49	53.43

ENSG0000(TBX15	protein_co chr1	1.19E+08	1.19E+08 -	1.47	1.52
ENSG0000(PHGDH	protein_co chr1	1.2E+08	1.2E+08 +	111.41	120.87
ENSG0000(COL9A3	protein_co chr20	62816244	62841159 +	0.79	0.98
ENSG0000(EZR	protein_co chr6	1.59E+08	1.59E+08 -	20.33	20.59
ENSG0000(MYL6	protein_co chr12	56158161	56163496 +	1391.46	1444.47
ENSG0000(AGO1	protein_co chr1	35869808	35930528 +	5.75	6.41
ENSG0000(TEKT2	protein_co chr1	36084075	36088275 +	0.11	0.21
ENSG0000(CLSPN	protein_co chr1	35720218	35769967 -	0.06	0.07
ENSG0000(RFFL	protein_co chr17	35005990	35089319 -	5.84	6.32
ENSG0000(UNC13D	protein_co chr17	75827225	75844717 -	1	0.65
ENSG0000(MFSD11	protein_co chr17	76735865	76781449 +	15.25	14.48
ENSG0000(DPYSL2	protein_co chr8	26514022	26658178 +	66.09	66.05
ENSG0000(TGFB2	protein_co chr1	2.18E+08	2.18E+08 +	27.56	20.75
ENSG0000(GPATCH2	protein_co chr1	2.17E+08	2.18E+08 -	2.75	1.8
ENSG0000(NUP50	protein_co chr22	45163841	45188015 +	9.17	9.96
ENSG0000(CDC45	protein_co chr22	19479459	19520612 +	0.29	0.74
ENSG0000(COMT	protein_co chr22	19941607	19969975 +	120.3	136.68
ENSG0000(CECR1	protein_co chr22	17178790	17221989 -	0.79	0.72
ENSG0000(XXbac-B46	processed_chr22	17787652	17811497 -	1.49	1.5
ENSG0000(VNN3	protein_co chr6	1.33E+08	1.33E+08 -	0	0.04
ENSG0000(ECHDC1	protein_co chr6	1.27E+08	1.27E+08 -	29.79	43.06
ENSG0000(LRRFIP2	protein_co chr3	37052656	37183689 -	20.81	21.14
ENSG0000(SEC22C	protein_co chr3	42547969	42601080 -	27.36	25.95
ENSG0000(XYLB	protein_co chr3	38346760	38421348 +	2.05	2.05
ENSG0000(HDAC6	protein_co chrX	48801377	48824982 +	17.62	21.4
ENSG0000(OR11I	protein_co chr19	15086980	15088221 +	0	0
ENSG0000(GABRP	protein_co chr5	1.71E+08	1.71E+08 +	0.75	0.85
ENSG0000(KRT31	protein_co chr17	41393724	41397592 -	0	0
ENSG0000(CDC6	protein_co chr17	40287633	40304657 +	0.7	0.51
ENSG0000(UPRT	protein_co chrX	75274085	75304600 +	4.47	6.09
ENSG0000(CDC23	protein_co chr5	1.38E+08	1.38E+08 -	10.31	10.39
ENSG0000(AAAS	protein_co chr12	53307456	53324864 -	24.19	25.76
ENSG0000(CBX5	protein_co chr12	54230940	54280133 -	11.03	11.05
ENSG0000(FMO2	protein_co chr1	1.71E+08	1.71E+08 +	6.94	4.05
ENSG0000(SUCO	protein_co chr1	1.73E+08	1.73E+08 +	6.81	6.08
ENSG0000(MSH2	protein_co chr2	47402969	47562311 +	4.56	4.79
ENSG0000(MAP3K1	protein_co chr5	56815574	56896152 +	0.97	1.3
ENSG0000(DHPS	protein_co chr19	12675717	12681902 -	27.42	27.83
ENSG0000(HOOK2	protein_co chr19	12763003	12872740 -	14.2	14.16
ENSG0000(NXPE1	protein_co chr11	1.15E+08	1.15E+08 -	0	0
ENSG0000(ARCN1	protein_co chr11	1.19E+08	1.19E+08 +	59.03	55.31
ENSG0000(EPB41L4B	protein_co chr9	1.09E+08	1.09E+08 -	0.05	0.15
ENSG0000(TMEM38B	protein_co chr9	1.06E+08	1.06E+08 +	3.47	2.87
ENSG0000(PSMD5	protein_co chr9	1.21E+08	1.21E+08 -	13.89	13.65
ENSG0000(PTGS1	protein_co chr9	1.22E+08	1.22E+08 +	199.98	169.19

ENSG0000(NUP188	protein_co chr9	1.29E+08	1.29E+08	+	13.48	12.67
ENSG0000(CRAT	protein_co chr9	1.29E+08	1.29E+08	-	31.27	30.17
ENSG0000(SH2D3C	protein_co chr9	1.28E+08	1.28E+08	-	0.16	0.41
ENSG0000(NANS	protein_co chr9	98056739	98083075	+	18.62	19.84
ENSG0000(TBC1D2	protein_co chr9	98198999	98255721	-	9.66	8.57
ENSG0000(WHRN	protein_co chr9	1.14E+08	1.15E+08	-	4.35	4.63
ENSG0000(PDE6C	protein_co chr10	93612588	93666010	+	0	0
ENSG0000(CWF19L1	protein_co chr10	1E+08	1E+08	-	6.17	4.66
ENSG0000(SEMA4G	protein_co chr10	1.01E+08	1.01E+08	+	2.25	2.44
ENSG0000(BTAF1	protein_co chr10	91923769	92030325	+	13.5	13.98
ENSG0000(IKZF5	protein_co chr10	1.23E+08	1.23E+08	-	3.33	3.52
ENSG0000(BLNK	protein_co chr10	96191702	96271587	-	0	0.07
ENSG0000(TLL2	protein_co chr10	96364606	96513918	-	0.16	0.07
ENSG0000(CYP26A1	protein_co chr10	93073475	93077890	+	0.05	0.09
ENSG0000(TDRD1	protein_co chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(SORBS1	protein_co chr10	95311771	95561414	-	0.06	0.09
ENSG0000(CRTAC1	protein_co chr10	97865000	98030828	-	0	0
ENSG0000(BAMBI	protein_co chr10	28677342	28682939	+	19.43	17.21
ENSG0000(IL11	protein_co chr19	55364389	55370463	-	3.72	2.06
ENSG0000(MYO3A	protein_co chr10	25934267	26212527	+	0	0
ENSG0000(WAC	protein_co chr10	28532493	28623112	+	39	42.88
ENSG0000(CREM	protein_co chr10	35126791	35212958	+	10.78	11.66
ENSG0000(NUBP2	protein_co chr16	1782901	1789191	+	19.85	20.04
ENSG0000(TPSD1	protein_co chr16	1256059	1258998	+	0	0
ENSG0000(SMIM24	protein_co chr19	3473986	3480542	-	0	0.11
ENSG0000(HIVEP1	protein_co chr6	12008762	12164999	+	6.5	6.08
ENSG0000(TREM2	protein_co chr6	41158506	41163186	-	0.46	0.64
ENSG0000(KCNK16	protein_co chr6	39314698	39322968	-	0	0
ENSG0000(CRISP3	protein_co chr6	49727384	49744437	-	0	0
ENSG0000(FKBP5	protein_co chr6	35573585	35728583	-	2.3	2.55
ENSG0000(SRPK1	protein_co chr6	35832966	35921342	-	8.12	11.1
ENSG0000(BRPF3	protein_co chr6	36196744	36232790	+	9.82	10.48
ENSG0000(MRPS18A	protein_co chr6	43671303	43687791	-	22.22	18.05
ENSG0000(PGC	protein_co chr6	41736711	41754109	-	0	0
ENSG0000(TMEM14A	protein_co chr6	52671109	52686588	+	14.15	16.38
ENSG0000(EFHC1	protein_co chr6	52362123	52529886	+	28.22	27.77
ENSG0000(NCR2	protein_co chr6	41335655	41350887	+	0	0
ENSG0000(HSP90AB1	protein_co chr6	44246166	44253888	+	243.58	241.74
ENSG0000(MLN	protein_co chr6	33794673	33804011	-	0	0
ENSG0000(CDC5L	protein_co chr6	44387525	44450426	+	5.2	5.08
ENSG0000(ITPR3	protein_co chr6	33620365	33696574	+	21.61	20.98
ENSG0000(ZNF184	protein_co chr6	27450743	27473118	-	2.12	2.04
ENSG0000(DSP	protein_co chr6	7541575	7586717	+	7.32	7.63
ENSG0000(SIRT1	protein_co chr10	67884669	67918390	+	6.08	5.75
ENSG0000(HNRNPH3	protein_co chr10	68331174	68343191	+	47.49	47.56

ENSG0000(IFT74	protein_co chr9	26947039	27062930 +	6.02	5.89
ENSG0000(JAK2	protein_co chr9	4984390	5128183 +	3.49	3.02
ENSG0000(IL12RB1	protein_co chr19	18058995	18098944 -	0.24	0.07
ENSG0000(ABL1	protein_co chr9	1.31E+08	1.31E+08 +	42.14	42.47
ENSG0000(ACOT7	protein_co chr1	6264269	6394391 -	13.77	13.03
ENSG0000(SH3GLB1	protein_co chr1	86704570	86748184 +	79.04	70.07
ENSG0000(CDC7	protein_co chr1	91500893	91525764 +	2.07	2.66
ENSG0000(SYDE2	protein_co chr1	85156873	85201046 -	0.16	0.25
ENSG0000(PCSK5	protein_co chr9	75890644	76362339 +	5.41	4.45
ENSG0000(SCD	protein_co chr10	1E+08	1E+08 +	137.82	127.9
ENSG0000(TMED1	protein_co chr19	10832438	10836318 -	20.55	16.96
ENSG0000(ABLIM1	protein_co chr10	1.14E+08	1.15E+08 -	2.59	2.06
ENSG0000(ERMP1	protein_co chr9	5765076	5833117 -	6.6	5.9
ENSG0000(RAB18	protein_co chr10	27504174	27542237 +	46.38	40.61
ENSG0000(NRP1	protein_co chr10	33177492	33336262 -	111.32	105.57
ENSG0000(HSD17B7P	transcribec chr10	38356380	38378505 +	0.95	0.98
ENSG0000(PRTFDC1	protein_co chr10	24848607	24952604 -	8.45	9.02
ENSG0000(PALMD	protein_co chr1	99645943	99694541 +	1.13	1.06
ENSG0000(TSPAN15	protein_co chr10	69451473	69507669 +	0.24	0.04
ENSG0000(H2AFY2	protein_co chr10	70052796	70112280 +	5.91	6.54
ENSG0000(WASHC2A	protein_co chr10	50067888	50133506 +	25.72	27.69
ENSG0000(MAST3	protein_co chr19	18097793	18151692 +	3.18	2.56
ENSG0000(MZF1	protein_co chr19	58561931	58573575 -	8.64	8.42
ENSG0000(OCEL1	protein_co chr19	17226204	17229219 +	15.45	12.84
ENSG0000(MYO9B	protein_co chr19	17075781	17214537 +	17.64	21.03
ENSG0000(KCNK6	protein_co chr19	38319844	38332076 +	10.04	9.45
ENSG0000(CATSPERG	protein_co chr19	38335775	38370943 +	0.26	0.22
ENSG0000(PSMD8	protein_co chr19	38374536	38383824 +	104.9	108.06
ENSG0000(FBXL19	protein_co chr16	30923055	30948783 +	6.31	8.24
ENSG0000(STX1B	protein_co chr16	30989256	31010661 -	0.68	0.98
ENSG0000(HSD3B7	protein_co chr16	30985207	30989152 +	17	15.3
ENSG0000(SETD1A	protein_co chr16	30957294	30984664 +	5.13	5.22
ENSG0000(BCL7C	protein_co chr16	30833626	30894960 -	16	13.46
ENSG0000(MAGEB2	protein_co chrX	30215560	30220089 +	0	0
ENSG0000(EFNA2	protein_co chr19	1286154	1300237 +	0	0.07
ENSG0000(CIRBP	protein_co chr19	1259384	1274880 +	168.07	164.91
ENSG0000(ATP5D	protein_co chr19	1241746	1244826 +	65.87	57.21
ENSG0000(CBARP	protein_co chr19	1228287	1238027 -	0.84	1.02
ENSG0000(PCDH11Y	protein_co chrY	5000226	5742224 +	0.21	0.08
ENSG0000(AMELY	protein_co chrY	6865918	6874027 -	0	0
ENSG0000(PRKY	transcribec chrY	7273972	7381548 +	9.9	9.83
ENSG0000(IGFALS	protein_co chr16	1790413	1794971 -	0	0
ENSG0000(HNRNPM	protein_co chr19	8444767	8489114 +	41.35	42.84
ENSG0000(2-Mar	protein_co chr19	8413270	8439017 +	20.58	26.04
ENSG0000(NDUFB7	protein_co chr19	14566078	14572062 -	97.68	90.35

ENSG0000(TECR	protein_co chr19	14517085	14565980	+	55.91	56.97
ENSG0000(TIMM13	protein_co chr19	2425624	2427894	-	47.02	41.71
ENSG0000(CDC34	protein_co chr19	531712	542092	+	22.23	26.28
ENSG0000(MTAP	protein_co chr9	21802543	21937651	+	10.85	11.12
ENSG0000(MISP	protein_co chr19	751126	764318	+	0.04	0.02
ENSG0000(CEP170B	protein_co chr14	1.05E+08	1.05E+08	+	9.9	10.54
ENSG0000(POLR2E	protein_co chr19	1086579	1095380	-	117.58	125.28
ENSG0000(POLRMT	protein_co chr19	617224	633604	-	8.74	8.38
ENSG0000(HCN2	protein_co chr19	589893	617159	+	0.51	0.36
ENSG0000(CDHR5	protein_co chr11	616565	626078	-	0	0
ENSG0000(IZUMO4	protein_co chr19	2096429	2099593	+	1.56	2.22
ENSG0000(RASSF7	protein_co chr11	560404	564021	+	7.79	4.8
ENSG0000(GADD45B	protein_co chr19	2476122	2478259	+	16.28	15.49
ENSG0000(PALM	protein_co chr19	708939	748329	+	12.59	15.28
ENSG0000(MADCAM1	protein_co chr19	489176	505342	+	0.49	0.43
ENSG0000(IGF2-AS	antisense chr11	2140501	2148666	+	0.57	0.89
ENSG0000(MKNK2	protein_co chr19	2037465	2051244	-	42.77	45.12
ENSG0000(ARVCF	protein_co chr22	19969896	20016808	-	4.2	3.68
ENSG0000(TRMT2A	protein_co chr22	20111866	20117392	-	19.71	19.31
ENSG0000(RANBP1	protein_co chr22	20115938	20127357	+	27.97	35.85
ENSG0000(ZDHC8	protein_co chr22	20129456	20148007	+	22.67	23.14
ENSG0000(KLHL22	protein_co chr22	20441519	20495883	-	14.81	16.28
ENSG0000(MED15	protein_co chr22	20495913	20587632	+	28.66	27.14
ENSG0000(SERPIND1	protein_co chr22	20773879	20787720	+	0.28	0.22
ENSG0000(SNAP29	protein_co chr22	20858983	20891218	+	19	17.18
ENSG0000(CRKL	protein_co chr22	20917426	20953749	+	14.37	13.76
ENSG0000(LZTR1	protein_co chr22	20979462	20999038	+	14	16.46
ENSG0000(MMP11	protein_co chr22	23768226	23784316	+	5.5	5.53
ENSG0000(CECR2	protein_co chr22	17359949	17558149	+	0	0.03
ENSG0000(SMARCB1	protein_co chr22	23786963	23834516	+	20.23	22.79
ENSG0000(P2RX6	protein_co chr22	21009808	21028830	+	3.53	5.48
ENSG0000(DERL3	protein_co chr22	23834503	23839128	-	0.17	0.25
ENSG0000(SLC7A4	protein_co chr22	21028718	21032840	-	1.65	2.59
ENSG0000(BCL2L13	protein_co chr22	17628855	17730855	+	28.13	29.3
ENSG0000(DDTL	protein_co chr22	23966901	23972532	+	0.43	0.33
ENSG0000(DDT	protein_co chr22	23971365	23980469	-	63.58	57.01
ENSG0000(GSTT2	polymorph chr22	23980058	23983915	+	1.04	0.86
ENSG0000(OSM	protein_co chr22	30262829	30266840	-	0	0
ENSG0000(CABIN1	protein_co chr22	24011192	24178628	+	10.26	12.57
ENSG0000(TBC1D10A	protein_co chr22	30291990	30327046	-	8.73	10.14
ENSG0000(SUSD2	protein_co chr22	24181259	24189110	+	2.29	1.86
ENSG0000(SF3A1	protein_co chr22	30331988	30356947	-	33.41	30.21
ENSG0000(GGT5	protein_co chr22	24219654	24245142	-	20.29	16.9
ENSG0000(RNF215	protein_co chr22	30368811	30421771	-	11.89	13.12
ENSG0000(SEC14L2	protein_co chr22	30396857	30425317	+	22.36	16.89

ENSG0000(SEC14L3	protein_co chr22	30447959	30472049 -	0	0
ENSG0000(SPECC1L	protein_co chr22	24270817	24417740 +	11.95	10.68
ENSG0000(PPIL2	protein_co chr22	21666009	21700015 +	15.01	15.43
ENSG0000(UPB1	protein_co chr22	24494107	24528390 +	0.06	0
ENSG0000(YPEL1	protein_co chr22	21697544	21735834 -	1.58	1.26
ENSG0000(SNRPD3	protein_co chr22	24555503	24609980 +	50.56	41.31
ENSG0000(PES1	protein_co chr22	30576625	30607083 -	31.58	28.51
ENSG0000(MAPK1	protein_co chr22	21754500	21867680 -	46.81	42.46
ENSG0000(GGT1	protein_co chr22	24583750	24629005 +	3.57	3.35
ENSG0000(PRODH	protein_co chr22	18912777	18936553 -	0.23	0.04
ENSG0000(PPM1F	protein_co chr22	21919420	21952837 -	15.17	15.25
ENSG0000(SLC35E4	protein_co chr22	30635652	30669016 +	2.73	2.19
ENSG0000(TOP3B	protein_co chr22	21957025	21982816 -	8.88	7.08
ENSG0000(CRYBB3	protein_co chr22	25199850	25207363 +	0	0
ENSG0000(CYTH4	protein_co chr22	37282027	37315345 +	0.12	0.05
ENSG0000(DGCR14	protein_co chr22	19130279	19144684 -	7.07	8.08
ENSG0000(CRYBB2P1	transcribec chr22	25448105	25520854 +	31.56	24.28
ENSG0000(MFNG	protein_co chr22	37469063	37486401 -	0	0.03
ENSG0000(CARD10	protein_co chr22	37490362	37519542 -	3.71	2.37
ENSG0000(LRP5L	protein_co chr22	25351418	25405377 -	1.22	1.36
ENSG0000(SLC25A1	protein_co chr22	19175575	19178830 -	38.42	36.57
ENSG0000(GRK3	protein_co chr22	25564849	25729294 +	0.08	0.24
ENSG0000(PLA2G3	protein_co chr22	31134809	31140607 -	0	0
ENSG0000(LGALS2	protein_co chr22	37570246	37582616 -	0	0
ENSG0000(GGA1	protein_co chr22	37608475	37633564 +	15.62	14.78
ENSG0000(HIRA	protein_co chr22	19330698	19447450 -	10.61	9.4
ENSG0000(SH3BP1	protein_co chr22	37634654	37666932 +	4.55	6.03
ENSG0000(SEZ6L	protein_co chr22	26169474	26383597 +	0	0
ENSG0000(LGALS1	protein_co chr22	37675608	37679806 +	2128.06	1996.26
ENSG0000(HPS4	protein_co chr22	26443423	26483837 -	14.8	17.32
ENSG0000(PIK3IP1	protein_co chr22	31281593	31292534 -	29.85	34.22
ENSG0000(RP1-37E16	protein_co chr22	37686414	37726503 +	0	0
ENSG0000(SRRD	protein_co chr22	26483877	26494658 +	10.51	6.38
ENSG0000(PATZ1	protein_co chr22	31325804	31346232 -	4.75	5.79
ENSG0000(TRIOBP	protein_co chr22	37697004	37776556 +	58.89	59.84
ENSG0000(TFIP11	protein_co chr22	26491225	26512505 -	12.24	13.82
ENSG0000(GCAT	protein_co chr22	37807905	37817176 +	11.84	12.31
ENSG0000(GGTL2	protein_co chr22	22644475	22647903 +	0	0
ENSG0000(CRYBB1	protein_co chr22	26599278	26618088 -	0	0
ENSG0000(ANKRD54	protein_co chr22	37830855	37849327 -	9.32	9.82
ENSG0000(EIF3L	protein_co chr22	37848868	37889407 +	206.17	199.25
ENSG0000(SNU13	protein_co chr22	41673930	41690504 -	70.8	58.99
ENSG0000(MICALL1	protein_co chr22	37905657	37942822 +	13.74	19.45
ENSG0000(POLR2F	protein_co chr22	37952607	38041915 +	39.58	43.7
ENSG0000(SOX10	protein_co chr22	37970686	37987422 -	0	0

ENSG00000100000	CCDC134	protein_co chr22	41800679	41826299	+	2.03	1.78
ENSG00000100000	DEPDC5	protein_co chr22	31753951	31907034	+	8.58	7.31
ENSG00000100000	PICK1	protein_co chr22	38056311	38075701	+	7.88	6.63
ENSG00000100000	TTC28	protein_co chr22	27978014	28679865	-	14.85	13.95
ENSG00000100000	SLC16A8	protein_co chr22	38078134	38084093	-	0.03	0.11
ENSG00000100000	CENPM	protein_co chr22	41938721	41947164	-	0.7	1.49
ENSG00000100000	3-Sep	protein_co chr22	41976272	41998221	+	0.33	0.26
ENSG00000100000	SLC5A1	protein_co chr22	32043032	32113029	+	0	0.01
ENSG00000100000	TPTEP1	transcribed chr22	16601887	16698742	+	0.94	1.51
ENSG00000100000	SLC5A4	protein_co chr22	32218476	32255341	-	0	0.03
ENSG00000100000	KDELRL3	protein_co chr22	38468062	38483447	+	41.39	39.09
ENSG00000100000	CYP2D6	protein_co chr22	42126499	42130906	-	0.13	0.27
ENSG00000100000	DDX17	protein_co chr22	38483440	38507660	-	112.92	104.93
ENSG00000100000	DMC1	protein_co chr22	38518949	38570286	-	0.18	0.16
ENSG00000100000	TCF20	protein_co chr22	42160013	42343616	-	5.27	6.01
ENSG00000100000	HSCB	protein_co chr22	28742031	28757515	+	8.37	8.82
ENSG00000100000	CBY1	protein_co chr22	38656636	38673854	+	23.55	24.47
ENSG00000100000	TOMM22	protein_co chr22	38681948	38685421	+	23.79	25.35
ENSG00000100000	RSPH14	protein_co chr22	23059415	23145021	-	0	0.05
ENSG00000100000	XBP1	protein_co chr22	28794555	28800597	-	46.12	40.58
ENSG00000100000	RTCB	protein_co chr22	32387582	32412255	-	31.29	34.19
ENSG00000100000	JOSD1	protein_co chr22	38685543	38701556	-	26.76	25.68
ENSG00000100000	FBXO7	protein_co chr22	32474676	32498829	+	39.73	40.84
ENSG00000100000	GTPBP1	protein_co chr22	38705723	38738299	+	10.85	13.36
ENSG00000100000	POLDIP3	protein_co chr22	42583721	42614962	-	25.48	26.94
ENSG00000100000	RAB36	protein_co chr22	23145326	23164350	+	3.21	2.93
ENSG00000100000	TIMP3	protein_co chr22	32801701	32863043	+	70.85	72.46
ENSG00000100000	PPP6R2	protein_co chr22	50343304	50445090	+	20.98	21.42
ENSG00000100000	SBF1	protein_co chr22	50445000	50475024	-	17.77	18.99
ENSG00000100000	SUN2	protein_co chr22	38734725	38794143	-	47.12	46.73
ENSG00000100000	CYB5R3	protein_co chr22	42617840	42649568	-	214.69	224.5
ENSG00000100000	DNAL4	protein_co chr22	38778508	38794198	-	9.63	9.91
ENSG00000100000	C22orf31	protein_co chr22	29058672	29061844	-	0	0
ENSG00000100000	MIOX	protein_co chr22	50486784	50490648	+	0.36	0.41
ENSG00000100000	LMF2	protein_co chr22	50502949	50507691	-	38.01	36.32
ENSG00000100000	RHBDD3	protein_co chr22	29259852	29268209	-	19.85	20.65
ENSG00000100000	PACSIN2	protein_co chr22	42835412	43015145	-	18.25	14.04
ENSG00000100000	TTL1	protein_co chr22	43039644	43089428	-	6.49	5.73
ENSG00000100000	RASL10A	protein_co chr22	29312933	29319679	-	0	0
ENSG00000100000	AP1B1	protein_co chr22	29327680	29423179	-	14.22	17.29
ENSG00000100000	HMGXB4	protein_co chr22	35257452	35295807	+	8.08	9.31
ENSG00000100000	TOM1	protein_co chr22	35299275	35347994	+	18.57	18.97
ENSG00000100000	NEFH	protein_co chr22	29480230	29491390	+	0.13	0.05
ENSG00000100000	CHKB	protein_co chr22	50578949	50601455	-	23.73	27.21
ENSG00000100000	BIK	protein_co chr22	43110748	43129712	+	0	0.14

ENSG0000(HMOX1	protein_co chr22	35380361	35394214	+	56.85	59.71
ENSG0000(MCAT	protein_co chr22	43132206	43143394	-	5.95	7.06
ENSG0000(THOC5	protein_co chr22	29505879	29555216	-	25.03	25.17
ENSG0000(MCM5	protein_co chr22	35400063	35425430	+	3.05	4.38
ENSG0000(APOBEC3H	protein_co chr22	39097224	39104067	+	0.17	0
ENSG0000(ARSA	protein_co chr22	50622754	50628173	-	48.06	50.32
ENSG0000(TSPO	protein_co chr22	43151514	43163242	+	158.86	155.23
ENSG0000(RASD2	protein_co chr22	35540868	35554001	+	0.05	0.03
ENSG0000(TTLL12	protein_co chr22	43166622	43187133	-	10.37	9.87
ENSG0000(CBX7	protein_co chr22	39120167	39152674	-	8.06	8.49
ENSG0000(PDGFB	protein_co chr22	39223359	39244751	-	0	0
ENSG0000(ACR	protein_co chr22	50738196	50745334	+	0.04	0
ENSG0000(CABP7	protein_co chr22	29720084	29731839	+	0	0
ENSG0000(RPL3	protein_co chr22	39312882	39320389	-	1256.04	1275.29
ENSG0000(ZMAT5	protein_co chr22	29730956	29767011	-	14.48	20.23
ENSG0000(RBFOX2	protein_co chr22	35738736	36028425	-	70.67	81.58
ENSG0000(SYNGR1	protein_co chr22	39349925	39385588	+	14.51	12.48
ENSG0000(TAB1	protein_co chr22	39399741	39437060	+	9.62	9.82
ENSG0000(ASCC2	protein_co chr22	29788608	29838304	-	17.26	15.44
ENSG0000(MTMR3	protein_co chr22	29883155	30030866	+	14.48	11.59
ENSG0000(MIEF1	protein_co chr22	39499432	39518132	+	10.18	10.36
ENSG0000(APOL4	protein_co chr22	36189124	36204840	-	2.78	2.84
ENSG0000(PNPLA5	protein_co chr22	43879678	43892013	-	0	0
ENSG0000(APOL1	protein_co chr22	36253010	36267530	+	24.55	20.29
ENSG0000(PNPLA3	protein_co chr22	43923739	43964488	+	0.26	0.22
ENSG0000(MYH9	protein_co chr22	36281281	36388018	-	198.82	220.57
ENSG0000(CACNA1I	protein_co chr22	39570753	39689737	+	0	0
ENSG0000(SAMM50	protein_co chr22	43955421	44010531	+	19.1	19.3
ENSG0000(TXN2	protein_co chr22	36467036	36482030	-	48.14	43.25
ENSG0000(FOXRED2	protein_co chr22	36487190	36507101	-	10.58	9.48
ENSG0000(GRAP2	protein_co chr22	39901082	39973721	+	0	0
ENSG0000(EIF3D	protein_co chr22	36510850	36529436	-	84.57	86.53
ENSG0000(TNRC6B	protein_co chr22	40044817	40335808	+	4.5	4.55
ENSG0000(SGSM3	protein_co chr22	40370591	40410289	+	25	21.88
ENSG0000(IFT27	protein_co chr22	36758202	36776256	-	20.36	15.36
ENSG0000(PVALB	protein_co chr22	36800684	36819479	-	0.25	0
ENSG0000(KIAA0930	protein_co chr22	45190338	45240769	-	16.11	17.5
ENSG0000(NCF4	protein_co chr22	36860988	36878015	+	0.38	0.3
ENSG0000(CSF2RB	protein_co chr22	36913628	36940449	+	4.69	3.17
ENSG0000(SLC25A17	protein_co chr22	40769630	40819399	-	8.51	9.69
ENSG0000(UPK3A	protein_co chr22	45284982	45295874	+	0	0
ENSG0000(FAM118A	protein_co chr22	45308968	45341955	+	14.54	13.93
ENSG0000(KCTD17	protein_co chr22	37051736	37063390	+	24.09	19.71
ENSG0000(ST13	protein_co chr22	40824535	40857022	-	170	186.48
ENSG0000(IL2RB	protein_co chr22	37125838	37175054	-	0.53	0.98

ENSG0000(RBX1	protein_co chr22	40951347	40973309	+	27.73	26.35
ENSG0000(EP300	protein_co chr22	41091786	41180079	+	16.25	14.95
ENSG0000(L3MBTL2	protein_co chr22	41205205	41231271	+	5.61	5.57
ENSG0000(CHADL	protein_co chr22	41229510	41240934	-	0.43	0.86
ENSG0000(RANGAP1	protein_co chr22	41245611	41286251	-	15.62	15.51
ENSG0000(ZC3H7B	protein_co chr22	41301522	41360147	+	28.23	28.48
ENSG0000(PHF5A	protein_co chr22	41459717	41468725	-	16.78	14.4
ENSG0000(ACO2	protein_co chr22	41469125	41528989	+	26.26	25.55
ENSG0000(POLR3H	protein_co chr22	41525804	41544606	-	17.65	20.14
ENSG0000(TRMU	protein_co chr22	46330875	46357340	+	10.56	11.52
ENSG0000(PMM1	protein_co chr22	41576894	41589890	-	29.96	31.1
ENSG0000(DES11	protein_co chr22	41598028	41621096	-	13.04	11.18
ENSG0000(CERK	protein_co chr22	46684411	46738261	-	11.5	10.06
ENSG0000(BRD1	protein_co chr22	49773283	49827512	-	8.85	9.04
ENSG0000(ZBED4	protein_co chr22	49853842	49890078	+	2.67	2.73
ENSG0000(MLC1	protein_co chr22	50059391	50085902	-	0.03	0.12
ENSG0000(HDAC10	protein_co chr22	50245183	50251405	-	15.1	15.77
ENSG0000(KCNK10	protein_co chr14	88180103	88326907	-	0	0
ENSG0000(ABHD4	protein_co chr14	22598237	22613215	+	34.69	40.98
ENSG0000(KHNYN	protein_co chr14	24429286	24441834	+	28.16	28.07
ENSG0000(FKBP3	protein_co chr14	45115600	45135319	-	23.15	21.65
ENSG0000(SDR39U1	protein_co chr14	24439766	24442905	-	20.25	19.99
ENSG0000(CTSG	protein_co chr14	24573522	24576260	-	0	0
ENSG0000(GZMH	protein_co chr14	24606480	24609699	-	0	0
ENSG0000(GZMB	protein_co chr14	24630954	24634267	-	0	0
ENSG0000(RBM23	protein_co chr14	22893206	22919184	-	24.31	27.4
ENSG0000(PRMT5	protein_co chr14	22920511	22929585	-	28.14	22.71
ENSG0000(COCH	protein_co chr14	30874514	30895065	+	0.05	0.28
ENSG0000(AP4S1	protein_co chr14	31025106	31096450	+	1.79	1.99
ENSG0000(POLE2	protein_co chr14	49643555	49688422	-	1.05	1.17
ENSG0000(VCPKMT	protein_co chr14	50108632	50116600	-	2.6	3.2
ENSG0000(SOS2	protein_co chr14	50117120	50231558	-	7.18	6.52
ENSG0000(CDKL1	protein_co chr14	50329404	50416461	-	0.25	0.1
ENSG0000(NIN	protein_co chr14	50719763	50831121	-	10.65	11
ENSG0000(PYGL	protein_co chr14	50857891	50944736	-	29.74	33.31
ENSG0000(TRIM9	protein_co chr14	50975262	51096061	-	0.13	0.08
ENSG0000(PSMC6	protein_co chr14	52707172	52728587	+	33.65	33.6
ENSG0000(GNPNAT1	protein_co chr14	52775194	52791668	-	8.43	8.24
ENSG0000(DDHD1	protein_co chr14	53036745	53153282	-	2.88	2.82
ENSG0000(CDKN3	protein_co chr14	54396849	54420218	+	1.43	1.66
ENSG0000(CNIH1	protein_co chr14	54423560	54441431	-	89.63	90.71
ENSG0000(CGRRF1	protein_co chr14	54509812	54539309	+	9.21	11.18
ENSG0000(ATP6V1D	protein_co chr14	67294371	67360265	-	39.14	39.66
ENSG0000(C14orf105	protein_co chr14	57469301	57493867	-	0	0.02
ENSG0000(PLEK2	protein_co chr14	67386983	67412200	-	6.46	6.29

ENSG0000(PIGH	protein_co chr14	67581955	67600287	-	8.62	9.95
ENSG0000(LRRC74A	protein_co chr14	76826372	76870302	+	0	0
ENSG0000(PSMA3	protein_co chr14	58244831	58272012	+	42.33	40.67
ENSG0000(VTI1B	protein_co chr14	67647075	67674831	-	58.71	58.84
ENSG0000(TIMM9	protein_co chr14	58408494	58427614	-	20.86	21.66
ENSG0000(GSTZ1	protein_co chr14	77320884	77331597	+	18.45	16.38
ENSG0000(KIAA0586	protein_co chr14	58427385	58551289	+	3	2.28
ENSG0000(TMED8	protein_co chr14	77335021	77377109	-	2.95	2.88
ENSG0000(SAMD15	protein_co chr14	77376689	77391497	+	0.83	0.82
ENSG0000(AHSA1	protein_co chr14	77457870	77469474	+	57.08	56.84
ENSG0000(DAAM1	protein_co chr14	59188646	59371405	+	34.74	33.76
ENSG0000(ISM2	protein_co chr14	77474394	77498850	-	0.78	0.41
ENSG0000(SPTLC2	protein_co chr14	77505997	77616773	-	5.72	5.77
ENSG0000(RIN3	protein_co chr14	92513774	92688994	+	6.37	6.37
ENSG0000(LGMN	protein_co chr14	92703807	92748702	-	45.17	50.1
ENSG0000(ALKBH1	protein_co chr14	77672404	77708020	-	4.19	4.52
ENSG0000(SNW1	protein_co chr14	77717599	77761207	-	22.43	22.05
ENSG0000(CHGA	protein_co chr14	92923080	92935293	+	0.04	0
ENSG0000(ITPK1	protein_co chr14	92936914	93116320	-	14.25	12.78
ENSG0000(DHRS7	protein_co chr14	60144120	60169856	-	24.44	24.72
ENSG0000(PPM1A	protein_co chr14	60245752	60299087	+	22.86	21.4
ENSG0000(SIX4	protein_co chr14	60709528	60724348	-	2.61	2.98
ENSG0000(GALNT16	protein_co chr14	69259277	69357033	+	2.3	2.42
ENSG0000(ASB2	protein_co chr14	93934153	93976791	-	0	0
ENSG0000(CEP128	protein_co chr14	80476983	80959517	-	0.45	1.01
ENSG0000(ERH	protein_co chr14	69380123	69398627	-	56.93	56.61
ENSG0000(HIF1A	protein_co chr14	61695513	61748259	+	191.72	195.38
ENSG0000(SUSD6	protein_co chr14	69611596	69715142	+	10.74	11.71
ENSG0000(SRSF5	protein_co chr14	69726900	69772005	+	186.87	186.22
ENSG0000(SLC10A1	protein_co chr14	69775417	69797289	-	0	0.03
ENSG0000(EIF5	protein_co chr14	1.03E+08	1.03E+08	+	170.89	146.45
ENSG0000(SERPINA4	protein_co chr14	94561091	94569913	+	0	0
ENSG0000(SLC8A3	protein_co chr14	70044217	70189070	-	0.04	0
ENSG0000(DICER1	protein_co chr14	95086228	95158010	-	8.8	11.21
ENSG0000(ZFYVE21	protein_co chr14	1.04E+08	1.04E+08	+	27.36	27.93
ENSG0000(MTHFD1	protein_co chr14	64388031	64463457	+	14.01	13.66
ENSG0000(TCL1A	protein_co chr14	95709967	95714196	-	0	0
ENSG0000(ZC3H14	protein_co chr14	88562909	88627596	+	21.35	17.77
ENSG0000(TELO2	protein_co chr16	1493344	1510457	+	6.93	6.93
ENSG0000(PCNX1	protein_co chr14	70907405	71115382	+	16.31	16.8
ENSG0000(BDKRB1	protein_co chr14	96255824	96268967	+	27.49	27.49
ENSG0000(GSKIP	protein_co chr14	96363452	96387288	+	6.12	6.01
ENSG0000(VRK1	protein_co chr14	96797304	96931722	+	1.9	1.53
ENSG0000(PSMC1	protein_co chr14	90256495	90275429	+	68.15	70.65
ENSG0000(PAPLN	protein_co chr14	73237497	73274640	+	2.52	3.43

ENSG0000(RPS6KA5)	protein_co chr14	90847862	91060636	-	1.71	2.39
ENSG0000(PPP4R3A)	protein_co chr14	91457611	91510554	-	18.69	23.24
ENSG0000(C14orf93)	protein_co chr14	22985908	23010166	-	3.11	4.69
ENSG0000(PSMB5)	protein_co chr14	23016543	23035230	-	81.76	76.27
ENSG0000(YY1)	protein_co chr14	1E+08	1E+08	+	20.81	17.47
ENSG0000(ACIN1)	protein_co chr14	23058564	23095614	-	99.47	94.46
ENSG0000(CCNB1IP1)	protein_co chr14	20311368	20333312	-	15.59	16.53
ENSG0000(TRIP11)	protein_co chr14	91965991	92040896	-	9.76	12.43
ENSG0000(APEX1)	protein_co chr14	20455191	20457772	+	84.62	85.29
ENSG0000(PABPN1)	protein_co chr14	23321289	23326185	+	57.95	55.09
ENSG0000(EFS)	protein_co chr14	23356402	23365752	-	0.02	0.04
ENSG0000(ARHGAP5)	protein_co chr14	32076114	32159728	+	15.59	15.3
ENSG0000(CINP)	protein_co chr14	1.02E+08	1.02E+08	-	16.75	19.08
ENSG0000(DHRS2)	protein_co chr14	23630115	23645639	+	0	0
ENSG0000(SRP54)	protein_co chr14	34981957	35029567	+	23.78	21.28
ENSG0000(CPNE6)	protein_co chr14	24070837	24078100	+	0	0
ENSG0000(CHD8)	protein_co chr14	21385194	21456126	-	15.35	15.4
ENSG0000(PCK2)	protein_co chr14	24094053	24110598	+	28.02	29.51
ENSG0000(KIAA0391)	protein_co chr14	35121846	35277614	+	8.77	9.06
ENSG0000(DCAF11)	protein_co chr14	24114195	24125242	+	23.63	29.16
ENSG0000(PSMA6)	protein_co chr14	35278633	35317493	+	61.36	65.42
ENSG0000(NFKBIA)	protein_co chr14	35401511	35404749	-	42.46	36.92
ENSG0000(EMC9)	protein_co chr14	24138959	24141588	-	6.74	6.83
ENSG0000(PSME2)	protein_co chr14	24143362	24147570	-	45.06	39.95
ENSG0000(BRMS1L)	protein_co chr14	35826318	35932325	+	2.79	3.04
ENSG0000(REC8)	protein_co chr14	24171853	24180257	+	2.2	1.1
ENSG0000(TM9SF1)	protein_co chr14	24189143	24195687	-	41.91	32.54
ENSG0000(SEC23A)	protein_co chr14	39031919	39109646	-	52.99	57.29
ENSG0000(GMPR2)	protein_co chr14	24232422	24239242	+	41.4	33.86
ENSG0000(PNN)	protein_co chr14	39175183	39183218	+	19.1	19.95
ENSG0000(RABGGTA)	protein_co chr14	24265538	24271739	-	10.55	11.17
ENSG0000(NFATC4)	protein_co chr14	24365673	24379604	+	72.42	76.91
ENSG0000(PLTP)	protein_co chr20	45898621	45912155	-	191.54	215.6
ENSG0000(PCIF1)	protein_co chr20	45934628	45948023	+	9.59	10.87
ENSG0000(GSS)	protein_co chr20	34928430	34955817	-	16.19	18.24
ENSG0000(MMP9)	protein_co chr20	46008908	46016561	+	0.09	0.03
ENSG0000(VSX1)	protein_co chr20	25070885	25082365	-	0	0
ENSG0000(TRPC4AP)	protein_co chr20	35002404	35092871	-	36.3	35.91
ENSG0000(PYGB)	protein_co chr20	25248069	25298014	+	33.81	38.13
ENSG0000(ABHD12)	protein_co chr20	25294743	25390983	-	21.26	25.14
ENSG0000(PROCR)	protein_co chr20	35172073	35216240	+	50.3	45
ENSG0000(GINS1)	protein_co chr20	25407727	25452628	+	0.33	0.16
ENSG0000(NINL)	protein_co chr20	25452705	25585517	-	2.73	3.72
ENSG0000(CD40)	protein_co chr20	46118272	46129863	+	3.53	3.04
ENSG0000(UQCC1)	protein_co chr20	35302566	35412141	-	15.16	15.28

ENSG0000(ZMYND8	protein_co chr20	47209214	47356889	-	6.55	8.53
ENSG0000(SGK2	protein_co chr20	43558968	43588237	+	0.3	0.37
ENSG0000(IFT52	protein_co chr20	43590931	43647296	+	21.77	21.84
ENSG0000(MYBL2	protein_co chr20	43667019	43716496	+	0.06	0.07
ENSG0000(R3HDML	protein_co chr20	44336986	44351235	+	0	0
ENSG0000(HNF4A	protein_co chr20	44355700	44434596	+	0	0
ENSG0000(NDRG3	protein_co chr20	36651766	36746078	-	13.48	13.74
ENSG0000(SLA2	protein_co chr20	36612318	36646216	-	0.03	0
ENSG0000(C2orf24	protein_co chr20	36605734	36612557	+	34.93	35.82
ENSG0000(NFATC2	protein_co chr20	51386957	51562831	-	0.05	0.02
ENSG0000(RIMS4	protein_co chr20	44751808	44810338	-	0.02	0.03
ENSG0000(PABPC1L	protein_co chr20	44910062	44959035	+	12.52	13.63
ENSG0000(STK4	protein_co chr20	44966474	45079959	+	9.91	9.4
ENSG0000(SALL4	protein_co chr20	51782331	51802520	-	0.06	0.02
ENSG0000(ADNP	protein_co chr20	50888919	50931240	-	13.46	13.92
ENSG0000(PFDN4	protein_co chr20	54207847	54228052	+	30.04	33.48
ENSG0000(DOK5	protein_co chr20	54475597	54651171	+	10.38	9.78
ENSG0000(CSTF1	protein_co chr20	56392371	56406369	+	11.55	11.82
ENSG0000(BMP7	protein_co chr20	57168748	57266629	-	0.21	0.32
ENSG0000(RAE1	protein_co chr20	57351010	57379211	+	15.95	18.77
ENSG0000(TPD52L2	protein_co chr20	63865228	63891545	+	66.37	66.13
ENSG0000(DNAJC5	protein_co chr20	63895182	63936031	+	16.37	16.99
ENSG0000(NELFCD	protein_co chr20	58981208	58995133	+	21.35	20.48
ENSG0000(CTSZ	protein_co chr20	58995185	59007247	-	92.66	92.38
ENSG0000(PRPF6	protein_co chr20	63981135	64033100	+	24.15	23.3
ENSG0000(TUBB1	protein_co chr20	59019254	59026654	+	0	0
ENSG0000(PRELID3B	protein_co chr20	59033145	59042909	-	18.5	16.46
ENSG0000(HRH3	protein_co chr20	62214970	62220267	-	0	0
ENSG0000(MTG2	protein_co chr20	62183029	62203568	+	13	11.43
ENSG0000(PSMA7	protein_co chr20	62136735	62143440	-	92.32	100.24
ENSG0000(SLCO4A1	protein_co chr20	62642445	62685785	+	0.06	0
ENSG0000(NTSR1	protein_co chr20	62708837	62762771	+	0	0
ENSG0000(MRGBP	protein_co chr20	62796453	62801738	+	6.96	6.16
ENSG0000(TCFL5	protein_co chr20	62841115	62861763	-	4.47	5.8
ENSG0000(DIDO1	protein_co chr20	62877738	62937952	-	14.43	14.32
ENSG0000(GID8	protein_co chr20	62938119	62948475	+	11.27	11.3
ENSG0000(SLC17A9	protein_co chr20	62952647	62969585	+	0.15	0.15
ENSG0000(BIRC7	protein_co chr20	63235883	63240507	+	0	0.05
ENSG0000(NKAIN4	protein_co chr20	63240784	63272694	-	0	0.53
ENSG0000(ARFGAP1	protein_co chr20	63272785	63289793	+	34.02	34.75
ENSG0000(AVP	protein_co chr20	3082556	3084724	-	0	0
ENSG0000(COL20A1	protein_co chr20	63293186	63334851	+	0	0.01
ENSG0000(CHRNA4	protein_co chr20	63343223	63378401	-	0	0
ENSG0000(EEF1A2	protein_co chr20	63488013	63499315	-	0	0.04
ENSG0000(PTK6	protein_co chr20	63528001	63537370	-	0.02	0.08

ENSG0000(GMEB2	protein_co chr20	63587602	63627041	-	4.32	4.51
ENSG0000(C20orf27	protein_co chr20	3753508	3768387	-	18.14	16.94
ENSG0000(SPEF1	protein_co chr20	3777504	3781448	-	0.07	0.04
ENSG0000(CDC25B	protein_co chr20	3786772	3806121	+	39.85	43.3
ENSG0000(ISM1	protein_co chr20	13221771	13300651	+	0.06	0.02
ENSG0000(RNF24	protein_co chr20	3927309	4015582	-	17.8	16.96
ENSG0000(ARFRP1	protein_co chr20	63698642	63708025	-	17.47	17.52
ENSG0000(NDUFAF5	protein_co chr20	13784950	13821582	+	4.81	8.74
ENSG0000(SEL1L2	protein_co chr20	13849247	13996443	-	0	0
ENSG0000(TRIB3	protein_co chr20	362835	397559	+	36.37	33.76
ENSG0000(RASSF2	protein_co chr20	4780023	4823645	-	0.62	1.15
ENSG0000(CSNK2A1	protein_co chr20	473591	543821	-	44.59	40.82
ENSG0000(SLC52A3	protein_co chr20	760080	776015	-	0	0
ENSG0000(RPS10P5	processed_chr20	839447	839977	-	0	0
ENSG0000(ANGPT4	protein_co chr20	869899	916317	-	0	0.02
ENSG0000(RSPO4	protein_co chr20	958452	1002264	-	0.02	0.07
ENSG0000(CDS2	protein_co chr20	5126786	5197887	+	13.51	14.07
ENSG0000(PROKR2	protein_co chr20	5302040	5314369	-	0	0
ENSG0000(HM13	protein_co chr20	31514428	31577923	+	102.19	99.59
ENSG0000(SNPH	protein_co chr20	1266316	1309328	+	3.36	3.44
ENSG0000(MYLK2	protein_co chr20	31819308	31834689	+	0.02	0
ENSG0000(SIRPB1	protein_co chr20	1563521	1620061	-	5.82	4.19
ENSG0000(SEC23B	protein_co chr20	18507493	18561415	+	9.21	8.21
ENSG0000(FERMT1	protein_co chr20	6074845	6123544	-	3.02	2.94
ENSG0000(HAO1	protein_co chr20	7882981	7940474	-	0.06	0
ENSG0000(PDYN	protein_co chr20	1978757	1994285	-	0	0
ENSG0000(CCM2L	protein_co chr20	32010450	32032180	+	0	0
ENSG0000(PLCB4	protein_co chr20	9068763	9481242	+	0.35	0.38
ENSG0000(MYL9	protein_co chr20	36541484	36551447	+	211.33	239.22
ENSG0000(HCK	protein_co chr20	32052188	32101856	+	0	0
ENSG0000(TM9SF4	protein_co chr20	32109506	32167258	+	29.51	27.37
ENSG0000(TLDC2	protein_co chr20	36876121	36894235	+	0	0
ENSG0000(CRNKL1	protein_co chr20	20034368	20056046	-	7.59	8.28
ENSG0000(POFUT1	protein_co chr20	32207880	32238667	+	17.44	19.43
ENSG0000(SAMHD1	protein_co chr20	36890229	36951843	-	10.98	10.4
ENSG0000(PAK5	protein_co chr20	9537389	9839041	-	0	0
ENSG0000(KIF3B	protein_co chr20	32277664	32335011	+	10.38	10.52
ENSG0000(MROH8	protein_co chr20	37101226	37179588	-	2.13	1.36
ENSG0000(NOP56	protein_co chr20	2652145	2658393	+	38.24	32.82
ENSG0000(MANBAL	protein_co chr20	37289638	37317260	+	33.27	33.16
ENSG0000(IDH3B	protein_co chr20	2658395	2664219	-	22.8	26.99
ENSG0000(MAPRE1	protein_co chr20	32819893	32850405	+	20.82	22.24
ENSG0000(JAG1	protein_co chr20	10637684	10674107	-	9.05	10.97
ENSG0000(CDK5RAP1	protein_co chr20	33358839	33401561	-	7.09	8.21
ENSG0000(SNTA1	protein_co chr20	33407955	33443892	-	14.8	14.89

ENSG0000(OXT	protein_co chr20	3071620	3072517	+	0	0
ENSG0000(TTI1	protein_co chr20	37983007	38033468	-	6.4	5.26
ENSG0000(E2F1	protein_co chr20	33675683	33686404	-	0.5	0.36
ENSG0000(RPRD1B	protein_co chr20	38033546	38127780	+	5.87	7.17
ENSG0000(PXMP4	protein_co chr20	33702754	33720319	-	4.75	5.05
ENSG0000(CHMP4B	protein_co chr20	33811304	33854366	+	71.22	72.24
ENSG0000(BPI	protein_co chr20	38260149	38337505	+	1.01	2.75
ENSG0000(CST9L	protein_co chr20	23564732	23568749	-	0	0
ENSG0000(SLC32A1	protein_co chr20	38724462	38729372	+	0	0
ENSG0000(CST3	protein_co chr20	23626706	23638473	-	443.72	447.09
ENSG0000(ASIP	protein_co chr20	34194569	34269344	+	0.48	0.92
ENSG0000(CST4	protein_co chr20	23685640	23689040	-	0	0
ENSG0000(ACR5	protein_co chr20	38748442	38772520	+	2.45	2.32
ENSG0000(WFDC2	protein_co chr20	45469706	45481532	+	0	0.32
ENSG0000(AHCY	protein_co chr20	34280268	34311802	-	35.36	39.15
ENSG0000(PPP1R16B	protein_co chr20	38805705	38923024	+	0.01	0
ENSG0000(SPINT3	protein_co chr20	45512461	45515624	-	0	0
ENSG0000(FAM83D	protein_co chr20	38926312	38953106	+	0.14	0.08
ENSG0000(EPPIN	protein_co chr20	45540626	45547752	-	0.32	0.43
ENSG0000(DHX35	protein_co chr20	38962299	39039723	+	3.41	3.41
ENSG0000(DNTTIP1	protein_co chr20	45791937	45811427	+	18.39	18.8
ENSG0000(MAP1LC3A	protein_co chr20	34546854	34560345	+	26.68	29.14
ENSG0000(SYNDIG1	protein_co chr20	24469199	24666616	+	0	0
ENSG0000(PIGU	protein_co chr20	34560542	34698790	-	8.41	10
ENSG0000(TNNC2	protein_co chr20	45823214	45833745	-	1.24	1
ENSG0000(ACOT8	protein_co chr20	45841721	45857406	-	12.51	13.94
ENSG0000(APMAP	protein_co chr20	24962925	24992979	-	75.34	76.35
ENSG0000(CELF4	protein_co chr18	37243047	37566037	-	0	0
ENSG0000(ZNF516	protein_co chr18	76358190	76495190	-	6.41	4.95
ENSG0000(CDH20	protein_co chr18	61333582	61555773	+	0	0.15
ENSG0000(ADNP2	protein_co chr18	80109031	80147523	+	5.71	5.76
ENSG0000(RBFA	protein_co chr18	80034358	80046397	+	11.03	12.48
ENSG0000(USP14	protein_co chr18	158383	214629	+	18.23	17.94
ENSG0000(VAPA	protein_co chr18	9914002	9960021	+	145.58	134.91
ENSG0000(METTL4	protein_co chr18	2537525	2571509	-	4.26	2.67
ENSG0000(LPIN2	protein_co chr18	2916994	3013315	-	10.51	10.41
ENSG0000(SMCHD1	protein_co chr18	2655738	2805017	+	8.22	7.88
ENSG0000(MYOM1	protein_co chr18	3066807	3220108	-	0.52	0.42
ENSG0000(MYL12A	protein_co chr18	3247481	3256236	+	237.54	216.6
ENSG0000(CEP76	protein_co chr18	12661833	12702777	-	2.67	2.56
ENSG0000(ST8SIA5	protein_co chr18	46667821	46759257	-	0.11	0
ENSG0000(CEP192	protein_co chr18	12991362	13125052	+	3.71	4.45
ENSG0000(RNMT	protein_co chr18	13726660	13764558	+	11.59	10.66
ENSG0000(SMAD7	protein_co chr18	48919853	48950711	-	5.87	7.05
ENSG0000(LIPG	protein_co chr18	49560699	49599182	+	4.9	4.87

ENSG0000(LAMA1	protein_co chr18	6941744	7117814	-	5.6	4.58
ENSG0000(RNF125	protein_co chr18	32018372	32073213	+	0.1	0.13
ENSG0000(ANKRD12	protein_co chr18	9136228	9285985	+	10.18	9.04
ENSG0000(NOL4	protein_co chr18	33851100	34224952	-	0	0
ENSG0000(POLI	protein_co chr18	54269404	54321266	+	10.83	9.45
ENSG0000(MIB1	protein_co chr18	21704957	21870957	+	7.66	7.5
ENSG0000(RBBP8	protein_co chr18	22798261	23026488	+	6.4	7.43
ENSG0000(RIOK3	protein_co chr18	23452823	23486603	+	23.35	24.81
ENSG0000(CSTF2	protein_co chrX	1.01E+08	1.01E+08	+	4.22	5.6
ENSG0000(H2BFM	protein_co chrX	1.04E+08	1.04E+08	+	0.42	0.29
ENSG0000(MXRA5	protein_co chrX	3308565	3346641	-	0.85	0.83
ENSG0000(VSIG1	protein_co chrX	1.08E+08	1.08E+08	+	0.74	0.28
ENSG0000(PSMD10	protein_co chrX	1.08E+08	1.08E+08	-	24.31	24.27
ENSG0000(ATG4A	protein_co chrX	1.08E+08	1.08E+08	+	4.97	5.46
ENSG0000(STS	protein_co chrX	7219456	7354810	+	7.26	6.28
ENSG0000(TBL1X	protein_co chrX	9463295	9719743	+	6.53	5.59
ENSG0000(GPR143	protein_co chrX	9725346	9786297	-	0	0
ENSG0000(PGRMC1	protein_co chrX	1.19E+08	1.19E+08	+	51.93	45.8
ENSG0000(POLA1	protein_co chrX	24693919	24996986	+	1.62	1.7
ENSG0000(MID1	protein_co chrX	10445310	10833654	-	11.26	9.03
ENSG0000(NKAP	protein_co chrX	1.2E+08	1.2E+08	-	4.4	4.78
ENSG0000(RHOXF1	protein_co chrX	1.2E+08	1.2E+08	-	0	0
ENSG0000(NXT2	protein_co chrX	1.1E+08	1.1E+08	+	1.92	2.73
ENSG0000(GUCY2F	protein_co chrX	1.09E+08	1.09E+08	-	0.03	0.02
ENSG0000(ATP1B4	protein_co chrX	1.2E+08	1.2E+08	+	0.01	0.06
ENSG0000(MCTS2P	processed_ chr20	31547504	31548049	+	1.07	2.31
ENSG0000(ALG13	protein_co chrX	1.12E+08	1.12E+08	+	13.17	12.48
ENSG0000(PRPS2	protein_co chrX	12791355	12824222	+	21.97	26.77
ENSG0000(TLR8	protein_co chrX	12906620	12923169	+	0	0
ENSG0000(MOSPD1	protein_co chrX	1.35E+08	1.35E+08	-	14.2	12.93
ENSG0000(AMMECR1	protein_co chrX	1.1E+08	1.1E+08	-	3.2	3.21
ENSG0000(CHRDL1	protein_co chrX	1.11E+08	1.11E+08	-	0	0
ENSG0000(WDR13	protein_co chrX	48590042	48608867	+	41.76	44.28
ENSG0000(SUV39H1	protein_co chrX	48695554	48709012	+	1.27	1.56
ENSG0000(PAGE4	protein_co chrX	49829260	49833973	+	0	0
ENSG0000(SRPX	protein_co chrX	38149336	38220924	-	278.9	255.85
ENSG0000(GLRA2	protein_co chrX	14529298	14731812	+	0	0
ENSG0000(XIAP	protein_co chrX	1.24E+08	1.24E+08	+	7.83	5.6
ENSG0000(STAG2	protein_co chrX	1.24E+08	1.24E+08	+	23.87	23.22
ENSG0000(ATP11C	protein_co chrX	1.4E+08	1.4E+08	-	13.12	14.29
ENSG0000(MCF2	protein_co chrX	1.4E+08	1.4E+08	-	0.03	0.06
ENSG0000(F9	protein_co chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000(ABCD1	protein_co chrX	1.54E+08	1.54E+08	+	6.08	5.17
ENSG0000(CCDC22	protein_co chrX	49235467	49250526	+	5.67	4.26
ENSG0000(CACNA1F	protein_co chrX	49205063	49233371	-	0	0

ENSG0000(SYP	protein_co chrX	49187804	49200259	-	0.53	0.31
ENSG0000(PLP2	protein_co chrX	49171926	49175239	+	89.3	85.31
ENSG0000(BMX	protein_co chrX	15464246	15556529	+	0.07	0
ENSG0000(LUZP4	protein_co chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(PLS3	protein_co chrX	1.16E+08	1.16E+08	+	195.5	207.18
ENSG0000(NAA10	protein_co chrX	1.54E+08	1.54E+08	-	38.03	35.43
ENSG0000(RENBP	protein_co chrX	1.54E+08	1.54E+08	-	0.98	1.11
ENSG0000(ELF4	protein_co chrX	1.3E+08	1.3E+08	-	7.75	7.96
ENSG0000(SMARCA1	protein_co chrX	1.29E+08	1.3E+08	-	26.44	26.03
ENSG0000(MTMR8	protein_co chrX	64268081	64395431	-	0	0
ENSG0000(ASB9	protein_co chrX	15235288	15270467	-	0.11	0.18
ENSG0000(ZC3H12B	protein_co chrX	65366638	65507887	+	0.05	0.04
ENSG0000(RBBP7	protein_co chrX	16839283	16870414	-	44.14	47.29
ENSG0000(PPP1R2P9	protein_co chrX	42777368	42778247	-	0	0
ENSG0000(KCND1	protein_co chrX	48961378	48971569	-	1.55	1.53
ENSG0000(OPN1LW	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(SLC25A14	protein_co chrX	1.3E+08	1.3E+08	+	6.85	6.82
ENSG0000(FMR1	protein_co chrX	1.48E+08	1.48E+08	+	12.17	15.98
ENSG0000(PIM2	protein_co chrX	48913182	48919024	-	1.87	2.18
ENSG0000(SCML2	protein_co chrX	18239314	18354727	-	0.14	0.19
ENSG0000(SLC35A2	protein_co chrX	48903180	48911958	-	13.73	11.3
ENSG0000(PQBP1	protein_co chrX	48897912	48903143	+	29.8	29.79
ENSG0000(RS1	protein_co chrX	18639910	18672109	-	0	0
ENSG0000(PCSK1N	protein_co chrX	48831094	48835633	-	0.52	0.63
ENSG0000(EMD	protein_co chrX	1.54E+08	1.54E+08	+	35.15	41.97
ENSG0000(TAZ	protein_co chrX	1.54E+08	1.54E+08	+	13.82	16.94
ENSG0000(RAB40A	protein_co chrX	1.03E+08	1.03E+08	+	0	0.08
ENSG0000(PGK1	protein_co chrX	78065188	78129296	+	658.03	554.06
ENSG0000(GATA1	protein_co chrX	48786554	48794311	+	0	0
ENSG0000(MAGT1	protein_co chrX	77826364	77895593	-	25.23	25.4
ENSG0000(SMS	protein_co chrX	21940573	21994835	+	33.69	31.67
ENSG0000(PHEX	protein_co chrX	22032441	22251310	+	0.17	0.36
ENSG0000(UBL4A	protein_co chrX	1.54E+08	1.54E+08	-	19.54	14.27
ENSG0000(CD99L2	protein_co chrX	1.51E+08	1.51E+08	-	42.93	43.8
ENSG0000(EEA1	protein_co chr12	92770637	92929331	-	21.37	19.98
ENSG0000(GPR50	protein_co chrX	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP2	protein_co chrX	46836940	46882358	+	3.31	2.62
ENSG0000(JADE3	protein_co chrX	46912276	47061242	+	3.47	3.59
ENSG0000(CDK16	protein_co chrX	47217860	47229997	+	42.86	47.48
ENSG0000(USP11	protein_co chrX	47232690	47248328	+	14.96	17.81
ENSG0000(PCYT1B	protein_co chrX	24558087	24672677	-	0.04	0.2
ENSG0000(BRS3	protein_co chrX	1.36E+08	1.36E+08	+	0	0
ENSG0000(HTATSF1	protein_co chrX	1.36E+08	1.37E+08	+	11.65	11.71
ENSG0000(VGLL1	protein_co chrX	1.37E+08	1.37E+08	+	0	0
ENSG0000(CD40LG	protein_co chrX	1.37E+08	1.37E+08	+	0	0

ENSG0000(TIMP1	protein_co chrX	47582313	47586789	+	3915.21	3826.82
ENSG0000(KLHL4	protein_co chrX	87517749	87670050	+	6.06	5.43
ENSG0000(GABRE	protein_co chrX	1.52E+08	1.52E+08	-	21.48	23.46
ENSG0000(PCDH11X	protein_co chrX	91779261	92623230	+	0.02	0.05
ENSG0000(FGD1	protein_co chrX	54445454	54496166	-	4.99	6.39
ENSG0000(PIN4	protein_co chrX	72181353	72302926	+	13.05	11.58
ENSG0000(PORCN	protein_co chrX	48508962	48520814	+	11.49	11.18
ENSG0000(ITIH6	protein_co chrX	54748899	54798240	-	0	0
ENSG0000(MAGED2	protein_co chrX	54807599	54816012	+	99.87	105.71
ENSG0000(RBM3	protein_co chrX	48574449	48579066	+	156.4	158.45
ENSG0000(KLF8	protein_co chrX	56232421	56287889	+	0.96	0.74
ENSG0000(SRPX2	protein_co chrX	1.01E+08	1.01E+08	+	23.64	22.92
ENSG0000(SYTL4	protein_co chrX	1.01E+08	1.01E+08	-	2.73	1.91
ENSG0000(ZDHHC15	protein_co chrX	75368427	75523502	-	0	0.23
ENSG0000(CENPI	protein_co chrX	1.01E+08	1.01E+08	+	0.39	0.39
ENSG0000(DRP2	protein_co chrX	1.01E+08	1.01E+08	+	1.81	1.68
ENSG0000(TAF7L	protein_co chrX	1.01E+08	1.01E+08	-	0.05	0.16
ENSG0000(PBDC1	protein_co chrX	76172936	76178204	+	18.49	18.25
ENSG0000(GLA	protein_co chrX	1.01E+08	1.01E+08	-	14.2	11.92
ENSG0000(ARMCX3	protein_co chrX	1.02E+08	1.02E+08	+	35.84	32.65
ENSG0000(BEX4	protein_co chrX	1.03E+08	1.03E+08	+	1.4	1.35
ENSG0000(RUBCNL	protein_co chr13	46342000	46438190	-	0	0
ENSG0000(NALCN	protein_co chr13	1.01E+08	1.01E+08	-	0.16	0.12
ENSG0000(FGF14	protein_co chr13	1.02E+08	1.02E+08	-	0.02	0
ENSG0000(HTR2A	protein_co chr13	46831550	46897076	-	3.12	1.44
ENSG0000(NDFIP2	protein_co chr13	79481124	79556075	+	16.73	15.21
ENSG0000(TNFSF13B	protein_co chr13	1.08E+08	1.08E+08	+	2.36	3.4
ENSG0000(FNDC3A	protein_co chr13	48975912	49209779	+	11.73	12.59
ENSG0000(MLNR	protein_co chr13	49220338	49222377	+	0	0
ENSG0000(CDADC1	protein_co chr13	49247925	49293485	+	5.19	4.21
ENSG0000(CAB39L	protein_co chr13	49308650	49444126	-	2.98	2.46
ENSG0000(KLF5	protein_co chr13	73054976	73077542	+	7.14	4.84
ENSG0000(STK24	protein_co chr13	98445185	98577940	-	26.43	21.7
ENSG0000(ACP5	protein_co chr19	11574660	11579008	-	0.57	0.6
ENSG0000(DNAJC3	protein_co chr13	95677139	95794989	+	12.52	12.31
ENSG0000(UGGT2	protein_co chr13	95801580	96053482	-	20.7	17.5
ENSG0000(ARHGEF7	protein_co chr13	1.11E+08	1.11E+08	+	15.84	13.74
ENSG0000(FGF9	protein_co chr13	21671383	21704498	+	0	0
ENSG0000(SGCG	protein_co chr13	23180952	23325165	+	0.25	0.15
ENSG0000(PARP4	protein_co chr13	24420926	24512810	-	42.21	43.29
ENSG0000(SUPT20H	protein_co chr13	37009312	37059713	-	16.11	15.77
ENSG0000(MRPS31	protein_co chr13	40729135	40771173	-	5.65	5.2
ENSG0000(SLC25A15	protein_co chr13	40789412	40810111	+	2.13	3.08
ENSG0000(KPNA3	protein_co chr13	49699307	49792921	-	9.56	9.96
ENSG0000(FLT1	protein_co chr13	28300344	28495145	-	0.87	0.71

ENSG0000(RGCC	protein_co chr13	41457559	41470882	+	0	0.07
ENSG0000(VWA8	protein_co chr13	41566837	41961120	-	3.88	4.88
ENSG0000(DGKH	protein_co chr13	42040036	42256578	+	2.09	2.01
ENSG0000(KATNAL1	protein_co chr13	30202630	30307484	-	4.75	5.34
ENSG0000(INTS6	protein_co chr13	51354077	51454264	-	10.02	7.94
ENSG0000(ACOD1	protein_co chr13	76948497	76958642	+	0	0
ENSG0000(DHRS12	protein_co chr13	51767993	51804157	-	5.39	5.8
ENSG0000(MEDAG	protein_co chr13	30906191	30925572	+	99.2	93.71
ENSG0000(TSC22D1	protein_co chr13	44432143	44577147	-	41.3	46.98
ENSG0000(CLN5	protein_co chr13	76990660	77019143	+	19.12	19.85
ENSG0000(OLFM4	protein_co chr13	53028759	53052057	+	0	0
ENSG0000(MSLN	protein_co chr16	760762	768865	+	0.28	0.37
ENSG0000(MGRN1	protein_co chr16	4616493	4690974	+	20.47	21.96
ENSG0000(ZNF629	protein_co chr16	30778449	30787202	-	6.38	5.38
ENSG0000(TRADD	protein_co chr16	67154180	67160298	-	14.83	13.53
ENSG0000(HSF4	protein_co chr16	67164681	67169945	+	19.67	23.44
ENSG0000(CORO1A	protein_co chr16	30182827	30189076	+	0.67	0.29
ENSG0000(MAPK3	protein_co chr16	30114105	30123506	-	105.76	93.13
ENSG0000(GDPD3	protein_co chr16	30104810	30113856	-	1.83	1.98
ENSG0000(ELMO3	protein_co chr16	67199111	67204029	+	0.48	0.29
ENSG0000(MT4	protein_co chr16	56565049	56568957	+	0	0
ENSG0000(PHKB	protein_co chr16	47461123	47701523	+	16.09	15.04
ENSG0000(LYRM1	protein_co chr16	20899868	20925006	+	13.13	11.5
ENSG0000(NUTF2	protein_co chr16	67846732	67872567	+	51.03	57.35
ENSG0000(NUP93	protein_co chr16	56730105	56850286	+	11.21	11.12
ENSG0000(CENPT	protein_co chr16	67828157	67847811	-	17.02	15.89
ENSG0000(TSNAXIP1	protein_co chr16	67806765	67832148	+	1.1	0.93
ENSG0000(NFAT5	protein_co chr16	69565094	69704666	+	8.94	10.04
ENSG0000(LONP2	protein_co chr16	48244296	48363122	+	19.38	21.31
ENSG0000(N4BP1	protein_co chr16	48538726	48620148	-	12.01	8.1
ENSG0000(CBLN1	protein_co chr16	49277917	49281831	-	0	0
ENSG0000(ARL2BP	protein_co chr16	57245098	57253635	+	26.28	28.4
ENSG0000(PLLP	protein_co chr16	57248547	57284687	-	0.17	0.14
ENSG0000(ZNF423	protein_co chr16	49487524	49857919	-	0.71	1.02
ENSG0000(CCL22	protein_co chr16	57358772	57366190	+	0.02	0.02
ENSG0000(DHODH	protein_co chr16	72008588	72027664	+	1.12	1.78
ENSG0000(CCL17	protein_co chr16	57404767	57416062	+	0	0
ENSG0000(CTCF	protein_co chr16	67562407	67639183	+	7.83	8.59
ENSG0000(ACD	protein_co chr16	67657512	67660815	-	10.77	9.66
ENSG0000(POLR2C	protein_co chr16	57462387	57472010	+	26.41	23.61
ENSG0000(PARD6A	protein_co chr16	67660946	67662778	+	0.98	0.56
ENSG0000(ZNF821	protein_co chr16	71859680	71895336	-	3.98	4.07
ENSG0000(MMP15	protein_co chr16	58025566	58046901	+	3	2.72
ENSG0000(USB1	protein_co chr16	57999546	58021618	+	14.63	13.21
ENSG0000(CYB5B	protein_co chr16	69424525	69466266	+	40.74	38.41

ENSG00000100000	CCDC113	protein_co chr16	58231157	58283836	+	0.5	0.97
ENSG00000100000	PRSS54	protein_co chr16	58279997	58295047	-	0	0
ENSG00000100000	NME3	protein_co chr16	1770286	1771730	-	19.19	20.22
ENSG00000100000	NDRG4	protein_co chr16	58462846	58513628	+	12.12	12.73
ENSG00000100000	PSMD7	protein_co chr16	74296775	74306288	+	37.27	41.95
ENSG00000100000	SETD6	protein_co chr16	58515479	58521181	+	5.89	7
ENSG00000100000	SLC38A7	protein_co chr16	58665109	58685104	-	18.86	19.7
ENSG00000100000	VAC14	protein_co chr16	70687439	70801161	-	24.38	25.99
ENSG00000100000	HAS3	protein_co chr16	69105564	69118719	+	1.12	0.82
ENSG00000100000	TANGO6	protein_co chr16	68843604	69085180	+	3.85	2.88
ENSG00000100000	COG4	protein_co chr16	70480568	70523565	-	22.78	20.58
ENSG00000100000	SMPD3	protein_co chr16	68358325	68448688	-	0.04	0.03
ENSG00000100000	SLC7A6OS	protein_co chr16	68284503	68310946	-	5.61	5.72
ENSG00000100000	SLC7A6	protein_co chr16	68264516	68301823	+	11.13	9.27
ENSG00000100000	PLA2G15	protein_co chr16	68245304	68261062	+	15.64	13.97
ENSG00000100000	ESRP2	protein_co chr16	68229111	68238102	-	0.03	0
ENSG00000100000	FA2H	protein_co chr16	74712955	74774831	-	0	0
ENSG00000100000	WDR59	protein_co chr16	74871367	75000173	-	18.15	21.64
ENSG00000100000	MON1B	protein_co chr16	77190835	77202405	+	13.72	16.97
ENSG00000100000	CMC2	protein_co chr16	80966448	81020270	-	14.31	18.44
ENSG00000100000	AXIN1	protein_co chr16	287440	352673	-	8.75	9.25
ENSG00000100000	HCFC1R1	protein_co chr16	3022620	3024286	-	112.75	114.91
ENSG00000100000	NPRL3	protein_co chr16	84271	138860	-	15.77	14.7
ENSG00000100000	MLYCD	protein_co chr16	83899126	83927026	+	1.61	1.67
ENSG00000100000	MPG	protein_co chr16	77007	85853	+	41.99	45.46
ENSG00000100000	NECAB2	protein_co chr16	83968632	84002776	+	0.8	0.62
ENSG00000100000	HSDL1	protein_co chr16	84122146	84145192	-	8.22	8.22
ENSG00000100000	TAF1C	protein_co chr16	84177847	84187070	-	8.2	9.89
ENSG00000100000	NAGPA	protein_co chr16	5024844	5034141	-	14.72	15.42
ENSG00000100000	WFDC1	protein_co chr16	84294646	84329851	+	0.06	0.07
ENSG00000100000	SEC14L5	protein_co chr16	4958317	5019158	+	0.42	0.62
ENSG00000100000	COTL1	protein_co chr16	84565594	84618077	-	43.87	41.82
ENSG00000100000	USP10	protein_co chr16	84699978	84779922	+	15.89	15.46
ENSG00000100000	CRISPLD2	protein_co chr16	84819984	84920768	+	1.35	1.45
ENSG00000100000	TSC2	protein_co chr16	2047465	2088720	+	22.24	21.24
ENSG00000100000	ZNF500	protein_co chr16	4748239	4767624	-	5.06	7.73
ENSG00000100000	RP11-723C	processed_chr7	1.4E+08	1.4E+08	-	0	0
ENSG00000100000	NME4	protein_co chr16	396725	410367	+	76.7	81.35
ENSG00000100000	ABCC1	protein_co chr16	15949577	16143074	+	21.68	22.18
ENSG00000100000	NOMO3	protein_co chr16	16232495	16294814	+	35.8	33.3
ENSG00000100000	LMF1	protein_co chr16	853634	981318	-	8.99	8.32
ENSG00000100000	FOXF1	protein_co chr16	86510527	86515418	+	0.58	0.69
ENSG00000100000	NARFL	protein_co chr16	729753	741329	-	10.34	10.57
ENSG00000100000	MTHFSD	protein_co chr16	86530176	86555235	-	8.17	7.8
ENSG00000100000	CLCN7	protein_co chr16	1444934	1475580	-	46.96	52.18

ENSG0000(HAGHL	protein_co chr16	726936	735525 +	7.46	5.24
ENSG0000(FAM173A	protein_co chr16	720581	722601 +	10.51	8.98
ENSG0000(SLC7A5	protein_co chr16	87830023	87869488 -	29.72	29.66
ENSG0000(METRNL	protein_co chr16	715115	719655 +	23.42	22.39
ENSG0000(FBXO31	protein_co chr16	87326987	87392142 -	19.22	17.88
ENSG0000(STUB1	protein_co chr16	680224	682870 +	50.6	49.2
ENSG0000(RHBDL1	protein_co chr16	675666	678268 +	1.74	1.06
ENSG0000(NUBP1	protein_co chr16	10743786	10769351 +	8.11	8.26
ENSG0000(UBE2I	protein_co chr16	1308880	1327018 +	57.92	48.72
ENSG0000(ZP2	protein_co chr16	21197450	21214510 -	0	0
ENSG0000(MEFV	protein_co chr16	3242028	3256627 -	0.16	0.07
ENSG0000(CRYM	protein_co chr16	21238874	21303083 -	1.59	0.43
ENSG0000(EEF2K	protein_co chr16	22206282	22288732 +	9.52	9.38
ENSG0000(CAPN15	protein_co chr16	527717	554636 +	8.42	11.12
ENSG0000(PIEZO1	protein_co chr16	88715343	88785211 -	55.37	41.02
ENSG0000(GSPT1	protein_co chr16	11868128	11916082 -	25.64	28.89
ENSG0000(ZNF174	protein_co chr16	3401235	3409370 +	5.21	4.35
ENSG0000(CLUAP1	protein_co chr16	3500924	3539048 +	19.23	12.23
ENSG0000(UBFD1	protein_co chr16	23557362	23574389 +	22.63	21.92
ENSG0000(PRSS33	protein_co chr16	2783953	2787948 -	0.07	0
ENSG0000(EARS2	protein_co chr16	23522014	23557731 -	5.85	6.3
ENSG0000(ELOB	protein_co chr16	2771414	2777297 -	158.59	162.68
ENSG0000(GGA2	protein_co chr16	23463542	23521995 -	25.92	22.94
ENSG0000(AQP8	protein_co chr16	25215731	25228940 +	0	0
ENSG0000(CPPED1	protein_co chr16	12659799	12804017 -	0.53	0.46
ENSG0000(USP31	protein_co chr16	23061406	23149270 -	1.35	1.33
ENSG0000(HMOX2	protein_co chr16	4474690	4510347 +	22.93	19.14
ENSG0000(DNAJA3	protein_co chr16	4425805	4456775 +	15.33	13.33
ENSG0000(CORO7-PAI	protein_co chr16	4340251	4420494 -	0	0
ENSG0000(BFAR	protein_co chr16	14632815	14669236 +	39.77	37.88
ENSG0000(SALL1	protein_co chr16	51135975	51151367 -	1.42	0.87
ENSG0000(TOX3	protein_co chr16	52438005	52547802 -	0	0
ENSG0000(RRN3P2	transcribec chr16	29074976	29116718 +	0.71	0.72
ENSG0000(RBL2	protein_co chr16	53433977	53491649 +	14.39	16.35
ENSG0000(QPRT	protein_co chr16	29679008	29698699 +	4.64	5.13
ENSG0000(XYLT1	protein_co chr16	17101769	17470881 -	3.34	2.61
ENSG0000(PYCARD	protein_co chr16	31201485	31203450 -	17.33	21.28
ENSG0000(RPGRIP1L	protein_co chr16	53597683	53703938 -	2.41	3.97
ENSG0000(MAZ	protein_co chr16	29806106	29811164 +	77.26	80.63
ENSG0000(STX4	protein_co chr16	31032889	31042975 +	34.71	33.89
ENSG0000(CDIPT	protein_co chr16	29858357	29863736 -	81.38	85.2
ENSG0000(BCKDK	protein_co chr16	31106107	31112791 +	31.56	29.22
ENSG0000(KAT8	protein_co chr16	31115754	31131393 +	16.92	16.6
ENSG0000(NOMO1	protein_co chr16	14833681	14896160 +	60.39	62.41
ENSG0000(IL21R	protein_co chr16	27402162	27452042 +	0.79	0.81

ENSG0000(SYT17	protein_co chr16	19167971	19268334	+	0.44	0.01
ENSG0000(TMC5	protein_co chr16	19410496	19499113	+	0.03	0
ENSG0000(CCP110	protein_co chr16	19523811	19553408	+	2.84	3.2
ENSG0000(C16orf62	protein_co chr16	19555240	19706793	+	22	23.11
ENSG0000(SLC6A2	protein_co chr16	55655604	55706192	+	0	0
ENSG0000(RNF40	protein_co chr16	30761745	30776307	+	28.27	29.63
ENSG0000(KNOP1	protein_co chr16	19701934	19718235	-	9.46	7.92
ENSG0000(AQP9	protein_co chr15	58138169	58185911	+	0	0
ENSG0000(AAGAB	protein_co chr15	67201033	67255195	-	15.14	15.14
ENSG0000(IQCH	protein_co chr15	67254800	67502260	+	0.46	0.33
ENSG0000(LACTB	protein_co chr15	63121800	63142061	+	15.15	15.16
ENSG0000(CORO2B	protein_co chr15	68578969	68727806	+	14.91	15.65
ENSG0000(CSK	protein_co chr15	74782057	74803198	+	14.5	15.35
ENSG0000(HERC1	protein_co chr15	63608618	63833942	-	12.1	10.16
ENSG0000(TRIP4	protein_co chr15	64387748	64455303	+	8.35	8.21
ENSG0000(MTFMT	protein_co chr15	65001512	65029639	-	5.14	4.01
ENSG0000(RASL12	protein_co chr15	65053337	65076690	-	0.23	0.36
ENSG0000(AP3B2	protein_co chr15	82659281	82709914	-	0.4	0.45
ENSG0000(ACSBG1	protein_co chr15	78167468	78245688	-	0	0.01
ENSG0000(IGDCC4	protein_co chr15	65381464	65423072	-	0.26	0.5
ENSG0000(RAB11A	protein_co chr15	65726054	65891991	+	108.14	101.92
ENSG0000(CTSH	protein_co chr15	78921058	78949574	-	105.04	109.06
ENSG0000(GOLGA8UF	unprocessε chr15	30791573	30801859	+	0	0
ENSG0000(TTC23	protein_co chr15	99136323	99251223	-	8.53	10.12
ENSG0000(CD276	protein_co chr15	73683966	73714518	+	55.42	63.52
ENSG0000(FAH	protein_co chr15	80152490	80186946	+	10.97	9.99
ENSG0000(CEMIP	protein_co chr15	80779343	80951776	+	643.83	564.08
ENSG0000(RPAP1	protein_co chr15	41517176	41544269	-	5	6.07
ENSG0000(HOMER2	protein_co chr15	82836946	82986153	-	0.81	0.78
ENSG0000(EHD4	protein_co chr15	41895939	41972578	-	2.19	2.51
ENSG0000(TMEM87A	protein_co chr15	42210452	42273663	-	10.75	12.22
ENSG0000(ZNF106	protein_co chr15	42412823	42491123	-	21.37	23.48
ENSG0000(CEP152	protein_co chr15	48712928	48811146	-	2.47	1.48
ENSG0000(ATP8B4	protein_co chr15	49858238	50182817	-	2.95	3.99
ENSG0000(OCA2	protein_co chr15	27754875	28099358	-	0	0
ENSG0000(DTWD1	protein_co chr15	49620980	49656232	+	29.26	29.83
ENSG0000(TGM5	protein_co chr15	43232595	43266857	-	0	0
ENSG0000(FAM189A1	protein_co chr15	29120254	29570723	-	0.46	0.31
ENSG0000(GABPB1	protein_co chr15	50275392	50355408	-	7.53	7.74
ENSG0000(TJP1	protein_co chr15	29699367	29968865	-	23.49	20.76
ENSG0000(BMF	protein_co chr15	40087890	40108892	-	3.66	3.39
ENSG0000(DMXL2	protein_co chr15	51447711	51622833	-	5.17	4.3
ENSG0000(SCG3	protein_co chr15	51681353	51721031	+	0	0
ENSG0000(DNAJC17	protein_co chr15	40765155	40807478	-	13.66	13.48
ENSG0000(EIF3J	protein_co chr15	44537057	44563029	+	23.23	24.59

ENSG0000(SPG11	protein_co chr15	44562696	44663678	-	15.36	14.74
ENSG0000(RHOV	protein_co chr15	40872214	40874289	-	0.1	0.15
ENSG0000(VPS18	protein_co chr15	40894430	40903975	+	11.59	12.01
ENSG0000(OIP5	protein_co chr15	41309268	41332621	-	0.14	0.26
ENSG0000(SLC30A4	protein_co chr15	45479611	45522807	-	3.14	2.38
ENSG0000(BLOC1S6	protein_co chr15	45587123	45615999	+	31.53	27.74
ENSG0000(MYEF2	protein_co chr15	48134631	48178517	-	3.34	2.06
ENSG0000(SGK3	protein_co chr8	66712418	66862022	+	1.54	3.86
ENSG0000(PDGFRL	protein_co chr8	17576433	17644071	+	15.19	13.05
ENSG0000(CSPP1	protein_co chr8	67062426	67196263	+	2.48	3.16
ENSG0000(ZDHHC2	protein_co chr8	17156029	17224799	+	19.55	19.45
ENSG0000(BRF2	protein_co chr8	37843268	37849904	-	4.38	3.57
ENSG0000(TRIM35	protein_co chr8	27284887	27311319	-	12.49	11.16
ENSG0000(ZFAND1	protein_co chr8	81701334	81732903	-	13.28	12.55
ENSG0000(RP1	protein_co chr8	54554361	54871720	+	0.01	0
ENSG0000(CA2	protein_co chr8	85463852	85481493	+	0	0
ENSG0000(FZD3	protein_co chr8	28494205	28574268	+	0.12	0.04
ENSG0000(INTS9	protein_co chr8	28767661	28890242	-	5.98	7.96
ENSG0000(RIPK2	protein_co chr8	89757747	89791063	+	9.6	8.64
ENSG0000(EYA1	protein_co chr8	71197433	71362232	-	0	0.08
ENSG0000(NBN	protein_co chr8	89933336	90003228	-	7.51	8.85
ENSG0000(TRPA1	protein_co chr8	72019917	72075617	-	1.82	1.23
ENSG0000(CPQ	protein_co chr8	96645227	97149654	+	34.2	34.34
ENSG0000(DECR1	protein_co chr8	90001405	90052092	+	48.55	52.33
ENSG0000(CALB1	protein_co chr8	90058608	90095475	-	0	0.18
ENSG0000(IMPAD1	protein_co chr8	56957933	56993844	-	19.77	19.72
ENSG0000(SFRP1	protein_co chr8	41261958	41309497	-	59.52	62.74
ENSG0000(LAPTM4B	protein_co chr8	97775057	97853013	+	31.82	35.95
ENSG0000(UBE2W	protein_co chr8	73780097	73878910	-	6.46	7.05
ENSG0000(POP1	protein_co chr8	98117297	98159834	+	1.86	1.43
ENSG0000(NIPAL2	protein_co chr8	98189833	98294393	-	10.05	15.14
ENSG0000(IKBKB	protein_co chr8	42271302	42332653	+	14.96	13.14
ENSG0000(PLAT	protein_co chr8	42175233	42207724	-	39.05	26.54
ENSG0000(JPH1	protein_co chr8	74234700	74321328	-	0.07	0.04
ENSG0000(DKK4	protein_co chr8	42374068	42377232	-	0	0
ENSG0000(STK3	protein_co chr8	98401403	98942827	-	6.09	6.87
ENSG0000(GDAP1	protein_co chr8	74321130	74488872	+	2.13	1.52
ENSG0000(RAB2A	protein_co chr8	60516857	60623627	+	72.61	71.59
ENSG0000(EIF3E	protein_co chr8	1.08E+08	1.08E+08	-	138.64	141.31
ENSG0000(EMC2	protein_co chr8	1.08E+08	1.08E+08	+	26.77	22.87
ENSG0000(ESRP1	protein_co chr8	94641074	94707466	+	0	0
ENSG0000(WISP1	protein_co chr8	1.33E+08	1.33E+08	+	0.55	0.89
ENSG0000(NDRG1	protein_co chr8	1.33E+08	1.33E+08	-	222.84	189.52
ENSG0000(ZC2HC1A	protein_co chr8	78666047	78719765	+	8.07	7.7
ENSG0000(IL7	protein_co chr8	78675743	78805523	-	2.18	1.15

ENSG0000(STMN2	protein_co chr8	79610814	79666175	+	0	0
ENSG0000(ARMC1	protein_co chr8	65602456	65634217	-	8.86	9.03
ENSG0000(TRPS1	protein_co chr8	1.15E+08	1.16E+08	-	7.06	9.7
ENSG0000(SPAG1	protein_co chr8	1E+08	1E+08	+	0.54	0.58
ENSG0000(CHRAC1	protein_co chr8	1.41E+08	1.41E+08	+	8.75	10.58
ENSG0000(NCALD	protein_co chr8	1.02E+08	1.02E+08	-	0.07	0
ENSG0000(SNX16	protein_co chr8	81799581	81842866	-	5.77	5.72
ENSG0000(GML	protein_co chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(UBR5	protein_co chr8	1.02E+08	1.02E+08	-	21.46	19.01
ENSG0000(GSDMD	protein_co chr8	1.44E+08	1.44E+08	+	17.6	20.62
ENSG0000(TSTA3	protein_co chr8	1.44E+08	1.44E+08	-	26.7	29.87
ENSG0000(PYCRL	protein_co chr8	1.44E+08	1.44E+08	-	3.49	2.98
ENSG0000(EEF1D	protein_co chr8	1.44E+08	1.44E+08	-	270.02	265.53
ENSG0000(ANXA13	protein_co chr8	1.24E+08	1.24E+08	-	0	0
ENSG0000(SQLE	protein_co chr8	1.25E+08	1.25E+08	+	22.54	22.78
ENSG0000(SH2D4A	protein_co chr8	19313617	19396218	+	18.95	17.09
ENSG0000(INTS10	protein_co chr8	19817140	19852083	+	13.35	16.26
ENSG0000(ERI1	protein_co chr8	9002147	9116746	+	4.15	4.32
ENSG0000(SLC39A14	protein_co chr8	22367249	22434129	+	61.51	54.09
ENSG0000(MTMR9	protein_co chr8	11284416	11328146	+	2.61	2.62
ENSG0000(LEPROTL1	protein_co chr8	30095398	30177208	+	30.08	30.15
ENSG0000(DCTN6	protein_co chr8	30156297	30183640	+	22.32	20.11
ENSG0000(R3HCC1	protein_co chr8	23270120	23296279	+	11.15	13.96
ENSG0000(GSR	protein_co chr8	30678061	30727926	-	24.58	29.73
ENSG0000(TNFRSF10A	protein_co chr8	23190452	23225126	-	2.42	2.55
ENSG0000(UBXN8	protein_co chr8	30732247	30767006	+	6.26	5.15
ENSG0000(PPP2CB	protein_co chr8	30774457	30814314	-	37.74	48.68
ENSG0000(ERICH1	protein_co chr8	614746	738106	-	8.64	10.24
ENSG0000(NEFM	protein_co chr8	24913012	24919098	+	0.13	0
ENSG0000(TUSC3	protein_co chr8	15417215	15766649	+	76.68	74.32
ENSG0000(ARHGEF10	protein_co chr8	1823976	1958641	+	18.62	18.61
ENSG0000(KLHDC4	protein_co chr16	87696485	87765992	-	6.57	6.41
ENSG0000(MCM4	protein_co chr8	47960185	47978160	+	11.62	8.77
ENSG0000(ADAM2	protein_co chr8	39743735	39838289	-	0	0
ENSG0000(KCTD9	protein_co chr8	25427847	25458476	-	13.95	11.61
ENSG0000(FGL1	protein_co chr8	17864380	17910365	-	0	0
ENSG0000(ASAH1	protein_co chr8	18055992	18084998	-	106.97	113.87
ENSG0000(BNIP3L	protein_co chr8	26382898	26505636	+	191.76	183.52
ENSG0000(MAN2B1	protein_co chr19	12646511	12666742	-	55.6	59.01
ENSG0000(KCNN4	protein_co chr19	43766533	43781257	-	2.34	2.94
ENSG0000(TULP2	protein_co chr19	48880965	48898733	-	0.03	0.07
ENSG0000(NUCB1	protein_co chr19	48900050	48923372	+	311.79	310.15
ENSG0000(DHDH	protein_co chr19	48933682	48944969	+	0.28	0.09
ENSG0000(GYS1	protein_co chr19	48968125	48993310	-	44.73	30.92
ENSG0000(MAP4K1	protein_co chr19	38587641	38618882	-	0.26	0.63

ENSG0000(CGB2	protein_co chr19	49031912	49033238	+	0	0
ENSG0000(ECH1	protein_co chr19	38815422	38832005	-	51.15	54.12
ENSG0000(HNRNPL	protein_co chr19	38836388	38852347	-	88.84	95.84
ENSG0000(NFKBIB	protein_co chr19	38899700	38908893	+	12.68	12.02
ENSG0000(LHB	protein_co chr19	49015980	49017081	-	0	0
ENSG0000(CGB3	protein_co chr19	49022869	49024333	-	0	0
ENSG0000(TUBB4A	protein_co chr19	6494319	6502848	-	0	0
ENSG0000(SARS2	protein_co chr19	38915266	38930896	-	6.06	5.33
ENSG0000(KCNA7	protein_co chr19	49067418	49072941	-	0.09	0.06
ENSG0000(SNRNP70	protein_co chr19	49085419	49108605	+	86.3	93.11
ENSG0000(CLPTM1	protein_co chr19	44954585	44993341	+	48.41	47.62
ENSG0000(RELB	protein_co chr19	45001430	45038198	+	6.79	6.51
ENSG0000(CLASRP	protein_co chr19	45039040	45070956	+	15.82	12.31
ENSG0000(LIN7B	protein_co chr19	49114324	49118460	+	3.19	2.45
ENSG0000(PPP1R37	protein_co chr19	45091396	45148077	+	15.2	14.09
ENSG0000(FCGRT	protein_co chr19	49506816	49526333	+	130.89	134.31
ENSG0000(PIH1D1	protein_co chr19	49446298	49453497	-	31.61	30.92
ENSG0000(CKM	protein_co chr19	45306414	45322977	-	0	0
ENSG0000(ARHGEF18	protein_co chr19	7395113	7472477	+	9.34	9.75
ENSG0000(PPP1R13L	protein_co chr19	45379634	45406349	-	9.45	9.37
ENSG0000(PEX11G	protein_co chr19	7476875	7497449	-	3.68	2.31
ENSG0000(ERCC2	protein_co chr19	45349837	45370918	-	13	16.01
ENSG0000(DOT1L	protein_co chr19	2164149	2232578	+	5.86	5.01
ENSG0000(PLEKHJ1	protein_co chr19	2230084	2237704	-	16.81	19.31
ENSG0000(SLC17A7	protein_co chr19	49429401	49442360	-	0.22	0.3
ENSG0000(RNASEH2A	protein_co chr19	12802063	12813638	+	6.17	4.62
ENSG0000(KLC3	protein_co chr19	45333434	45351520	+	0.12	0.17
ENSG0000(CD37	protein_co chr19	49335171	49343335	+	0.03	0
ENSG0000(SF3A2	protein_co chr19	2236504	2248679	+	18.58	19.27
ENSG0000(AMH	protein_co chr19	2249309	2252073	+	0.03	0.46
ENSG0000(DKKL1	protein_co chr19	49361783	49375116	+	0.38	0
ENSG0000(LYL1	protein_co chr19	13099033	13103161	-	0.08	0.3
ENSG0000(OAZ1	protein_co chr19	2269509	2273490	+	671.04	649.1
ENSG0000(TRMT1	protein_co chr19	13104902	13117567	-	9.36	8.91
ENSG0000(STX10	protein_co chr19	13144058	13150383	-	34.98	35.19
ENSG0000(RETN	protein_co chr19	7669044	7670454	+	0	0
ENSG0000(FCER2	protein_co chr19	7688758	7702146	-	0	0
ENSG0000(DMPK	protein_co chr19	45769717	45782552	-	21.4	23.94
ENSG0000(CLEC4M	protein_co chr19	7763149	7769605	+	0	0
ENSG0000(RSPH6A	protein_co chr19	45795710	45815319	-	0	0
ENSG0000(TBC1D17	protein_co chr19	49877425	49888749	+	36.37	32.2
ENSG0000(IL4I1	protein_co chr19	49889654	49929539	-	0.24	0.32
ENSG0000(TLE6	protein_co chr19	2977446	2995184	+	0.53	0.37
ENSG0000(CCDC130	protein_co chr19	13731760	13763296	+	13.6	14.31
ENSG0000(PTOV1	protein_co chr19	49850735	49860744	+	55.48	50.53

ENSG0000(AES	protein_co chr19	3052910	3063107 -	176.49	195.38
ENSG0000(NOVA2	protein_co chr19	45933734	45973546 -	2.72	2.61
ENSG0000(SGTA	protein_co chr19	2754714	2783371 -	17.34	18.03
ENSG0000(KIR3DX1	protein_co chr19	54532692	54545771 +	0.04	0.11
ENSG0000(LILRB1	protein_co chr19	54617158	54637528 +	0	0
ENSG0000(MED25	protein_co chr19	49818279	49838816 +	24.52	25.03
ENSG0000(LILRA1	protein_co chr19	54593582	54602090 +	0	0
ENSG0000(SNAPC2	protein_co chr19	7920316	7923250 +	19.61	21.27
ENSG0000(C19orf53	protein_co chr19	13774168	13778462 +	67.04	62.5
ENSG0000(TIMM44	protein_co chr19	7926718	7943920 -	18.62	19.18
ENSG0000(CCDC61	protein_co chr19	45995461	46021318 +	3.21	2.01
ENSG0000(IL27RA	protein_co chr19	14031748	14053216 +	0.7	0.93
ENSG0000(ASF1B	protein_co chr19	14119509	14136956 -	0.35	0
ENSG0000(TNNT1	protein_co chr19	55132794	55149354 -	1.69	1.51
ENSG0000(VRK3	protein_co chr19	49976467	50025946 -	13.75	13.77
ENSG0000(FAM32A	protein_co chr19	16185380	16192046 +	48.24	50.45
ENSG0000(PPP6R1	protein_co chr19	55229780	55258995 -	21.85	21.49
ENSG0000(C19orf44	protein_co chr19	16496311	16521352 +	3.82	3.76
ENSG0000(MED26	protein_co chr19	16574907	16629062 -	2.97	3.33
ENSG0000(OLFM2	protein_co chr19	9853718	9936552 -	0.03	0.09
ENSG0000(RASAL3	protein_co chr19	15451624	15464571 -	0.03	0.07
ENSG0000(AKAP8	protein_co chr19	15353385	15379798 -	7.8	7.02
ENSG0000(EPHX3	protein_co chr19	15226919	15233435 -	0	0.29
ENSG0000(ILVBL	protein_co chr19	15114984	15125785 -	24.41	24.26
ENSG0000(ZNF419	protein_co chr19	57487711	57496097 +	5.84	6.73
ENSG0000(SYDE1	protein_co chr19	15107403	15114988 +	17.4	17.01
ENSG0000(CASP14	protein_co chr19	15049384	15058293 +	0	0
ENSG0000(SLC1A6	protein_co chr19	14950034	15022990 -	0	0.02
ENSG0000(AURKC	protein_co chr19	57230802	57235548 +	0.21	0.42
ENSG0000(POP4	protein_co chr19	29604017	29617237 +	27.2	26.43
ENSG0000(CCNE1	protein_co chr19	29811898	29824308 +	2.91	2.67
ENSG0000(URI1	protein_co chr19	29923644	30016608 +	16.75	17.39
ENSG0000(PDCD5	protein_co chr19	32581068	32587452 +	87.62	100.19
ENSG0000(ANKRD27	protein_co chr19	32597007	32676597 -	8.08	8.43
ENSG0000(RPS16	protein_co chr19	39433207	39435948 -	1086.25	1089.34
ENSG0000(TIMM50	protein_co chr19	39480412	39493785 +	19.29	22.22
ENSG0000(LGALS13	protein_co chr19	39602501	39607476 +	0	0
ENSG0000(FBL	protein_co chr19	39834458	39846414 -	59.77	55.79
ENSG0000(DYRK1B	protein_co chr19	39825350	39834201 -	12	12.39
ENSG0000(CLC	protein_co chr19	39731250	39738028 -	0	0
ENSG0000(CNTD2	protein_co chr19	40222208	40226690 -	0.19	0.17
ENSG0000(GPI	protein_co chr19	34359480	34402156 +	227.76	192.36
ENSG0000(AKT2	protein_co chr19	40230317	40285536 -	65.23	62.94
ENSG0000(PLD3	protein_co chr19	40348456	40380439 +	247.4	250.76
ENSG0000(PRX	protein_co chr19	40393768	40413366 -	2.61	2.56

ENSG0000(PIAS4	protein_co chr19	4007646	4039386	+	7.4	7.52
ENSG0000(NUMBL	protein_co chr19	40665905	40690972	-	32.33	30.48
ENSG0000(EBI3	protein_co chr19	4229498	4237531	+	0.1	0.27
ENSG0000(CCDC94	protein_co chr19	4247079	4269090	+	7.19	6.81
ENSG0000(SHD	protein_co chr19	4278601	4290724	+	0	0
ENSG0000(TBCB	protein_co chr19	36114289	36125947	+	81.48	70.68
ENSG0000(FSD1	protein_co chr19	4304600	4323843	+	1.33	1.47
ENSG0000(POLR2I	protein_co chr19	36113710	36115346	-	32.31	33.51
ENSG0000(OVOL3	protein_co chr19	36111151	36113711	+	0	0
ENSG0000(CLIP3	protein_co chr19	36014660	36033343	-	29.3	32.1
ENSG0000(ZFR2	protein_co chr19	3804024	3869032	-	0	0
ENSG0000(SLC1A5	protein_co chr19	46774883	46788594	-	118.89	123.96
ENSG0000(PRKD2	protein_co chr19	46674275	46717127	-	12.02	10.06
ENSG0000(TJP3	protein_co chr19	3708109	3750813	+	0	0
ENSG0000(APLP1	protein_co chr19	35867899	35879791	+	17.29	18.04
ENSG0000(CACTIN	protein_co chr19	3610641	3626815	-	6.72	6.79
ENSG0000(CCDC9	protein_co chr19	47255980	47271953	+	10.27	9.42
ENSG0000(HNRNPUL1	protein_co chr19	41262496	41307598	+	74.97	77.57
ENSG0000(FZR1	protein_co chr19	3506273	3538330	+	19.05	17.44
ENSG0000(BBC3	protein_co chr19	47220822	47232766	-	21.73	24.82
ENSG0000(TGFB1	protein_co chr19	41301587	41353911	-	55.63	58.84
ENSG0000(DENND3	protein_co chr8	1.41E+08	1.41E+08	+	3.09	4.04
ENSG0000(ATP5SL	protein_co chr19	41431318	41440717	-	21.15	17.31
ENSG0000(CEACAM4	protein_co chr19	41618971	41627074	-	0	0
ENSG0000(PLIN3	protein_co chr19	4838341	4867768	-	67.18	58.57
ENSG0000(MYH14	protein_co chr19	50188186	50310545	+	0	0
ENSG0000(MRPL4	protein_co chr19	10251901	10260045	+	22.07	19.29
ENSG0000(SIGLEC8	protein_co chr19	51450847	51458456	-	0	0
ENSG0000(CD79A	protein_co chr19	41877120	41881372	+	0.19	0.27
ENSG0000(LIM2	protein_co chr19	51379909	51387960	-	0	0
ENSG0000(ICAM4	protein_co chr19	10286967	10288522	+	1.33	0.65
ENSG0000(RPS19	protein_co chr19	41859918	41872926	+	2096.81	2076.92
ENSG0000(GLTSCR2	protein_co chr19	47745522	47757058	+	98.64	111.75
ENSG0000(NKG7	protein_co chr19	51371606	51372715	-	0	0
ENSG0000(ICAM5	protein_co chr19	10289981	10296778	+	2.73	1.92
ENSG0000(ETFB	protein_co chr19	51345169	51366418	-	56.33	62.06
ENSG0000(CD33	protein_co chr19	51225064	51243860	+	0.15	0
ENSG0000(CEACAM5	protein_co chr19	41708585	41729798	+	0	0
ENSG0000(CRX	protein_co chr19	47819779	47843330	+	0.38	0.54
ENSG0000(BABAM1	protein_co chr19	17267350	17281249	+	33.07	35.11
ENSG0000(TYK2	protein_co chr19	10350529	10380676	-	30.04	27.86
ENSG0000(SULT2A1	protein_co chr19	47870466	47886397	-	0	0
ENSG0000(CDC37	protein_co chr19	10391134	10420121	-	81.49	80.31
ENSG0000(NAPA	protein_co chr19	47487637	47515240	-	78.93	78.36
ENSG0000(RABAC1	protein_co chr19	41956681	41959390	-	149.51	146.69

ENSG0000(ATP1A3	protein_co chr19	41966582	41997497	-	0.34	0.38
ENSG0000(MEIS3	protein_co chr19	47403124	47419523	-	24.54	24.32
ENSG0000(PTPRS	protein_co chr19	5158495	5340803	-	24.63	25.9
ENSG0000(CNFN	protein_co chr19	42387019	42390287	-	0.15	0.31
ENSG0000(ZNRF4	protein_co chr19	5455431	5456856	+	0	0
ENSG0000(MEGF8	protein_co chr19	42325609	42378769	+	18.91	20.38
ENSG0000(KDELRL1	protein_co chr19	48382570	48391553	-	128.72	132.48
ENSG0000(CYTH2	protein_co chr19	48469032	48482314	+	31.83	32.29
ENSG0000(GRWD1	protein_co chr19	48445773	48457022	+	11.02	8.49
ENSG0000(GRIN2D	protein_co chr19	48394875	48444931	+	0.89	0.95
ENSG0000(SYNGR4	protein_co chr19	48364395	48376376	+	0	0
ENSG0000(CLEC11A	protein_co chr19	50723329	50725718	+	76.45	81.87
ENSG0000(CCDC114	protein_co chr19	48296457	48321894	-	0.1	0.14
ENSG0000(CARD8	protein_co chr19	48180770	48255946	-	7.68	7.3
ENSG0000(LIG1	protein_co chr19	48115445	48170603	-	6.23	4.32
ENSG0000(SIGLEC6	protein_co chr19	51519525	51531856	-	0	0
ENSG0000(ZNF175	protein_co chr19	51571298	51592508	+	7.06	5.47
ENSG0000(PLA2G4C	protein_co chr19	48047843	48110817	-	3.89	3.85
ENSG0000(SIGLEC5	protein_co chr19	51611927	51645545	-	0	0
ENSG0000(CABP5	protein_co chr19	48029953	48044053	-	0	0
ENSG0000(HAS1	protein_co chr19	51713112	51723994	-	0.03	0.03
ENSG0000(RAB3D	protein_co chr19	11322046	11346270	-	4.04	4.19
ENSG0000(DBP	protein_co chr19	48630030	48637438	-	21.8	20.89
ENSG0000(TMEM205	protein_co chr19	11342776	11346518	-	39.89	34.78
ENSG0000(CAPS	protein_co chr19	5911707	5915877	+	6.54	4.54
ENSG0000(PLPPR2	protein_co chr19	11355386	11365698	+	20.59	21.9
ENSG0000(FAM83E	protein_co chr19	48600810	48614854	-	0.12	0
ENSG0000(RASIP1	protein_co chr19	48720587	48740721	-	5.19	5.87
ENSG0000(THEG	protein_co chr19	361747	376670	-	0	0
ENSG0000(FGF21	protein_co chr19	48755559	48758330	+	0	0
ENSG0000(BCAT2	protein_co chr19	48795062	48811029	-	20.29	23.62
ENSG0000(MIER2	protein_co chr19	301444	344815	-	8.28	9.34
ENSG0000(PLEKHA4	protein_co chr19	48837097	48868632	-	31.76	31.09
ENSG0000(PPP2R1A	protein_co chr19	52190039	52229533	+	98.25	103.73
ENSG0000(TNPO2	protein_co chr19	12699194	12724011	-	25.79	24.6
ENSG0000(WDR83OS	protein_co chr19	12668071	12671356	-	98.13	94.93
ENSG0000(CACNG7	protein_co chr19	53909335	53943941	+	12.31	14.12
ENSG0000(GCDH	protein_co chr19	12891026	12914207	+	6.99	5.86
ENSG0000(LILRB5	protein_co chr19	54249431	54257301	-	0.1	0.1
ENSG0000(KLF1	protein_co chr19	12884423	12887181	-	0.04	0
ENSG0000(DNASE2	protein_co chr19	12875211	12881468	-	78.32	76.5
ENSG0000(MAST1	protein_co chr19	12833951	12874951	+	0.27	0.24
ENSG0000(LENG1	protein_co chr19	54155161	54159882	-	3	3.71
ENSG0000(PRPF31	protein_co chr19	54115410	54131719	+	22.31	23.08
ENSG0000(TFPT	protein_co chr19	54107013	54115675	-	9.22	7.76

ENSG0000(JAK3	protein_co chr19	17824780	17848071 -	0.86	0.67
ENSG0000(RPL18A	protein_co chr19	17859876	17864153 +	1022.67	1039.57
ENSG0000(SLC5A5	protein_co chr19	17871973	17895174 +	0.06	0.05
ENSG0000(KCNN1	protein_co chr19	17951293	18000080 +	0	0.16
ENSG0000(ARRDC2	protein_co chr19	18001132	18014102 +	4.82	5.91
ENSG0000(PIK3R2	protein_co chr19	18153118	18170540 +	16.92	19.35
ENSG0000(RAB3A	protein_co chr19	18196784	18204074 -	1.94	1.45
ENSG0000(PDE4C	protein_co chr19	18207961	18255419 -	0.61	0.4
ENSG0000(ISYNA1	protein_co chr19	18434388	18438301 -	14.31	16.83
ENSG0000(ELL	protein_co chr19	18442663	18522127 -	5.64	7.9
ENSG0000(CRTC1	protein_co chr19	18683677	18782333 +	7.35	7.01
ENSG0000(COMP	protein_co chr19	18782773	18791314 -	0.38	0.32
ENSG0000(UPK1A	protein_co chr19	35666516	35678483 +	0	0
ENSG0000(COPE	protein_co chr19	18899514	18919397 -	75.97	74.9
ENSG0000(DDX49	protein_co chr19	18919675	18928633 +	18.72	23.35
ENSG0000(ETV2	protein_co chr19	35641745	35644871 +	1.31	1.32
ENSG0000(ATP4A	protein_co chr19	35550043	35563658 -	0	0.02
ENSG0000(ARMC6	protein_co chr19	19033575	19060311 +	9.98	10.68
ENSG0000(TMEM147	protein_co chr19	35545595	35547526 +	91.66	81.36
ENSG0000(GAPDHS	protein_co chr19	35533412	35545316 +	0.04	0
ENSG0000(ELOCP28	processed_chr19	2538112	2538754 +	0	0
ENSG0000(MAG	protein_co chr19	35292125	35313804 +	0	0
ENSG0000(TMEM59L	protein_co chr19	18607430	18621039 +	14.74	12.97
ENSG0000(HAMP	protein_co chr19	35280716	35285143 +	0	0.02
ENSG0000(USF2	protein_co chr19	35268978	35279821 +	45.47	41.25
ENSG0000(LSR	protein_co chr19	35248330	35267964 +	0.43	0.47
ENSG0000(KXD1	protein_co chr19	18557762	18569387 +	48.61	51.13
ENSG0000(FKBP8	protein_co chr19	18531751	18544077 -	149.72	156.51
ENSG0000(SUGP1	protein_co chr19	19276018	19320844 -	18.88	22
ENSG0000(HPN	protein_co chr19	35040506	35066571 +	0.69	0.53
ENSG0000(ZNF14	protein_co chr19	19710471	19733097 -	1.54	1.52
ENSG0000(SCN1B	protein_co chr19	35030466	35040449 +	7.36	7.28
ENSG0000(PBX4	protein_co chr19	19561707	19618916 -	0	0
ENSG0000(ERF	protein_co chr19	42247572	42255157 -	26.74	28.72
ENSG0000(GSK3A	protein_co chr19	42230186	42242625 -	22.63	22.33
ENSG0000(ATP13A1	protein_co chr19	19645198	19663693 -	14.24	16.6
ENSG0000(ZNF574	protein_co chr19	42068477	42081549 +	4.86	5.08
ENSG0000(GRIK5	protein_co chr19	41998321	42069498 -	0.44	0
ENSG0000(SIPA1L3	protein_co chr19	37907228	38208372 +	3.09	2.66
ENSG0000(ZNF85	protein_co chr19	20923222	20950697 +	2.52	2.37
ENSG0000(ETHE1	protein_co chr19	43506719	43527244 -	70.19	70.31
ENSG0000(CADM4	protein_co chr19	43622368	43639839 -	2.06	2.6
ENSG0000(SMG9	protein_co chr19	43727992	43754990 -	26.61	26.22
ENSG0000(AVL9	protein_co chr7	32495426	32588721 +	11.43	9.99
ENSG0000(RUNDC3B	protein_co chr7	87627548	87832296 +	0	0.28

ENSG0000(CFAP69	protein_co chr7	90245174	90311063	+	4.31	4.63
ENSG0000(GTPBP10	protein_co chr7	90335223	90391455	+	7.06	8.27
ENSG0000(RASA4	protein_co chr7	1.03E+08	1.03E+08	-	10.96	9.11
ENSG0000(CDK6	protein_co chr7	92604921	92836594	-	4.53	3.94
ENSG0000(PMPCB	protein_co chr7	1.03E+08	1.03E+08	+	27.86	27.41
ENSG0000(DNAJC2	protein_co chr7	1.03E+08	1.03E+08	-	8.84	9.2
ENSG0000(TFPI2	protein_co chr7	93885397	93890991	-	321.78	285.85
ENSG0000(BET1	protein_co chr7	93962762	94004382	-	15.22	12.53
ENSG0000(NAMPT	protein_co chr7	1.06E+08	1.06E+08	-	280.94	209.84
ENSG0000(TWISTNB	protein_co chr7	19695462	19709087	-	5.2	4.1
ENSG0000(PIK3CG	protein_co chr7	1.07E+08	1.07E+08	+	0	0
ENSG0000(PON3	protein_co chr7	95359944	95396368	-	0	0.25
ENSG0000(PON2	protein_co chr7	95404863	95435329	-	47.1	50.31
ENSG0000(ITGB8	protein_co chr7	20330702	20415754	+	2.67	2.33
ENSG0000(HBP1	protein_co chr7	1.07E+08	1.07E+08	+	56.51	57.87
ENSG0000(DUS4L	protein_co chr7	1.08E+08	1.08E+08	+	2.15	2.14
ENSG0000(SP4	protein_co chr7	21428034	21514822	+	0.97	2.04
ENSG0000(WDR91	protein_co chr7	1.35E+08	1.35E+08	-	5.8	3.8
ENSG0000(DNAH11	protein_co chr7	21543215	21901839	+	0.2	0.56
ENSG0000(CBLL1	protein_co chr7	1.08E+08	1.08E+08	+	8.64	9.6
ENSG0000(DLX5	protein_co chr7	97020392	97025097	-	0.06	0
ENSG0000(MTPN	protein_co chr7	1.36E+08	1.36E+08	-	66.54	62.07
ENSG0000(STEAP1B	protein_co chr7	22419444	22632925	-	0.22	0.17
ENSG0000(PTN	protein_co chr7	1.37E+08	1.37E+08	-	4.23	4.07
ENSG0000(MPP6	protein_co chr7	24573268	24694193	+	3.1	4.15
ENSG0000(DFNA5	protein_co chr7	24698353	24758113	-	23.1	25.38
ENSG0000(ATP6V0A4	protein_co chr7	1.39E+08	1.39E+08	-	0.95	0
ENSG0000(ZC3HAV1	protein_co chr7	1.39E+08	1.39E+08	-	8.03	9.57
ENSG0000(TTC26	protein_co chr7	1.39E+08	1.39E+08	+	2.36	2.23
ENSG0000(OGDH	protein_co chr7	44606572	44709066	+	20.7	17.65
ENSG0000(NPVF	protein_co chr7	25224570	25228486	-	0	0
ENSG0000(ADAP1	protein_co chr7	897901	955407	-	2.27	2.48
ENSG0000(TFEC	protein_co chr7	1.16E+08	1.16E+08	-	0.01	0.02
ENSG0000(H2AFV	protein_co chr7	44826791	44848083	-	42.93	47.84
ENSG0000(CAV2	protein_co chr7	1.16E+08	1.17E+08	+	23.89	27.24
ENSG0000(CAV1	protein_co chr7	1.17E+08	1.17E+08	+	193.44	186.07
ENSG0000(MET	protein_co chr7	1.17E+08	1.17E+08	+	6.3	4.61
ENSG0000(RNF32	protein_co chr7	1.57E+08	1.57E+08	+	0.45	0.35
ENSG0000(LMBR1	protein_co chr7	1.57E+08	1.57E+08	-	18.74	15.45
ENSG0000(NHP2P1	processed_chr10	92216332	92216793	+	0	0
ENSG0000(WNT2	protein_co chr7	1.17E+08	1.17E+08	-	2.62	1.71
ENSG0000(HOXA1	protein_co chr7	27092993	27095996	-	0	0
ENSG0000(DNAJB6	protein_co chr7	1.57E+08	1.57E+08	+	41	53.73
ENSG0000(HOXA2	protein_co chr7	27100354	27102811	-	0	0
ENSG0000(HOXA3	protein_co chr7	27106184	27152581	-	0	0

ENSG0000(LFNG	protein_co chr7	2512529	2529177	+	0.41	0.55
ENSG0000(HOXA5	protein_co chr7	27141052	27143668	-	0	0
ENSG0000(HOXA6	protein_co chr7	27145396	27150603	-	0	0
ENSG0000(BRAT1	protein_co chr7	2537877	2555727	-	9.94	10.2
ENSG0000(IQCE	protein_co chr7	2558972	2614734	+	4.93	5.76
ENSG0000(ANKRD7	protein_co chr7	1.18E+08	1.18E+08	+	0.05	0.1
ENSG0000(VIPR2	protein_co chr7	1.59E+08	1.59E+08	-	0	0
ENSG0000(TSPAN12	protein_co chr7	1.21E+08	1.21E+08	-	0.05	0.19
ENSG0000(SSBP1	protein_co chr7	1.42E+08	1.42E+08	+	57.05	62.23
ENSG0000(HOXA13	protein_co chr7	27193503	27200106	-	0	0
ENSG0000(CPED1	protein_co chr7	1.21E+08	1.21E+08	+	6.1	6.03
ENSG0000(EVX1	protein_co chr7	27242700	27250493	+	0	0
ENSG0000(HIBADH	protein_co chr7	27525442	27662995	-	32.41	34.58
ENSG0000(TAX1BP1	protein_co chr7	27739331	27844564	+	54.91	56.85
ENSG0000(CPVL	protein_co chr7	28995231	29195451	-	0	0.08
ENSG0000(CHN2	protein_co chr7	29122274	29514328	+	0.14	0.52
ENSG0000(GRB10	protein_co chr7	50590063	50793462	-	22.22	21.32
ENSG0000(ABHD11	protein_co chr7	73736094	73738867	-	6.47	4.75
ENSG0000(COBL	protein_co chr7	51016212	51316818	-	0	0
ENSG0000(FKBP14	protein_co chr7	30010587	30026684	-	7.19	7.56
ENSG0000(PLEKHA8	protein_co chr7	30027404	30130483	+	3.97	3.14
ENSG0000(STX1A	protein_co chr7	73699206	73719672	-	3.66	6.39
ENSG0000(NOD1	protein_co chr7	30424527	30478784	-	2.36	3.03
ENSG0000(GARS	protein_co chr7	30594681	30634033	+	120.47	119.84
ENSG0000(CRHR2	protein_co chr7	30651943	30700129	-	0	0
ENSG0000(EPHB6	protein_co chr7	1.43E+08	1.43E+08	+	16.15	19.89
ENSG0000(MINDY4	protein_co chr7	30771417	30892387	+	2.49	2.41
ENSG0000(GHRHR	protein_co chr7	30938669	30993254	+	0	0
ENSG0000(NSUN5P2	transcribec chr7	72947581	72954790	-	3.94	4.02
ENSG0000(CASP2	protein_co chr7	1.43E+08	1.43E+08	+	5.03	5.12
ENSG0000(CHCHD2	protein_co chr7	56101569	56106576	-	183.23	182.06
ENSG0000(CCL24	protein_co chr7	75811665	75823356	-	0	0
ENSG0000(HSPB1	protein_co chr7	76302544	76304295	+	318.34	326.85
ENSG0000(NPTX2	protein_co chr7	98617297	98629868	+	2.8	3.2
ENSG0000(PDAP1	protein_co chr7	99392048	99408829	-	62.53	67.4
ENSG0000(BUD31	protein_co chr7	99408641	99419616	+	50.31	50.11
ENSG0000(PTCD1	protein_co chr7	99416739	99466163	-	1.4	2.22
ENSG0000(CYP3A5	protein_co chr7	99648194	99679998	-	0.57	0.94
ENSG0000(ZKSCAN1	protein_co chr7	1E+08	1E+08	+	13.03	13.21
ENSG0000(EIF3B	protein_co chr7	2354086	2380745	+	56.6	57.01
ENSG0000(SNX8	protein_co chr7	2251770	2354318	-	17.86	21.22
ENSG0000(NUDT1	protein_co chr7	2242222	2251146	+	8.64	7.99
ENSG0000(PTPRZ1	protein_co chr7	1.22E+08	1.22E+08	+	0.01	0.03
ENSG0000(TAF6	protein_co chr7	1E+08	1E+08	-	24.9	20.96
ENSG0000(WASL	protein_co chr7	1.24E+08	1.24E+08	-	10.29	11.23

ENSG0000(HYAL4	protein_co chr7	1.24E+08	1.24E+08 +	0	0
ENSG0000(SPAM1	protein_co chr7	1.24E+08	1.24E+08 +	0	0
ENSG0000(AIMP2	protein_co chr7	6009245	6023834 +	14.62	13.98
ENSG0000(TFR2	protein_co chr7	1.01E+08	1.01E+08 -	0.56	1.04
ENSG0000(FSCN3	protein_co chr7	1.28E+08	1.28E+08 +	0.7	0.76
ENSG0000(MOSPD3	protein_co chr7	1.01E+08	1.01E+08 +	15.8	16.58
ENSG0000(PAX4	protein_co chr7	1.28E+08	1.28E+08 -	0	0
ENSG0000(PCOLCE	protein_co chr7	1.01E+08	1.01E+08 +	334.16	357.73
ENSG0000(FBXO24	protein_co chr7	1.01E+08	1.01E+08 +	0.1	0.13
ENSG0000(PPP1R17	protein_co chr7	31686715	31708455 +	0	0
ENSG0000(RBM28	protein_co chr7	1.28E+08	1.28E+08 -	7.17	8.93
ENSG0000(USP42	protein_co chr7	6104884	6161564 +	2.56	2.57
ENSG0000(IMPDH1	protein_co chr7	1.28E+08	1.28E+08 -	25.01	27.95
ENSG0000(AGFG2	protein_co chr7	1.01E+08	1.01E+08 +	9.03	12.16
ENSG0000(LSM5	protein_co chr7	32485332	32495283 -	9.13	8.86
ENSG0000(SERPINE1	protein_co chr7	1.01E+08	1.01E+08 +	185.58	116.79
ENSG0000(AP1S1	protein_co chr7	1.01E+08	1.01E+08 +	41.65	39.62
ENSG0000(MOGAT3	protein_co chr7	1.01E+08	1.01E+08 -	0	0.04
ENSG0000(C1GALT1	protein_co chr7	7156934	7248651 +	21.33	20.5
ENSG0000(PLOD3	protein_co chr7	1.01E+08	1.01E+08 -	59.43	56.35
ENSG0000(RPA3	protein_co chr7	7636518	7718607 -	7.73	5.89
ENSG0000(ZNHIT1	protein_co chr7	1.01E+08	1.01E+08 +	45.09	44.75
ENSG0000(CLDN15	protein_co chr7	1.01E+08	1.01E+08 -	3.19	3.53
ENSG0000(NOBOX	protein_co chr7	1.44E+08	1.44E+08 -	0	0
ENSG0000(GLCCI1	protein_co chr7	7968794	8094272 +	1.22	0.99
ENSG0000(MYL10	protein_co chr7	1.02E+08	1.02E+08 -	0	0
ENSG0000(PHF14	protein_co chr7	10973872	11169630 +	9.29	8.5
ENSG0000(NRF1	protein_co chr7	1.3E+08	1.3E+08 +	3.26	4.6
ENSG0000(TMEM106i	protein_co chr7	12211241	12243367 +	19.59	17.87
ENSG0000(EZH2	protein_co chr7	1.49E+08	1.49E+08 -	2.56	1.71
ENSG0000(CEP41	protein_co chr7	1.3E+08	1.3E+08 -	6.85	7.77
ENSG0000(ZNF862	protein_co chr7	1.5E+08	1.5E+08 +	13.25	11.92
ENSG0000(SFRP4	protein_co chr7	37905932	38025695 -	229.19	239.99
ENSG0000(MEST	protein_co chr7	1.3E+08	1.31E+08 +	33.63	32.97
ENSG0000(MEOX2	protein_co chr7	15611212	15686812 -	0	0.02
ENSG0000(ANKMY2	protein_co chr7	16599776	16645817 -	8.97	8.43
ENSG0000(ACTR3C	protein_co chr7	1.5E+08	1.5E+08 -	1.16	0.11
ENSG0000(POU6F2	protein_co chr7	38977998	39493095 +	0.04	0
ENSG0000(TSPAN13	protein_co chr7	16753535	16784536 +	2.74	3.27
ENSG0000(RARRES2	protein_co chr7	1.5E+08	1.5E+08 -	529.62	543.1
ENSG0000(AC004837.	processed_chr7	39609717	39610280 +	0.2	0
ENSG0000(AGR2	protein_co chr7	16791811	16833433 -	0	0
ENSG0000(AHR	protein_co chr7	17298622	17346152 +	51.44	45.88
ENSG0000(CHCHD3	protein_co chr7	1.33E+08	1.33E+08 -	24.4	28.14
ENSG0000(GIMAP2	protein_co chr7	1.51E+08	1.51E+08 +	0.44	0.68

ENSG0000(TMEM176)	protein_co chr7	1.51E+08	1.51E+08	-	0	0.07
ENSG0000(GLI3	protein_co chr7	41960950	42237870	-	4.47	3.97
ENSG0000(PSMA2	protein_co chr7	42916857	42932223	-	58.52	58.72
ENSG0000(MRPL32	protein_co chr7	42932200	42948958	+	19.57	17.87
ENSG0000(COA1	protein_co chr7	43608456	43729717	-	17.23	18.89
ENSG0000(BLVRA	protein_co chr7	43758680	43807342	+	23.81	22.74
ENSG0000(URGCP	protein_co chr7	43875894	43926411	-	10.01	8.47
ENSG0000(TMEM248	protein_co chr7	66921225	66958551	+	41	43.5
ENSG0000(STAG3L4	transcribec chr7	67302621	67321526	+	4.12	2.66
ENSG0000(RHEB	protein_co chr7	1.51E+08	1.52E+08	-	57.28	60.16
ENSG0000(PRKAG2	protein_co chr7	1.52E+08	1.52E+08	-	5.72	6.77
ENSG0000(AEBP1	protein_co chr7	44104361	44114562	+	187.56	200.37
ENSG0000(POLD2	protein_co chr7	44114681	44124358	-	39.5	37.88
ENSG0000(MYL7	protein_co chr7	44138864	44141332	-	0	0
ENSG0000(GCK	protein_co chr7	44144271	44198170	-	0.1	0.1
ENSG0000(BCL7B	protein_co chr7	73536356	73558002	-	21.33	18.98
ENSG0000(YKT6	protein_co chr7	44200968	44214294	+	46.73	51.26
ENSG0000(TBL2	protein_co chr7	73568932	73578791	-	18.46	19.13
ENSG0000(GALNTL5	protein_co chr7	1.52E+08	1.52E+08	+	0	0.28
ENSG0000(CLIP2	protein_co chr7	74289475	74405943	+	14.63	13.83
ENSG0000(EIF4H	protein_co chr7	74174245	74197101	+	145.73	140.73
ENSG0000(LIMK1	protein_co chr7	74082933	74122525	+	16.19	17.58
ENSG0000(SPATA6L	protein_co chr9	4553386	4666674	-	0.89	0.67
ENSG0000(SLC1A1	protein_co chr9	4490444	4587469	+	13.49	14.4
ENSG0000(LHX2	protein_co chr9	1.24E+08	1.24E+08	+	0	0.05
ENSG0000(FKTN	protein_co chr9	1.06E+08	1.06E+08	+	5.98	5.29
ENSG0000(FSD1L	protein_co chr9	1.05E+08	1.06E+08	+	1.61	1.57
ENSG0000(CNTNAP3	protein_co chr9	39072767	39288315	-	8.33	8.04
ENSG0000(SPIN1	protein_co chr9	88388419	88478694	+	23.26	23.89
ENSG0000(NMRK1	protein_co chr9	75060573	75088217	-	8.93	10.69
ENSG0000(TMEM245	protein_co chr9	1.09E+08	1.09E+08	-	14.35	16.23
ENSG0000(PRUNE2	protein_co chr9	76611376	76906087	-	5.72	5.87
ENSG0000(MEGF9	protein_co chr9	1.21E+08	1.21E+08	-	8.42	9.03
ENSG0000(TRIM14	protein_co chr9	98069275	98119212	-	1.1	0.91
ENSG0000(CORO2A	protein_co chr9	98120975	98192640	-	0.33	0.28
ENSG0000(TGFB1	protein_co chr9	99104038	99154192	+	13.5	13.62
ENSG0000(SEC61B	protein_co chr9	99222064	99230615	+	91.01	95.71
ENSG0000(C5	protein_co chr9	1.21E+08	1.21E+08	-	1.51	1.06
ENSG0000(OGN	protein_co chr9	92383967	92404696	-	2.52	5.16
ENSG0000(ASPN	protein_co chr9	92456205	92482506	-	5.04	10.33
ENSG0000(ECM2	protein_co chr9	92493554	92536655	-	11.58	15.65
ENSG0000(TLE4	protein_co chr9	79571773	79726882	+	14.27	16.04
ENSG0000(LHX6	protein_co chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(PTGR1	protein_co chr9	1.12E+08	1.12E+08	-	70.45	68.28
ENSG0000(SUSD1	protein_co chr9	1.12E+08	1.12E+08	-	7.74	6.76

ENSG0000(AMBP	protein_co chr9	1.14E+08	1.14E+08 -	0.12	0.18
ENSG0000(AKNA	protein_co chr9	1.14E+08	1.14E+08 -	7.54	9.93
ENSG0000(TNFSF8	protein_co chr9	1.15E+08	1.15E+08 -	0	0
ENSG0000(DNMT1	protein_co chr9	1.28E+08	1.28E+08 +	6.98	10.25
ENSG0000(ENG	protein_co chr9	1.28E+08	1.28E+08 -	80.14	71.89
ENSG0000(AK1	protein_co chr9	1.28E+08	1.28E+08 -	52.64	47.88
ENSG0000(CDC37L1	protein_co chr9	4679559	4708398 +	8.17	9.2
ENSG0000(RLN2	protein_co chr9	5299868	5304969 -	0	0
ENSG0000(RLN1	protein_co chr9	5334969	5339873 -	0	0
ENSG0000(PLGRKT	protein_co chr9	5357973	5437878 -	7.71	7.97
ENSG0000(TBC1D13	protein_co chr9	1.29E+08	1.29E+08 +	16.05	13.31
ENSG0000(RIC1	protein_co chr9	5629025	5776557 +	19.13	16.01
ENSG0000(KDM4C	protein_co chr9	6720863	7175648 +	10.57	8.7
ENSG0000(DOCK8	protein_co chr9	214854	465259 +	0.25	0.01
ENSG0000(KANK1	protein_co chr9	470291	746106 +	6.13	5.38
ENSG0000(ELAVL2	protein_co chr9	23690104	23826337 -	0	0
ENSG0000(NCS1	protein_co chr9	1.3E+08	1.3E+08 +	19.78	17.67
ENSG0000(TESK1	protein_co chr9	35605305	35610041 +	18.75	16.28
ENSG0000(KCNT1	protein_co chr9	1.36E+08	1.36E+08 +	0	0
ENSG0000(CA9	protein_co chr9	35673856	35681159 +	0.66	1.01
ENSG0000(FUBP3	protein_co chr9	1.31E+08	1.31E+08 +	18.34	18.5
ENSG0000(TYRP1	protein_co chr9	12685439	12710290 +	0.61	1.12
ENSG0000(CREB3	protein_co chr9	35732335	35737004 +	27.22	26.61
ENSG0000(RGP1	protein_co chr9	35749287	35758575 +	11.71	11.73
ENSG0000(MPDZ	protein_co chr9	13105704	13279590 -	13.17	14.33
ENSG0000(LHX3	protein_co chr9	1.36E+08	1.36E+08 -	0	0
ENSG0000(DDX58	protein_co chr9	32455705	32526324 -	3.35	3.26
ENSG0000(EDF1	protein_co chr9	1.37E+08	1.37E+08 -	233.86	225.12
ENSG0000(PIP5K1B	protein_co chr9	68705414	69009176 +	0	0.02
ENSG0000(GLIS3	protein_co chr9	3824127	4348392 -	15	14.67
ENSG0000(BAG1	protein_co chr9	33247820	33264720 -	22.8	25.59
ENSG0000(RAPGEF1	protein_co chr9	1.32E+08	1.32E+08 -	10.96	13.4
ENSG0000(NPDC1	protein_co chr9	1.37E+08	1.37E+08 -	53.72	57.05
ENSG0000(APBA1	protein_co chr9	69427530	69672306 -	0.89	1.57
ENSG0000(SETX	protein_co chr9	1.32E+08	1.32E+08 -	9.17	10.61
ENSG0000(SH3GL2	protein_co chr9	17579082	17797129 +	0	0.05
ENSG0000(PTGDS	protein_co chr9	1.37E+08	1.37E+08 +	68.57	73.44
ENSG0000(ABCA2	protein_co chr9	1.37E+08	1.37E+08 -	17.29	18.55
ENSG0000(SHB	protein_co chr9	37919134	38069211 -	13.14	12.3
ENSG0000(UBE2R2	protein_co chr9	33817567	33920404 +	15.47	16.66
ENSG0000(ABHD17B	protein_co chr9	71862452	71910931 -	3.72	3.42
ENSG0000(EXOSC3	protein_co chr9	37766978	37801437 -	17.36	16.72
ENSG0000(ZFAND5	protein_co chr9	72351425	72365235 -	109.54	102.62
ENSG0000(DVL1	protein_co chr1	1335276	1349350 -	21.42	19.24
ENSG0000(PDLIM1	protein_co chr10	95237572	95291024 -	72.47	67.91

ENSG0000(CCNJ	protein_co chr10	96043394	96060870	+	2.11	1.7
ENSG0000(DNTT	protein_co chr10	96304396	96338564	+	0	0
ENSG0000(GATA3	protein_co chr10	8053604	8075198	+	1.88	1.61
ENSG0000(ATRNL1	protein_co chr10	1.15E+08	1.16E+08	+	0.07	0.07
ENSG0000(HPS1	protein_co chr10	98416198	98446947	-	44.32	45.56
ENSG0000(PHYH	protein_co chr10	13277796	13302412	-	17.67	19.47
ENSG0000(RASSF4	protein_co chr10	44959407	44995891	+	38.05	39.53
ENSG0000(DNMBP	protein_co chr10	99875577	1E+08	-	7.35	7.76
ENSG0000(RAB11FIP2	protein_co chr10	1.18E+08	1.18E+08	-	9.83	5.8
ENSG0000(CXCL12	protein_co chr10	44370165	44386493	-	102.23	87.45
ENSG0000(ERLIN1	protein_co chr10	1E+08	1E+08	-	24.74	25.29
ENSG0000(EIF3A	protein_co chr10	1.19E+08	1.19E+08	-	66.33	68.4
ENSG0000(PKD2L1	protein_co chr10	1E+08	1E+08	-	0	0
ENSG0000(CUBN	protein_co chr10	16823964	17129831	-	0.19	0.19
ENSG0000(TRDMT1	protein_co chr10	17142254	17202054	-	1.72	1.75
ENSG0000(DDX50	protein_co chr10	68901278	68946847	+	17.26	15.83
ENSG0000(MAPK8	protein_co chr10	48306639	48439360	+	17.76	18.51
ENSG0000(SEC23IP	protein_co chr10	1.2E+08	1.2E+08	+	18.15	16.3
ENSG0000(ATE1	protein_co chr10	1.22E+08	1.22E+08	-	4.84	5.59
ENSG0000(NSMCE4A	protein_co chr10	1.22E+08	1.22E+08	-	8.58	7.58
ENSG0000(PLEKHA1	protein_co chr10	1.22E+08	1.22E+08	+	10.05	10.55
ENSG0000(PALD1	protein_co chr10	70478821	70568449	+	0	0.01
ENSG0000(UNC5B	protein_co chr10	71212570	71302864	+	14.87	16.12
ENSG0000(CDH23	protein_co chr10	71396934	71815947	+	0.11	0.17
ENSG0000(VSIR	protein_co chr10	71747559	71773498	-	54.27	56.52
ENSG0000(SPOCK2	protein_co chr10	72059035	72089032	-	0.32	0.09
ENSG0000(MICU1	protein_co chr10	72367327	72626191	-	41.84	42.74
ENSG0000(PPP3CB	protein_co chr10	73436428	73496024	-	20.1	20.33
ENSG0000(CCSER2	protein_co chr10	84328586	84518521	+	20.48	21.34
ENSG0000(BMPR1A	protein_co chr10	86756601	86932838	+	14.19	12.42
ENSG0000(MINPP1	protein_co chr10	87504875	87553460	+	10.16	10.64
ENSG0000(ACTA2	protein_co chr10	88935074	88991339	-	329.9	481.15
ENSG0000(LIPA	protein_co chr10	89213569	89414557	-	33.85	29.56
ENSG0000(TLX1	protein_co chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(TWNK	protein_co chr10	1.01E+08	1.01E+08	+	3.58	3.1
ENSG0000(LZTS2	protein_co chr10	1.01E+08	1.01E+08	+	51.13	50.66
ENSG0000(SFXN3	protein_co chr10	1.01E+08	1.01E+08	+	43.8	48.29
ENSG0000(KAZALD1	protein_co chr10	1.01E+08	1.01E+08	+	8.21	8.6
ENSG0000(FBXW4	protein_co chr10	1.02E+08	1.02E+08	-	12.79	14.48
ENSG0000(FGF8	protein_co chr10	1.02E+08	1.02E+08	-	0.07	0
ENSG0000(NPM3	protein_co chr10	1.02E+08	1.02E+08	-	15.44	13.19
ENSG0000(TNKS2	protein_co chr10	91798312	91865276	+	14.61	14.25
ENSG0000(PITX3	protein_co chr10	1.02E+08	1.02E+08	-	0.5	0.22
ENSG0000(GBF1	protein_co chr10	1.02E+08	1.02E+08	+	19.22	19.19
ENSG0000(ARHGAP21	protein_co chr10	24583609	24723668	-	61.13	68.85

ENSG0000(CPEB3	protein_co chr10	92046692	92291087	-	0.47	0.71
ENSG0000(FBXL15	protein_co chr10	1.02E+08	1.02E+08	+	5.53	6.7
ENSG0000(CUEDC2	protein_co chr10	1.02E+08	1.02E+08	-	36.19	39.12
ENSG0000(SUFU	protein_co chr10	1.03E+08	1.03E+08	+	7.3	8.65
ENSG0000(ANKRD26	protein_co chr10	26991914	27100498	-	2.06	2
ENSG0000(ACBD5	protein_co chr10	27195214	27242130	-	10.48	9.02
ENSG0000(LHPP	protein_co chr10	1.24E+08	1.25E+08	+	8.19	7.82
ENSG0000(LARP4B	protein_co chr10	806914	931705	-	12.74	11.35
ENSG0000(GTPBP4	protein_co chr10	988019	1019936	+	8.71	12.98
ENSG0000(EDRF1	protein_co chr10	1.26E+08	1.26E+08	+	4.68	6.23
ENSG0000(BCCIP	protein_co chr10	1.26E+08	1.26E+08	+	13.88	14.95
ENSG0000(MTPAP	protein_co chr10	30309801	30374448	-	3.64	3.86
ENSG0000(NEURL1	protein_co chr10	1.03E+08	1.04E+08	+	0	0
ENSG0000(SH3PXD2A	protein_co chr10	1.04E+08	1.04E+08	-	20.41	22.95
ENSG0000(PITRM1	protein_co chr10	3137728	3172841	-	19.65	20.25
ENSG0000(STN1	protein_co chr10	1.04E+08	1.04E+08	-	9.5	11.03
ENSG0000(MAP3K8	protein_co chr10	30433937	30461833	+	17.32	16.26
ENSG0000(DKK1	protein_co chr10	52314296	52318042	+	131.56	112.04
ENSG0000(EBF3	protein_co chr10	1.3E+08	1.3E+08	-	12.48	12.23
ENSG0000(GLRX3	protein_co chr10	1.3E+08	1.3E+08	+	31.85	33.05
ENSG0000(SORCS1	protein_co chr10	1.07E+08	1.07E+08	-	0	0
ENSG0000(FAM208B	protein_co chr10	5684838	5763740	+	14.71	13.6
ENSG0000(XPNPEP1	protein_co chr10	1.1E+08	1.1E+08	-	30.32	33.66
ENSG0000(SMC3	protein_co chr10	1.11E+08	1.11E+08	+	13.26	12.39
ENSG0000(SHOC2	protein_co chr10	1.11E+08	1.11E+08	+	16.7	19.65
ENSG0000(TFAM	protein_co chr10	58385022	58399221	+	6.13	6.15
ENSG0000(CCDC6	protein_co chr10	59788763	59906656	-	9.69	10.24
ENSG0000(CUL2	protein_co chr10	35008551	35090642	-	12.17	16.41
ENSG0000(CCN1	protein_co chr10	35247025	35572669	+	48.01	49.47
ENSG0000(UBE2S	protein_co chr19	55399745	55407777	-	12.24	14.06
ENSG0000(RPL28	protein_co chr19	55385345	55403250	+	944.31	939.87
ENSG0000(ZMIZ1	protein_co chr10	79069035	79316528	+	28.69	29.63
ENSG0000(DNAJC12	protein_co chr10	67796665	67838166	-	1.91	0.94
ENSG0000(PPIF	protein_co chr10	79347469	79355337	+	20.48	20.25
ENSG0000(PBLD	protein_co chr10	68282660	68333049	-	5.11	4.41
ENSG0000(TSPAN14	protein_co chr10	80454166	80533123	+	30.15	28.87
ENSG0000(LGI1	protein_co chr10	93757809	93806272	+	0.11	0.19
ENSG0000(TBC1D12	protein_co chr10	94402504	94535930	+	2.99	2.61
ENSG0000(CYP2C18	protein_co chr10	94683621	94736190	+	0	0.09
ENSG0000(KRT23	protein_co chr17	40922696	40937634	-	0	0
ENSG0000(CRYBA1	protein_co chr17	29246863	29254494	+	0.08	0.09
ENSG0000(NUFIP2	protein_co chr17	29255836	29294118	-	18.91	16.22
ENSG0000(GIT1	protein_co chr17	29573469	29594054	-	14.16	15.87
ENSG0000(RPL19	protein_co chr17	39200283	39204727	+	1296.84	1297.95
ENSG0000(FBXL20	protein_co chr17	39252644	39402523	-	5.9	5.25

ENSG0000(RUNDC3A	protein_co chr17	44308413	44318671	+	0.18	0.12
ENSG0000(UBTF	protein_co chr17	44205033	44221626	-	25.21	23.99
ENSG0000(CSF3	protein_co chr17	40015361	40017813	+	0.95	0.9
ENSG0000(PSMD3	protein_co chr17	39980797	39997960	+	37.13	39.33
ENSG0000(CASC3	protein_co chr17	40140318	40172183	+	20.84	23.67
ENSG0000(RAPGEFL1	protein_co chr17	40177010	40195656	+	2.57	2.16
ENSG0000(RGS9	protein_co chr17	65100812	65227703	+	1.33	2.46
ENSG0000(RNF43	protein_co chr17	58352500	58417595	-	0.58	0.12
ENSG0000(WNT3	protein_co chr17	46762506	46833154	-	0.83	1.01
ENSG0000(ASPA	protein_co chr17	3472374	3503419	+	1.1	1.75
ENSG0000(RAD51C	protein_co chr17	58692573	58735611	+	14.12	12.33
ENSG0000(4-Sep	protein_co chr17	58520250	58540818	-	3.09	3.14
ENSG0000(MTMR4	protein_co chr17	58489529	58517905	-	13.59	9.27
ENSG0000(TRIM37	protein_co chr17	58982638	59106921	-	12.59	13.55
ENSG0000(P2RX1	protein_co chr17	3896592	3916500	-	0	0.08
ENSG0000(DHX40	protein_co chr17	59565525	59608345	+	25.92	24.01
ENSG0000(KRT37	protein_co chr17	41420753	41424523	-	0	0
ENSG0000(TUBD1	protein_co chr17	59859482	59892945	-	1.77	2.57
ENSG0000(KPNB1	protein_co chr17	47649476	47685505	+	98.34	95.87
ENSG0000(GOSR2	protein_co chr17	46923075	46975524	+	19.47	20.3
ENSG0000(PNPO	protein_co chr17	47941506	47948288	+	7.73	8.52
ENSG0000(TVP23BP2	processed_chr2	74628328	74628942	-	0	0
ENSG0000(RPS6KB1	protein_co chr17	59893046	59950564	+	13.34	15.31
ENSG0000(TRIM16L	protein_co chr17	18697998	18736118	+	7.2	8.38
ENSG0000(ZNF29P	unprocessε chr17	15675476	15675643	+	0	0
ENSG0000(CDK5RAP3	protein_co chr17	47967810	47981774	+	39.06	42.55
ENSG0000(CBX1	protein_co chr17	48070052	48101521	-	36.17	33.84
ENSG0000(RECQL5	protein_co chr17	75626845	75667189	-	8.27	6.38
ENSG0000(PIGL	protein_co chr17	16217191	16351797	+	24.26	20.44
ENSG0000(GALK1	protein_co chr17	75751594	75765711	-	13.04	11.91
ENSG0000(INTS2	protein_co chr17	61865367	61928016	-	1.8	1.86
ENSG0000(CAMTA2	protein_co chr17	4967992	4987652	-	33.14	34.04
ENSG0000(MED13	protein_co chr17	61942605	62065282	-	8.01	9.6
ENSG0000(HOXB6	protein_co chr17	48595751	48604992	-	0.35	0.23
ENSG0000(ENO3	protein_co chr17	4948092	4957131	+	3.22	2.45
ENSG0000(AC003958	unprocessε chr17	41334632	41335733	+	0	0
ENSG0000(PFN1	protein_co chr17	4945652	4949061	-	527.23	509.36
ENSG0000(RNF167	protein_co chr17	4940008	4945222	+	40.63	44.32
ENSG0000(SLC25A11	protein_co chr17	4937130	4940251	-	26.96	24.33
ENSG0000(RASD1	protein_co chr17	17494437	17496395	-	16.32	15.25
ENSG0000(CHRNE	protein_co chr17	4897774	4903074	-	0.18	0.13
ENSG0000(RAI1	protein_co chr17	17681473	17811453	+	7.62	8.21
ENSG0000(NUP88	protein_co chr17	5360963	5420160	-	11.62	10.88
ENSG0000(C1QBP	protein_co chr17	5432777	5448830	-	38.11	39.23
ENSG0000(SLC6A4	protein_co chr17	30194319	30236002	-	0.67	1.23

ENSG0000(BLMH	protein_co chr17	30248195	30292056 -	15.52	17.06
ENSG0000(CPD	protein_co chr17	30378905	30469989 +	130.98	138.21
ENSG0000(GOSR1	protein_co chr17	30477362	30527592 +	11.95	16.83
ENSG0000(CCDC47	protein_co chr17	63745250	63776351 -	32.13	31.15
ENSG0000(MED31	protein_co chr17	6643315	6651634 -	6.98	6.14
ENSG0000(DRG2	protein_co chr17	18087886	18107971 +	10.89	15.17
ENSG0000(FTSJ3	protein_co chr17	63819433	63830012 -	17.11	17.39
ENSG0000(AKAP10	protein_co chr17	19904302	19978343 -	9.84	11.83
ENSG0000(ALDH3A1	protein_co chr17	19737984	19748943 -	0.51	0.93
ENSG0000(SMARCD2	protein_co chr17	63832081	63843065 -	26.65	28.43
ENSG0000(ICAM2	protein_co chr17	64002594	64020634 -	1.95	1.96
ENSG0000(SYNGR2	protein_co chr17	78168558	78173527 +	6.45	5.62
ENSG0000(B9D1	protein_co chr17	19337554	19378182 -	14.48	15.01
ENSG0000(UTP6	protein_co chr17	31860899	31901765 -	17.47	16.11
ENSG0000(DDX5	protein_co chr17	64499616	64508199 -	236.03	263.75
ENSG0000(C17orf75	protein_co chr17	32324565	32350023 -	7.44	6.48
ENSG0000(CYTH1	protein_co chr17	78674048	78782297 -	6.53	5.33
ENSG0000(PSMD11	protein_co chr17	32444261	32483318 +	18.8	24.1
ENSG0000(LGALS3BP	protein_co chr17	78971238	78980109 -	373.23	357.86
ENSG0000(ASIC2	protein_co chr17	33013087	34174964 -	0	0.16
ENSG0000(CCL7	protein_co chr17	34270221	34272242 +	6.85	6.58
ENSG0000(CCL2	protein_co chr17	34255218	34257203 +	266.8	237.93
ENSG0000(CCL8	protein_co chr17	34319036	34321402 +	0.19	0.56
ENSG0000(CCL1	protein_co chr17	34360328	34363231 -	0	0
ENSG0000(PEX12	protein_co chr17	35574795	35578863 -	3.97	3.97
ENSG0000(KRT32	protein_co chr17	41459811	41467429 -	0	0
ENSG0000(DHX58	protein_co chr17	42101404	42112733 -	7.29	7.27
ENSG0000(KAT2A	protein_co chr17	42113108	42121358 -	11.01	13.84
ENSG0000(RAB5C	protein_co chr17	42124976	42155044 -	97.37	93.95
ENSG0000(NAGLU	protein_co chr17	42536172	42544449 +	56.49	58.34
ENSG0000(HSD17B1P:	unprocessε chr17	42546764	42548706 +	0	0
ENSG0000(HSD17B1	protein_co chr17	42549214	42555213 +	0.74	0.76
ENSG0000(MLX	protein_co chr17	42567068	42573239 +	16.47	16.58
ENSG0000(CNTNAP1	protein_co chr17	42682613	42699814 +	51.56	48.15
ENSG0000(ABI3	protein_co chr17	49210227	49223225 +	0	0.11
ENSG0000(EZH1	protein_co chr17	42700275	42745049 -	14.86	16.61
ENSG0000(DLX4	protein_co chr17	49968970	49974959 +	0.45	0.55
ENSG0000(PPP1R9B	protein_co chr17	50133735	50150630 -	20.04	19.73
ENSG0000(COL1A1	protein_co chr17	50183289	50201632 -	2909.75	3039.8
ENSG0000(SGCA	protein_co chr17	50164214	50175931 +	0.29	0.51
ENSG0000(PTGES3L-A	protein_co chr17	42950526	42980528 -	0.51	0.64
ENSG0000(MRPL27	protein_co chr17	50367857	50373214 -	26.44	33.5
ENSG0000(VAT1	protein_co chr17	43014605	43025123 -	373.03	370.96
ENSG0000(LRRC59	protein_co chr17	50375059	50397553 -	26.35	27.18
ENSG0000(RND2	protein_co chr17	43025241	43032036 +	1.03	1.56

ENSG0000(ALOX12	protein_co chr17	6996065	7010736	+	0	0
ENSG0000(HDAC5	protein_co chr17	44076746	44123702	-	23.63	23.72
ENSG0000(ABCC3	protein_co chr17	50634777	50692252	+	5.85	4.56
ENSG0000(LUC7L3	protein_co chr17	50719544	50756213	+	52.27	51.96
ENSG0000(PPY	protein_co chr17	43940804	43942468	-	0.17	0
ENSG0000(MPP2	protein_co chr17	43875357	43909711	-	2.87	2.89
ENSG0000(SMURF2	protein_co chr17	64542295	64662068	-	17.82	15.68
ENSG0000(DUSP3	protein_co chr17	43766121	43778988	-	25.47	23.61
ENSG0000(CACNG1	protein_co chr17	67044590	67056797	+	0	0
ENSG0000(EFTUD2	protein_co chr17	44849943	44899662	-	25.72	23.26
ENSG0000(HLF	protein_co chr17	55265012	55325065	+	0	0
ENSG0000(SLC16A6	protein_co chr17	68267026	68291267	-	0.05	0
ENSG0000(PRKAR1A	protein_co chr17	68511780	68551319	+	148.69	145.63
ENSG0000(EFNB3	protein_co chr17	7705202	7711378	+	16.71	17.1
ENSG0000(FAM20A	protein_co chr17	68535113	68601389	-	40.25	36.51
ENSG0000(YWHAE	protein_co chr17	1344272	1400378	-	210.19	198.66
ENSG0000(AC016292.	processed_chr17	1858039	1858446	-	0	0
ENSG0000(MMD	protein_co chr17	55392613	55421992	-	2.41	3.09
ENSG0000(RANGRF	protein_co chr17	8288497	8290092	+	16.31	16.72
ENSG0000(DPH1	protein_co chr17	2030110	2043430	+	21.64	22.87
ENSG0000(MAP2K6	protein_co chr17	69414698	69543331	+	0.58	1.7
ENSG0000(DHRS7B	protein_co chr17	21123364	21193265	+	7.94	9.95
ENSG0000(WSB1	protein_co chr17	27294076	27315926	+	178.81	171.67
ENSG0000(RCVRN	protein_co chr17	9896320	9905621	-	0	0
ENSG0000(MYH1	protein_co chr17	10492307	10518543	-	0	0
ENSG0000(SLC9A3R1	protein_co chr17	74748652	74769353	+	5.61	7.23
ENSG0000(MYH3	protein_co chr17	10628526	10657309	-	0.27	0.53
ENSG0000(NAT9	protein_co chr17	74770547	74776367	-	19.19	19.53
ENSG0000(TMEM104	protein_co chr17	74776483	74839779	+	4.78	5.33
ENSG0000(VTN	protein_co chr17	28367276	28373091	-	39.84	35.06
ENSG0000(TNFAIP1	protein_co chr17	28335602	28347009	+	18.09	16.58
ENSG0000(IFT20	protein_co chr17	28328325	28335489	-	27.89	31.92
ENSG0000(TMEM97	protein_co chr17	28319095	28328685	+	7.78	7.75
ENSG0000(CDR2L	protein_co chr17	74987632	75005800	+	6.5	6.27
ENSG0000(PMP22	protein_co chr17	15229777	15265326	-	46.91	48.03
ENSG0000(FOXN1	protein_co chr17	28506243	28538896	+	0	0
ENSG0000(UNC119	protein_co chr17	28546707	28552668	-	20.18	18.4
ENSG0000(ALDOC	protein_co chr17	28573115	28577264	-	46.59	40.43
ENSG0000(SUPT6H	protein_co chr17	28662091	28702684	+	29.63	27.63
ENSG0000(RAB34	protein_co chr17	28714281	28718429	-	98.76	96.08
ENSG0000(PHF12	protein_co chr17	28905250	28951771	-	13.95	12.94
ENSG0000(PHOX2B	protein_co chr4	41744082	41748970	-	0	0
ENSG0000(TMEM33	protein_co chr4	41935120	41960572	+	11.7	12.37
ENSG0000(GABRA4	protein_co chr4	46918900	46994407	-	0	0
ENSG0000(GNRHR	protein_co chr4	67739328	67754360	-	0	0

ENSG0000(SLAIN2	protein_co chr4	48341322	48426212	+	30.64	34.18
ENSG0000(OCIAD1	protein_co chr4	48805212	48861817	+	62.35	62.31
ENSG0000(UGT2B10	protein_co chr4	68815993	68831196	+	0	0
ENSG0000(CWH43	protein_co chr4	48986247	49062081	+	0	0
ENSG0000(DCUN1D4	protein_co chr4	51843000	51916837	+	19.94	23.13
ENSG0000(USP46	protein_co chr4	52590972	52659335	-	4.51	6.54
ENSG0000(SULT1E1	protein_co chr4	69810780	69860152	-	1.28	1.81
ENSG0000(ODAM	protein_co chr4	70196496	70204576	+	0.1	0
ENSG0000(SMR3A	protein_co chr4	70360761	70367158	+	0	0
ENSG0000(CHIC2	protein_co chr4	54009789	54064690	-	21.14	21.25
ENSG0000(NMU	protein_co chr4	55595229	55636698	-	1.75	0.28
ENSG0000(KIAA1211	protein_co chr4	56049073	56328625	+	6.4	7.61
ENSG0000(LAMTOR3	protein_co chr4	99878336	99894490	-	25.33	22.93
ENSG0000(PF4V1	protein_co chr4	73853189	73854155	+	1.4	1.09
ENSG0000(NFKB1	protein_co chr4	1.03E+08	1.03E+08	+	12.93	15.79
ENSG0000(AREG	protein_co chr4	74445134	74455009	+	0.33	1.12
ENSG0000(MANBA	protein_co chr4	1.03E+08	1.03E+08	-	26.65	24.98
ENSG0000(UBE2D3	protein_co chr4	1.03E+08	1.03E+08	-	127.65	113.17
ENSG0000(MAPK10	protein_co chr4	86010395	86594131	-	5.9	5.25
ENSG0000(ELF2	protein_co chr4	1.39E+08	1.39E+08	-	14.67	15.79
ENSG0000(NDUFC1	protein_co chr4	1.39E+08	1.39E+08	-	39.39	44.1
ENSG0000(UCP1	protein_co chr4	1.41E+08	1.41E+08	-	0	0
ENSG0000(TBC1D9	protein_co chr4	1.41E+08	1.41E+08	-	15.69	15.23
ENSG0000(ZNF330	protein_co chr4	1.41E+08	1.41E+08	+	18.34	21.29
ENSG0000(INPP4B	protein_co chr4	1.42E+08	1.43E+08	-	0.57	0.93
ENSG0000(GAB1	protein_co chr4	1.43E+08	1.43E+08	+	7.06	5.78
ENSG0000(KLHL2	protein_co chr4	1.65E+08	1.65E+08	+	11.78	11.15
ENSG0000(IL2	protein_co chr4	1.22E+08	1.22E+08	-	0	0
ENSG0000(CPE	protein_co chr4	1.65E+08	1.65E+08	+	26.22	28.68
ENSG0000(RPL34	protein_co chr4	1.09E+08	1.09E+08	+	843.45	852.48
ENSG0000(WFS1	protein_co chr4	6269849	6303265	+	8.68	11.49
ENSG0000(ANXA10	protein_co chr4	1.68E+08	1.68E+08	+	11.45	9.25
ENSG0000(GRPEL1	protein_co chr4	7058906	7068197	-	15.29	12.04
ENSG0000(GAR1	protein_co chr4	1.1E+08	1.1E+08	+	6.92	7.2
ENSG0000(FRG1	protein_co chr4	1.9E+08	1.9E+08	+	19.96	23.42
ENSG0000(CLCN3	protein_co chr4	1.7E+08	1.7E+08	+	26.47	24.7
ENSG0000(AADAT	protein_co chr4	1.7E+08	1.7E+08	-	2.58	3.2
ENSG0000(GALNT7	protein_co chr4	1.73E+08	1.73E+08	+	18.49	19.49
ENSG0000(DHX15	protein_co chr4	24517441	24584550	-	35.08	33.88
ENSG0000(SOD3	protein_co chr4	24789912	24800842	+	47.3	49.73
ENSG0000(SEPSECS	protein_co chr4	25120014	25160442	-	2.61	3.15
ENSG0000(CPZ	protein_co chr4	8592660	8619759	+	6.03	6.93
ENSG0000(TRIM2	protein_co chr4	1.53E+08	1.53E+08	+	16.49	13.72
ENSG0000(SLC2A9	protein_co chr4	9771153	10054936	-	3.39	4.23
ENSG0000(FBXW7	protein_co chr4	1.52E+08	1.53E+08	-	8.05	9.07

ENSG0000(NEIL3	protein_co chr4	1.77E+08	1.77E+08 +	0.24	0.35
ENSG0000(TBC1D19	protein_co chr4	26576437	26755351 +	4.54	5.32
ENSG0000(CLNK	protein_co chr4	10486395	10684865 -	0	0.08
ENSG0000(NSD2	protein_co chr4	1871424	1982207 +	6.38	9.67
ENSG0000(SH3D19	protein_co chr4	1.51E+08	1.51E+08 -	60.25	64.56
ENSG0000(STIM2	protein_co chr4	26857678	27025381 +	9.32	10.83
ENSG0000(NKX3-2	protein_co chr4	13540830	13545050 -	0.08	0.06
ENSG0000(MFSD10	protein_co chr4	2930561	2934859 -	38.7	39.04
ENSG0000(GLRB	protein_co chr4	1.57E+08	1.57E+08 +	2.75	2.3
ENSG0000(BST1	protein_co chr4	15702950	15738313 +	28.15	28.96
ENSG0000(RAPGEF2	protein_co chr4	1.59E+08	1.59E+08 +	19.08	14.09
ENSG0000(HGFAC	protein_co chr4	3441887	3449495 +	0.12	0.18
ENSG0000(SNX25	protein_co chr4	1.85E+08	1.85E+08 +	7.28	5.46
ENSG0000(LRP2BP	protein_co chr4	1.85E+08	1.85E+08 -	0.1	0.2
ENSG0000(UFSP2	protein_co chr4	1.85E+08	1.85E+08 -	14.9	15.37
ENSG0000(KLF3	protein_co chr4	38664196	38701042 +	10.91	12.38
ENSG0000(KLHL5	protein_co chr4	39045039	39126857 +	72.12	75.18
ENSG0000(FAM149A	protein_co chr4	1.86E+08	1.86E+08 +	3.95	3.14
ENSG0000(NCAPG	protein_co chr4	17810902	17844862 +	0.25	0.26
ENSG0000(UGDH	protein_co chr4	39498755	39528311 -	32.29	33.55
ENSG0000(PPARGC1A	protein_co chr4	23755041	23904089 -	0.51	0.03
ENSG0000(DDX25	protein_co chr11	1.26E+08	1.26E+08 +	0.02	0
ENSG0000(CRYAB	protein_co chr11	1.12E+08	1.12E+08 -	29.27	43.29
ENSG0000(DBX1	protein_co chr11	20156155	20160613 -	0	0
ENSG0000(HTATIP2	protein_co chr11	20363685	20383783 +	25.56	23.78
ENSG0000(CTSC	protein_co chr11	88293592	88337787 -	51.41	42.79
ENSG0000(CCDC34	protein_co chr11	27330827	27363868 -	3.46	2.88
ENSG0000(ZBTB16	protein_co chr11	1.14E+08	1.14E+08 +	0	0.01
ENSG0000(ELP4	protein_co chr11	31509700	31790328 +	6.27	6.19
ENSG0000(ZPR1	protein_co chr11	1.17E+08	1.17E+08 -	19.73	18.77
ENSG0000(MTCH2	protein_co chr11	47617315	47642623 -	62.12	64.16
ENSG0000(FNBP4	protein_co chr11	47716517	47767443 -	28.41	33.79
ENSG0000(TECTA	protein_co chr11	1.21E+08	1.21E+08 +	0.22	0.3
ENSG0000(SC5D	protein_co chr11	1.21E+08	1.21E+08 +	18.61	24.94
ENSG0000(CRTAM	protein_co chr11	1.23E+08	1.23E+08 +	0.06	0.13
ENSG0000(C11orf63	protein_co chr11	1.23E+08	1.23E+08 +	0.93	1.15
ENSG0000(B3GAT1	protein_co chr11	1.34E+08	1.34E+08 -	0	0
ENSG0000(HSPA8	protein_co chr11	1.23E+08	1.23E+08 -	577.16	597.14
ENSG0000(P2RX3	protein_co chr11	57338374	57370600 +	0	0.14
ENSG0000(VWA5A	protein_co chr11	1.24E+08	1.24E+08 +	10.64	10.81
ENSG0000(DNAJC4	protein_co chr11	64230278	64234286 +	21.66	20.64
ENSG0000(SIAE	protein_co chr11	1.25E+08	1.25E+08 -	19.08	18.78
ENSG0000(SNX15	protein_co chr11	65027408	65040572 +	8.69	7.74
ENSG0000(LPXN	protein_co chr11	58526871	58578220 -	7.82	6.6
ENSG0000(DTX4	protein_co chr11	59171430	59208587 +	0.82	1.43

ENSG0000(ATG2A	protein_co chr11	64894546	64917248	-	5.83	6.96
ENSG0000(EHD1	protein_co chr11	64851642	64888296	-	21.03	20.06
ENSG0000(OSBP	protein_co chr11	59574398	59616144	-	15.73	15.45
ENSG0000(UNC93B1	protein_co chr11	67991104	68004982	-	12.63	12.42
ENSG0000(PUS3	protein_co chr11	1.26E+08	1.26E+08	-	5.66	4.85
ENSG0000(DCPS	protein_co chr11	1.26E+08	1.26E+08	+	7.36	6.66
ENSG0000(KMT5B	protein_co chr11	68154863	68213828	-	10.24	10.56
ENSG0000(FOXRED1	protein_co chr11	1.26E+08	1.26E+08	+	8.15	8.66
ENSG0000(PPP6R3	protein_co chr11	68460731	68615334	+	18.97	20.4
ENSG0000(NRXN2	protein_co chr11	64606174	64723188	-	0.24	0.86
ENSG0000(MS4A6A	protein_co chr11	60172014	60184666	-	0	0.05
ENSG0000(MS4A4A	protein_co chr11	60280541	60308972	+	0	0
ENSG0000(ST3GAL4	protein_co chr11	1.26E+08	1.26E+08	+	22.89	23.07
ENSG0000(CPT1A	protein_co chr11	68754620	68844410	-	17.9	18.29
ENSG0000(CCND1	protein_co chr11	69641087	69654474	+	20.07	16.49
ENSG0000(CCDC86	protein_co chr11	60842071	60851081	+	9.14	9.37
ENSG0000(PRPF19	protein_co chr11	60890730	60906588	-	28.96	31.09
ENSG0000(TMEM109	protein_co chr11	60913874	60923443	+	40.61	42.74
ENSG0000(CCKBR	protein_co chr11	6259736	6272127	+	0	0
ENSG0000(HPX	protein_co chr11	6431049	6442617	-	1.46	1.17
ENSG0000(TRIM3	protein_co chr11	6448613	6474459	-	12.67	11.86
ENSG0000(CHORDC1	protein_co chr11	90201160	90223364	-	9.01	10.53
ENSG0000(FOLR1	protein_co chr11	72189558	72196323	+	0	0
ENSG0000(ANAPC15	protein_co chr11	72106378	72112780	-	16.36	16.52
ENSG0000(FOLR3	protein_co chr11	72114869	72139892	+	0.73	0.52
ENSG0000(PANX1	protein_co chr11	94128928	94181972	+	14.07	10.9
ENSG0000(ARHGEF17	protein_co chr11	73308289	73369091	+	20.52	18.95
ENSG0000(APOA5	protein_co chr11	1.17E+08	1.17E+08	-	0.14	0.15
ENSG0000(APOA4	protein_co chr11	1.17E+08	1.17E+08	-	0	0
ENSG0000(APOC3	protein_co chr11	1.17E+08	1.17E+08	+	0	0
ENSG0000(CEP164	protein_co chr11	1.17E+08	1.17E+08	+	11.31	12.18
ENSG0000(RNF141	protein_co chr11	10511678	10541230	-	12.03	15.74
ENSG0000(CEP126	protein_co chr11	1.02E+08	1.02E+08	+	1.73	2.42
ENSG0000(EIF4G2	protein_co chr11	10797050	10809110	-	225.97	237.69
ENSG0000(IL10RA	protein_co chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000(GALNT18	protein_co chr11	11270876	11622005	-	0.17	0.19
ENSG0000(BIRC2	protein_co chr11	1.02E+08	1.02E+08	+	20.41	22.53
ENSG0000(UBE4A	protein_co chr11	1.18E+08	1.18E+08	+	10.04	9.97
ENSG0000(DDX6	protein_co chr11	1.19E+08	1.19E+08	-	28.48	27.33
ENSG0000(UPK2	protein_co chr11	1.19E+08	1.19E+08	+	0.14	0.49
ENSG0000(CBL	protein_co chr11	1.19E+08	1.19E+08	+	3.36	3.25
ENSG0000(NECTIN1	protein_co chr11	1.2E+08	1.2E+08	-	2.57	2.61
ENSG0000(HIPK3	protein_co chr11	33256672	33357023	+	20.66	20.32
ENSG0000(KIAA1549L	protein_co chr11	33542072	33674102	+	0.99	1.09
ENSG0000(FBXO3	protein_co chr11	33740939	33774543	-	18.33	18.51

ENSG0000(PDHX	protein_co chr11	34915829	35020591	+	10.78	9.75
ENSG0000(SLC1A2	protein_co chr11	35251206	35420063	-	0.86	0.56
ENSG0000(COMMD9	protein_co chr11	36269284	36289449	-	45.79	49.61
ENSG0000(SLC15A3	protein_co chr11	60937084	60952530	-	11.02	14.62
ENSG0000(CD5	protein_co chr11	61102395	61127852	+	0	0
ENSG0000(ACCS	protein_co chr11	44065925	44084222	+	9.34	10.69
ENSG0000(SCGB2A2	protein_co chr11	62270155	62273156	+	0	0
ENSG0000(MDK	protein_co chr11	46380756	46383837	+	159.24	153.51
ENSG0000(AMBRA1	protein_co chr11	46396414	46594125	-	8.37	8.64
ENSG0000(MADD	protein_co chr11	47269161	47330031	+	10.76	9.37
ENSG0000(PTPMT1	protein_co chr11	47565430	47573461	+	26.14	24.67
ENSG0000(NAA40	protein_co chr11	63938959	63957328	+	11.31	11.31
ENSG0000(CARS	protein_co chr11	3000922	3057613	-	47.38	52.12
ENSG0000(SLC22A18	protein_co chr11	2899721	2925246	+	11.64	9.94
ENSG0000(CD81	protein_co chr11	2376177	2397419	+	558.56	544.19
ENSG0000(SLC35F2	protein_co chr11	1.08E+08	1.08E+08	-	1.48	1.52
ENSG0000(C11orf21	protein_co chr11	2295645	2303049	-	0.04	0.29
ENSG0000(ELMOD1	protein_co chr11	1.08E+08	1.08E+08	+	0.37	0.66
ENSG0000(CALCA	protein_co chr11	14966668	14972354	-	0.22	0.08
ENSG0000(SOX6	protein_co chr11	15966449	16739591	-	0.03	0.01
ENSG0000(C11orf58	protein_co chr11	16613132	16756881	+	82.63	89.64
ENSG0000(PITPNM1	protein_co chr11	67491768	67506263	-	9.83	9.43
ENSG0000(RPS13	protein_co chr11	17074389	17077787	-	439.22	448.37
ENSG0000(AIP	protein_co chr11	67483041	67491103	+	31.67	34.38
ENSG0000(NUP98	protein_co chr11	3671083	3797792	-	18.53	18.36
ENSG0000(NDUFS8	protein_co chr11	68030617	68036644	+	37.61	43.87
ENSG0000(TCIRG1	protein_co chr11	68039016	68050895	+	25.7	28.32
ENSG0000(CHKA	protein_co chr11	68052859	68121444	-	5.44	6.61
ENSG0000(EXPH5	protein_co chr11	1.09E+08	1.09E+08	-	0.08	0.09
ENSG0000(HPS5	protein_co chr11	18278668	18322198	-	7.88	7.13
ENSG0000(GTF2H1	protein_co chr11	18322295	18367044	+	29.39	30.83
ENSG0000(POU2AF1	protein_co chr11	1.11E+08	1.11E+08	-	0.1	0.09
ENSG0000(PTPN5	protein_co chr11	18727928	18792721	-	0.08	0.1
ENSG0000(VWF	protein_co chr12	5948874	6124770	-	0.2	0.23
ENSG0000(PSMD9	protein_co chr12	1.22E+08	1.22E+08	+	43.03	43.44
ENSG0000(P3H3	protein_co chr12	6828410	6839851	+	57.06	52.05
ENSG0000(PPFIBP1	protein_co chr12	27523431	27695564	+	32.14	33.7
ENSG0000(PRP40B	protein_co chr12	49568218	49644666	+	7.38	7.34
ENSG0000(CD69	protein_co chr12	9752486	9760901	-	0	0
ENSG0000(PRDM4	protein_co chr12	1.08E+08	1.08E+08	-	10.07	11.21
ENSG0000(CLEC2B	protein_co chr12	9852984	9870136	-	6.76	6.12
ENSG0000(COQ5	protein_co chr12	1.21E+08	1.21E+08	-	13.67	13.1
ENSG0000(SELPLG	protein_co chr12	1.09E+08	1.09E+08	-	3.01	3
ENSG0000(CORO1C	protein_co chr12	1.09E+08	1.09E+08	-	81.74	75.16
ENSG0000(ASIC1	protein_co chr12	50057548	50083611	+	6.34	5.06

ENSG00000100000	DAO	protein_co chr12	1.09E+08	1.09E+08	+	0	0.12
ENSG00000100000	CAPRIN2	protein_co chr12	30709552	30754951	-	22.14	20.76
ENSG00000100000	TSPAN11	protein_co chr12	30926428	30996599	+	0.13	0.26
ENSG00000100000	KCTD10	protein_co chr12	1.09E+08	1.09E+08	-	31.94	30.25
ENSG00000100000	SLC11A2	protein_co chr12	50979401	51028566	-	20.02	23.29
ENSG00000100000	MLEC	protein_co chr12	1.21E+08	1.21E+08	+	27.4	26.86
ENSG00000100000	MVK	protein_co chr12	1.1E+08	1.1E+08	+	8.45	7.88
ENSG00000100000	CSRNP2	protein_co chr12	51061205	51083664	-	8.04	8.06
ENSG00000100000	CAMKK2	protein_co chr12	1.21E+08	1.21E+08	-	11.32	12.05
ENSG00000100000	BIN2	protein_co chr12	51281038	51324668	-	0	0
ENSG00000100000	IL23A	protein_co chr12	56334174	56340410	+	0	0
ENSG00000100000	ATP5B	protein_co chr12	56638175	56646068	-	187.17	184.75
ENSG00000100000	PTGES3	protein_co chr12	56663341	56688408	-	57.97	54.3
ENSG00000100000	SYT10	protein_co chr12	33374238	33439819	-	0	0
ENSG00000100000	BCL7A	protein_co chr12	1.22E+08	1.22E+08	+	1.83	2.77
ENSG00000100000	RSRC2	protein_co chr12	1.23E+08	1.23E+08	-	29.09	28.64
ENSG00000100000	CYP27B1	protein_co chr12	57762334	57768986	-	0.19	0.12
ENSG00000100000	MYF6	protein_co chr12	80707498	80709474	+	0	0
ENSG00000100000	MYF5	protein_co chr12	80716912	80719673	+	0	0
ENSG00000100000	LIN7A	protein_co chr12	80792520	80937925	-	0	0.01
ENSG00000100000	KRT18	protein_co chr12	52948871	52952901	+	81.52	80.16
ENSG00000100000	ACSS3	protein_co chr12	80936414	81261205	+	0.08	0.16
ENSG00000100000	TNS2	protein_co chr12	53046969	53064372	+	44.66	47.19
ENSG00000100000	GLI1	protein_co chr12	57460135	57472262	+	0.79	1.06
ENSG00000100000	PPM1H	protein_co chr12	62643982	62935037	-	0.24	0.23
ENSG00000100000	METAP2	protein_co chr12	95473520	95515839	+	47.54	40.53
ENSG00000100000	LTA4H	protein_co chr12	96000828	96043520	-	32.96	35.19
ENSG00000100000	ELK3	protein_co chr12	96194382	96269835	+	11.63	14.94
ENSG00000100000	SLC6A12	protein_co chr12	190077	214570	-	0.09	0.14
ENSG00000100000	WNT5B	protein_co chr12	1529891	1647243	+	0.41	0.68
ENSG00000100000	MAGOHB	protein_co chr12	10604190	10613623	-	7.91	8.07
ENSG00000100000	TRPV4	protein_co chr12	1.1E+08	1.1E+08	-	2.39	2.5
ENSG00000100000	ITFG2	protein_co chr12	2812622	2859791	+	10.42	10.97
ENSG00000100000	FOXM1	protein_co chr12	2857681	2877155	-	1.39	1.65
ENSG00000100000	PRR4	protein_co chr12	10845849	11171613	-	3.06	3.81
ENSG00000100000	PRMT8	protein_co chr12	3381349	3593973	+	0.01	0.04
ENSG00000100000	PARP11	protein_co chr12	3791047	3873448	-	3.15	3.3
ENSG00000100000	ARPC3	protein_co chr12	1.1E+08	1.1E+08	-	112.46	107.47
ENSG00000100000	GPN3	protein_co chr12	1.1E+08	1.1E+08	-	8.81	7.72
ENSG00000100000	VPS29	protein_co chr12	1.1E+08	1.11E+08	-	47.03	39.8
ENSG00000100000	FGF6	protein_co chr12	4428155	4445614	-	0	0
ENSG00000100000	MYL2	protein_co chr12	1.11E+08	1.11E+08	-	0	0
ENSG00000100000	RAD51AP1	protein_co chr12	4538798	4560048	+	0.58	0.25
ENSG00000100000	CUX2	protein_co chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	SH2B3	protein_co chr12	1.11E+08	1.11E+08	+	7.35	7.52

ENSG0000(AKAP3	protein_co chr12	4615508	4649047 -	0.38	0.26
ENSG0000(MANSC1	protein_co chr12	12326056	12350541 -	10.55	9.89
ENSG0000(KCNA1	protein_co chr12	4909893	4918256 +	0.04	0
ENSG0000(DUSP16	protein_co chr12	12474210	12562383 -	2.78	2.9
ENSG0000(CREBL2	protein_co chr12	12611827	12645108 +	14.69	15.19
ENSG0000(ACAD10	protein_co chr12	1.12E+08	1.12E+08 +	7.97	7.44
ENSG0000(ALDH2	protein_co chr12	1.12E+08	1.12E+08 +	37.79	37.64
ENSG0000(CDKN1B	protein_co chr12	12715058	12722371 +	14.73	14.41
ENSG0000(GPRC5D	protein_co chr12	12940775	12952147 -	0	0
ENSG0000(NAA25	protein_co chr12	1.12E+08	1.12E+08 -	4.29	3.6
ENSG0000(GSG1	protein_co chr12	13083560	13103683 -	0.59	0.82
ENSG0000(SCNN1A	protein_co chr12	6346843	6377730 -	0.87	0.25
ENSG0000(LTBR	protein_co chr12	6375045	6391571 +	80.32	83.57
ENSG0000(OGFOD2	protein_co chr12	1.23E+08	1.23E+08 +	8.67	10.43
ENSG0000(CDK2AP1	protein_co chr12	1.23E+08	1.23E+08 -	108.77	109.88
ENSG0000(OAS3	protein_co chr12	1.13E+08	1.13E+08 +	3.59	2.82
ENSG0000(OAS2	protein_co chr12	1.13E+08	1.13E+08 +	5.79	6.49
ENSG0000(ART4	protein_co chr12	14825569	14843495 -	0.35	0.46
ENSG0000(MGP	protein_co chr12	14881181	14885926 -	656.23	822.97
ENSG0000(RASAL1	protein_co chr12	1.13E+08	1.13E+08 -	0.03	0
ENSG0000(ARHGDI1	protein_co chr12	14942017	14961728 -	21.65	18.97
ENSG0000(GTF2H3	protein_co chr12	1.24E+08	1.24E+08 +	10.03	8.83
ENSG0000(EIF2B1	protein_co chr12	1.24E+08	1.24E+08 -	16.22	15.27
ENSG0000(DDX55	protein_co chr12	1.24E+08	1.24E+08 +	6.63	6.14
ENSG0000(SLC38A1	protein_co chr12	46183063	46270017 -	23.66	21.86
ENSG0000(RERGL	protein_co chr12	18080869	18320107 -	0	0
ENSG0000(ENDOU	protein_co chr12	47709734	47725567 -	0	0.03
ENSG0000(C12orf49	protein_co chr12	1.17E+08	1.17E+08 -	9.78	9.06
ENSG0000(VDR	protein_co chr12	47841537	47943048 -	8.1	8.08
ENSG0000(FZD10	protein_co chr12	1.3E+08	1.3E+08 +	0	0.02
ENSG0000(RFC5	protein_co chr12	1.18E+08	1.18E+08 +	3.06	4.19
ENSG0000(STX2	protein_co chr12	1.31E+08	1.31E+08 -	14.8	13.35
ENSG0000(ADGRD1	protein_co chr12	1.31E+08	1.31E+08 +	2.97	3.5
ENSG0000(COPZ1	protein_co chr12	54301202	54351849 +	62.77	63.62
ENSG0000(TBC1D30	protein_co chr12	64781193	64881032 +	1.17	0.67
ENSG0000(CAND1	protein_co chr12	67269281	67319951 +	50.49	48.23
ENSG0000(IL26	protein_co chr12	68201351	68225821 -	0	0
ENSG0000(IFNG	protein_co chr12	68154768	68159747 -	0	0
ENSG0000(RAB5B	protein_co chr12	55973913	55996683 +	57.76	58.27
ENSG0000(MDM1	protein_co chr12	68272443	68332381 -	5.49	5.99
ENSG0000(NUP107	protein_co chr12	68686734	68745809 +	9.74	9.21
ENSG0000(CNOT2	protein_co chr12	70242994	70354993 +	29.95	30.26
ENSG0000(TIMELESS	protein_co chr12	56416373	56449403 -	2.14	3.14
ENSG0000(CPSF6	protein_co chr12	69239537	69274358 +	20.03	24.51
ENSG0000(KRR1	protein_co chr12	75490861	75511636 -	16.62	15.95

ENSG0000(MRPL51	protein_co chr12	6491886	6493841 -	70.62	69.62
ENSG0000(GAPDH	protein_co chr12	6533927	6538374 +	4454.46	4023.25
ENSG0000(NOP2	protein_co chr12	6556863	6568691 -	7.18	9.43
ENSG0000(CHD4	protein_co chr12	6570083	6607476 -	55.92	63.29
ENSG0000(ACRBP	protein_co chr12	6638075	6647460 -	0.15	0.17
ENSG0000(UHRF1BP1	protein_co chr12	1E+08	1E+08 -	9.66	7.06
ENSG0000(COPS7A	protein_co chr12	6723741	6731875 +	54.63	53.86
ENSG0000(ING4	protein_co chr12	6650280	6663148 -	25.82	25.55
ENSG0000(GNB3	protein_co chr12	6839954	6847393 +	1.2	1.45
ENSG0000(CDCA3	protein_co chr12	6844793	6852066 -	0.89	0.85
ENSG0000(CHPT1	protein_co chr12	1.02E+08	1.02E+08 +	12.03	12.45
ENSG0000(USP5	protein_co chr12	6852128	6866632 +	22.19	23.35
ENSG0000(TPI1	protein_co chr12	6867119	6870948 +	922.45	787.01
ENSG0000(GNPTAB	protein_co chr12	1.02E+08	1.02E+08 -	67.58	58.67
ENSG0000(SPSB2	protein_co chr12	6870935	6889358 -	5.85	4.33
ENSG0000(ENO2	protein_co chr12	6913745	6923698 +	77.33	58.38
ENSG0000(ATN1	protein_co chr12	6924463	6942321 +	43.95	46.41
ENSG0000(C12orf57	protein_co chr12	6942978	6946003 +	109.11	93.51
ENSG0000(PTPN6	protein_co chr12	6946468	6961316 +	0	0.03
ENSG0000(LPCAT3	protein_co chr12	6976186	7018510 -	14.26	15.61
ENSG0000(NT5DC3	protein_co chr12	1.04E+08	1.04E+08 -	0.57	0.49
ENSG0000(SLCO1B3	protein_co chr12	20810702	20916911 +	0	0
ENSG0000(APOBEC1	protein_co chr12	7649400	7665903 -	0	0
ENSG0000(NANOG	protein_co chr12	7787794	7799141 +	0.13	0.02
ENSG0000(SUDS3	protein_co chr12	1.18E+08	1.18E+08 +	7.52	9.11
ENSG0000(GOLT1B	protein_co chr12	21501781	21518408 +	25.73	19.29
ENSG0000(GYS2	protein_co chr12	21536189	21604847 -	0	0.04
ENSG0000(LDHB	protein_co chr12	21635342	21757857 -	162.2	176.63
ENSG0000(PRKAB1	protein_co chr12	1.2E+08	1.2E+08 +	9.23	11.7
ENSG0000(CMAS	protein_co chr12	22046174	22065674 +	12.99	12.47
ENSG0000(HCFC2	protein_co chr12	1.04E+08	1.04E+08 +	9.27	8.55
ENSG0000(ST8SIA1	protein_co chr12	22063773	22437041 -	0.29	0.01
ENSG0000(CLEC4A	protein_co chr12	8082269	8138607 +	0.4	0.57
ENSG0000(C2CD5	protein_co chr12	22448583	22544546 -	10.49	12.69
ENSG0000(AICDA	protein_co chr12	8602166	8612871 -	0.81	0.18
ENSG0000(RAB35	protein_co chr12	1.2E+08	1.2E+08 -	15.56	17.33
ENSG0000(PHC1	protein_co chr12	8913896	8941467 +	13.36	15.55
ENSG0000(COX6A1	protein_co chr12	1.2E+08	1.2E+08 +	283.45	299.06
ENSG0000(ALO21546.1	protein_co chr12	1.2E+08	1.2E+08 +	0.51	0.82
ENSG0000(RFX4	protein_co chr12	1.07E+08	1.07E+08 +	0	0
ENSG0000(RIC8B	protein_co chr12	1.07E+08	1.07E+08 +	4	5.07
ENSG0000(SRSF9	protein_co chr12	1.2E+08	1.2E+08 -	58.98	58.43
ENSG0000(RP11-22B2	unprocessε chr12	9277235	9313241 +	0.46	0.38
ENSG0000(FGFR1OP2	protein_co chr12	26938383	26966650 +	15.07	17.01
ENSG0000(KLRB1	protein_co chr12	9594551	9607886 -	0	0

ENSG0000(COL12A1	protein_co chr6	75084326	75206051	-	104.59	96.11
ENSG0000(BTN3A3	protein_co chr6	26440472	26453415	+	13.49	13.01
ENSG0000(TDP2	protein_co chr6	24649977	24667033	-	12.37	14.57
ENSG0000(FRK	protein_co chr6	1.16E+08	1.16E+08	-	0.72	0.62
ENSG0000(DSE	protein_co chr6	1.16E+08	1.16E+08	+	29.02	33.81
ENSG0000(RWDD1	protein_co chr6	1.17E+08	1.17E+08	+	23.44	24.04
ENSG0000(RSPH4A	protein_co chr6	1.17E+08	1.17E+08	+	0.04	0.09
ENSG0000(MAK	protein_co chr6	10762723	10838555	-	0.01	0.02
ENSG0000(TMEM14C	protein_co chr6	10722915	10731129	+	83.07	87.67
ENSG0000(PAK1IP1	protein_co chr6	10694695	10709782	+	6.63	7.08
ENSG0000(GCNT2	protein_co chr6	10492223	10629368	+	0.07	0.02
ENSG0000(SMIM8	protein_co chr6	87322583	87399749	+	2.22	2.18
ENSG0000(NEDD9	protein_co chr6	11183298	11382348	-	1.36	1
ENSG0000(CEP85L	protein_co chr6	1.18E+08	1.19E+08	-	2.11	1.65
ENSG0000(ADTRP	protein_co chr6	11712054	11807046	-	2.65	2.12
ENSG0000(ASF1A	protein_co chr6	1.19E+08	1.19E+08	+	6.96	4.3
ENSG0000(MCM9	protein_co chr6	1.19E+08	1.19E+08	-	2.63	3.36
ENSG0000(FAM184A	protein_co chr6	1.19E+08	1.19E+08	-	0.12	0.17
ENSG0000(RNGTT	protein_co chr6	88610272	88963721	-	2.19	1.71
ENSG0000(MAN1A1	protein_co chr6	1.19E+08	1.19E+08	-	27.43	25.42
ENSG0000(GABRR2	protein_co chr6	89257208	89315299	-	0.17	0.07
ENSG0000(SERINC1	protein_co chr6	1.22E+08	1.22E+08	-	85.94	83.86
ENSG0000(HDDC2	protein_co chr6	1.25E+08	1.25E+08	-	31.02	30.05
ENSG0000(TPD52L1	protein_co chr6	1.25E+08	1.25E+08	+	6.55	7.33
ENSG0000(HINT3	protein_co chr6	1.26E+08	1.26E+08	+	5.87	5.54
ENSG0000(NCOA7	protein_co chr6	1.26E+08	1.26E+08	+	28.97	30.26
ENSG0000(FAM65B	protein_co chr6	24804282	25042018	-	0.08	0.02
ENSG0000(SASH1	protein_co chr6	1.48E+08	1.49E+08	+	12.41	13.88
ENSG0000(UST	protein_co chr6	1.49E+08	1.49E+08	+	7.47	10.53
ENSG0000(ULBP1	protein_co chr6	1.5E+08	1.5E+08	+	1	1.02
ENSG0000(FBXO5	protein_co chr6	1.53E+08	1.53E+08	-	2.48	2.3
ENSG0000(MTRF1L	protein_co chr6	1.53E+08	1.53E+08	-	6.54	6.83
ENSG0000(PPARD	protein_co chr6	35342558	35428191	+	13.4	14.78
ENSG0000(OPRM1	protein_co chr6	1.54E+08	1.54E+08	+	0	0
ENSG0000(FANCE	protein_co chr6	35452361	35467103	+	2.91	2.71
ENSG0000(TULP1	protein_co chr6	35497874	35512938	-	0	0
ENSG0000(SLC26A8	protein_co chr6	35943514	36024868	-	0.05	0.1
ENSG0000(MAPK14	protein_co chr6	36027677	36111236	+	16.13	15.9
ENSG0000(RHAG	protein_co chr6	49605158	49636839	-	0	0
ENSG0000(KCTD20	protein_co chr6	36442767	36491143	+	16	16.49
ENSG0000(STK38	protein_co chr6	36493892	36547470	-	22.85	23.41
ENSG0000(SRSF3	protein_co chr6	36594353	36605600	+	68.18	61.56
ENSG0000(SOD2	protein_co chr6	1.6E+08	1.6E+08	-	922.74	741.18
ENSG0000(MRPL18	protein_co chr6	1.6E+08	1.6E+08	+	30.31	30.95
ENSG0000(IL17A	protein_co chr6	52186387	52190638	+	0	0

ENSG0000(IL17F	protein_co chr6	52236681	52244537 -	0	0
ENSG0000(MCM3	protein_co chr6	52264009	52284881 -	6.63	9.02
ENSG0000(RNF8	protein_co chr6	37353972	37394738 +	10.62	11.05
ENSG0000(PHACTR1	protein_co chr6	12716805	13290484 +	0.82	0.11
ENSG0000(MDGA1	protein_co chr6	37630679	37699306 -	5.65	8.34
ENSG0000(ICK	protein_co chr6	53001279	53061802 -	3.15	3.12
ENSG0000(FBXO9	protein_co chr6	53051991	53100873 +	40.37	44.95
ENSG0000(CD83	protein_co chr6	14117256	14136918 +	0.29	0.24
ENSG0000(MDN1	protein_co chr6	89642499	89819723 -	3.36	3.98
ENSG0000(GLP1R	protein_co chr6	39048798	39087743 +	0.03	0
ENSG0000(SAYSD1	protein_co chr6	39104064	39115189 -	7.13	6.01
ENSG0000(BMP5	protein_co chr6	55753645	55875564 -	0	0
ENSG0000(BACH2	protein_co chr6	89926529	90296908 -	0.43	0.04
ENSG0000(RBM24	protein_co chr6	17281346	17293875 +	1.18	1.03
ENSG0000(CAP2	protein_co chr6	17393216	17557792 +	12.07	11.68
ENSG0000(TREML2	protein_co chr6	41190277	41201194 -	0	0
ENSG0000(ZNF451	protein_co chr6	57086844	57170307 +	8.96	9.54
ENSG0000(BAG2	protein_co chr6	57172326	57189833 +	2.09	3.03
ENSG0000(RAB23	protein_co chr6	57186992	57222314 -	6.08	8.07
ENSG0000(TSPO2	protein_co chr6	41042554	41044337 +	0	0
ENSG0000(FHL5	protein_co chr6	96562548	96616636 +	0	0
ENSG0000(GPR63	protein_co chr6	96794126	96837463 -	0	0.03
ENSG0000(KHDRBS2	protein_co chr6	61679960	62286227 -	0	0
ENSG0000(FBXL4	protein_co chr6	98868538	98948006 -	5.55	4.85
ENSG0000(CCNC	protein_co chr6	99542380	99568973 -	18.82	17.57
ENSG0000(PRDM13	protein_co chr6	99606730	99615578 +	0	0
ENSG0000(E2F3	protein_co chr6	20401906	20493715 +	3.63	4.97
ENSG0000(PTP4A1	protein_co chr6	63521748	63583587 +	72.56	97.27
ENSG0000(SIM1	protein_co chr6	1E+08	1E+08 -	0	0
ENSG0000(ASCC3	protein_co chr6	1.01E+08	1.01E+08 -	11.06	11.16
ENSG0000(HDGFL1	protein_co chr6	22569493	22571666 +	0	0
ENSG0000(BVES	protein_co chr6	1.05E+08	1.05E+08 -	1.6	1.47
ENSG0000(COL9A1	protein_co chr6	70215061	70303083 -	0	0
ENSG0000(MED23	protein_co chr6	1.32E+08	1.32E+08 -	8.45	7.81
ENSG0000(WASF1	protein_co chr6	1.1E+08	1.1E+08 -	10.36	8.95
ENSG0000(GPLD1	protein_co chr6	24424565	24495205 -	0.11	0.06
ENSG0000(ALDH5A1	protein_co chr6	24494852	24537207 +	0.22	0.5
ENSG0000(AIM1	protein_co chr6	1.06E+08	1.07E+08 +	0.39	0.39
ENSG0000(VNN1	protein_co chr6	1.33E+08	1.33E+08 -	0.02	0.13
ENSG0000(VNN2	protein_co chr6	1.33E+08	1.33E+08 -	0.12	0
ENSG0000(ACOT13	protein_co chr6	24667035	24705065 +	10.8	13.4
ENSG0000(SMAP1	protein_co chr6	70667776	70862015 +	12.13	12.38
ENSG0000(RPS12	protein_co chr6	1.33E+08	1.33E+08 +	1144.08	1150.94
ENSG0000(C6orf62	protein_co chr6	24704861	24720836 -	47.53	42.84
ENSG0000(B3GAT2	protein_co chr6	70856679	70957038 -	0	0

ENSG0000(GMNN)	protein_co chr6	24774931	24786099	+	4.18	4.51
ENSG0000(EYA4)	protein_co chr6	1.33E+08	1.34E+08	+	0	0
ENSG0000(SOBP)	protein_co chr6	1.07E+08	1.08E+08	+	1.52	1.81
ENSG0000(NR2E1)	protein_co chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(SNX3)	protein_co chr6	1.08E+08	1.08E+08	-	114.13	110.83
ENSG0000(SLC17A2)	protein_co chr6	25912754	25930726	-	0	0
ENSG0000(HBS1L)	protein_co chr6	1.35E+08	1.35E+08	-	29.79	25.54
ENSG0000(TRIM38)	protein_co chr6	25962802	25991226	+	5.9	6.18
ENSG0000(PEX7)	protein_co chr6	1.37E+08	1.37E+08	+	3.09	2.81
ENSG0000(ZBTB24)	protein_co chr6	1.09E+08	1.09E+08	-	2.05	2.05
ENSG0000(FIG4)	protein_co chr6	1.1E+08	1.1E+08	+	9.72	9.14
ENSG0000(PERP)	protein_co chr6	1.38E+08	1.38E+08	-	14.49	13.75
ENSG0000(ARFGF3)	protein_co chr6	1.38E+08	1.38E+08	+	0.18	0.08
ENSG0000(SLC16A10)	protein_co chr6	1.11E+08	1.11E+08	+	0	0.01
ENSG0000(HECA)	protein_co chr6	1.39E+08	1.39E+08	+	4.3	5.07
ENSG0000(ADGRG6)	protein_co chr6	1.42E+08	1.42E+08	+	3.28	3.76
ENSG0000(PHACTR2)	protein_co chr6	1.44E+08	1.44E+08	+	16.45	13.91
ENSG0000(EPM2A)	protein_co chr6	1.45E+08	1.46E+08	-	3.16	2.24
ENSG0000(OR12D3)	protein_co chr6	29373423	29375291	-	0	0
ENSG0000(SLC39A7)	protein_co chr6	33200445	33204439	+	85.83	81.56
ENSG0000(CCR6)	protein_co chr6	1.67E+08	1.67E+08	+	0	0
ENSG0000(UNC93A)	protein_co chr6	1.67E+08	1.67E+08	+	0	0
ENSG0000(SLC22A2)	protein_co chr6	1.6E+08	1.6E+08	-	0.09	0
ENSG0000(PHF1)	protein_co chr6	33410399	33416453	+	26.77	28.56
ENSG0000(CUTA)	protein_co chr6	33416442	33418317	-	123.11	122.96
ENSG0000(PACRG)	protein_co chr6	1.63E+08	1.63E+08	+	0.36	0.56
ENSG0000(QKI)	protein_co chr6	1.63E+08	1.64E+08	+	53.18	65.6
ENSG0000(C6orf118)	protein_co chr6	1.65E+08	1.65E+08	-	0.08	0.03
ENSG0000(PDE10A)	protein_co chr6	1.65E+08	1.66E+08	-	3.99	4.42
ENSG0000(MDFI)	protein_co chr6	41636882	41654246	+	0.76	0.59
ENSG0000(TFEB)	protein_co chr6	41683978	41736259	-	2.03	2.34
ENSG0000(SMOC2)	protein_co chr6	1.68E+08	1.69E+08	+	0	0
ENSG0000(CCND3)	protein_co chr6	41934933	42050357	-	12.76	13.43
ENSG0000(BYSL)	protein_co chr6	41921188	41933046	+	6.69	6.34
ENSG0000(FAM120B)	protein_co chr6	1.7E+08	1.7E+08	+	11.29	10.59
ENSG0000(TBP)	protein_co chr6	1.71E+08	1.71E+08	+	6.99	6.89
ENSG0000(GUCA1B)	protein_co chr6	42184401	42194916	-	0.16	0.3
ENSG0000(PRPH2)	protein_co chr6	42696600	42722574	-	0.04	0.12
ENSG0000(GLTSCR1L)	protein_co chr6	42746958	42868560	+	4.48	4.16
ENSG0000(PPP2R5D)	protein_co chr6	42984499	43012342	+	23.07	22.73
ENSG0000(MRPL2)	protein_co chr6	43054029	43059806	-	17.91	17.92
ENSG0000(PTK7)	protein_co chr6	43076268	43161719	+	72.96	79.22
ENSG0000(SRF)	protein_co chr6	43171299	43181507	+	14.55	14.11
ENSG0000(CUL9)	protein_co chr6	43182175	43224587	+	9.91	9.07
ENSG0000(DNPH1)	protein_co chr6	43225629	43229484	-	32.62	34.05

ENSG0000(DUSP22	protein_co chr6	291630	351355 +	11.76	15.15
ENSG0000(EXOC2	protein_co chr6	485133	693111 -	7.87	8.7
ENSG0000(COX7A2	protein_co chr6	75237675	75250323 -	105.77	86.26
ENSG0000(TMEM30A	protein_co chr6	75252924	75284968 -	57.43	53.88
ENSG0000(GMDS	protein_co chr6	1623806	2245692 -	6.59	6.56
ENSG0000(SENPA6	protein_co chr6	75601509	75718278 +	19.08	20.28
ENSG0000(IMPG1	protein_co chr6	75921115	76072678 -	0.02	0
ENSG0000(VEGFA	protein_co chr6	43770184	43786487 +	197.93	174.35
ENSG0000(PRPF4B	protein_co chr6	4021267	4064983 +	14.96	14.01
ENSG0000(TTK	protein_co chr6	80003887	80042527 +	0.12	0.18
ENSG0000(SLC29A1	protein_co chr6	44219505	44234151 +	9.21	8.79
ENSG0000(WISP3	protein_co chr6	1.12E+08	1.12E+08 +	0	0
ENSG0000(BTN2A1	protein_co chr6	26457904	26476621 +	12.8	12.11
ENSG0000(LAMA4	protein_co chr6	1.12E+08	1.12E+08 -	297.79	314.3
ENSG0000(FAM46A	protein_co chr6	81491439	81752774 -	16.63	16.47
ENSG0000(CLIC5	protein_co chr6	45898451	46080395 -	0	0
ENSG0000(FBRSL1	protein_co chr12	1.32E+08	1.33E+08 +	10.17	12.89
ENSG0000(ENPP5	protein_co chr6	46159187	46170971 -	0	0
ENSG0000(LY86	protein_co chr6	6588108	6654983 +	0	0
ENSG0000(PRSS16	protein_co chr6	27247701	27256624 +	0.03	0.14
ENSG0000(MEP1A	protein_co chr6	46793390	46839782 +	0	0
ENSG0000(TBX18	protein_co chr6	84687351	84764519 -	34.27	40.15
ENSG0000(ERBIN	protein_co chr5	65926475	66082549 +	14.26	14.15
ENSG0000(PCDHB2	protein_co chr5	1.41E+08	1.41E+08 +	1.01	1.52
ENSG0000(HARS2	protein_co chr5	1.41E+08	1.41E+08 +	11.7	11.4
ENSG0000(NUDT12	protein_co chr5	1.04E+08	1.04E+08 -	4.45	4.61
ENSG0000(CEP72	protein_co chr5	612272	667168 +	0.66	0.82
ENSG0000(MAN2A1	protein_co chr5	1.1E+08	1.1E+08 +	19.07	19.16
ENSG0000(SEMA5A	protein_co chr5	9035026	9546075 -	1.45	1.76
ENSG0000(C7	protein_co chr5	40909252	40982939 +	1.4	2.07
ENSG0000(PAPD7	protein_co chr5	6713007	6757048 +	6.42	8.54
ENSG0000(GHR	protein_co chr5	42423777	42721878 +	0.28	0.37
ENSG0000(HMGCS1	protein_co chr5	43289395	43313512 -	17.77	22.6
ENSG0000(DAP	protein_co chr5	10679230	10761272 -	43.01	45.15
ENSG0000(NME5	protein_co chr5	1.38E+08	1.38E+08 -	0.25	0.76
ENSG0000(BRD8	protein_co chr5	1.38E+08	1.38E+08 -	20.21	27.42
ENSG0000(KIF20A	protein_co chr5	1.38E+08	1.38E+08 +	0.02	0.06
ENSG0000(NNT	protein_co chr5	43602692	43707405 +	22.64	22.53
ENSG0000(MRPS30	protein_co chr5	44808925	44820428 +	9.21	8.52
ENSG0000(HSPA9	protein_co chr5	1.39E+08	1.39E+08 -	72.09	74.72
ENSG0000(MRPS27	protein_co chr5	72219409	72320646 -	20.18	21.68
ENSG0000(PFDN1	protein_co chr5	1.4E+08	1.4E+08 -	32.53	31.87
ENSG0000(HBEGF	protein_co chr5	1.4E+08	1.4E+08 -	0.62	0.99
ENSG0000(SLC4A9	protein_co chr5	1.4E+08	1.4E+08 +	0	0
ENSG0000(LOX	protein_co chr5	1.22E+08	1.22E+08 -	131.29	104.38

ENSG0000(GZMK	protein_co chr5	55024253	55034570	+	0	0
ENSG0000(CDH9	protein_co chr5	26880600	27121150	-	0	0
ENSG0000(APBB3	protein_co chr5	1.41E+08	1.41E+08	-	8.91	13.35
ENSG0000(TMCO6	protein_co chr5	1.41E+08	1.41E+08	+	3.11	2.37
ENSG0000(SPARC	protein_co chr5	1.52E+08	1.52E+08	-	3936.24	4164.81
ENSG0000(IK	protein_co chr5	1.41E+08	1.41E+08	+	36.33	37.89
ENSG0000(HMGCR	protein_co chr5	75336329	75362104	+	12.69	15.95
ENSG0000(COL4A3BP	protein_co chr5	75368486	75512138	-	20.72	24.58
ENSG0000(FAF2	protein_co chr5	1.76E+08	1.77E+08	+	15.89	14.61
ENSG0000(HAND1	protein_co chr5	1.54E+08	1.54E+08	-	0	0
ENSG0000(PCDHB3	protein_co chr5	1.41E+08	1.41E+08	+	0.12	0.19
ENSG0000(PCDHB5	protein_co chr5	1.41E+08	1.41E+08	+	0.41	0.6
ENSG0000(PCDHB6	protein_co chr5	1.41E+08	1.41E+08	+	0.8	0.6
ENSG0000(PCDHB7	protein_co chr5	1.41E+08	1.41E+08	+	1.01	1.07
ENSG0000(PDE8B	protein_co chr5	77210449	77429807	+	0.13	0
ENSG0000(CLK4	protein_co chr5	1.79E+08	1.79E+08	-	9.14	8.74
ENSG0000(PCDHB15	protein_co chr5	1.41E+08	1.41E+08	+	0.47	0.41
ENSG0000(HAVCR1	protein_co chr5	1.57E+08	1.57E+08	-	0	0
ENSG0000(GRM6	protein_co chr5	1.79E+08	1.79E+08	-	0.03	0.03
ENSG0000(ITK	protein_co chr5	1.57E+08	1.57E+08	+	0.01	0.05
ENSG0000(RNF130	protein_co chr5	1.8E+08	1.8E+08	-	28.88	29.31
ENSG0000(THG1L	protein_co chr5	1.58E+08	1.58E+08	+	7.11	7.63
ENSG0000(ARSB	protein_co chr5	78777209	78986087	-	20.43	19.5
ENSG0000(CLINT1	protein_co chr5	1.58E+08	1.58E+08	-	31.73	31.83
ENSG0000(THBS4	protein_co chr5	79991311	80083287	+	0.25	0.22
ENSG0000(CNOT6	protein_co chr5	1.8E+08	1.81E+08	+	4.4	5.89
ENSG0000(IL12B	protein_co chr5	1.59E+08	1.59E+08	-	0	0.04
ENSG0000(BTNL8	protein_co chr5	1.81E+08	1.81E+08	+	0.09	0
ENSG0000(TTC1	protein_co chr5	1.6E+08	1.6E+08	+	22.29	21.64
ENSG0000(MSH3	protein_co chr5	80654648	80876460	+	3.82	3.05
ENSG0000(RASGRF2	protein_co chr5	80960672	81230156	+	0.8	0.8
ENSG0000(GABRG2	protein_co chr5	1.62E+08	1.62E+08	+	3.27	3.33
ENSG0000(CCNG1	protein_co chr5	1.63E+08	1.63E+08	+	142.99	136.7
ENSG0000(POLR3G	protein_co chr5	90471748	90514553	+	0.53	0.86
ENSG0000(DROSHA	protein_co chr5	31400497	31532196	-	14.63	10.75
ENSG0000(CDH6	protein_co chr5	31193750	31329146	+	12.79	9.67
ENSG0000(LMNB1	protein_co chr5	1.27E+08	1.27E+08	+	2.19	1.74
ENSG0000(ARRDC3	protein_co chr5	91368724	91383359	-	28.82	25.57
ENSG0000(GOLPH3	protein_co chr5	32124704	32174350	-	26.78	26.29
ENSG0000(SUB1	protein_co chr5	32531633	32604079	+	78.34	81.38
ENSG0000(NPR3	protein_co chr5	32689070	32791724	+	11.24	12.08
ENSG0000(FAM172A	protein_co chr5	93618069	94111699	-	9.98	8.49
ENSG0000(SLC27A6	protein_co chr5	1.29E+08	1.29E+08	+	0.02	0.09
ENSG0000(TARS	protein_co chr5	33440696	33469539	+	52.77	52.07
ENSG0000(IRX4	protein_co chr5	1877413	1887236	-	0	0

ENSG0000(LNPEP	protein_co chr5	96935394	97037515	+	5.73	6.19
ENSG0000(PDE4D	protein_co chr5	58969038	60522120	-	0.7	0.85
ENSG0000(RAD1	protein_co chr5	34905264	34918989	-	10.52	9.99
ENSG0000(BRIX1	protein_co chr5	34915376	34925996	+	10.7	7.74
ENSG0000(AGXT2	protein_co chr5	34998101	35048135	-	0	0
ENSG0000(PRLR	protein_co chr5	35048756	35230589	-	0	0
ENSG0000(SLC12A7	protein_co chr5	1050376	1112035	-	10.42	9.45
ENSG0000(IL4	protein_co chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(RAD50	protein_co chr5	1.33E+08	1.33E+08	+	12.56	12.64
ENSG0000(IL5	protein_co chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(ST8SIA4	protein_co chr5	1.01E+08	1.01E+08	-	0.78	0.58
ENSG0000(GNPDA1	protein_co chr5	1.42E+08	1.42E+08	-	45.39	51.64
ENSG0000(PCDH12	protein_co chr5	1.42E+08	1.42E+08	-	0.06	0.02
ENSG0000(SKP1	protein_co chr5	1.34E+08	1.34E+08	-	311.69	317.12
ENSG0000(NUP155	protein_co chr5	37288137	37371181	-	3.83	3.35
ENSG0000(PPP2CA	protein_co chr5	1.34E+08	1.34E+08	-	53.57	62.26
ENSG0000(FGF1	protein_co chr5	1.43E+08	1.43E+08	-	0.91	1.08
ENSG0000(NR3C1	protein_co chr5	1.43E+08	1.43E+08	-	26.75	28.83
ENSG0000(C5orf15	protein_co chr5	1.34E+08	1.34E+08	-	38.55	41.85
ENSG0000(PPWD1	protein_co chr5	65563236	65587549	+	13.47	12.19
ENSG0000(LIFR	protein_co chr5	38474963	38608354	-	4.68	4.14
ENSG0000(TRIM23	protein_co chr5	65589680	65625975	-	6.24	5.47
ENSG0000(TRAPPC13	protein_co chr5	65624716	65666233	+	6.17	9.2
ENSG0000(C9	protein_co chr5	39284262	39424868	-	0.06	0.02
ENSG0000(SEC24A	protein_co chr5	1.35E+08	1.35E+08	+	7.41	6.99
ENSG0000(TXNDC15	protein_co chr5	1.35E+08	1.35E+08	+	51.92	32.75
ENSG0000(TTC33	protein_co chr5	40512333	40755975	-	4.23	6.02
ENSG0000(RARS	protein_co chr5	1.68E+08	1.69E+08	+	24.06	25.39
ENSG0000(WWC1	protein_co chr5	1.68E+08	1.68E+08	+	0.64	0.96
ENSG0000(H2AFY	protein_co chr5	1.35E+08	1.35E+08	-	45.38	51.95
ENSG0000(TCERG1	protein_co chr5	1.46E+08	1.47E+08	+	10.12	11.65
ENSG0000(DPYSL3	protein_co chr5	1.47E+08	1.48E+08	-	183.13	164.61
ENSG0000(SMAD5	protein_co chr5	1.36E+08	1.36E+08	+	26.32	28.07
ENSG0000(CSNK1A1	protein_co chr5	1.49E+08	1.5E+08	-	101.32	102.49
ENSG0000(HMGXB3	protein_co chr5	1.5E+08	1.5E+08	+	13	13.79
ENSG0000(ERGIC1	protein_co chr5	1.73E+08	1.73E+08	+	61.61	60.44
ENSG0000(PDGFRB	protein_co chr5	1.5E+08	1.5E+08	-	47.02	57.57
ENSG0000(CDX1	protein_co chr5	1.5E+08	1.5E+08	+	0	0.52
ENSG0000(ATP6V0E1	protein_co chr5	1.73E+08	1.73E+08	+	242.19	253.89
ENSG0000(BNIP1	protein_co chr5	1.73E+08	1.73E+08	+	5.6	3.99
ENSG0000(STC2	protein_co chr5	1.73E+08	1.73E+08	-	70.72	67.69
ENSG0000(CPEB4	protein_co chr5	1.74E+08	1.74E+08	+	10.11	9.66
ENSG0000(HRH2	protein_co chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(DBN1	protein_co chr5	1.77E+08	1.77E+08	-	90.08	92.92
ENSG0000(ZNF346	protein_co chr5	1.77E+08	1.77E+08	+	8.31	8.55

ENSG0000(UNC5A	protein_co chr5	1.77E+08	1.77E+08 +	0	0.02
ENSG0000(EHHADH	protein_co chr3	1.85E+08	1.85E+08 -	1.97	1.89
ENSG0000(CNTN3	protein_co chr3	74262568	74521140 -	5.53	3.34
ENSG0000(SMC4	protein_co chr3	1.6E+08	1.6E+08 +	7.46	9.35
ENSG0000(SELENOK	protein_co chr3	53884410	53891988 -	19.41	17
ENSG0000(ACTR8	protein_co chr3	53867066	53882202 -	11.43	10.92
ENSG0000(TBCCD1	protein_co chr3	1.87E+08	1.87E+08 -	3.97	4.29
ENSG0000(TIMMDC1	protein_co chr3	1.19E+08	1.2E+08 +	40.14	40.02
ENSG0000(CRBN	protein_co chr3	3144628	3179727 -	14.43	12.65
ENSG0000(KNG1	protein_co chr3	1.87E+08	1.87E+08 +	0	0
ENSG0000(HRG	protein_co chr3	1.87E+08	1.87E+08 +	0	0.13
ENSG0000(BCL6	protein_co chr3	1.88E+08	1.88E+08 -	43.12	39.95
ENSG0000(HGD	protein_co chr3	1.21E+08	1.21E+08 -	1.98	0.76
ENSG0000(CLDN16	protein_co chr3	1.9E+08	1.9E+08 +	0.03	0
ENSG0000(ARL6	protein_co chr3	97764521	97801242 +	2.78	3.28
ENSG0000(NPHP3	protein_co chr3	1.33E+08	1.33E+08 -	8.59	7.1
ENSG0000(CD86	protein_co chr3	1.22E+08	1.22E+08 +	0	0
ENSG0000(AMOTL2	protein_co chr3	1.34E+08	1.34E+08 -	64.61	63.44
ENSG0000(NIT2	protein_co chr3	1E+08	1E+08 +	32.73	34.02
ENSG0000(FAM162A	protein_co chr3	1.22E+08	1.22E+08 +	104.66	82.63
ENSG0000(OGG1	protein_co chr3	9749944	9788219 +	10.25	9.31
ENSG0000(KPNA1	protein_co chr3	1.22E+08	1.23E+08 -	20.66	20.97
ENSG0000(PCCB	protein_co chr3	1.36E+08	1.36E+08 +	17.39	18.77
ENSG0000(UBE3A	protein_co chr15	25333728	25439056 -	20.57	21.67
ENSG0000(ARMC8	protein_co chr3	1.38E+08	1.38E+08 +	9.06	9
ENSG0000(CEP70	protein_co chr3	1.38E+08	1.39E+08 -	5.41	7.06
ENSG0000(RBP2	protein_co chr3	1.39E+08	1.39E+08 -	0	0
ENSG0000(RBP1	protein_co chr3	1.4E+08	1.4E+08 -	37.2	46.35
ENSG0000(SLC25A36	protein_co chr3	1.41E+08	1.41E+08 +	27.21	26.24
ENSG0000(GRK7	protein_co chr3	1.42E+08	1.42E+08 +	0	0
ENSG0000(RNF7	protein_co chr3	1.42E+08	1.42E+08 +	45.69	43.71
ENSG0000(TFDP2	protein_co chr3	1.42E+08	1.42E+08 -	10.49	15.77
ENSG0000(XRN1	protein_co chr3	1.42E+08	1.42E+08 -	8.07	5.53
ENSG0000(KAT2B	protein_co chr3	20040023	20154404 +	5.02	8.68
ENSG0000(BCHE	protein_co chr3	1.66E+08	1.66E+08 -	0	0
ENSG0000(SERPINI2	protein_co chr3	1.67E+08	1.67E+08 -	0	0
ENSG0000(PDCD10	protein_co chr3	1.68E+08	1.68E+08 -	20.77	18.1
ENSG0000(LRRC31	protein_co chr3	1.7E+08	1.7E+08 -	0	0
ENSG0000(WNT5A	protein_co chr3	55465715	55490539 -	0.76	0.95
ENSG0000(PFKFB4	protein_co chr3	48517684	48562015 -	8.95	6.82
ENSG0000(COL7A1	protein_co chr3	48564073	48595267 -	6.04	8.07
ENSG0000(FGF12	protein_co chr3	1.92E+08	1.93E+08 -	0.18	0
ENSG0000(PRKAR2A	protein_co chr3	48744597	48847846 -	9.59	12.52
ENSG0000(HES1	protein_co chr3	1.94E+08	1.94E+08 +	0.11	0.2
ENSG0000(USP4	protein_co chr3	49277831	49340712 -	18.03	19.4

ENSG0000(ACAP2	protein_co chr3	1.95E+08	1.95E+08 -	18.91	18.68
ENSG0000(ECT2	protein_co chr3	1.73E+08	1.73E+08 +	5.54	6.33
ENSG0000(GNAT1	protein_co chr3	50191612	50196516 +	0	0
ENSG0000(GNAI2	protein_co chr3	50226292	50259355 +	179.14	178.45
ENSG0000(TFG	protein_co chr3	1.01E+08	1.01E+08 +	43.91	45.65
ENSG0000(USP9Y	protein_co chrY	12701231	12860839 +	5.87	5.34
ENSG0000(HYAL1	protein_co chr3	50299889	50312381 -	2.07	2.33
ENSG0000(TUSC2	protein_co chr3	50320027	50328251 -	16.08	13.16
ENSG0000(NPRL2	protein_co chr3	50347330	50351091 -	8.91	8.2
ENSG0000(RPL24	protein_co chr3	1.02E+08	1.02E+08 -	485.41	541.78
ENSG0000(CYB561D2	protein_co chr3	50350695	50358460 +	10.02	8.08
ENSG0000(C3orf14	protein_co chr3	62318973	62336213 +	5.7	6.61
ENSG0000(FXR1	protein_co chr3	1.81E+08	1.81E+08 +	62.42	61.59
ENSG0000(CBLB	protein_co chr3	1.06E+08	1.06E+08 -	17.49	15.8
ENSG0000(BBX	protein_co chr3	1.08E+08	1.08E+08 +	15.94	15.18
ENSG0000(IFT57	protein_co chr3	1.08E+08	1.08E+08 -	26.95	27.91
ENSG0000(GNB4	protein_co chr3	1.79E+08	1.79E+08 -	6.86	7.58
ENSG0000(HHLA2	protein_co chr3	1.08E+08	1.08E+08 +	0	0
ENSG0000(IQCG	protein_co chr3	1.98E+08	1.98E+08 -	5.34	3.27
ENSG0000(GBE1	protein_co chr3	81489699	81762161 -	100.72	89.66
ENSG0000(MORC1	protein_co chr3	1.09E+08	1.09E+08 -	0	0
ENSG0000(UMPS	protein_co chr3	1.25E+08	1.25E+08 +	8.39	9.13
ENSG0000(NCBP2	protein_co chr3	1.97E+08	1.97E+08 -	29.18	30.8
ENSG0000(SNX4	protein_co chr3	1.25E+08	1.26E+08 -	13.87	12.78
ENSG0000(C3orf52	protein_co chr3	1.12E+08	1.12E+08 +	2.03	2.45
ENSG0000(FRMD4B	protein_co chr3	69169990	69542583 -	0.52	0.48
ENSG0000(SLC41A3	protein_co chr3	1.26E+08	1.26E+08 -	21.38	20.44
ENSG0000(ROPN1B	protein_co chr3	1.26E+08	1.26E+08 +	0	0
ENSG0000(PLXNA1	protein_co chr3	1.27E+08	1.27E+08 +	22.21	24.71
ENSG0000(ATP6V1A	protein_co chr3	1.14E+08	1.14E+08 +	35.38	35.39
ENSG0000(ABTB1	protein_co chr3	1.28E+08	1.28E+08 +	17.83	22.15
ENSG0000(PODXL2	protein_co chr3	1.28E+08	1.28E+08 +	2.3	2.28
ENSG0000(UPK1B	protein_co chr3	1.19E+08	1.19E+08 +	0.26	0.12
ENSG0000(CSPG5	protein_co chr3	47562239	47580792 -	0.05	0.03
ENSG0000(KLHL18	protein_co chr3	47282917	47346816 +	5.33	5.35
ENSG0000(SCAP	protein_co chr3	47413694	47477126 -	18.53	20.05
ENSG0000(EFCC1	protein_co chr3	1.29E+08	1.29E+08 +	0	0
ENSG0000(KIAA1257	protein_co chr3	1.29E+08	1.29E+08 -	0.1	0.07
ENSG0000(NEK11	protein_co chr3	1.31E+08	1.31E+08 +	3.78	3.93
ENSG0000(MRPL3	protein_co chr3	1.31E+08	1.32E+08 -	25.25	25.18
ENSG0000(PLSCR4	protein_co chr3	1.46E+08	1.46E+08 -	63.4	63.56
ENSG0000(HEMK1	protein_co chr3	50569152	50596168 +	5.68	5.98
ENSG0000(CISH	protein_co chr3	50606490	50611831 -	2.5	1.99
ENSG0000(MAPKAPK3	protein_co chr3	50611520	50649297 +	13.82	17.65
ENSG0000(ACVR2B	protein_co chr3	38453851	38493142 +	0.38	0.64

ENSG0000(WDR48	protein_co chr3	39051998	39096671	+	12.5	14.18
ENSG0000(COMMD2	protein_co chr3	1.5E+08	1.5E+08	-	10.91	11.73
ENSG0000(GORASP1	protein_co chr3	39096659	39108363	-	23	22.1
ENSG0000(PEX5L	protein_co chr3	1.8E+08	1.8E+08	-	0.71	0.95
ENSG0000(RRP9	protein_co chr3	51933430	51941941	-	8.42	8.51
ENSG0000(ABCC5	protein_co chr3	1.84E+08	1.84E+08	-	14.4	13.56
ENSG0000(AADAC	protein_co chr3	1.52E+08	1.52E+08	+	12.79	7.81
ENSG0000(ABHD14B	protein_co chr3	51968510	51983409	-	27.25	30.07
ENSG0000(EIF1B	protein_co chr3	40309684	40312424	+	25.08	24.08
ENSG0000(ABHD14A-	protein_co chr3	51974706	51989183	+	1.19	1.99
ENSG0000(ARHGEF26	protein_co chr3	1.54E+08	1.54E+08	+	1.14	1.33
ENSG0000(KLHL24	protein_co chr3	1.84E+08	1.84E+08	+	15.29	16.51
ENSG0000(PLCH1	protein_co chr3	1.55E+08	1.56E+08	-	0	0
ENSG0000(VIPR1	protein_co chr3	42489299	42537573	+	1.86	2.03
ENSG0000(DNAH1	protein_co chr3	52316319	52400491	+	1.12	1.75
ENSG0000(SSR3	protein_co chr3	1.57E+08	1.57E+08	-	71.37	70.4
ENSG0000(ZBTB47	protein_co chr3	42653684	42665854	+	13.15	14.32
ENSG0000(TNNC1	protein_co chr3	52451102	52454070	-	1.09	0.61
ENSG0000(NKTR	protein_co chr3	42600614	42648741	+	15.45	15.16
ENSG0000(CLCN2	protein_co chr3	1.84E+08	1.84E+08	-	2.13	3.33
ENSG0000(FOXP1	protein_co chr3	70954693	71583989	-	27.58	20.65
ENSG0000(EIF4G1	protein_co chr3	1.84E+08	1.84E+08	+	82.96	79.36
ENSG0000(SPCS1	protein_co chr3	52704955	52711146	+	72.81	72.46
ENSG0000(NEK4	protein_co chr3	52708449	52770949	-	4.74	4.61
ENSG0000(SLC4A3	protein_co chr2	2.2E+08	2.2E+08	+	6.44	7.78
ENSG0000(INO80D	protein_co chr2	2.06E+08	2.06E+08	-	1.76	1.11
ENSG0000(EEF1B2	protein_co chr2	2.06E+08	2.06E+08	+	251.24	241.22
ENSG0000(ADAM23	protein_co chr2	2.06E+08	2.07E+08	+	7.73	7.03
ENSG0000(DGUOK	protein_co chr2	73926826	73958961	+	34.97	30.63
ENSG0000(MOB1A	protein_co chr2	74152528	74178898	-	29.69	26.54
ENSG0000(KANSL3	protein_co chr2	96593170	96642787	-	18.22	19.53
ENSG0000(LMAN2L	protein_co chr2	96705929	96740064	-	10.65	11.31
ENSG0000(RTKN	protein_co chr2	74425836	74442422	-	7.39	9.87
ENSG0000(TTL	protein_co chr2	1.12E+08	1.13E+08	+	16.94	14.8
ENSG0000(IL1A	protein_co chr2	1.13E+08	1.13E+08	-	1.04	0.83
ENSG0000(CCL20	protein_co chr2	2.28E+08	2.28E+08	+	0.38	0.11
ENSG0000(PIKFYVE	protein_co chr2	2.08E+08	2.08E+08	+	6.74	6.83
ENSG0000(KCNIP3	protein_co chr2	95297304	95386083	+	1.32	0.94
ENSG0000(FAHD2A	protein_co chr2	95402721	95416616	+	12.42	11.76
ENSG0000(NCL	protein_co chr2	2.31E+08	2.31E+08	-	197.26	183.68
ENSG0000(ACTR1B	protein_co chr2	97655963	97664107	-	27.21	26.87
ENSG0000(SLC35F5	protein_co chr2	1.14E+08	1.14E+08	-	19.56	19.32
ENSG0000(ZAP70	protein_co chr2	97713560	97739862	+	0	0.07
ENSG0000(ACTR3	protein_co chr2	1.14E+08	1.14E+08	+	86.16	79.25
ENSG0000(STEAP3	protein_co chr2	1.19E+08	1.19E+08	+	8.99	8.39

ENSG0000(EPB41L5	protein_co chr2	1.2E+08	1.2E+08 +	3.48	3.52
ENSG0000(TFCP2L1	protein_co chr2	1.21E+08	1.21E+08 -	0	0
ENSG0000(SF3B6	protein_co chr2	24067584	24076443 -	50.99	52.31
ENSG0000(TP53I3	protein_co chr2	24077433	24085861 -	32.9	32.16
ENSG0000(DNAJC27	protein_co chr2	24943636	24972094 -	1.29	1.26
ENSG0000(POMC	protein_co chr2	25160853	25168903 -	0.14	0.3
ENSG0000(STAM2	protein_co chr2	1.52E+08	1.52E+08 -	10.54	9.08
ENSG0000(OTOF	protein_co chr2	26457203	26558698 -	0	0
ENSG0000(GPD2	protein_co chr2	1.56E+08	1.57E+08 +	6.13	5.78
ENSG0000(CENPA	protein_co chr2	26764289	26801067 +	0.43	0.1
ENSG0000(CYTIP	protein_co chr2	1.57E+08	1.57E+08 -	0	0
ENSG0000(ACVR1	protein_co chr2	1.58E+08	1.58E+08 -	35.36	36.63
ENSG0000(TANC1	protein_co chr2	1.59E+08	1.59E+08 +	7.02	6.78
ENSG0000(SLC30A3	protein_co chr2	27253684	27275817 -	0.29	0
ENSG0000(MPV17	protein_co chr2	27309492	27325680 -	81.65	80.18
ENSG0000(GTF3C2	protein_co chr2	27325849	27357034 -	14.97	20.64
ENSG0000(EIF2B4	protein_co chr2	27364352	27370486 -	15.27	18.07
ENSG0000(NRBP1	protein_co chr2	27427790	27442259 +	58.14	59.84
ENSG0000(ITGB6	protein_co chr2	1.6E+08	1.6E+08 -	0.31	0.03
ENSG0000(FNDC4	protein_co chr2	27491883	27495245 -	10.89	10.55
ENSG0000(ITGA4	protein_co chr2	1.81E+08	1.82E+08 +	1.99	1.73
ENSG0000(PSMD14	protein_co chr2	1.61E+08	1.61E+08 +	17.37	17.43
ENSG0000(SNX17	protein_co chr2	27370496	27377533 +	53.49	54.09
ENSG0000(ASB3	protein_co chr2	53532672	53787610 -	6.13	5.97
ENSG0000(PPM1G	protein_co chr2	27381194	27409687 -	27.95	29.18
ENSG0000(PDE1A	protein_co chr2	1.82E+08	1.83E+08 -	1.4	2.21
ENSG0000(REEP6	protein_co chr19	1490747	1497927 +	3.8	3.55
ENSG0000(PCSK4	protein_co chr19	1481428	1490752 -	2.16	1.8
ENSG0000(GCG	protein_co chr2	1.62E+08	1.62E+08 -	0	0
ENSG0000(APC2	protein_co chr19	1446302	1473244 +	0.06	0.05
ENSG0000(IFIH1	protein_co chr2	1.62E+08	1.62E+08 -	2.86	2.61
ENSG0000(RPS15	protein_co chr19	1438358	1440494 +	615.94	607.77
ENSG0000(GCA	protein_co chr2	1.62E+08	1.62E+08 +	0.81	0.43
ENSG0000(INO80B	protein_co chr2	74455023	74457960 +	10.91	9.37
ENSG0000(MOGS	protein_co chr2	74461057	74465410 -	21.09	21.52
ENSG0000(TTC31	protein_co chr2	74483073	74494886 +	11.38	12.48
ENSG0000(NDUFS7	protein_co chr19	1383527	1395589 +	39.46	36.78
ENSG0000(PCGF1	protein_co chr2	74505043	74508580 -	6.96	9.77
ENSG0000(GRB14	protein_co chr2	1.64E+08	1.65E+08 -	0.93	1.12
ENSG0000(CLIP4	protein_co chr2	29097705	29189643 +	30.25	29.28
ENSG0000(TLX2	protein_co chr2	74513463	74517147 +	0	0
ENSG0000(SPTBN1	protein_co chr2	54456285	54671445 +	85.5	84.87
ENSG0000(AUP1	protein_co chr2	74526645	74529939 -	45.06	45.9
ENSG0000(RTN4	protein_co chr2	54972187	55112621 -	259.65	264.93
ENSG0000(HTRA2	protein_co chr2	74529377	74533348 +	13.07	13.14

ENSG0000(LOXL3	protein_co chr2	74532414	74555690 -	45.82	33.03
ENSG0000(DOK1	protein_co chr2	74549026	74557554 +	12.65	11.47
ENSG0000(GALNT3	protein_co chr2	1.66E+08	1.66E+08 -	0.51	0.14
ENSG0000(POLE4	protein_co chr2	74958492	74970128 +	56.91	60.46
ENSG0000(TACR1	protein_co chr2	75046463	75199700 -	0.02	0.01
ENSG0000(CCDC88A	protein_co chr2	55287842	55419921 -	5.87	7.13
ENSG0000(ACADL	protein_co chr2	2.1E+08	2.1E+08 -	0	0
ENSG0000(EVA1A	protein_co chr2	75469302	75569722 -	6.74	10.01
ENSG0000(MRPL19	protein_co chr2	75646783	75690851 +	11.19	11.61
ENSG0000(LANCL1	protein_co chr2	2.1E+08	2.1E+08 -	19.94	22.18
ENSG0000(WDR75	protein_co chr2	1.89E+08	1.89E+08 +	10.92	12.15
ENSG0000(EFEMP1	protein_co chr2	55865967	55924139 -	1882.66	1683.53
ENSG0000(REG1A	protein_co chr2	79120362	79123419 +	0	0
ENSG0000(FANCL	protein_co chr2	58159243	58241372 -	5.1	4.7
ENSG0000(FN1	protein_co chr2	2.15E+08	2.15E+08 -	5090.44	5042.16
ENSG0000(STAT1	protein_co chr2	1.91E+08	1.91E+08 -	81.25	80.02
ENSG0000(GLS	protein_co chr2	1.91E+08	1.91E+08 +	116.54	112.03
ENSG0000(PAPOLG	protein_co chr2	60756230	60802085 +	3.7	3.68
ENSG0000(DNAH6	protein_co chr2	84516455	84819589 +	0.13	0.22
ENSG0000(PECR	protein_co chr2	2.16E+08	2.16E+08 -	9.31	11.28
ENSG0000(UNC50	protein_co chr2	98608579	98618515 +	21.47	22.66
ENSG0000(IGFBP2	protein_co chr2	2.17E+08	2.17E+08 +	0.2	0.42
ENSG0000(ELMOD3	protein_co chr2	85354394	85391752 +	8.48	9.07
ENSG0000(IGFBP5	protein_co chr2	2.17E+08	2.17E+08 -	2.27	2.47
ENSG0000(USP34	protein_co chr2	61187463	61470769 -	19.37	19.44
ENSG0000(EFHD1	protein_co chr2	2.33E+08	2.33E+08 +	0.23	0.13
ENSG0000(KCNJ13	protein_co chr2	2.33E+08	2.33E+08 -	0	0
ENSG0000(CCT4	protein_co chr2	61868089	61888804 -	41.25	42.01
ENSG0000(GGCX	protein_co chr2	85544723	85561547 -	27.13	27.62
ENSG0000(NEU2	protein_co chr2	2.33E+08	2.33E+08 +	0	0
ENSG0000(EHBP1	protein_co chr2	62673851	63046487 +	16.99	21.19
ENSG0000(OTX1	protein_co chr2	63050057	63057836 +	0.04	0.04
ENSG0000(TXNDC9	protein_co chr2	99318982	99340702 -	15.88	14.07
ENSG0000(COQ10B	protein_co chr2	1.97E+08	1.97E+08 +	11.46	12.77
ENSG0000(GNLY	protein_co chr2	85685175	85698854 +	0	0
ENSG0000(SF3B1	protein_co chr2	1.97E+08	1.97E+08 -	104.57	100.55
ENSG0000(ST3GAL5	protein_co chr2	85837120	85905199 -	23.55	21.38
ENSG0000(CHST10	protein_co chr2	1E+08	1E+08 -	4.78	4.62
ENSG0000(PDCL3	protein_co chr2	1.01E+08	1.01E+08 +	6.35	5.55
ENSG0000(MOB4	protein_co chr2	1.98E+08	1.98E+08 +	6.48	5.61
ENSG0000(HSPE1	protein_co chr2	1.97E+08	1.98E+08 +	53.05	48.89
ENSG0000(KDM3A	protein_co chr2	86440647	86492716 +	17.9	21.38
ENSG0000(PLCD4	protein_co chr2	2.19E+08	2.19E+08 +	2.7	2.12
ENSG0000(CHMP3	protein_co chr2	86503431	86563479 -	79.63	77.42
ENSG0000(ZNF142	protein_co chr2	2.19E+08	2.19E+08 -	6.44	6.74

ENSG00000111122	IL1R2	protein_co chr2	1.02E+08	1.02E+08	+	0.72	1.93
ENSG00000111123	PRKAG3	protein_co chr2	2.19E+08	2.19E+08	-	0.07	0.38
ENSG00000111124	SMYD1	protein_co chr2	88067780	88113387	+	0	0
ENSG00000111125	IL1R1	protein_co chr2	1.02E+08	1.02E+08	+	176.28	173.09
ENSG00000111126	WNT6	protein_co chr2	2.19E+08	2.19E+08	+	0	0
ENSG00000111127	IL1RL2	protein_co chr2	1.02E+08	1.02E+08	+	0.51	0.42
ENSG00000111128	IL1RL1	protein_co chr2	1.02E+08	1.02E+08	+	0.32	0.14
ENSG00000111129	IL18R1	protein_co chr2	1.02E+08	1.02E+08	+	3.75	2.88
ENSG00000111130	IL18RAP	protein_co chr2	1.02E+08	1.02E+08	+	0	0
ENSG00000111131	SLC9A2	protein_co chr2	1.03E+08	1.03E+08	+	0	0
ENSG00000111132	FHL2	protein_co chr2	1.05E+08	1.05E+08	-	56.38	59.73
ENSG00000111133	MLPH	protein_co chr2	2.37E+08	2.38E+08	+	1.48	1.56
ENSG00000111134	CNPPD1	protein_co chr2	2.19E+08	2.19E+08	-	27.48	31.01
ENSG00000111135	UXS1	protein_co chr2	1.06E+08	1.06E+08	-	14.4	11.64
ENSG00000111136	ABCB6	protein_co chr2	2.19E+08	2.19E+08	-	16.71	15.12
ENSG00000111137	STK16	protein_co chr2	2.19E+08	2.19E+08	+	18.86	19.48
ENSG00000111138	SLC5A7	protein_co chr2	1.08E+08	1.08E+08	+	0	0
ENSG00000111139	HDLBP	protein_co chr2	2.41E+08	2.41E+08	-	264.1	267.78
ENSG00000111140	PPP1R7	protein_co chr2	2.41E+08	2.41E+08	+	41.88	43.09
ENSG00000111141	PASK	protein_co chr2	2.41E+08	2.41E+08	-	5.31	4.65
ENSG00000111142	STK25	protein_co chr2	2.41E+08	2.42E+08	-	58.17	65.36
ENSG00000111143	TPO	protein_co chr2	1374223	1543711	+	0	0
ENSG00000111144	PROC	protein_co chr2	1.27E+08	1.27E+08	+	0.08	0.46
ENSG00000111145	ID2	protein_co chr2	8678845	8684453	+	91.23	86.27
ENSG00000111146	TAF1B	protein_co chr2	9843354	9934416	+	5.82	4.99
ENSG00000111147	HPCAL1	protein_co chr2	10302889	10427617	+	7.8	8.05
ENSG00000111148	ODC1	protein_co chr2	10439968	10448504	-	14.18	16.13
ENSG00000111149	BIRC6	protein_co chr2	32357028	32618899	+	13.4	12.26
ENSG00000111150	NOL10	protein_co chr2	10570766	10689987	-	7.7	7.57
ENSG00000111151	PLEKHB2	protein_co chr2	1.31E+08	1.31E+08	+	19.32	19.66
ENSG00000111152	GORASP2	protein_co chr2	1.71E+08	1.71E+08	+	45.35	42.42
ENSG00000111153	STRN	protein_co chr2	36843640	36966472	-	6.97	7.91
ENSG00000111154	CEBPZ	protein_co chr2	37201612	37231713	-	7.65	8.67
ENSG00000111155	PRKD3	protein_co chr2	37250502	37324808	-	15.39	14.19
ENSG00000111156	DCAF17	protein_co chr2	1.71E+08	1.71E+08	+	4.31	6.23
ENSG00000111157	QPCT	protein_co chr2	37344574	37373322	+	5.08	4.36
ENSG00000111158	RAB3GAP1	protein_co chr2	1.35E+08	1.35E+08	+	24.72	25.73
ENSG00000111159	SLC25A12	protein_co chr2	1.72E+08	1.72E+08	-	12.54	12.54
ENSG00000111160	RMDN2	protein_co chr2	37923187	38067142	+	5.13	5.36
ENSG00000111161	DLX2	protein_co chr2	1.72E+08	1.72E+08	-	0.42	0.64
ENSG00000111162	LCT	protein_co chr2	1.36E+08	1.36E+08	-	0.02	0
ENSG00000111163	DARS	protein_co chr2	1.36E+08	1.36E+08	-	43.14	37.02
ENSG00000111164	SRSF7	protein_co chr2	38743599	38751494	-	29.31	26.29
ENSG00000111165	SDC1	protein_co chr2	20200797	20225433	-	3.67	6.24
ENSG00000111166	PLCL1	protein_co chr2	1.98E+08	1.99E+08	+	14.77	15.9

ENSG0000(SLC1A4	protein_co chr2	64988477	65023865	+	5.56	5.27
ENSG0000(SOS1	protein_co chr2	38981396	39124345	-	10.68	13.91
ENSG0000(KYNU	protein_co chr2	1.43E+08	1.43E+08	+	0.65	0.64
ENSG0000(RP11-153K	lincRNA chr12	23181334	23251499	-	0	0
ENSG0000(WIPF1	protein_co chr2	1.75E+08	1.75E+08	-	17.62	14.37
ENSG0000(ORC2	protein_co chr2	2.01E+08	2.01E+08	-	6.72	4.17
ENSG0000(COX7A2L	protein_co chr2	42333546	42425088	-	66.08	63.92
ENSG0000(PNO1	protein_co chr2	68157844	68176238	+	3.01	4.07
ENSG0000(ORC4	protein_co chr2	1.48E+08	1.48E+08	-	7.3	6.74
ENSG0000(PLEK	protein_co chr2	68365173	68397453	+	0	0
ENSG0000(RND3	protein_co chr2	1.5E+08	1.51E+08	-	63.79	56.91
ENSG0000(ATF2	protein_co chr2	1.75E+08	1.75E+08	-	19.9	18.55
ENSG0000(THADA	protein_co chr2	43230836	43596046	-	5.83	7.96
ENSG0000(AAK1	protein_co chr2	69457997	69674349	-	13.75	11.3
ENSG0000(TRAK2	protein_co chr2	2.01E+08	2.01E+08	-	18.69	19.87
ENSG0000(C2orf42	protein_co chr2	70149880	70248615	-	5.67	5.73
ENSG0000(TIA1	protein_co chr2	70209444	70248660	-	47.63	42.14
ENSG0000(PCYOX1	protein_co chr2	70257386	70281191	+	79.63	70.31
ENSG0000(KISS1R	protein_co chr19	917287	921015	+	0	0
ENSG0000(EPAS1	protein_co chr2	46293667	46386703	+	156.83	150.04
ENSG0000(ARID3A	protein_co chr19	925781	975934	+	6.38	4.8
ENSG0000(SUMO1	protein_co chr2	2.02E+08	2.02E+08	-	49.28	51.9
ENSG0000(CD207	protein_co chr2	70830214	70835822	-	0	0.03
ENSG0000(GRIN3B	protein_co chr19	1000419	1009732	+	0.58	1.26
ENSG0000(VAX2	protein_co chr2	70900590	70933446	+	2.02	1.54
ENSG0000(ATP6V1B1	protein_co chr2	70935882	70965406	+	1.05	1.32
ENSG0000(NFE2L2	protein_co chr2	1.77E+08	1.77E+08	-	92.71	86.43
ENSG0000(MSH6	protein_co chr2	47695530	47810101	+	17.44	16.49
ENSG0000(PLEKHA3	protein_co chr2	1.78E+08	1.79E+08	+	12.6	12.47
ENSG0000(SPR	protein_co chr2	72887360	72892158	+	15.43	17.08
ENSG0000(EPHA4	protein_co chr2	2.21E+08	2.22E+08	-	1.29	2.13
ENSG0000(PARD3B	protein_co chr2	2.05E+08	2.06E+08	+	2	1.87
ENSG0000(FARSB	protein_co chr2	2.23E+08	2.23E+08	-	4.2	5.4
ENSG0000(ALMS1	protein_co chr2	73385758	73610793	+	6.36	2.75
ENSG0000(BCL9	protein_co chr1	1.48E+08	1.48E+08	+	5.86	6.99
ENSG0000(PRRX1	protein_co chr1	1.71E+08	1.71E+08	+	92.88	97.67
ENSG0000(DHCR24	protein_co chr1	54849633	54887218	-	52.59	51.27
ENSG0000(DNAJC16	protein_co chr1	15526813	15592379	+	7.44	5.9
ENSG0000(MARK1	protein_co chr1	2.21E+08	2.21E+08	+	0	0
ENSG0000(TNR	protein_co chr1	1.75E+08	1.76E+08	-	0	0
ENSG0000(MORN1	protein_co chr1	2321253	2391707	-	2.26	3.49
ENSG0000(GPX7	protein_co chr1	52602372	52609051	+	6.51	7.48
ENSG0000(CACYBP	protein_co chr1	1.75E+08	1.75E+08	+	34.26	40.51
ENSG0000(SCP2	protein_co chr1	52927229	53051703	+	116.7	113.32
ENSG0000(TPSG1	protein_co chr16	1221651	1225257	-	0	0

ENSG0000(PAPPA2	protein_co chr1	1.76E+08	1.77E+08	+	0.89	0.85
ENSG0000(RALGPS2	protein_co chr1	1.79E+08	1.79E+08	+	17.68	15.68
ENSG0000(ANGPTL1	protein_co chr1	1.79E+08	1.79E+08	-	5.88	5.35
ENSG0000(CEP104	protein_co chr1	3812081	3857214	-	12.27	7.63
ENSG0000(FAM20B	protein_co chr1	1.79E+08	1.79E+08	+	11.66	10.13
ENSG0000(TCEANC2	protein_co chr1	54053587	54112519	+	1.74	1.97
ENSG0000(TMEM59	protein_co chr1	54026681	54053504	-	310.49	306.22
ENSG0000(LRRC42	protein_co chr1	53946077	53968168	+	20.91	20.43
ENSG0000(WRAP73	protein_co chr1	3630767	3652761	-	6.8	7.41
ENSG0000(NPHS2	protein_co chr1	1.8E+08	1.8E+08	-	0	0
ENSG0000(MRPL37	protein_co chr1	54184041	54225464	+	37.14	33.71
ENSG0000(ICMT	protein_co chr1	6221193	6235972	-	21.3	20.48
ENSG0000(RPL22	protein_co chr1	6181269	6209389	-	277.63	275.3
ENSG0000(CHD5	protein_co chr1	6101793	6180123	-	0.13	0.13
ENSG0000(QSOX1	protein_co chr1	1.8E+08	1.8E+08	+	498.89	500.43
ENSG0000(STXBP3	protein_co chr1	1.09E+08	1.09E+08	+	13.51	13.83
ENSG0000(PHF13	protein_co chr1	6613685	6624033	+	10.08	9.95
ENSG0000(ERF11	protein_co chr1	8004404	8026308	-	32.49	36.04
ENSG0000(PARK7	protein_co chr1	7954291	7985505	+	133.66	137.65
ENSG0000(KIAA1324	protein_co chr1	1.09E+08	1.09E+08	+	0.9	0.54
ENSG0000(OPRD1	protein_co chr1	28812142	28871267	+	0.01	0.01
ENSG0000(AMPD2	protein_co chr1	1.1E+08	1.1E+08	+	28.69	28.03
ENSG0000(SRSF4	protein_co chr1	29147743	29181987	-	25.65	24.91
ENSG0000(MECR	protein_co chr1	29192873	29230942	-	14.47	15.69
ENSG0000(KCNC4	protein_co chr1	1.1E+08	1.1E+08	+	4.43	4.02
ENSG0000(EDEM3	protein_co chr1	1.85E+08	1.85E+08	-	7.93	11.89
ENSG0000(WDR77	protein_co chr1	1.11E+08	1.11E+08	-	9.59	10.48
ENSG0000(ATP5F1	protein_co chr1	1.11E+08	1.11E+08	+	106.58	109.57
ENSG0000(RAP1A	protein_co chr1	1.12E+08	1.12E+08	+	30.06	29.01
ENSG0000(HDAC1	protein_co chr1	32292086	32333635	+	30.53	29.1
ENSG0000(CAPZA1	protein_co chr1	1.13E+08	1.13E+08	+	51.97	38.81
ENSG0000(S100PBP	protein_co chr1	32816767	32858879	+	14.74	14.24
ENSG0000(RNF19B	protein_co chr1	32936445	32964685	-	8.07	8.39
ENSG0000(SCAMP3	protein_co chr1	1.55E+08	1.55E+08	-	48.07	48.2
ENSG0000(TRIM62	protein_co chr1	33145402	33182059	-	3.44	3.13
ENSG0000(ASH1L	protein_co chr1	1.55E+08	1.56E+08	-	9.97	10.48
ENSG0000(DLGAP3	protein_co chr1	34865436	34929585	-	0.06	0.02
ENSG0000(SFPQ	protein_co chr1	35176378	35193148	-	75.06	71.57
ENSG0000(RHOU	protein_co chr1	2.29E+08	2.29E+08	+	1.3	1.5
ENSG0000(GON4L	protein_co chr1	1.56E+08	1.56E+08	-	11.18	10.24
ENSG0000(ARHGEF2	protein_co chr1	1.56E+08	1.56E+08	-	54.21	53.66
ENSG0000(LAMTOR2	protein_co chr1	1.56E+08	1.56E+08	+	37.27	38.05
ENSG0000(MEF2D	protein_co chr1	1.56E+08	1.57E+08	-	14.3	12.91
ENSG0000(DOCK7	protein_co chr1	62454298	62688368	-	24.56	23.42
ENSG0000(SRM	protein_co chr1	11054584	11060024	-	38.44	36.28

ENSG0000(DLEU2L	sense_intr	chr1	63547082	63550636	+	1.47	1.42
ENSG0000(FBXO2	protein_co	chr1	11648367	11655785	-	0.99	1.05
ENSG0000(FBXO6	protein_co	chr1	11664124	11674354	+	2.01	2.42
ENSG0000(C1orf21	protein_co	chr1	1.84E+08	1.85E+08	+	8.72	9.77
ENSG0000(SWT1	protein_co	chr1	1.85E+08	1.85E+08	+	1.77	1.95
ENSG0000(MAD2L2	protein_co	chr1	11674480	11691650	-	15.85	15.11
ENSG0000(DNAJC6	protein_co	chr1	65248219	65415869	+	0.28	0.42
ENSG0000(LEPR	protein_co	chr1	65420652	65641559	+	9.91	8.33
ENSG0000(IVNS1ABP	protein_co	chr1	1.85E+08	1.85E+08	-	9.89	9.21
ENSG0000(KIAA2013	protein_co	chr1	11919591	11926428	-	35.23	37.18
ENSG0000(MFN2	protein_co	chr1	11980181	12013514	+	23.11	24.86
ENSG0000(PRG4	protein_co	chr1	1.86E+08	1.86E+08	+	63.06	65.58
ENSG0000(MIIP	protein_co	chr1	12019466	12032045	+	10.17	11.79
ENSG0000(SMG7	protein_co	chr1	1.83E+08	1.84E+08	+	11.25	13.8
ENSG0000(NCF2	protein_co	chr1	1.84E+08	1.84E+08	-	0.25	0.93
ENSG0000(PDC	protein_co	chr1	1.86E+08	1.86E+08	-	0.05	0
ENSG0000(SLC35D1	protein_co	chr1	66999332	67054099	-	2.41	2.56
ENSG0000(PLA2G4A	protein_co	chr1	1.87E+08	1.87E+08	+	5.12	5.59
ENSG0000(GADD45A	protein_co	chr1	67685061	67688338	+	31.25	37.77
ENSG0000(PRAMEF1	protein_co	chr1	12791397	12796628	+	0	0
ENSG0000(PRAMEF12	protein_co	chr1	12774841	12777906	+	0	0
ENSG0000(WLS	protein_co	chr1	68098473	68233120	-	82.95	85.32
ENSG0000(PRDM2	protein_co	chr1	13700198	13825079	+	6.48	8.19
ENSG0000(RGS2	protein_co	chr1	1.93E+08	1.93E+08	+	4.29	5
ENSG0000(RPE65	protein_co	chr1	68428822	68449959	-	0	0.02
ENSG0000(TROVE2	protein_co	chr1	1.93E+08	1.93E+08	+	9.89	8.47
ENSG0000(AMPD1	protein_co	chr1	1.15E+08	1.15E+08	-	0	0
ENSG0000(UCHL5	protein_co	chr1	1.93E+08	1.93E+08	-	9.35	10.95
ENSG0000(BCAS2	protein_co	chr1	1.15E+08	1.15E+08	-	14.92	12.57
ENSG0000(SRSF11	protein_co	chr1	70205682	70253052	+	92.82	84.1
ENSG0000(CTH	protein_co	chr1	70411218	70439851	+	3.23	3.4
ENSG0000(AGMAT	protein_co	chr1	15572353	15585110	-	0.04	0.02
ENSG0000(OLFML3	protein_co	chr1	1.14E+08	1.14E+08	+	144.28	156.09
ENSG0000(TNNI3K	protein_co	chr1	74235401	74544428	+	0.05	1.19
ENSG0000(CFHR3	protein_co	chr1	1.97E+08	1.97E+08	+	0.14	0.11
ENSG0000(PLEKHM2	protein_co	chr1	15684332	15734769	+	36.54	37.78
ENSG0000(CRYZ	protein_co	chr1	74705482	74733408	-	16.86	17.36
ENSG0000(PHTF1	protein_co	chr1	1.14E+08	1.14E+08	-	12.91	15.66
ENSG0000(ZBTB17	protein_co	chr1	15941869	15976132	-	9.09	13.78
ENSG0000(CD58	protein_co	chr1	1.17E+08	1.17E+08	-	13.53	12.78
ENSG0000(TFAP2E	protein_co	chr1	35573370	35595328	+	0.28	0.31
ENSG0000(CD2	protein_co	chr1	1.17E+08	1.17E+08	+	0	0
ENSG0000(TTF2	protein_co	chr1	1.17E+08	1.17E+08	+	3.03	5
ENSG0000(NR5A2	protein_co	chr1	2E+08	2E+08	+	0	0
ENSG0000(KIF21B	protein_co	chr1	2.01E+08	2.01E+08	-	0	0.02

ENSG0000(TMEM9	protein_co chr1	2.01E+08	2.01E+08 -	35	35.8
ENSG0000(ADPRHL2	protein_co chr1	36088875	36093932 +	17.13	19.18
ENSG0000(MAP7D1	protein_co chr1	36155579	36180849 +	51.83	48.32
ENSG0000(WARS2	protein_co chr1	1.19E+08	1.19E+08 -	6.05	7.16
ENSG0000(HAO2	protein_co chr1	1.19E+08	1.19E+08 +	0	0
ENSG0000(RP11-268J	antisense chr1	36323734	36329221 +	4.05	3.54
ENSG0000(OSCP1	protein_co chr1	36415827	36450451 -	6.38	6.29
ENSG0000(MRPS15	protein_co chr1	36455718	36464437 -	30.78	32.01
ENSG0000(EXOC8	protein_co chr1	2.31E+08	2.31E+08 -	3.09	2.96
ENSG0000(GNPAT	protein_co chr1	2.31E+08	2.31E+08 +	13.32	13.72
ENSG0000(TSNAX	protein_co chr1	2.32E+08	2.32E+08 +	16.32	12.82
ENSG0000(C1orf109	protein_co chr1	37681570	37692249 -	11.47	10.11
ENSG0000(RRAGC	protein_co chr1	38838198	38859823 -	27.96	28.01
ENSG0000(TBCE	protein_co chr1	2.35E+08	2.35E+08 +	7.63	6.57
ENSG0000(NID1	protein_co chr1	2.36E+08	2.36E+08 -	118.78	123.35
ENSG0000(LGALS8	protein_co chr1	2.37E+08	2.37E+08 +	25.74	26.34
ENSG0000(NT5C1A	protein_co chr1	39659121	39672038 -	0	0
ENSG0000(HPCAL4	protein_co chr1	39678648	39691689 -	0	0
ENSG0000(MTR	protein_co chr1	2.37E+08	2.37E+08 +	10.15	9.05
ENSG0000(BMP8B	protein_co chr1	39757182	39788861 -	0	0.02
ENSG0000(MYCL	protein_co chr1	39895426	39902256 -	0.37	0.22
ENSG0000(SIPA1L2	protein_co chr1	2.32E+08	2.33E+08 -	8.4	7.43
ENSG0000(ZP4	protein_co chr1	2.38E+08	2.38E+08 -	0	0
ENSG0000(RLF	protein_co chr1	40161373	40240921 +	4.69	4.28
ENSG0000(KMO	protein_co chr1	2.42E+08	2.42E+08 +	0	0
ENSG0000(ZNF684	protein_co chr1	40531561	40548169 +	1.01	1.44
ENSG0000(KCNQ4	protein_co chr1	40784012	40840452 +	0.03	0.04
ENSG0000(RIMS3	protein_co chr1	40620679	40665657 -	0.67	0.61
ENSG0000(AKT3	protein_co chr1	2.43E+08	2.44E+08 -	16.91	17.46
ENSG0000(ETV3	protein_co chr1	1.57E+08	1.57E+08 -	4.14	4.42
ENSG0000(ACADM	protein_co chr1	75724347	75787575 +	17.05	15.87
ENSG0000(ST6GALNA	protein_co chr1	76867441	77065711 +	0	0
ENSG0000(SLAMF1	protein_co chr1	1.61E+08	1.61E+08 -	0	0
ENSG0000(CD48	protein_co chr1	1.61E+08	1.61E+08 -	0	0
ENSG0000(ADGRL2	protein_co chr1	81306160	81992436 +	14.84	15.45
ENSG0000(PADI2	protein_co chr1	17066761	17119435 -	0.04	0.08
ENSG0000(SDHB	protein_co chr1	17018722	17054170 -	41.58	38.38
ENSG0000(MFAP2	protein_co chr1	16974502	16980835 -	100.14	115.15
ENSG0000(RPF1	protein_co chr1	84479259	84497790 +	12.88	12.31
ENSG0000(KDM5B	protein_co chr1	2.03E+08	2.03E+08 -	23.38	22.02
ENSG0000(UAP1	protein_co chr1	1.63E+08	1.63E+08 +	29.01	25.92
ENSG0000(ACTL8	protein_co chr1	17755313	17827063 +	0	0
ENSG0000(CTBS	protein_co chr1	84549606	84574480 -	12.54	10.39
ENSG0000(RGS4	protein_co chr1	1.63E+08	1.63E+08 +	21.27	24.67
ENSG0000(KLHL12	protein_co chr1	2.03E+08	2.03E+08 -	8.5	9.45

ENSG0000(IGSF21	protein_co chr1	18107746	18378483	+	0	0
ENSG0000(SSX2IP	protein_co chr1	84643707	84690803	-	8.5	8.9
ENSG0000(ZNHIT6	protein_co chr1	85649423	85708433	-	4.81	5.15
ENSG0000(PLA2G2D	protein_co chr1	20111939	20119566	-	0.02	0
ENSG0000(RBBP5	protein_co chr1	2.05E+08	2.05E+08	-	4.43	4.28
ENSG0000(GBP3	protein_co chr1	89006666	89022894	-	9.44	12.52
ENSG0000(GBP1	protein_co chr1	89052319	89065360	-	8.84	11.88
ENSG0000(PINK1-AS	antisense chr1	20642657	20652193	-	4.71	4.88
ENSG0000(KIF17	protein_co chr1	20664014	20718017	-	0.56	0.63
ENSG0000(GPR89A	protein_co chr1	1.46E+08	1.46E+08	+	6	6.58
ENSG0000(CDK18	protein_co chr1	2.06E+08	2.06E+08	+	0.54	1.03
ENSG0000(RAB29	protein_co chr1	2.06E+08	2.06E+08	-	19.81	21.41
ENSG0000(CD160	protein_co chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(ECE1	protein_co chr1	21217247	21345504	-	64.61	60.39
ENSG0000(HMGCL	protein_co chr1	23801885	23838620	-	26.06	24.22
ENSG0000(GALE	protein_co chr1	23795599	23800804	-	3.05	4.32
ENSG0000(ID3	protein_co chr1	23557918	23559794	-	13.81	14.61
ENSG0000(CR2	protein_co chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(CD46	protein_co chr1	2.08E+08	2.08E+08	+	93.21	84.13
ENSG0000(PRPF3	protein_co chr1	1.5E+08	1.5E+08	+	13.2	12.82
ENSG0000(APH1A	protein_co chr1	1.5E+08	1.5E+08	-	64.13	65.96
ENSG0000(P3H1	protein_co chr1	42746335	42767084	-	63.85	59.19
ENSG0000(SLC2A1	protein_co chr1	42925375	42959173	-	38.96	35.73
ENSG0000(EBNA1BP2	protein_co chr1	43164175	43270936	-	23.91	28.45
ENSG0000(CDC20	protein_co chr1	43358955	43363203	+	0.25	0.11
ENSG0000(MPL	protein_co chr1	43337849	43352772	+	0	0.03
ENSG0000(ARTN	protein_co chr1	43933320	43937241	+	0.04	0
ENSG0000(IPO13	protein_co chr1	43946939	43968022	+	11.06	11.1
ENSG0000(ATP6V0B	protein_co chr1	43974487	43978295	+	46.3	45.03
ENSG0000(B4GALT2	protein_co chr1	43978943	43991170	+	28.5	28.95
ENSG0000(ERI3	protein_co chr1	44221070	44355260	-	22.22	23.04
ENSG0000(PTCH2	protein_co chr1	44819844	44843063	-	0.59	1.07
ENSG0000(AKR1A1	protein_co chr1	45550543	45570049	+	73.72	72.84
ENSG0000(PRDX1	protein_co chr1	45511036	45523047	-	205.86	216.54
ENSG0000(PIK3R3	protein_co chr1	46040140	46133036	-	0.93	1.48
ENSG0000(TSPAN1	protein_co chr1	46175073	46185958	+	0.24	0.39
ENSG0000(BLZF1	protein_co chr1	1.69E+08	1.69E+08	+	7.8	8.02
ENSG0000(CCDC181	protein_co chr1	1.69E+08	1.69E+08	-	0	0
ENSG0000(SLC19A2	protein_co chr1	1.69E+08	1.69E+08	-	2.19	1.38
ENSG0000(FAAH	protein_co chr1	46394265	46413848	+	0.3	0.18
ENSG0000(NSUN4	protein_co chr1	46340177	46365152	+	6.48	5.87
ENSG0000(TMED5	protein_co chr1	93149742	93180728	-	28.09	25.36
ENSG0000(MROH9	protein_co chr1	1.71E+08	1.71E+08	+	0.1	0.21
ENSG0000(DR1	protein_co chr1	93345888	93369498	+	14	14
ENSG0000(FMO6P	transcribec chr1	1.71E+08	1.71E+08	+	0.13	0

ENSG0000(CNN3	protein_co chr1	94896949	94927278 -	104.12	99.13
ENSG0000(PRRC2C	protein_co chr1	1.71E+08	1.72E+08 +	25.95	26.33
ENSG0000(F3	protein_co chr1	94529225	94541800 -	4.15	4.08
ENSG0000(ABCD3	protein_co chr1	94418455	94518666 +	10.96	10.58
ENSG0000(VAMP4	protein_co chr1	1.72E+08	1.72E+08 -	5.38	6
ENSG0000(DPH5	protein_co chr1	1.01E+08	1.01E+08 -	16.8	13.7
ENSG0000(FASLG	protein_co chr1	1.73E+08	1.73E+08 +	0	0
ENSG0000(PTBP2	protein_co chr1	96721665	96823738 +	3.63	4.85
ENSG0000(TNFSF4	protein_co chr1	1.73E+08	1.73E+08 -	0.39	0.21
ENSG0000(PRDX6	protein_co chr1	1.73E+08	1.73E+08 +	101.83	104.33
ENSG0000(DARS2	protein_co chr1	1.74E+08	1.74E+08 +	4.18	3.83
ENSG0000(HSD11B1	protein_co chr1	2.1E+08	2.1E+08 +	92.6	79.64
ENSG0000(IRF6	protein_co chr1	2.1E+08	2.1E+08 -	0.33	0.26
ENSG0000(DIEXF	protein_co chr1	2.1E+08	2.1E+08 +	3.61	3.4
ENSG0000(PLPPR5	protein_co chr1	98890245	99005032 -	0	0.02
ENSG0000(PLPPR4	protein_co chr1	99263953	99309590 +	0	0
ENSG0000(SERPINC1	protein_co chr1	1.74E+08	1.74E+08 -	0.25	0
ENSG0000(RCAN3	protein_co chr1	24502351	24541040 +	1.95	2.07
ENSG0000(SYF2	protein_co chr1	25222679	25232502 -	35.45	33.43
ENSG0000(RSRP1	protein_co chr1	25242237	25338213 -	40.99	41.73
ENSG0000(SLC35A3	protein_co chr1	99969351	1E+08 +	3.48	3.69
ENSG0000(RCOR3	protein_co chr1	2.11E+08	2.11E+08 +	13.04	14.94
ENSG0000(STMN1	protein_co chr1	25884181	25906991 -	21.82	22.53
ENSG0000(MTFR1L	protein_co chr1	25818640	25832942 +	31.89	33
ENSG0000(MAN1C1	protein_co chr1	25617468	25786207 +	8.62	9.43
ENSG0000(NEK2	protein_co chr1	2.12E+08	2.12E+08 -	0.11	0.1
ENSG0000(RPS6KA1	protein_co chr1	26529761	26575030 +	1.36	1.27
ENSG0000(DHDDS	protein_co chr1	26432282	26471294 +	17.69	16.17
ENSG0000(NENF	protein_co chr1	2.12E+08	2.12E+08 +	55.14	55.89
ENSG0000(NSL1	protein_co chr1	2.13E+08	2.13E+08 -	12.67	12.7
ENSG0000(PROX1	protein_co chr1	2.14E+08	2.14E+08 +	0.16	0.14
ENSG0000(ARID1A	protein_co chr1	26693236	26782104 +	13.11	11.23
ENSG0000(CENPF	protein_co chr1	2.15E+08	2.15E+08 +	0.35	0.62
ENSG0000(RPA2	protein_co chr1	27891524	27914746 -	8.56	11.43
ENSG0000(PPP1R8	protein_co chr1	27830778	27851676 +	19.34	18.81
ENSG0000(STX12	protein_co chr1	27773183	27824452 +	19.9	17.17
ENSG0000(2-Mar	protein_co chr1	2.21E+08	2.21E+08 +	5.71	5.19
ENSG0000(SLC5A9	protein_co chr1	48222685	48248644 +	0	0
ENSG0000(OSBPL9	protein_co chr1	51577179	51798427 +	41.63	38.41
ENSG0000(TXNDC12	protein_co chr1	52020131	52056171 -	34.76	31.1
ENSG0000(ESYT2	protein_co chr7	1.59E+08	1.59E+08 -	45.68	44.94
ENSG0000(CD3EAP	protein_co chr19	45406209	45410766 +	3.25	2.74
ENSG0000(MESDC2	protein_co chr15	80946289	80989878 -	14.53	16.65
ENSG0000(RCN2	protein_co chr15	76931619	76954392 +	22.82	22.99
ENSG0000(CHRNB4	protein_co chr15	78624119	78727754 -	0	0

ENSG0000(MUC5B	protein_co chr11	1223066	1262172 +	0	0
ENSG0000(CTSD	protein_co chr11	1752752	1764573 -	528.08	506.52
ENSG0000(COLEC11	protein_co chr2	3594832	3644644 +	0.24	0.23
ENSG0000(STAG1	protein_co chr3	1.36E+08	1.37E+08 -	12.06	10.71
ENSG0000(A4GNT	protein_co chr3	1.38E+08	1.38E+08 -	0	0
ENSG0000(STK11	protein_co chr19	1177558	1228435 +	23.26	21.47
ENSG0000(KMT2A	protein_co chr11	1.18E+08	1.19E+08 +	9.92	11.64
ENSG0000(TREH	protein_co chr11	1.19E+08	1.19E+08 -	0.08	0
ENSG0000(IFT46	protein_co chr11	1.19E+08	1.19E+08 -	10.07	11.16
ENSG0000(MMP8	protein_co chr11	1.03E+08	1.03E+08 -	0.11	0.02
ENSG0000(APOA1	protein_co chr11	1.17E+08	1.17E+08 -	33.76	36.36
ENSG0000(ZNF541	protein_co chr19	47520685	47555856 -	0.04	0.05
ENSG0000(SLC8A2	protein_co chr19	47428017	47472168 -	0	0
ENSG0000(KPTN	protein_co chr19	47475144	47484268 -	3.68	4.51
ENSG0000(RPS25	protein_co chr11	1.19E+08	1.19E+08 -	425.5	421.84
ENSG0000(KIF14	protein_co chr1	2.01E+08	2.01E+08 -	0.03	0.06
ENSG0000(TNNT2	protein_co chr1	2.01E+08	2.01E+08 -	0.14	0.14
ENSG0000(DDX59	protein_co chr1	2.01E+08	2.01E+08 -	5.97	5.57
ENSG0000(CAMSAP2	protein_co chr1	2.01E+08	2.01E+08 +	15.02	14.33
ENSG0000(ATF6	protein_co chr1	1.62E+08	1.62E+08 +	7.8	8.39
ENSG0000(CRYGD	protein_co chr2	2.08E+08	2.08E+08 -	0	0
ENSG0000(MREG	protein_co chr2	2.16E+08	2.16E+08 -	1.14	1.22
ENSG0000(TNP1	protein_co chr2	2.17E+08	2.17E+08 -	0	0
ENSG0000(FASTKD2	protein_co chr2	2.07E+08	2.07E+08 +	7.11	7.84
ENSG0000(NRP2	protein_co chr2	2.06E+08	2.06E+08 +	16.87	14.55
ENSG0000(CREB1	protein_co chr2	2.08E+08	2.08E+08 +	18.74	28.3
ENSG0000(KLF7	protein_co chr2	2.07E+08	2.07E+08 -	13.32	12.87
ENSG0000(TTR	protein_co chr18	31591726	31599021 +	0	0
ENSG0000(B4GALT6	protein_co chr18	31622247	31685836 -	3.01	3.36
ENSG0000(C1orf54	protein_co chr1	1.5E+08	1.5E+08 +	30.94	28.84
ENSG0000(CA14	protein_co chr1	1.5E+08	1.5E+08 +	0.58	0.27
ENSG0000(CASC1	protein_co chr12	25108420	25195162 -	0.25	0.33
ENSG0000(LRMP	protein_co chr12	25004342	25108334 +	0.3	0.12
ENSG0000(ATP10B	protein_co chr5	1.61E+08	1.61E+08 -	0.01	0.01
ENSG0000(SPCS2	protein_co chr11	74949247	74979031 +	87.91	80.09
ENSG0000(USP35	protein_co chr11	78188812	78214711 +	9.24	11.11
ENSG0000(ELOVL4	protein_co chr6	79914812	79947580 -	2.53	2.47
ENSG0000(FILIP1	protein_co chr6	75291859	75493738 -	0.14	0.11
ENSG0000(CASP8AP2	protein_co chr6	89829894	89874436 +	2.43	2.9
ENSG0000(HMGN3	protein_co chr6	79201245	79234738 -	27.3	27.02
ENSG0000(UBE3D	protein_co chr6	82892398	83065841 -	1.51	2.05
ENSG0000(CNR1	protein_co chr6	88139864	88166359 -	0	0
ENSG0000(SPACA1	protein_co chr6	88047789	88066832 +	0	0
ENSG0000(ANKRD13C	protein_co chr1	70260588	70354734 -	6.86	6.22
ENSG0000(SGIP1	protein_co chr1	66533383	66748299 +	1.35	0.61

ENSG0000(PHF3	protein_co chr6	63635820	63779336	+	15.22	15.32
ENSG0000(ZC2HC1B	protein_co chr6	1.44E+08	1.44E+08	+	0	0
ENSG0000(ADGB	protein_co chr6	1.47E+08	1.47E+08	+	0	0
ENSG0000(PLAGL1	protein_co chr6	1.44E+08	1.44E+08	-	35.45	35.82
ENSG0000(FBXO30	protein_co chr6	1.46E+08	1.46E+08	-	2.78	2.6
ENSG0000(TNFAIP3	protein_co chr6	1.38E+08	1.38E+08	+	20.28	17.76
ENSG0000(AKAP7	protein_co chr6	1.31E+08	1.31E+08	+	5.31	2.99
ENSG0000(RAB32	protein_co chr6	1.47E+08	1.47E+08	+	51.07	49.95
ENSG0000(MYB	protein_co chr6	1.35E+08	1.35E+08	+	0.03	0
ENSG0000(ALDH8A1	protein_co chr6	1.35E+08	1.35E+08	-	0.25	0.25
ENSG0000(SGK1	protein_co chr6	1.34E+08	1.34E+08	-	266.06	266.62
ENSG0000(RNF146	protein_co chr6	1.27E+08	1.27E+08	+	20.01	20.06
ENSG0000(ARG1	protein_co chr6	1.32E+08	1.32E+08	+	0	0
ENSG0000(CTGF	protein_co chr6	1.32E+08	1.32E+08	-	43.01	44.45
ENSG0000(TCF21	protein_co chr6	1.34E+08	1.34E+08	+	13.8	12.24
ENSG0000(PMFBP1	protein_co chr16	72112157	72176878	-	0.03	0.08
ENSG0000(FBXL5	protein_co chr4	15604539	15681679	-	21.47	23.89
ENSG0000(MED28	protein_co chr4	17614631	17634105	+	18.61	17.78
ENSG0000(SLC16A7	protein_co chr12	59596067	59789855	+	3.39	3.35
ENSG0000(TMEM5	protein_co chr12	63779803	63809558	+	6.57	7.18
ENSG0000(ZNF430	protein_co chr19	21020620	21060050	+	1.68	1.05
ENSG0000(VAMP8	protein_co chr2	85561562	85582031	+	2.74	3.55
ENSG0000(DCLRE1B	protein_co chr1	1.14E+08	1.14E+08	+	1.9	2.2
ENSG0000(MYL12B	protein_co chr18	3261909	3278284	+	253.41	243.81
ENSG0000(FOXO3	protein_co chr6	1.09E+08	1.09E+08	+	15.97	16.41
ENSG0000(ARMC2	protein_co chr6	1.09E+08	1.09E+08	+	2.07	1.13
ENSG0000(GHRH	protein_co chr20	37251082	37261835	-	0	0
ENSG0000(RPN2	protein_co chr20	37178410	37241623	+	235.47	230.9
ENSG0000(TGIF2	protein_co chr20	36573488	36593950	+	4.12	4.64
ENSG0000(CASQ2	protein_co chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(OLFM3	protein_co chr1	1.02E+08	1.02E+08	-	0	0
ENSG0000(PKD2	protein_co chr4	88007668	88077777	+	28.1	25.24
ENSG0000(ABCG2	protein_co chr4	88090264	88231322	-	0.1	0.09
ENSG0000(SPP1	protein_co chr4	87975650	87983426	+	0.39	0.25
ENSG0000(STBD1	protein_co chr4	76306026	76311599	+	1.62	1.21
ENSG0000(CCNI	protein_co chr4	77047158	77076005	-	109.36	122.51
ENSG0000(RARRES1	protein_co chr3	1.59E+08	1.59E+08	-	92.85	74.59
ENSG0000(MFSD1	protein_co chr3	1.59E+08	1.59E+08	+	66.52	57.74
ENSG0000(RAB3GAP2	protein_co chr1	2.2E+08	2.2E+08	-	8.51	10.48
ENSG0000(EEF2KMT	protein_co chr16	5084304	5097808	-	4.31	5.88
ENSG0000(PPL	protein_co chr16	4882507	4960741	-	11.28	10.73
ENSG0000(UBN1	protein_co chr16	4846665	4882360	+	24.92	23.52
ENSG0000(BTF3P11	processed_chr13	76928066	76928836	+	0	0
ENSG0000(KLF12	protein_co chr13	73686089	73995056	-	5.11	5.23
ENSG0000(UCHL3	protein_co chr13	75549480	75606020	+	14.5	16.2

ENSG0000(PCDH17	protein_co chr13	57631810	57729311 +	0	0.01
ENSG0000(HS1BP3	protein_co chr2	20560448	20651089 -	19.75	21.32
ENSG0000(LDAH	protein_co chr2	20684014	20823130 -	8.16	7.83
ENSG0000(WDR35	protein_co chr2	19910260	19990131 -	3.26	3.55
ENSG0000(CCND2	protein_co chr12	4273772	4305350 +	0.63	0.66
ENSG0000(FGF23	protein_co chr12	4368227	4379728 -	0	0
ENSG0000(OTUD4P1	processed_chr12	3839459	3842525 +	0	0
ENSG0000(ELL2	protein_co chr5	95885098	95962071 -	11.33	8.96
ENSG0000(GLRXP3	processed_chr5	1.62E+08	1.62E+08 -	0	0
ENSG0000(DNAH7	protein_co chr2	1.96E+08	1.96E+08 -	0.4	0.95
ENSG0000(CYP20A1	protein_co chr2	2.03E+08	2.03E+08 +	5.44	7.76
ENSG0000(NDUFB3	protein_co chr2	2.01E+08	2.01E+08 +	34.98	31.15
ENSG0000(GTF3C3	protein_co chr2	1.97E+08	1.97E+08 -	10.39	15.92
ENSG0000(SATB2	protein_co chr2	1.99E+08	1.99E+08 -	2.24	1.57
ENSG0000(UBE2B	protein_co chr5	1.34E+08	1.34E+08 +	49.14	47.25
ENSG0000(TRPM6	protein_co chr9	74722495	74888094 -	0.18	0.09
ENSG0000(GDA	protein_co chr9	72114595	72257193 +	0	0
ENSG0000(KLF9	protein_co chr9	70384597	70414624 -	11.45	10.35
ENSG0000(TJP2	protein_co chr9	69121264	69255208 +	24.64	23.88
ENSG0000(C2orf40	protein_co chr2	1.06E+08	1.06E+08 +	0	0
ENSG0000(ITGB1BP1	protein_co chr2	9403475	9423547 -	59.16	59.64
ENSG0000(CPSF3	protein_co chr2	9423568	9473101 +	9.62	11.9
ENSG0000(PIGZ	protein_co chr3	1.97E+08	1.97E+08 -	6.47	6.7
ENSG0000(SENP5	protein_co chr3	1.97E+08	1.97E+08 +	5.24	6.11
ENSG0000(CCDC92	protein_co chr12	1.24E+08	1.24E+08 -	26.81	26.74
ENSG0000(C1orf198	protein_co chr1	2.31E+08	2.31E+08 -	37.44	37.98
ENSG0000(TRIM67	protein_co chr1	2.31E+08	2.31E+08 +	0	0
ENSG0000(HEATR1	protein_co chr1	2.37E+08	2.37E+08 -	6.15	6.34
ENSG0000(PTBP3	protein_co chr9	1.12E+08	1.12E+08 -	7.76	7.66
ENSG0000(RAD23B	protein_co chr9	1.07E+08	1.07E+08 +	68.74	67.75
ENSG0000(FKBP15	protein_co chr9	1.13E+08	1.13E+08 -	14.74	14.77
ENSG0000(CTNNAL1	protein_co chr9	1.09E+08	1.09E+08 -	22.02	22.71
ENSG0000(FAM206A	protein_co chr9	1.09E+08	1.09E+08 +	7.04	9.08
ENSG0000(WDR34	protein_co chr9	1.29E+08	1.29E+08 -	14.59	15.58
ENSG0000(SET	protein_co chr9	1.29E+08	1.29E+08 +	79.86	73.57
ENSG0000(PTPA	protein_co chr9	1.29E+08	1.29E+08 +	74.63	68.18
ENSG0000(GLE1	protein_co chr9	1.29E+08	1.29E+08 +	10.1	9.37
ENSG0000(RAB14	protein_co chr9	1.21E+08	1.21E+08 -	20.76	20.42
ENSG0000(CNTRL	protein_co chr9	1.21E+08	1.21E+08 +	2.02	3.02
ENSG0000(TRIM32	protein_co chr9	1.17E+08	1.17E+08 +	8.95	9.95
ENSG0000(FBXW2	protein_co chr9	1.21E+08	1.21E+08 -	23.7	23.78
ENSG0000(PHF19	protein_co chr9	1.21E+08	1.21E+08 -	11.43	11.02
ENSG0000(NEK6	protein_co chr9	1.24E+08	1.24E+08 +	38.91	32.97
ENSG0000(BSPRY	protein_co chr9	1.13E+08	1.13E+08 +	0	0
ENSG0000(PPP6C	protein_co chr9	1.25E+08	1.25E+08 -	16.78	15.83

ENSG0000(NDUFA8	protein_co chr9	1.22E+08	1.22E+08 -	29.92	30.29
ENSG0000(HDHD3	protein_co chr9	1.13E+08	1.13E+08 -	7.9	8.14
ENSG0000(LCN1P1	unprocessε chr9	1.33E+08	1.33E+08 -	0	0
ENSG0000(RBM18	protein_co chr9	1.22E+08	1.22E+08 -	10.04	7.54
ENSG0000(SLC46A2	protein_co chr9	1.13E+08	1.13E+08 -	0	0
ENSG0000(HSDL2	protein_co chr9	1.12E+08	1.12E+08 +	10.4	10.33
ENSG0000(MAPKAP1	protein_co chr9	1.25E+08	1.26E+08 -	32.29	41.35
ENSG0000(NR4A3	protein_co chr9	99821855	99866891 +	0.1	0.29
ENSG0000(INVS	protein_co chr9	1E+08	1E+08 +	5.86	5.07
ENSG0000(GALNT12	protein_co chr9	98807699	98850081 +	7.49	6.72
ENSG0000(DENND1A	protein_co chr9	1.23E+08	1.24E+08 -	8.09	7.26
ENSG0000(ALG2	protein_co chr9	99216426	99221956 -	15.58	17.78
ENSG0000(CSF3R	protein_co chr1	36466043	36483278 -	0.05	0.04
ENSG0000(KDSR	protein_co chr18	63327726	63367510 -	48.26	41.3
ENSG0000(VPS4B	protein_co chr18	63389190	63422483 -	15.83	16.73
ENSG0000(ONECUT2	protein_co chr18	57435685	57491297 +	0	0.01
ENSG0000(C19orf25	protein_co chr19	1461143	1479556 -	18.45	19.37
ENSG0000(ZBTB45	protein_co chr19	58513530	58538911 -	5.52	5.74
ENSG0000(YLPM1	protein_co chr14	74763366	74859435 +	15.91	15.65
ENSG0000(DCAF4	protein_co chr14	72926332	72959703 +	5.53	6.44
ENSG0000(PROX2	protein_co chr14	74852871	74871940 -	0	0
ENSG0000(VSX2	protein_co chr14	74239472	74262738 +	0	0
ENSG0000(FCF1	protein_co chr14	74713144	74738620 +	18.29	18.89
ENSG0000(PGF	protein_co chr14	74941834	74955784 -	0.87	1.09
ENSG0000(IFI27L2	protein_co chr14	94127779	94130253 -	109.74	113.03
ENSG0000(BBOF1	protein_co chr14	74019353	74082863 +	5.73	6.12
ENSG0000(NEK9	protein_co chr14	75079353	75127344 -	32.21	32.59
ENSG0000(ACYP1	protein_co chr14	75053221	75069483 -	4.59	4
ENSG0000(IFT43	protein_co chr14	75902136	76084585 +	18.07	19.51
ENSG0000(NPC2	protein_co chr14	74476192	74494177 -	407.62	417.89
ENSG0000(DPPA5P4	processed_ chr14	75292131	75292495 -	0	0
ENSG0000(DNAL1	protein_co chr14	73644875	73703732 +	4.69	4.1
ENSG0000(IRF2BPL	protein_co chr14	77024543	77028699 -	14.27	15.28
ENSG0000(ACOT2	protein_co chr14	73567620	73575658 +	15.49	16.74
ENSG0000(LTBP2	protein_co chr14	74498170	74612378 -	104.52	99.95
ENSG0000(AREL1	protein_co chr14	74653437	74713115 -	11.57	11.76
ENSG0000(MLH3	protein_co chr14	75013764	75051532 -	6.92	6.21
ENSG0000(TTL5	protein_co chr14	75633625	75955078 +	6.22	8.57
ENSG0000(FLVCR2	protein_co chr14	75578617	75663214 +	0.42	0.56
ENSG0000(ABCD4	protein_co chr14	74285423	74303056 -	24.25	20.16
ENSG0000(DLST	protein_co chr14	74881891	74903745 +	47.01	50.01
ENSG0000(PPP4R4	protein_co chr14	94146128	94279735 +	2.93	1.87
ENSG0000(TGFB3	protein_co chr14	75958099	75982991 -	9.75	8.77
ENSG0000(ZC2HC1C	protein_co chr14	75064170	75079987 +	1.47	1.04
ENSG0000(SLIRP	protein_co chr14	77708071	77761104 +	56.65	65.14

ENSG0000(RBM25	protein_co chr14	73058436	73123898	+	22.66	25.87
ENSG0000(ALDH6A1	protein_co chr14	74056850	74084493	-	6.42	5.76
ENSG0000(GPR68	protein_co chr14	91232532	91253925	-	1.6	1.5
ENSG0000(ESRRB	protein_co chr14	76310614	76501841	+	0	0
ENSG0000(EIF2B2	protein_co chr14	75002911	75012366	+	11.68	13.69
ENSG0000(NRDE2	protein_co chr14	90267856	90332137	-	4.73	4.77
ENSG0000(COQ6	protein_co chr14	73949926	73963670	+	10.49	11.74
ENSG0000(ZNF410	protein_co chr14	73886617	73932511	+	20.56	20.23
ENSG0000(RHOQ	protein_co chr2	46541806	46583121	+	74.3	65.14
ENSG0000(GPR75	protein_co chr2	53852913	53859989	-	0.13	0.14
ENSG0000(SUPT7L	protein_co chr2	27650812	27663840	-	13.92	13.24
ENSG0000(KLHL29	protein_co chr2	23385217	23708611	+	1.48	1.54
ENSG0000(DNMT3A	protein_co chr2	25227855	25342590	-	3.95	5.67
ENSG0000(TMEM214	protein_co chr2	27032910	27041695	+	36.24	33.46
ENSG0000(ATAD2B	protein_co chr2	23748664	23927114	-	2.13	2.78
ENSG0000(FKBP1B	protein_co chr2	24049701	24063681	+	8.22	8.59
ENSG0000(ATL2	protein_co chr2	38294880	38377285	-	9.08	14.33
ENSG0000(YPEL5	protein_co chr2	30146941	30160533	+	55.16	56.37
ENSG0000(FAM98A	protein_co chr2	33583658	33599382	-	17.6	16.94
ENSG0000(YIPF4	protein_co chr2	32277910	32316594	+	19.99	20.16
ENSG0000(AFTPH	protein_co chr2	64524305	64593005	+	7.16	7.62
ENSG0000(LGALS1	protein_co chr2	64453969	64461381	+	2.75	1.85
ENSG0000(CNRIP1	protein_co chr2	68284171	68320051	-	13.87	16.03
ENSG0000(BCL11A	protein_co chr2	60451167	60553567	-	0	0
ENSG0000(CRIPT	protein_co chr2	46616416	46625742	+	6.75	7.24
ENSG0000(EPCAM	protein_co chr2	47345158	47387601	+	0	0
ENSG0000(SLC17A5	protein_co chr6	73593379	73654155	-	10.46	11.63
ENSG0000(OGFRL1	protein_co chr6	71288803	71308950	+	5.34	5.25
ENSG0000(SLF2	protein_co chr10	1.01E+08	1.01E+08	+	7.68	7.59
ENSG0000(IDE	protein_co chr10	92451684	92574076	-	9.56	11.07
ENSG0000(TECTB	protein_co chr10	1.12E+08	1.12E+08	+	0	0
ENSG0000(ELOVL3	protein_co chr10	1.02E+08	1.02E+08	+	1.44	1.02
ENSG0000(IFIT3	protein_co chr10	89327894	89340971	+	11.98	11.85
ENSG0000(NKX2-3	protein_co chr10	99532933	99536524	+	0	0
ENSG0000(IFIT2	protein_co chr10	89283694	89309276	+	3.22	3.63
ENSG0000(GPAM	protein_co chr10	1.12E+08	1.12E+08	-	2.52	2.31
ENSG0000(CUTC	protein_co chr10	99702558	99756134	+	9.49	7.9
ENSG0000(PPP1R3C	protein_co chr10	91628442	91633054	-	25.35	25.48
ENSG0000(PYROXD2	protein_co chr10	98383565	98415184	-	6.36	8.03
ENSG0000(CNNM1	protein_co chr10	99329099	99394330	+	0	0
ENSG0000(MX1	protein_co chr10	1.1E+08	1.1E+08	+	44.22	40.8
ENSG0000(SMNDC1	protein_co chr10	1.1E+08	1.1E+08	-	12.74	13.45
ENSG0000(C10orf88	protein_co chr10	1.23E+08	1.23E+08	-	3.63	3.05
ENSG0000(HELLS	protein_co chr10	94501434	94613905	+	0.54	0.48
ENSG0000(PRLHR	protein_co chr10	1.19E+08	1.19E+08	-	0.01	0.01

ENSG0000(TCTN3	protein_co chr10	95663396	95694143 -	17.24	16.87
ENSG0000(FAM45A	protein_co chr10	1.19E+08	1.19E+08 +	39.59	41.41
ENSG0000(AVPI1	protein_co chr10	97677424	97687323 -	45.07	42.94
ENSG0000(WDR11	protein_co chr10	1.21E+08	1.21E+08 +	19.68	20.34
ENSG0000(C10orf76	protein_co chr10	1.02E+08	1.02E+08 -	7.2	7.82
ENSG0000(KCNIP2	protein_co chr10	1.02E+08	1.02E+08 -	0.79	0.38
ENSG0000(CFAP58	protein_co chr10	1.04E+08	1.04E+08 +	0.36	0.47
ENSG0000(GOT1	protein_co chr10	99396870	99430624 -	16.32	17.16
ENSG0000(CPN1	protein_co chr10	1E+08	1E+08 -	0	0
ENSG0000(C10orf95	protein_co chr10	1.02E+08	1.02E+08 -	0	0.04
ENSG0000(SFRP5	protein_co chr10	97766751	97771952 -	0	0
ENSG0000(GNA13	protein_co chr17	65010715	65056839 -	8.54	8.88
ENSG0000(HOXB8	protein_co chr17	48611377	48614939 -	0	0
ENSG0000(KANSL1	protein_co chr17	46029916	46225389 -	13.26	13.25
ENSG0000(HOXB5	protein_co chr17	48591257	48593961 -	0.05	0.06
ENSG0000(CRHR1	protein_co chr17	45784280	45835828 +	0	0
ENSG0000(HOXB3	protein_co chr17	48548870	48604912 -	0.75	1.16
ENSG0000(HOXB1	protein_co chr17	48528526	48530997 -	0	0
ENSG0000(DUSP1	protein_co chr5	1.73E+08	1.73E+08 -	5.76	5.55
ENSG0000(PANK3	protein_co chr5	1.69E+08	1.69E+08 -	12.5	10.52
ENSG0000(MSX2	protein_co chr5	1.75E+08	1.75E+08 +	0.9	1.34
ENSG0000(TEK	protein_co chr9	27109141	27230175 +	16.18	17.49
ENSG0000(RCL1	protein_co chr9	4792869	4885917 +	3.36	2.92
ENSG0000(CAAP1	protein_co chr9	26840685	26892804 -	5.57	7.58
ENSG0000(EQTN	protein_co chr9	27284659	27297139 -	0	0
ENSG0000(MOB3B	protein_co chr9	27325209	27529781 -	0.09	0.02
ENSG0000(INSL6	protein_co chr9	5131979	5185668 -	0	0.19
ENSG0000(INSL4	protein_co chr9	5231419	5235304 +	0	0
ENSG0000(MLANA	protein_co chr9	5890802	5910606 +	0.18	0.13
ENSG0000(CD274	protein_co chr9	5450503	5470566 +	1.5	2.37
ENSG0000(IFNA6	protein_co chr9	21349835	21351378 -	0	0
ENSG0000(IFNA8	protein_co chr9	21409147	21410185 +	0	0
ENSG0000(GRIA2	protein_co chr4	1.57E+08	1.57E+08 +	0	0
ENSG0000(NUP43	protein_co chr6	1.5E+08	1.5E+08 -	5.74	5.71
ENSG0000(MTHFD1L	protein_co chr6	1.51E+08	1.51E+08 +	29.17	27.77
ENSG0000(LRP11	protein_co chr6	1.5E+08	1.5E+08 -	17.41	16.35
ENSG0000(CCDC170	protein_co chr6	1.51E+08	1.52E+08 +	0.88	1.35
ENSG0000(PCMT1	protein_co chr6	1.5E+08	1.5E+08 +	27.31	28.55
ENSG0000(PLEKHG1	protein_co chr6	1.51E+08	1.51E+08 +	1.53	1.76
ENSG0000(MYCT1	protein_co chr6	1.53E+08	1.53E+08 +	7.36	7.14
ENSG0000(CXorf21	protein_co chrX	30558824	30577844 -	0	0
ENSG0000(MAGEB4	protein_co chrX	30242052	30244193 +	0	0
ENSG0000(CYSTM1	protein_co chr5	1.4E+08	1.4E+08 +	38.36	35.61
ENSG0000(WDR55	protein_co chr5	1.41E+08	1.41E+08 +	7.66	7.72
ENSG0000(ARAP3	protein_co chr5	1.42E+08	1.42E+08 -	7.26	7.52

ENSG0000(PCDHB8	protein_co chr5	1.41E+08	1.41E+08 +	0.37	0.5
ENSG0000(PCDHB10	protein_co chr5	1.41E+08	1.41E+08 +	0.85	1.05
ENSG0000(PCDHB14	protein_co chr5	1.41E+08	1.41E+08 +	1.69	1.77
ENSG0000(PCDHB12	protein_co chr5	1.41E+08	1.41E+08 +	0.36	0.31
ENSG0000(SLC25A2	protein_co chr5	1.41E+08	1.41E+08 -	0	0
ENSG0000(TNN	protein_co chr1	1.75E+08	1.75E+08 +	0.01	0
ENSG0000(MRPS14	protein_co chr1	1.75E+08	1.75E+08 -	10.86	10.59
ENSG0000(CENPL	protein_co chr1	1.74E+08	1.74E+08 -	2.19	2.25
ENSG0000(TNFSF18	protein_co chr1	1.73E+08	1.73E+08 -	0	0
ENSG0000(SEC16B	protein_co chr1	1.78E+08	1.78E+08 -	1.68	1.82
ENSG0000(GORAB	protein_co chr1	1.71E+08	1.71E+08 +	9.4	8.26
ENSG0000(GPR31	protein_co chr6	1.67E+08	1.67E+08 -	0	0
ENSG0000(ACAT2	protein_co chr6	1.6E+08	1.6E+08 +	14.7	13.82
ENSG0000(TCP1	protein_co chr6	1.6E+08	1.6E+08 -	81.24	85.02
ENSG0000(TTL2	protein_co chr6	1.67E+08	1.67E+08 +	0	0
ENSG0000(SNX19	protein_co chr11	1.31E+08	1.31E+08 -	27.88	25.2
ENSG0000(KCNJ5	protein_co chr11	1.29E+08	1.29E+08 +	0.04	0.06
ENSG0000(MSANTD2	protein_co chr11	1.25E+08	1.25E+08 -	3.36	3.48
ENSG0000(TP53AIP1	protein_co chr11	1.29E+08	1.29E+08 -	0.02	0
ENSG0000(TEX11	protein_co chrX	70528940	70908731 -	0.02	0
ENSG0000(ARR3	protein_co chrX	70268305	70281840 +	0	0
ENSG0000(PDZD11	protein_co chrX	70286595	70290514 -	20.79	24.53
ENSG0000(SLC10A7	protein_co chr4	1.46E+08	1.47E+08 -	2.33	4.71
ENSG0000(NUDCD1	protein_co chr8	1.09E+08	1.09E+08 -	4.1	4.28
ENSG0000(ENY2	protein_co chr8	1.09E+08	1.09E+08 +	48.09	37.4
ENSG0000(MASTL	protein_co chr10	27154824	27186924 +	2.87	2.65
ENSG0000(KIAA1217	protein_co chr10	23694746	24547848 +	0.86	0.84
ENSG0000(SEPT7P9	transcribec chr10	38383069	38402916 -	0.09	0
ENSG0000(LYZL1	protein_co chr10	29289061	29318328 +	0	0
ENSG0000(PLXDC2	protein_co chr10	19816239	20289856 +	2.39	4.07
ENSG0000(EPC1	protein_co chr10	32267751	32378798 -	10.83	9.78
ENSG0000(IQSEC3	protein_co chr12	66765	178460 +	0.14	0.04
ENSG0000(CCDC77	protein_co chr12	389273	442645 +	2.93	2.77
ENSG0000(TAF12	protein_co chr1	28589323	28643085 -	14.55	16.57
ENSG0000(ENOX1	protein_co chr13	43213518	43786908 -	14.41	11.58
ENSG0000(TNFSF11	protein_co chr13	42562736	42608013 +	0	0.06
ENSG0000(MTRF1	protein_co chr13	41216369	41263577 -	6.59	4.06
ENSG0000(SPG20-AS1	antisense chr13	36346431	36369601 +	3.72	2.7
ENSG0000(SOHLH2	protein_co chr13	36168208	36214615 -	0.06	0
ENSG0000(DNAJC15	protein_co chr13	43023203	43114224 +	9.32	11.18
ENSG0000(PROSER1	protein_co chr13	39009866	39038076 -	6.06	8.83
ENSG0000(UFM1	protein_co chr13	38349849	38363619 +	21.01	21.08
ENSG0000(WBP4	protein_co chr13	41061274	41084006 +	5.41	5.29
ENSG0000(ELF1	protein_co chr13	40932028	41061440 -	24.2	21.88
ENSG0000(SMAD9	protein_co chr13	36844831	36920765 -	3.08	2.81

ENSG0000(HSPH1	protein_co chr13	31134974	31162388	-	14.07	14.61
ENSG0000(KBTBD7	protein_co chr13	41189833	41194566	-	1.51	1.74
ENSG0000(ALG5	protein_co chr13	36949775	37000261	-	22.34	21.14
ENSG0000(EXOSC8	protein_co chr13	36998816	37009613	+	9.61	10.96
ENSG0000(ETF1	protein_co chr5	1.39E+08	1.39E+08	-	33.55	31.11
ENSG0000(TGFBI	protein_co chr5	1.36E+08	1.36E+08	+	1914.63	1782.12
ENSG0000(FAM53C	protein_co chr5	1.38E+08	1.38E+08	+	17.89	16.27
ENSG0000(SIL1	protein_co chr5	1.39E+08	1.39E+08	-	57.73	51.92
ENSG0000(PAIP2	protein_co chr5	1.39E+08	1.39E+08	+	35.98	32.84
ENSG0000(MYOT	protein_co chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000(KDM3B	protein_co chr5	1.38E+08	1.38E+08	+	15.46	14.24
ENSG0000(EGR1	protein_co chr5	1.38E+08	1.38E+08	+	7.32	9.91
ENSG0000(SERP1	protein_co chr3	1.51E+08	1.51E+08	-	43.58	50.37
ENSG0000(PLS1	protein_co chr3	1.43E+08	1.43E+08	+	0.41	0.43
ENSG0000(ZFP30	protein_co chr19	37613749	37692337	-	2.82	3.73
ENSG0000(NR2C1	protein_co chr12	95020229	95073703	-	12.33	12.02
ENSG0000(UTP20	protein_co chr12	1.01E+08	1.01E+08	+	2.29	2.75
ENSG0000(TMPO	protein_co chr12	98515512	98550379	+	7.12	8.65
ENSG0000(ARL1	protein_co chr12	1.01E+08	1.01E+08	-	39.58	38.67
ENSG0000(GLT8D2	protein_co chr12	1.04E+08	1.04E+08	-	43.37	43.54
ENSG0000(MTERF2	protein_co chr12	1.07E+08	1.07E+08	-	3.83	4.4
ENSG0000(SOCS2	protein_co chr12	93569814	93583487	+	3.03	3.42
ENSG0000(NFYB	protein_co chr12	1.04E+08	1.04E+08	-	39.74	42.56
ENSG0000(WASHC3	protein_co chr12	1.02E+08	1.02E+08	-	51.71	50.43
ENSG0000(APAF1	protein_co chr12	98645141	98735433	+	3.18	3.23
ENSG0000(DUSP4	protein_co chr8	29333064	29350668	-	4.18	3.61
ENSG0000(CLU	protein_co chr8	27596917	27615031	-	429.49	469.97
ENSG0000(TNFRSF10E	protein_co chr8	23020133	23069179	-	77.41	78.17
ENSG0000(SORBS3	protein_co chr8	22544986	22575788	+	86.28	73.84
ENSG0000(PTK2B	protein_co chr8	27311482	27459391	+	22.84	25.73
ENSG0000(CHRNA2	protein_co chr8	27459761	27479883	-	0	0
ENSG0000(ADRA1A	protein_co chr8	26748150	26867273	-	0.05	0.09
ENSG0000(PPP3CC	protein_co chr8	22440819	22541142	+	12.76	12.03
ENSG0000(PDLIM2	protein_co chr8	22578279	22598025	+	131.72	136.37
ENSG0000(EPHX2	protein_co chr8	27490779	27545564	+	1.68	1.14
ENSG0000(RNF170	protein_co chr8	42849637	42897290	-	12.41	10.5
ENSG0000(NPPB	protein_co chr1	11857464	11858931	-	3.06	3.58
ENSG0000(UBIAD1	protein_co chr1	11273206	11296049	+	4.13	4.57
ENSG0000(TARDBP	protein_co chr1	11012344	11026420	+	60.18	61.23
ENSG0000(TNFRSF8	protein_co chr1	12063377	12144207	+	3.09	2.63
ENSG0000(PRAMEF2	protein_co chr1	12857086	12861909	+	0	0
ENSG0000(ZNF706	protein_co chr8	1.01E+08	1.01E+08	-	41.34	38.81
ENSG0000(LYPLA1	protein_co chr8	54046367	54102017	-	26.65	27.99
ENSG0000(CRISPLD1	protein_co chr8	74984515	75034558	+	0.35	0.46
ENSG0000(COP55	protein_co chr8	67043079	67083783	-	23.91	25.93

ENSG0000(RDH10	protein_co chr8	73294612	73325281	+	23.61	32.54
ENSG0000(EPX	protein_co chr17	58192737	58205174	+	0	0
ENSG0000(AKAP1	protein_co chr17	57085092	57121349	+	8.96	9.04
ENSG0000(COIL	protein_co chr17	56938187	56961054	-	4.12	4.98
ENSG0000(TRIM25	protein_co chr17	56887909	56914038	-	37.58	31.44
ENSG0000(SCPEP1	protein_co chr17	56978105	57006768	+	90.36	90.48
ENSG0000(SPOP	protein_co chr17	49598884	49678234	-	17.02	18.6
ENSG0000(TBX2	protein_co chr17	61399896	61409466	+	1.43	2.48
ENSG0000(SLC35B1	protein_co chr17	49700943	49709014	-	24.91	25.07
ENSG0000(TBX4	protein_co chr17	61452404	61485110	+	0	0
ENSG0000(NACA3P	processed_chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(TEX14	protein_co chr17	58556678	58692055	-	0	0.11
ENSG0000(FAM117A	protein_co chr17	49710332	49789180	-	6.22	6.21
ENSG0000(NCAPH	protein_co chr2	96335787	96373845	+	0.3	0.04
ENSG0000(LRAT	protein_co chr4	1.55E+08	1.55E+08	+	0.02	0.01
ENSG0000(KIAA0922	protein_co chr4	1.53E+08	1.54E+08	+	4.22	3.61
ENSG0000(MND1	protein_co chr4	1.53E+08	1.53E+08	+	0.11	0.16
ENSG0000(TRIM6	protein_co chr11	5596109	5612958	+	1.37	2.38
ENSG0000(ABCC11	protein_co chr16	48166910	48247568	-	0.25	0.11
ENSG0000(PAPD5	protein_co chr16	50152918	50235310	+	3.79	4.04
ENSG0000(ADCY7	protein_co chr16	50246137	50318135	+	13.89	11.02
ENSG0000(CEP89	protein_co chr19	32875925	32971991	-	8.2	7.92
ENSG0000(TSHZ3	protein_co chr19	31274945	31349547	-	8.59	8.99
ENSG0000(ECHDC2	protein_co chr1	52895910	52927212	-	35.17	37.27
ENSG0000(TAS2R8	protein_co chr12	10806051	10807293	-	0	0
ENSG0000(PLBD1	protein_co chr12	14503661	14568349	-	0.69	0.72
ENSG0000(TAS2R10	protein_co chr12	10825317	10826358	-	0	0.06
ENSG0000(PRB2	protein_co chr12	11391540	11501041	-	0	0
ENSG0000(PYROXD1	protein_co chr12	21437615	21471252	+	5.8	4.41
ENSG0000(IAPP	protein_co chr12	21354959	21379978	+	0.11	0.09
ENSG0000(KCNJ8	protein_co chr12	21764955	21775581	-	4.28	5.5
ENSG0000(TAS2R7	protein_co chr12	10801532	10802627	-	0	0
ENSG0000(BCL2L14	protein_co chr12	12049844	12211084	+	0.04	0.05
ENSG0000(TAS2R9	protein_co chr12	10809094	10810168	-	0	0
ENSG0000(RP11-408E	unprocessε chr13	19185225	19187349	+	0	0
ENSG0000(PSPC1	protein_co chr13	19674752	19783019	-	11.81	12.15
ENSG0000(ZNF549	protein_co chr19	57527325	57557542	+	2.07	2.17
ENSG0000(A1BG	protein_co chr19	58345178	58353499	-	18.41	16.57
ENSG0000(ZSCAN18	protein_co chr19	58083838	58118427	-	3.64	2.9
ENSG0000(ZNF211	protein_co chr19	57630395	57642779	+	5.45	6.55
ENSG0000(PDZRN3	protein_co chr3	73382433	73624940	-	10.63	11.48
ENSG0000(RGSL1	protein_co chr1	1.82E+08	1.83E+08	+	0	0
ENSG0000(LHX4	protein_co chr1	1.8E+08	1.8E+08	+	0	0
ENSG0000(RNF2	protein_co chr1	1.85E+08	1.85E+08	+	9.73	10.16
ENSG0000(TRMT1L	protein_co chr1	1.85E+08	1.85E+08	-	5.53	6.61

ENSG0000(SEC22A	protein_co chr3	1.23E+08	1.23E+08 +	12.46	18.67
ENSG0000(CSTA	protein_co chr3	1.22E+08	1.22E+08 +	2.51	2.48
ENSG0000(DPPA4	protein_co chr3	1.09E+08	1.09E+08 -	0.24	0.1
ENSG0000(POPDC2	protein_co chr3	1.2E+08	1.2E+08 -	0.48	0.73
ENSG0000(B4GALT4	protein_co chr3	1.19E+08	1.19E+08 -	17	15.79
ENSG0000(NAA50	protein_co chr3	1.14E+08	1.14E+08 -	44.59	46.92
ENSG0000(CD80	protein_co chr3	1.2E+08	1.2E+08 -	0	0.02
ENSG0000(KIF18A	protein_co chr11	28020620	28108308 -	0.32	0.17
ENSG0000(GJA8	protein_co chr1	1.48E+08	1.48E+08 +	0	0
ENSG0000(DESI2	protein_co chr1	2.45E+08	2.45E+08 +	9.7	10.86
ENSG0000(MAPK8IP1	protein_co chr11	45885651	45906465 +	3.84	4.27
ENSG0000(CRY2	protein_co chr11	45847118	45883248 +	11.02	10.89
ENSG0000(PEX16	protein_co chr11	45909669	45918812 -	9.89	10.27
ENSG0000(DEPDC7	protein_co chr11	33015864	33033582 +	2.61	3.32
ENSG0000(CAT	protein_co chr11	34438925	34472062 +	27.68	30.55
ENSG0000(PILRB	protein_co chr7	1E+08	1E+08 +	6.6	6.31
ENSG0000(ZMYM2	protein_co chr13	19958670	20091829 +	18.69	15.85
ENSG0000(GJB6	protein_co chr13	20221971	20232395 -	0	0
ENSG0000(GJA3	protein_co chr13	20138255	20161049 -	1.34	1.06
ENSG0000(TBC1D15	protein_co chr12	71839707	71927248 +	20.81	24.46
ENSG0000(ADGRB2	protein_co chr1	31727117	31764893 -	8.41	9.27
ENSG0000(HCRTR1	protein_co chr1	31617686	31632518 +	0	0
ENSG0000(ZCCHC17	protein_co chr1	31296982	31364953 +	23.1	20.21
ENSG0000(FABP3	protein_co chr1	31365625	31376850 -	5.16	4.78
ENSG0000(KHDRBS1	protein_co chr1	32013829	32060850 +	36.4	37.06
ENSG0000(TMEM39B	protein_co chr1	32072031	32102866 +	8.18	10.26
ENSG0000(CCRL2	protein_co chr3	46407163	46412997 +	0	0
ENSG0000(CCR2	protein_co chr3	46353734	46360928 +	0	0
ENSG0000(POLR3GL	protein_co chr1	1.46E+08	1.46E+08 +	16.29	17.95
ENSG0000(GHSR	protein_co chr3	1.72E+08	1.72E+08 -	0	0
ENSG0000(TNFSF10	protein_co chr3	1.73E+08	1.73E+08 -	6.06	5.95
ENSG0000(ZNF639	protein_co chr3	1.79E+08	1.79E+08 +	11.53	11.29
ENSG0000(SLITRK3	protein_co chr3	1.65E+08	1.65E+08 -	0	0
ENSG0000(PIK3CA	protein_co chr3	1.79E+08	1.79E+08 +	6.23	7.71
ENSG0000(PDS5A	protein_co chr4	39822863	39977956 -	13.68	10.97
ENSG0000(TMEM156	protein_co chr4	38966744	39032922 -	0.2	0.22
ENSG0000(LIAS	protein_co chr4	39458587	39485109 +	8.14	5.26
ENSG0000(CPXM2	protein_co chr10	1.24E+08	1.24E+08 -	35.41	33.23
ENSG0000(TMEM54	protein_co chr1	32894594	32901438 -	23.01	26.16
ENSG0000(ZSCAN20	protein_co chr1	33472645	33496507 +	1.58	2.2
ENSG0000(CSMD2	protein_co chr1	33513999	34165842 -	1.51	1.08
ENSG0000(HPCA	protein_co chr1	32885994	32898441 +	0	0.15
ENSG0000(LRIF1	protein_co chr1	1.11E+08	1.11E+08 -	4.4	5.57
ENSG0000(TMIGD3	protein_co chr1	1.11E+08	1.12E+08 -	0.06	0.17
ENSG0000(CLCC1	protein_co chr1	1.09E+08	1.09E+08 -	15.16	17.46

ENSG0000(GPSM2	protein_co chr1	1.09E+08	1.09E+08 +	2.48	3.45
ENSG0000(GTDC1	protein_co chr2	1.44E+08	1.44E+08 -	5.23	5.42
ENSG0000(CXCR4	protein_co chr2	1.36E+08	1.36E+08 -	0.04	0.09
ENSG0000(ZRANB3	protein_co chr2	1.35E+08	1.36E+08 -	2.15	1.35
ENSG0000(ACVR2A	protein_co chr2	1.48E+08	1.48E+08 +	7.56	7.67
ENSG0000(POLK	protein_co chr5	75511756	75601144 +	8.7	7.76
ENSG0000(SV2C	protein_co chr5	76083172	76353939 +	0	0
ENSG0000(FLT3	protein_co chr13	28003274	28100592 -	0	0
ENSG0000(RPL21	protein_co chr13	27251309	27256691 +	376.82	422.07
ENSG0000(MTIF3	protein_co chr13	27435643	27450591 -	27.86	30.96
ENSG0000(GTF3A	protein_co chr13	27424544	27435823 +	35.16	36.56
ENSG0000(RASL11A	protein_co chr13	27270327	27273690 +	4.15	0.93
ENSG0000(UBL3	protein_co chr13	29764371	29850684 -	8.39	8.34
ENSG0000(LINC00544	lincRNA chr13	29935905	29950488 +	0	0
ENSG0000(FYTTD1	protein_co chr3	1.98E+08	1.98E+08 +	20.55	20
ENSG0000(MTERF4	protein_co chr2	2.41E+08	2.41E+08 -	16.09	15.74
ENSG0000(XPNPEP2	protein_co chrX	1.3E+08	1.3E+08 +	11.17	10.17
ENSG0000(SASH3	protein_co chrX	1.3E+08	1.3E+08 +	0	0
ENSG0000(OCRL	protein_co chrX	1.3E+08	1.3E+08 +	10.9	11.41
ENSG0000(PAEP	protein_co chr9	1.36E+08	1.36E+08 +	0.12	0
ENSG0000(OBP2A	protein_co chr9	1.36E+08	1.36E+08 +	0	0
ENSG0000(MRPS2	protein_co chr9	1.35E+08	1.36E+08 +	21.84	19.52
ENSG0000(TBX22	protein_co chrX	80014756	80031769 +	0	0
ENSG0000(FMOD	protein_co chr1	2.03E+08	2.03E+08 -	36.48	36.84
ENSG0000(MYOG	protein_co chr1	2.03E+08	2.03E+08 -	0	0
ENSG0000(LAX1	protein_co chr1	2.04E+08	2.04E+08 +	0.04	0
ENSG0000(PLG	protein_co chr6	1.61E+08	1.61E+08 +	0.02	0.42
ENSG0000(KIAA1191	protein_co chr5	1.76E+08	1.76E+08 -	48.28	45.8
ENSG0000(COPA	protein_co chr1	1.6E+08	1.6E+08 -	70.19	65.29
ENSG0000(CD244	protein_co chr1	1.61E+08	1.61E+08 -	0.22	0.47
ENSG0000(LY9	protein_co chr1	1.61E+08	1.61E+08 +	0.03	0.04
ENSG0000(HS3ST2	protein_co chr16	22814177	22916338 +	0	0
ENSG0000(RBBP6	protein_co chr16	24537693	24572863 +	15.29	16.38
ENSG0000(ZC3H7A	protein_co chr16	11750586	11797267 -	14.48	14.36
ENSG0000(PRM2	protein_co chr16	11275639	11276480 -	0	0
ENSG0000(SERAC1	protein_co chr6	1.58E+08	1.58E+08 -	16.23	17.59
ENSG0000(ANXA11	protein_co chr10	80150889	80205572 -	104.32	122.31
ENSG0000(LDB3	protein_co chr10	86668449	86736068 +	0.06	0.03
ENSG0000(OPN4	protein_co chr10	86654557	86666848 +	0	0
ENSG0000(FAM35A	protein_co chr10	87094161	87191468 +	7.26	7.03
ENSG0000(FAM213A	protein_co chr10	80407829	80437115 +	0.3	0.25
ENSG0000(ZNF205	protein_co chr16	3112560	3120517 +	5.56	6.47
ENSG0000(NAA60	protein_co chr16	3443611	3486963 +	27.08	24.69
ENSG0000(RPL5	protein_co chr1	92832025	92841924 +	601.88	591.86
ENSG0000(ODF2L	protein_co chr1	86346824	86396342 -	19.76	15

ENSG0000(PTGFR	protein_co chr1	78303884	78539749	+	16.1	13.74
ENSG0000(SPATA1	protein_co chr1	84506300	84566194	+	0.51	0.6
ENSG0000(TRMT13	protein_co chr1	1E+08	1E+08	+	3.05	4.15
ENSG0000(LRRC39	protein_co chr1	1E+08	1E+08	-	0	0.23
ENSG0000(RWDD3	protein_co chr1	95234155	95247225	+	5.37	7.13
ENSG0000(ZNF644	protein_co chr1	90915298	91022272	-	8.98	8.66
ENSG0000(CCDC18	protein_co chr1	93179919	93278730	+	0.94	0.82
ENSG0000(RPAP2	protein_co chr1	92298965	92402056	+	4.77	5.5
ENSG0000(PQLC1	protein_co chr18	79902420	79951664	-	12.92	13.79
ENSG0000(BBS9	protein_co chr7	33129244	33606068	+	6.96	7.24
ENSG0000(PMS2	protein_co chr7	5973239	6009125	-	6.68	6.82
ENSG0000(ZMIZ2	protein_co chr7	44748581	44769881	+	21.61	23.35
ENSG0000(OCM	protein_co chr7	5879827	5886362	+	0.11	0.11
ENSG0000(7-Sep	protein_co chr7	35800932	35907105	+	116.21	118.04
ENSG0000(EEPD1	protein_co chr7	36153149	36301543	+	0.63	1.78
ENSG0000(KIAA0087	lincRNA chr7	26533121	26538788	-	0.05	0
ENSG0000(KLHL7	protein_co chr7	23105758	23177914	+	14.28	11.88
ENSG0000(HERPUD2	protein_co chr7	35632659	35695571	-	13.49	14.68
ENSG0000(CBX3	protein_co chr7	26201162	26213356	+	66.9	60.82
ENSG0000(HNRNPA2E	protein_co chr7	26189927	26201529	-	151.84	148.96
ENSG0000(WIPF3	protein_co chr7	29806486	29917066	+	0	0
ENSG0000(NXPH1	protein_co chr7	8433955	8752963	+	0	0
ENSG0000(NPY	protein_co chr7	24284163	24291865	+	0	0
ENSG0000(FAM126A	protein_co chr7	22889371	23014130	-	16.1	16.37
ENSG0000(HOXA7	protein_co chr7	27153716	27157936	-	0	0
ENSG0000(INHBA	protein_co chr7	41667168	41705834	-	24.33	28.75
ENSG0000(FKBP9	protein_co chr7	32957404	33006931	+	277.99	266.13
ENSG0000(NT5C3A	protein_co chr7	33014114	33062797	-	7.29	7.24
ENSG0000(ARL4A	protein_co chr7	12686856	12690934	+	2.5	4.04
ENSG0000(CCZ1	protein_co chr7	5898725	5926550	+	18.85	20.13
ENSG0000(POLM	protein_co chr7	44072247	44082540	-	9.44	8.7
ENSG0000(RAMP3	protein_co chr7	45157791	45186302	+	0	0
ENSG0000(MRM2	protein_co chr7	2234231	2242198	-	10.79	8.94
ENSG0000(TWIST1	protein_co chr7	19020991	19117672	-	22.2	23.22
ENSG0000(SMU1	protein_co chr9	33041764	33076659	-	5.85	6.84
ENSG0000(GLIPR2	protein_co chr9	36136536	36163913	+	18.48	23.33
ENSG0000(SLC25A51	protein_co chr9	37879400	37904353	-	7.37	7.57
ENSG0000(CLTA	protein_co chr9	36190856	36304781	+	147.81	151.37
ENSG0000(RECK	protein_co chr9	36036433	36124451	+	29.89	29.08
ENSG0000(SPINK4	protein_co chr9	33218365	33248567	+	0	0
ENSG0000(TAF1L	protein_co chr9	32629454	32635669	-	0.03	0
ENSG0000(ACO1	protein_co chr9	32384603	32454769	+	48.33	48.23
ENSG0000(PHF24	protein_co chr9	34957608	34982544	+	0.02	0.15
ENSG0000(DNAI1	protein_co chr9	34457414	34520989	+	0	0
ENSG0000(DCAF10	protein_co chr9	37800502	37867666	+	11.06	8.58

ENSG0000(CNTFR	protein_co chr9	34551432	34590140	-	0.06	0.1
ENSG0000(KIAA1549	protein_co chr7	1.39E+08	1.39E+08	-	2.05	2.32
ENSG0000(TRIM24	protein_co chr7	1.38E+08	1.39E+08	+	4.54	5.69
ENSG0000(C7orf49	protein_co chr7	1.35E+08	1.35E+08	-	15.97	13.94
ENSG0000(CALD1	protein_co chr7	1.35E+08	1.35E+08	+	188.65	186.63
ENSG0000(AKR1D1	protein_co chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(NUDT10	protein_co chrX	51332231	51337525	+	0.31	0.18
ENSG0000(SFTPA1	protein_co chr10	79610939	79615455	+	0	0
ENSG0000(NEUROG3	protein_co chr10	69571698	69573238	-	0	0
ENSG0000(PLAU	protein_co chr10	73909177	73917497	+	6.16	5.7
ENSG0000(SRGN	protein_co chr10	69088106	69104811	+	199.97	179.31
ENSG0000(CHST3	protein_co chr10	71964365	72013564	+	6.12	6.56
ENSG0000(BICC1	protein_co chr10	58513140	58831437	+	42.19	45.35
ENSG0000(ARL4AP1	processed_chr10	60684505	60685209	+	0	0
ENSG0000(CISD1	protein_co chr10	58269058	58289586	+	32.85	27.68
ENSG0000(EGR2	protein_co chr10	62811996	62919900	-	6.32	6.93
ENSG0000(ECD	protein_co chr10	73130155	73169055	-	10.08	10.34
ENSG0000(P4HA1	protein_co chr10	73007217	73096974	-	136.99	124.47
ENSG0000(SLC25A16	protein_co chr10	68477999	68527474	-	5.16	7.01
ENSG0000(ZWINT	protein_co chr10	56357228	56361275	-	2.65	1.37
ENSG0000(VPS26A	protein_co chr10	69123512	69172861	+	30.84	30.48
ENSG0000(RBM19	protein_co chr12	1.14E+08	1.14E+08	-	6.19	6.82
ENSG0000(CIT	protein_co chr12	1.2E+08	1.2E+08	-	1.02	0.73
ENSG0000(IFT81	protein_co chr12	1.1E+08	1.1E+08	+	5.36	3.38
ENSG0000(ACADS	protein_co chr12	1.21E+08	1.21E+08	+	7.23	7.35
ENSG0000(HVCN1	protein_co chr12	1.11E+08	1.11E+08	-	1.85	2.32
ENSG0000(NME2P1	processed_chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(DDX54	protein_co chr12	1.13E+08	1.13E+08	-	26.36	24.39
ENSG0000(MED13L	protein_co chr12	1.16E+08	1.16E+08	-	10.17	13.28
ENSG0000(CDKN2C	protein_co chr1	50960745	50974633	+	6.64	6.85
ENSG0000(RNF11	protein_co chr1	51236271	51273455	+	58.95	63.22
ENSG0000(RASSF8	protein_co chr12	25959029	26079892	+	29.87	28.52
ENSG0000(BHLHE41	protein_co chr12	26120026	26125127	-	14.7	17.04
ENSG0000(SSPN	protein_co chr12	26121991	26299290	+	8.03	9.89
ENSG0000(ITPR2	protein_co chr12	26336515	26833198	-	6.65	6.26
ENSG0000(CCDC91	protein_co chr12	28133249	28581511	+	12.88	10.73
ENSG0000(NECAB1	protein_co chr8	90791550	90959408	+	0	0
ENSG0000(WWP1	protein_co chr8	86342738	86478420	+	12.59	12.53
ENSG0000(ACOT9	protein_co chrX	23702253	23766475	-	18.13	17.2
ENSG0000(PRDX4	protein_co chrX	23664262	23686399	+	162.4	162.97
ENSG0000(DDX39A	protein_co chr19	14408819	14419383	-	14.22	15.95
ENSG0000(PKN1	protein_co chr19	14433053	14471867	+	50.01	49.01
ENSG0000(C19orf43	protein_co chr19	12730640	12734775	-	104.72	109.3
ENSG0000(ADGRE5	protein_co chr19	14380501	14408725	+	18.48	17.1
ENSG0000(WDR83	protein_co chr19	12666800	12675832	+	4.92	4.9

ENSG0000(GIPC1	protein_co chr19	14477760	14496149	-	48.47	50.79
ENSG0000(ACTRT1	protein_co chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(CCDC70	protein_co chr13	51861981	51866232	+	0	0
ENSG0000(SPRYD7	protein_co chr13	49912706	49936490	-	2.48	1.77
ENSG0000(EBPL	protein_co chr13	49660723	49691475	-	19.63	20.7
ENSG0000(ATP7B	protein_co chr13	51930436	52012125	-	0.97	1.39
ENSG0000(ZC3H13	protein_co chr13	45954465	46052759	-	10.85	11.21
ENSG0000(GUCY1B2	transcribec chr13	50994511	51080862	-	0.03	0
ENSG0000(NLN	protein_co chr5	65722196	65871725	+	5.2	6.02
ENSG0000(CENPK	protein_co chr5	65517766	65563171	-	0.9	0.57
ENSG0000(OPTN	protein_co chr10	13099449	13138308	+	94.86	93.83
ENSG0000(ITIH5	protein_co chr10	7559270	7666998	-	0.19	0.17
ENSG0000(ATF1	protein_co chr12	50763710	50821122	+	22.44	21.03
ENSG0000(TSFM	protein_co chr12	57782589	57808071	+	20.73	18.33
ENSG0000(NEUROD4	protein_co chr12	55019945	55030014	+	0	0
ENSG0000(ARHGAP9	protein_co chr12	57472255	57488814	-	0.13	0.22
ENSG0000(NCKAP1L	protein_co chr12	54497711	54548238	+	0.3	0.02
ENSG0000(MMP19	protein_co chr12	55835433	55842966	-	16.39	16.39
ENSG0000(PFDN5	protein_co chr12	53295291	53299450	+	408.33	400.12
ENSG0000(SPATS2	protein_co chr12	49366584	49527424	+	20.8	20.44
ENSG0000(ORMDL2	protein_co chr12	55817919	55821879	+	16.77	17.76
ENSG0000(NR4A1	protein_co chr12	52022832	52059507	+	3.17	3.39
ENSG0000(PDE1B	protein_co chr12	54549350	54579239	+	0.08	0.03
ENSG0000(HOXC13	protein_co chr12	53938765	53946544	+	0	0
ENSG0000(CDK2	protein_co chr12	55966769	55972784	+	15.29	12.51
ENSG0000(LRP1	protein_co chr12	57128493	57213351	+	359.13	365.82
ENSG0000(HOXC11	protein_co chr12	53973126	53977643	+	0	0
ENSG0000(ATG101	protein_co chr12	52069246	52077494	+	21.09	20.89
ENSG0000(NFE2	protein_co chr12	54292111	54301121	-	4.77	4.14
ENSG0000(HOXC12	protein_co chr12	53954834	53958956	+	0	0
ENSG0000(IKZF4	protein_co chr12	56007659	56038435	+	3.75	4.05
ENSG0000(SMUG1	protein_co chr12	54121277	54189008	-	10.48	12.92
ENSG0000(TUBA1B	protein_co chr12	49127782	49131397	-	164.16	159.98
ENSG0000(METTL21B	protein_co chr12	57771492	57782541	+	5.43	4.77
ENSG0000(KBTBD4	protein_co chr11	47572197	47579015	-	7.58	7.81
ENSG0000(TYRL	unprocessε chr11	49405091	49415789	-	0	0
ENSG0000(SARDH	protein_co chr9	1.34E+08	1.34E+08	-	0.89	1.22
ENSG0000(DBH	protein_co chr9	1.34E+08	1.34E+08	+	0	0
ENSG0000(ATPAF1	protein_co chr1	46632737	46673867	-	19.47	18.2
ENSG0000(STIL	protein_co chr1	47250139	47314147	-	0.73	0.81
ENSG0000(HJURP	protein_co chr2	2.34E+08	2.34E+08	-	0.65	0.46
ENSG0000(IL13RA2	protein_co chrX	1.15E+08	1.15E+08	-	0.38	0
ENSG0000(COL10A1	protein_co chr6	1.16E+08	1.16E+08	-	0.11	1.65
ENSG0000(AMD1	protein_co chr6	1.11E+08	1.11E+08	+	10.97	11.41
ENSG0000(NDUFAF4	protein_co chr6	96889313	96897881	-	6.06	4.91

ENSG0000(USP45	protein_co chr6	99432379	99521728 -	6.31	6.34
ENSG0000(PLP1	protein_co chrX	1.04E+08	1.04E+08 +	0.92	0.75
ENSG0000(SERPINA7	protein_co chrX	1.06E+08	1.06E+08 -	0	0
ENSG0000(MORF4L2	protein_co chrX	1.04E+08	1.04E+08 -	182.42	183.71
ENSG0000(H2BFWT	protein_co chrX	1.04E+08	1.04E+08 -	0	0
ENSG0000(RAB9B	protein_co chrX	1.04E+08	1.04E+08 -	0.56	0.58
ENSG0000(NRK	protein_co chrX	1.06E+08	1.06E+08 +	0	0
ENSG0000(FAM199X	protein_co chrX	1.04E+08	1.04E+08 +	3.39	3.29
ENSG0000(ESX1	protein_co chrX	1.04E+08	1.04E+08 -	0	0
ENSG0000(MAGEA9	protein_co chrX	1.5E+08	1.5E+08 +	0	0
ENSG0000(ATXN3L	protein_co chrX	13318236	13320399 -	0	0
ENSG0000(RAB9A	protein_co chrX	13689125	13710506 +	16.89	16.31
ENSG0000(METTL8	protein_co chr2	1.71E+08	1.71E+08 -	7.97	6.41
ENSG0000(TTC21B	protein_co chr2	1.66E+08	1.66E+08 -	3.38	2.69
ENSG0000(NMI	protein_co chr2	1.51E+08	1.51E+08 -	9.18	8.02
ENSG0000(TNFAIP6	protein_co chr2	1.51E+08	1.51E+08 +	39.01	42.55
ENSG0000(ACVR1C	protein_co chr2	1.58E+08	1.58E+08 -	0.01	0
ENSG0000(BAZ2B	protein_co chr2	1.59E+08	1.6E+08 -	16.84	13.96
ENSG0000(SLC36A1	protein_co chr5	1.51E+08	1.51E+08 +	6.67	6.23
ENSG0000(LPGAT1	protein_co chr1	2.12E+08	2.12E+08 -	6.11	6.61
ENSG0000(BATF3	protein_co chr1	2.13E+08	2.13E+08 -	0.5	0.25
ENSG0000(GOS2	protein_co chr1	2.1E+08	2.1E+08 +	158.3	117.78
ENSG0000(KCNJ2	protein_co chr17	70168673	70180048 +	0.03	0.01
ENSG0000(RAP2C	protein_co chrX	1.32E+08	1.32E+08 -	6.93	8.65
ENSG0000(EXOSC9	protein_co chr4	1.22E+08	1.22E+08 +	9.92	9.6
ENSG0000(PLA2G12A	protein_co chr4	1.1E+08	1.1E+08 -	16.78	16.63
ENSG0000(B9D2	protein_co chr19	41354421	41364173 -	3.9	4.76
ENSG0000(COQ8B	protein_co chr19	40691529	40718207 -	13.91	11.69
ENSG0000(PFKFB2	protein_co chr1	2.07E+08	2.07E+08 +	0.85	1.42
ENSG0000(C4BPA	protein_co chr1	2.07E+08	2.07E+08 +	0	0
ENSG0000(C4BPB	protein_co chr1	2.07E+08	2.07E+08 +	0	0
ENSG0000(ZNF137P	transcribec chr19	52588505	52597345 +	1.26	0.96
ENSG0000(RAB38	protein_co chr11	88113242	88175467 -	0.27	0.33
ENSG0000(GPR83	protein_co chr11	94377311	94401419 -	0.02	0
ENSG0000(AGO2	protein_co chr8	1.41E+08	1.41E+08 -	4.11	5.78
ENSG0000(MXD4	protein_co chr4	2247432	2262294 -	39.18	40.93
ENSG0000(PMS2P5	unprocessε chr7	74894116	74897835 +	0.66	1.31
ENSG0000(CKS2	protein_co chr9	89311198	89316703 +	8.57	10.79
ENSG0000(DAW1	protein_co chr2	2.28E+08	2.28E+08 +	4.68	4.26
ENSG0000(ACSL3	protein_co chr2	2.23E+08	2.23E+08 +	26.97	31.56
ENSG0000(CHPF	protein_co chr2	2.2E+08	2.2E+08 -	46.15	51.5
ENSG0000(DNPEP	protein_co chr2	2.19E+08	2.19E+08 -	41.12	34.78
ENSG0000(INHA	protein_co chr2	2.2E+08	2.2E+08 +	1.06	1.26
ENSG0000(MOGAT1	protein_co chr2	2.23E+08	2.23E+08 +	0	0
ENSG0000(OBSL1	protein_co chr2	2.2E+08	2.2E+08 -	32.27	33.23

ENSG0000(FAM124B	protein_co chr2	2.24E+08	2.24E+08	-	0	0
ENSG0000(SLC12A4	protein_co chr16	67943474	67969601	-	31.65	31.34
ENSG0000(ENKD1	protein_co chr16	67662945	67667265	-	11.14	13.23
ENSG0000(MC3R	protein_co chr20	56248732	56249815	+	0	0
ENSG0000(GCNT7	protein_co chr20	56491492	56525925	-	0	0
ENSG0000(CTCF	protein_co chr20	57495966	57525652	-	0	0
ENSG0000(HMGB1P1	processed_chr20	57488392	57489027	-	0.22	0.24
ENSG0000(FAM210B	protein_co chr20	56358915	56368663	+	31.81	33.64
ENSG0000(PI3	protein_co chr20	45174876	45176544	+	0.86	1.21
ENSG0000(FAM209A	protein_co chr20	56517187	56526142	+	0.14	0
ENSG0000(SNX21	protein_co chr20	45833810	45843275	+	39.05	39.08
ENSG0000(SLPI	protein_co chr20	45252239	45254564	-	5.51	8.12
ENSG0000(WFDC3	protein_co chr20	45747944	45791932	-	12.96	12.96
ENSG0000(TTPAL	protein_co chr20	44475886	44494603	+	6.81	6.14
ENSG0000(PREX1	protein_co chr20	48624252	48827883	-	2.17	2.67
ENSG0000(KCNS1	protein_co chr20	45092310	45101112	-	0.57	0.65
ENSG0000(SLC12A5	protein_co chr20	46021690	46060152	+	1.98	0.75
ENSG0000(ARHGAP40	protein_co chr20	38601934	38651035	+	0.06	0
ENSG0000(SDC4	protein_co chr20	45325288	45348424	-	69.25	70.51
ENSG0000(NCOA3	protein_co chr20	47501902	47656877	+	14.51	14.82
ENSG0000(PIGT	protein_co chr20	45416067	45456934	+	205.3	207.54
ENSG0000(SEMG2	protein_co chr20	45221300	45224458	+	0	0
ENSG0000(MATN4	protein_co chr20	45293445	45308529	-	0.03	0.18
ENSG0000(NCOA5	protein_co chr20	46060985	46089952	-	8.88	10.93
ENSG0000(VAPB	protein_co chr20	58389122	58451101	+	19.66	20.85
ENSG0000(PARD6B	protein_co chr20	50731544	50756795	+	0.27	0.15
ENSG0000(ATP5E	protein_co chr20	59025467	59032382	-	52.05	44.85
ENSG0000(CHD6	protein_co chr20	41402101	41618494	-	8.6	8.56
ENSG0000(PLCG1	protein_co chr20	41136960	41196801	+	27.49	26.83
ENSG0000(TOX2	protein_co chr20	43914864	44069616	+	8.59	8.24
ENSG0000(SRSF6	protein_co chr20	43457928	43464247	+	49.52	50.06
ENSG0000(GDAP1L1	protein_co chr20	44247099	44280917	+	0	0
ENSG0000(GTSF1L	protein_co chr20	43726164	43726998	-	0	0
ENSG0000(ARFGEF2	protein_co chr20	48921890	49036693	+	10.38	9.34
ENSG0000(ZNFX1	protein_co chr20	49237946	49278426	-	15.19	15.16
ENSG0000(ZNF831	protein_co chr20	59123381	59259113	+	0	0
ENSG0000(EDN3	protein_co chr20	59300427	59325992	+	0	0
ENSG0000(CSE1L	protein_co chr20	49046246	49096960	+	11.27	12.02
ENSG0000(TMEM189	protein_co chr20	50081124	50153637	-	2.81	3.49
ENSG0000(RAB22A	protein_co chr20	58309696	58367507	+	6.28	5.83
ENSG0000(PTGIS	protein_co chr20	49503874	49568146	-	432.82	411.63
ENSG0000(STAU1	protein_co chr20	49113339	49188367	-	33.76	31.84
ENSG0000(CDH26	protein_co chr20	59958427	60034011	+	0.08	0.13
ENSG0000(SNAI1	protein_co chr20	49982999	49988886	+	2.85	2.66
ENSG0000(MOCS3	protein_co chr20	50958826	50963931	+	1.87	1.95

ENSG00000108110	STX16	protein_co chr20	58651253	58679526	+	27.1	24.94
ENSG00000108111	PPP4R1L	transcribec chr20	58228940	58309439	-	4.01	4.05
ENSG00000108112	PMEPA1	protein_co chr20	57648392	57711536	-	8.23	7.53
ENSG00000108113	RNF114	protein_co chr20	49936336	49953892	+	24.51	24.31
ENSG00000108114	ANKRD60	protein_co chr20	58218495	58228653	-	0	0
ENSG00000108115	DDX27	protein_co chr20	49219295	49244077	+	15.1	13.92
ENSG00000108116	RBPJL	protein_co chr20	45306851	45317824	+	0	0
ENSG00000108117	SEMG1	protein_co chr20	45206997	45209772	+	0	0
ENSG00000108118	C20orf85	protein_co chr20	58150904	58161150	+	0	0
ENSG00000108119	BCAS4	protein_co chr20	50794894	50882676	+	6.91	5.29
ENSG00000108120	KCNK15	protein_co chr20	44745780	44752313	+	5.87	6.64
ENSG00000108121	TP53TG5	protein_co chr20	45372563	45407889	-	0	0
ENSG00000108122	PCK1	protein_co chr20	57561080	57568112	+	0	0
ENSG00000108123	ZBP1	protein_co chr20	57603846	57620576	-	0	0
ENSG00000108124	NEURL2	protein_co chr20	45888625	45891287	-	2.99	2.83
ENSG00000108125	MAGEA10	protein_co chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000108126	MTRR	protein_co chr5	7851186	7906025	+	18.57	17.34
ENSG00000108127	FASTKD3	protein_co chr5	7859159	7869037	-	4.35	3.84
ENSG00000108128	PEPD	protein_co chr19	33386950	33521794	-	52.35	56.69
ENSG00000108129	CHST8	protein_co chr19	33621955	33773509	+	0	0
ENSG00000108130	IQSEC2	protein_co chrX	53225828	53321328	-	9.49	9.41
ENSG00000108131	VAMP7	protein_co chrX	1.56E+08	1.56E+08	+	7.34	8.54
ENSG00000108132	VAMP7	protein_co chrY	57067813	57130289	+	7.34	8.54
ENSG00000108133	IL9R	protein_co chrX	1.56E+08	1.56E+08	+	0.01	0
ENSG00000108134	IL9R	protein_co chrY	57184101	57197337	+	0.01	0
ENSG00000108135	XG	protein_co chrX	2752050	2815927	+	5.73	6.01
ENSG00000108136	STAMBIP	protein_co chr2	73828916	73873659	+	17.08	14.11
ENSG00000108137	NAGK	protein_co chr2	71064344	71079805	+	73.54	64.48
ENSG00000108138	MCEE	protein_co chr2	71109684	71130239	-	8.38	6.53
ENSG00000108139	PAIP2B	protein_co chr2	71182739	71227083	-	0.23	0.3
ENSG00000108140	SNRNP27	protein_co chr2	69893560	69905575	+	18.17	18.62
ENSG00000108141	MPHOSPH8	protein_co chr2	71130314	71150101	+	7.89	8.31
ENSG00000108142	IL17C	protein_co chr16	88638591	88640473	+	0.06	0.06
ENSG00000108143	NDUFB4P1	processed_chr4	43898962	43899351	+	0	0
ENSG00000108144	ATP8A1	protein_co chr4	42408373	42657105	-	1.35	1.27
ENSG00000108145	USP22	protein_co chr17	20999593	21043760	-	52.04	51.28
ENSG00000108146	POF1B	protein_co chrX	85277396	85379743	-	0	0
ENSG00000108147	HIF3A	protein_co chr19	46297046	46343433	+	2.9	2.04
ENSG00000108148	ZNF576	protein_co chr19	43596392	43601157	+	6.14	5.56
ENSG00000108149	IRGC	protein_co chr19	43716010	43720021	+	0	0
ENSG00000108150	ZNF45	protein_co chr19	43912629	43935278	-	5.43	5.22
ENSG00000108151	LYPD3	protein_co chr19	43460787	43465660	-	0.83	0.92
ENSG00000108152	PSG8	protein_co chr19	42752686	42855691	-	0	0
ENSG00000108153	CEACAM8	protein_co chr19	42580241	42595055	-	0.05	0.04
ENSG00000108154	NDP	protein_co chrX	43948776	43973504	-	0	0

ENSG0000(USP9X	protein_co chrX	41085635	41236579	+	20.38	21.34
ENSG0000(CRISP2	protein_co chr6	49692358	49713590	-	0	0
ENSG0000(F13A1	protein_co chr6	6144085	6321013	-	0	0
ENSG0000(GRM4	protein_co chr6	34018645	34155622	-	0	0.01
ENSG0000(TRERF1	protein_co chr6	42224931	42452051	-	4.67	4.58
ENSG0000(PACSIN1	protein_co chr6	34466061	34535231	+	0.11	0.04
ENSG0000(BTN2A2	protein_co chr6	26383096	26394874	+	7.57	6.99
ENSG0000(SIRT5	protein_co chr6	13574529	13615158	+	5.09	5.58
ENSG0000(MRS2	protein_co chr6	24402908	24426194	+	5.44	6.4
ENSG0000(WRNIP1	protein_co chr6	2765414	2786952	+	17.43	17.82
ENSG0000(RRP36	protein_co chr6	43021645	43034156	+	18.51	19.01
ENSG0000(BTN2A3P	transcribec chr6	26421391	26432383	+	3.75	3.37
ENSG0000(BTN1A1	protein_co chr6	26501221	26510422	+	0	0
ENSG0000(SNRPC	protein_co chr6	34757406	34773794	+	51.31	52.51
ENSG0000(SLC17A3	protein_co chr6	25833066	25882286	-	0	0
ENSG0000(SLC17A1	protein_co chr6	25782897	25832059	-	0	0
ENSG0000(SERPINB6	protein_co chr6	2948159	2972165	-	56.24	56.41
ENSG0000(XPO5	protein_co chr6	43522330	43576075	-	13.92	7.16
ENSG0000(ABCC10	protein_co chr6	43427366	43450430	+	17.05	15.74
ENSG0000(HIST1H1D	protein_co chr6	26234268	26234933	-	0	0
ENSG0000(PEX6	protein_co chr6	42963870	42979220	-	5.91	7.02
ENSG0000(NQO2	protein_co chr6	2987987	3028869	+	33.34	34.19
ENSG0000(RP11-298J	protein_co chr6	41780349	41790141	+	4.41	5.02
ENSG0000(OARD1	protein_co chr6	41033627	41097787	-	12.84	10.19
ENSG0000(UNC5CL	protein_co chr6	41026911	41039217	-	0.05	0.08
ENSG0000(AARS2	protein_co chr6	44299654	44313326	-	3.78	3.85
ENSG0000(HIST1H1A	protein_co chr6	26017085	26017732	-	0	0
ENSG0000(ZNF391	protein_co chr6	27374615	27403904	+	0.9	0.95
ENSG0000(RPS10	protein_co chr6	34417454	34426125	-	744.52	740.02
ENSG0000(MOCS1	protein_co chr6	39899578	39934551	-	5.74	5.42
ENSG0000(HIST1H2BJ	protein_co chr6	27125897	27132750	-	0.59	0.48
ENSG0000(MED20	protein_co chr6	41905354	41921139	-	9.45	9.87
ENSG0000(OR2B6	protein_co chr6	27957241	27958182	+	0	0
ENSG0000(TBCC	protein_co chr6	42744481	42746096	-	11.72	10.73
ENSG0000(SPDEF	protein_co chr6	34537802	34556333	-	0	0.03
ENSG0000(TCP11	protein_co chr6	35118071	35148610	-	0.2	0.25
ENSG0000(MAD2L1BP	protein_co chr6	43629540	43640952	+	10.73	13.05
ENSG0000(APOBEC2	protein_co chr6	41053304	41064511	+	0	0
ENSG0000(KLHDC3	protein_co chr6	43014103	43021298	+	32.33	32.63
ENSG0000(GNMT	protein_co chr6	42960758	42963880	+	0.22	0.37
ENSG0000(DNAH8	protein_co chr6	38715341	39030529	+	0	0
ENSG0000(TREM1	protein_co chr6	41267926	41286719	-	2.38	2.62
ENSG0000(MEA1	protein_co chr6	43012094	43013968	-	50.05	49.67
ENSG0000(KLHL31	protein_co chr6	53647901	53665708	-	0	0.01
ENSG0000(COL21A1	protein_co chr6	56056590	56394094	-	0.44	0.05

ENSG0000(CDKN1A	protein_co chr6	36676460	36687339 +	469.19	493.58
ENSG0000(SOX4	protein_co chr6	21592768	21598619 +	15.1	17.57
ENSG0000(GLO1	protein_co chr6	38675925	38703141 -	31.19	34.38
ENSG0000(CPNE5	protein_co chr6	36740775	36840002 -	0.18	0.08
ENSG0000(KCNK17	protein_co chr6	39299001	39314553 -	0	0
ENSG0000(RREB1	protein_co chr6	7107597	7251980 +	4.38	4.95
ENSG0000(SSR1	protein_co chr6	7268306	7347446 -	63.88	60.74
ENSG0000(RIOK1	protein_co chr6	7389496	7418037 +	5.16	4.96
ENSG0000(NRN1	protein_co chr6	5997999	6007605 -	0	0
ENSG0000(SLC35B3	protein_co chr6	8413068	8435483 -	9.78	9.76
ENSG0000(RPP40	protein_co chr6	4994732	5004063 -	1.54	2.85
ENSG0000(ATXN1	protein_co chr6	16299112	16761491 -	10.66	11.48
ENSG0000(NUP153	protein_co chr6	17615035	17706834 -	8.59	8.41
ENSG0000(DEK	protein_co chr6	18223868	18264823 -	29.29	33.67
ENSG0000(EEF1E1	protein_co chr6	8073360	8102578 -	10.11	10.78
ENSG0000(CRISP1	protein_co chr6	49834257	49877096 -	0	0
ENSG0000(RUNX2	protein_co chr6	45328157	45664349 +	7.14	7.76
ENSG0000(OPN5	protein_co chr6	47781982	47832780 +	0	0
ENSG0000(GCM2	protein_co chr6	10873223	10881941 -	0	0
ENSG0000(LRRFIP1	protein_co chr2	2.38E+08	2.38E+08 +	44.51	37.5
ENSG0000(AC105760.	antisense chr2	2.37E+08	2.37E+08 -	0	0
ENSG0000(RAB17	protein_co chr2	2.38E+08	2.38E+08 -	0.1	0.08
ENSG0000(CXCL6	protein_co chr4	73836497	73849064 +	104.11	66.9
ENSG0000(EREG	protein_co chr4	74365143	74388751 +	0.07	0.11
ENSG0000(TRIM51	protein_co chr11	55883297	55891810 +	0	0
ENSG0000(DKFZP434k	lincRNA chr11	61746493	61757655 -	0	0
ENSG0000(MYRF	protein_co chr11	61752642	61788518 +	0.56	0.57
ENSG0000(SCGB1D2	protein_co chr11	62242210	62244808 +	0	0
ENSG0000(SCGB2A1	protein_co chr11	62208668	62213939 +	0	0
ENSG0000(AHNAK	protein_co chr11	62433542	62556235 -	196.27	207.76
ENSG0000(EMC3	protein_co chr3	9962537	10011116 -	67.5	61.91
ENSG0000(SSUH2	protein_co chr3	8619400	8745040 -	0.26	0
ENSG0000(WNT1	protein_co chr12	48978453	48981676 +	0	0
ENSG0000(SH3TC1	protein_co chr4	8182072	8241803 +	0.44	0.54
ENSG0000(CNOT1	protein_co chr16	58519951	58629886 -	42.73	40.44
ENSG0000(LRRC29	protein_co chr16	67207139	67227048 -	2.51	2.38
ENSG0000(BBS2	protein_co chr16	56466836	56520283 -	17.45	19.64
ENSG0000(MT1G	protein_co chr16	56666731	56668065 -	0.69	0
ENSG0000(MT2A	protein_co chr16	56608199	56609497 +	105.53	88.21
ENSG0000(C16orf70	protein_co chr16	67109958	67148539 +	7.47	7.1
ENSG0000(GOT2	protein_co chr16	58707131	58734357 -	17.63	16.12
ENSG0000(DOK4	protein_co chr16	57471922	57487327 -	24.7	28.9
ENSG0000(PIWIL1	protein_co chr12	1.3E+08	1.3E+08 +	0	0.04
ENSG0000(GPR18	protein_co chr13	99254714	99261744 -	0	0
ENSG0000(CLYBL	protein_co chr13	99606669	99897134 +	0.32	0.63

ENSG0000(TMTC4	protein_co chr13	1.01E+08	1.01E+08	-	14.44	11.53
ENSG0000(RAP2A	protein_co chr13	97434222	97469128	+	7.3	6.91
ENSG0000(SLC10A2	protein_co chr13	1.03E+08	1.03E+08	-	0	0
ENSG0000(ABCC4	protein_co chr13	95019829	95301446	-	7.85	7.43
ENSG0000(EFNB2	protein_co chr13	1.06E+08	1.07E+08	-	0.36	0.41
ENSG0000(SOX21	protein_co chr13	94709622	94712399	-	0	0
ENSG0000(TM9SF2	protein_co chr13	99501417	99564006	+	54.83	52.11
ENSG0000(C17orf53	protein_co chr17	44141906	44162476	+	0.38	0.33
ENSG0000(KIF25	protein_co chr6	1.68E+08	1.68E+08	+	0	0.25
ENSG0000(IRF1	protein_co chr5	1.32E+08	1.32E+08	-	9.75	9.63
ENSG0000(UPF3B	protein_co chrX	1.2E+08	1.2E+08	-	4.27	5.05
ENSG0000(RNF113A	protein_co chrX	1.2E+08	1.2E+08	-	8.03	6.76
ENSG0000(6-Sep	protein_co chrX	1.2E+08	1.2E+08	-	19.94	17.81
ENSG0000(TMEM255	protein_co chrX	1.2E+08	1.2E+08	-	0.06	0.1
ENSG0000(NDUFA1	protein_co chrX	1.2E+08	1.2E+08	+	68.62	68.34
ENSG0000(AMELX	protein_co chrX	11293413	11300761	+	0	0
ENSG0000(ATP5S	protein_co chr14	50312326	50335558	+	4.53	4.62
ENSG0000(BMP4	protein_co chr14	53949736	53958761	-	2.62	1.5
ENSG0000(PTGER2	protein_co chr14	52314305	52328606	+	0.51	0.91
ENSG0000(RP11-297B	processed_chr9	37046835	37047237	+	0	0
ENSG0000(FAM193A	protein_co chr4	2536631	2732565	+	6.57	7.07
ENSG0000(GRK4	protein_co chr4	2963608	3040747	+	2.08	1.72
ENSG0000(SOX9	protein_co chr17	72121020	72126420	+	6.44	7.85
ENSG0000(TEKT3	protein_co chr17	15303811	15341641	-	0.24	0.17
ENSG0000(MYH2	protein_co chr17	10521148	10549957	-	0	0
ENSG0000(HS3ST3B1	protein_co chr17	14301083	14349404	+	0.24	0.27
ENSG0000(SLC25A35	protein_co chr17	8287763	8295343	-	2.45	2.91
ENSG0000(MRPS7	protein_co chr17	75261674	75266373	+	24.78	25
ENSG0000(GGA3	protein_co chr17	75236599	75262363	-	17.04	16.84
ENSG0000(ARMC7	protein_co chr17	75109952	75130265	+	5.63	5.48
ENSG0000(NUP85	protein_co chr17	75205659	75235758	+	12.36	11.9
ENSG0000(SLC25A19	protein_co chr17	75272981	75289510	-	4.07	3.14
ENSG0000(MIF4GD	protein_co chr17	75266228	75271227	-	6.43	7.82
ENSG0000(NT5C	protein_co chr17	75130225	75131795	-	23.58	25.62
ENSG0000(MSTO1	protein_co chr1	1.56E+08	1.56E+08	+	13.09	11.68
ENSG0000(C1orf61	protein_co chr1	1.56E+08	1.56E+08	-	0.17	0.09
ENSG0000(TTF1	protein_co chr9	1.32E+08	1.32E+08	-	3.84	3.71
ENSG0000(GTF3C4	protein_co chr9	1.33E+08	1.33E+08	+	5.26	5.61
ENSG0000(DDX31	protein_co chr9	1.33E+08	1.33E+08	-	3.8	3.93
ENSG0000(BARHL1	protein_co chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(KIR2DL1	protein_co chr19	54769811	54784322	+	0	0
ENSG0000(PPP1R12C	protein_co chr19	55090913	55117559	-	39.23	38.39
ENSG0000(MBOAT7	protein_co chr19	54173412	54189882	-	61.32	52.7
ENSG0000(SRMS	protein_co chr20	63540810	63547504	-	0.04	0
ENSG0000(OPRL1	protein_co chr20	64080173	64100643	+	0.76	1.19

ENSG0000(LINC00029	lincRNA	chr20	63034217	63037028	-	0	0
ENSG0000(SLC2A4RG	protein_co	chr20	63739861	63743505	+	66.05	60.62
ENSG0000(NPBWR2	protein_co	chr20	64105820	64107171	-	0	0
ENSG0000(FNDC11	protein_co	chr20	63547891	63556708	+	0.35	0.45
ENSG0000(BHLHE23	protein_co	chr20	63005927	63007035	-	0	0
ENSG0000(PPDPF	protein_co	chr20	63520724	63522206	+	192.78	190.53
ENSG0000(IL1B	protein_co	chr2	1.13E+08	1.13E+08	-	51.45	43.71
ENSG0000(PLGLB2	protein_co	chr2	87748087	87758793	+	0.38	0.6
ENSG0000(IL37	protein_co	chr2	1.13E+08	1.13E+08	+	0.08	0
ENSG0000(CHCHD5	protein_co	chr2	1.13E+08	1.13E+08	+	16.97	15.6
ENSG0000(PAX8	protein_co	chr2	1.13E+08	1.13E+08	-	0.66	0.76
ENSG0000(INSIG2	protein_co	chr2	1.18E+08	1.18E+08	+	8.84	10.99
ENSG0000(POLR1B	protein_co	chr2	1.13E+08	1.13E+08	+	6.23	6.16
ENSG0000(HTR5BP	transcribed	chr2	1.18E+08	1.18E+08	+	0	0
ENSG0000(CCDC93	protein_co	chr2	1.18E+08	1.18E+08	-	14.93	15.98
ENSG0000(PSD4	protein_co	chr2	1.13E+08	1.13E+08	+	0.78	1.43
ENSG0000(SLC25A23	protein_co	chr19	6436079	6465203	-	21.83	21.34
ENSG0000(PSPN	protein_co	chr19	6375148	6379058	-	0.57	0.59
ENSG0000(GTF2F1	protein_co	chr19	6379569	6393981	-	27.88	31.67
ENSG0000(ALKBH7	protein_co	chr19	6372433	6375251	+	29.08	31.05
ENSG0000(CLPP	protein_co	chr19	6361452	6368908	+	29.78	29.43
ENSG0000(TNFSF9	protein_co	chr19	6530999	6535928	+	3.88	4.42
ENSG0000(GRIA3	protein_co	chrX	1.23E+08	1.23E+08	+	2.8	2.34
ENSG0000(THOC2	protein_co	chrX	1.24E+08	1.24E+08	-	22.41	23.21
ENSG0000(MED1	protein_co	chr17	39404285	39451286	-	12.55	13.38
ENSG0000(RPL23	protein_co	chr17	38847865	38853843	-	1161.07	1177.56
ENSG0000(RP11-51F1	protein_co	chr17	63702845	63752097	-	0	0
ENSG0000(ATG4C	protein_co	chr1	62784135	62865513	+	4.23	3.87
ENSG0000(CD70	protein_co	chr19	6583183	6604103	-	0.14	0.15
ENSG0000(C3	protein_co	chr19	6677704	6730562	-	1008.65	941.6
ENSG0000(SH2D3A	protein_co	chr19	6752160	6767588	-	0.11	0.18
ENSG0000(TRIP10	protein_co	chr19	6737925	6751526	+	30.99	30.11
ENSG0000(GPR108	protein_co	chr19	6729914	6737603	-	34.63	36.82
ENSG0000(TNFSF14	protein_co	chr19	6661253	6670588	-	1.85	1.47
ENSG0000(FOSB	protein_co	chr19	45467995	45475179	+	0.6	0.21
ENSG0000(OPA3	protein_co	chr19	45527427	45602212	-	5.37	5.61
ENSG0000(SNRPD2	protein_co	chr19	45687454	45692569	-	120.44	118.78
ENSG0000(RTN2	protein_co	chr19	45485289	45497061	-	11.72	14.1
ENSG0000(EML2	protein_co	chr19	45606994	45645629	-	11	11.9
ENSG0000(VASP	protein_co	chr19	45506579	45526983	+	28.52	32.49
ENSG0000(SYMPK	protein_co	chr19	45815410	45863290	-	13.36	15.96
ENSG0000(GPCPD1	protein_co	chr20	5544404	5611026	-	8.27	5.28
ENSG0000(SDCBP2	protein_co	chr20	1309909	1329239	-	1.18	1.01
ENSG0000(PANK2	protein_co	chr20	3888839	3929882	+	15.77	14.85
ENSG0000(TGM3	protein_co	chr20	2296001	2341078	+	0	0

ENSG0000(GNRH2	protein_co chr20	3043622	3045747	+	0.09	0
ENSG0000(DEFB126	protein_co chr20	142369	145751	+	0	0
ENSG0000(FOXA2	protein_co chr20	22581005	22585455	-	0	0
ENSG0000(FAM182A	processed_chr20	26054655	26086917	+	0.08	0.18
ENSG0000(CD93	protein_co chr20	23079349	23086340	-	0	0.01
ENSG0000(GZF1	protein_co chr20	23362182	23373063	+	4.03	5.93
ENSG0000(PAX1	protein_co chr20	21705659	21718486	+	0	0
ENSG0000(NAPB	protein_co chr20	23374519	23421519	-	3.82	3.9
ENSG0000(CST8	protein_co chr20	23491101	23496018	+	0	0
ENSG0000(NKX2-4	protein_co chr20	21395367	21398028	-	0	0
ENSG0000(CENPB	protein_co chr20	3783851	3786690	-	28.85	31.07
ENSG0000(PSMF1	protein_co chr20	1113263	1189415	+	50.61	51.43
ENSG0000(NKX2-2	protein_co chr20	21511010	21514026	-	0	0
ENSG0000(DTD1	protein_co chr20	18567453	18763917	+	27.55	27.87
ENSG0000(CSTL1	protein_co chr20	23439685	23444930	+	0	0.18
ENSG0000(RBCK1	protein_co chr20	407498	430966	+	46.43	47.03
ENSG0000(TMX4	protein_co chr20	7977348	8019829	-	52.09	52.7
ENSG0000(CST11	protein_co chr20	23450403	23452857	-	0	0
ENSG0000(STK35	protein_co chr20	2101611	2177038	+	4.16	4.19
ENSG0000(SNRPB	protein_co chr20	2461634	2470853	-	57.32	55.85
ENSG0000(NRSN2	protein_co chr20	346782	359660	+	35.24	32.68
ENSG0000(AP5S1	protein_co chr20	3820524	3828837	+	7.21	6.23
ENSG0000(RRBP1	protein_co chr20	17613678	17682295	-	62.89	65.95
ENSG0000(BMP2	protein_co chr20	6767664	6780280	+	7.2	7.23
ENSG0000(ZNF133	protein_co chr20	18288283	18316996	+	6.9	6.36
ENSG0000(FLRT3	protein_co chr20	14322988	14337616	-	0.55	0.44
ENSG0000(OVOL2	protein_co chr20	17956979	18059188	-	0	0
ENSG0000(PCSK2	protein_co chr20	17226107	17484578	+	0.02	0
ENSG0000(GFRA4	protein_co chr20	3659292	3663399	-	0	0
ENSG0000(MKKS	protein_co chr20	10401009	10434222	-	11.55	30.65
ENSG0000(BFSP1	protein_co chr20	17493905	17569220	-	1.08	1.94
ENSG0000(DSTN	protein_co chr20	17569863	17609919	+	272.1	287.32
ENSG0000(LAMP5	protein_co chr20	9514358	9530524	+	0	0
ENSG0000(SNRPB2	protein_co chr20	16729961	16742563	+	23.18	21.39
ENSG0000(MGME1	protein_co chr20	17968913	17991122	+	4.65	4.6
ENSG0000(LRRN4	protein_co chr20	6040778	6054049	-	0.18	0.11
ENSG0000(TBC1D20	protein_co chr20	435480	462553	-	25.46	27.25
ENSG0000(ITPA	protein_co chr20	3208868	3223870	+	22.47	18.03
ENSG0000(TCF15	protein_co chr20	603797	610398	-	0	0.04
ENSG0000(OTOR	protein_co chr20	16748358	16770062	+	0	0
ENSG0000(MCM8	protein_co chr20	5950652	5998977	+	1.11	0.87
ENSG0000(BANF2	protein_co chr20	17693672	17735871	+	0	0
ENSG0000(TMEM74B	protein_co chr20	1180561	1185415	-	0.19	0.32
ENSG0000(FAM110A	protein_co chr20	833715	857463	+	1.66	1.37
ENSG0000(C20orf187	lincRNA chr20	11027760	11029366	+	0	0

ENSG0000(SIRPD	protein_co chr20	1534251	1558843 -	0	0
ENSG0000(MRPS26	protein_co chr20	3045945	3048254 +	14.93	16.2
ENSG0000(DEFB129	protein_co chr20	227258	229886 +	0	0
ENSG0000(S1PR4	protein_co chr19	3172346	3180332 +	0	0
ENSG0000(NCLN	protein_co chr19	3185563	3209575 +	15.73	14.03
ENSG0000(CITED1	protein_co chrX	72301638	72307187 -	0.14	0.16
ENSG0000(HNRNPR	protein_co chr1	23303771	23344336 -	45.08	37.37
ENSG0000(ZNF436	protein_co chr1	23359448	23369442 -	10.6	11.29
ENSG0000(MAX	protein_co chr14	65006174	65102695 -	36.31	39.42
ENSG0000(CHURC1-FI	protein_co chr14	64914485	65061803 +	4.07	2.95
ENSG0000(ARMCX5	protein_co chrX	1.03E+08	1.03E+08 +	5.62	5.77
ENSG0000(GDF5	protein_co chr20	35433347	35454746 -	4.34	2.88
ENSG0000(MMP24	protein_co chr20	35226654	35277000 +	0.41	0.49
ENSG0000(NECAB3	protein_co chr20	33657087	33674463 -	14.23	11.22
ENSG0000(ID1	protein_co chr20	31605283	31606515 +	8	8.78
ENSG0000(RALY	protein_co chr20	33993646	34108308 +	86.14	93.72
ENSG0000(DYNLRB1	protein_co chr20	34516409	34540958 +	122.87	121.12
ENSG0000(C20orf173	protein_co chr20	35523186	35529652 -	0	0
ENSG0000(EIF2S2	protein_co chr20	34088298	34112332 -	56.47	54.38
ENSG0000(ERGIC3	protein_co chr20	35542021	35557634 +	195.58	187.32
ENSG0000(ROMO1	protein_co chr20	35699272	35700984 +	86.26	83.49
ENSG0000(BPIFB9P	transcribec chr20	33347720	33354444 +	0	0
ENSG0000(FAM83C	protein_co chr20	35285731	35292401 -	0	0
ENSG0000(BPIFB1	protein_co chr20	33273480	33309878 +	0	0
ENSG0000(CEP250	protein_co chr20	35455164	35519280 +	17.95	11.19
ENSG0000(PLAGL2	protein_co chr20	32192503	32207791 -	2.93	2.93
ENSG0000(MMP24-AS	protein_co chr20	35201745	35278131 -	47.16	46.59
ENSG0000(GRPR	protein_co chrX	16123556	16153021 +	0	0.03
ENSG0000(KDM5C	protein_co chrX	53191321	53225422 -	17.43	19.3
ENSG0000(AMOT	protein_co chrX	1.13E+08	1.13E+08 -	8.46	9.79
ENSG0000(TMEM115	protein_co chr3	50354749	50359610 -	26.78	30.29
ENSG0000(PSMB2	protein_co chr1	35599544	35641844 -	30.05	32.13
ENSG0000(AGO3	protein_co chr1	35930718	36072500 +	2.27	4.12
ENSG0000(UROD	protein_co chr1	45012147	45015575 +	77.8	89.66
ENSG0000(ST3GAL3	protein_co chr1	43705824	43931165 +	4.84	7.05
ENSG0000(TMEM53	protein_co chr1	44635238	44674555 -	6.17	4.26
ENSG0000(HECTD3	protein_co chr1	45002540	45011329 -	20.12	21.99
ENSG0000(KLC1	protein_co chr14	1.04E+08	1.04E+08 +	62.93	67.48
ENSG0000(XRCC3	protein_co chr14	1.04E+08	1.04E+08 -	1.56	2.23
ENSG0000(TUBGCP3	protein_co chr13	1.12E+08	1.13E+08 -	5.8	7.11
ENSG0000(MCF2L	protein_co chr13	1.13E+08	1.13E+08 +	0.86	0.44
ENSG0000(F10	protein_co chr13	1.13E+08	1.13E+08 +	0.69	1.32
ENSG0000(PCID2	protein_co chr13	1.13E+08	1.13E+08 -	26.78	26.33
ENSG0000(PROZ	protein_co chr13	1.13E+08	1.13E+08 +	0	0
ENSG0000(SLURP1	protein_co chr8	1.43E+08	1.43E+08 -	0	0

ENSG0000(LRFN3	protein_co chr19	35935358	35945767	+	6.53	8.89
ENSG0000(IGFLR1	protein_co chr19	35738801	35742453	-	1.18	3.4
ENSG0000(CAPNS1	protein_co chr19	36139575	36150353	+	540.73	521.58
ENSG0000(PDCD2L	protein_co chr19	34404384	34426168	+	2.03	3.63
ENSG0000(GPR42	protein_co chr19	35370929	35372962	+	0	0
ENSG0000(RBM42	protein_co chr19	35629030	35637686	+	25.74	25.29
ENSG0000(KIRREL2	protein_co chr19	35855861	35867109	+	0	0.03
ENSG0000(UBA2	protein_co chr19	34428352	34471251	+	42.55	40.66
ENSG0000(FFAR2	protein_co chr19	35443907	35451767	+	0	0
ENSG0000(HCST	protein_co chr19	35902480	35904377	+	0	0.2
ENSG0000(FFAR1	protein_co chr19	35351552	35353862	+	0	0
ENSG0000(COX6B1	protein_co chr19	35648223	35658861	+	163.48	162.29
ENSG0000(KRT36	protein_co chr17	41486136	41492546	-	0.03	0.04
ENSG0000(THRA	protein_co chr17	40058290	40093867	+	16.39	16.12
ENSG0000(CCR7	protein_co chr17	40553769	40565472	-	0	0.03
ENSG0000(NR1D1	protein_co chr17	40092787	40100725	-	13.31	10.24
ENSG0000(FRMD8	protein_co chr11	65386599	65413525	+	10.81	12.69
ENSG0000(PRDX5	protein_co chr11	64318088	64321811	+	280.12	277.75
ENSG0000(BCL2L12	protein_co chr19	49665142	49673916	+	9.22	8.9
ENSG0000(IRF3	protein_co chr19	49659569	49665875	-	23.24	29.93
ENSG0000(PRMT1	protein_co chr19	49675786	49689029	+	59.75	58.67
ENSG0000(RRAS	protein_co chr19	49635292	49640201	-	103.42	100.49
ENSG0000(PRRG2	protein_co chr19	49580646	49591015	+	1.6	1.16
ENSG0000(SCAF1	protein_co chr19	49642125	49658642	+	17.12	16.35
ENSG0000(PRR12	protein_co chr19	49591643	49626439	+	6.03	6.08
ENSG0000(TSKS	protein_co chr19	49739753	49763330	-	1.12	1.23
ENSG0000(FLRT1	protein_co chr11	64103188	64119173	+	0	0.07
ENSG0000(ASL	protein_co chr7	66075798	66093558	+	23.13	19.97
ENSG0000(SBDS	protein_co chr7	66987677	66995601	-	39.45	40.73
ENSG0000(CSN1S1	protein_co chr4	69931081	69946574	+	0	0
ENSG0000(STATH	protein_co chr4	69995930	70002570	+	1.4	0.77
ENSG0000(HTN1	protein_co chr4	70050402	70058845	+	0.09	0.05
ENSG0000(STAT5A	protein_co chr17	42287547	42311943	+	9.71	10.51
ENSG0000(WNK4	protein_co chr17	42780678	42796936	+	5.81	4.24
ENSG0000(BECN1	protein_co chr17	42810134	42833350	-	39.57	39.07
ENSG0000(PRKCG	protein_co chr19	53879190	53907652	+	0	0.27
ENSG0000(TRAP1	protein_co chr16	3651639	3717597	-	15.29	13.56
ENSG0000(GLIS2	protein_co chr16	4314761	4339597	+	13.4	14.76
ENSG0000(NSRP1	protein_co chr17	30115521	30186475	+	13.7	15.56
ENSG0000(DNAJC8	protein_co chr1	28199456	28233025	-	44.96	48.54
ENSG0000(AHDC1	protein_co chr1	27534035	27604431	-	7.21	7.11
ENSG0000(IFI6	protein_co chr1	27666061	27672218	-	450.83	328.81
ENSG0000(DACH2	protein_co chrX	86148458	86832604	+	0	0
ENSG0000(ZNF384	protein_co chr12	6666477	6689572	-	22.36	23.17
ENSG0000(EMG1	protein_co chr12	6970893	6979941	+	6.75	10.29

ENSG0000(SSX1	protein_co chrX	48255317	48267444	+	0	0
ENSG0000(UXT	protein_co chrX	47651798	47659161	-	69.15	72.91
ENSG0000(CFP	protein_co chrX	47623172	47630305	-	0.07	0.51
ENSG0000(ELK1	protein_co chrX	47635521	47650604	-	14.57	12.08
ENSG0000(TIMM17B	protein_co chrX	48893447	48898143	-	18.95	18.24
ENSG0000(PCNX4	protein_co chr14	60091911	60169133	+	18.92	19.35
ENSG0000(ATG14	protein_co chr14	55366392	55411858	-	6.01	6.13
ENSG0000(KTN1	protein_co chr14	55559072	55701526	+	60.39	58.05
ENSG0000(SIX1	protein_co chr14	60643415	60658259	-	2.44	3.11
ENSG0000(RHOJ	protein_co chr14	63204114	63293219	+	17.3	17.81
ENSG0000(DLGAP5	protein_co chr14	55148112	55191678	-	0.02	0.04
ENSG0000(L3HYPDH	protein_co chr14	59460363	59484430	-	27.2	25.8
ENSG0000(HSPA2	protein_co chr14	64535905	64546173	+	0.69	0.67
ENSG0000(ZBTB1	protein_co chr14	64503712	64533690	+	14.2	16.8
ENSG0000(TRMT5	protein_co chr14	60971451	60981358	-	6.11	2.61
ENSG0000(SGPP1	protein_co chr14	63684214	63728039	-	4.1	3.78
ENSG0000(PLEKHG3	protein_co chr14	64704102	64750247	+	7.85	10.92
ENSG0000(PZP	protein_co chr12	9148840	9208370	-	0	0
ENSG0000(PRDM7	protein_co chr16	90056566	90092072	-	0.02	0.02
ENSG0000(RHOT1	protein_co chr17	32142454	32253374	+	13.03	12.73
ENSG0000(EV12A	protein_co chr17	31317560	31321884	-	13.87	15.44
ENSG0000(OMG	protein_co chr17	31272013	31297539	-	3.52	4.7
ENSG0000(WDR60	protein_co chr7	1.59E+08	1.59E+08	+	6.01	5.54
ENSG0000(AIF1L	protein_co chr9	1.31E+08	1.31E+08	+	0.1	0.09
ENSG0000(FAM78A	protein_co chr9	1.31E+08	1.31E+08	-	0.46	0.76
ENSG0000(NUP214	protein_co chr9	1.31E+08	1.31E+08	+	9.47	8.2
ENSG0000(CTAG2	protein_co chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(AVPR2	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(SLC10A3	protein_co chrX	1.54E+08	1.54E+08	-	24.71	26.66
ENSG0000(MAP2K2	protein_co chr19	4090321	4124129	-	87.34	86.72
ENSG0000(HNRNPH2	protein_co chrX	1.01E+08	1.01E+08	+	30.33	29.26
ENSG0000(ARMCX1	protein_co chrX	1.02E+08	1.02E+08	+	17.36	15.92
ENSG0000(TMEM35A	protein_co chrX	1.01E+08	1.01E+08	+	3.3	3.77
ENSG0000(NXF5	protein_co chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(TIMM8A	protein_co chrX	1.01E+08	1.01E+08	-	2.4	2.82
ENSG0000(ZC4H2	protein_co chrX	64915802	65034713	-	3.46	1.74
ENSG0000(CANX	protein_co chr5	1.8E+08	1.8E+08	+	324.67	321.09
ENSG0000(INTS11	protein_co chr1	1311585	1324691	-	30.09	30.88
ENSG0000(RGS13	protein_co chr1	1.93E+08	1.93E+08	+	0.01	0
ENSG0000(IPPK	protein_co chr9	92613184	92670265	-	4.17	2.92
ENSG0000(ZNF484	protein_co chr9	92845031	92878038	-	1.37	1.03
ENSG0000(OMD	protein_co chr9	92414245	92424461	-	0.11	0.12
ENSG0000(FGD3	protein_co chr9	92947451	93036236	+	0	0
ENSG0000(HIVEP3	protein_co chr1	41506365	42035925	-	2.45	1.78
ENSG0000(PPCS	protein_co chr1	42456117	42473385	+	21.68	23.09

ENSG0000(EDN2	protein_co chr1	41478775	41484673 -	0	0.09
ENSG0000(BCL11B	protein_co chr14	99169287	99271524 -	0	0
ENSG0000(COX7C	protein_co chr5	86617904	86620962 +	226.17	246.72
ENSG0000(TRAF2	protein_co chr9	1.37E+08	1.37E+08 +	5.79	6.02
ENSG0000(ABHD8	protein_co chr19	17292131	17310236 -	8.79	10.14
ENSG0000(MASP1	protein_co chr3	1.87E+08	1.87E+08 -	15.15	19.3
ENSG0000(ATP13A4	protein_co chr3	1.93E+08	1.94E+08 -	0.03	0.12
ENSG0000(HRASLS	protein_co chr3	1.93E+08	1.93E+08 +	0.23	0.12
ENSG0000(HELB	protein_co chr12	66302545	66347645 +	0.66	0.4
ENSG0000(RAP1B	protein_co chr12	68610839	68671901 +	89.22	102.16
ENSG0000(IL22	protein_co chr12	68248242	68253607 -	0	0
ENSG0000(TSPAN8	protein_co chr12	71125085	71441898 -	80.49	83.65
ENSG0000(BEST3	protein_co chr12	69643360	69699476 -	0	0
ENSG0000(RAB3IP	protein_co chr12	69738681	69823204 +	4.36	3.35
ENSG0000(PTPRB	protein_co chr12	70515866	70637440 -	6.1	3.65
ENSG0000(DYRK2	protein_co chr12	67648338	67665406 +	13.37	15.34
ENSG0000(YEATS4	protein_co chr12	69359703	69390796 +	5.55	6.48
ENSG0000(TAS2R3	protein_co chr7	1.42E+08	1.42E+08 +	0.11	0
ENSG0000(TAS2R4	protein_co chr7	1.42E+08	1.42E+08 +	0.51	0.65
ENSG0000(TAS2R5	protein_co chr7	1.42E+08	1.42E+08 +	0	0.28
ENSG0000(CRYGN	protein_co chr7	1.51E+08	1.51E+08 -	0.1	0.1
ENSG0000(LRRC61	protein_co chr7	1.5E+08	1.5E+08 +	0.34	0.57
ENSG0000(TRPV5	protein_co chr7	1.43E+08	1.43E+08 -	0	0
ENSG0000(IDUA	protein_co chr4	986997	1004506 +	15.24	16.33
ENSG0000(FGFRL1	protein_co chr4	1009936	1026897 +	28.11	28.11
ENSG0000(TMEM175	protein_co chr4	932387	958656 +	12.4	11.19
ENSG0000(AUNIP	protein_co chr1	25831913	25859458 -	0.08	0.05
ENSG0000(PIN1	protein_co chr19	9835257	9849682 +	42.03	44.88
ENSG0000(FBXL12	protein_co chr19	9810267	9827816 -	12.69	10.63
ENSG0000(EMC1	protein_co chr1	19215664	19251552 -	32.44	35.76
ENSG0000(PLA2G5	protein_co chr1	20028179	20091190 +	4.73	3.41
ENSG0000(UBR4	protein_co chr1	19074506	19210276 -	37.62	43.12
ENSG0000(HP1BP3	protein_co chr1	20742661	20787323 -	91.32	99.19
ENSG0000(ADGRE2	protein_co chr19	14732393	14778541 -	0.03	0.02
ENSG0000(SIN3B	protein_co chr19	16829400	16880353 +	14.99	16.67
ENSG0000(OR7A10	protein_co chr19	14840948	14841877 -	0	0
ENSG0000(SLC35E1	protein_co chr19	16549831	16572382 -	14.31	12.45
ENSG0000(EPS15L1	protein_co chr19	16355239	16472085 -	13.53	12.64
ENSG0000(KLF2	protein_co chr19	16324817	16327874 +	5.84	4.97
ENSG0000(OR7C2	protein_co chr19	14941489	14942448 +	0	0
ENSG0000(OR7C1	protein_co chr19	14799146	14800211 -	0	0
ENSG0000(F2RL3	protein_co chr19	16888860	16892606 +	0	0.03
ENSG0000(UQCR11	protein_co chr19	1597172	1605490 -	95.65	93.19
ENSG0000(GFER	protein_co chr16	1984207	1987749 +	13.28	17.57
ENSG0000(SYNGR3	protein_co chr16	1989660	1994275 +	1.24	1.71

ENSG0000(PKMYT1	protein_co chr16	2968024	2980539 -	0.53	0.08
ENSG0000(WFIKKN1	protein_co chr16	629239	634116 +	0.03	0.06
ENSG0000(WDR24	protein_co chr16	684622	690444 -	3.74	4.36
ENSG0000(FBXL16	protein_co chr16	692498	705829 -	0.05	0.11
ENSG0000(CHTF18	protein_co chr16	788046	800737 +	1.77	1.31
ENSG0000(GNG13	protein_co chr16	798041	800733 -	0	0
ENSG0000(TUBBP1	transcribec chr8	30351873	30353518 +	1.82	0.93
ENSG0000(MACF1	protein_co chr1	39081316	39487177 +	58.09	53.59
ENSG0000(SMARCA4	protein_co chr19	10961001	11065395 +	19.34	17.77
ENSG0000(KDM4B	protein_co chr19	4969113	5153595 +	16.69	15.65
ENSG0000(TICAM1	protein_co chr19	4815932	4831704 -	6.93	7
ENSG0000(METTL25	protein_co chr12	82358497	82479236 +	4.69	5.13
ENSG0000(IL17B	protein_co chr5	1.49E+08	1.49E+08 -	0	0
ENSG0000(EMC6	protein_co chr17	3668815	3669668 +	22.65	21.85
ENSG0000(OR1E2	protein_co chr17	3432870	3433841 -	0	0
ENSG0000(METTL16	protein_co chr17	2405562	2511891 -	3.88	4.44
ENSG0000(TUBA4A	protein_co chr2	2.19E+08	2.19E+08 -	14.18	9.89
ENSG0000(VIL1	protein_co chr2	2.18E+08	2.18E+08 +	0	0
ENSG0000(AAMP	protein_co chr2	2.18E+08	2.18E+08 -	43.68	45.18
ENSG0000(PNKD	protein_co chr2	2.18E+08	2.18E+08 +	24.75	26.77
ENSG0000(TNFRSF19	protein_co chr13	23570370	23676104 +	2.17	1.99
ENSG0000(RNF6	protein_co chr13	26132115	26222493 -	14.2	13.91
ENSG0000(ECHS1	protein_co chr10	1.33E+08	1.33E+08 -	35.42	36.57
ENSG0000(ZNF835	protein_co chr19	56661981	56671783 -	0.02	0
ENSG0000(AKAP9	protein_co chr7	91940867	92110673 +	7.99	7.66
ENSG0000(GNG11	protein_co chr7	93921699	93928610 +	36.12	35.35
ENSG0000(SEM1	protein_co chr7	96481626	96709891 -	87.66	98.05
ENSG0000(GNGT1	protein_co chr7	93591573	93911265 +	0	0
ENSG0000(HIP1	protein_co chr7	75533300	75738962 -	3.98	4.54
ENSG0000(PTPN12	protein_co chr7	77537275	77640071 +	30.69	30.14
ENSG0000(POR	protein_co chr7	75899200	75986855 +	20.82	24.96
ENSG0000(FGL2	protein_co chr7	77193371	77199848 -	26.27	22.27
ENSG0000(STYXL1	protein_co chr7	75996338	76048004 -	21.39	19.45
ENSG0000(STEAP4	protein_co chr7	88270892	88306891 -	0.12	0.33
ENSG0000(GNAI1	protein_co chr7	80133955	80219402 +	10.97	12.67
ENSG0000(PMS2P3	transcribec chr7	75502930	75528148 -	3.41	6
ENSG0000(PEX1	protein_co chr7	92487020	92528531 -	4.44	5.71
ENSG0000(MTERF1	protein_co chr7	91692008	91880720 -	4.41	3.65
ENSG0000(SGCE	protein_co chr7	94585230	94656209 -	66.33	70.89
ENSG0000(RBM48	protein_co chr7	92528773	92538005 +	5.02	3.87
ENSG0000(CASD1	protein_co chr7	94509219	94557019 +	4.1	3.25
ENSG0000(ZNF780B	protein_co chr19	40028260	40056209 -	3.79	3.22
ENSG0000(LRFN1	protein_co chr19	39306568	39315336 -	0.1	0.04
ENSG0000(ZFP36	protein_co chr19	39406813	39409412 +	17.06	16.47
ENSG0000(SRD5A3	protein_co chr4	55346109	55373096 +	6.04	5.25

ENSG0000(SPINK2	protein_co chr4	56809860	56821742	-	0	0
ENSG0000(RASL11B	protein_co chr4	52862290	52866835	+	0	0.04
ENSG0000(PAICS	protein_co chr4	56435741	56464579	+	30.78	30.28
ENSG0000(KDR	protein_co chr4	55078477	55125589	-	1.18	1.17
ENSG0000(PPAT	protein_co chr4	56393362	56435615	-	2.26	2.97
ENSG0000(TUBGCP6	protein_co chr22	50217689	50244992	-	9.73	10.8
ENSG0000(ADM2	protein_co chr22	50481556	50486440	+	3.78	4.26
ENSG0000(DGCR6L	protein_co chr22	20314276	20320080	-	38.28	37.16
ENSG0000(DGCR8	protein_co chr22	20080232	20111877	+	9.15	8.13
ENSG0000(ASPHD2	protein_co chr22	26429273	26445015	+	1.62	1.54
ENSG0000(VPREB3	protein_co chr22	23752743	23754468	-	0	0
ENSG0000(SDF2L1	protein_co chr22	21642261	21644298	+	9.58	11.58
ENSG0000(GAL3ST1	protein_co chr22	30554635	30574587	-	0	0
ENSG0000(YWHAH	protein_co chr22	31944461	31957603	+	45.04	42.92
ENSG0000(RFPL1	protein_co chr22	29438583	29442455	+	0	0.04
ENSG0000(RFPL2	protein_co chr22	32190435	32203477	-	0	0
ENSG0000(C22orf24	processed_chr22	31933521	31945518	-	0.27	0
ENSG0000(POM121L9	transcribec chr22	24251828	24265525	+	1.1	0.79
ENSG0000(GNAZ	protein_co chr22	23070361	23125037	+	0.34	0.23
ENSG0000(MGAT3	protein_co chr22	39457344	39492194	+	0.99	0.89
ENSG0000(ADORA2A	protein_co chr22	24417879	24442360	+	0.48	0.28
ENSG0000(ATF4	protein_co chr22	39519695	39522685	+	322.96	320.49
ENSG0000(A4GALT	protein_co chr22	42692121	42721298	-	37.85	34.77
ENSG0000(RFPL3	protein_co chr22	32354885	32361161	+	0	0
ENSG0000(CDC42EP1	protein_co chr22	37560447	37569405	+	37.59	45.58
ENSG0000(APOL3	protein_co chr22	36140330	36166177	-	8.38	8.66
ENSG0000(MCHR1	protein_co chr22	40678750	40682814	+	1.03	0.81
ENSG0000(TPST2	protein_co chr22	26521983	26596717	-	6.85	7.66
ENSG0000(BAIAP2L2	protein_co chr22	38084889	38110670	-	0.64	0.59
ENSG0000(MPST	protein_co chr22	37019635	37029822	+	37.72	34.67
ENSG0000(GALR3	protein_co chr22	37823382	37825495	+	0	0
ENSG0000(TST	protein_co chr22	37010859	37020183	-	45.92	33.4
ENSG0000(APOL5	protein_co chr22	35717872	35729483	+	0	0
ENSG0000(IGLL1	protein_co chr22	23573125	23580308	-	0	0.11
ENSG0000(APOL2	protein_co chr22	36226203	36239954	-	20.72	18.37
ENSG0000(RAC2	protein_co chr22	37225261	37244448	-	36	33.34
ENSG0000(LIF	protein_co chr22	30240447	30246851	-	5.55	8.75
ENSG0000(C22orf23	protein_co chr22	37943050	37953669	-	0.33	0.46
ENSG0000(APOBEC3A	protein_co chr22	38952741	38992778	+	0.2	0.09
ENSG0000(APOBEC3F	protein_co chr22	39040604	39053910	+	4.86	3.61
ENSG0000(RIBC2	protein_co chr22	45413691	45432496	+	0.09	0.23
ENSG0000(KRT17	protein_co chr17	41619437	41624842	-	1.08	0.76
ENSG0000(TBC1D27	transcribec chr17	16922915	16934839	-	0	0
ENSG0000(EMC4	protein_co chr15	34224999	34230156	+	51.29	55.36
ENSG0000(RNF112	protein_co chr17	19411125	19417276	+	2.1	2.13

ENSG0000(SPECC1	protein_co chr17	20009344	20319026	+	7.8	7.34
ENSG0000(CPA4	protein_co chr7	1.3E+08	1.3E+08	+	39.1	38.41
ENSG0000(DOCK4	protein_co chr7	1.12E+08	1.12E+08	-	2.37	2.46
ENSG0000(POT1	protein_co chr7	1.25E+08	1.25E+08	-	7.48	9.17
ENSG0000(TAS2R16	protein_co chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(ATP6V1F	protein_co chr7	1.29E+08	1.29E+08	+	116.63	103.9
ENSG0000(LSM8	protein_co chr7	1.18E+08	1.18E+08	+	12.45	14.75
ENSG0000(CDHR3	protein_co chr7	1.06E+08	1.06E+08	+	1.25	1.63
ENSG0000(PRKRIP1	protein_co chr7	1.02E+08	1.02E+08	+	14.77	16.23
ENSG0000(VGF	protein_co chr7	1.01E+08	1.01E+08	-	0.04	0
ENSG0000(PODXL	protein_co chr7	1.32E+08	1.32E+08	-	5.1	4.97
ENSG0000(FOXP2	protein_co chr7	1.14E+08	1.15E+08	+	0.01	0.05
ENSG0000(STRIP2	protein_co chr7	1.29E+08	1.29E+08	+	2.44	2.13
ENSG0000(IFT22	protein_co chr7	1.01E+08	1.01E+08	-	21.55	21.07
ENSG0000(MKLN1	protein_co chr7	1.31E+08	1.31E+08	+	11.06	10.45
ENSG0000(DNAJB9	protein_co chr7	1.09E+08	1.09E+08	+	12.58	10.91
ENSG0000(FLNC	protein_co chr7	1.29E+08	1.29E+08	+	38.2	37.79
ENSG0000(LRRC4	protein_co chr7	1.28E+08	1.28E+08	-	0.01	0.14
ENSG0000(CALU	protein_co chr7	1.29E+08	1.29E+08	+	326.06	312.3
ENSG0000(CCDC136	protein_co chr7	1.29E+08	1.29E+08	+	8.31	7.1
ENSG0000(SMO	protein_co chr7	1.29E+08	1.29E+08	+	9.44	9.14
ENSG0000(IRF5	protein_co chr7	1.29E+08	1.29E+08	+	0.26	0.36
ENSG0000(LRRC17	protein_co chr7	1.03E+08	1.03E+08	+	125.65	127.63
ENSG0000(KLHDC10	protein_co chr7	1.3E+08	1.3E+08	+	8.28	8
ENSG0000(NDUFA5	protein_co chr7	1.24E+08	1.24E+08	-	14.31	14.62
ENSG0000(FEZF1	protein_co chr7	1.22E+08	1.22E+08	-	0	0
ENSG0000(OPN1SW	protein_co chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(MRPS12	protein_co chr19	38930548	38933162	+	17.24	18.81
ENSG0000(MYO1B	protein_co chr2	1.91E+08	1.91E+08	+	26.3	25.21
ENSG0000(HOXD1	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(HOXD3	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(MTX2	protein_co chr2	1.76E+08	1.76E+08	+	20.73	18.87
ENSG0000(PDE11A	protein_co chr2	1.78E+08	1.78E+08	-	0.03	0.02
ENSG0000(CHN1	protein_co chr2	1.75E+08	1.75E+08	-	2.39	3.07
ENSG0000(GAD1	protein_co chr2	1.71E+08	1.71E+08	+	0.11	0
ENSG0000(EIF2S2P4	processed_chr2	1.71E+08	1.71E+08	+	0	0
ENSG0000(OSGEPL1	protein_co chr2	1.9E+08	1.9E+08	-	3.62	3.57
ENSG0000(ORMDL1	protein_co chr2	1.9E+08	1.9E+08	-	35.17	34.12
ENSG0000(HAT1	protein_co chr2	1.72E+08	1.72E+08	+	16.16	17.16
ENSG0000(HOXD9	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(HOXD10	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(HOXD11	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(HOXD13	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(HERC2	protein_co chr15	28111040	28322152	-	10.56	12.65
ENSG0000(SNRPN	protein_co chr15	24823637	24978723	+	48.79	52.4

ENSG0000(PSMG2	protein_co chr18	12658043	12725740	+	44.71	42.89
ENSG0000(TWSG1	protein_co chr18	9334767	9402420	+	27.47	30.05
ENSG0000(ARHGAP22	protein_co chr10	48446034	48656265	-	10.45	10.66
ENSG0000(WDFY4	protein_co chr10	48684876	48982956	+	0	0.01
ENSG0000(EIF2AK4	protein_co chr15	39934146	40035591	+	16.3	18.12
ENSG0000(MYO5C	protein_co chr15	52192322	52295798	-	0.01	0.02
ENSG0000(CGNL1	protein_co chr15	57375967	57550727	+	16.22	16.1
ENSG0000(TMOD2	protein_co chr15	51751561	51816368	+	3.48	3.22
ENSG0000(TTBK2	protein_co chr15	42738734	42920809	-	5.61	6.53
ENSG0000(ELL3	protein_co chr15	43772600	43777543	-	2.06	1.74
ENSG0000(C15orf57	protein_co chr15	40528683	40565057	-	9.34	18.39
ENSG0000(INO80	protein_co chr15	40978880	41116354	-	8.05	7.75
ENSG0000(ICE2	protein_co chr15	60419609	60479160	-	10.39	11.43
ENSG0000(DLL4	protein_co chr15	40929340	40939072	+	0.03	0.11
ENSG0000(ALDH1A2	protein_co chr15	57953424	58497866	-	0.73	0
ENSG0000(MINDY2	protein_co chr15	58771192	58861900	+	4.69	4.33
ENSG0000(IVD	protein_co chr15	40405795	40435947	+	20.74	19.57
ENSG0000(KNSTRN	protein_co chr15	40382721	40394246	+	4.08	2.47
ENSG0000(DUT	protein_co chr15	48331011	48343373	+	40.97	39.44
ENSG0000(CHAC1	protein_co chr15	40952962	40956519	+	11.29	10.43
ENSG0000(CLN6	protein_co chr15	68206992	68257211	-	9.75	11.89
ENSG0000(ARPP19	protein_co chr15	52547045	52569883	-	25.11	24.73
ENSG0000(VPS13C	protein_co chr15	61852389	62060473	-	10.65	11.59
ENSG0000(CALML4	protein_co chr15	68190705	68206110	-	1.04	0.3
ENSG0000(ISLR	protein_co chr15	74173671	74176872	+	217.38	230.2
ENSG0000(THAP10	protein_co chr15	70881342	70892785	-	1.05	1.36
ENSG0000(LOXL1	protein_co chr15	73925989	73952137	+	112.33	116.73
ENSG0000(ACKR4	protein_co chr3	1.33E+08	1.33E+08	+	4.24	7.33
ENSG0000(ANAPC13	protein_co chr3	1.34E+08	1.34E+08	-	34.24	35.09
ENSG0000(MBD4	protein_co chr3	1.29E+08	1.29E+08	-	13.55	12.94
ENSG0000(COPB1	protein_co chr11	14443440	14500027	-	47.75	46.55
ENSG0000(PSMA1	protein_co chr11	14504874	14643635	-	43.44	40.84
ENSG0000(SUMF2	protein_co chr7	56064002	56080670	+	138.54	149.01
ENSG0000(PALLD	protein_co chr4	1.68E+08	1.69E+08	+	23.45	26.53
ENSG0000(SPCS3	protein_co chr4	1.76E+08	1.76E+08	+	15.32	15
ENSG0000(BBOX1	protein_co chr11	27040725	27127809	+	0	0.12
ENSG0000(MYOD1	protein_co chr11	17719568	17722131	+	0	0
ENSG0000(SERGEF	protein_co chr11	17788048	18013162	-	10.98	13.98
ENSG0000(KCNC1	protein_co chr11	17734774	17856804	+	0	0
ENSG0000(TPH1	protein_co chr11	18017564	18042426	-	0.05	0.04
ENSG0000(CSRP3	protein_co chr11	19182030	19210573	-	0	0
ENSG0000(E2F8	protein_co chr11	19224063	19241620	-	0.27	0.1
ENSG0000(DCTD	protein_co chr4	1.83E+08	1.83E+08	-	44.74	44.64
ENSG0000(SOX15	protein_co chr17	7588178	7590170	-	0.58	0.13
ENSG0000(FAM64A	protein_co chr17	6444415	6451469	+	0.08	0

ENSG0000(RPAIN)	protein_co chr17	5419641	5432876 +	21.46	20.83
ENSG0000(USP6)	protein_co chr17	5116438	5175034 +	1.04	0.86
ENSG0000(SHBG)	protein_co chr17	7613946	7633383 +	0.88	1.19
ENSG0000(PLD2)	protein_co chr17	4807096	4823434 +	14.83	16.07
ENSG0000(AIPL1)	protein_co chr17	6393693	6435199 -	0.14	0.03
ENSG0000(CD68)	protein_co chr17	7579467	7582113 +	78.73	66.93
ENSG0000(TXNDC17)	protein_co chr17	6640758	6644541 +	71.02	65.61
ENSG0000(ATP1B2)	protein_co chr17	7646627	7657768 +	0.09	0.02
ENSG0000(FXR2)	protein_co chr17	7591230	7614871 -	17.06	16.15
ENSG0000(KIF1C)	protein_co chr17	4997948	5028401 +	71.71	66.33
ENSG0000(MPDU1)	protein_co chr17	7583529	7592789 +	37.52	35.51
ENSG0000(PHF20L1)	protein_co chr8	1.33E+08	1.33E+08 +	14.84	16.02
ENSG0000(LRRC6)	protein_co chr8	1.33E+08	1.33E+08 -	1.08	0.83
ENSG0000(CCNT1)	protein_co chr12	48688458	48716998 -	5.57	5.27
ENSG0000(PUS7L)	protein_co chr12	43718993	43758817 -	1.97	2.19
ENSG0000(KRI1)	protein_co chr19	10553078	10566037 -	8.88	9.71
ENSG0000(ILF3)	protein_co chr19	10654261	10692417 +	40.27	36.93
ENSG0000(SLC44A2)	protein_co chr19	10602457	10644559 +	30.52	36.23
ENSG0000(AP1M2)	protein_co chr19	10572671	10587315 -	0.29	0.16
ENSG0000(CDKN2D)	protein_co chr19	10566462	10569059 -	6.2	4.69
ENSG0000(MTUS1)	protein_co chr8	17643795	17800917 -	1.1	0.79
ENSG0000(KLK14)	protein_co chr19	51077495	51084245 -	0	0.06
ENSG0000(SIGLEC9)	protein_co chr19	51124908	51136651 +	0.47	0.41
ENSG0000(KLK10)	protein_co chr19	51012739	51020175 -	0.21	0.08
ENSG0000(KLK8)	protein_co chr19	50996007	51002711 -	0	0
ENSG0000(NGDN)	protein_co chr14	23469688	23509862 +	14	11.63
ENSG0000(RIPK3)	protein_co chr14	24336021	24340045 -	0.31	0.47
ENSG0000(ADCY4)	protein_co chr14	24318349	24335093 -	2.33	2.06
ENSG0000(RAB2B)	protein_co chr14	21459020	21476973 -	8.82	9.27
ENSG0000(BCL2L2)	protein_co chr14	23298790	23311759 +	16.51	19.22
ENSG0000(AJUBA)	protein_co chr14	22971174	22982642 -	15	11.63
ENSG0000(DTD2)	protein_co chr14	31446036	31457510 -	7.33	6.18
ENSG0000(PARP2)	protein_co chr14	20343582	20357905 +	8.8	10.55
ENSG0000(HEATR5A)	protein_co chr14	31291791	31420582 -	16.72	11.72
ENSG0000(FOXA1)	protein_co chr14	37589984	37596059 -	0.15	0.07
ENSG0000(SNX6)	protein_co chr14	34561094	34630183 -	51.9	36.19
ENSG0000(EAPP)	protein_co chr14	34515929	34539711 -	24.42	25.33
ENSG0000(EGLN3)	protein_co chr14	33924231	34462774 -	0.56	0.27
ENSG0000(MIS18BP1)	protein_co chr14	45203190	45253540 -	3.98	2.93
ENSG0000(NRL)	protein_co chr14	24080107	24115014 -	0.24	0.57
ENSG0000(RNASE1)	protein_co chr14	20801228	20803278 -	1.55	1.01
ENSG0000(NEDD8)	protein_co chr14	24216852	24232454 -	141.6	138.27
ENSG0000(DAD1)	protein_co chr14	22564905	22589269 -	138.48	145.2
ENSG0000(TEP1)	protein_co chr14	20365667	20413429 -	8.03	6.62
ENSG0000(EPB41L4A)	protein_co chr5	1.12E+08	1.12E+08 -	0.4	0.29

ENSG0000(CDO1	protein_co chr5	1.16E+08	1.16E+08 -	0.09	0.09
ENSG0000(REEP5	protein_co chr5	1.13E+08	1.13E+08 -	51.56	46.36
ENSG0000(ITFG1	protein_co chr16	47154387	47464149 -	39.34	41.18
ENSG0000(QRICH2	protein_co chr17	76274049	76307998 -	1.59	1.1
ENSG0000(FOXJ1	protein_co chr17	76136333	76141299 -	0	0
ENSG0000(SEC14L1	protein_co chr17	77086716	77217101 +	14.65	18.2
ENSG0000(RHBDF2	protein_co chr17	76470891	76501790 -	4.52	5.67
ENSG0000(AANAT	protein_co chr17	76453351	76470117 +	0	0.2
ENSG0000(ARHGFE6	protein_co chrX	1.37E+08	1.37E+08 -	5.26	5.37
ENSG0000(MAP7D3	protein_co chrX	1.36E+08	1.36E+08 -	4.61	4.26
ENSG0000(FGF13	protein_co chrX	1.39E+08	1.39E+08 -	0.12	0.12
ENSG0000(ASH2L	protein_co chr8	38105242	38144076 +	12.39	13.61
ENSG0000(TTI2	protein_co chr8	33473386	33513601 -	4.28	4.32
ENSG0000(ART1	protein_co chr11	3645128	3664416 +	0	0
ENSG0000(CHRNA10	protein_co chr11	3665587	3671384 -	0.22	0.25
ENSG0000(CDKN1C	protein_co chr11	2883213	2885881 -	21.28	26.86
ENSG0000(SGO1	protein_co chr3	20160593	20186292 -	0	0.17
ENSG0000(TTTY1B	lincRNA chrY	6390431	6411564 +	0	0
ENSG0000(RPS4Y1	protein_co chrY	2841486	2932000 +	258.4	254.94
ENSG0000(TTTY1	lincRNA chrY	9753156	9774289 -	0	0
ENSG0000(VCY1B	protein_co chrY	14056217	14056958 +	0	0
ENSG0000(VCY	protein_co chrY	13985772	13986513 -	0	0
ENSG0000(CDY2B	protein_co chrY	17877410	17880220 -	0	0
ENSG0000(CDH15	protein_co chr16	89171767	89195492 +	0.04	0.09
ENSG0000(KLF16	protein_co chr19	1852399	1863568 -	9.99	10.55
ENSG0000(TMEM8A	protein_co chr16	370773	387113 -	27.6	27.75
ENSG0000(DOHH	protein_co chr19	3490821	3500940 -	5.46	5.27
ENSG0000(MAU2	protein_co chr19	19320681	19358755 +	17.68	16.81
ENSG0000(SHC2	protein_co chr19	416583	460996 -	1.24	1.06
ENSG0000(PLPPR3	protein_co chr19	812488	821977 -	0.08	0.52
ENSG0000(INS-IGF2	protein_co chr11	2132538	2161209 -	0	0
ENSG0000(ABHD17A	protein_co chr19	1876810	1885547 -	31.39	31.27
ENSG0000(LBP	protein_co chr20	38346356	38377023 +	0.03	0.09
ENSG0000(SYT5	protein_co chr19	55171199	55180441 -	0.03	0.05
ENSG0000(TNNI3	protein_co chr19	55151767	55157773 -	0	0
ENSG0000(CBFA2T3	protein_co chr16	88874858	88977204 -	0	0
ENSG0000(GAMT	protein_co chr19	1397026	1401570 -	20.05	23.27
ENSG0000(PUDP	protein_co chrX	7048920	7148190 -	3.73	3.71
ENSG0000(ERMARD	protein_co chr6	1.7E+08	1.7E+08 +	8.91	8
ENSG0000(PHF10	protein_co chr6	1.7E+08	1.7E+08 -	13.52	13.87
ENSG0000(PRRG3	protein_co chrX	1.52E+08	1.52E+08 +	0	0
ENSG0000(GALNT8	protein_co chr12	4720341	4851927 +	0	0.05
ENSG0000(KCNA5	protein_co chr12	5043989	5046788 +	0	0
ENSG0000(CRACR2A	protein_co chr12	3606633	3764819 -	2.58	3.83
ENSG0000(NXNL2	protein_co chr9	88535101	88584274 +	0.51	0.29

ENSG0000(STARD8	protein_co chrX	68647666	68725842	+	1.84	1.54
ENSG0000(FAM155B	protein_co chrX	69505241	69532508	+	0	0
ENSG0000(GDPD2	protein_co chrX	70423031	70433390	+	0	0
ENSG0000(SAT1	protein_co chrX	23783173	23786226	+	238.22	268.72
ENSG0000(GNL3L	protein_co chrX	54530211	54561071	+	3.79	4.06
ENSG0000(SH3BP4	protein_co chr2	2.35E+08	2.35E+08	+	18.67	21.26
ENSG0000(MOSPD2	protein_co chrX	14873441	14922327	+	10.79	10.22
ENSG0000(DOCK6	protein_co chr19	11199295	11262481	-	6.94	6.8
ENSG0000(ECSIT	protein_co chr19	11505916	11529174	-	13.85	12.32
ENSG0000(LDLR	protein_co chr19	11089362	11133816	+	55.4	55.03
ENSG0000(ELOF1	protein_co chr19	11551147	11559236	-	33.58	33.65
ENSG0000(TSPAN16	protein_co chr19	11296139	11326996	+	0	0
ENSG0000(ANGPTL8	protein_co chr19	11237450	11241943	+	0.15	0.33
ENSG0000(PRKCSH	protein_co chr19	11435288	11450968	+	228.89	210.61
ENSG0000(CNN1	protein_co chr19	11538717	11550323	+	5.85	7.92
ENSG0000(CDC16	protein_co chr13	1.14E+08	1.14E+08	+	33.55	33.55
ENSG0000(ZSCAN10	protein_co chr16	3088890	3099317	-	0	0
ENSG0000(THEM6	protein_co chr8	1.43E+08	1.43E+08	+	3.83	5.39
ENSG0000(NECTIN2	protein_co chr19	44846175	44889228	+	42.49	40.45
ENSG0000(APOE	protein_co chr19	44905754	44909393	+	49.86	64.96
ENSG0000(TOMM40	protein_co chr19	44890569	44903689	+	11.48	12.76
ENSG0000(APOC1	protein_co chr19	44914247	44919349	+	0.73	3.42
ENSG0000(GADD45G	protein_co chr9	89605013	89606555	+	0.63	0.56
ENSG0000(LRCH2	protein_co chrX	1.15E+08	1.15E+08	-	0.4	0.51
ENSG0000(DPP6	protein_co chr7	1.54E+08	1.55E+08	+	0	0
ENSG0000(XPO7	protein_co chr8	21919671	22006585	+	18.25	15.7
ENSG0000(ACE2	protein_co chrX	15561033	15602148	-	0.08	0.18
ENSG0000(FAM98C	protein_co chr19	38403135	38409088	+	8.61	10.42
ENSG0000(SAFB2	protein_co chr19	5586999	5624046	-	16.39	19.09
ENSG0000(RPL36	protein_co chr19	5674947	5691876	+	370.46	379.22
ENSG0000(ATP8B3	protein_co chr19	1782075	1812276	-	2.19	1.58
ENSG0000(GDF1	protein_co chr19	18868545	18896096	-	0.39	0.37
ENSG0000(NCAN	protein_co chr19	19211973	19252233	+	0	0
ENSG0000(KIF1A	protein_co chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(GTPBP3	protein_co chr19	17334920	17342735	+	7.15	5.73
ENSG0000(PLVAP	protein_co chr19	17351448	17377350	-	0.31	0.05
ENSG0000(BST2	protein_co chr19	17402939	17405648	-	12.28	7.34
ENSG0000(SLC27A1	protein_co chr19	17468769	17506168	+	18.11	18.11
ENSG0000(NSUN5	protein_co chr7	73302517	73308867	-	6.46	8.4
ENSG0000(USHBP1	protein_co chr19	17249176	17282786	-	0.02	0.03
ENSG0000(COLGALT1	protein_co chr19	17555594	17583162	+	28.05	29.66
ENSG0000(DDA1	protein_co chr19	17309518	17323301	+	23.63	22.68
ENSG0000(MRPL34	protein_co chr19	17292609	17306843	+	26.92	34.19
ENSG0000(PGLS	protein_co chr19	17511629	17521288	+	55.8	54.73
ENSG0000(LSM7	protein_co chr19	2321517	2328620	-	39.97	45.52

ENSG0000(TULP4	protein_co chr6	1.58E+08	1.59E+08	+	7.13	7.07
ENSG0000(SNX9	protein_co chr6	1.58E+08	1.58E+08	+	55.12	57.88
ENSG0000(RTN4IP1	protein_co chr6	1.07E+08	1.07E+08	-	1.14	2.15
ENSG0000(QRSL1	protein_co chr6	1.07E+08	1.07E+08	+	3.72	3.45
ENSG0000(C6orf203	protein_co chr6	1.07E+08	1.07E+08	+	7.9	6.71
ENSG0000(RSPH3	protein_co chr6	1.59E+08	1.59E+08	-	6.37	4.79
ENSG0000(MAS1	protein_co chr6	1.6E+08	1.6E+08	+	0.06	0.08
ENSG0000(ACSBG2	protein_co chr19	6135247	6193094	+	0.03	0
ENSG0000(MLLT1	protein_co chr19	6210379	6279948	-	22.46	23.18
ENSG0000(FUT5	protein_co chr19	5865826	5870540	-	0	0
ENSG0000(BMP15	protein_co chrX	50910784	50916607	+	0	0
ENSG0000(AFDN	protein_co chr6	1.68E+08	1.68E+08	+	10.6	11.25
ENSG0000(ACTN4	protein_co chr19	38647649	38731583	+	224.4	218.69
ENSG0000(STK33	protein_co chr11	8391868	8594289	-	0.58	0.39
ENSG0000(NDUFA10	protein_co chr2	2.4E+08	2.4E+08	-	54.18	63.35
ENSG0000(EPO	protein_co chr7	1.01E+08	1.01E+08	+	0	0
ENSG0000(ARPC1B	protein_co chr7	99374249	99394801	+	145.6	142.3
ENSG0000(CACNG6	protein_co chr19	53992288	54012669	+	0.56	0.33
ENSG0000(ZSWIM6	protein_co chr5	61332273	61546170	+	4.03	4.15
ENSG0000(FCHO1	protein_co chr19	17747718	17788568	+	0.25	0.48
ENSG0000(UNC13A	protein_co chr19	17601328	17688365	-	0.23	0.13
ENSG0000(MAP1S	protein_co chr19	17719242	17734516	+	12.45	11.9
ENSG0000(KLHDC7B	protein_co chr22	50548033	50551023	+	0.45	0.38
ENSG0000(SCO2	protein_co chr22	50523568	50525606	-	11.75	13.26
ENSG0000(PXDN	protein_co chr2	1631887	1744852	-	160.24	156.69
ENSG0000(SSBP4	protein_co chr19	18418864	18434562	+	46.4	46.28
ENSG0000(GDF15	protein_co chr19	18374731	18389176	+	89.15	84.74
ENSG0000(PGPEP1	protein_co chr19	18340587	18369950	+	13.78	13.13
ENSG0000(KIAA1683	protein_co chr19	18257097	18274509	-	1.07	1.08
ENSG0000(LSM4	protein_co chr19	18306230	18323274	-	29.53	34.53
ENSG0000(JUND	protein_co chr19	18279760	18281622	-	42.79	41.86
ENSG0000(HRC	protein_co chr19	49151198	49155424	-	0.03	0.03
ENSG0000(TRPM4	protein_co chr19	49157741	49211836	+	13.26	12.6
ENSG0000(OR11H1	protein_co chr22	15528158	15529139	+	0	0
ENSG0000(SULT4A1	protein_co chr22	43824509	43862503	-	0.25	0.12
ENSG0000(ZNF557	protein_co chr19	7069444	7087968	+	1.65	1.59
ENSG0000(CRB3	protein_co chr19	6463777	6467221	+	0	0
ENSG0000(OLFM1	protein_co chr9	1.35E+08	1.35E+08	+	2.91	3.46
ENSG0000(CAMSAP1	protein_co chr9	1.36E+08	1.36E+08	-	10.24	5.83
ENSG0000(UBAC1	protein_co chr9	1.36E+08	1.36E+08	-	15.12	14.03
ENSG0000(SAG	protein_co chr2	2.33E+08	2.33E+08	+	0.15	0.09
ENSG0000(ZBTB46	protein_co chr20	63743666	63831244	-	1.5	1.17
ENSG0000(HELZ2	protein_co chr20	63558086	63574239	-	8.7	7.02
ENSG0000(SAMD10	protein_co chr20	63974113	63980008	-	1.35	2.3
ENSG0000(LSP1	protein_co chr11	1852970	1892267	+	1.67	0.57

ENSG0000(TNNT3	protein_co chr11	1919562	1938706 +	0.66	1.51
ENSG0000(TNNI2	protein_co chr11	1838989	1841680 +	0	0
ENSG0000(H19	processed_chr11	1995163	2001470 -	28.44	25.32
ENSG0000(CYP2G1P	transcribed chr19	40890826	40900508 +	0.14	0.05
ENSG0000(COL5A1	protein_co chr9	1.35E+08	1.35E+08 +	167.53	169.19
ENSG0000(ATXN10	protein_co chr22	45671798	45845307 +	72.45	76
ENSG0000(TUBGCP2	protein_co chr10	1.33E+08	1.33E+08 -	16.32	15.75
ENSG0000(CALY	protein_co chr10	1.33E+08	1.33E+08 -	0.13	0
ENSG0000(CYP2E1	protein_co chr10	1.34E+08	1.34E+08 +	0.61	1.02
ENSG0000(PNPLA7	protein_co chr9	1.37E+08	1.38E+08 -	1.81	1.93
ENSG0000(HBZ	protein_co chr16	152687	154503 +	0.09	0
ENSG0000(PAK4	protein_co chr19	39125770	39182816 +	9.82	11.95
ENSG0000(MNX1	protein_co chr7	1.57E+08	1.57E+08 -	0	0
ENSG0000(ZNF337	protein_co chr20	25674215	25696841 -	7.8	7.77
ENSG0000(CEP85	protein_co chr1	26234153	26279038 +	3.43	3.24
ENSG0000(TAF4	protein_co chr20	61953469	62065810 -	5.6	3.29
ENSG0000(GATA5	protein_co chr20	62463497	62475970 -	0	0
ENSG0000(RBBP8NL	protein_co chr20	62410237	62427533 -	0	0
ENSG0000(LAMA5	protein_co chr20	62307955	62367312 -	25.2	26.87
ENSG0000(OSBPL2	protein_co chr20	62231922	62296213 +	10.03	10.59
ENSG0000(ADRM1	protein_co chr20	62302093	62308862 +	42.06	43.05
ENSG0000(ASS1	protein_co chr9	1.3E+08	1.31E+08 +	69.43	75.52
ENSG0000(PRDM12	protein_co chr9	1.31E+08	1.31E+08 +	0	0
ENSG0000(EXOSC2	protein_co chr9	1.31E+08	1.31E+08 +	7.54	7.81
ENSG0000(POMT1	protein_co chr9	1.32E+08	1.32E+08 +	12.83	14.79
ENSG0000(UCK1	protein_co chr9	1.32E+08	1.32E+08 -	16.06	14.12
ENSG0000(FIBCD1	protein_co chr9	1.31E+08	1.31E+08 -	0.84	0.3
ENSG0000(PRRC2B	protein_co chr9	1.31E+08	1.32E+08 +	38.46	43.06
ENSG0000(CHMP2A	protein_co chr19	58551566	58555124 -	71.51	75.72
ENSG0000(UBE2M	protein_co chr19	58555712	58558960 -	32.84	29.34
ENSG0000(TRIM28	protein_co chr19	58544091	58550722 +	96.81	103.09
ENSG0000(METTL26	protein_co chr16	634427	636366 -	68.24	58.22
ENSG0000(YIPF2	protein_co chr19	10922185	10928681 -	24.16	23.9
ENSG0000(ATG4D	protein_co chr19	10543895	10553418 +	8.89	7.57
ENSG0000(EIF2S3	protein_co chrX	24054716	24077971 +	48.6	48.59
ENSG0000(TMEM160	protein_co chr19	47045907	47048630 -	7.82	13.08
ENSG0000(ZC3H4	protein_co chr19	47064187	47113752 -	7.22	7.86
ENSG0000(NPAS1	protein_co chr19	47019820	47045775 +	0.59	1.43
ENSG0000(GMFG	protein_co chr19	39328353	39342372 -	0.15	0.47
ENSG0000(MAP3K10	protein_co chr19	40191744	40215575 +	4.59	4.27
ENSG0000(ARHGEF16	protein_co chr1	3454426	3481113 +	0.05	0
ENSG0000(LRRC47	protein_co chr1	3778558	3796504 -	14.68	14.69
ENSG0000(SESN2	protein_co chr1	28259527	28282491 +	17.97	17.44
ENSG0000(SMPDL3B	protein_co chr1	27934993	27959157 +	0.11	0.04
ENSG0000(ATPIF1	protein_co chr1	28236109	28246906 +	111.13	104.85

ENSG0000(MED18	protein_co chr1	28329002	28335967	+	5.01	7.8
ENSG0000(THEMIS2	protein_co chr1	27872543	27886685	+	2.82	2
ENSG0000(CLIP1	protein_co chr12	1.22E+08	1.22E+08	-	32.05	34.29
ENSG0000(CCDC62	protein_co chr12	1.23E+08	1.23E+08	+	0.2	0.05
ENSG0000(HIP1R	protein_co chr12	1.23E+08	1.23E+08	+	8.68	9.93
ENSG0000(ZNF317	protein_co chr19	9140380	9163424	+	6.23	6.15
ENSG0000(PPAN	protein_co chr19	10106289	10111634	+	15.82	14.33
ENSG0000(EIF3G	protein_co chr19	10115017	10119918	-	83.04	86.34
ENSG0000(ANGPTL6	protein_co chr19	10092338	10102796	-	0.32	0.43
ENSG0000(C19orf66	protein_co chr19	10086122	10093252	+	19.16	19.16
ENSG0000(DNMT1	protein_co chr19	10133345	10231286	-	10.23	11.01
ENSG0000(ZNF426	protein_co chr19	9523224	9538645	-	4.6	6.04
ENSG0000(SLC6A8	protein_co chrX	1.54E+08	1.54E+08	+	44.73	40.37
ENSG0000(PNCK	protein_co chrX	1.54E+08	1.54E+08	-	0.55	0.58
ENSG0000(DKC1	protein_co chrX	1.55E+08	1.55E+08	+	11.95	11.54
ENSG0000(PLXNA3	protein_co chrX	1.54E+08	1.54E+08	+	31.99	32.97
ENSG0000(DUSP9	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(MPP1	protein_co chrX	1.55E+08	1.55E+08	-	15.98	15.27
ENSG0000(ZNF331	protein_co chr19	53520981	53580269	+	3.63	3.73
ENSG0000(ZNF236	protein_co chr18	76822607	76970727	+	2.55	2.73
ENSG0000(SLC7A10	protein_co chr19	33208664	33225850	-	0	0
ENSG0000(LRP3	protein_co chr19	33177603	33208867	+	13.9	12.12
ENSG0000(C12orf65	protein_co chr12	1.23E+08	1.23E+08	+	8.72	7.51
ENSG0000(NOL11	protein_co chr17	67717833	67744531	+	7.75	10.96
ENSG0000(UBE4B	protein_co chr1	10032832	10181239	+	20.19	21.64
ENSG0000(CASZ1	protein_co chr1	10636604	10796650	-	0.07	0.12
ENSG0000(PKDREJ	protein_co chr22	46255663	46263355	-	0	0
ENSG0000(HSD17B3	protein_co chr9	96235306	96302152	-	0.19	0
ENSG0000(NUTM2F	protein_co chr9	94318196	94328644	-	0	0
ENSG0000(HABP4	protein_co chr9	96450201	96491336	+	7.92	7.91
ENSG0000(FBP2	protein_co chr9	94558720	94593793	-	0	0
ENSG0000(SLC35D2	protein_co chr9	96320706	96383710	-	12.17	12.65
ENSG0000(PRRG1	protein_co chrX	37349275	37457295	+	10.22	14.58
ENSG0000(UBA1	protein_co chrX	47190861	47215128	+	79.9	79.62
ENSG0000(RGN	protein_co chrX	47078355	47093314	+	0.06	0.04
ENSG0000(POLN	protein_co chr4	2071918	2242121	-	1.92	1.06
ENSG0000(TXLNGY	transcribec chrY	19567313	19606274	+	8.93	13.78
ENSG0000(TTTY9B	antisense chrY	18581206	18590521	-	0	0
ENSG0000(PPIL4	protein_co chr6	1.5E+08	1.5E+08	-	10.94	9.96
ENSG0000(ULBP2	protein_co chr6	1.5E+08	1.5E+08	+	4.14	3.63
ENSG0000(AKAP12	protein_co chr6	1.51E+08	1.51E+08	+	20.27	18.47
ENSG0000(SYNE1	protein_co chr6	1.52E+08	1.53E+08	-	31.82	31.1
ENSG0000(ULBP3	protein_co chr6	1.5E+08	1.5E+08	-	1.25	0.47
ENSG0000(LATS1	protein_co chr6	1.5E+08	1.5E+08	-	5.11	4.97
ENSG0000(EPS8L1	protein_co chr19	55072020	55087923	+	1.01	2.01

ENSG0000(LILRB2	protein_co chr19	54273821	54281184 -	0	0
ENSG0000(AAR2	protein_co chr20	36236459	36270918 +	14.52	14.03
ENSG0000(TTLL9	protein_co chr20	31870702	31944963 +	0.14	0.08
ENSG0000(BPIFA2	protein_co chr20	33161768	33181412 +	0	0
ENSG0000(RBM39	protein_co chr20	35701347	35742312 -	103.58	108.61
ENSG0000(COX4I2	protein_co chr20	31637888	31645006 +	0	0
ENSG0000(BPIFA3	protein_co chr20	33217310	33227758 +	0	0
ENSG0000(ZNF341	protein_co chr20	33731657	33792269 +	1.49	1.53
ENSG0000(GGT7	protein_co chr20	34844720	34872860 -	17.6	19.72
ENSG0000(DEFB118	protein_co chr20	31368618	31373923 +	0	0
ENSG0000(ACSS2	protein_co chr20	34872146	34927962 +	17.64	17.04
ENSG0000(EDA2R	protein_co chrX	66595637	66639298 -	14.92	15.89
ENSG0000(ARHGEF9	protein_co chrX	63634967	63809274 -	5.35	6.19
ENSG0000(C1QL1	protein_co chr17	44959693	44968071 -	0.14	0
ENSG0000(GFAP	protein_co chr17	44903161	44916937 -	0.21	0.1
ENSG0000(PYY	protein_co chr17	43952738	44004469 -	0	0
ENSG0000(HIGD1B	protein_co chr17	44846353	44850480 +	0	0
ENSG0000(ATP6V1E1	protein_co chr22	17592136	17628818 -	90.77	91.57
ENSG0000(ZNF227	protein_co chr19	44207547	44237268 +	5.27	4.97
ENSG0000(ZNF428	protein_co chr19	43607219	43619874 -	24.9	27.15
ENSG0000(TEX101	protein_co chr19	43401496	43418597 +	0	0
ENSG0000(ZNF141	protein_co chr4	337814	384864 +	2.59	2.74
ENSG0000(CCL25	protein_co chr19	8052767	8062650 +	0.26	0
ENSG0000(COX4I1	protein_co chr16	85798633	85807044 +	305.88	318.77
ENSG0000(EMC8	protein_co chr16	85771758	85799608 -	15.45	16.01
ENSG0000(GSE1	protein_co chr16	85169525	85676204 +	11.32	11.05
ENSG0000(RP11-178L	protein_co chr16	87302876	87334273 -	0	0
ENSG0000(GINS2	protein_co chr16	85676198	85690073 -	0.36	0.22
ENSG0000(CHMP1A	protein_co chr16	89644431	89657845 -	34.93	36.1
ENSG0000(SH3BGR1	protein_co chrX	81201943	81298547 +	52.79	55.89
ENSG0000(COX7B	protein_co chrX	77899438	77907373 +	57.23	59.45
ENSG0000(SLC34A1	protein_co chr5	1.77E+08	1.77E+08 +	0	0
ENSG0000(F12	protein_co chr5	1.77E+08	1.77E+08 -	0.44	0.6
ENSG0000(PRR7	protein_co chr5	1.77E+08	1.77E+08 +	4.2	4.96
ENSG0000(NFATC1	protein_co chr18	79395856	79529325 +	6.78	7.54
ENSG0000(IDO1	protein_co chr8	39902275	39928444 +	0	0
ENSG0000(GJA9	protein_co chr1	38874451	38881587 -	0	0
ENSG0000(CAP1	protein_co chr1	40040233	40072649 +	136.98	142.82
ENSG0000(PPT1	protein_co chr1	40072705	40097703 -	51.98	50.2
ENSG0000(RAB11FIP4	protein_co chr17	31391624	31538217 +	0.34	0.38
ENSG0000(RLIM	protein_co chrX	74585217	74614617 -	6.51	6.44
ENSG0000(CDX4	protein_co chrX	73447254	73455245 +	0	0
ENSG0000(ABCB7	protein_co chrX	75053172	75156732 -	9.37	8.66
ENSG0000(TRAF3	protein_co chr14	1.03E+08	1.03E+08 +	9.98	9.78
ENSG0000(HAUS8	protein_co chr19	17049729	17075625 -	1.7	2.68

ENSG0000(ADGRE3	protein_co chr19	14619117	14690027 -	0	0
ENSG0000(MRPS25	protein_co chr3	15042460	15065335 -	15.5	13.15
ENSG0000(SH3BP5	protein_co chr3	15254853	15341368 -	44.54	45.58
ENSG0000(HAC11	protein_co chr3	15560704	15601852 -	5.05	5.54
ENSG0000(TBC1D5	protein_co chr3	17157162	18444817 -	17.77	19.08
ENSG0000(CAPN7	protein_co chr3	15206152	15252918 +	9.96	9.88
ENSG0000(RFTN1	protein_co chr3	16313574	16514026 -	29.27	31.37
ENSG0000(C3orf20	protein_co chr3	14675099	14773034 +	0	0.07
ENSG0000(RBSN	protein_co chr3	15070073	15099163 -	6.93	6.33
ENSG0000(GALNT15	protein_co chr3	16174649	16231992 +	1.18	1.43
ENSG0000(SLC6A6	protein_co chr3	14402576	14489349 +	15	15.05
ENSG0000(KCNC3	protein_co chr19	50311937	50333515 -	0.26	0.07
ENSG0000(NAPSA	protein_co chr19	50358477	50365830 -	0.4	0.53
ENSG0000(NAPSB	transcribec chr19	50333796	50344767 -	0	0
ENSG0000(NR1H2	protein_co chr19	50329653	50382982 +	38.01	38.35
ENSG0000(LRRC4B	protein_co chr19	50516892	50568045 -	1.48	0.91
ENSG0000(PDLIM4	protein_co chr5	1.32E+08	1.32E+08 +	41.58	45.01
ENSG0000(KIF3A	protein_co chr5	1.33E+08	1.33E+08 -	5.31	4.05
ENSG0000(MGAT1	protein_co chr5	1.81E+08	1.81E+08 -	63.93	67.94
ENSG0000(GFPT2	protein_co chr5	1.8E+08	1.8E+08 -	52.67	50.33
ENSG0000(TUBG1	protein_co chr17	42609676	42615234 +	16.71	15.44
ENSG0000(PSME3	protein_co chr17	42824385	42843758 +	33.92	38.61
ENSG0000(RPL27	protein_co chr17	42998273	43002959 +	853.95	879.87
ENSG0000(PSMC3IP	protein_co chr17	42572315	42577831 -	1.95	1.56
ENSG0000(AOC3	protein_co chr17	42851184	42858130 +	1.58	1.47
ENSG0000(ACLY	protein_co chr17	41866908	41930542 -	45.5	43.27
ENSG0000(VPS25	protein_co chr17	42773436	42779599 +	35.77	37.78
ENSG0000(RAMP2	protein_co chr17	42758447	42763041 +	4.1	4.36
ENSG0000(AOC2	protein_co chr17	42844600	42850707 +	0.21	0.14
ENSG0000(G6PC	protein_co chr17	42900797	42913369 +	0	0.02
ENSG0000(RP11-798G	lincRNA chr17	45533963	45534710 +	0.85	0.49
ENSG0000(NDUFA2	protein_co chr5	1.41E+08	1.41E+08 -	38.95	37.04
ENSG0000(ANKHD1	protein_co chr5	1.4E+08	1.41E+08 +	18.12	18.57
ENSG0000(DIAPH1	protein_co chr5	1.42E+08	1.42E+08 -	9.18	10.77
ENSG0000(NDFIP1	protein_co chr5	1.42E+08	1.42E+08 +	26.21	25.28
ENSG0000(UBE2D2	protein_co chr5	1.4E+08	1.4E+08 +	53.3	46.06
ENSG0000(TTTY6	lincRNA chrY	22439593	22441458 -	0	0
ENSG0000(TTTY6B	antisense chrY	22144966	22146831 +	0	0
ENSG0000(EXOC4	protein_co chr7	1.33E+08	1.34E+08 +	24.39	24.95
ENSG0000(ACAP3	protein_co chr1	1292376	1309609 -	29.74	32.5
ENSG0000(C1orf159	protein_co chr1	1081818	1116361 -	3.87	4.11
ENSG0000(ANO1	protein_co chr11	70078302	70189528 +	0.12	0
ENSG0000(PPFIA1	protein_co chr11	70270700	70384403 +	23.87	28.73
ENSG0000(TMEM204	protein_co chr16	1528688	1555580 +	6	6.91
ENSG0000(KREMEN2	protein_co chr16	2963944	2968383 +	0	0

ENSG0000(THOC6	protein_co chr16	3024027	3027755 +	15.08	13.18
ENSG0000(TRAF7	protein_co chr16	2155698	2178129 +	34.02	41.1
ENSG0000(BARX1	protein_co chr9	93951622	93955372 -	0.09	0.05
ENSG0000(NINJ1	protein_co chr9	93121489	93134288 -	32.43	37.04
ENSG0000(CA6	protein_co chr1	8945867	8975092 +	0	0.17
ENSG0000(NPHP4	protein_co chr1	5862811	5992473 -	3.72	3.66
ENSG0000(MAP1B	protein_co chr5	72107234	72209570 +	22.27	22.22
ENSG0000(RHOXF2	protein_co chrX	1.2E+08	1.2E+08 +	0	0
ENSG0000(IL13RA1	protein_co chrX	1.19E+08	1.19E+08 +	28.8	29.91
ENSG0000(WDR44	protein_co chrX	1.18E+08	1.18E+08 +	6.63	6.38
ENSG0000(CKMT2	protein_co chr5	81233285	81266397 +	0.23	0.2
ENSG0000(ZCCHC9	protein_co chr5	81301590	81313297 +	7.57	8.23
ENSG0000(KRT34	protein_co chr17	41377650	41382403 -	0	0
ENSG0000(KRT33B	protein_co chr17	41363494	41369800 -	0	0
ENSG0000(TNS4	protein_co chr17	40475828	40501597 -	0.15	0
ENSG0000(TOP2A	protein_co chr17	40388516	40417950 -	0.59	0.73
ENSG0000(STARD3	protein_co chr17	39637065	39663484 +	19.48	24.03
ENSG0000(RARA	protein_co chr17	40309192	40357643 +	15.14	17.26
ENSG0000(PPP1R1B	protein_co chr17	39626740	39636626 +	1.39	2.17
ENSG0000(KHDRBS3	protein_co chr8	1.35E+08	1.36E+08 +	13.47	12.89
ENSG0000(CHD1L	protein_co chr1	1.47E+08	1.47E+08 +	12.5	9.07
ENSG0000(PEX11B	protein_co chr1	1.46E+08	1.46E+08 -	12.91	12.72
ENSG0000(FMO5	protein_co chr1	1.47E+08	1.47E+08 -	0.78	0.64
ENSG0000(PIAS3	protein_co chr1	1.46E+08	1.46E+08 -	19.33	19.45
ENSG0000(PRKAB2	protein_co chr1	1.47E+08	1.47E+08 -	8.02	9.74
ENSG0000(CLUHP3	transcribec chr16	31700590	31711986 +	3.4	3.73
ENSG0000(FSHB	protein_co chr11	30231016	30235261 +	0	0
ENSG0000(PDHA1	protein_co chrX	19343893	19361705 +	50.48	46.11
ENSG0000(RAI2	protein_co chrX	17800049	17861337 -	0	0.19
ENSG0000(MCCC2	protein_co chr5	71587288	71658704 +	10.64	11.83
ENSG0000(ZNF304	protein_co chr19	57351307	57359898 +	3.05	4.03
ENSG0000(ZSCAN5A	protein_co chr19	56219670	56368383 -	4.26	1.91
ENSG0000(ZNF132	protein_co chr19	58432814	58440222 -	2.25	1.48
ENSG0000(USP29	protein_co chr19	57119138	57131926 +	0	0
ENSG0000(SELENOS	protein_co chr15	1.01E+08	1.01E+08 -	40.43	38.26
ENSG0000(CHSY1	protein_co chr15	1.01E+08	1.01E+08 -	15.82	14.31
ENSG0000(SNRPA1	protein_co chr15	1.01E+08	1.01E+08 -	11.52	13.31
ENSG0000(KRT17P1	transcribec chr17	16840743	16845883 -	0	0
ENSG0000(LLGL1	protein_co chr17	18225587	18244875 +	18.92	18.95
ENSG0000(NROB2	protein_co chr1	26911489	26913966 -	0	0
ENSG0000(LIN28A	protein_co chr1	26410778	26429722 +	0	0.03
ENSG0000(THAP1	protein_co chr8	42836674	42843325 -	3.31	6.38
ENSG0000(RHPN2	protein_co chr19	32978593	33064888 -	2.91	2.84
ENSG0000(C19orf12	protein_co chr19	29698886	29715789 -	11.57	14.39
ENSG0000(FAAP24	protein_co chr19	32972209	32978222 +	2.38	1.8

ENSG0000(LRRC9	protein_co chr14	59919713	60063559 +	0	0
ENSG0000(ACR10	protein_co chr14	58200080	58235636 +	39.12	43.21
ENSG0000(ABHD12B	protein_co chr14	50872160	50904970 +	0	0.04
ENSG0000(GCH1	protein_co chr14	54842008	54902852 -	1.77	1.39
ENSG0000(LGALS3	protein_co chr14	55124110	55145413 +	368.47	387.64
ENSG0000(UBE2L2	processed_chr12	20449655	20450083 -	0	0
ENSG0000(PODNL1	protein_co chr19	13931187	13953392 -	7.55	8.45
ENSG0000(DNAJB1	protein_co chr19	14514770	14529770 -	44.44	46.71
ENSG0000(ZSWIM4	protein_co chr19	13795460	13832230 +	3.99	3.45
ENSG0000(FBXW9	protein_co chr19	12688053	12696643 -	4.87	4.37
ENSG0000(RFX1	protein_co chr19	13961538	14007039 -	3.15	3.2
ENSG0000(ZNF20	protein_co chr19	12092843	12140407 -	1.06	0.69
ENSG0000(C19orf57	protein_co chr19	13882348	13906452 -	0.66	0.61
ENSG0000(DCAF15	protein_co chr19	13952492	13961449 +	9.54	7.45
ENSG0000(CC2D1A	protein_co chr19	13906201	13930879 +	11.53	12.17
ENSG0000(RTBDN	protein_co chr19	12825478	12835428 -	0	0
ENSG0000(MATN3	protein_co chr2	19992111	20012694 -	1	1.23
ENSG0000(TRIM21	protein_co chr11	4384897	4393696 -	8.25	7.74
ENSG0000(SPATA6	protein_co chr1	48295372	48472208 -	4.23	3.59
ENSG0000(LRRC41	protein_co chr1	46261196	46303608 -	35.3	33.77
ENSG0000(CCT6B	protein_co chr17	34927859	34981078 -	0.66	1.54
ENSG0000(DHX30	protein_co chr3	47802909	47850195 +	15.85	15.64
ENSG0000(RAF1	protein_co chr3	12583601	12664226 -	30.31	27.72
ENSG0000(SLC6A11	protein_co chr3	10816200	10940733 +	0.04	0.07
ENSG0000(PPARG	protein_co chr3	12287368	12434356 +	0.56	0.58
ENSG0000(NUP210	protein_co chr3	13316235	13420309 -	0	0
ENSG0000(FCRLA	protein_co chr1	1.62E+08	1.62E+08 +	1.7	1.21
ENSG0000(HSD17B7	protein_co chr1	1.63E+08	1.63E+08 +	5.04	4.58
ENSG0000(ENOSF1	protein_co chr18	670324	712676 -	19.12	17.09
ENSG0000(LINC00470	lincRNA chr18	1254383	1408344 -	0	0.17
ENSG0000(EMILIN2	protein_co chr18	2847030	2915993 +	8.22	6.58
ENSG0000(SLX1A	protein_co chr16	30193887	30197561 +	13.02	11.18
ENSG0000(ARFIP2	protein_co chr11	6474683	6481479 -	27.94	26.56
ENSG0000(TRIM5	protein_co chr11	5663557	5938619 -	9.75	10.19
ENSG0000(CNGA4	protein_co chr11	6234765	6244429 +	0.06	0.1
ENSG0000(TRIM22	protein_co chr11	5689689	5737089 +	80.88	93.79
ENSG0000(RRP8	protein_co chr11	6595075	6603620 -	6.59	8.51
ENSG0000(TIMM10B	protein_co chr11	6481447	6484679 +	14.42	11.01
ENSG0000(EFR3A	protein_co chr8	1.32E+08	1.32E+08 +	17.46	21.31
ENSG0000(HHLA1	protein_co chr8	1.32E+08	1.32E+08 -	0.05	0.06
ENSG0000(PTCD3	protein_co chr2	86106182	86142157 +	22.49	27.83
ENSG0000(IMMT	protein_co chr2	86143932	86195770 -	20.38	21.16
ENSG0000(MRPL35	protein_co chr2	86199355	86213794 +	11.3	14.18
ENSG0000(IQCA1	protein_co chr2	2.36E+08	2.37E+08 -	0	0.05
ENSG0000(ILKAP	protein_co chr2	2.38E+08	2.38E+08 -	12.5	11.22

ENSG0000(PER2	protein_co chr2	2.38E+08	2.38E+08 -	3.02	2.29
ENSG0000(RAMP1	protein_co chr2	2.38E+08	2.38E+08 +	12.76	13.4
ENSG0000(SCLY	protein_co chr2	2.38E+08	2.38E+08 +	4.34	3.53
ENSG0000(PTPRE	protein_co chr10	1.28E+08	1.28E+08 +	0.07	0.27
ENSG0000(RAN	protein_co chr12	1.31E+08	1.31E+08 +	211.5	217.08
ENSG0000(PRKAA1	protein_co chr5	40759379	40798374 -	24	33.27
ENSG0000(CARD6	protein_co chr5	40841184	40860175 +	7.81	8.24
ENSG0000(RAP1GAP2	protein_co chr17	2755705	3037739 +	0.06	0.16
ENSG0000(CLUH	protein_co chr17	2689386	2712663 -	9.57	14.9
ENSG0000(INPP5K	protein_co chr17	1494571	1516888 -	13.12	14.98
ENSG0000(MYBBP1A	protein_co chr17	4538897	4555631 -	10.83	11.1
ENSG0000(RPA1	protein_co chr17	1829702	1900082 +	27.65	31.11
ENSG0000(SERPINF1	protein_co chr17	1761959	1777574 +	311.28	311.59
ENSG0000(UBE2G1	protein_co chr17	4269259	4366628 -	21.74	21.74
ENSG0000(EEFSEC	protein_co chr3	1.28E+08	1.28E+08 +	5.28	5.51
ENSG0000(TBC1D14	protein_co chr4	6909242	7033118 +	12.34	12.6
ENSG0000(TMEM128	protein_co chr4	4235542	4248212 -	8.5	8.19
ENSG0000(COQ3	protein_co chr6	99369400	99394204 -	1.48	1.83
ENSG0000(PNISR	protein_co chr6	99398051	99425331 -	40.93	44.44
ENSG0000(POPDC3	protein_co chr6	1.05E+08	1.05E+08 -	8.43	9.05
ENSG0000(SEC61G	protein_co chr7	54752250	54759974 -	134.66	109.73
ENSG0000(LANCL2	protein_co chr7	55365448	55433742 +	10.06	10.64
ENSG0000(FIGNL1	protein_co chr7	50444128	50542535 -	2.32	2.83
ENSG0000(DDC	protein_co chr7	50458436	50565457 -	0	0
ENSG0000(FTHL17	protein_co chrX	31071241	31072053 -	0	0
ENSG0000(GRSF1	protein_co chr4	70815782	70839945 -	33.67	31.43
ENSG0000(ENAM	protein_co chr4	70628744	70686816 +	0	0
ENSG0000(JCHAIN	protein_co chr4	70655541	70681817 -	1.92	2.79
ENSG0000(ANKRD17	protein_co chr4	73073376	73258798 -	15.38	15.06
ENSG0000(UTP3	protein_co chr4	70688479	70690551 +	12.27	12.91
ENSG0000(ITGB4	protein_co chr17	75721328	75757818 +	0.85	2.23
ENSG0000(WBP2	protein_co chr17	75845699	75856507 -	59.77	60
ENSG0000(H3F3B	protein_co chr17	75776434	75785893 -	255.77	251.04
ENSG0000(UNK	protein_co chr17	75784771	75825799 +	8.56	8.84
ENSG0000(TRIM47	protein_co chr17	75874161	75878575 -	9.8	10.84
ENSG0000(ZRANB2	protein_co chr1	71063291	71081297 -	32.3	29.71
ENSG0000(EIF5A	protein_co chr17	7306999	7312463 +	203.12	211.1
ENSG0000(KDM6B	protein_co chr17	7839904	7854796 +	13.47	14.68
ENSG0000(CLEC10A	protein_co chr17	7074537	7080307 -	0.23	0.14
ENSG0000(SLC52A1	protein_co chr17	5032600	5052009 -	0.05	0.13
ENSG0000(GUCY2D	protein_co chr17	8002594	8020339 +	0.01	0
ENSG0000(GPS2	protein_co chr17	7311324	7315564 -	29.77	30.36
ENSG0000(XAF1	protein_co chr17	6755447	6775647 +	19.31	14.84
ENSG0000(DLG4	protein_co chr17	7189890	7219702 -	13.37	19.25
ENSG0000(RIDA	protein_co chr8	98102344	98117241 -	6.79	7.15

ENSG0000(VPS13B	protein_co chr8	99013266	99877580	+	7.23	7.39
ENSG0000(RGS22	protein_co chr8	99960936	1E+08	-	0	0.08
ENSG0000(MATN2	protein_co chr8	97868840	98036716	+	19.82	25.06
ENSG0000(REEP2	protein_co chr5	1.38E+08	1.38E+08	+	4.35	6.25
ENSG0000(PCBD2	protein_co chr5	1.35E+08	1.35E+08	+	1.38	1.65
ENSG0000(SDF2	protein_co chr17	28648356	28662189	-	41.11	32.27
ENSG0000(FLOT2	protein_co chr17	28879335	28897679	-	49.96	47
ENSG0000(ERAL1	protein_co chr17	28854938	28861067	+	16.32	14.76
ENSG0000(PRMT7	protein_co chr16	68310974	68358563	+	18.41	24.29
ENSG0000(NIP7	protein_co chr16	69339430	69343111	+	7.46	5.75
ENSG0000(TERF2	protein_co chr16	69355561	69408571	-	6.82	9.67
ENSG0000(VPS4A	protein_co chr16	69311356	69326939	+	13.84	12.65
ENSG0000(MTSS1L	protein_co chr16	70661204	70686066	-	14.45	15.08
ENSG0000(HSPA12B	protein_co chr20	3732667	3753111	+	0.26	0.28
ENSG0000(ANKEF1	protein_co chr20	9986126	10058303	+	0.02	0
ENSG0000(SCP2D1	protein_co chr20	18813726	18814392	+	0	0
ENSG0000(PCED1A	protein_co chr20	2835314	2841190	-	16.43	16.02
ENSG0000(SNAP25	protein_co chr20	10218830	10307418	+	0	0
ENSG0000(BTBD3	protein_co chr20	11890723	11926609	+	4.96	5.27
ENSG0000(PCNA	protein_co chr20	5114953	5126626	-	40.3	40.79
ENSG0000(NXT1	protein_co chr20	23350736	23354777	+	5.11	5.68
ENSG0000(POLR3F	protein_co chr20	18467127	18484643	+	2.88	2.8
ENSG0000(RIN2	protein_co chr20	19886521	20002457	+	8.4	10.24
ENSG0000(PTPRA	protein_co chr20	2864184	3039076	+	30.79	31.72
ENSG0000(SSTR4	protein_co chr20	23035386	23036812	+	0	0
ENSG0000(DAP3	protein_co chr1	1.56E+08	1.56E+08	+	38.04	39.18
ENSG0000(RHBG	protein_co chr1	1.56E+08	1.56E+08	+	0.06	0.25
ENSG0000(KIAA0907	protein_co chr1	1.56E+08	1.56E+08	-	17.11	13.08
ENSG0000(ATP1A4	protein_co chr1	1.6E+08	1.6E+08	+	0.02	0.06
ENSG0000(NES	protein_co chr1	1.57E+08	1.57E+08	-	6.28	7.14
ENSG0000(BCAN	protein_co chr1	1.57E+08	1.57E+08	+	0	0.03
ENSG0000(CRP	protein_co chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(ARHGEF11	protein_co chr1	1.57E+08	1.57E+08	-	10.38	11.26
ENSG0000(RAB25	protein_co chr1	1.56E+08	1.56E+08	+	0	0
ENSG0000(HAPLN2	protein_co chr1	1.57E+08	1.57E+08	+	0	0.08
ENSG0000(APCS	protein_co chr1	1.6E+08	1.6E+08	+	0	0
ENSG0000(FCRL2	protein_co chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(DCAF8	protein_co chr1	1.6E+08	1.6E+08	-	59.91	61.65
ENSG0000(SYT11	protein_co chr1	1.56E+08	1.56E+08	+	9.97	9.62
ENSG0000(IGHMBP2	protein_co chr11	68903842	68940602	+	3.69	2.89
ENSG0000(ACY3	protein_co chr11	67642555	67650659	-	0	0
ENSG0000(ALDH3B2	protein_co chr11	67662162	67681200	-	0.05	0
ENSG0000(TESMIN	protein_co chr11	68707440	68751564	-	0	0
ENSG0000(MMACHC	protein_co chr1	45500053	45513382	+	1.96	2.36
ENSG0000(DPH2	protein_co chr1	43970000	43973369	+	4.64	7.68

ENSG0000(TOE1	protein_co chr1	45339670	45343975	+	2.33	2.58
ENSG0000(NASP	protein_co chr1	45583846	45618904	+	26.7	30.46
ENSG0000(MUTYH	protein_co chr1	45329163	45340470	-	4.4	4.88
ENSG0000(CTNBL1	protein_co chr20	37693955	37872129	+	10.86	10.89
ENSG0000(LPIN3	protein_co chr20	41340920	41360582	+	9.49	11.07
ENSG0000(ZSWIM3	protein_co chr20	45857617	45879122	+	2.04	2.09
ENSG0000(RBM38	protein_co chr20	57391407	57409333	+	4.78	4.55
ENSG0000(VSTM2L	protein_co chr20	37903104	37945350	+	0.34	0.47
ENSG0000(OSER1	protein_co chr20	44196496	44210791	-	19.23	21.12
ENSG0000(SERINC3	protein_co chr20	44496221	44522109	-	71.86	65.22
ENSG0000(PPP1R3D	protein_co chr20	59936668	59940297	-	2.1	2.28
ENSG0000(LINC01260	lincRNA chr20	44656451	44696096	-	0.41	0.45
ENSG0000(DMGDH	protein_co chr5	78997606	79236038	-	1.06	0.91
ENSG0000(BHMT2	protein_co chr5	79069717	79089466	+	0.26	0.54
ENSG0000(AP3B1	protein_co chr5	78000525	78294755	-	14.95	15.8
ENSG0000(ZBED3	protein_co chr5	77072072	77087323	-	4.86	5.15
ENSG0000(PATJ	protein_co chr1	61742477	62178675	+	2.76	2.88
ENSG0000(KANK4	protein_co chr1	62236979	62319414	-	0	0
ENSG0000(ANGPTL3	protein_co chr1	62597487	62606159	+	0	0
ENSG0000(SYT4	protein_co chr18	43267878	43277650	-	0.03	0
ENSG0000(SLC14A2	protein_co chr18	45212995	45683686	+	0.2	0.09
ENSG0000(FBXO44	protein_co chr1	11654375	11663327	+	11.81	12.94
ENSG0000(RSG1	protein_co chr1	16231700	16237162	-	4.15	3.07
ENSG0000(CASP9	protein_co chr1	15490832	15526534	-	4.95	4.91
ENSG0000(NMUR2	protein_co chr5	1.52E+08	1.52E+08	-	0	0
ENSG0000(DCTN4	protein_co chr5	1.51E+08	1.51E+08	-	18.62	17.84
ENSG0000(PDE6A	protein_co chr5	1.5E+08	1.5E+08	-	0.53	0.5
ENSG0000(ATP8A2	protein_co chr13	25372071	26025851	+	0	0
ENSG0000(MTUS2	protein_co chr13	28820348	29505947	+	0.23	0.1
ENSG0000(ZMYM5	protein_co chr13	19823482	19863636	-	5.02	3.9
ENSG0000(USPL1	protein_co chr13	30617693	30660770	+	3.61	4.63
ENSG0000(XPO4	protein_co chr13	20777329	20903048	-	2.57	2.88
ENSG0000(TPTE2	protein_co chr13	19422877	19536762	-	0	0
ENSG0000(POMP	protein_co chr13	28659104	28678925	+	38.58	35.26
ENSG0000(CDK8	protein_co chr13	26254104	26405238	+	4.16	5.51
ENSG0000(ALOX5AP	protein_co chr13	30713478	30764426	+	1.38	1.44
ENSG0000(HMGB1P5	transcribec chr3	22381819	22382929	+	0.13	0.76
ENSG0000(WASF3	protein_co chr13	26557703	26688948	+	7.11	6.64
ENSG0000(RNFI7	protein_co chr13	24764152	24879921	+	0.49	1.02
ENSG0000(GPR12	protein_co chr13	26755200	26760785	-	0	0.01
ENSG0000(CHRM3	protein_co chr1	2.39E+08	2.4E+08	+	0.01	0.02
ENSG0000(MYH8	protein_co chr17	10390322	10421950	-	0	0
ENSG0000(MYH10	protein_co chr17	8474205	8630761	-	40.13	48.3
ENSG0000(PEMT	protein_co chr17	17505563	17591708	-	11.66	10.93
ENSG0000(SCO1	protein_co chr17	10672474	10698375	-	11.44	9.03

ENSG0000(MPRIP	protein_co chr17	17042545	17217679	+	47.11	51.26
ENSG0000(CHI3L1	protein_co chr1	2.03E+08	2.03E+08	-	261.54	264.28
ENSG0000(MYBPH	protein_co chr1	2.03E+08	2.03E+08	-	0.03	0.1
ENSG0000(PIK3C2B	protein_co chr1	2.04E+08	2.04E+08	-	2.62	2.31
ENSG0000(DSTYK	protein_co chr1	2.05E+08	2.05E+08	-	7.07	6.98
ENSG0000(CHIT1	protein_co chr1	2.03E+08	2.03E+08	-	0.45	0.47
ENSG0000(SLC41A1	protein_co chr1	2.06E+08	2.06E+08	-	13.88	12.93
ENSG0000(LGR6	protein_co chr1	2.02E+08	2.02E+08	+	0.02	0
ENSG0000(TMCC2	protein_co chr1	2.05E+08	2.05E+08	+	1.57	1.08
ENSG0000(DCLK1	protein_co chr13	35768652	36131306	-	0.26	0.11
ENSG0000(CCNA1	protein_co chr13	36431520	36442882	+	4.57	4.15
ENSG0000(COG6	protein_co chr13	39655627	39791665	+	9.77	11.58
ENSG0000(SPG20	protein_co chr13	36301638	36370180	-	61.81	63.57
ENSG0000(RXFP2	protein_co chr13	31739542	31803388	+	0	0
ENSG0000(EPSTI1	protein_co chr13	42886388	42992271	-	5.16	6.08
ENSG0000(TRPC4	protein_co chr13	37636636	37870425	-	0.18	0.04
ENSG0000(POSTN	protein_co chr13	37562583	37598844	-	68.93	58.77
ENSG0000(RFXAP	protein_co chr13	36819224	36829104	+	1.39	1.13
ENSG0000(TPT1	protein_co chr13	45333471	45341370	-	2678.63	2617.66
ENSG0000(GPALPP1	protein_co chr13	44989529	45037669	+	8.15	6.57
ENSG0000(STOML3	protein_co chr13	38965925	38991066	-	0	0
ENSG0000(KL	protein_co chr13	33016433	33066145	+	0.03	0.02
ENSG0000(RFC3	protein_co chr13	33818049	33966558	+	1.27	1.52
ENSG0000(STARD13	protein_co chr13	33103135	33350630	-	3.1	2.99
ENSG0000(IRS4	protein_co chrX	1.09E+08	1.09E+08	-	0	0
ENSG0000(MORC4	protein_co chrX	1.07E+08	1.07E+08	-	14.28	16.14
ENSG0000(BEX2	protein_co chrX	1.03E+08	1.03E+08	-	0.3	0.46
ENSG0000(RNF128	protein_co chrX	1.07E+08	1.07E+08	+	0.29	0.04
ENSG0000(GNG5P2	processed_chrX	1.1E+08	1.1E+08	-	0	0
ENSG0000(TBC1D8B	protein_co chrX	1.07E+08	1.07E+08	+	7.63	8.68
ENSG0000(TCEAL4	protein_co chrX	1.04E+08	1.04E+08	+	68.44	63.51
ENSG0000(BEX1	protein_co chrX	1.03E+08	1.03E+08	-	1.67	2.72
ENSG0000(FAM104A	protein_co chr17	73207353	73236753	-	12.37	14.97
ENSG0000(SLC39A11	protein_co chr17	72645949	73092712	-	8.05	8.13
ENSG0000(EPHB2	protein_co chr1	22710839	22921500	+	3.99	4.37
ENSG0000(SRRM1	protein_co chr1	24631716	24673267	+	23.53	28.09
ENSG0000(BTBD2	protein_co chr19	1985438	2034881	-	43.07	43.03
ENSG0000(PRAM1	protein_co chr19	8490056	8503112	-	0	0.25
ENSG0000(KMT5C	protein_co chr19	55339853	55348120	+	4.49	4.73
ENSG0000(ZNF414	protein_co chr19	8509678	8514164	-	8.58	8.62
ENSG0000(PDE6B	protein_co chr4	625584	670782	+	0.05	0.18
ENSG0000(HSPBP1	protein_co chr19	55262231	55280381	-	14.79	16.46
ENSG0000(CSNK1G2	protein_co chr19	1941149	1981338	+	26.71	21.11
ENSG0000(SLF1	protein_co chr5	94618347	94739436	+	1.04	0.68
ENSG0000(CNDP2	protein_co chr18	74495816	74523454	+	24.01	28

ENSG0000(MACROD1	protein_co chr11	63998558	64166106 -	8.89	11.24
ENSG0000(WDR74	protein_co chr11	62832342	62841809 -	12.82	13.76
ENSG0000(LGALS12	protein_co chr11	63506084	63516774 +	0.11	0.04
ENSG0000(RTN3	protein_co chr11	63681446	63759891 +	91.81	91.36
ENSG0000(RARRES3	protein_co chr11	63536809	63546462 +	12.16	15.87
ENSG0000(HRASLS2	protein_co chr11	63552770	63563383 -	0	0
ENSG0000(MYH11	protein_co chr16	15703172	15857033 -	0.03	0.46
ENSG0000(FOPNL	protein_co chr16	15865720	15888625 -	11.99	9.16
ENSG0000(MED10	protein_co chr5	6371881	6378594 -	20.05	21.8
ENSG0000(PDZD2	protein_co chr5	31639410	32110931 +	0.04	0.34
ENSG0000(MORC2	protein_co chr22	30925130	30968298 -	10.55	12.76
ENSG0000(LARGE1	protein_co chr22	33162226	33922841 -	3.83	4.61
ENSG0000(GSTT2B	protein_co chr22	23957414	23961186 -	2.28	3.78
ENSG0000(MYO18B	protein_co chr22	25742144	26031041 +	0	0
ENSG0000(SLC2A11	protein_co chr22	23856703	23886309 +	5.58	6.65
ENSG0000(C1QTNF6	protein_co chr22	37180167	37199385 -	18.98	17.28
ENSG0000(GGT2	protein_co chr22	21207973	21227637 -	0	0
ENSG0000(FAM83F	protein_co chr22	39994949	40043529 +	0	0
ENSG0000(SEC14L4	protein_co chr22	30488913	30505711 -	0.05	0.1
ENSG0000(ZDHHC8P1	transcribec chr22	23390606	23402726 -	0	0
ENSG0000(GIMAP6	protein_co chr7	1.51E+08	1.51E+08 -	0	0
ENSG0000(GIMAP4	protein_co chr7	1.51E+08	1.51E+08 +	0	0
ENSG0000(ADCK2	protein_co chr7	1.41E+08	1.41E+08 +	5.99	6.55
ENSG0000(MKRN1	protein_co chr7	1.4E+08	1.4E+08 -	47.53	38.51
ENSG0000(AGAP3	protein_co chr7	1.51E+08	1.51E+08 +	24.9	27.57
ENSG0000(KRBA1	protein_co chr7	1.5E+08	1.5E+08 +	5.45	5.27
ENSG0000(ZNF767P	transcribec chr7	1.5E+08	1.5E+08 -	7.12	5.55
ENSG0000(ACTR3B	protein_co chr7	1.53E+08	1.53E+08 +	2.9	4.82
ENSG0000(NTS	protein_co chr12	85874295	85882992 +	0	0
ENSG0000(BTG1	protein_co chr12	92140278	92145897 -	28.75	26.89
ENSG0000(LRRIQ1	protein_co chr12	85036314	85263224 +	0.47	0.2
ENSG0000(C12orf29	protein_co chr12	88033846	88050160 +	11.56	8.83
ENSG0000(ATP13A3	protein_co chr3	1.94E+08	1.94E+08 -	331.22	305.65
ENSG0000(SFTPD	protein_co chr10	79937740	79982614 -	0	0.23
ENSG0000(DYDC2	protein_co chr10	80344745	80368073 +	0	0
ENSG0000(TMEM254	protein_co chr10	80078646	80092557 +	13.76	11.54
ENSG0000(TMTC1	protein_co chr12	29500840	29784759 -	10.66	9.78
ENSG0000(KRAS	protein_co chr12	25204789	25250936 -	3.69	3.18
ENSG0000(IPO8	protein_co chr12	30628988	30695986 -	12.38	13.46
ENSG0000(LARS	protein_co chr5	1.46E+08	1.46E+08 -	40.48	36.12
ENSG0000(SPINK5	protein_co chr5	1.48E+08	1.48E+08 +	0	0
ENSG0000(IMPA1	protein_co chr8	81657961	81686693 -	10.68	9.9
ENSG0000(LRRCC1	protein_co chr8	85107147	85146076 +	1.2	1.49
ENSG0000(E2F5	protein_co chr8	85177225	85217158 +	3.37	2.19
ENSG0000(CA1	protein_co chr8	85327608	85379014 -	0	0

ENSG0000(CCDC59	protein_co chr12	82223681	82358805 -	14.67	11.28
ENSG0000(SWAP70	protein_co chr11	9664077	9752991 +	23	20.11
ENSG0000(ARNTL	protein_co chr11	13276652	13387266 +	4.62	3.75
ENSG0000(LYVE1	protein_co chr11	10556966	10611689 -	0	0.11
ENSG0000(AMPD3	protein_co chr11	10308313	10507579 +	4.87	3.91
ENSG0000(MICALCL	protein_co chr11	12276080	12359144 +	0.35	0.02
ENSG0000(SBF2	protein_co chr11	9778667	10294207 -	15.84	18.53
ENSG0000(MICAL2	protein_co chr11	12094008	12263789 +	24.96	23.24
ENSG0000(RRAS2	protein_co chr11	14277926	14364506 -	36.58	39
ENSG0000(HSD17B4	protein_co chr5	1.19E+08	1.2E+08 +	79.3	81.6
ENSG0000(ZFC3H1	protein_co chr12	71609472	71667725 -	16.15	16.28
ENSG0000(TEX15	protein_co chr8	30831544	30890606 -	0	0
ENSG0000(SARAF	protein_co chr8	30063012	30083208 -	121.9	117.58
ENSG0000(RNF122	protein_co chr8	33547755	33567125 -	6.69	7.53
ENSG0000(DUSP26	protein_co chr8	33591332	33600106 -	0.18	0
ENSG0000(DPF2	protein_co chr11	65333754	65353249 +	28.69	23.74
ENSG0000(MEN1	protein_co chr11	64803510	64811294 -	12.92	14.77
ENSG0000(C14orf1	protein_co chr14	75649791	75661189 -	12.32	12.34
ENSG0000(GSC	protein_co chr14	94768216	94770230 -	0.19	0.41
ENSG0000(C14orf159	protein_co chr14	91060333	91225632 +	21.68	25.81
ENSG0000(UNC79	protein_co chr14	93333219	93707876 +	0.03	0.05
ENSG0000(NUMB	protein_co chr14	73275107	73463642 -	38.01	39.53
ENSG0000(CATSPERB	protein_co chr14	91580696	91780707 -	0	0
ENSG0000(VRTN	protein_co chr14	74303069	74360008 +	0	0
ENSG0000(COX16	protein_co chr14	70325081	70359731 -	15.41	16.85
ENSG0000(TTC9	protein_co chr14	70641787	70675360 +	0.07	0.07
ENSG0000(MED6	protein_co chr14	70581257	70600690 -	10.45	10.29
ENSG0000(EIF2S1	protein_co chr14	67359997	67386516 +	29.44	32.45
ENSG0000(ADAM20	protein_co chr14	70522358	70535015 -	0.02	0.04
ENSG0000(LOXL2	protein_co chr8	23297189	23425328 -	288.86	248.66
ENSG0000(ELP3	protein_co chr8	28089673	28191156 +	10.3	9.67
ENSG0000(PEBP4	protein_co chr8	22713251	23000000 -	0.56	0.23
ENSG0000(ADAMDEC	protein_co chr8	24384285	24406013 +	0	0
ENSG0000(CTIF	protein_co chr18	48539046	48863217 +	36.22	40.26
ENSG0000(MRO	protein_co chr18	50795120	50825402 -	0.41	0.27
ENSG0000(MBD2	protein_co chr18	54151601	54224788 -	58.81	65.71
ENSG0000(IER3IP1	protein_co chr18	47152834	47176374 -	8.09	7.51
ENSG0000(MRPS36	protein_co chr5	69217760	69230129 +	9.03	15.66
ENSG0000(CCNB1	protein_co chr5	69167010	69178245 +	2.8	2.39
ENSG0000(CDK7	protein_co chr5	69234795	69277430 +	15.87	15.75
ENSG0000(CD180	protein_co chr5	67179613	67196799 -	0.36	0.32
ENSG0000(IRAK2	protein_co chr3	10164865	10243743 +	2.19	2.24
ENSG0000(CAMK1	protein_co chr3	9757342	9769992 -	13.4	10.63
ENSG0000(THUMPD3	protein_co chr3	9362842	9386791 +	18.18	19.87
ENSG0000(VHL	protein_co chr3	10141008	10152220 +	11.75	13.26

ENSG0000(BHLHE40	protein_co chr3	4979116	4985323 +	29.2	31.24
ENSG0000(ARL8B	protein_co chr3	5122220	5180912 +	51.31	46.39
ENSG0000(EDM1	protein_co chr3	5187646	5219957 +	16.43	17.56
ENSG0000(CNTN6	protein_co chr3	1092576	1404217 +	0.13	0.03
ENSG0000(CHL1	protein_co chr3	196596	409417 +	0	0
ENSG0000(MEIS2	protein_co chr15	36889204	37101299 -	23.41	28.36
ENSG0000(DPH6	protein_co chr15	35217345	35546193 -	6.01	5.09
ENSG0000(KATNBL1	protein_co chr15	34140674	34210096 -	12.68	12.67
ENSG0000(EMC7	protein_co chr15	34084017	34101948 -	58.85	52.38
ENSG0000(TRPM1	protein_co chr15	31001061	31161273 -	0	0
ENSG0000(GNAT2	protein_co chr1	1.1E+08	1.1E+08 -	0.33	0.28
ENSG0000(GSTM1	protein_co chr1	1.1E+08	1.1E+08 +	33.42	31.69
ENSG0000(PRPF38B	protein_co chr1	1.09E+08	1.09E+08 +	13.41	15.1
ENSG0000(REG4	protein_co chr1	1.2E+08	1.2E+08 -	0	0
ENSG0000(TSPAN2	protein_co chr1	1.15E+08	1.15E+08 -	0.17	0
ENSG0000(TSHB	protein_co chr1	1.15E+08	1.15E+08 +	0	0
ENSG0000(GSTM5	protein_co chr1	1.1E+08	1.1E+08 +	1.26	1
ENSG0000(GSTM3	protein_co chr1	1.1E+08	1.1E+08 -	40.05	39.12
ENSG0000(SYT6	protein_co chr1	1.14E+08	1.14E+08 -	0	0
ENSG0000(VAV3	protein_co chr1	1.08E+08	1.08E+08 -	0	0
ENSG0000(CHIA	protein_co chr1	1.11E+08	1.11E+08 +	0	0
ENSG0000(PSRC1	protein_co chr1	1.09E+08	1.09E+08 -	2.03	1.28
ENSG0000(HMGCS2	protein_co chr1	1.2E+08	1.2E+08 -	0	0
ENSG0000(PTPN22	protein_co chr1	1.14E+08	1.14E+08 -	0.63	0.66
ENSG0000(SORT1	protein_co chr1	1.09E+08	1.09E+08 -	3.01	3.35
ENSG0000(WNT2B	protein_co chr1	1.12E+08	1.13E+08 +	0.53	0.73
ENSG0000(PTGFRN	protein_co chr1	1.17E+08	1.17E+08 +	54.02	57.2
ENSG0000(LAMTOR5	protein_co chr1	1.1E+08	1.1E+08 -	81.72	76.67
ENSG0000(ADAM30	protein_co chr1	1.2E+08	1.2E+08 -	0	0
ENSG0000(NOTCH2	protein_co chr1	1.2E+08	1.2E+08 -	30.28	31.03
ENSG0000(TRIM45	protein_co chr1	1.17E+08	1.17E+08 -	2.17	1.75
ENSG0000(CEPT1	protein_co chr1	1.11E+08	1.11E+08 +	15.15	15.64
ENSG0000(CD101	protein_co chr1	1.17E+08	1.17E+08 +	0.55	1.42
ENSG0000(VTCN1	protein_co chr1	1.17E+08	1.17E+08 -	0.06	0
ENSG0000(NGF	protein_co chr1	1.15E+08	1.15E+08 -	2.25	3.94
ENSG0000(AP4B1	protein_co chr1	1.14E+08	1.14E+08 -	5.68	3.98
ENSG0000(NAPG	protein_co chr18	10525905	10552761 +	6.43	6.43
ENSG0000(SPIRE1	protein_co chr18	12446512	12658134 -	9.04	11.58
ENSG0000(PPHLN1	protein_co chr12	42238447	42459715 +	20.68	22.07
ENSG0000(FKBP11	protein_co chr12	48921518	48926474 -	32.56	27.78
ENSG0000(ARF3	protein_co chr12	48935723	48957551 -	54.97	54.81
ENSG0000(TMEM106	protein_co chr12	47963569	47968878 +	19.83	23.61
ENSG0000(SLC38A2	protein_co chr12	46358189	46372867 -	298.14	245.56
ENSG0000(PLEKHA8P1	transcribed chr12	45173064	45216041 -	2.17	1.47
ENSG0000(YWHAQ	protein_co chr2	9583972	9631014 -	159.23	158.27

ENSG0000(KIDINS220	protein_co chr2	8721081	8837630 -	26.03	25.09
ENSG0000(GRHL1	protein_co chr2	9951693	10002277 +	0.1	0.16
ENSG0000(ROCK2	protein_co chr2	11179761	11348330 -	11.46	10.96
ENSG0000(RSAD2	protein_co chr2	6865806	6898239 +	0.17	0.73
ENSG0000(MYCN	protein_co chr2	15940564	15947007 +	0	0
ENSG0000(LPIN1	protein_co chr2	11677595	11827409 +	33.29	37.51
ENSG0000(CMPK2	protein_co chr2	6840570	6866635 -	1.08	0.69
ENSG0000(IAH1	protein_co chr2	9473658	9496543 +	38.68	33.59
ENSG0000(LDHA	protein_co chr11	18394388	18408425 +	1089.13	929.66
ENSG0000(SAA2	protein_co chr11	18239223	18248643 -	4.38	3.39
ENSG0000(ANO3	protein_co chr11	26309599	26663288 +	0.44	0.34
ENSG0000(IL6ST	protein_co chr5	55935095	55994993 -	483.46	492.15
ENSG0000(FST	protein_co chr5	53480409	53487134 +	165	145.82
ENSG0000(CFHR4	protein_co chr1	1.97E+08	1.97E+08 +	0	0
ENSG0000(NAV1	protein_co chr1	2.02E+08	2.02E+08 +	29.15	29.75
ENSG0000(CDC73	protein_co chr1	1.93E+08	1.93E+08 +	5.09	4.68
ENSG0000(TIMM17A	protein_co chr1	2.02E+08	2.02E+08 +	25.11	22.39
ENSG0000(CRB1	protein_co chr1	1.97E+08	1.97E+08 +	0.01	0
ENSG0000(CFHR5	protein_co chr1	1.97E+08	1.97E+08 +	0	0
ENSG0000(ERN2	protein_co chr16	23690326	23713500 -	0.09	0.02
ENSG0000(RPS15A	protein_co chr16	18781295	18790383 -	837.16	867.5
ENSG0000(RAX	protein_co chr18	59267035	59274086 -	0	0
ENSG0000(NARS	protein_co chr18	57600656	57622213 -	84.51	81.35
ENSG0000(GRP	protein_co chr18	59220168	59230774 +	0	0
ENSG0000(KIAA1468	protein_co chr18	62187258	62307829 +	12.49	13.72
ENSG0000(FBXO18	protein_co chr10	5890203	5937594 +	25.8	29.02
ENSG0000(RBM17	protein_co chr10	6088987	6117457 +	46.04	43.02
ENSG0000(IL2RA	protein_co chr10	6010689	6062325 -	0	0
ENSG0000(ANKRD16	protein_co chr10	5861617	5889906 -	3.49	3.47
ENSG0000(ECHDC3	protein_co chr10	11742366	11764070 +	0	0
ENSG0000(IL15RA	protein_co chr10	5943639	5978187 -	12.9	11.98
ENSG0000(CCNH	protein_co chr5	87391494	87413019 -	14.27	14.44
ENSG0000(HRH4	protein_co chr18	24460629	24479957 +	0.01	0.03
ENSG0000(TMEM241	protein_co chr18	23197144	23437961 -	3.24	2.3
ENSG0000(KCTD1	protein_co chr18	26454910	26657401 -	7.3	6.61
ENSG0000(CABLES1	protein_co chr18	23134564	23260467 +	13.67	12.76
ENSG0000(DOCK2	protein_co chr5	1.7E+08	1.7E+08 +	0.98	2.14
ENSG0000(EMP1	protein_co chr12	13196716	13219939 +	131.51	145.79
ENSG0000(SOX5	protein_co chr12	23529500	23951032 -	0	0.05
ENSG0000(RERG	protein_co chr12	15107783	15348675 -	0.39	0.14
ENSG0000(SLCO1B1	protein_co chr12	21131202	21239246 +	0	0
ENSG0000(KLRD1	protein_co chr12	10226058	10329600 +	0.21	0.08
ENSG0000(KLRC1	protein_co chr12	10442264	10454685 -	0	0
ENSG0000(SPX	protein_co chr12	21526307	21537377 +	0	0.03
ENSG0000(PRH2	protein_co chr12	10929236	10932341 +	0	0

ENSG0000(LRP4	protein_co chr11	46856868	46918642	-	3.04	3.15
ENSG0000(MYBPC3	protein_co chr11	47331397	47352702	-	0	0
ENSG0000(DDB2	protein_co chr11	47214465	47239240	+	38.68	42.46
ENSG0000(ACP2	protein_co chr11	47239302	47248906	-	12.02	11.75
ENSG0000(USP26	protein_co chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(FAM127A	protein_co chrX	1.35E+08	1.35E+08	+	143.57	151.76
ENSG0000(RAB33A	protein_co chrX	1.3E+08	1.3E+08	+	0.47	0.77
ENSG0000(SOX3	protein_co chrX	1.41E+08	1.41E+08	-	0	0
ENSG0000(RBMX2	protein_co chrX	1.3E+08	1.3E+08	+	10.74	9.93
ENSG0000(STK26	protein_co chrX	1.32E+08	1.32E+08	+	0.67	0.44
ENSG0000(FOLH1B	transcribec chr11	89639227	89698718	+	0	0
ENSG0000(PIWIL4	protein_co chr11	94543840	94621421	+	1.39	0.8
ENSG0000(MTNR1B	protein_co chr11	92969720	92985066	+	0	0
ENSG0000(PUM1	protein_co chr1	30931506	31065991	-	23.1	24.21
ENSG0000(SPOCD1	protein_co chr1	31790422	31816051	-	9.13	6.8
ENSG0000(YARS	protein_co chr1	32775237	32818153	-	81.64	77.96
ENSG0000(PHC2	protein_co chr1	33323623	33431052	-	34.38	32.44
ENSG0000(CDCA8	protein_co chr1	37692418	37709719	+	0.13	0.11
ENSG0000(GNL2	protein_co chr1	37566816	37595935	-	14.77	13.84
ENSG0000(AGO4	protein_co chr1	35808172	35857890	+	5.16	8.25
ENSG0000(HOOK1	protein_co chr1	59814786	59876378	+	0	0
ENSG0000(CYP2J2	protein_co chr1	59893308	59926790	-	0	0.1
ENSG0000(BTF3L4	protein_co chr1	52056125	52090716	+	27.6	27.9
ENSG0000(ZCCHC11	protein_co chr1	52408282	52553487	-	13.56	15
ENSG0000(PRPF38A	protein_co chr1	52404564	52420839	+	8.83	10.13
ENSG0000(DSC2	protein_co chr18	31058840	31102415	-	0	0
ENSG0000(DSG3	protein_co chr18	31447795	31478702	+	0.18	0.08
ENSG0000(RNF138	protein_co chr18	32091855	32131561	+	6.45	7.61
ENSG0000(ELP2	protein_co chr18	36129444	36180556	+	32.72	41.23
ENSG0000(DSG1	protein_co chr18	31318089	31357029	+	0	0
ENSG0000(DSC3	protein_co chr18	30990008	31042815	-	0.03	0.06
ENSG0000(DSC1	protein_co chr18	31129236	31162856	-	0	0
ENSG0000(DTNA	protein_co chr18	34493290	34891844	+	9.78	8.46
ENSG0000(FHOD3	protein_co chr18	36297714	36780055	+	5.93	7.43
ENSG0000(TPGS2	protein_co chr18	36777647	36829216	-	73.36	63.79
ENSG0000(DAGLA	protein_co chr11	61680433	61747001	+	1.49	1.7
ENSG0000(SLC43A3	protein_co chr11	57406954	57427580	-	43.78	38.38
ENSG0000(TIMM10	protein_co chr11	57528463	57530803	-	14.41	17.61
ENSG0000(GIF	protein_co chr11	59829268	59845501	-	0	0
ENSG0000(DHX34	protein_co chr19	47349281	47382704	+	3.58	3.67
ENSG0000(APLNR	protein_co chr11	57233577	57237314	-	0	0.02
ENSG0000(FADS2	protein_co chr11	61792980	61867354	+	198.07	207.36
ENSG0000(TMEM258	protein_co chr11	61768501	61792802	-	124.29	128.9
ENSG0000(TCN1	protein_co chr11	59852800	59866575	-	0.52	0.39
ENSG0000(C5AR2	protein_co chr19	47332147	47347327	+	0.16	0.12

ENSG0000(TMEM165	protein_co chr4	55395957	55453397	+	43.37	36.13
ENSG0000(CLOCK	protein_co chr4	55427903	55547138	-	3.97	4.91
ENSG0000(PDGFR	protein_co chr4	54229097	54298247	+	159.09	144.16
ENSG0000(GGACT	protein_co chr13	1.01E+08	1.01E+08	-	5.46	4.36
ENSG0000(COL4A2	protein_co chr13	1.1E+08	1.11E+08	+	90.48	95.02
ENSG0000(CLDN10	protein_co chr13	95433604	95579759	+	0	0
ENSG0000(DZIP1	protein_co chr13	95578202	95644703	-	10.02	9.93
ENSG0000(UBAC2	protein_co chr13	99200774	99386434	+	24.65	26.87
ENSG0000(ARGLU1	protein_co chr13	1.07E+08	1.07E+08	-	58.78	54.74
ENSG0000(BIVM	protein_co chr13	1.03E+08	1.03E+08	+	9.6	10.68
ENSG0000(ERCC5	protein_co chr13	1.03E+08	1.03E+08	+	9.45	13.72
ENSG0000(TPP2	protein_co chr13	1.03E+08	1.03E+08	+	11.44	12.13
ENSG0000(KDEL1	protein_co chr13	1.03E+08	1.03E+08	-	9.79	10.45
ENSG0000(CARS2	protein_co chr13	1.11E+08	1.11E+08	-	38.06	33.57
ENSG0000(ARHGAP32	protein_co chr11	1.29E+08	1.29E+08	-	5.89	5.95
ENSG0000(STT3A	protein_co chr11	1.26E+08	1.26E+08	+	94.42	92.67
ENSG0000(ADAMTS8	protein_co chr11	1.3E+08	1.3E+08	-	0	0
ENSG0000(ACRV1	protein_co chr11	1.26E+08	1.26E+08	-	0.06	0.15
ENSG0000(ETS1	protein_co chr11	1.28E+08	1.29E+08	-	16.43	15.63
ENSG0000(SLC37A2	protein_co chr11	1.25E+08	1.25E+08	+	1.04	0.95
ENSG0000(KLB	protein_co chr4	39406853	39451536	+	0.01	0.04
ENSG0000(TMED7	protein_co chr5	1.16E+08	1.16E+08	-	29.96	32.88
ENSG0000(APC	protein_co chr5	1.13E+08	1.13E+08	+	7.35	5.58
ENSG0000(NREP	protein_co chr5	1.12E+08	1.12E+08	-	51.64	45.51
ENSG0000(WDR36	protein_co chr5	1.11E+08	1.11E+08	+	7.79	6.87
ENSG0000(OSTF1	protein_co chr9	75088543	75147265	+	14.98	13.23
ENSG0000(RFK	protein_co chr9	76385517	76394517	-	8.84	15.56
ENSG0000(UBQLN1	protein_co chr9	83659963	83708203	-	28.97	26.46
ENSG0000(NAA35	protein_co chr9	85941146	86022298	+	8.05	6.31
ENSG0000(C9orf40	protein_co chr9	74946581	74952886	-	1.66	1.3
ENSG0000(ANXA1	protein_co chr9	73151757	73170393	+	420.91	400.69
ENSG0000(CTSL	protein_co chr9	87725519	87731393	+	212.49	218.03
ENSG0000(TMEM2	protein_co chr9	71683366	71816690	-	9.6	7.4
ENSG0000(AGTPBP1	protein_co chr9	85546539	85742029	-	4.24	4.43
ENSG0000(GOLM1	protein_co chr9	86026146	86100173	-	34.19	34.65
ENSG0000(FAM189A2	protein_co chr9	69324572	69392455	+	0.17	0
ENSG0000(PSAT1	protein_co chr9	78297143	78330093	+	43.05	45.58
ENSG0000(ISCA1	protein_co chr9	86264546	86283102	-	20.87	22.43
ENSG0000(ADAM19	protein_co chr5	1.57E+08	1.58E+08	-	15.09	13.33
ENSG0000(HAVCR2	protein_co chr5	1.57E+08	1.57E+08	-	0.12	0.03
ENSG0000(CCNJL	protein_co chr5	1.6E+08	1.6E+08	-	0.23	0.37
ENSG0000(TAOK3	protein_co chr12	1.18E+08	1.18E+08	-	12.55	9.43
ENSG0000(USP30	protein_co chr12	1.09E+08	1.09E+08	+	5.39	6.38
ENSG0000(SDS	protein_co chr12	1.13E+08	1.13E+08	-	0	0
ENSG0000(MSI1	protein_co chr12	1.2E+08	1.2E+08	-	0.11	0

ENSG0000(HNF1A	protein_co chr12	1.21E+08	1.21E+08 +	0.07	0
ENSG0000(FBXO21	protein_co chr12	1.17E+08	1.17E+08 -	16.15	18.81
ENSG0000(TBX3	protein_co chr12	1.15E+08	1.15E+08 -	6.77	7.94
ENSG0000(OASL	protein_co chr12	1.21E+08	1.21E+08 -	0	0
ENSG0000(HRK	protein_co chr12	1.17E+08	1.17E+08 -	0.06	0.01
ENSG0000(RNFT2	protein_co chr12	1.17E+08	1.17E+08 +	0.13	0.15
ENSG0000(P2RX4	protein_co chr12	1.21E+08	1.21E+08 +	7.91	6.02
ENSG0000(BICDL1	protein_co chr12	1.2E+08	1.2E+08 +	0	0.23
ENSG0000(DTX1	protein_co chr12	1.13E+08	1.13E+08 +	0.18	0.66
ENSG0000(TRAFF1	protein_co chr12	1.12E+08	1.12E+08 +	17.77	17.35
ENSG0000(DMTF1	protein_co chr7	87152361	87196337 +	25.47	27.02
ENSG0000(OCM2	protein_co chr7	97984684	97991169 -	0	0
ENSG0000(TMEM243	protein_co chr7	87196160	87220587 -	10.61	10.4
ENSG0000(CCDC146	protein_co chr7	77122434	77329533 +	1.16	2.11
ENSG0000(TMEM60	protein_co chr7	77793728	77798580 -	15.19	12.66
ENSG0000(CD36	protein_co chr7	80369575	80679277 +	1.58	0.73
ENSG0000(UGT2A3	protein_co chr4	68928463	68951791 -	0	0
ENSG0000(CSN2	protein_co chr4	69955256	69961007 -	0	0
ENSG0000(UGT2B28	protein_co chr4	69280499	69295050 +	0	0
ENSG0000(PNPLA8	protein_co chr7	1.08E+08	1.09E+08 -	13.18	13.22
ENSG0000(HILPDA	protein_co chr7	1.28E+08	1.28E+08 +	28	22.5
ENSG0000(FAM71F1	protein_co chr7	1.29E+08	1.29E+08 +	0.07	0.23
ENSG0000(RINT1	protein_co chr7	1.06E+08	1.06E+08 +	5.45	5.71
ENSG0000(SRPK2	protein_co chr7	1.05E+08	1.05E+08 -	21.92	20.79
ENSG0000(KCP	protein_co chr7	1.29E+08	1.29E+08 -	0.43	0.43
ENSG0000(TES	protein_co chr7	1.16E+08	1.16E+08 +	14.18	17.24
ENSG0000(MDFIC	protein_co chr7	1.15E+08	1.15E+08 +	46.26	46.17
ENSG0000(MTO1	protein_co chr6	73461578	73509236 +	9.27	8.17
ENSG0000(ADGRB3	protein_co chr6	68635367	69389511 +	0.01	0.01
ENSG0000(ANKRD6	protein_co chr6	89433170	89633834 +	1.48	1.57
ENSG0000(HTR1B	protein_co chr6	77461753	77463773 -	0	0.03
ENSG0000(KHDC1	protein_co chr6	73241314	73310365 -	2.24	2.16
ENSG0000(CEP162	protein_co chr6	84124241	84227635 -	4.35	3.53
ENSG0000(SYNCRIP	protein_co chr6	85607785	85643792 -	45.83	36.58
ENSG0000(SNX14	protein_co chr6	85505496	85594156 -	27.76	32.67
ENSG0000(NT5E	protein_co chr6	85449584	85495791 +	70.59	53.71
ENSG0000(MRAP2	protein_co chr6	84033756	84090881 +	2.42	2.04
ENSG0000(EPHA7	protein_co chr6	93240020	93419547 -	0	0
ENSG0000(AKIRIN2	protein_co chr6	87675072	87702209 -	13.27	17.96
ENSG0000(ORC3	protein_co chr6	87590067	87667453 +	8.61	9.1
ENSG0000(LCA5	protein_co chr6	79484991	79537458 -	3	2.72
ENSG0000(MAP3K7	protein_co chr6	90513573	90587045 -	10.73	11.01
ENSG0000(CGA	protein_co chr6	87085498	87095406 -	0.22	0
ENSG0000(GJA10	protein_co chr6	89894469	89921760 +	0	0
ENSG0000(PRR5L	protein_co chr11	36296288	36465204 +	7.49	9.03

ENSG0000(LMO2	protein_co chr11	33858576	33892289	-	3.36	3.07
ENSG0000(PHF21A	protein_co chr11	45929323	46121178	-	22.43	21.78
ENSG0000(NAT10	protein_co chr11	34105602	34147670	+	10.68	7.45
ENSG0000(EHF	protein_co chr11	34621093	34661057	+	0.27	0.16
ENSG0000(ELF5	protein_co chr11	34478793	34513805	-	0	0
ENSG0000(PRRG4	protein_co chr11	32829943	32858123	+	0.04	0.02
ENSG0000(CAPRIN1	protein_co chr11	34051683	34101156	+	63.37	74.76
ENSG0000(ATP5G2	protein_co chr12	53632726	53677408	-	282.97	290.57
ENSG0000(DNAJC14	protein_co chr12	55820960	55830824	-	17.87	16.04
ENSG0000(CD63	protein_co chr12	55725323	55729707	-	1417.4	1387.19
ENSG0000(PRPH	protein_co chr12	49293252	49298686	+	0.56	1.07
ENSG0000(AVIL	protein_co chr12	57797376	57818704	-	2.73	1.79
ENSG0000(AMHR2	protein_co chr12	53423855	53431534	+	0.19	0.16
ENSG0000(LACRT	protein_co chr12	54630811	54634895	-	0	0
ENSG0000(GDF11	protein_co chr12	55743280	55757278	+	5.78	4.58
ENSG0000(GLS2	protein_co chr12	56470944	56488414	-	0.52	0.13
ENSG0000(ITGA7	protein_co chr12	55684568	55716043	-	21.45	25.05
ENSG0000(TESPA1	protein_co chr12	54948018	54984746	-	0.01	0.02
ENSG0000(FAM186B	protein_co chr12	49582885	49605639	-	0.09	0.12
ENSG0000(RDH5	protein_co chr12	55720367	55724705	+	6.68	7.63
ENSG0000(AGAP2	protein_co chr12	57723761	57742157	-	0.12	0.14
ENSG0000(BLOC1S1	protein_co chr12	55716037	55720087	+	51.7	58.25
ENSG0000(KRT85	protein_co chr12	52360006	52367481	-	0	0
ENSG0000(CDK4	protein_co chr12	57747727	57756013	-	175	174.23
ENSG0000(PPP1R1A	protein_co chr12	54575387	54588659	-	0	0
ENSG0000(TROAP	protein_co chr12	49323236	49331731	+	0	0.13
ENSG0000(TSPAN31	protein_co chr12	57738013	57750211	+	18.25	18.03
ENSG0000(B4GALNT1	protein_co chr12	57623410	57633355	-	1.73	2.8
ENSG0000(TFCP2	protein_co chr12	51093663	51173134	-	9.2	9.29
ENSG0000(COQ10A	protein_co chr12	56266858	56270966	+	7.72	6.37
ENSG0000(FAIM2	protein_co chr12	49866896	49904217	-	5.33	3.72
ENSG0000(PAN2	protein_co chr12	56316223	56334053	-	9.43	9.38
ENSG0000(ESPL1	protein_co chr12	53268299	53293643	+	0.35	0.28
ENSG0000(KRT87P	transcribec chr12	52250466	52258867	-	0	0.09
ENSG0000(KRT7	protein_co chr12	52232520	52252186	+	30.83	32.27
ENSG0000(ZC3H10	protein_co chr12	56118159	56127514	+	2.37	2.11
ENSG0000(HNRNPA1	protein_co chr12	54280193	54287088	+	407.39	408.07
ENSG0000(SLC26A10	protein_co chr12	57619527	57626151	+	1.61	1.24
ENSG0000(ACVR1B	protein_co chr12	51951667	51997078	+	12.77	12.31
ENSG0000(OS9	protein_co chr12	57693955	57721557	+	250.6	246.89
ENSG0000(MIP	protein_co chr12	56449502	56469166	-	0	0.02
ENSG0000(KCNH3	protein_co chr12	49539157	49558308	+	0.2	0.18
ENSG0000(LTV1	protein_co chr6	1.44E+08	1.44E+08	+	6.9	9.09
ENSG0000(MAP7	protein_co chr6	1.36E+08	1.37E+08	-	0.17	0.11
ENSG0000(CD164	protein_co chr6	1.09E+08	1.09E+08	-	126.52	121.16

ENSG0000(LACE1	protein_co chr6	1.08E+08	1.09E+08	+	1.48	1.45
ENSG0000(NHSL1	protein_co chr6	1.38E+08	1.39E+08	-	8.88	8.45
ENSG0000(AHI1	protein_co chr6	1.35E+08	1.35E+08	-	5.07	5.31
ENSG0000(HEY2	protein_co chr6	1.26E+08	1.26E+08	+	2.48	3.19
ENSG0000(PKIB	protein_co chr6	1.22E+08	1.23E+08	+	1.68	0.83
ENSG0000(TAAR5	protein_co chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(NMBR	protein_co chr6	1.42E+08	1.42E+08	-	0	0.05
ENSG0000(SMPD2	protein_co chr6	1.09E+08	1.09E+08	+	3.98	4.48
ENSG0000(MICAL1	protein_co chr6	1.09E+08	1.09E+08	-	14.29	17.73
ENSG0000(REPS1	protein_co chr6	1.39E+08	1.39E+08	-	8.17	9.93
ENSG0000(STX11	protein_co chr6	1.44E+08	1.44E+08	+	0.78	0.77
ENSG0000(TEC	protein_co chr4	48135783	48269864	-	0.31	0.36
ENSG0000(PRADC1	protein_co chr2	73228006	73233238	-	11.81	12.59
ENSG0000(SEMA4F	protein_co chr2	74654228	74683853	+	8.67	7.78
ENSG0000(CCT7	protein_co chr2	73233420	73253021	+	72.67	67.11
ENSG0000(EGR4	protein_co chr2	73290929	73293705	-	0	0
ENSG0000(RAB11FIP5	protein_co chr2	73073382	73156721	-	19.44	18.4
ENSG0000(SMYD5	protein_co chr2	73214222	73227237	+	8.75	8.69
ENSG0000(DYSF	protein_co chr2	71453722	71686768	+	3.9	3.92
ENSG0000(CCDC142	protein_co chr2	74471986	74483408	-	4.3	5.35
ENSG0000(EMX1	protein_co chr2	72916260	72936071	+	0	0
ENSG0000(KCNMB4	protein_co chr12	70366276	70434292	+	5.17	4.05
ENSG0000(USP15	protein_co chr12	62260338	62417431	+	24.63	20.23
ENSG0000(GNS	protein_co chr12	64713445	64759447	-	136.77	139.51
ENSG0000(CPM	protein_co chr12	68842197	68971570	-	1.1	1.74
ENSG0000(MDM2	protein_co chr12	68808176	68850686	+	54.65	54.31
ENSG0000(KLHL36	protein_co chr16	84648525	84667686	+	17.92	18.92
ENSG0000(BCO1	protein_co chr16	81238448	81291142	+	0.19	0.17
ENSG0000(MPHOSPH1	protein_co chr16	82147798	82170226	-	8.08	7.73
ENSG0000(CHST5	protein_co chr16	75528535	75535247	-	0	0.04
ENSG0000(KIAA0513	protein_co chr16	85027751	85094230	+	4.09	3.78
ENSG0000(DYNC1LI2	protein_co chr16	66720893	66751798	-	42.46	37.26
ENSG0000(FBXL8	protein_co chr16	67159931	67164570	+	7.93	10.37
ENSG0000(FHOD1	protein_co chr16	67229387	67247658	-	7.05	8.67
ENSG0000(CCDC102A	protein_co chr16	57512178	57536599	-	8.14	7.64
ENSG0000(SLC9A5	protein_co chr16	67237683	67272190	+	0.85	0.69
ENSG0000(AGT	protein_co chr1	2.31E+08	2.31E+08	-	0.07	0.08
ENSG0000(ZNF670-ZN	protein_co chr1	2.47E+08	2.47E+08	-	0.24	0.11
ENSG0000(PCNX2	protein_co chr1	2.33E+08	2.33E+08	-	12.19	20.16
ENSG0000(KCNK1	protein_co chr1	2.34E+08	2.34E+08	+	2.3	2.94
ENSG0000(URB2	protein_co chr1	2.3E+08	2.3E+08	+	1.49	1.59
ENSG0000(EGLN1	protein_co chr1	2.31E+08	2.31E+08	-	24.24	19.54
ENSG0000(CAPN9	protein_co chr1	2.31E+08	2.31E+08	+	0	0
ENSG0000(COG2	protein_co chr1	2.31E+08	2.31E+08	+	5.28	4.62
ENSG0000(ABCB10	protein_co chr1	2.3E+08	2.3E+08	-	3.21	3.22

ENSG0000(NTPCR	protein_co chr1	2.33E+08	2.33E+08 +	31.01	32.17
ENSG0000(TAF5L	protein_co chr1	2.3E+08	2.3E+08 -	4.64	4.48
ENSG0000(GLUL	protein_co chr1	1.82E+08	1.82E+08 -	71.62	68.41
ENSG0000(STX6	protein_co chr1	1.81E+08	1.81E+08 -	6.31	7.06
ENSG0000(RGS8	protein_co chr1	1.83E+08	1.83E+08 -	0	0
ENSG0000(RNASEL	protein_co chr1	1.83E+08	1.83E+08 -	4.91	4.53
ENSG0000(DHX9	protein_co chr1	1.83E+08	1.83E+08 +	34.24	30.08
ENSG0000(KIAA1614	protein_co chr1	1.81E+08	1.81E+08 +	4.79	4.69
ENSG0000(CEP350	protein_co chr1	1.8E+08	1.8E+08 +	11.32	9.64
ENSG0000(NPL	protein_co chr1	1.83E+08	1.83E+08 +	1.37	2.86
ENSG0000(FAM129A	protein_co chr1	1.85E+08	1.85E+08 -	32.12	34.59
ENSG0000(PIGC	protein_co chr1	1.72E+08	1.72E+08 -	8.72	9.29
ENSG0000(LAMC1	protein_co chr1	1.83E+08	1.83E+08 +	425.98	439.68
ENSG0000(RC3H1	protein_co chr1	1.74E+08	1.74E+08 -	4.43	2.81
ENSG0000(GPR55	protein_co chr2	2.31E+08	2.31E+08 -	0	0
ENSG0000(SP110	protein_co chr2	2.3E+08	2.3E+08 -	9.42	11.94
ENSG0000(MRPL44	protein_co chr2	2.24E+08	2.24E+08 +	12.14	11.36
ENSG0000(CHRND	protein_co chr2	2.33E+08	2.33E+08 +	0	0
ENSG0000(PAX3	protein_co chr2	2.22E+08	2.22E+08 -	0	0
ENSG0000(DOCK10	protein_co chr2	2.25E+08	2.25E+08 -	3.88	5.41
ENSG0000(TTLL4	protein_co chr2	2.19E+08	2.19E+08 +	11.54	8
ENSG0000(USP37	protein_co chr2	2.18E+08	2.19E+08 -	2.01	1.64
ENSG0000(HTR2B	protein_co chr2	2.31E+08	2.31E+08 -	0.25	0.19
ENSG0000(ITM2C	protein_co chr2	2.31E+08	2.31E+08 +	104.7	100.8
ENSG0000(SLC19A3	protein_co chr2	2.28E+08	2.28E+08 -	1.69	1.46
ENSG0000(SERPINE2	protein_co chr2	2.24E+08	2.24E+08 -	864.71	873.74
ENSG0000(DNAJB2	protein_co chr2	2.19E+08	2.19E+08 +	34.8	33.9
ENSG0000(WNT10A	protein_co chr2	2.19E+08	2.19E+08 +	0	0
ENSG0000(TMBIM1	protein_co chr2	2.18E+08	2.18E+08 -	88.34	91.42
ENSG0000(CYP27A1	protein_co chr2	2.19E+08	2.19E+08 +	20.23	23.14
ENSG0000(EIF4E2	protein_co chr2	2.33E+08	2.33E+08 +	43.89	34.63
ENSG0000(ARMC9	protein_co chr2	2.31E+08	2.31E+08 +	9.09	9.95
ENSG0000(CAB39	protein_co chr2	2.31E+08	2.31E+08 +	20.01	18.32
ENSG0000(COX5B	protein_co chr2	97646040	97648383 +	98.02	99.82
ENSG0000(REV1	protein_co chr2	99400475	99490035 -	7.48	7.42
ENSG0000(TSGA10	protein_co chr2	98997261	99154964 -	1.46	3.19
ENSG0000(MFSD9	protein_co chr2	1.03E+08	1.03E+08 -	2.64	3.94
ENSG0000(TMEM127	protein_co chr2	96248516	96265994 -	30.12	30.78
ENSG0000(EDAR	protein_co chr2	1.09E+08	1.09E+08 -	0	0
ENSG0000(TGFBRAP1	protein_co chr2	1.05E+08	1.05E+08 -	7.69	7.46
ENSG0000(GCC2	protein_co chr2	1.08E+08	1.09E+08 +	10.78	10.13
ENSG0000(MRPS9	protein_co chr2	1.05E+08	1.05E+08 +	9.71	10.48
ENSG0000(GPR45	protein_co chr2	1.05E+08	1.05E+08 +	0	0
ENSG0000(C2orf49	protein_co chr2	1.05E+08	1.05E+08 +	6.63	6.82
ENSG0000(ANKRD36	protein_co chr2	97113496	97264521 +	4.2	3.91

ENSG0000(EPC2	protein_co chr2	1.49E+08	1.49E+08 +	6.37	6.13
ENSG0000(ARHGEF4	protein_co chr2	1.31E+08	1.31E+08 +	0.44	0.77
ENSG0000(ISCU	protein_co chr12	1.09E+08	1.09E+08 +	85.15	90.3
ENSG0000(ALDH1L2	protein_co chr12	1.05E+08	1.05E+08 -	26.39	26.58
ENSG0000(STAB2	protein_co chr12	1.04E+08	1.04E+08 +	0	0
ENSG0000(USP44	protein_co chr12	95516560	95551490 -	0.32	0.23
ENSG0000(SCYL2	protein_co chr12	1E+08	1E+08 +	10.9	9.93
ENSG0000(CKAP4	protein_co chr12	1.06E+08	1.06E+08 -	93.84	85.39
ENSG0000(PLXNC1	protein_co chr12	94148723	94307675 +	0.71	0.91
ENSG0000(APPL2	protein_co chr12	1.05E+08	1.05E+08 -	21.19	24.6
ENSG0000(PWP1	protein_co chr12	1.08E+08	1.08E+08 +	23.78	23.73
ENSG0000(DRAM1	protein_co chr12	1.02E+08	1.02E+08 +	72.97	65.33
ENSG0000(WASHC4	protein_co chr12	1.05E+08	1.05E+08 +	23.02	16.58
ENSG0000(SLC41A2	protein_co chr12	1.05E+08	1.05E+08 -	14.78	14.57
ENSG0000(VILL	protein_co chr3	37988059	38007188 +	2.84	3.43
ENSG0000(FLNB	protein_co chr3	58008400	58172251 +	22.06	23.37
ENSG0000(NEK3	protein_co chr13	52132639	52159861 -	2.83	2.18
ENSG0000(PCDH8	protein_co chr13	52842889	52848641 -	0	0
ENSG0000(VPS36	protein_co chr13	52412602	52450628 -	7.89	10.36
ENSG0000(RNASEH2B	protein_co chr13	50909678	50973745 +	11.55	11.28
ENSG0000(CKAP2	protein_co chr13	52455429	52476628 +	3.62	4.34
ENSG0000(CNMD	protein_co chr13	52703264	52739812 -	0	0
ENSG0000(TBC1D4	protein_co chr13	75284665	75482114 -	5.08	4.87
ENSG0000(THSD1	protein_co chr13	52377167	52406494 -	4.58	5.11
ENSG0000(BORA	protein_co chr13	72727749	72756198 +	0.91	0.91
ENSG0000(LRCH1	protein_co chr13	46553168	46753040 +	4.21	4.72
ENSG0000(SUCLA2	protein_co chr13	47936491	48001354 -	18.45	17.37
ENSG0000(RCBTB1	protein_co chr13	49531946	49585583 -	7.38	8.76
ENSG0000(MED4	protein_co chr13	48053323	48095131 -	27	28.33
ENSG0000(PHF11	protein_co chr13	49495610	49528987 +	12.83	13.79
ENSG0000(RPL13AP25	processed_chr13	54440704	54441315 -	0.43	0.3
ENSG0000(COG3	protein_co chr13	45464898	45536630 +	8.13	11.09
ENSG0000(LMO7	protein_co chr13	75620434	75859870 +	31.97	28.98
ENSG0000(SCEL	protein_co chr13	77535674	77645263 +	0	0
ENSG0000(ITM2B	protein_co chr13	48233158	48270357 +	1030.05	1050.01
ENSG0000(SPRY2	protein_co chr13	80335976	80340951 -	5.04	5.57
ENSG0000(NUDT15	protein_co chr13	48037567	48047222 +	4.61	4.07
ENSG0000(EDNRB	protein_co chr13	77895481	77919768 -	0.15	0.6
ENSG0000(RCBTB2	protein_co chr13	48488959	48533256 -	4.79	3.65
ENSG0000(LCP1	protein_co chr13	46125920	46211871 -	0	0
ENSG0000(SETDB2	protein_co chr13	49444374	49495003 +	2.32	3.63
ENSG0000(SCRN1	protein_co chr7	29920103	29990289 -	32.1	33.56
ENSG0000(C7orf25	protein_co chr7	42908726	42912305 -	1.66	1.7
ENSG0000(TNS3	protein_co chr7	47275154	47582558 -	44.44	45.43
ENSG0000(SPDYE1	protein_co chr7	44000889	44010122 +	0.02	0

ENSG0000(CHST12	protein_co chr7	2403560	2448483	+	10.32	10.18
ENSG0000(IGF2BP3	protein_co chr7	23310209	23470467	-	4.69	3.29
ENSG0000(GPNMB	protein_co chr7	23235967	23275108	+	470.94	478.14
ENSG0000(RAPGEF5	protein_co chr7	22118238	22357144	-	0	0
ENSG0000(RAC1	protein_co chr7	6374523	6403977	+	128.14	118
ENSG0000(KDELRL2	protein_co chr7	6445953	6484242	-	86.63	87.54
ENSG0000(NUPL2	protein_co chr7	23181827	23201011	+	8.61	9.49
ENSG0000(IL6	protein_co chr7	22725884	22732002	+	18.77	12.58
ENSG0000(ZDHHC4	protein_co chr7	6577434	6589374	+	19.91	20
ENSG0000(AOAH	protein_co chr7	36512949	36724549	-	0.1	0
ENSG0000(BZW2	protein_co chr7	16646131	16706523	+	18.04	15.97
ENSG0000(DGKB	protein_co chr7	14145049	14974777	-	0.03	0.04
ENSG0000(TBRG4	protein_co chr7	45100100	45112047	-	19.12	16.48
ENSG0000(DDX56	protein_co chr7	44565417	44575051	-	20.53	20.21
ENSG0000(HUS1	protein_co chr7	47695730	47979581	-	8.03	5.96
ENSG0000(NACAD	protein_co chr7	45080438	45088914	-	1.63	1.62
ENSG0000(C7orf69	antisense chr7	47795291	47819847	+	0.21	0.91
ENSG0000(DBNL	protein_co chr7	44044640	44069456	+	47.51	46.44
ENSG0000(CCM2	protein_co chr7	44999475	45076469	+	23.59	22.07
ENSG0000(MYO1G	protein_co chr7	44962662	44979098	-	0	0
ENSG0000(TTYH3	protein_co chr7	2631951	2664802	+	51.08	49.22
ENSG0000(MMD2	protein_co chr7	4905989	4959213	-	0	0
ENSG0000(CIDEB	protein_co chr14	24305096	24311430	-	0.93	1.07
ENSG0000(RP11-84C1	lincRNA chr14	20919361	20920299	+	0	0
ENSG0000(TTC5	protein_co chr14	20256558	20305994	-	6.58	6.28
ENSG0000(NKX2-8	protein_co chr14	36580579	36582607	-	0	0
ENSG0000(NKX2-1	protein_co chr14	36516392	36521149	-	0	0
ENSG0000(ZFH2	protein_co chr14	23520855	23556192	-	0.22	0.28
ENSG0000(MTHFS	protein_co chr15	79833585	79897379	-	7.35	8.91
ENSG0000(ADAMTS7	protein_co chr15	78759203	78811431	-	20.62	23.08
ENSG0000(ABHD17C	protein_co chr15	80679684	80755621	+	20.24	21.15
ENSG0000(IREB2	protein_co chr15	78437431	78501456	+	15.62	9.63
ENSG0000(ALPK3	protein_co chr15	84816680	84873482	+	0.61	1.35
ENSG0000(TM6SF1	protein_co chr15	83107407	83144854	+	0.35	0.63
ENSG0000(CIB2	protein_co chr15	78104606	78131544	-	2.97	2.41
ENSG0000(CALCOCO2	protein_co chr17	48830988	48866522	+	54.55	51.19
ENSG0000(RSAD1	protein_co chr17	50478800	50485975	+	13.45	14.49
ENSG0000(NMT1	protein_co chr17	45051610	45109016	+	49.07	35.84
ENSG0000(MYCBPAP	protein_co chr17	50508384	50531501	+	0.32	0.14
ENSG0000(SRSF1	protein_co chr17	58003360	58007346	-	55.31	56.84
ENSG0000(VEZF1	protein_co chr17	57971547	57988259	-	16.8	17.28
ENSG0000(CHAD	protein_co chr17	50464496	50468966	-	0	0
ENSG0000(TACO1	protein_co chr17	63600872	63608365	+	8.46	7.79
ENSG0000(TEX2	protein_co chr17	64147227	64263301	-	12.64	15.06
ENSG0000(DCAF7	protein_co chr17	63550461	63594266	+	23.01	23.24

ENSG0000(GH2	protein_co chr17	63880215	63881935	-	0	0
ENSG0000(CSH1	protein_co chr17	63894909	63896661	-	0	0
ENSG0000(LIMD2	protein_co chr17	63695902	63701172	-	4.9	6.75
ENSG0000(BRIP1	protein_co chr17	61681266	61863521	-	0.12	0.16
ENSG0000(KAT7	protein_co chr17	49788555	49835030	+	12.17	11.44
ENSG0000(RTP4	protein_co chr3	1.87E+08	1.87E+08	+	2.43	2.47
ENSG0000(ACTL6A	protein_co chr3	1.8E+08	1.8E+08	+	17.27	16.54
ENSG0000(NDUFB5	protein_co chr3	1.8E+08	1.8E+08	+	36.55	39.25
ENSG0000(MRPL47	protein_co chr3	1.8E+08	1.8E+08	-	13.83	13.82
ENSG0000(TRA2B	protein_co chr3	1.86E+08	1.86E+08	-	41.93	42.31
ENSG0000(SCN2A	protein_co chr2	1.65E+08	1.65E+08	+	0.1	0.22
ENSG0000(TBR1	protein_co chr2	1.61E+08	1.61E+08	+	0	0
ENSG0000(7-Mar	protein_co chr2	1.6E+08	1.6E+08	+	27.32	24.6
ENSG0000(ERMN	protein_co chr2	1.57E+08	1.57E+08	-	0	0
ENSG0000(GALNT5	protein_co chr2	1.57E+08	1.57E+08	+	15.19	14.79
ENSG0000(SCN7A	protein_co chr2	1.66E+08	1.66E+08	-	0.88	1.09
ENSG0000(TANK	protein_co chr2	1.61E+08	1.61E+08	+	26.95	25.75
ENSG0000(BLK	protein_co chr8	11494001	11564604	+	0	0
ENSG0000(GATA4	protein_co chr8	11676959	11760002	+	29.97	26.66
ENSG0000(SKIL	protein_co chr3	1.7E+08	1.7E+08	+	7.92	8.05
ENSG0000(EPRS	protein_co chr1	2.2E+08	2.2E+08	-	31.66	28.45
ENSG0000(HLX	protein_co chr1	2.21E+08	2.21E+08	+	4.05	5.21
ENSG0000(VPS45	protein_co chr1	1.5E+08	1.5E+08	+	12.71	15.11
ENSG0000(IL10	protein_co chr1	2.07E+08	2.07E+08	-	0	0.24
ENSG0000(KCTD3	protein_co chr1	2.16E+08	2.16E+08	+	14.45	20.85
ENSG0000(RPS6KC1	protein_co chr1	2.13E+08	2.13E+08	+	9.07	8.66
ENSG0000(CBWD2	protein_co chr2	1.13E+08	1.13E+08	+	13.33	12.86
ENSG0000(IL36G	protein_co chr2	1.13E+08	1.13E+08	+	0	0.27
ENSG0000(IL1RN	protein_co chr2	1.13E+08	1.13E+08	+	0.75	0.75
ENSG0000(IL36A	protein_co chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(IL36RN	protein_co chr2	1.13E+08	1.13E+08	+	0.12	0.16
ENSG0000(IL36B	protein_co chr2	1.13E+08	1.13E+08	-	0.34	0.06
ENSG0000(IL1F10	protein_co chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(CFC1	protein_co chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(SMPD4	protein_co chr2	1.3E+08	1.3E+08	-	20.98	22.19
ENSG0000(WDR33	protein_co chr2	1.28E+08	1.28E+08	-	10.88	13.75
ENSG0000(CCDC115	protein_co chr2	1.3E+08	1.3E+08	-	25.19	23.41
ENSG0000(SAP130	protein_co chr2	1.28E+08	1.28E+08	-	9.02	8.82
ENSG0000(BIN1	protein_co chr2	1.27E+08	1.27E+08	-	19.93	27.32
ENSG0000(IMP4	protein_co chr2	1.3E+08	1.3E+08	+	21.9	23.2
ENSG0000(HS6ST1	protein_co chr2	1.28E+08	1.28E+08	-	7.95	7.7
ENSG0000(UGGT1	protein_co chr2	1.28E+08	1.28E+08	+	20.5	19.41
ENSG0000(GYPC	protein_co chr2	1.27E+08	1.27E+08	+	27.27	29.58
ENSG0000(STAM	protein_co chr10	17644125	17715914	+	12.02	15.18
ENSG0000(GAD2	protein_co chr10	26216307	26304558	+	0	0

ENSG0000(ABI1	protein_co chr10	26746593	26861087	-	25.54	23.87
ENSG0000(YME1L1	protein_co chr10	27110112	27155266	-	41.78	38.83
ENSG0000(DNAJC1	protein_co chr10	21756537	22003769	-	18.1	18.42
ENSG0000(NIPSNAP3A	protein_co chr9	1.05E+08	1.05E+08	+	8.43	7.79
ENSG0000(LRRC8A	protein_co chr9	1.29E+08	1.29E+08	+	20.46	21.61
ENSG0000(CDK9	protein_co chr9	1.28E+08	1.28E+08	+	26.49	20.03
ENSG0000(TXN	protein_co chr9	1.1E+08	1.1E+08	-	108.04	101.41
ENSG0000(ODF2	protein_co chr9	1.28E+08	1.29E+08	+	10.35	11.78
ENSG0000(KIAA0368	protein_co chr9	1.11E+08	1.11E+08	-	21.06	20.87
ENSG0000(TOR1B	protein_co chr9	1.3E+08	1.3E+08	+	7.05	9.9
ENSG0000(C9orf78	protein_co chr9	1.3E+08	1.3E+08	-	29.89	26.62
ENSG0000(SMC2	protein_co chr9	1.04E+08	1.04E+08	+	4.38	4.47
ENSG0000(KLF4	protein_co chr9	1.07E+08	1.07E+08	-	22.65	26.23
ENSG0000(TOR1A	protein_co chr9	1.3E+08	1.3E+08	-	15.97	20.51
ENSG0000(RALGPS1	protein_co chr9	1.27E+08	1.27E+08	+	0.41	0.95
ENSG0000(FAM129B	protein_co chr9	1.28E+08	1.28E+08	-	116.98	110.82
ENSG0000(OR1J1	protein_co chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(OR13C9	protein_co chr9	1.05E+08	1.05E+08	-	0	0
ENSG0000(ST6GALNA1	protein_co chr9	1.28E+08	1.28E+08	-	11.97	13.66
ENSG0000(TMOD1	protein_co chr9	97501180	97601748	+	0.13	0.14
ENSG0000(DAB2IP	protein_co chr9	1.22E+08	1.22E+08	+	7.52	7.98
ENSG0000(STXBP1	protein_co chr9	1.28E+08	1.28E+08	+	22.21	26.18
ENSG0000(SLC2A8	protein_co chr9	1.27E+08	1.27E+08	+	2.23	1.45
ENSG0000(ANGPTL2	protein_co chr9	1.27E+08	1.27E+08	-	88.24	85.85
ENSG0000(CDK5RAP2	protein_co chr9	1.2E+08	1.21E+08	-	31.93	31.35
ENSG0000(ZFP37	protein_co chr9	1.13E+08	1.13E+08	-	0.71	1.22
ENSG0000(SLC31A2	protein_co chr9	1.13E+08	1.13E+08	+	11.06	10.83
ENSG0000(SLC31A1	protein_co chr9	1.13E+08	1.13E+08	+	13.45	13.7
ENSG0000(TLR4	protein_co chr9	1.18E+08	1.18E+08	+	10.27	10.64
ENSG0000(ZNF189	protein_co chr9	1.01E+08	1.01E+08	+	6.03	6.2
ENSG0000(ALDOB	protein_co chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(STX17	protein_co chr9	99906633	99970341	+	6.93	6.07
ENSG0000(PRPF4	protein_co chr9	1.13E+08	1.13E+08	+	5.99	6.5
ENSG0000(FPGS	protein_co chr9	1.28E+08	1.28E+08	+	25.26	24.82
ENSG0000(USP20	protein_co chr9	1.3E+08	1.3E+08	+	8.38	7.5
ENSG0000(BAAT	protein_co chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(KIF12	protein_co chr9	1.14E+08	1.14E+08	-	0	0
ENSG0000(ATP6V1G1	protein_co chr9	1.15E+08	1.15E+08	+	55.28	54.51
ENSG0000(TEX10	protein_co chr9	1E+08	1E+08	-	9.59	8.21
ENSG0000(GARNL3	protein_co chr9	1.27E+08	1.27E+08	+	0.14	0.19
ENSG0000(MRPL50	protein_co chr9	1.01E+08	1.01E+08	-	2.6	3.34
ENSG0000(DPM2	protein_co chr9	1.28E+08	1.28E+08	-	12.8	12.67
ENSG0000(WDR38	protein_co chr9	1.25E+08	1.25E+08	+	0	0
ENSG0000(TSTD2	protein_co chr9	97600080	97633575	-	6.55	5.61
ENSG0000(GABBR2	protein_co chr9	98288082	98709197	-	0.03	0.09

ENSG0000(HEMGN	protein_co chr9	97926791	97944856 -	0	0
ENSG0000(PSMB7	protein_co chr9	1.24E+08	1.24E+08 -	81.02	88.25
ENSG0000(NR5A1	protein_co chr9	1.24E+08	1.25E+08 -	0	0
ENSG0000(TRMO	protein_co chr9	97904489	97922570 -	7.46	8.23
ENSG0000(RABEPK	protein_co chr9	1.25E+08	1.25E+08 +	11.2	10.55
ENSG0000(GOLGA1	protein_co chr9	1.25E+08	1.25E+08 -	6.37	6.93
ENSG0000(XPA	protein_co chr9	97674909	97697357 -	6.28	5.07
ENSG0000(NCBP1	protein_co chr9	97633626	97673748 +	5.84	6.15
ENSG0000(ANP32B	protein_co chr9	97983361	98015943 +	66.65	68.83
ENSG0000(OR1L4	protein_co chr9	1.23E+08	1.23E+08 +	0	0
ENSG0000(PDCL	protein_co chr9	1.23E+08	1.23E+08 -	7.17	7.79
ENSG0000(RPL35	protein_co chr9	1.25E+08	1.25E+08 -	570.1	568.8
ENSG0000(CTSV	protein_co chr9	97029679	97039643 -	0.11	0.08
ENSG0000(LMX1B	protein_co chr9	1.27E+08	1.27E+08 +	0	0
ENSG0000(ARPC5L	protein_co chr9	1.25E+08	1.25E+08 +	12.97	12.35
ENSG0000(ENPP2	protein_co chr8	1.2E+08	1.2E+08 -	0.18	0.07
ENSG0000(DSCC1	protein_co chr8	1.2E+08	1.2E+08 -	1.91	1.89
ENSG0000(DERL1	protein_co chr8	1.23E+08	1.23E+08 -	26.96	26.66
ENSG0000(MYC	protein_co chr8	1.28E+08	1.28E+08 +	34.25	30.4
ENSG0000(NOV	protein_co chr8	1.19E+08	1.19E+08 +	1.06	0.64
ENSG0000(IL33	protein_co chr9	6215786	6257983 +	83.38	86.25
ENSG0000(TMEM261	protein_co chr9	7796490	7888380 -	18.69	21.5
ENSG0000(RANBP6	protein_co chr9	6011043	6015625 -	4.12	4.04
ENSG0000(POLR1E	protein_co chr9	37485935	37503697 +	9.66	9.81
ENSG0000(PLAA	protein_co chr9	26904083	26947463 -	13.49	11.67
ENSG0000(IL11RA	protein_co chr9	34650702	34661892 +	12.61	13.03
ENSG0000(UBAP2	protein_co chr9	33921693	34048949 -	9.18	9.11
ENSG0000(APTX	protein_co chr9	32972606	33025168 -	17.45	18.54
ENSG0000(RNF38	protein_co chr9	36336396	36487548 -	6.28	8.24
ENSG0000(TLN1	protein_co chr9	35696948	35732395 -	96.2	105.47
ENSG0000(CCL21	protein_co chr9	34709005	34710124 -	0	0
ENSG0000(SIT1	protein_co chr9	35649295	35650950 -	0.07	0.08
ENSG0000(IFNA21	protein_co chr9	21165637	21166660 -	0	0
ENSG0000(DMRT1	protein_co chr9	841690	969090 +	0	0
ENSG0000(DNAJB5	protein_co chr9	34989641	34998900 +	7.62	9.06
ENSG0000(SPAG8	protein_co chr9	35808045	35812272 -	0.68	0.69
ENSG0000(DCTN3	protein_co chr9	34613545	34620523 -	66.02	73.48
ENSG0000(CD72	protein_co chr9	35609533	35646810 -	2.65	2.34
ENSG0000(TMEM8B	protein_co chr9	35814451	35854847 +	11.34	9.92
ENSG0000(GRHPR	protein_co chr9	37422666	37436990 +	50.84	58.79
ENSG0000(ALDH1B1	protein_co chr9	38392664	38398661 +	5.84	6.38
ENSG0000(HINT2	protein_co chr9	35812960	35815354 -	17.53	19.2
ENSG0000(ARHGEF39	protein_co chr9	35658875	35675866 -	0.08	0.1
ENSG0000(IGFBPL1	protein_co chr9	38408994	38424447 -	0	0
ENSG0000(DENND4C	protein_co chr9	19230435	19373545 +	10.82	10.33

ENSG0000(RPS6	protein_co chr9	19375715	19380254	-	914.89	911.04
ENSG0000(CNPY3	protein_co chr6	42929192	42939287	+	21.61	22.61
ENSG0000(FOXP4	protein_co chr6	41546426	41602384	+	5.8	7.16
ENSG0000(PPIL1	protein_co chr6	36854827	36875024	-	6.48	8.07
ENSG0000(KLC4	protein_co chr6	43040777	43075099	+	12.79	13.82
ENSG0000(KIF13A	protein_co chr6	17759183	17987623	-	20.76	22.15
ENSG0000(ZSCAN9	protein_co chr6	28224886	28233482	+	5.55	6.56
ENSG0000(PIM1	protein_co chr6	37170203	37175426	+	34.32	36.72
ENSG0000(GMPR	protein_co chr6	16238580	16295549	+	10.29	11.55
ENSG0000(CMTR1	protein_co chr6	37433219	37482827	+	16.95	17.81
ENSG0000(TFAP2A	protein_co chr6	10393186	10419659	-	5.19	4.53
ENSG0000(SLC22A7	protein_co chr6	43295694	43305538	+	0	0
ENSG0000(YIPF3	protein_co chr6	43511827	43516990	-	78.1	83.69
ENSG0000(TMEM14B	protein_co chr6	10747759	10852753	+	48.15	51.65
ENSG0000(TMEM63B	protein_co chr6	44126914	44155519	+	12.78	14.86
ENSG0000(FRS3	protein_co chr6	41770176	41786542	-	1.91	1.92
ENSG0000(TJAP1	protein_co chr6	43477523	43506556	+	12.37	12.53
ENSG0000(CAPN11	protein_co chr6	44158811	44184402	+	0	0.13
ENSG0000(TINAG	protein_co chr6	54307859	54390152	+	0	0
ENSG0000(HCRTR2	protein_co chr6	55106460	55282620	+	0	0
ENSG0000(KIAA0319	protein_co chr6	24544104	24646155	-	0.06	0.01
ENSG0000(IRF4	protein_co chr6	391739	411447	+	0	0
ENSG0000(SLC22A23	protein_co chr6	3268962	3457022	-	11.58	10.43
ENSG0000(TUBB2A	protein_co chr6	3153669	3157526	-	9.64	9.03
ENSG0000(LRRC1	protein_co chr6	53794497	53924121	+	0.75	0.4
ENSG0000(GCM1	protein_co chr6	53126964	53148829	-	0	0
ENSG0000(FOXF2	protein_co chr6	1389834	1395597	+	4.58	4.12
ENSG0000(BPHL	protein_co chr6	3118374	3153578	+	7.51	6.24
ENSG0000(RIPK1	protein_co chr6	3063991	3115187	+	10.9	10.69
ENSG0000(TUBB2B	protein_co chr6	3224261	3231730	-	0.29	0.51
ENSG0000(UQCC2	protein_co chr6	33694293	33711727	-	28.36	27.44
ENSG0000(HMGA1	protein_co chr6	34236873	34246231	+	40.45	40.32
ENSG0000(TCF19	protein_co chr6	31158542	31167159	+	1.52	1.35
ENSG0000(FLOT1	protein_co chr6	30727709	30742733	-	61.52	58.1
ENSG0000(IER3	protein_co chr6	30743199	30744554	-	88.96	89.66
ENSG0000(MDC1	protein_co chr6	30699807	30717889	-	7.97	9.55
ENSG0000(PGBD1	protein_co chr6	28281572	28302549	+	1.87	1.86
ENSG0000(ATAT1	protein_co chr6	30626842	30646823	+	4.53	5.74
ENSG0000(TPMT	protein_co chr6	18128311	18155074	-	3.78	3.77
ENSG0000(CLPS	protein_co chr6	35794982	35797344	-	0	0
ENSG0000(RNF144B	protein_co chr6	18387350	18468874	+	0.66	0.37
ENSG0000(NRM	protein_co chr6	30688047	30691420	-	7.22	7.96
ENSG0000(MTCH1	protein_co chr6	36968141	36986298	-	93.57	105.17
ENSG0000(VARS2	protein_co chr6	30908242	30926459	+	7.65	6.76
ENSG0000(TAF8	protein_co chr6	42050513	42087461	+	5.19	5.16

ENSG0000(FAM8A1	protein_co chr6	17600355	17611719	+	11.32	11.62
ENSG0000(C6orf52	protein_co chr6	10671418	10694797	-	0	0.28
ENSG0000(FGFBP1	protein_co chr4	15935569	15938740	-	0	0
ENSG0000(FGFBP2	protein_co chr4	15960243	15969309	-	0.15	0.06
ENSG0000(CPEB2	protein_co chr4	15002674	15070153	+	4.69	5.37
ENSG0000(FHDC1	protein_co chr4	1.53E+08	1.53E+08	+	0.07	0.04
ENSG0000(TLR2	protein_co chr4	1.54E+08	1.54E+08	+	0.22	0.01
ENSG0000(MGARP	protein_co chr4	1.39E+08	1.39E+08	-	12.77	11.75
ENSG0000(TTC29	protein_co chr4	1.47E+08	1.47E+08	-	0	0
ENSG0000(MYO7A	protein_co chr11	77128264	77215239	+	0.14	0.04
ENSG0000(FCHSD2	protein_co chr11	72836745	73142261	-	9.65	9.59
ENSG0000(ARRB1	protein_co chr11	75264182	75351705	-	5.79	6.08
ENSG0000(SLCO2B1	protein_co chr11	75100563	75206549	+	0	0.26
ENSG0000(THAP12	protein_co chr11	76349956	76380971	-	9.55	9.97
ENSG0000(ANKRD42	protein_co chr11	83193739	83260694	+	7.02	7.06
ENSG0000(IL18BP	protein_co chr11	71998541	72005715	+	2.58	3.05
ENSG0000(NUMA1	protein_co chr11	72002864	72080693	-	81.63	81.81
ENSG0000(CCDC90B	protein_co chr11	83259097	83286407	-	28.7	31.6
ENSG0000(SYTL2	protein_co chr11	85694224	85811159	-	25.02	21.31
ENSG0000(RAB30	protein_co chr11	82973133	83071923	-	17.29	21.43
ENSG0000(CREBZF	protein_co chr11	85659708	85682908	-	16.2	15.84
ENSG0000(LRRC32	protein_co chr11	76657524	76670747	-	35.44	30.63
ENSG0000(PRCP	protein_co chr11	82823502	82970584	-	77.28	76.06
ENSG0000(NARS2	protein_co chr11	78435961	78574874	-	4.34	3.97
ENSG0000(RNF121	protein_co chr11	71928701	71997597	+	17.37	17.25
ENSG0000(MRPL15	protein_co chr8	54135210	54147901	+	17.81	18.55
ENSG0000(PI15	protein_co chr8	74824537	74855029	+	0.2	1.03
ENSG0000(TTPA	protein_co chr8	63048553	63086053	-	0	0
ENSG0000(GGH	protein_co chr8	63015079	63039171	-	8.99	8.11
ENSG0000(SLCO5A1	protein_co chr8	69667047	69835064	-	0.06	0.01
ENSG0000(SULF1	protein_co chr8	69466624	69660915	+	128.01	137.79
ENSG0000(TGS1	protein_co chr8	55773142	55825448	+	4.32	3.47
ENSG0000(SDCBP	protein_co chr8	58552924	58582860	+	195.46	206.04
ENSG0000(NEK1	protein_co chr4	1.69E+08	1.7E+08	-	4.37	4.84
ENSG0000(DDX60	protein_co chr4	1.68E+08	1.68E+08	-	2.28	3.94
ENSG0000(NXPE4	protein_co chr11	1.15E+08	1.15E+08	-	0.15	0
ENSG0000(SORL1	protein_co chr11	1.21E+08	1.22E+08	+	0.23	0.25
ENSG0000(TMPRSS4	protein_co chr11	1.18E+08	1.18E+08	+	0.1	0.04
ENSG0000(BUD13	protein_co chr11	1.17E+08	1.17E+08	-	5.16	4.54
ENSG0000(TRPC6	protein_co chr11	1.01E+08	1.02E+08	-	0	0
ENSG0000(MMP7	protein_co chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(MMP20	protein_co chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(MMP27	protein_co chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(C11orf70	protein_co chr11	1.02E+08	1.02E+08	+	4.59	4.75
ENSG0000(DCUN1D5	protein_co chr11	1.03E+08	1.03E+08	-	15.37	14.93

ENSG0000(YAP1	protein_co chr11	1.02E+08	1.02E+08 +	78.59	79.45
ENSG0000(TRIM29	protein_co chr11	1.2E+08	1.2E+08 -	0.05	0
ENSG0000(SLC37A4	protein_co chr11	1.19E+08	1.19E+08 -	7.05	10.44
ENSG0000(BTG4	protein_co chr11	1.11E+08	1.12E+08 -	0	0
ENSG0000(POU2F3	protein_co chr11	1.2E+08	1.2E+08 +	0	0.06
ENSG0000(RDX	protein_co chr11	1.1E+08	1.1E+08 -	25.51	27.01
ENSG0000(PPP2R1B	protein_co chr11	1.12E+08	1.12E+08 -	8.15	6.65
ENSG0000(FDX1	protein_co chr11	1.1E+08	1.1E+08 +	2.9	3.22
ENSG0000(C11orf1	protein_co chr11	1.12E+08	1.12E+08 +	5.94	6.4
ENSG0000(FXYD6	protein_co chr11	1.18E+08	1.18E+08 -	0	0
ENSG0000(ARHGAP20	protein_co chr11	1.11E+08	1.11E+08 -	3.68	3.6
ENSG0000(FXYD2	protein_co chr11	1.18E+08	1.18E+08 -	0.37	0.16
ENSG0000(MMP13	protein_co chr11	1.03E+08	1.03E+08 -	0	0.06
ENSG0000(TMPRSS13	protein_co chr11	1.18E+08	1.18E+08 -	0	0
ENSG0000(CASP1	protein_co chr11	1.05E+08	1.05E+08 -	6.65	14.71
ENSG0000(CASP5	protein_co chr11	1.05E+08	1.05E+08 -	0	0
ENSG0000(ALKBH8	protein_co chr11	1.08E+08	1.08E+08 -	2.18	2.39
ENSG0000(MAP2K5	protein_co chr15	67542709	67807123 +	13.09	13.06
ENSG0000(UNC13C	protein_co chr15	54012904	54633414 +	0	0
ENSG0000(SQRDL	protein_co chr15	45631148	45691294 +	22.63	22.3
ENSG0000(CTDSPL2	protein_co chr15	44427234	44529038 +	9.42	9.97
ENSG0000(SLTM	protein_co chr15	58879045	58933653 -	27.53	23.35
ENSG0000(THBS1	protein_co chr15	39581079	39599466 +	343	287.97
ENSG0000(MAPKBP1	protein_co chr15	41774434	41827855 +	5.3	4.96
ENSG0000(NUSAP1	protein_co chr15	41332694	41381050 +	0.88	1.57
ENSG0000(NDUFAF1	protein_co chr15	41387349	41402519 -	9.12	9.55
ENSG0000(KIF23	protein_co chr15	69414246	69448427 +	0.64	0.76
ENSG0000(RP11-809H	processed_chr15	68930504	69028889 +	0	0
ENSG0000(ITGA11	protein_co chr15	68296533	68432162 -	61.47	64.47
ENSG0000(KNL1	protein_co chr15	40594020	40664342 +	0.12	0.4
ENSG0000(HAUS2	protein_co chr15	42548810	42569994 +	9.49	7.96
ENSG0000(RTF1	protein_co chr15	41408408	41483563 +	17.36	16.71
ENSG0000(PARP6	protein_co chr15	72241181	72272999 -	23.43	21.8
ENSG0000(RPLP1	protein_co chr15	69452784	69456194 +	1188.49	1243.52
ENSG0000(PAQR5	protein_co chr15	69298947	69407780 +	0.16	0.18
ENSG0000(LRRC49	protein_co chr15	70853239	71053657 +	6.88	7.11
ENSG0000(TUBGCP4	protein_co chr15	43369221	43409771 +	4.99	5.77
ENSG0000(RMDN3	protein_co chr15	40735884	40755851 -	18.22	15.72
ENSG0000(ITPKA	protein_co chr15	41493393	41503551 +	0.29	0.3
ENSG0000(UACA	protein_co chr15	70654554	70763593 -	28.81	28.28
ENSG0000(SMAD6	protein_co chr15	66702228	66782848 +	3.69	3.87
ENSG0000(PLCB2	protein_co chr15	40278176	40307935 -	0.14	0.44
ENSG0000(TMEM62	protein_co chr15	43123279	43185146 +	4.08	4.64
ENSG0000(PAK6	protein_co chr15	40238759	40277487 +	0.13	0.44
ENSG0000(ADAM10	protein_co chr15	58588807	58749978 -	102.32	86.98

ENSG0000(DUOX1	protein_co chr15	45129933	45165576	+	0.62	0.47
ENSG0000(SLC28A2	protein_co chr15	45252230	45277845	+	0.05	0.07
ENSG0000(STRA6	protein_co chr15	74179466	74212267	-	0.16	0.08
ENSG0000(CYP19A1	protein_co chr15	51208057	51338610	-	0.36	0.38
ENSG0000(ZNF280D	protein_co chr15	56630181	56918571	-	8.52	13.61
ENSG0000(SEMA6D	protein_co chr15	47184101	47774223	+	4.34	5.73
ENSG0000(BCL2L10	protein_co chr15	52109263	52112775	-	0	0
ENSG0000(RSL24D1	protein_co chr15	55180806	55197067	-	24.4	23.39
ENSG0000(SPTBN5	protein_co chr15	41848144	41894077	-	0.04	0.03
ENSG0000(GCOM1	protein_co chr15	57591908	57714745	+	0	0.06
ENSG0000(GCHFR	protein_co chr15	40764020	40767710	+	8.04	7.73
ENSG0000(BCAR3	protein_co chr1	93561786	93847150	-	14.96	12.99
ENSG0000(TTLL7	protein_co chr1	83865028	83999150	-	5.92	5.24
ENSG0000(FNBP1L	protein_co chr1	93448131	93554661	+	4.7	5.09
ENSG0000(KYAT3	protein_co chr1	88935773	88992953	-	13.25	13.49
ENSG0000(GTF2B	protein_co chr1	88852932	88891944	-	11.74	12.39
ENSG0000(BRDT	protein_co chr1	91949371	92014426	+	0	0
ENSG0000(RABGGTB	protein_co chr1	75786197	75795079	+	27.41	22.88
ENSG0000(IFI44L	protein_co chr1	78619922	78646145	+	6.28	5.53
ENSG0000(GIPC2	protein_co chr1	77979542	78138449	+	0.03	0
ENSG0000(ARHGAP29	protein_co chr1	94148988	94275068	-	25.01	27.08
ENSG0000(IFI44	protein_co chr1	78649796	78664078	+	8.65	9.48
ENSG0000(SLC44A5	protein_co chr1	75202131	75611116	-	0.19	0.13
ENSG0000(RPL7P9	processed_chr1	96678874	96679620	-	0	0
ENSG0000(CLCA2	protein_co chr1	86424086	86456558	+	16.24	14.03
ENSG0000(DNASE2B	protein_co chr1	84398532	84415018	+	0	0
ENSG0000(DBT	protein_co chr1	1E+08	1E+08	-	3.87	4.67
ENSG0000(RTCA	protein_co chr1	1E+08	1E+08	+	13.39	12.15
ENSG0000(IFT172	protein_co chr2	27444371	27489789	-	6.78	9.29
ENSG0000(SELENOI	protein_co chr2	26308547	26395891	+	1.73	2.62
ENSG0000(CGREF1	protein_co chr2	27098889	27119115	-	4.49	3.69
ENSG0000(HADHB	protein_co chr2	26243170	26290468	+	60.71	62.7
ENSG0000(KHK	protein_co chr2	27086747	27100772	+	0.83	0.78
ENSG0000(ADCY3	protein_co chr2	24819169	24919839	-	23.22	21.48
ENSG0000(PPM1B	protein_co chr2	44167969	44244384	+	10.26	11.6
ENSG0000(PNPT1	protein_co chr2	55634265	55693910	-	9.79	13.21
ENSG0000(DYNC2L11	protein_co chr2	43774039	43810010	+	9.86	8.51
ENSG0000(LHCGR	protein_co chr2	48686775	48755730	-	0	0
ENSG0000(THUMPD2	protein_co chr2	39736060	39779267	-	4.32	3.96
ENSG0000(CYP1B1	protein_co chr2	38066973	38109902	-	22.1	18.55
ENSG0000(SULT6B1	protein_co chr2	37167820	37196598	-	0	0
ENSG0000(RAB1A	protein_co chr2	65070701	65130106	-	74.78	72.35
ENSG0000(ACTR2	protein_co chr2	65227753	65271253	+	54.51	52.52
ENSG0000(PREB	protein_co chr2	27130756	27134675	-	18.47	19.04
ENSG0000(SLC5A6	protein_co chr2	27199587	27212958	-	5.58	4.99

ENSG0000(ABCG5	protein_co chr2	43812472	43838865 -	0.02	0
ENSG0000(PREPL	protein_co chr2	44316281	44361862 -	17.06	19.25
ENSG0000(SLC3A1	protein_co chr2	44275458	44321494 +	0.27	0.32
ENSG0000(EMILIN1	protein_co chr2	27078567	27086408 +	102.21	110.95
ENSG0000(FBXO11	protein_co chr2	47789316	47905793 -	18.84	16.13
ENSG0000(SIX3	protein_co chr2	44941898	44946077 +	0	0
ENSG0000(ATRAID	protein_co chr2	27212027	27217178 +	126.08	124.38
ENSG0000(CENPO	protein_co chr2	24793136	24822376 +	2.82	2.73
ENSG0000(LRPPRC	protein_co chr2	43886508	43996005 -	18.43	20.61
ENSG0000(TRIM54	protein_co chr2	27282392	27307439 +	0.03	0.03
ENSG0000(DTNB	protein_co chr2	25377198	25673647 -	2.98	3.1
ENSG0000(ACTR1A	protein_co chr10	1.02E+08	1.03E+08 -	51.65	58.46
ENSG0000(CYP2C9	protein_co chr10	94938658	94989390 +	0.12	0
ENSG0000(MFSD13A	protein_co chr10	1.02E+08	1.02E+08 +	1.97	1.07
ENSG0000(CYP2C8	protein_co chr10	95036772	95069497 -	0	0
ENSG0000(MYOF	protein_co chr10	93306429	93482317 -	99.17	99.91
ENSG0000(LOXL4	protein_co chr10	98247690	98268250 -	5.02	4.36
ENSG0000(STAMBPL1	protein_co chr10	88879734	88975153 +	9.3	6.78
ENSG0000(CH25H	protein_co chr10	89205629	89207314 -	0.17	0.04
ENSG0000(LBX1	protein_co chr10	1.01E+08	1.01E+08 -	0	0
ENSG0000(ATAD1	protein_co chr10	87751512	87841343 -	16.58	16.31
ENSG0000(BTBD16	protein_co chr10	1.22E+08	1.22E+08 +	0.03	0.13
ENSG0000(KIF11	protein_co chr10	92593286	92655395 +	0.7	0.97
ENSG0000(CUZD1	protein_co chr10	1.23E+08	1.23E+08 -	0.38	0.23
ENSG0000(TACC2	protein_co chr10	1.22E+08	1.22E+08 +	10.73	9.74
ENSG0000(DUSP5	protein_co chr10	1.1E+08	1.11E+08 +	2.57	2.4
ENSG0000(CALHM2	protein_co chr10	1.03E+08	1.03E+08 -	54	54.61
ENSG0000(ARL3	protein_co chr10	1.03E+08	1.03E+08 -	5.54	5.59
ENSG0000(CEP55	protein_co chr10	93496632	93529092 +	0.18	0.57
ENSG0000(KIF20B	protein_co chr10	89701610	89774939 +	0.39	1.24
ENSG0000(ENTPD1	protein_co chr10	95711779	95869695 +	0.25	0.38
ENSG0000(EXOC6	protein_co chr10	92834713	93059493 +	2.37	3
ENSG0000(PLCE1	protein_co chr10	94030812	94332823 +	0.53	0.77
ENSG0000(RBP4	protein_co chr10	93591687	93601744 -	0.08	0.6
ENSG0000(DBR1	protein_co chr3	1.38E+08	1.38E+08 -	4.02	4.77
ENSG0000(DNAJC13	protein_co chr3	1.32E+08	1.33E+08 +	18.36	18.32
ENSG0000(GPR87	protein_co chr3	1.51E+08	1.51E+08 -	0	0
ENSG0000(ANXA7	protein_co chr10	73375101	73414076 -	57.96	61.36
ENSG0000(FAM149B1	protein_co chr10	73168166	73244504 +	12.28	10.66
ENSG0000(ASCC1	protein_co chr10	72096032	72217134 -	16.02	13.93
ENSG0000(PLA2G12B	protein_co chr10	72935170	72954778 -	0	0
ENSG0000(ZNF365	protein_co chr10	62374192	62672011 +	0.47	0.74
ENSG0000(OIT3	protein_co chr10	72893581	72933033 +	0	0.04
ENSG0000(ADAMTS14	protein_co chr10	70672803	70762441 +	3.29	3
ENSG0000(RPS24	protein_co chr10	78033760	78056812 +	1183.56	1147.49

ENSG0000(TET1	protein_co chr10	68560656	68694482	+	0.36	0.39
ENSG0000(DNA2	protein_co chr10	68414064	68472121	-	0.49	0.67
ENSG0000(MYPN	protein_co chr10	68106117	68212017	+	0.01	0.01
ENSG0000(AOX1	protein_co chr2	2.01E+08	2.01E+08	+	9.56	10.21
ENSG0000(ATIC	protein_co chr2	2.15E+08	2.15E+08	+	19.66	25.33
ENSG0000(SMARCAL1	protein_co chr2	2.16E+08	2.16E+08	+	11.01	11.72
ENSG0000(BARD1	protein_co chr2	2.15E+08	2.15E+08	-	1.24	1.42
ENSG0000(STAT4	protein_co chr2	1.91E+08	1.91E+08	-	0.38	0.28
ENSG0000(MSTN	protein_co chr2	1.9E+08	1.9E+08	-	0.04	0.04
ENSG0000(CARF	protein_co chr2	2.03E+08	2.03E+08	+	5.35	3.67
ENSG0000(ASNSD1	protein_co chr2	1.9E+08	1.9E+08	+	19.34	20.92
ENSG0000(METTL5	protein_co chr2	1.7E+08	1.7E+08	-	17.8	19.18
ENSG0000(SSB	protein_co chr2	1.7E+08	1.7E+08	+	36.15	36.18
ENSG0000(NAB1	protein_co chr2	1.91E+08	1.91E+08	+	12.2	12.62
ENSG0000(CDK15	protein_co chr2	2.02E+08	2.02E+08	+	0.53	1.15
ENSG0000(PPIG	protein_co chr2	1.7E+08	1.7E+08	+	22.81	23.03
ENSG0000(FASTKD1	protein_co chr2	1.7E+08	1.7E+08	-	6.04	5.1
ENSG0000(MDH1B	protein_co chr2	2.07E+08	2.07E+08	-	0.73	0.88
ENSG0000(HECW2	protein_co chr2	1.96E+08	1.97E+08	-	7.63	6.54
ENSG0000(IDH1	protein_co chr2	2.08E+08	2.08E+08	-	89.47	88.39
ENSG0000(OLA1	protein_co chr2	1.74E+08	1.74E+08	-	38.76	36.91
ENSG0000(CIR1	protein_co chr2	1.74E+08	1.74E+08	-	17.6	19.21
ENSG0000(SSFA2	protein_co chr2	1.82E+08	1.82E+08	+	40.86	28.52
ENSG0000(CHRNA1	protein_co chr2	1.75E+08	1.75E+08	-	0	0
ENSG0000(FAM117B	protein_co chr2	2.03E+08	2.03E+08	+	1.73	1.77
ENSG0000(WDR12	protein_co chr2	2.03E+08	2.03E+08	-	18.55	16.54
ENSG0000(ABI2	protein_co chr2	2.03E+08	2.03E+08	+	24.2	31.98
ENSG0000(ITGAV	protein_co chr2	1.87E+08	1.87E+08	+	86.02	85.08
ENSG0000(SLC40A1	protein_co chr2	1.9E+08	1.9E+08	-	10.95	19.31
ENSG0000(SLC35A5	protein_co chr3	1.13E+08	1.13E+08	+	26.04	26.82
ENSG0000(DIRC2	protein_co chr3	1.23E+08	1.23E+08	+	9.7	11.12
ENSG0000(SENPA7	protein_co chr3	1.01E+08	1.02E+08	-	5.55	5.08
ENSG0000(GUCA1C	protein_co chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(CCDC54	protein_co chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(COX17	protein_co chr3	1.2E+08	1.2E+08	-	15.15	11.99
ENSG0000(PARP9	protein_co chr3	1.23E+08	1.23E+08	-	10.2	9.81
ENSG0000(MNS1	protein_co chr15	56421544	56465137	-	0.55	0.54
ENSG0000(USP8	protein_co chr15	50424380	50514419	+	18.36	18.33
ENSG0000(SECISBP2L	protein_co chr15	48988476	49046563	-	15.33	15.35
ENSG0000(TMOD3	protein_co chr15	51829628	51947295	+	17.62	14.94
ENSG0000(SPPL2A	protein_co chr15	50702266	50765808	-	42.9	45.84
ENSG0000(GLCE	protein_co chr15	69160584	69272217	+	5.27	5.44
ENSG0000(SHF	protein_co chr15	45167214	45201175	-	2.91	3.48
ENSG0000(APH1B	protein_co chr15	63276018	63309126	+	8.1	5.51
ENSG0000(INTS14	protein_co chr15	65578753	65611289	-	12.38	11.92

ENSG00000101000	CILP	protein_co chr15	65194758	65211488	-	0.07	0.21
ENSG00000101000	PARP16	protein_co chr15	65234460	65300618	-	5.86	7.24
ENSG00000101000	PPCDC	protein_co chr15	75023555	75117462	+	5.72	6.21
ENSG00000101000	HCN4	protein_co chr15	73319859	73369264	-	0	0
ENSG00000101000	SEMA7A	protein_co chr15	74409289	74434467	-	3.33	3.23
ENSG00000101000	UBL7	protein_co chr15	74445977	74461182	-	26.28	26.35
ENSG00000101000	ARHGAP24	protein_co chr4	85475114	86002670	+	21.34	21.21
ENSG00000101000	FAM13A	protein_co chr4	88725955	89111398	-	6.64	5.87
ENSG00000101000	HERC3	protein_co chr4	88521048	88708542	+	8.13	10.08
ENSG00000101000	HERC6	protein_co chr4	88378739	88443111	+	2.82	2.72
ENSG00000101000	HERC5	protein_co chr4	88457117	88506163	+	0.18	0.08
ENSG00000101000	PCDH10	protein_co chr4	1.33E+08	1.33E+08	+	2.75	3.37
ENSG00000101000	NDST4	protein_co chr4	1.15E+08	1.15E+08	-	0	0
ENSG00000101000	ZGRF1	protein_co chr4	1.13E+08	1.13E+08	-	1.41	1.64
ENSG00000101000	AP1AR	protein_co chr4	1.12E+08	1.12E+08	+	4.51	5.26
ENSG00000101000	COPS4	protein_co chr4	83034447	83075818	+	14.79	14.75
ENSG00000101000	HNRNPD	protein_co chr4	82352498	82374503	-	71.77	64.31
ENSG00000101000	PRKG2	protein_co chr4	81087370	81215117	-	0.45	0.39
ENSG00000101000	RASGEF1B	protein_co chr4	81426393	82044244	-	0.04	0
ENSG00000101000	SEC31A	protein_co chr4	82818661	82901166	-	120.28	119.8
ENSG00000101000	FGF5	protein_co chr4	80266599	80336680	+	2.99	2.97
ENSG00000101000	GPAT3	protein_co chr4	83535914	83605875	+	1.91	1.76
ENSG00000101000	IL21	protein_co chr4	1.23E+08	1.23E+08	-	0	0
ENSG00000101000	FGF2	protein_co chr4	1.23E+08	1.23E+08	+	27.02	28.52
ENSG00000101000	BBS7	protein_co chr4	1.22E+08	1.22E+08	-	6.37	5.49
ENSG00000101000	KIAA1109	protein_co chr4	1.22E+08	1.22E+08	+	19.7	18.43
ENSG00000101000	BMPR1B	protein_co chr4	94757968	95158448	+	0.18	0.07
ENSG00000101000	RAP1GDS1	protein_co chr4	98261384	98443861	+	16.38	17.32
ENSG00000101000	LARP1B	protein_co chr4	1.28E+08	1.28E+08	+	4.15	4.28
ENSG00000101000	MMRN1	protein_co chr4	89879532	89954629	+	0	0
ENSG00000101000	PDE5A	protein_co chr4	1.19E+08	1.2E+08	-	5.24	4.65
ENSG00000101000	PRDM5	protein_co chr4	1.21E+08	1.21E+08	-	2.81	2.46
ENSG00000101000	TRPC3	protein_co chr4	1.22E+08	1.22E+08	-	0	0
ENSG00000101000	NAAA	protein_co chr4	75913657	75941051	-	11.08	11.84
ENSG00000101000	NUP54	protein_co chr4	76114659	76148515	-	15.71	16.95
ENSG00000101000	CXCL9	protein_co chr4	76001275	76007488	-	0	0
ENSG00000101000	BMP2K	protein_co chr4	78776342	78916372	+	14.93	15.94
ENSG00000101000	G3BP2	protein_co chr4	75642782	75724525	-	38.61	38.5
ENSG00000101000	11-Sep	protein_co chr4	76949703	77040384	+	48.29	55.62
ENSG00000101000	FRAS1	protein_co chr4	78057570	78544269	+	0.27	0.66
ENSG00000101000	SCARB2	protein_co chr4	76158733	76234536	-	137.54	146.46
ENSG00000101000	CCNG2	protein_co chr4	77157151	77433388	+	41.59	38.96
ENSG00000101000	CNOT6L	protein_co chr4	77713387	77819615	-	7.48	7.69
ENSG00000101000	USO1	protein_co chr4	75724593	75814286	+	22.4	24.82
ENSG00000101000	CDKL2	protein_co chr4	75578005	75630716	-	0.2	0.1

ENSG0000(SHROOM3)	protein_co chr4	76435100	76783253	+	1.43	1.41
ENSG0000(ANXA3)	protein_co chr4	78551519	78610451	+	26.42	35.31
ENSG0000(PPA2)	protein_co chr4	1.05E+08	1.05E+08	-	38.95	37.04
ENSG0000(CENPE)	protein_co chr4	1.03E+08	1.03E+08	-	0.25	0.4
ENSG0000(GSTCD)	protein_co chr4	1.06E+08	1.06E+08	+	2.55	2.9
ENSG0000(INTS12)	protein_co chr4	1.06E+08	1.06E+08	-	8.3	8.35
ENSG0000(ENPEP)	protein_co chr4	1.1E+08	1.11E+08	+	0.19	0.09
ENSG0000(CASP6)	protein_co chr4	1.1E+08	1.1E+08	-	12.79	9.51
ENSG0000(LEF1)	protein_co chr4	1.08E+08	1.08E+08	-	0	0
ENSG0000(HADH)	protein_co chr4	1.08E+08	1.08E+08	+	18.18	21.16
ENSG0000(EGF)	protein_co chr4	1.1E+08	1.1E+08	+	0	0.02
ENSG0000(PAPSS1)	protein_co chr4	1.08E+08	1.08E+08	-	25.77	26.82
ENSG0000(SEC24B)	protein_co chr4	1.09E+08	1.1E+08	+	12.82	11.7
ENSG0000(C4orf17)	protein_co chr4	99511004	99542303	+	0	0
ENSG0000(PPP3CA)	protein_co chr4	1.01E+08	1.01E+08	-	20.26	15.68
ENSG0000(SLC39A8)	protein_co chr4	1.02E+08	1.02E+08	-	49.52	41.12
ENSG0000(MTTP)	protein_co chr4	99563761	99623999	+	0	0
ENSG0000(FBN2)	protein_co chr5	1.28E+08	1.29E+08	-	6.12	6.51
ENSG0000(MAPK8IP3)	protein_co chr16	1706183	1770317	+	27.79	28.18
ENSG0000(RGS3)	protein_co chr9	1.13E+08	1.14E+08	+	12.57	13.27
ENSG0000(GUCD1)	protein_co chr22	24540423	24555935	-	35.98	31.39
ENSG0000(TTLL8)	protein_co chr22	50015123	50056935	-	0	0
ENSG0000(RNF185)	protein_co chr22	31160183	31207019	+	24.13	25.78
ENSG0000(KIAA1644)	protein_co chr22	44243667	44312851	-	7.02	8.61
ENSG0000(PARVG)	protein_co chr22	44172956	44219533	+	0	0
ENSG0000(B4GALNT3)	protein_co chr12	460364	563509	+	1.15	0.72
ENSG0000(PDE6H)	protein_co chr12	14973022	14981865	+	0	0
ENSG0000(ERP27)	protein_co chr12	14914035	14939082	-	0.05	0
ENSG0000(ETV6)	protein_co chr12	11649854	11895402	+	3.44	3.51
ENSG0000(GABARAPL)	protein_co chr12	10212458	10223130	+	60.59	60.94
ENSG0000(KIF21A)	protein_co chr12	39293228	39443390	-	2.23	2.4
ENSG0000(CPNE8)	protein_co chr12	38646822	38907430	-	6.01	5.81
ENSG0000(YARS2)	protein_co chr12	32727490	32755902	-	7.97	11.64
ENSG0000(FGD4)	protein_co chr12	32399529	32646050	+	1.45	1.55
ENSG0000(ALG10)	protein_co chr12	34022281	34029694	+	1.66	0.8
ENSG0000(PIK3C2G)	protein_co chr12	18247614	18648416	+	0.01	0
ENSG0000(FAM60A)	protein_co chr12	31280584	31327058	-	4.36	6.1
ENSG0000(PLCZ1)	protein_co chr12	18683169	18738057	-	0	0
ENSG0000(AEBP2)	protein_co chr12	19404045	19720801	+	12.21	9.17
ENSG0000(SLCO1C1)	protein_co chr12	20695355	20753386	+	0	0
ENSG0000(ETFBKMT)	protein_co chr12	31647160	31673114	+	0.8	1.48
ENSG0000(ETNK1)	protein_co chr12	22625075	22690665	+	8.13	8.77
ENSG0000(ZCRB1)	protein_co chr12	42312078	42326118	-	31.38	37.59
ENSG0000(TMEM117)	protein_co chr12	43835967	44389762	+	4.15	4.95
ENSG0000(PRICKLE1)	protein_co chr12	42456757	42590355	-	1.89	2.3

ENSG0000(C1RL	protein_co chr12	7089587	7109273 -	66.73	60.04
ENSG0000(NDUFA9	protein_co chr12	4649095	4694317 +	35.07	30.72
ENSG0000(CLSTN3	protein_co chr12	7129698	7158945 +	22.05	23.53
ENSG0000(KLRG1	protein_co chr12	8950044	9010760 +	0	0.34
ENSG0000(VAMP1	protein_co chr12	6462237	6470987 -	7.96	10.51
ENSG0000(TAPBPL	protein_co chr12	6451690	6466517 +	17.42	18.08
ENSG0000(CD27	protein_co chr12	6444867	6451718 +	0.17	0
ENSG0000(RBP5	protein_co chr12	7123684	7128942 -	0.14	0
ENSG0000(PEX5	protein_co chr12	7188685	7218574 +	17.16	14.93
ENSG0000(PIANP	protein_co chr12	6693792	6700800 -	3.24	2.27
ENSG0000(SLC38A4	protein_co chr12	46764761	46832408 -	0.18	0.19
ENSG0000(AMIGO2	protein_co chr12	47075707	47079951 -	4.74	4.9
ENSG0000(SCAF11	protein_co chr12	45919131	45992120 -	22.92	26.69
ENSG0000(COL2A1	protein_co chr12	47972965	48004486 -	0	0
ENSG0000(PPFIA2	protein_co chr12	81257975	81759553 -	0	0
ENSG0000(ANP32D	protein_co chr12	48472665	48473624 +	0	0.21
ENSG0000(LLPH	protein_co chr12	66116555	66130768 -	12.45	11.51
ENSG0000(RPL14P1	processed_chr12	62965325	62965969 +	1.39	0.98
ENSG0000(LRIG3	protein_co chr12	58872149	58920522 -	10.69	9.11
ENSG0000(9-Mar	protein_co chr12	57755098	57760407 +	6.82	5.53
ENSG0000(INHBE	protein_co chr12	57452323	57459280 +	4.11	4.56
ENSG0000(GLIPR1	protein_co chr12	75480680	75503853 +	103.71	99.5
ENSG0000(TPH2	protein_co chr12	71938846	72186618 +	0	0.09
ENSG0000(PHLDA1	protein_co chr12	76025447	76033932 -	21.17	19.08
ENSG0000(TMEM19	protein_co chr12	71686087	71705046 +	15.1	13.03
ENSG0000(LGR5	protein_co chr12	71439770	71586310 +	0.61	0.96
ENSG0000(PTPRQ	protein_co chr12	80402178	80680234 +	0.67	1.17
ENSG0000(DUSP6	protein_co chr12	89347232	89353271 -	15.32	14.41
ENSG0000(POC1B	protein_co chr12	89419718	89526024 -	3.26	2.98
ENSG0000(TMTC3	protein_co chr12	88142296	88199887 +	3.77	4.77
ENSG0000(LUM	protein_co chr12	91102629	91111831 -	287.09	327.08
ENSG0000(KERA	protein_co chr12	91050491	91057983 -	0	0
ENSG0000(SNRPF	protein_co chr12	95858928	95903828 +	13.64	10.98
ENSG0000(AMDHD1	protein_co chr12	95943293	95968716 +	0.48	1
ENSG0000(NEDD1	protein_co chr12	96907223	96953777 +	11.49	11.6
ENSG0000(SYCP3	protein_co chr12	1.02E+08	1.02E+08 -	0.72	0.32
ENSG0000(ASCL1	protein_co chr12	1.03E+08	1.03E+08 +	0	0.02
ENSG0000(GAS2L3	protein_co chr12	1.01E+08	1.01E+08 +	0.72	0.81
ENSG0000(TMEM132f	protein_co chr12	1.25E+08	1.26E+08 +	1.27	2.46
ENSG0000(SLC15A4	protein_co chr12	1.29E+08	1.29E+08 -	12.02	14.18
ENSG0000(TDG	protein_co chr12	1.04E+08	1.04E+08 +	9.41	7.33
ENSG0000(RITA1	protein_co chr12	1.13E+08	1.13E+08 +	8.59	8.03
ENSG0000(SDSL	protein_co chr12	1.13E+08	1.13E+08 +	2.99	4.82
ENSG0000(MMAB	protein_co chr12	1.1E+08	1.1E+08 -	24.1	27.61
ENSG0000(GLTP	protein_co chr12	1.1E+08	1.1E+08 -	19.67	18.4

ENSG0000(GIT2	protein_co chr12	1.1E+08	1.1E+08 -	20.66	20.84
ENSG0000(TCHP	protein_co chr12	1.1E+08	1.1E+08 +	5.04	6.27
ENSG0000(FAM222A	protein_co chr12	1.1E+08	1.1E+08 +	0.07	0.15
ENSG0000(FOXN4	protein_co chr12	1.09E+08	1.09E+08 -	0	0
ENSG0000(NUP58	protein_co chr13	25301524	25349800 +	5.86	6.44
ENSG0000(MTMR6	protein_co chr13	25246201	25288009 -	4.71	4.65
ENSG0000(SLC46A3	protein_co chr13	28700064	28718970 -	2.02	2.36
ENSG0000(SLC7A1	protein_co chr13	29509410	29595688 -	9.55	9.79
ENSG0000(PDX1	protein_co chr13	27920020	27926231 +	0	0
ENSG0000(LNX2	protein_co chr13	27545911	27620404 -	2.31	2.03
ENSG0000(SUOX	protein_co chr12	55997180	56006641 +	8.21	8.39
ENSG0000(CCDC65	protein_co chr12	48904110	48931840 +	0.16	0.14
ENSG0000(SLC39A5	protein_co chr12	56230049	56237846 +	0	0.08
ENSG0000(TARBP2	protein_co chr12	53500921	53506431 +	18.21	18.09
ENSG0000(RDH16	protein_co chr12	56951431	56959374 -	0.24	0.17
ENSG0000(DHH	protein_co chr12	49089421	49094819 -	0	0
ENSG0000(ACVRL1	protein_co chr12	51906908	51923361 +	7.04	6.62
ENSG0000(GPR84	protein_co chr12	54362445	54364487 -	0	0.04
ENSG0000(NPFF	protein_co chr12	53506690	53507638 -	0	0
ENSG0000(NABP2	protein_co chr12	56222015	56229854 +	14.55	14.11
ENSG0000(N4BP2L1	protein_co chr13	32400723	32428311 -	5.26	4.63
ENSG0000(CELA1	protein_co chr12	51328443	51346679 -	0	0
ENSG0000(SMARCC2	protein_co chr12	56162983	56189567 -	35.74	38.42
ENSG0000(BRCA2	protein_co chr13	32315474	32400266 +	0.42	0.44
ENSG0000(KANSL2	protein_co chr12	48653401	48682238 -	9.76	8.71
ENSG0000(CERS5	protein_co chr12	50129306	50167533 -	26.43	23.07
ENSG0000(MAP3K12	protein_co chr12	53479669	53500063 -	46.07	52.68
ENSG0000(ITGB7	protein_co chr12	53191318	53207307 -	0.44	0.68
ENSG0000(GALNT6	protein_co chr12	51351247	51392867 -	0.32	0.63
ENSG0000(CSAD	protein_co chr12	53157663	53180909 -	16.93	16.16
ENSG0000(LMBR1L	protein_co chr12	49096551	49110900 -	32.63	34.59
ENSG0000(C12orf10	protein_co chr12	53299686	53307177 +	21.43	25.16
ENSG0000(ESYT1	protein_co chr12	56118250	56144671 +	55.02	53.1
ENSG0000(TMBIM6	protein_co chr12	49707725	49764934 +	229.62	234.8
ENSG0000(ANKRD52	protein_co chr12	56237807	56258391 -	16.42	15.3
ENSG0000(KRT71	protein_co chr12	52543909	52553147 -	0	0
ENSG0000(ZNF740	protein_co chr12	53180700	53195141 +	10.47	8.23
ENSG0000(SMIM2	protein_co chr13	44143543	44161257 -	0	0
ENSG0000(WDFY2	protein_co chr13	51584455	51767707 +	3.12	3.14
ENSG0000(HNRNPA1L	protein_co chr13	52640786	52643796 +	2.09	2.32
ENSG0000(LPAR6	protein_co chr13	48389567	48444704 -	2.33	2.66
ENSG0000(ESD	protein_co chr13	46771256	46797232 -	80.21	78.73
ENSG0000(RB1	protein_co chr13	48303751	48481986 +	9.41	9.98
ENSG0000(SBNO1	protein_co chr12	1.23E+08	1.23E+08 -	7.06	6.81
ENSG0000(MORN3	protein_co chr12	1.22E+08	1.22E+08 -	0.19	0.62

ENSG0000(SETD1B	protein_co chr12	1.22E+08	1.22E+08 +	5.45	5.77
ENSG0000(VPS33A	protein_co chr12	1.22E+08	1.22E+08 -	9	8.34
ENSG0000(VPS37B	protein_co chr12	1.23E+08	1.23E+08 -	9.23	9.46
ENSG0000(RHOF	protein_co chr12	1.22E+08	1.22E+08 -	2.28	2.56
ENSG0000(DENR	protein_co chr12	1.23E+08	1.23E+08 +	21.24	22.93
ENSG0000(DIAPH3	protein_co chr13	59665583	60163987 -	1.26	1.6
ENSG0000(SLAIN1	protein_co chr13	77697854	77764242 +	0	0
ENSG0000(RBM26	protein_co chr13	79311824	79406477 -	7.6	9.42
ENSG0000(SRRM4	protein_co chr12	1.19E+08	1.19E+08 +	0	0
ENSG0000(METTL21C	protein_co chr13	1.03E+08	1.03E+08 -	0.11	0
ENSG0000(MBNL2	protein_co chr13	97221434	97394120 +	35.16	31.76
ENSG0000(RNFI13B	protein_co chr13	98175785	98177265 -	0	0
ENSG0000(ZIC5	protein_co chr13	99962964	99971909 -	0	0
ENSG0000(ABHD13	protein_co chr13	1.08E+08	1.08E+08 +	2.36	2.65
ENSG0000(RAB20	protein_co chr13	1.11E+08	1.11E+08 -	4.23	3.69
ENSG0000(GRTP1	protein_co chr13	1.13E+08	1.13E+08 -	1.72	1.14
ENSG0000(CUL4A	protein_co chr13	1.13E+08	1.13E+08 +	26.45	27.21
ENSG0000(TTC6	protein_co chr14	37595847	38041442 +	0.06	0.01
ENSG0000(SSTR1	protein_co chr14	38207999	38213067 +	0.52	0.42
ENSG0000(CDH24	protein_co chr14	23047062	23057538 -	2.27	3.1
ENSG0000(REM2	protein_co chr14	22883165	22887686 +	0.15	0.13
ENSG0000(CBLN3	protein_co chr14	24426532	24430954 -	10.71	11.33
ENSG0000(TSSK4	protein_co chr14	24205697	24208362 +	0	0
ENSG0000(NOVA1	protein_co chr14	26443093	26597754 -	2.63	3.05
ENSG0000(FITM1	protein_co chr14	24131275	24132849 +	0	0
ENSG0000(MDGA2	protein_co chr14	46839629	47674954 -	0	0
ENSG0000(TMX1	protein_co chr14	51240162	51257546 +	10.23	11.49
ENSG0000(FRMD6	protein_co chr14	51489100	51730727 +	37.07	38.27
ENSG0000(PELI2	protein_co chr14	56117814	56301526 +	5.17	5.81
ENSG0000(RTN1	protein_co chr14	59595976	59870966 -	0.02	0.05
ENSG0000(C14orf37	protein_co chr14	57999735	58298139 -	2.69	1.83
ENSG0000(SYT16	protein_co chr14	61811974	62112550 +	0	0
ENSG0000(SLC38A6	protein_co chr14	60981114	61083733 +	19.86	18.68
ENSG0000(NAA30	protein_co chr14	57390544	57415917 +	5.48	6.07
ENSG0000(ADAM21	protein_co chr14	70452157	70459899 +	0.14	0.14
ENSG0000(RDH12	protein_co chr14	67701886	67734452 +	0	0
ENSG0000(DCAF5	protein_co chr14	69050881	69153150 -	26.67	24.93
ENSG0000(RAB15	protein_co chr14	64945814	64972776 -	3.57	2.99
ENSG0000(WDR89	protein_co chr14	63597039	63641861 -	1.46	1.53
ENSG0000(ESR2	protein_co chr14	64084232	64338112 -	0	0
ENSG0000(KCNH5	protein_co chr14	62699454	63102037 -	0.02	0
ENSG0000(STON2	protein_co chr14	81260656	81436465 -	0.89	0.68
ENSG0000(EFCAB11	protein_co chr14	89794669	89954777 -	4.86	5.06
ENSG0000(GPR65	protein_co chr14	88005124	88014811 +	0.04	0.06
ENSG0000(PTGR2	protein_co chr14	73851844	73886827 +	3.22	4.05

ENSG0000(JDP2	protein_co chr14	75427716	75474111 +	34.25	33.07
ENSG0000(AK7	protein_co chr14	96392111	96489427 +	0.46	0.43
ENSG0000(FAM181A	protein_co chr14	93918894	93929608 +	0	0
ENSG0000(SLC24A4	protein_co chr14	92322581	92501483 +	0.02	0.03
ENSG0000(FBLN5	protein_co chr14	91869412	91947987 -	89.77	102.42
ENSG0000(SERPINA10	protein_co chr14	94280455	94293271 -	0.03	0.01
ENSG0000(C14orf79	protein_co chr14	1.05E+08	1.05E+08 +	4.78	6.48
ENSG0000(WARS	protein_co chr14	1E+08	1E+08 -	167.64	192.12
ENSG0000(SLC25A47	protein_co chr14	1E+08	1E+08 +	0	0
ENSG0000(WDR20	protein_co chr14	1.02E+08	1.02E+08 +	6.36	7.09
ENSG0000(NIPA2	protein_co chr15	22838641	22868384 +	16.6	15.07
ENSG0000(SLC12A6	protein_co chr15	34229996	34338060 -	12.96	14.31
ENSG0000(DUOXA1	protein_co chr15	45117367	45129938 -	0.04	0
ENSG0000(MFAP1	protein_co chr15	43804492	43824802 -	12.26	11.59
ENSG0000(TCF12	protein_co chr15	56918623	57299281 +	43.59	43.37
ENSG0000(SORD	protein_co chr15	45023104	45077185 +	6.64	6.34
ENSG0000(SERF2	protein_co chr15	43777087	43802589 +	685.59	665.14
ENSG0000(ZSCAN29	protein_co chr15	43358172	43371025 -	9.09	8.59
ENSG0000(DUOXA2	protein_co chr15	45114321	45118421 +	0	0
ENSG0000(DUOX2	protein_co chr15	45092650	45114344 -	0.13	0.26
ENSG0000(LYSMD2	protein_co chr15	51723011	51751585 -	2.14	2.65
ENSG0000(SLC27A2	protein_co chr15	50182196	50236395 +	0	0
ENSG0000(FGF7	protein_co chr15	49423096	49488775 +	235.23	215.17
ENSG0000(HDC	protein_co chr15	50241947	50266026 -	0	0
ENSG0000(GCNT3	protein_co chr15	59594875	59640239 +	1.46	0.9
ENSG0000(BNIP2	protein_co chr15	59659146	59689534 -	29.08	25.66
ENSG0000(GTF2A2	protein_co chr15	59638062	59657541 -	34.69	32.12
ENSG0000(SRP14	protein_co chr15	40035739	40039188 -	199.07	211.53
ENSG0000(BAHD1	protein_co chr15	40439721	40468242 +	6.9	6.93
ENSG0000(DISP2	protein_co chr15	40358235	40378639 +	0.28	0.31
ENSG0000(CDAN1	protein_co chr15	42723559	42737126 -	3.83	3.53
ENSG0000(TLE3	protein_co chr15	70047790	70098176 -	6.74	8.14
ENSG0000(ANP32A	protein_co chr15	68778535	68820897 -	30.21	31.58
ENSG0000(COMMD4	protein_co chr15	75335891	75343224 +	42.95	43.27
ENSG0000(UBE2Q2	protein_co chr15	75843285	75901078 +	14.15	13.41
ENSG0000(PSTPIP1	protein_co chr15	76993359	77037332 +	0.21	0.14
ENSG0000(ETFA	protein_co chr15	76215355	76311472 -	48.81	60.23
ENSG0000(BCL2A1	protein_co chr15	79960889	79971446 -	0	0
ENSG0000(HMG20A	protein_co chr15	77420412	77485607 +	16.18	15.77
ENSG0000(SCAPER	protein_co chr15	76347904	76905444 -	5.05	5.79
ENSG0000(TSPAN3	protein_co chr15	77041404	77083984 -	191.98	191.4
ENSG0000(WDR61	protein_co chr15	78277835	78299794 -	32.15	30.96
ENSG0000(NCOA2	protein_co chr8	70109762	70403805 -	7.4	8.18
ENSG0000(NEIL1	protein_co chr15	75346955	75357114 +	7.88	6.93
ENSG0000(MAN2C1	protein_co chr15	75355207	75368630 -	52.43	56.65

ENSG0000(DNAJA4	protein_co chr15	78264086	78282196	+	0.54	0.61
ENSG0000(MESDC1	protein_co chr15	81000944	81005788	+	2.54	3
ENSG0000(TPM1	protein_co chr15	63042632	63071915	+	285.78	313.03
ENSG0000(IGF1R	protein_co chr15	98648971	98964530	+	6.89	7.62
ENSG0000(ARRDC4	protein_co chr15	97960698	97973838	+	7.85	6.82
ENSG0000(PIF1	protein_co chr15	64815632	64825668	-	3.5	2.69
ENSG0000(USP3	protein_co chr15	63504511	63594640	+	10.82	9.24
ENSG0000(CYP11A1	protein_co chr15	74337759	74367740	-	1.46	1.45
ENSG0000(BBS4	protein_co chr15	72686179	72738476	+	11.42	12.82
ENSG0000(PML	protein_co chr15	73994673	74047812	+	38.87	37.13
ENSG0000(CYP1A1	protein_co chr15	74719542	74725610	-	0.14	0.52
ENSG0000(ADAMTS17	protein_co chr15	99971589	1E+08	-	0.03	0
ENSG0000(LINS1	protein_co chr15	1.01E+08	1.01E+08	-	4.05	3.86
ENSG0000(ULK3	protein_co chr15	74836116	74843346	-	9.95	13.05
ENSG0000(GOLGA6D	protein_co chr15	75282835	75295807	+	0	0
ENSG0000(PCSK6	protein_co chr15	1.01E+08	1.02E+08	-	2.93	3.44
ENSG0000(CCDC33	protein_co chr15	74202705	74336472	+	0	0
ENSG0000(CELF6	protein_co chr15	72284727	72320129	-	1.69	1.1
ENSG0000(SCAMP2	protein_co chr15	74843730	74873365	-	30.5	34
ENSG0000(CYP1A2	protein_co chr15	74748844	74756202	+	0	0
ENSG0000(LMAN1L	protein_co chr15	74812716	74825758	+	0	0.04
ENSG0000(HAPLN3	protein_co chr15	88877288	88895626	-	2.57	2.21
ENSG0000(RHCG	protein_co chr15	89471398	89496613	-	0	0.09
ENSG0000(POLG	protein_co chr15	89305198	89334861	-	49.4	13.79
ENSG0000(RLBP1	protein_co chr15	89209869	89221751	-	0	0
ENSG0000(FANCI	protein_co chr15	89243949	89317261	+	2.33	2.18
ENSG0000(ABHD2	protein_co chr15	89087459	89202360	+	18.08	13.24
ENSG0000(WDR93	protein_co chr15	89690797	89743638	+	0.03	0.12
ENSG0000(TICRR	protein_co chr15	89575482	89631056	+	0.32	0.33
ENSG0000(NTRK3	protein_co chr15	87859751	88256768	-	2.07	1.86
ENSG0000(DET1	protein_co chr15	88494440	88546675	-	3.45	3.98
ENSG0000(MFGE8	protein_co chr15	88898683	88913411	-	94.35	99.67
ENSG0000(ZNF710	protein_co chr15	90001392	90082206	+	4.34	3.25
ENSG0000(UNC45A	protein_co chr15	90930180	90954093	+	31.6	27.68
ENSG0000(ST8SIA2	protein_co chr15	92393828	92468728	+	0	0
ENSG0000(MCTP2	protein_co chr15	94231538	94483952	+	0.05	0.03
ENSG0000(FURIN	protein_co chr15	90868592	90883458	+	35	33.67
ENSG0000(IQGAP1	protein_co chr15	90388218	90502243	+	76.03	71.67
ENSG0000(CRTC3	protein_co chr15	90529925	90645345	+	12.02	12.91
ENSG0000(EFL1	protein_co chr15	82130230	82262763	-	5.59	5.09
ENSG0000(SH3GL3	protein_co chr15	83447228	83618743	+	0.17	0.09
ENSG0000(SEC11A	protein_co chr15	84669538	84716716	-	112.01	102.17
ENSG0000(12-Sep	protein_co chr16	4777669	4788521	-	0	0
ENSG0000(GLYR1	protein_co chr16	4803203	4847342	-	24.66	27.01
ENSG0000(PMM2	protein_co chr16	8788823	8849331	+	17.74	15.55

ENSG0000(SLC5A2	protein_co chr16	31483002	31490860	+	0.02	0
ENSG0000(ITGAX	protein_co chr16	31355134	31382997	+	0.17	0.06
ENSG0000(TGFB111	protein_co chr16	31471585	31477960	+	48.92	52.13
ENSG0000(C16orf58	protein_co chr16	31489471	31509309	-	25.13	27.16
ENSG0000(ARMC5	protein_co chr16	31458080	31467166	+	4.02	4.21
ENSG0000(PARN	protein_co chr16	14435701	14632728	-	15.12	17.41
ENSG0000(FTO	protein_co chr16	53701692	54158512	+	35.44	36.18
ENSG0000(UQCRC2	protein_co chr16	21952660	21983660	+	50.28	56.03
ENSG0000(CDR2	protein_co chr16	22345936	22437165	-	6.82	7.81
ENSG0000(IGSF6	protein_co chr16	21639537	21652660	-	0	0
ENSG0000(ARHGAP17	protein_co chr16	24919385	25015666	-	29.33	30.93
ENSG0000(MYLK3	protein_co chr16	46703369	46790407	-	0.22	0.2
ENSG0000(ABCC12	protein_co chr16	48082973	48156018	-	0	0
ENSG0000(NKD1	protein_co chr16	50548330	50649249	+	0.02	0.04
ENSG0000(DHX38	protein_co chr16	72093562	72112912	+	13.03	16.27
ENSG0000(TXNL4B	protein_co chr16	72044289	72094431	-	5.52	5.16
ENSG0000(MARVELD3	protein_co chr16	71626161	71642114	+	0	0.02
ENSG0000(CHST4	protein_co chr16	71525233	71538746	+	0	0
ENSG0000(ZFHX3	protein_co chr16	72782885	73059698	-	3.38	3.22
ENSG0000(CLEC18B	protein_co chr16	74408270	74421953	-	0.17	0.94
ENSG0000(CPNE2	protein_co chr16	57092537	57148367	+	12.67	12.24
ENSG0000(NLRC5	protein_co chr16	56989485	57083531	+	8.53	8.54
ENSG0000(KATNB1	protein_co chr16	57735730	57757250	+	5.87	6.79
ENSG0000(KIFC3	protein_co chr16	57758217	57863053	-	12.34	12.45
ENSG0000(ADAMTS18	protein_co chr16	77247813	77435114	-	0.24	0.37
ENSG0000(NUDT7	protein_co chr16	77722492	77742260	+	1.61	2.22
ENSG0000(GCSH	protein_co chr16	81081938	81096425	-	8.17	9.71
ENSG0000(CMTM3	protein_co chr16	66603874	66613892	+	21.33	20.8
ENSG0000(CMTM2	protein_co chr16	66579448	66588275	+	0.35	0
ENSG0000(CDH11	protein_co chr16	64943753	65126112	-	240.54	223.3
ENSG0000(NOL3	protein_co chr16	67170154	67175735	+	17.5	18.44
ENSG0000(MAP1LC3B	protein_co chr16	87383995	87404779	+	70.13	68.51
ENSG0000(MBTPS1	protein_co chr16	84053761	84116906	-	47.46	51.37
ENSG0000(CDH13	protein_co chr16	82626803	83800640	+	62.63	51.09
ENSG0000(ZCCHC14	protein_co chr16	87406246	87492045	-	10.78	11.97
ENSG0000(TLDC1	protein_co chr16	84476421	84554033	-	8.51	9.85
ENSG0000(ADAD2	protein_co chr16	84191138	84197168	+	0	0
ENSG0000(OSGIN1	protein_co chr16	83948282	83966332	+	5.23	4.35
ENSG0000(IRF8	protein_co chr16	85898803	85922609	+	0	0
ENSG0000(RHOT2	protein_co chr16	668086	674174	+	30.42	34.92
ENSG0000(RPL3L	protein_co chr16	1943974	1957606	-	0	0
ENSG0000(ZSCAN32	protein_co chr16	3382081	3401065	-	6.43	7.7
ENSG0000(RPS2	protein_co chr16	1962052	1964860	-	1269.9	1291.63
ENSG0000(NDUFB10	protein_co chr16	1959508	1961975	+	81.94	80.04
ENSG0000(PDPK1	protein_co chr16	2537964	2603188	+	14.12	13.62

ENSG0000(TIGD7	protein_co chr16	3298832	3305729	-	2.3	2.06
ENSG0000(DEF8	protein_co chr16	89947925	89968060	+	38.25	33.57
ENSG0000(TCF25	protein_co chr16	89873570	89913627	+	66.29	64.94
ENSG0000(GALNS	protein_co chr16	88813734	88856970	-	26.59	26.85
ENSG0000(GAS8	protein_co chr16	90019629	90044975	+	6.95	6.27
ENSG0000(MED9	protein_co chr17	17476986	17493226	+	6.07	6.1
ENSG0000(NCOR1	protein_co chr17	16029157	16218185	-	23.51	31.43
ENSG0000(CDRT15P1	unprocessε chr17	14024514	14025488	+	0	0
ENSG0000(COPS3	protein_co chr17	17246820	17281293	-	21.67	24.25
ENSG0000(GID4	protein_co chr17	18039292	18068404	+	4.83	5.6
ENSG0000(ZNF287	protein_co chr17	16551387	16569206	-	3.18	5.91
ENSG0000(MYOCD	protein_co chr17	12665890	12768949	+	0	0
ENSG0000(KSR1	protein_co chr17	27456714	27626438	+	16.73	16.96
ENSG0000(UTP4	protein_co chr16	69131291	69231130	+	14.93	15.36
ENSG0000(RANBP10	protein_co chr16	67723066	67806652	-	7.41	6.93
ENSG0000(CTRL	protein_co chr16	67927640	67932414	-	0	0.13
ENSG0000(DPEP3	protein_co chr16	67975663	67980829	-	0	0
ENSG0000(GFOD2	protein_co chr16	67674531	67719421	-	6.72	6.04
ENSG0000(NOB1	protein_co chr16	69741867	69754940	-	26.68	30.01
ENSG0000(PRPSAP2	protein_co chr17	18840085	18931287	+	7.44	7.71
ENSG0000(UNC45B	protein_co chr17	35147817	35189345	+	0	0
ENSG0000(PCTP	protein_co chr17	55750979	55842830	+	5.65	5.22
ENSG0000(OR4D1	protein_co chr17	58155133	58156156	+	0	0
ENSG0000(TOM1L1	protein_co chr17	54899387	54961956	+	8.03	10.1
ENSG0000(KIF2B	protein_co chr17	53822901	53825213	+	0	0
ENSG0000(C17orf80	protein_co chr17	73232233	73248947	+	6.13	6.56
ENSG0000(TOB1	protein_co chr17	50862223	50867978	-	14.25	17.01
ENSG0000(VPS53	protein_co chr17	508668	721717	-	8.4	10.67
ENSG0000(SPATA22	protein_co chr17	3440019	3513852	-	0	0
ENSG0000(SGSM2	protein_co chr17	2337498	2381058	+	18.6	21.53
ENSG0000(NPEPPS	protein_co chr17	47522942	47623276	+	72.39	69.32
ENSG0000(SKAP1	protein_co chr17	48133440	48430275	-	0	0
ENSG0000(LRRC46	protein_co chr17	47831627	47837713	+	0.26	0.08
ENSG0000(SCRN2	protein_co chr17	47837692	47841333	-	18.83	19.45
ENSG0000(SSH2	protein_co chr17	29625938	29930276	-	8.72	10.32
ENSG0000(RHBDL3	protein_co chr17	32266176	32324661	+	0.02	0.05
ENSG0000(SPACA3	protein_co chr17	32970376	32997877	+	0	0
ENSG0000(ARSG	protein_co chr17	68259182	68422731	+	0.87	0.39
ENSG0000(ABCA8	protein_co chr17	68867292	68955392	-	54.69	52.55
ENSG0000(G6PC3	protein_co chr17	44070735	44076344	+	41.09	44.44
ENSG0000(CLTC	protein_co chr17	59619689	59696956	+	89.64	93.12
ENSG0000(C17orf64	protein_co chr17	60392429	60431421	+	0	0
ENSG0000(BCAS3	protein_co chr17	60677453	61392838	+	8.91	9.14
ENSG0000(PTRH2	protein_co chr17	59674636	59707626	-	13.65	13.96
ENSG0000(SS18	protein_co chr18	26016253	26091217	-	28.91	28.32

ENSG0000(TAF4B	protein_co chr18	26225936	26391685	+	0.72	0.51
ENSG0000(AFG3L2	protein_co chr18	12328944	12377314	-	17.41	21.01
ENSG0000(PRELID3A	protein_co chr18	12407896	12432238	+	3.87	4.99
ENSG0000(IMPA2	protein_co chr18	11981025	12030883	+	14.56	17.55
ENSG0000(GNAL	protein_co chr18	11688956	11885685	+	0.32	0.45
ENSG0000(SLC39A6	protein_co chr18	36108532	36129385	-	39.11	40.14
ENSG0000(RPRD1A	protein_co chr18	35984387	36067576	-	8.37	8.77
ENSG0000(C18orf21	protein_co chr18	35972083	35979286	+	12.74	9.78
ENSG0000(GALNT1	protein_co chr18	35581117	35711834	+	26.9	27.44
ENSG0000(ASXL3	protein_co chr18	33578577	33751192	+	0	0
ENSG0000(ADCYAP1	protein_co chr18	904943	912172	+	0	0
ENSG0000(MEP1B	protein_co chr18	32185069	32220404	+	0	0
ENSG0000(SLC25A52	protein_co chr18	31759562	31760880	-	0	0
ENSG0000(GAREM1	protein_co chr18	32124877	32470484	-	2.65	2.29
ENSG0000(ESCO1	protein_co chr18	21529281	21600884	-	4.6	3.95
ENSG0000(OSBPL1A	protein_co chr18	24162044	24397880	-	22.22	23.53
ENSG0000(GATA6	protein_co chr18	22169443	22202528	+	27.56	24.84
ENSG0000(GREB1L	protein_co chr18	21242242	21525417	+	0.45	0.57
ENSG0000(C18orf8	protein_co chr18	23503470	23531807	+	9.25	9.43
ENSG0000(PELP1	protein_co chr17	4669774	4704337	-	11.68	10.72
ENSG0000(NPC1	protein_co chr18	23506184	23586898	-	32.58	27.73
ENSG0000(SLC14A1	protein_co chr18	45724127	45752520	+	114.28	104.95
ENSG0000(ARRB2	protein_co chr17	4710489	4721499	+	7.25	8.49
ENSG0000(SLC13A5	protein_co chr17	6684713	6713567	-	0.08	0.12
ENSG0000(ZMYND15	protein_co chr17	4740015	4746119	+	0.43	0.43
ENSG0000(WRAP53	protein_co chr17	7686071	7703502	+	3.64	3.35
ENSG0000(MINK1	protein_co chr17	4833388	4898061	+	22.86	23.94
ENSG0000(SAT2	protein_co chr17	7626234	7627876	-	76.96	71.77
ENSG0000(ASGR1	protein_co chr17	7173431	7179564	-	0.27	0.31
ENSG0000(PIK3R5	protein_co chr17	8878911	8965712	-	0	0
ENSG0000(TP53	protein_co chr17	7661779	7687550	-	27.04	26.36
ENSG0000(CCDC40	protein_co chr17	80036632	80100613	+	1.91	1.87
ENSG0000(ARHGDI1A	protein_co chr17	81867721	81871406	-	133.03	118.41
ENSG0000(TMC6	protein_co chr17	78110458	78132407	-	0.47	0.47
ENSG0000(SLC16A3	protein_co chr17	82228397	82261129	+	143.26	115.5
ENSG0000(CARD14	protein_co chr17	80169992	80209331	+	0.06	0.17
ENSG0000(TTYH2	protein_co chr17	74213514	74262020	+	2.66	2.98
ENSG0000(RAB40B	protein_co chr17	82654973	82698728	-	7.07	6.39
ENSG0000(EIF4A3	protein_co chr17	80135214	80147183	-	25.5	25.39
ENSG0000(CSNK1D	protein_co chr17	82239023	82273731	-	50.17	52.08
ENSG0000(ANAPC11	protein_co chr17	81890790	81900991	+	57.6	66.88
ENSG0000(TBCD	protein_co chr17	82752064	82945922	+	20.76	20.53
ENSG0000(FN3KRP	protein_co chr17	82716683	82730328	+	13.53	13.96
ENSG0000(NARF	protein_co chr17	82458180	82490537	+	26.03	25.45
ENSG0000(RPTOR	protein_co chr17	80544819	80966371	+	4.74	5.23

ENSG0000(FOXK2	protein_co chr17	82519713	82644662	+	10.9	12.07
ENSG0000(TRIM65	protein_co chr17	75880335	75897003	-	9.28	9.46
ENSG0000(CBX8	protein_co chr17	79792132	79801683	-	2.65	2.8
ENSG0000(SECTM1	protein_co chr17	82321024	82334074	-	23.06	25.97
ENSG0000(RNF157	protein_co chr17	76142453	76240373	-	0.06	0
ENSG0000(CEP131	protein_co chr17	81189593	81222999	-	3.04	2.97
ENSG0000(ZNF750	protein_co chr17	82829435	82840578	-	0	0
ENSG0000(WDR45B	protein_co chr17	82614562	82648553	-	39.72	37.57
ENSG0000(CBX4	protein_co chr17	79833156	79839429	-	7.38	8.46
ENSG0000(RNF165	protein_co chr18	46326809	46463140	+	0.07	0.15
ENSG0000(DYM	protein_co chr18	49041474	49461347	-	34.35	33.99
ENSG0000(MAPK4	protein_co chr18	50560078	50731824	+	0.04	0.03
ENSG0000(ELAC1	protein_co chr18	50967991	50988121	+	4.97	5.66
ENSG0000(MBD1	protein_co chr18	50266882	50281774	-	28.25	29.75
ENSG0000(SMAD4	protein_co chr18	51028394	51085045	+	31.26	41.11
ENSG0000(TNFRSF11A	protein_co chr18	62325287	62391292	+	1.55	0.99
ENSG0000(ZCCHC2	protein_co chr18	62523007	62587709	+	5.04	5.12
ENSG0000(FBXO15	protein_co chr18	74073353	74147865	-	0.17	0.17
ENSG0000(CBLN2	protein_co chr18	72536680	72638521	-	0	0
ENSG0000(PMAIP1	protein_co chr18	59899948	59904306	+	1.72	1.83
ENSG0000(P3H4	protein_co chr17	41801947	41812604	-	18.74	17.61
ENSG0000(NT5C3B	protein_co chr17	41825181	41836263	-	28.05	27.56
ENSG0000(FAM134C	protein_co chr17	42579513	42610623	-	14.48	12.48
ENSG0000(ERBB2	protein_co chr17	39687914	39730426	+	22.53	22.4
ENSG0000(GRB7	protein_co chr17	39737927	39747291	+	0.03	0.13
ENSG0000(MIEN1	protein_co chr17	39728496	39730787	-	28.14	32.57
ENSG0000(PNMT	protein_co chr17	39667981	39670475	+	0	0
ENSG0000(ARL5C	protein_co chr17	39156894	39167484	-	0	0
ENSG0000(STAC2	protein_co chr17	39210536	39225872	-	0.1	0.11
ENSG0000(IGFBP4	protein_co chr17	40443461	40457731	+	821.39	803.13
ENSG0000(FKBP10	protein_co chr17	41812680	41823217	+	252.59	233.68
ENSG0000(TXNL4A	protein_co chr18	79970811	80033949	-	37.54	38.36
ENSG0000(CACNA1A	protein_co chr19	13206442	13633025	-	1.26	0.72
ENSG0000(MISP3	protein_co chr19	14072536	14075062	+	0.79	1
ENSG0000(SAMD1	protein_co chr19	14087840	14091036	-	11.97	11.44
ENSG0000(BRD4	protein_co chr19	15235519	15332545	-	16.54	19.92
ENSG0000(SLC39A3	protein_co chr19	2732204	2740152	-	11.66	11.1
ENSG0000(NFIC	protein_co chr19	3359563	3469217	+	34.41	37.49
ENSG0000(TPGS1	protein_co chr19	507497	519654	+	8.36	11.24
ENSG0000(PLPP2	protein_co chr19	281040	291504	-	0.07	0.16
ENSG0000(ZIM3	protein_co chr19	57134096	57145202	-	0.02	0
ENSG0000(PRDM15	protein_co chr21	41798225	41879482	-	1.51	1.7
ENSG0000(PFKL	protein_co chr21	44300051	44327376	+	86.27	77.74
ENSG0000(FEM1A	protein_co chr19	4791681	4801273	+	2.2	2.19
ENSG0000(VAV1	protein_co chr19	6772714	6857366	+	0.08	0.19

ENSG0000(MVB12A	protein_co chr19	17405722	17433724	+	29.43	27.71
ENSG0000(CIB3	protein_co chr19	16161368	16173525	-	0	0
ENSG0000(CTD-3222D	protein_co chr19	16479067	16628204	-	0	0
ENSG0000(SH3GL1	protein_co chr19	4360370	4400547	-	42.19	42.56
ENSG0000(DUS3L	protein_co chr19	5784832	5791238	-	8.31	6.66
ENSG0000(DPP9	protein_co chr19	4675224	4724673	-	11.55	12.21
ENSG0000(DMRTC2	protein_co chr19	41844743	41852333	+	0	0
ENSG0000(CCDC97	protein_co chr19	41310189	41324883	+	9.85	11.66
ENSG0000(TMEM91	protein_co chr19	41350911	41384083	+	7.87	9.08
ENSG0000(ZFP14	protein_co chr19	36334453	36379199	-	0.54	0.75
ENSG0000(SIRT3	protein_co chr11	215458	236931	-	11.17	9.81
ENSG0000(IFITM3	protein_co chr11	319669	327537	-	993.08	962.95
ENSG0000(PGGHG	protein_co chr11	289135	296107	+	5.03	6.46
ENSG0000(HUNK	protein_co chr21	31873315	32044633	+	0.01	0.03
ENSG0000(COL6A1	protein_co chr21	45981737	46005050	+	822.04	881.53
ENSG0000(OR1E3	unprocessε chr17	3116423	3117366	+	0	0
ENSG0000(IFNAR1	protein_co chr21	33324477	33359862	+	12.8	11.43
ENSG0000(SOD1	protein_co chr21	31659622	31668931	+	115.16	116.55
ENSG0000(COL6A2	protein_co chr21	46098097	46132849	+	1108.85	1164.3
ENSG0000(SIK1	protein_co chr21	43414515	43427128	-	0	0
ENSG0000(DNMT3L	protein_co chr21	44246339	44262216	-	0	0
ENSG0000(TRPM2	protein_co chr21	44350163	44443081	+	0.01	0
ENSG0000(SCYL1	protein_co chr11	65525077	65538704	+	34.76	34.31
ENSG0000(TMEM50B	protein_co chr21	33432485	33480011	-	11.15	10.23
ENSG0000(APP	protein_co chr21	25880550	26171128	-	625.1	610.85
ENSG0000(DOPEY2	protein_co chr21	36156782	36294274	+	5.03	4.87
ENSG0000(URB1	protein_co chr21	32311018	32393026	-	3.46	3.52
ENSG0000(AKT1	protein_co chr14	1.05E+08	1.05E+08	-	52.59	50.94
ENSG0000(IL19	protein_co chr1	2.07E+08	2.07E+08	+	0.24	0.33
ENSG0000(EMP3	protein_co chr19	48321509	48330553	+	274.47	284.67
ENSG0000(SAE1	protein_co chr19	47113274	47210636	+	33.05	34.18
ENSG0000(NTN5	protein_co chr19	48661407	48673081	-	0.2	0.32
ENSG0000(LMTK3	protein_co chr19	48485271	48513189	-	0.01	0.04
ENSG0000(GEMIN7	protein_co chr19	45079195	45091524	+	14.43	10.23
ENSG0000(CBLC	protein_co chr19	44777869	44800634	+	0	0
ENSG0000(WTIP	protein_co chr19	34481638	34512304	+	13.55	14.18
ENSG0000(ADAMTS1C	protein_co chr19	8580242	8610735	-	12.69	14.81
ENSG0000(SLC6A3	protein_co chr5	1392790	1445430	-	0	0
ENSG0000(RNPEPL1	protein_co chr2	2.41E+08	2.41E+08	+	21.8	24.53
ENSG0000(CAPN10	protein_co chr2	2.41E+08	2.41E+08	+	8.39	6.99
ENSG0000(MYO1F	protein_co chr19	8520790	8577577	-	0.25	0.05
ENSG0000(ERVK3-1	protein_co chr19	58305319	58315663	+	12.99	16.25
ENSG0000(NLRP12	protein_co chr19	53793603	53824394	-	0.02	0.05
ENSG0000(CACNG8	protein_co chr19	53963040	53990215	+	2.62	2.85
ENSG0000(ZNF787	protein_co chr19	56087366	56121280	-	7.78	8.18

ENSG0000(TIMM29	protein_co chr19	10928733	10933535	+	8.66	7.14
ENSG0000(FBN3	protein_co chr19	8065402	8149846	-	0	0
ENSG0000(CARM1	protein_co chr19	10871513	10923070	+	23.35	24.88
ENSG0000(EVI5L	protein_co chr19	7830233	7864976	+	9.64	11.28
ENSG0000(TM4SF5	protein_co chr17	4771884	4783213	+	0	0
ENSG0000(SLC47A1	protein_co chr17	19495385	19579034	+	0.14	0.78
ENSG0000(PSMB6	protein_co chr17	4796144	4798503	+	69.97	74.95
ENSG0000(GPR32	protein_co chr19	50770464	50771732	+	0	0
ENSG0000(SIGLEC10	protein_co chr19	51410021	51417803	-	0.07	0.14
ENSG0000(ACPT	protein_co chr19	50790415	50795224	+	0	0
ENSG0000(KLK3	protein_co chr19	50854915	50860764	+	0	0
ENSG0000(ZNF473	protein_co chr19	50025714	50053414	+	3.15	1.38
ENSG0000(FAM71E1	protein_co chr19	50466785	50476753	-	0.18	0.39
ENSG0000(RPS11	protein_co chr19	49496365	49499689	+	1413.69	1428.57
ENSG0000(PTH2	protein_co chr19	49422414	49423441	-	0	0
ENSG0000(CTD-2545M	protein_co chr19	50415799	50428409	+	0	0
ENSG0000(RPL13A	protein_co chr19	49487554	49492308	+	1552.68	1582.08
ENSG0000(CTU1	protein_co chr19	51097606	51108370	-	1.52	3.04
ENSG0000(NOSIP	protein_co chr19	49555711	49590262	-	28	29.55
ENSG0000(IGLON5	protein_co chr19	51311848	51330354	+	0.02	0.05
ENSG0000(RCN3	protein_co chr19	49527618	49546962	+	102.97	92.99
ENSG0000(ZNF614	protein_co chr19	52012765	52030240	-	2.92	2.63
ENSG0000(SLC2A5	protein_co chr1	9035107	9088478	-	5.03	4.06
ENSG0000(RERE	protein_co chr1	8352397	8817643	-	35.45	40.79
ENSG0000(MMEL1	protein_co chr1	2590639	2632990	-	0.13	0
ENSG0000(CFAP74	protein_co chr1	1921951	2003837	-	0.12	0.03
ENSG0000(PRDM16	protein_co chr1	3069168	3438621	+	0	0.02
ENSG0000(CELA2A	protein_co chr1	15456728	15472091	+	0	0.07
ENSG0000(PADI3	protein_co chr1	17249098	17284233	+	0	0
ENSG0000(FHAD1	protein_co chr1	15247272	15400283	+	0.08	0.18
ENSG0000(PADI1	protein_co chr1	17205126	17246005	+	0.02	0
ENSG0000(EPHA2	protein_co chr1	16124337	16156087	-	7.47	9.53
ENSG0000(ARHGEF19	protein_co chr1	16197854	16212609	-	5.42	5.72
ENSG0000(EFHD2	protein_co chr1	15409895	15430343	+	6.22	7.64
ENSG0000(PEX14	protein_co chr1	10472288	10630758	+	8.66	7.73
ENSG0000(PGD	protein_co chr1	10398592	10420144	+	71.78	79.99
ENSG0000(MYOM3	protein_co chr1	24056035	24112175	-	0.02	0.02
ENSG0000(SH3BGR13	protein_co chr1	26279176	26281522	+	264.15	240.72
ENSG0000(CNKSR1	protein_co chr1	26177403	26189886	+	0.23	0.07
ENSG0000(RPL11	protein_co chr1	23691779	23696425	+	1137.36	1113.05
ENSG0000(IL22RA1	protein_co chr1	24119771	24143121	-	0.02	0
ENSG0000(ZNF593	protein_co chr1	26169871	26170873	+	9.71	11.9
ENSG0000(C1orf216	protein_co chr1	35713875	35719472	-	9.45	9.32
ENSG0000(KIAA0319L	protein_co chr1	35433490	35557950	-	21.44	22.29
ENSG0000(EVA1B	protein_co chr1	36322031	36324154	-	47.01	54.47

ENSG0000(C1orf94	protein_co chr1	34166883	34219131	+	0	0
ENSG0000(DMRTA2	protein_co chr1	50417550	50423500	-	0	0
ENSG0000(PLK4	protein_co chr4	1.28E+08	1.28E+08	+	0.89	0.81
ENSG0000(MAP3K6	protein_co chr1	27355184	27366892	-	10.64	10.66
ENSG0000(FCN3	protein_co chr1	27369112	27374824	-	0.06	0
ENSG0000(GPN2	protein_co chr1	26876133	26890297	-	15.49	13.34
ENSG0000(SYTL1	protein_co chr1	27342020	27353937	+	0.85	0.55
ENSG0000(WDTC1	protein_co chr1	27234516	27308633	+	19.77	19.59
ENSG0000(CELA3A	protein_co chr1	22001656	22012539	+	0	0
ENSG0000(NBPF3	protein_co chr1	21440128	21485005	+	9.07	7.86
ENSG0000(HSPG2	protein_co chr1	21822245	21937297	-	230.81	228.91
ENSG0000(ITGB3BP	protein_co chr1	63440770	63593721	-	12.19	10.46
ENSG0000(SERBP1	protein_co chr1	67407810	67430415	-	73.5	72.32
ENSG0000(BCL10	protein_co chr1	85266248	85277090	-	6.46	5.43
ENSG0000(CYR61	protein_co chr1	85580761	85583962	+	176.65	143.93
ENSG0000(PRKACB	protein_co chr1	84078062	84238498	+	11.81	12.85
ENSG0000(PIGK	protein_co chr1	77088990	77219430	-	21.87	23.54
ENSG0000(TINAGL1	protein_co chr1	31576485	31587686	+	3.34	3.94
ENSG0000(AZIN2	protein_co chr1	33081104	33120530	+	5.25	4.94
ENSG0000(RPS8	protein_co chr1	44775251	44778779	+	818.99	849.75
ENSG0000(KIF2C	protein_co chr1	44739818	44767767	+	0.06	0.23
ENSG0000(PTPRF	protein_co chr1	43525187	43623666	+	32.66	27.85
ENSG0000(BEST4	protein_co chr1	44783585	44787705	-	0.38	0.18
ENSG0000(MOB3C	protein_co chr1	46607715	46616891	-	6.53	4.63
ENSG0000(CYP4B1	protein_co chr1	46757838	46819413	+	0	0
ENSG0000(TMEM61	protein_co chr1	54980792	54992293	+	0.05	0
ENSG0000(DMRTB1	protein_co chr1	53459399	53467488	+	0	0
ENSG0000(LMO4	protein_co chr1	87328468	87348923	+	33.91	35.81
ENSG0000(SYPL2	protein_co chr1	1.09E+08	1.09E+08	+	0.24	0.2
ENSG0000(BARHL2	protein_co chr1	90711539	90717237	-	0	0
ENSG0000(MTF2	protein_co chr1	93079235	93139081	+	3.46	5.85
ENSG0000(SLC44A3	protein_co chr1	94820342	94895246	+	1.21	0.43
ENSG0000(IGSF3	protein_co chr1	1.17E+08	1.17E+08	-	0.4	0.6
ENSG0000(ZNF697	protein_co chr1	1.2E+08	1.2E+08	-	2.23	2.56
ENSG0000(CTTNBP2N	protein_co chr1	1.12E+08	1.12E+08	+	9.57	9.15
ENSG0000(STRIP1	protein_co chr1	1.1E+08	1.1E+08	+	13.59	14.31
ENSG0000(KCNA10	protein_co chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(PSMA5	protein_co chr1	1.09E+08	1.09E+08	-	22.93	25.3
ENSG0000(FNDC7	protein_co chr1	1.09E+08	1.09E+08	+	0.02	0.04
ENSG0000(C1orf162	protein_co chr1	1.11E+08	1.11E+08	+	0.07	0.45
ENSG0000(CD53	protein_co chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(PROK1	protein_co chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(CELSR2	protein_co chr1	1.09E+08	1.09E+08	+	1.09	1.07
ENSG0000(ITGA10	protein_co chr1	1.46E+08	1.46E+08	-	1.17	0.91
ENSG0000(GPR161	protein_co chr1	1.68E+08	1.68E+08	-	8.15	8

ENSG0000(ALDH9A1	protein_co chr1	1.66E+08	1.66E+08 -	37.74	39
ENSG0000(ATP1B1	protein_co chr1	1.69E+08	1.69E+08 +	4.01	4.24
ENSG0000(TIPRL	protein_co chr1	1.68E+08	1.68E+08 +	17.25	16.75
ENSG0000(NME7	protein_co chr1	1.69E+08	1.69E+08 -	7.95	10.76
ENSG0000(POGK	protein_co chr1	1.67E+08	1.67E+08 +	7.03	6.63
ENSG0000(MPC2	protein_co chr1	1.68E+08	1.68E+08 -	27.91	30.28
ENSG0000(CREG1	protein_co chr1	1.68E+08	1.68E+08 -	121.9	123.74
ENSG0000(DCAF6	protein_co chr1	1.68E+08	1.68E+08 +	34.75	35.57
ENSG0000(GPA33	protein_co chr1	1.67E+08	1.67E+08 -	0	0
ENSG0000(RXRG	protein_co chr1	1.65E+08	1.65E+08 -	0.03	0
ENSG0000(TBX19	protein_co chr1	1.68E+08	1.68E+08 +	1.69	1.67
ENSG0000(UCK2	protein_co chr1	1.66E+08	1.66E+08 +	16.63	13.64
ENSG0000(TMCO1	protein_co chr1	1.66E+08	1.66E+08 -	53.73	55.86
ENSG0000(XCL1	protein_co chr1	1.69E+08	1.69E+08 +	0	0
ENSG0000(XCL2	protein_co chr1	1.69E+08	1.69E+08 -	0	0
ENSG0000(POU2F1	protein_co chr1	1.67E+08	1.67E+08 +	1.6	1.32
ENSG0000(MAEL	protein_co chr1	1.67E+08	1.67E+08 +	0	0
ENSG0000(ILDR2	protein_co chr1	1.67E+08	1.67E+08 -	0	0
ENSG0000(DPT	protein_co chr1	1.69E+08	1.69E+08 -	0.54	0.24
ENSG0000(MGST3	protein_co chr1	1.66E+08	1.66E+08 +	122.4	124.78
ENSG0000(ADCY10	protein_co chr1	1.68E+08	1.68E+08 -	0	0
ENSG0000(RFWD2	protein_co chr1	1.76E+08	1.76E+08 -	11.3	11.55
ENSG0000(NECTIN4	protein_co chr1	1.61E+08	1.61E+08 -	0.22	0.32
ENSG0000(UFC1	protein_co chr1	1.61E+08	1.61E+08 +	63.24	59.94
ENSG0000(PPOX	protein_co chr1	1.61E+08	1.61E+08 +	10.53	11.58
ENSG0000(FCGR2A	protein_co chr1	1.62E+08	1.62E+08 +	0.16	0.14
ENSG0000(NUF2	protein_co chr1	1.63E+08	1.63E+08 +	0.12	0.07
ENSG0000(RGS5	protein_co chr1	1.63E+08	1.63E+08 -	11.98	14.49
ENSG0000(SDHC	protein_co chr1	1.61E+08	1.61E+08 +	107.35	121.13
ENSG0000(PFDN2	protein_co chr1	1.61E+08	1.61E+08 -	38.93	37.66
ENSG0000(NR1I3	protein_co chr1	1.61E+08	1.61E+08 -	0.17	0.24
ENSG0000(USP21	protein_co chr1	1.61E+08	1.61E+08 +	7.7	9.23
ENSG0000(F13B	protein_co chr1	1.97E+08	1.97E+08 -	0	0
ENSG0000(PRCC	protein_co chr1	1.57E+08	1.57E+08 +	22.55	22.43
ENSG0000(FCRL5	protein_co chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(RRNAD1	protein_co chr1	1.57E+08	1.57E+08 +	9.93	11.18
ENSG0000(MRPL24	protein_co chr1	1.57E+08	1.57E+08 -	22.9	26.55
ENSG0000(PIGM	protein_co chr1	1.6E+08	1.6E+08 -	2.85	2.44
ENSG0000(CASQ1	protein_co chr1	1.6E+08	1.6E+08 +	0	0
ENSG0000(ISG20L2	protein_co chr1	1.57E+08	1.57E+08 -	11.28	14.24
ENSG0000(CRABP2	protein_co chr1	1.57E+08	1.57E+08 -	148.17	140.1
ENSG0000(HDGF	protein_co chr1	1.57E+08	1.57E+08 -	135.35	136.63
ENSG0000(ABL2	protein_co chr1	1.79E+08	1.79E+08 -	15.05	13.18
ENSG0000(XPR1	protein_co chr1	1.81E+08	1.81E+08 +	10.09	8.65
ENSG0000(RGS16	protein_co chr1	1.83E+08	1.83E+08 -	0.34	0.15

ENSG0000(TOR1AIP1	protein_co chr1	1.8E+08	1.8E+08 +	29.45	27.58
ENSG0000(FAM163A	protein_co chr1	1.8E+08	1.8E+08 +	0.04	0.04
ENSG0000(HMCN1	protein_co chr1	1.86E+08	1.86E+08 +	80.23	91.15
ENSG0000(RGL1	protein_co chr1	1.84E+08	1.84E+08 +	10.62	13.28
ENSG0000(LYPLAL1	protein_co chr1	2.19E+08	2.19E+08 +	10.07	15.09
ENSG0000(LHX9	protein_co chr1	1.98E+08	1.98E+08 +	2.27	1.72
ENSG0000(PRUNE1	protein_co chr1	1.51E+08	1.51E+08 +	8.19	9.86
ENSG0000(RORC	protein_co chr1	1.52E+08	1.52E+08 -	0	0.02
ENSG0000(TUFT1	protein_co chr1	1.52E+08	1.52E+08 +	3.62	4
ENSG0000(SF3B4	protein_co chr1	1.5E+08	1.5E+08 -	22.03	22.75
ENSG0000(ECM1	protein_co chr1	1.51E+08	1.51E+08 +	181.97	179.91
ENSG0000(ZNF687	protein_co chr1	1.51E+08	1.51E+08 +	8.09	7.27
ENSG0000(TARS2	protein_co chr1	1.5E+08	1.51E+08 +	7.05	8.1
ENSG0000(CGN	protein_co chr1	1.52E+08	1.52E+08 +	0.54	0.54
ENSG0000(SNX27	protein_co chr1	1.52E+08	1.52E+08 +	6.09	5.53
ENSG0000(SETDB1	protein_co chr1	1.51E+08	1.51E+08 +	9.91	11.02
ENSG0000(ADAMTSL4	protein_co chr1	1.51E+08	1.51E+08 +	26.29	24.62
ENSG0000(MCL1	protein_co chr1	1.51E+08	1.51E+08 -	64.69	63.7
ENSG0000(CTSK	protein_co chr1	1.51E+08	1.51E+08 -	198.22	216.37
ENSG0000(RFX5	protein_co chr1	1.51E+08	1.51E+08 -	10.82	11.55
ENSG0000(PI4KB	protein_co chr1	1.51E+08	1.51E+08 -	21.37	21.39
ENSG0000(PIP5K1A	protein_co chr1	1.51E+08	1.51E+08 +	24.94	21.78
ENSG0000(ANP32E	protein_co chr1	1.5E+08	1.5E+08 -	6.99	8.71
ENSG0000(MINDY1	protein_co chr1	1.51E+08	1.51E+08 -	7.86	8.89
ENSG0000(ANXA9	protein_co chr1	1.51E+08	1.51E+08 +	0.18	0.48
ENSG0000(SELENBP1	protein_co chr1	1.51E+08	1.51E+08 -	43.62	55.82
ENSG0000(CERS2	protein_co chr1	1.51E+08	1.51E+08 -	82.69	79.9
ENSG0000(ENSA	protein_co chr1	1.51E+08	1.51E+08 -	46.98	49.28
ENSG0000(AC027612.	transcribec chr2	91617160	91659972 -	7.48	8.97
ENSG0000(SEMA6C	protein_co chr1	1.51E+08	1.51E+08 -	3.57	3.19
ENSG0000(MRPL9	protein_co chr1	1.52E+08	1.52E+08 -	19.27	21.79
ENSG0000(ARNT	protein_co chr1	1.51E+08	1.51E+08 -	31.05	32.13
ENSG0000(POGZ	protein_co chr1	1.51E+08	1.51E+08 -	20.63	18.88
ENSG0000(C1orf56	protein_co chr1	1.51E+08	1.51E+08 +	2.76	3.11
ENSG0000(OAZ3	protein_co chr1	1.52E+08	1.52E+08 +	0.39	1.58
ENSG0000(HORMAD1	protein_co chr1	1.51E+08	1.51E+08 -	0.09	0
ENSG0000(GOLPH3L	protein_co chr1	1.51E+08	1.51E+08 -	9.9	12.44
ENSG0000(GABPB2	protein_co chr1	1.51E+08	1.51E+08 +	3.9	3.85
ENSG0000(SYT14	protein_co chr1	2.1E+08	2.1E+08 +	1.26	1.8
ENSG0000(KCNH1	protein_co chr1	2.11E+08	2.11E+08 -	0	0
ENSG0000(DTL	protein_co chr1	2.12E+08	2.12E+08 +	0.25	0.33
ENSG0000(DYRK3	protein_co chr1	2.07E+08	2.07E+08 +	6.25	6.55
ENSG0000(EIF2D	protein_co chr1	2.07E+08	2.07E+08 -	26.27	27.29
ENSG0000(INTS7	protein_co chr1	2.12E+08	2.12E+08 -	5.34	4.76
ENSG0000(VASH2	protein_co chr1	2.13E+08	2.13E+08 +	0.89	1.84

ENSG0000(TAF1A	protein_co chr1	2.23E+08	2.23E+08 -	2.5	2.09
ENSG0000(SMYD2	protein_co chr1	2.14E+08	2.14E+08 +	13.43	13.66
ENSG0000(SUSD4	protein_co chr1	2.23E+08	2.23E+08 -	0.06	0.55
ENSG0000(DUSP10	protein_co chr1	2.22E+08	2.22E+08 -	6.42	6.94
ENSG0000(HHIPL2	protein_co chr1	2.23E+08	2.23E+08 -	1.42	1.13
ENSG0000(TP53BP2	protein_co chr1	2.24E+08	2.24E+08 -	9	10.91
ENSG0000(ATP8B2	protein_co chr1	1.54E+08	1.54E+08 +	38.44	39.34
ENSG0000(FLG2	protein_co chr1	1.52E+08	1.52E+08 -	0.01	0
ENSG0000(CRNN	protein_co chr1	1.52E+08	1.52E+08 -	0	0
ENSG0000(ADAM15	protein_co chr1	1.55E+08	1.55E+08 +	51.92	49.69
ENSG0000(JTB	protein_co chr1	1.54E+08	1.54E+08 -	64.33	65.58
ENSG0000(RAB13	protein_co chr1	1.54E+08	1.54E+08 -	228.46	222.7
ENSG0000(S100A8	protein_co chr1	1.53E+08	1.53E+08 -	0	0.33
ENSG0000(TPM3	protein_co chr1	1.54E+08	1.54E+08 -	108.53	116.2
ENSG0000(NUP210L	protein_co chr1	1.54E+08	1.54E+08 -	0	0
ENSG0000(SNAPIN	protein_co chr1	1.54E+08	1.54E+08 +	31.23	31.58
ENSG0000(SLC27A3	protein_co chr1	1.54E+08	1.54E+08 +	28	25.55
ENSG0000(S100A7	protein_co chr1	1.53E+08	1.53E+08 -	0	0
ENSG0000(UBAP2L	protein_co chr1	1.54E+08	1.54E+08 +	62.75	64.98
ENSG0000(SLC39A1	protein_co chr1	1.54E+08	1.54E+08 -	53.8	51.84
ENSG0000(HAX1	protein_co chr1	1.54E+08	1.54E+08 +	42.68	42.15
ENSG0000(CREB3L4	protein_co chr1	1.54E+08	1.54E+08 +	6.2	6.58
ENSG0000(EFNA3	protein_co chr1	1.55E+08	1.55E+08 +	3.86	3.25
ENSG0000(AQP10	protein_co chr1	1.54E+08	1.54E+08 +	0.09	0.28
ENSG0000(KCNN3	protein_co chr1	1.55E+08	1.55E+08 -	0.13	0.04
ENSG0000(C1orf43	protein_co chr1	1.54E+08	1.54E+08 -	87.77	90.49
ENSG0000(GATAD2B	protein_co chr1	1.54E+08	1.54E+08 -	5.81	7.75
ENSG0000(ILF2	protein_co chr1	1.54E+08	1.54E+08 -	42.04	47.68
ENSG0000(RIT1	protein_co chr1	1.56E+08	1.56E+08 -	12.48	10.86
ENSG0000(INTS3	protein_co chr1	1.54E+08	1.54E+08 +	17.7	16.13
ENSG0000(PKLR	protein_co chr1	1.55E+08	1.55E+08 -	0.08	0
ENSG0000(HCN3	protein_co chr1	1.55E+08	1.55E+08 +	1.97	1.49
ENSG0000(FLG	protein_co chr1	1.52E+08	1.52E+08 -	0	0
ENSG0000(ACTA1	protein_co chr1	2.29E+08	2.29E+08 -	0	0.06
ENSG0000(C1orf131	protein_co chr1	2.31E+08	2.31E+08 -	5.17	5.62
ENSG0000(GALNT2	protein_co chr1	2.3E+08	2.3E+08 +	125.22	114.57
ENSG0000(TTC13	protein_co chr1	2.31E+08	2.31E+08 -	5.36	3.93
ENSG0000(SCCPDH	protein_co chr1	2.47E+08	2.47E+08 +	14.11	14.93
ENSG0000(LYST	protein_co chr1	2.36E+08	2.36E+08 -	5.59	5.35
ENSG0000(MAP3K21	protein_co chr1	2.33E+08	2.33E+08 +	0.12	0.03
ENSG0000(CEP170	protein_co chr1	2.43E+08	2.43E+08 -	35.41	35
ENSG0000(ACP1	protein_co chr2	264140	278283 +	37.79	41.47
ENSG0000(SNAP47	protein_co chr1	2.28E+08	2.28E+08 +	15.44	16.31
ENSG0000(SRP9	protein_co chr1	2.26E+08	2.26E+08 +	70.93	73.96
ENSG0000(NVL	protein_co chr1	2.24E+08	2.24E+08 -	4.31	5.1

ENSG0000(SDE2	protein_co chr1	2.26E+08	2.26E+08 -	3.16	2.61
ENSG0000(DEGS1	protein_co chr1	2.24E+08	2.24E+08 +	31.66	34.35
ENSG0000(FBXO28	protein_co chr1	2.24E+08	2.24E+08 +	8.11	7.37
ENSG0000(ARF1	protein_co chr1	2.28E+08	2.28E+08 +	163.28	159.54
ENSG0000(LEFTY2	protein_co chr1	2.26E+08	2.26E+08 -	0.08	0.31
ENSG0000(CNIH4	protein_co chr1	2.24E+08	2.24E+08 +	27.78	31.41
ENSG0000(ITPKB	protein_co chr1	2.27E+08	2.27E+08 -	7.82	6.88
ENSG0000(GUK1	protein_co chr1	2.28E+08	2.28E+08 +	150.81	147.66
ENSG0000(CDC42BPA	protein_co chr1	2.27E+08	2.27E+08 -	13	12.93
ENSG0000(CNIH3	protein_co chr1	2.24E+08	2.25E+08 +	8.45	10.11
ENSG0000(C1orf35	protein_co chr1	2.28E+08	2.28E+08 -	7.9	7.31
ENSG0000(MBOAT2	protein_co chr2	8852690	9003813 -	32.12	33.31
ENSG0000(PARP1	protein_co chr1	2.26E+08	2.26E+08 -	20.36	24.66
ENSG0000(PSEN2	protein_co chr1	2.27E+08	2.27E+08 +	8.65	7.54
ENSG0000(PYCR2	protein_co chr1	2.26E+08	2.26E+08 -	21.71	21.65
ENSG0000(LBR	protein_co chr1	2.25E+08	2.25E+08 -	7.81	6.06
ENSG0000(WNT9A	protein_co chr1	2.28E+08	2.28E+08 -	0.69	1.01
ENSG0000(EPHX1	protein_co chr1	2.26E+08	2.26E+08 +	64.97	67.12
ENSG0000(REN	protein_co chr1	2.04E+08	2.04E+08 -	0.08	0
ENSG0000(SOX13	protein_co chr1	2.04E+08	2.04E+08 +	7.87	8.25
ENSG0000(ETNK2	protein_co chr1	2.04E+08	2.04E+08 -	3.04	4.34
ENSG0000(PPFIA4	protein_co chr1	2.03E+08	2.03E+08 +	12.3	11.69
ENSG0000(PLEKHA6	protein_co chr1	2.04E+08	2.04E+08 -	1.26	1.83
ENSG0000(PTPN7	protein_co chr1	2.02E+08	2.02E+08 -	0	0
ENSG0000(SYT2	protein_co chr1	2.03E+08	2.03E+08 -	0.01	0
ENSG0000(ARL8A	protein_co chr1	2.02E+08	2.02E+08 -	25.71	20.3
ENSG0000(OSR1	protein_co chr2	19351485	19358653 -	7.06	5.35
ENSG0000(GDF7	protein_co chr2	20666664	20679245 +	0	0
ENSG0000(PDIA6	protein_co chr2	10783391	10837977 -	202.68	187.85
ENSG0000(RHOB	protein_co chr2	20447074	20449445 +	8.23	8.03
ENSG0000(ATP6V1C2	protein_co chr2	10721649	10785110 +	0.02	0.04
ENSG0000(HNRNPLL	protein_co chr2	38561978	38603586 -	12.82	14.45
ENSG0000(GALM	protein_co chr2	38665910	38741237 +	10.79	11.39
ENSG0000(CAMKMT	protein_co chr2	44361950	44772592 +	1.38	2.45
ENSG0000(ABCG8	protein_co chr2	43838964	43878466 +	0	0
ENSG0000(EML4	protein_co chr2	42169350	42332548 +	10.65	12.42
ENSG0000(CALM2	protein_co chr2	47160082	47176601 -	160.39	167.79
ENSG0000(CHAC2	protein_co chr2	53767792	53775196 +	0.4	0.34
ENSG0000(RPS27A	protein_co chr2	55231903	55235853 +	734.56	725.62
ENSG0000(WDPCP	protein_co chr2	63121383	63827843 -	4.27	2.9
ENSG0000(VPS54	protein_co chr2	63892146	64019072 -	6.78	7.34
ENSG0000(REG3G	protein_co chr2	79025686	79028505 +	0	0
ENSG0000(ASXL2	protein_co chr2	25733753	25878516 -	7.47	7.01
ENSG0000(ETAA1	protein_co chr2	67397319	67410545 +	5.54	6.22
ENSG0000(SNRPG	protein_co chr2	70281362	70293771 -	42.43	36.34

ENSG0000(ABHD1	protein_co chr2	27123789	27130812 +	0.04	0.06
ENSG0000(MEIS1	protein_co chr2	66433452	66573869 +	22.23	17.51
ENSG0000(TRIM43B	protein_co chr2	95476967	95484731 -	0	0
ENSG0000(TRIM43	protein_co chr2	95592018	95599778 +	0	0
ENSG0000(CIAO1	protein_co chr2	96266132	96273349 +	28.92	28.33
ENSG0000(ZNF514	protein_co chr2	95147330	95165413 -	4.47	6.23
ENSG0000(SNRNP200	protein_co chr2	96274336	96305515 -	38.58	35.41
ENSG0000(MRPS5	protein_co chr2	95087207	95149434 -	18.08	18.26
ENSG0000(ANKRD53	protein_co chr2	70978380	70985499 +	0.71	1.38
ENSG0000(TPRKB	protein_co chr2	73729104	73737400 -	11.31	8.61
ENSG0000(NAT8	protein_co chr2	73640832	73642393 -	0	0
ENSG0000(EXOC6B	protein_co chr2	72175984	72826041 -	13.97	16.58
ENSG0000(SFXN5	protein_co chr2	72942036	73075619 -	5.24	5.14
ENSG0000(TEX261	protein_co chr2	70985938	70994945 -	37.53	42.19
ENSG0000(DQX1	protein_co chr2	74518131	74526336 -	0	0
ENSG0000(DUSP11	protein_co chr2	73762184	73780157 -	10	8.59
ENSG0000(ST6GAL2	protein_co chr2	1.07E+08	1.07E+08 -	0.01	0
ENSG0000(NPHP1	protein_co chr2	1.1E+08	1.1E+08 -	3.42	3.09
ENSG0000(MALL	protein_co chr2	1.1E+08	1.1E+08 -	1.63	1.34
ENSG0000(THNSL2	protein_co chr2	88170295	88186636 +	1.02	0.94
ENSG0000(RALB	protein_co chr2	1.2E+08	1.2E+08 +	22.29	19.02
ENSG0000(C1QL2	protein_co chr2	1.19E+08	1.19E+08 -	0	0
ENSG0000(TMEM177	protein_co chr2	1.2E+08	1.2E+08 +	3.47	3.67
ENSG0000(NT5DC4	protein_co chr2	1.13E+08	1.13E+08 +	0	0
ENSG0000(RABL2A	protein_co chr2	1.14E+08	1.14E+08 +	10.82	10.98
ENSG0000(SLC20A1	protein_co chr2	1.13E+08	1.13E+08 +	40.98	42.82
ENSG0000(FBLN7	protein_co chr2	1.12E+08	1.12E+08 +	15.9	16.51
ENSG0000(RP11-395L	processed_chr2	1.14E+08	1.14E+08 +	0	0
ENSG0000(ZC3H8	protein_co chr2	1.12E+08	1.12E+08 -	8.19	6.98
ENSG0000(LIPT1	protein_co chr2	99154955	99163157 +	3.24	3.7
ENSG0000(TRIM43CP	unprocessε chr2	97025981	97031636 -	0	0
ENSG0000(CNGA3	protein_co chr2	98346155	98398601 +	0.06	0
ENSG0000(FAHD2B	protein_co chr2	97083583	97094882 -	4.27	4.13
ENSG0000(LYG1	protein_co chr2	99284238	99304742 -	0.31	0.79
ENSG0000(AFF3	protein_co chr2	99545419	1E+08 -	0	0.01
ENSG0000(UBXN4	protein_co chr2	1.36E+08	1.36E+08 +	32.68	32.94
ENSG0000(NXPH2	protein_co chr2	1.39E+08	1.39E+08 -	0.06	0
ENSG0000(SPOPL	protein_co chr2	1.39E+08	1.39E+08 +	7.88	9.86
ENSG0000(THSD7B	protein_co chr2	1.37E+08	1.38E+08 +	0	0
ENSG0000(GPR17	protein_co chr2	1.28E+08	1.28E+08 +	0	0
ENSG0000(POLR2D	protein_co chr2	1.28E+08	1.28E+08 -	7.72	7.2
ENSG0000(AMMECR1	protein_co chr2	1.28E+08	1.28E+08 -	6.72	6.52
ENSG0000(GALNT13	protein_co chr2	1.54E+08	1.54E+08 +	0	0
ENSG0000(PKP4	protein_co chr2	1.58E+08	1.59E+08 +	9.21	8.1
ENSG0000(SCN1A	protein_co chr2	1.66E+08	1.66E+08 -	0.13	0.31

ENSG0000(SLC4A10)	protein_co chr2	1.61E+08	1.62E+08 +	0	0
ENSG0000(SCRN3)	protein_co chr2	1.74E+08	1.74E+08 +	13.65	15.99
ENSG0000(LNPK)	protein_co chr2	1.76E+08	1.76E+08 -	14.2	16.62
ENSG0000(ZNF385B)	protein_co chr2	1.79E+08	1.8E+08 -	0.06	0.16
ENSG0000(TMEFF2)	protein_co chr2	1.92E+08	1.92E+08 -	0.31	0.44
ENSG0000(CDCA7)	protein_co chr2	1.73E+08	1.73E+08 +	0.04	0.06
ENSG0000(DLX1)	protein_co chr2	1.72E+08	1.72E+08 +	1.7	1.16
ENSG0000(UBR3)	protein_co chr2	1.7E+08	1.7E+08 +	7.13	7.28
ENSG0000(PHOSPHO2)	protein_co chr2	1.7E+08	1.7E+08 +	2.08	2.35
ENSG0000(GULP1)	protein_co chr2	1.88E+08	1.89E+08 +	10.11	11.42
ENSG0000(FAM171B)	protein_co chr2	1.87E+08	1.87E+08 +	3.33	3.57
ENSG0000(HSPD1)	protein_co chr2	1.97E+08	1.98E+08 -	56.56	54.99
ENSG0000(CCDC150)	protein_co chr2	1.97E+08	1.97E+08 +	0.59	0.38
ENSG0000(METTL21A)	protein_co chr2	2.08E+08	2.08E+08 -	5.24	6.34
ENSG0000(UNC80)	protein_co chr2	2.1E+08	2.1E+08 +	0.56	0.4
ENSG0000(PTH2R)	protein_co chr2	2.08E+08	2.09E+08 +	0	0
ENSG0000(CPO)	protein_co chr2	2.07E+08	2.07E+08 +	0	0.05
ENSG0000(NBEAL1)	protein_co chr2	2.03E+08	2.03E+08 +	4.66	4.96
ENSG0000(KANSL1L)	protein_co chr2	2.1E+08	2.1E+08 -	5.27	5.51
ENSG0000(SPAG16)	protein_co chr2	2.13E+08	2.14E+08 +	9.99	13.31
ENSG0000(ABCA12)	protein_co chr2	2.15E+08	2.15E+08 -	0.13	0.16
ENSG0000(SUMF1)	protein_co chr3	3700814	4467281 -	41.24	42.99
ENSG0000(NYAP2)	protein_co chr2	2.25E+08	2.26E+08 +	0	0
ENSG0000(RHBDD1)	protein_co chr2	2.27E+08	2.27E+08 +	6.41	8.72
ENSG0000(ACKR3)	protein_co chr2	2.37E+08	2.37E+08 +	0.45	0.71
ENSG0000(TRPM8)	protein_co chr2	2.34E+08	2.34E+08 +	0	0
ENSG0000(HES6)	protein_co chr2	2.38E+08	2.38E+08 -	0.68	1.61
ENSG0000(ESPNL)	protein_co chr2	2.38E+08	2.38E+08 +	0.43	0.29
ENSG0000(ANKMY1)	protein_co chr2	2.4E+08	2.41E+08 -	3.22	3.44
ENSG0000(COPS7B)	protein_co chr2	2.32E+08	2.32E+08 +	13.65	15.47
ENSG0000(DIS3L2)	protein_co chr2	2.32E+08	2.32E+08 +	4.34	5.61
ENSG0000(CPNE9)	protein_co chr3	9703807	9729908 +	0	0.03
ENSG0000(FANCD2)	protein_co chr3	10026414	10101930 +	1.57	0.71
ENSG0000(TAMM41)	protein_co chr3	11790442	11846919 -	5.18	4.58
ENSG0000(VGLL4)	protein_co chr3	11556070	11771350 -	19.32	18.31
ENSG0000(RAB5A)	protein_co chr3	19947079	19985175 +	20.45	21.58
ENSG0000(FAM134A)	protein_co chr2	2.19E+08	2.19E+08 +	55.15	46.81
ENSG0000(CTDSP1)	protein_co chr2	2.18E+08	2.18E+08 +	60.05	56.41
ENSG0000(CNOT9)	protein_co chr2	2.19E+08	2.19E+08 +	9.72	11.09
ENSG0000(4-Mar)	protein_co chr2	2.16E+08	2.16E+08 -	2.7	2.63
ENSG0000(STK11IP)	protein_co chr2	2.2E+08	2.2E+08 +	8.02	6.98
ENSG0000(GMPPA)	protein_co chr2	2.19E+08	2.2E+08 +	21.38	19.17
ENSG0000(GRIP2)	protein_co chr3	14489111	14556075 -	0.65	0.17
ENSG0000(EAF1)	protein_co chr3	15427355	15450635 +	8.11	7.05
ENSG0000(CNTN4)	protein_co chr3	2098813	3057956 +	0.03	0.01

ENSG0000(DYNC1L1)	protein_co chr3	32525971	32570874	-	12.13	13.23
ENSG0000(RBMS3)	protein_co chr3	28574791	30010391	+	7.85	8.02
ENSG0000(GADL1)	protein_co chr3	30726200	30894765	-	0.09	0.18
ENSG0000(OSBPL10)	protein_co chr3	31657890	32077580	-	6.6	6.65
ENSG0000(POMGNT2)	protein_co chr3	43079232	43106076	-	2.62	3.36
ENSG0000(ACKR2)	protein_co chr3	42804752	42887974	+	0.25	0.06
ENSG0000(FAM198A)	protein_co chr3	42979267	43060211	+	0.03	0.09
ENSG0000(CSRNP1)	protein_co chr3	39141855	39154562	-	1.9	2.08
ENSG0000(SLC25A38)	protein_co chr3	39383348	39397351	+	13.16	12.12
ENSG0000(ITGA9)	protein_co chr3	37452115	37823514	+	0	0.03
ENSG0000(SLC22A14)	protein_co chr3	38282294	38318575	+	0.14	0.2
ENSG0000(GOLGA4)	protein_co chr3	37243177	37366751	+	16.34	15.42
ENSG0000(CTDSPL)	protein_co chr3	37861960	37984469	+	12.35	11.32
ENSG0000(STAC)	protein_co chr3	36380344	36548007	+	5.32	5.75
ENSG0000(IQSEC1)	protein_co chr3	12897220	13073117	-	7.93	8.32
ENSG0000(CAND2)	protein_co chr3	12796472	12871916	+	0.17	0.32
ENSG0000(RPL32)	protein_co chr3	12834485	12841588	-	879.14	911.44
ENSG0000(PTPRG)	protein_co chr3	61561569	62297613	+	9.2	8.6
ENSG0000(IL17RD)	protein_co chr3	57089982	57170306	-	3.01	4.63
ENSG0000(SHQ1)	protein_co chr3	72749277	72861914	-	6.85	9.44
ENSG0000(SLC25A26)	protein_co chr3	66133610	66388116	+	8.56	9.7
ENSG0000(UBA3)	protein_co chr3	69054730	69080408	-	24.27	24.88
ENSG0000(ARL6IP5)	protein_co chr3	69084944	69106066	+	67.55	72.04
ENSG0000(TMF1)	protein_co chr3	69019827	69052303	-	11.6	13.98
ENSG0000(LRIG1)	protein_co chr3	66378797	66501263	-	5.53	5.29
ENSG0000(LRTM1)	protein_co chr3	54918237	54967088	-	0	0
ENSG0000(RP11-977G)	protein_co chr12	56285916	56316059	-	3.42	0
ENSG0000(LIMD1)	protein_co chr3	45555394	45686338	+	8.82	7.44
ENSG0000(ZNF660)	protein_co chr3	44578223	44599694	+	0.15	0.16
ENSG0000(NFKBIZ)	protein_co chr3	1.02E+08	1.02E+08	+	53.94	41.91
ENSG0000(COL8A1)	protein_co chr3	99638475	99799226	+	49.41	49.16
ENSG0000(NXPE3)	protein_co chr3	1.02E+08	1.02E+08	+	7.82	8.3
ENSG0000(ADGRG7)	protein_co chr3	1.01E+08	1.01E+08	+	0.02	0
ENSG0000(MYH15)	protein_co chr3	1.08E+08	1.09E+08	-	0.74	0.79
ENSG0000(PHLDB2)	protein_co chr3	1.12E+08	1.12E+08	+	21.12	20.02
ENSG0000(ABHD10)	protein_co chr3	1.12E+08	1.12E+08	+	10.43	10.08
ENSG0000(TAGLN3)	protein_co chr3	1.12E+08	1.12E+08	+	0	0.14
ENSG0000(PLA1A)	protein_co chr3	1.2E+08	1.2E+08	+	0.82	0.59
ENSG0000(RABL3)	protein_co chr3	1.21E+08	1.21E+08	-	8.8	7.5
ENSG0000(ADPRH)	protein_co chr3	1.2E+08	1.2E+08	+	1.28	1.33
ENSG0000(IGSF11)	protein_co chr3	1.19E+08	1.19E+08	-	0.02	0
ENSG0000(ATG3)	protein_co chr3	1.13E+08	1.13E+08	-	35.21	32.98
ENSG0000(NR1I2)	protein_co chr3	1.2E+08	1.2E+08	+	0.02	0
ENSG0000(BOC)	protein_co chr3	1.13E+08	1.13E+08	+	1.22	1.34
ENSG0000(SRPRB)	protein_co chr3	1.34E+08	1.34E+08	+	17.83	15.37

ENSG0000(TMEM108	protein_co chr3	1.33E+08	1.33E+08 +	0.01	0
ENSG0000(AGTR1	protein_co chr3	1.49E+08	1.49E+08 +	0.16	0.5
ENSG0000(MED12L	protein_co chr3	1.51E+08	1.51E+08 +	0.24	0.04
ENSG0000(EIF2A	protein_co chr3	1.51E+08	1.51E+08 +	34.14	33.13
ENSG0000(ALDH1L1	protein_co chr3	1.26E+08	1.26E+08 -	0	0.02
ENSG0000(OSBPL11	protein_co chr3	1.26E+08	1.26E+08 -	2.81	2.8
ENSG0000(TRPC1	protein_co chr3	1.43E+08	1.43E+08 +	5.5	4.57
ENSG0000(NCEH1	protein_co chr3	1.73E+08	1.73E+08 -	3.22	2.81
ENSG0000(SPATA16	protein_co chr3	1.73E+08	1.73E+08 -	0	0
ENSG0000(FAM86B2	protein_co chr8	12425614	12436343 -	0.32	0.84
ENSG0000(LPP	protein_co chr3	1.88E+08	1.89E+08 +	12.25	8.71
ENSG0000(TMEM44	protein_co chr3	1.95E+08	1.95E+08 -	20.48	22.84
ENSG0000(RUBCN	protein_co chr3	1.98E+08	1.98E+08 -	5.7	4.94
ENSG0000(AMT	protein_co chr3	49416775	49422753 -	1.94	2.5
ENSG0000(TCTA	protein_co chr3	49412206	49416475 +	14.68	14.17
ENSG0000(NICN1	protein_co chr3	49422946	49429326 -	6.03	7.35
ENSG0000(UCN2	protein_co chr3	48561727	48563773 -	0.57	0.7
ENSG0000(DCAF1	protein_co chr3	51395867	51500002 -	5.37	5.35
ENSG0000(MANF	protein_co chr3	51385047	51389397 +	50.89	50.38
ENSG0000(AC062028.	lincRNA chr2	11105317	11132821 -	0	0
ENSG0000(CCDC39	protein_co chr3	1.81E+08	1.81E+08 -	1.02	0.68
ENSG0000(STXBP5L	protein_co chr3	1.21E+08	1.21E+08 +	0.04	0
ENSG0000(EAF2	protein_co chr3	1.22E+08	1.22E+08 +	0.53	0.42
ENSG0000(ILDR1	protein_co chr3	1.22E+08	1.22E+08 -	0	0
ENSG0000(TM4SF19	protein_co chr3	1.96E+08	1.96E+08 -	0.07	0.08
ENSG0000(MUC4	protein_co chr3	1.96E+08	1.96E+08 -	0	0
ENSG0000(SLIT2	protein_co chr4	20253260	20620561 +	26.5	24.15
ENSG0000(EIF2B5	protein_co chr3	1.84E+08	1.84E+08 +	12.79	12.77
ENSG0000(AHSG	protein_co chr3	1.87E+08	1.87E+08 +	0	0.04
ENSG0000(ECE2	protein_co chr3	1.84E+08	1.84E+08 +	0.86	1.32
ENSG0000(VWA5B2	protein_co chr3	1.84E+08	1.84E+08 +	0.08	0
ENSG0000(DGKQ	protein_co chr4	958887	986895 -	5.38	5.43
ENSG0000(FIP1L1	protein_co chr4	53377643	53460861 +	24.38	21.46
ENSG0000(SLC26A1	protein_co chr4	979073	993440 -	0.2	0.34
ENSG0000(LYAR	protein_co chr4	4267701	4290169 -	2.11	2.88
ENSG0000(CENPC	protein_co chr4	67468748	67545606 -	4.99	4.5
ENSG0000(EPHA5	protein_co chr4	65319563	65670495 -	8.15	11.23
ENSG0000(CORIN	protein_co chr4	47593998	47838106 -	0.05	0.08
ENSG0000(ATP10D	protein_co chr4	47485288	47593486 +	12.34	12.77
ENSG0000(OCIAD2	protein_co chr4	48885019	48906937 -	13	7.74
ENSG0000(SLC10A4	protein_co chr4	48483343	48489196 +	0	0.03
ENSG0000(SLC10A6	protein_co chr4	86823468	86849263 -	0	0
ENSG0000(SCD5	protein_co chr4	82629539	82798857 -	17.43	18.34
ENSG0000(PLAC8	protein_co chr4	83090048	83137075 -	0.35	0.31
ENSG0000(ENOPH1	protein_co chr4	82430562	82461091 +	13.98	14.43

ENSG0000(CABS1	protein_co chr4	70334966	70337116	+	0	0
ENSG0000(GC	protein_co chr4	71741693	71804041	-	0	0
ENSG0000(TRMT10A	protein_co chr4	99546709	99564032	-	1.65	1.7
ENSG0000(KLHL8	protein_co chr4	87160103	87240314	-	3	4.03
ENSG0000(SNCA	protein_co chr4	89724099	89838315	-	0	0
ENSG0000(PYURF	protein_co chr4	88520985	88523813	-	23.95	26.08
ENSG0000(TBCK	protein_co chr4	1.06E+08	1.06E+08	-	9.42	9.95
ENSG0000(CAMK2D	protein_co chr4	1.13E+08	1.14E+08	-	40.83	38.8
ENSG0000(CISD2	protein_co chr4	1.03E+08	1.03E+08	+	7.52	9.09
ENSG0000(DDIT4L	protein_co chr4	1E+08	1E+08	-	12.51	10.07
ENSG0000(ANK2	protein_co chr4	1.13E+08	1.13E+08	+	4.35	3.9
ENSG0000(TIFA	protein_co chr4	1.12E+08	1.12E+08	-	3.6	3.58
ENSG0000(SPATA5	protein_co chr4	1.23E+08	1.23E+08	+	0.68	0.68
ENSG0000(FABP2	protein_co chr4	1.19E+08	1.19E+08	-	0	0
ENSG0000(CCNA2	protein_co chr4	1.22E+08	1.22E+08	-	0.62	0.88
ENSG0000(METTL14	protein_co chr4	1.19E+08	1.19E+08	+	16.76	11.32
ENSG0000(USP53	protein_co chr4	1.19E+08	1.19E+08	+	16.7	13.29
ENSG0000(SETD7	protein_co chr4	1.39E+08	1.4E+08	-	17.27	16.27
ENSG0000(NAF1	protein_co chr4	1.63E+08	1.63E+08	-	4.25	3.31
ENSG0000(1-Mar	protein_co chr4	1.64E+08	1.64E+08	-	0	0
ENSG0000(SFRP2	protein_co chr4	1.54E+08	1.54E+08	-	0.03	0
ENSG0000(RPS3A	protein_co chr4	1.51E+08	1.51E+08	+	810.73	805.31
ENSG0000(RNF175	protein_co chr4	1.54E+08	1.54E+08	-	0	0
ENSG0000(PDGFC	protein_co chr4	1.57E+08	1.57E+08	-	13.59	14.6
ENSG0000(CBR4	protein_co chr4	1.69E+08	1.69E+08	-	4.24	4.29
ENSG0000(GLRA3	protein_co chr4	1.75E+08	1.75E+08	-	0	0
ENSG0000(CYP4V2	protein_co chr4	1.86E+08	1.86E+08	+	10.42	11.68
ENSG0000(ROPN1L	protein_co chr5	10441524	10472029	+	0.11	0.12
ENSG0000(NDUFS6	protein_co chr5	1801400	1816605	+	20.62	23.28
ENSG0000(6-Mar	protein_co chr5	10353703	10440388	+	40.41	42.13
ENSG0000(NKD2	protein_co chr5	1008829	1038943	+	1.97	1.98
ENSG0000(CDH18	protein_co chr5	19472951	20575873	-	0.53	0.4
ENSG0000(ADAMTS16	protein_co chr5	5140330	5320304	+	0.21	0.4
ENSG0000(SRD5A1	protein_co chr5	6633343	6674386	+	4.46	4.18
ENSG0000(MYO10	protein_co chr5	16661914	16936276	-	22.94	22.72
ENSG0000(FAM105A	protein_co chr5	14581775	14615007	+	0.01	0
ENSG0000(RPL37	protein_co chr5	40825262	40835335	-	1247.69	1233.9
ENSG0000(SKP2	protein_co chr5	36151989	36184319	+	5.96	7.03
ENSG0000(OSMR	protein_co chr5	38845858	38945596	+	72.13	62.92
ENSG0000(UGT3A1	protein_co chr5	35951010	36001028	-	0	0
ENSG0000(PLK2	protein_co chr5	58453982	58460260	-	239.64	260.5
ENSG0000(FAM159B	protein_co chr5	64690308	64718090	+	0	0
ENSG0000(GZMA	protein_co chr5	55102648	55110252	+	0	0
ENSG0000(PIK3R1	protein_co chr5	68215720	68301821	+	10.97	12.78
ENSG0000(HAPLN1	protein_co chr5	83637805	83721613	-	0.12	0.15

ENSG0000(LHFPL2	protein_co chr5	78485215	78770021 -	25.85	28.55
ENSG0000(SSBP2	protein_co chr5	81413021	81751797 -	26.67	23.75
ENSG0000(BHMT	protein_co chr5	79111779	79132290 +	0	0
ENSG0000(ANKRD31	protein_co chr5	75068275	75236878 -	0.03	0
ENSG0000(IQGAP2	protein_co chr5	76403249	76708132 +	0	0.3
ENSG0000(CRHBP	protein_co chr5	76952713	76981158 +	0.67	0.18
ENSG0000(RASA1	protein_co chr5	87267888	87391931 +	12.62	13.23
ENSG0000(LIX1	protein_co chr5	97091867	97142872 -	0	0
ENSG0000(GIN1	protein_co chr5	1.03E+08	1.03E+08 -	1.65	2.38
ENSG0000(PIIP5K2	protein_co chr5	1.03E+08	1.03E+08 +	15.81	16.8
ENSG0000(PAM	protein_co chr5	1.03E+08	1.03E+08 +	319.71	297.52
ENSG0000(BDP1	protein_co chr5	71455615	71567820 +	3.76	4.23
ENSG0000(GTF2H2	protein_co chr5	71032670	71067689 -	3.26	4.12
ENSG0000(SLC30A5	protein_co chr5	69093646	69131069 +	20.33	21.4
ENSG0000(BTF3	protein_co chr5	73498408	73505635 +	297.86	299.53
ENSG0000(FBXL17	protein_co chr5	1.08E+08	1.08E+08 -	8.88	10.3
ENSG0000(SPATA9	protein_co chr5	95652181	95698711 -	0.11	0.3
ENSG0000(TSLP	protein_co chr5	1.11E+08	1.11E+08 +	4.19	2.73
ENSG0000(TNFAIP8	protein_co chr5	1.19E+08	1.19E+08 +	11.09	11.15
ENSG0000(FEM1C	protein_co chr5	1.16E+08	1.16E+08 -	6.09	5.79
ENSG0000(COMMD10	protein_co chr5	1.16E+08	1.16E+08 +	8.45	7.58
ENSG0000(ATG12	protein_co chr5	1.16E+08	1.16E+08 -	32.62	25.39
ENSG0000(MEGF10	protein_co chr5	1.27E+08	1.27E+08 +	0.13	0.62
ENSG0000(ADAMTS15	protein_co chr5	1.29E+08	1.3E+08 +	0	0
ENSG0000(YIPF5	protein_co chr5	1.44E+08	1.44E+08 -	40.11	44.28
ENSG0000(ARHGAP26	protein_co chr5	1.43E+08	1.43E+08 +	2.71	3.68
ENSG0000(CXCL14	protein_co chr5	1.36E+08	1.36E+08 -	0.19	0
ENSG0000(LECT2	protein_co chr5	1.36E+08	1.36E+08 -	0	0
ENSG0000(SLC25A48	protein_co chr5	1.36E+08	1.36E+08 +	0	0
ENSG0000(DDX46	protein_co chr5	1.35E+08	1.35E+08 +	17.03	14.25
ENSG0000(CDKN2AIP1	processed_chr2	26827169	26827520 -	0	0
ENSG0000(IL9	protein_co chr5	1.36E+08	1.36E+08 -	0	0
ENSG0000(TIMD4	protein_co chr5	1.57E+08	1.57E+08 -	0	0
ENSG0000(RNF145	protein_co chr5	1.59E+08	1.59E+08 -	21.9	21.8
ENSG0000(C1QTNF2	protein_co chr5	1.6E+08	1.6E+08 -	0.14	0.38
ENSG0000(GABRA6	protein_co chr5	1.62E+08	1.62E+08 +	0	0
ENSG0000(GABRB2	protein_co chr5	1.61E+08	1.62E+08 -	0	0
ENSG0000(FBXO38	protein_co chr5	1.48E+08	1.48E+08 +	14.09	15.33
ENSG0000(SPINK7	protein_co chr5	1.48E+08	1.48E+08 +	0	0
ENSG0000(PCYOX1L	protein_co chr5	1.49E+08	1.49E+08 +	5.79	6.42
ENSG0000(GLRA1	protein_co chr5	1.52E+08	1.52E+08 -	0.03	0
ENSG0000(TNIP1	protein_co chr5	1.51E+08	1.51E+08 -	56.11	50.99
ENSG0000(G3BP1	protein_co chr5	1.52E+08	1.52E+08 +	34.8	32.95
ENSG0000(ZNF300	protein_co chr5	1.51E+08	1.51E+08 -	3.02	3.3
ENSG0000(N4BP3	protein_co chr5	1.78E+08	1.78E+08 +	0.26	0.39

ENSG0000(NHP2	protein_co chr5	1.78E+08	1.78E+08 -	38.2	39.84
ENSG0000(RMND5B	protein_co chr5	1.78E+08	1.78E+08 +	9.84	12.03
ENSG0000(BOD1	protein_co chr5	1.74E+08	1.74E+08 -	37.43	38.47
ENSG0000(CPLX2	protein_co chr5	1.76E+08	1.76E+08 +	0	0
ENSG0000(TENM2	protein_co chr5	1.67E+08	1.68E+08 +	1.36	1.35
ENSG0000(KCNMB1	protein_co chr5	1.7E+08	1.7E+08 -	0.05	0.11
ENSG0000(FAM50B	protein_co chr6	3849386	3851317 +	2.89	3.33
ENSG0000(MYLK4	protein_co chr6	2663629	2750966 -	0.36	0.33
ENSG0000(FAM217A	protein_co chr6	4049434	4087344 -	0	0
ENSG0000(TBC1D7	protein_co chr6	13266542	13328583 -	12.92	11.93
ENSG0000(FARS2	protein_co chr6	5261044	5771580 +	4.86	5.24
ENSG0000(GFOD1	protein_co chr6	13357830	13487662 -	3.3	3.04
ENSG0000(CDKAL1	protein_co chr6	20534457	21232404 +	3	3.32
ENSG0000(PCDHB18P	transcribec chr5	1.41E+08	1.41E+08 +	0.21	0.18
ENSG0000(PSD2	protein_co chr5	1.4E+08	1.4E+08 +	0.01	0.01
ENSG0000(LRRTM2	protein_co chr5	1.39E+08	1.39E+08 -	0.03	0.16
ENSG0000(ZMAT2	protein_co chr5	1.41E+08	1.41E+08 +	38.07	37.44
ENSG0000(GFRA3	protein_co chr5	1.38E+08	1.38E+08 -	1.45	1.62
ENSG0000(KLHL3	protein_co chr5	1.38E+08	1.38E+08 -	0.27	0.37
ENSG0000(DCDC2	protein_co chr6	24171756	24358052 -	0.01	0.01
ENSG0000(SLC17A4	protein_co chr6	25754699	25781191 +	0	0
ENSG0000(HIST1H2BA	protein_co chr6	25726777	25727292 +	0	0
ENSG0000(KAAG1	protein_co chr6	24356903	24358284 +	0	0
ENSG0000(TRIM7	protein_co chr5	1.81E+08	1.81E+08 -	0.91	0.9
ENSG0000(TRIM41	protein_co chr5	1.81E+08	1.81E+08 +	13.57	10.15
ENSG0000(HIGD2A	protein_co chr5	1.76E+08	1.76E+08 +	78.39	76.6
ENSG0000(FAM193B	protein_co chr5	1.78E+08	1.78E+08 -	31.62	46.2
ENSG0000(PLA2G7	protein_co chr6	46704201	46735693 -	0.39	0.13
ENSG0000(TNFRSF21	protein_co chr6	47231532	47309905 -	107.54	117.3
ENSG0000(RNF44	protein_co chr5	1.77E+08	1.77E+08 -	10.24	11.14
ENSG0000(MUT	protein_co chr6	49430360	49463191 -	10.07	9.42
ENSG0000(RASGEF1C	protein_co chr5	1.8E+08	1.8E+08 -	0	0
ENSG0000(DOK3	protein_co chr5	1.78E+08	1.78E+08 -	1.95	2.8
ENSG0000(ABT1	protein_co chr6	26596952	26600744 +	4.78	4.59
ENSG0000(PPP1R18	protein_co chr6	30676389	30687895 -	51.51	54.16
ENSG0000(DAAM2	protein_co chr6	39792298	39904877 +	1.73	2.25
ENSG0000(PRIM2	protein_co chr6	57314805	57646849 +	2.41	2.63
ENSG0000(MLIP	protein_co chr6	53929982	54266280 +	0.02	0
ENSG0000(HMGCLL1	protein_co chr6	55434369	55579214 -	0	0
ENSG0000(LGSN	protein_co chr6	63275951	63319977 -	0	0
ENSG0000(FGD2	protein_co chr6	37005646	37029070 +	0.03	0.02
ENSG0000(SCUBE3	protein_co chr6	35214419	35253079 +	0.15	0.27
ENSG0000(ANO7	protein_co chr2	2.41E+08	2.41E+08 +	1.59	1.24
ENSG0000(CRIP3	protein_co chr6	43299710	43308797 -	0.08	0
ENSG0000(TTBK1	protein_co chr6	43243680	43288259 +	0	0

ENSG0000(TCTE1	protein_co chr6	44278743	44297688	-	0.02	0
ENSG0000(RPL7L1	protein_co chr6	42879618	42889925	+	30.62	29.62
ENSG0000(NFKBIE	protein_co chr6	44258166	44265788	-	2.55	3.52
ENSG0000(CYP39A1	protein_co chr6	46549580	46652830	-	0	0.03
ENSG0000(TPBG	protein_co chr6	82363206	82370828	+	33.98	34.53
ENSG0000(IRAK1BP1	protein_co chr6	78867472	78946440	+	0.96	1.07
ENSG0000(PHIP	protein_co chr6	78935867	79078236	-	4.79	4.55
ENSG0000(PRSS35	protein_co chr6	83512538	83525704	+	0.4	0.25
ENSG0000(MMS22L	protein_co chr6	97142161	97283217	-	1.46	2.06
ENSG0000(FAXC	protein_co chr6	99271169	99350062	-	0.38	0.29
ENSG0000(GABRR1	protein_co chr6	89177501	89231278	-	0	0
ENSG0000(PNRC1	protein_co chr6	89080751	89085160	+	52.59	56.42
ENSG0000(PM20D2	protein_co chr6	89146050	89165565	+	0.45	0.46
ENSG0000(RARS2	protein_co chr6	87514378	87590003	-	19.13	18.07
ENSG0000(SCML4	protein_co chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(TBC1D32	protein_co chr6	1.21E+08	1.21E+08	-	1.82	2.15
ENSG0000(CLVS2	protein_co chr6	1.23E+08	1.23E+08	+	0	0
ENSG0000(GPR6	protein_co chr6	1.1E+08	1.1E+08	+	0	0
ENSG0000(RNF217	protein_co chr6	1.25E+08	1.25E+08	+	5.96	6.81
ENSG0000(RSPO3	protein_co chr6	1.27E+08	1.27E+08	+	0.14	0.05
ENSG0000(ARHGAP18	protein_co chr6	1.3E+08	1.3E+08	-	7.95	7.56
ENSG0000(TAAR2	protein_co chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(TAAR6	protein_co chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(TAAR8	protein_co chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(ABRACL	protein_co chr6	1.39E+08	1.39E+08	+	19.97	20.54
ENSG0000(TAAR1	protein_co chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(SLC18B1	protein_co chr6	1.33E+08	1.33E+08	-	2.53	1.86
ENSG0000(MTFR2	protein_co chr6	1.36E+08	1.36E+08	-	0.3	0.33
ENSG0000(SLC2A12	protein_co chr6	1.34E+08	1.34E+08	-	2.5	3.08
ENSG0000(SHPRH	protein_co chr6	1.46E+08	1.46E+08	-	3.6	4.18
ENSG0000(AIG1	protein_co chr6	1.43E+08	1.43E+08	+	14.48	12.87
ENSG0000(DYNLT1	protein_co chr6	1.59E+08	1.59E+08	-	75.86	80.59
ENSG0000(TIAM2	protein_co chr6	1.55E+08	1.55E+08	+	1.36	1.8
ENSG0000(TMEM181	protein_co chr6	1.59E+08	1.59E+08	+	11.47	11.07
ENSG0000(PNLDC1	protein_co chr6	1.6E+08	1.6E+08	+	0	0
ENSG0000(WTAP	protein_co chr6	1.6E+08	1.6E+08	+	67.25	57.13
ENSG0000(ZMYM4	protein_co chr1	35268967	35422058	+	15.46	14.87
ENSG0000(VIP	protein_co chr6	1.53E+08	1.53E+08	+	0.32	0.28
ENSG0000(ARMT1	protein_co chr6	1.51E+08	1.51E+08	+	8.27	9.01
ENSG0000(SLC22A3	protein_co chr6	1.6E+08	1.6E+08	+	1.25	1.15
ENSG0000(LINC01558	lincRNA chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(VWDE	protein_co chr7	12330885	12403941	-	0	0
ENSG0000(GNA12	protein_co chr7	2728112	2844324	-	27.75	27.84
ENSG0000(C7orf50	protein_co chr7	996986	1138260	-	28.26	36.16
ENSG0000(SDK1	protein_co chr7	3301448	4269000	+	0.73	1.39

ENSG0000(WASH2P	transcribed chr2	1.14E+08	1.14E+08 +	9	7.69
ENSG0000(CCZ1B	protein_co chr7	6794134	6826770 -	4.53	6.14
ENSG0000(C7orf26	protein_co chr7	6590017	6608726 +	8.53	8.63
ENSG0000(RBAK	protein_co chr7	5045821	5069488 +	2.48	2.7
ENSG0000(CREB5	protein_co chr7	28299321	28825894 +	0.36	0.18
ENSG0000(FERD3L	protein_co chr7	19144782	19145421 -	0	0
ENSG0000(EGFR	protein_co chr7	55019021	55211628 +	29.54	27.84
ENSG0000(LINC00525	antisense chr7	47761476	47766772 +	0	0
ENSG0000(CDCA5	protein_co chr11	65066300	65084164 -	1.06	0.58
ENSG0000(IGFBP3	protein_co chr7	45912245	45921874 -	69.96	87.76
ENSG0000(PURB	protein_co chr7	44876293	44885361 -	4.78	4.87
ENSG0000(AC004453.	processed_chr7	44467897	44468304 +	0.17	0
ENSG0000(IGFBP1	protein_co chr7	45888357	45893668 +	0	0.08
ENSG0000(SSC4D	protein_co chr7	76389334	76409695 -	0.34	0.32
ENSG0000(MDH2	protein_co chr7	76048051	76067508 +	77.05	76.6
ENSG0000(POMZP3	protein_co chr7	76609986	76627261 -	3.86	4.04
ENSG0000(AC006014.	transcribed chr7	75391955	75395434 -	0	0
ENSG0000(GBAS	protein_co chr7	55951793	56000181 +	17.61	26.07
ENSG0000(CCT6A	protein_co chr7	56051630	56063989 +	43.7	59.04
ENSG0000(PSPH	protein_co chr7	56011051	56051604 -	13.7	17.33
ENSG0000(TRIM50	protein_co chr7	73312539	73328082 -	0	0
ENSG0000(ZNF92	protein_co chr7	65373799	65401135 +	1.13	1.33
ENSG0000(ATXN7L1	protein_co chr7	1.06E+08	1.06E+08 -	3.08	2.55
ENSG0000(TMEM168	protein_co chr7	1.13E+08	1.13E+08 -	6.25	7.39
ENSG0000(ASB15	protein_co chr7	1.24E+08	1.24E+08 +	0	0
ENSG0000(C7orf43	protein_co chr7	1E+08	1E+08 -	5.3	6.33
ENSG0000(SLC12A9	protein_co chr7	1.01E+08	1.01E+08 +	10.06	10.68
ENSG0000(GIGYF1	protein_co chr7	1.01E+08	1.01E+08 -	11.43	13.62
ENSG0000(TRIM4	protein_co chr7	99876958	99919600 -	13.01	12.94
ENSG0000(MEPCF	protein_co chr7	1E+08	1E+08 +	21.03	20.72
ENSG0000(ZAN	protein_co chr7	1.01E+08	1.01E+08 +	0	0
ENSG0000(TMEM209	protein_co chr7	1.3E+08	1.3E+08 -	3.77	5.1
ENSG0000(AGBL3	protein_co chr7	1.35E+08	1.35E+08 +	0.54	0.53
ENSG0000(STRA8	protein_co chr7	1.35E+08	1.35E+08 +	0	0
ENSG0000(ZC3HAV1L	protein_co chr7	1.39E+08	1.39E+08 -	2.96	3.47
ENSG0000(TMEM140	protein_co chr7	1.35E+08	1.35E+08 +	6.7	5.99
ENSG0000(TLK2	protein_co chr17	62458658	62615481 +	17.23	10.78
ENSG0000(EPHA1	protein_co chr7	1.43E+08	1.43E+08 -	0	0.09
ENSG0000(NOM1	protein_co chr7	1.57E+08	1.57E+08 +	4.1	6.39
ENSG0000(CNPY1	protein_co chr7	1.55E+08	1.56E+08 -	0	0
ENSG0000(NCAPG2	protein_co chr7	1.59E+08	1.59E+08 -	3.87	3.89
ENSG0000(ASB10	protein_co chr7	1.51E+08	1.51E+08 -	0	0
ENSG0000(NLGN4X	protein_co chrX	5840637	6228863 -	0	0
ENSG0000(SHROOM2	protein_co chrX	9786456	9949443 +	0	0
ENSG0000(RAB19	protein_co chr7	1.4E+08	1.4E+08 +	0	0

ENSG0000(LUC7L2	protein_co chr7	1.39E+08	1.39E+08	+	17.44	15.77
ENSG0000(DENND2A	protein_co chr7	1.41E+08	1.41E+08	-	2.83	2.72
ENSG0000(TMEM27	protein_co chrX	15627318	15665031	-	0	0.04
ENSG0000(SH3KBP1	protein_co chrX	19533975	19887601	-	17.75	20.42
ENSG0000(TMEM47	protein_co chrX	34627064	34657288	-	22.31	22.9
ENSG0000(LANCL3	protein_co chrX	37571569	37684463	+	0.02	0.02
ENSG0000(SYTL5	protein_co chrX	38006582	38128819	+	0.11	0.06
ENSG0000(CASK	protein_co chrX	41514934	41923463	-	9.39	10.4
ENSG0000(KDM6A	protein_co chrX	44873177	45112602	+	4.01	4.02
ENSG0000(SPIN2A	protein_co chrX	57134530	57137625	-	0.3	0.32
ENSG0000(MSN	protein_co chrX	65588377	65741931	+	114.35	117.88
ENSG0000(AKAP4	protein_co chrX	50190768	50201013	-	0	0
ENSG0000(CCNB3	protein_co chrX	50202713	50351910	+	0.09	0.39
ENSG0000(HDAC8	protein_co chrX	72329516	72573103	-	9.61	9.73
ENSG0000(SLC16A2	protein_co chrX	74421461	74533917	+	52	48.8
ENSG0000(CXorf36	protein_co chrX	45148374	45200901	-	0.02	0.03
ENSG0000(ZNF157	protein_co chrX	47370583	47414305	+	0.14	0.05
ENSG0000(ZNF182	protein_co chrX	47974851	48003978	-	1.53	1.79
ENSG0000(CHST7	protein_co chrX	46573784	46598408	+	0.53	0.77
ENSG0000(KRBOX4	protein_co chrX	46446857	46497422	+	6.12	4.83
ENSG0000(NDUFB11	protein_co chrX	47142216	47145504	-	34.36	35
ENSG0000(ZNF41	protein_co chrX	47445879	47482946	-	2.27	3.1
ENSG0000(RAB41	protein_co chrX	70282093	70285002	+	0	0
ENSG0000(ZMYM3	protein_co chrX	71239624	71255146	-	13.51	13.64
ENSG0000(TAF1	protein_co chrX	71366239	71532374	+	8.45	7.49
ENSG0000(GPR174	protein_co chrX	79170972	79172229	+	0	0
ENSG0000(NONO	protein_co chrX	71283192	71301168	+	139.85	126.5
ENSG0000(CCDC120	protein_co chrX	49053572	49069857	+	1.63	1.56
ENSG0000(LPAR4	protein_co chrX	78747709	78757094	+	0	0.14
ENSG0000(EBP	protein_co chrX	48521158	48528716	+	24.22	23.59
ENSG0000(AWAT2	protein_co chrX	70040542	70049938	-	0	0
ENSG0000(OGT	protein_co chrX	71533083	71575897	+	84.93	95.46
ENSG0000(SNX12	protein_co chrX	71056332	71073426	-	33.1	32.43
ENSG0000(ITGB1BP2	protein_co chrX	71301734	71305371	+	0	0.05
ENSG0000(IL2RG	protein_co chrX	71107404	71112108	-	0	0
ENSG0000(GCNA	protein_co chrX	71578411	71613583	+	0.77	0.36
ENSG0000(ZNF711	protein_co chrX	85244032	85273362	+	0.02	0.02
ENSG0000(CPXCR1	protein_co chrX	88747225	88754785	+	0	0
ENSG0000(DIAPH2	protein_co chrX	96684663	97604997	+	5.11	4.08
ENSG0000(NXF3	protein_co chrX	1.03E+08	1.03E+08	-	0.23	0.17
ENSG0000(RIPPLY1	protein_co chrX	1.07E+08	1.07E+08	-	0	0
ENSG0000(PRPS1	protein_co chrX	1.08E+08	1.08E+08	+	11.56	15.54
ENSG0000(CXorf57	protein_co chrX	1.07E+08	1.07E+08	+	0.87	1.24
ENSG0000(FRMPD3	protein_co chrX	1.08E+08	1.08E+08	+	0.08	0.03
ENSG0000(HTR2C	protein_co chrX	1.15E+08	1.15E+08	+	0	0

ENSG0000(DOCK11	protein_co chrX	1.18E+08	1.19E+08 +	21.13	19.24
ENSG0000(IGSF1	protein_co chrX	1.31E+08	1.32E+08 -	0	0
ENSG0000(ARHGAP36	protein_co chrX	1.31E+08	1.31E+08 +	0	0
ENSG0000(GPC3	protein_co chrX	1.34E+08	1.34E+08 -	0.54	0.48
ENSG0000(GPR119	protein_co chrX	1.3E+08	1.3E+08 -	0	0
ENSG0000(RBMX	protein_co chrX	1.37E+08	1.37E+08 -	69.22	72.67
ENSG0000(MCPH1	protein_co chr8	6406592	6648504 +	6.92	4.87
ENSG0000(MFHAS1	protein_co chr8	8783354	8893645 -	3.61	5.59
ENSG0000(FBXO25	protein_co chr8	406428	477967 +	17.46	15.8
ENSG0000(FATE1	protein_co chrX	1.52E+08	1.52E+08 +	0	0
ENSG0000(MAGEA4	protein_co chrX	1.52E+08	1.52E+08 +	0	0
ENSG0000(NSDHL	protein_co chrX	1.53E+08	1.53E+08 +	11.72	10.81
ENSG0000(ZNF185	protein_co chrX	1.53E+08	1.53E+08 +	2.3	2.53
ENSG0000(CETN2	protein_co chrX	1.53E+08	1.53E+08 -	21.26	20.03
ENSG0000(RPL10	protein_co chrX	1.54E+08	1.54E+08 +	2320.39	2256.4
ENSG0000(CSGALNAC	protein_co chr8	19404161	19758029 -	3.41	2.28
ENSG0000(ATP6V1B2	protein_co chr8	20197367	20226819 +	50.55	43.78
ENSG0000(CCDC25	protein_co chr8	27733311	27772653 -	14.81	13.49
ENSG0000(HMBOX1	protein_co chr8	28890394	29064764 +	9.81	9.29
ENSG0000(CHRNB3	protein_co chr8	42697376	42737407 +	0	0
ENSG0000(CHRNA6	protein_co chr8	42752620	42796392 -	0	0
ENSG0000(GNRH1	protein_co chr8	25419260	25424654 -	1.77	1.03
ENSG0000(BIN3	protein_co chr8	22620418	22669148 -	20.64	19.13
ENSG0000(DOK2	protein_co chr8	21908873	21913860 -	0.03	0
ENSG0000(SLC25A37	protein_co chr8	23528805	23575463 +	14.87	15.13
ENSG0000(CHMP7	protein_co chr8	23243637	23262000 +	16.12	15.13
ENSG0000(DOCK5	protein_co chr8	25184723	25418082 +	6.16	6.41
ENSG0000(STAR	protein_co chr8	38143649	38151265 -	0.21	0.65
ENSG0000(PROSC	protein_co chr8	37762593	37779767 +	12.74	20.41
ENSG0000(ERLIN2	protein_co chr8	37736599	37759101 +	22.78	20.02
ENSG0000(SNTG1	protein_co chr8	49909789	50794118 +	0	0
ENSG0000(PXDNL	protein_co chr8	51319578	51809445 -	0.06	0
ENSG0000(ST18	protein_co chr8	52110839	52460959 -	0.09	0
ENSG0000(RGS20	protein_co chr8	53851808	53959303 +	3.38	2.36
ENSG0000(TACC1	protein_co chr8	38728186	38853028 +	14.14	18.96
ENSG0000(GOLGA7	protein_co chr8	41490396	41510980 +	39.75	39.27
ENSG0000(PLPP5	protein_co chr8	38263130	38269243 -	10.94	14.35
ENSG0000(GINS4	protein_co chr8	41529206	41545046 +	1.8	0.83
ENSG0000(NSD3	protein_co chr8	38269697	38382272 -	18.8	18.15
ENSG0000(DNAJC5B	protein_co chr8	66021560	66100526 +	0	0
ENSG0000(CRH	protein_co chr8	66176382	66178725 -	0	0
ENSG0000(TRIM55	protein_co chr8	66126896	66175487 +	0.03	0.14
ENSG0000(ADHFE1	protein_co chr8	66430185	66471601 +	2.64	2.41
ENSG0000(MRPS28	protein_co chr8	79918717	80030289 -	19.3	18.8
ENSG0000(PMP2	protein_co chr8	81440326	81447523 -	0	0

ENSG0000(LACTB2	protein_co chr8	70635318	70669174 -	9.69	9.03
ENSG0000(PRDM14	protein_co chr8	70051651	70071693 -	0	0
ENSG0000(TERF1	protein_co chr8	73008864	73048122 +	11.68	11.59
ENSG0000(RPL7	protein_co chr8	73290267	73295789 -	1082.69	1090.96
ENSG0000(SLC26A7	protein_co chr8	91209494	91398152 +	0.09	0.4
ENSG0000(PSKH2	protein_co chr8	86048373	86088621 -	0	0
ENSG0000(ATP6VOD2	protein_co chr8	85987323	86154228 +	0.07	0
ENSG0000(SYBU	protein_co chr8	1.1E+08	1.1E+08 -	0.71	0.42
ENSG0000(DPYS	protein_co chr8	1.04E+08	1.04E+08 -	0.05	0
ENSG0000(MTDH	protein_co chr8	97644179	97728770 +	42.79	50.51
ENSG0000(LRP12	protein_co chr8	1.04E+08	1.05E+08 -	15.88	13.05
ENSG0000(EBAG9	protein_co chr8	1.1E+08	1.1E+08 +	5.21	6.31
ENSG0000(RSPO2	protein_co chr8	1.08E+08	1.08E+08 -	0.15	0
ENSG0000(POLR2K	protein_co chr8	1E+08	1E+08 +	20.64	20.56
ENSG0000(MAL2	protein_co chr8	1.19E+08	1.19E+08 +	0	0
ENSG0000(EIF3H	protein_co chr8	1.17E+08	1.17E+08 -	146.39	160.13
ENSG0000(UTP23	protein_co chr8	1.17E+08	1.17E+08 +	7.24	8.39
ENSG0000(NDUFB9	protein_co chr8	1.25E+08	1.25E+08 +	83.23	74.59
ENSG0000(TATDN1	protein_co chr8	1.24E+08	1.25E+08 -	14.06	15.03
ENSG0000(FAM83A	protein_co chr8	1.23E+08	1.23E+08 +	0	0
ENSG0000(GSDMC	protein_co chr8	1.3E+08	1.3E+08 -	0.04	0.02
ENSG0000(FAM135B	protein_co chr8	1.38E+08	1.38E+08 -	0	0
ENSG0000(TTTY7	lincRNA chrY	6449468	6457906 +	0	0
ENSG0000(TTTY7B	lincRNA chrY	9706824	9715262 -	0	0
ENSG0000(ZNF7	protein_co chr8	1.45E+08	1.45E+08 +	10.65	11.31
ENSG0000(ARHGAP39	protein_co chr8	1.45E+08	1.45E+08 -	1.22	1.95
ENSG0000(SLC39A4	protein_co chr8	1.44E+08	1.44E+08 -	5.84	7
ENSG0000(NAPRT	protein_co chr8	1.44E+08	1.44E+08 -	19.03	23.85
ENSG0000(VLDLR	protein_co chr9	2621834	2660053 +	43.52	43.23
ENSG0000(AK3	protein_co chr9	4709559	4742043 -	41.23	47.04
ENSG0000(UHRF2	protein_co chr9	6413151	6507054 +	20.24	25.14
ENSG0000(NFIB	protein_co chr9	14081843	14398983 -	22.71	25.62
ENSG0000(CER1	protein_co chr9	14719724	14722717 -	0	0
ENSG0000(PLIN2	protein_co chr9	19108375	19149290 -	198.4	202.06
ENSG0000(IFNA5	protein_co chr9	21304326	21305312 -	0	0
ENSG0000(HAUS6	protein_co chr9	19053143	19103119 -	4.68	3.07
ENSG0000(CDKN2B	protein_co chr9	22002903	22009363 -	19.07	21.8
ENSG0000(IFNA16	protein_co chr9	21216373	21217311 -	0	0
ENSG0000(CDKN2A	protein_co chr9	21967753	21995301 -	67.82	75.44
ENSG0000(C9orf72	protein_co chr9	27546545	27573866 -	2.53	1.88
ENSG0000(IFNK	protein_co chr9	27524314	27526498 +	0	0
ENSG0000(ZCCHC7	protein_co chr9	37120539	37358149 +	9.74	9.05
ENSG0000(FBXO10	protein_co chr9	37510892	37576349 -	3.38	4
ENSG0000(SIGMAR1	protein_co chr9	34634722	34637809 -	44.61	47.53
ENSG0000(CBWD5	protein_co chr9	65668805	65734041 +	13.03	12.4

ENSG0000(CEP78	protein_co chr9	78236062	78279690 +	3.96	3.89
ENSG0000(NTRK2	protein_co chr9	84668551	85027070 +	0.01	0
ENSG0000(IDNK	protein_co chr9	83623049	83644130 +	3.01	3.01
ENSG0000(SHC3	protein_co chr9	89005771	89178767 -	5.89	4.31
ENSG0000(AUH	protein_co chr9	91213815	91361913 -	6.59	6.16
ENSG0000(MFSD14B	protein_co chr9	94374551	94461042 +	13.71	13.9
ENSG0000(C9orf3	protein_co chr9	94726701	95087218 +	32.99	37.12
ENSG0000(PLPPR1	protein_co chr9	1.01E+08	1.01E+08 +	0	0
ENSG0000(OR13C4	protein_co chr9	1.05E+08	1.05E+08 -	0	0
ENSG0000(ZNF462	protein_co chr9	1.07E+08	1.07E+08 +	1.85	2.38
ENSG0000(INIP	protein_co chr9	1.13E+08	1.13E+08 -	4.55	6.98
ENSG0000(UGCG	protein_co chr9	1.12E+08	1.12E+08 +	21.15	20.27
ENSG0000(ACTL7B	protein_co chr9	1.09E+08	1.09E+08 -	0	0
ENSG0000(SNX30	protein_co chr9	1.13E+08	1.13E+08 +	8.21	7.53
ENSG0000(STOM	protein_co chr9	1.21E+08	1.21E+08 -	118.62	116.52
ENSG0000(GSN	protein_co chr9	1.21E+08	1.21E+08 +	230.54	251.98
ENSG0000(MRRF	protein_co chr9	1.22E+08	1.22E+08 +	16.73	15.7
ENSG0000(NR6A1	protein_co chr9	1.25E+08	1.25E+08 -	0.13	0.22
ENSG0000(CRB2	protein_co chr9	1.23E+08	1.23E+08 +	0	0
ENSG0000(OR5C1	protein_co chr9	1.23E+08	1.23E+08 +	0	0
ENSG0000(ALAD	protein_co chr9	1.13E+08	1.13E+08 -	55.63	56.17
ENSG0000(ASTN2	protein_co chr9	1.16E+08	1.17E+08 -	3.63	3.84
ENSG0000(WDR31	protein_co chr9	1.13E+08	1.13E+08 -	2.25	2.07
ENSG0000(POLE3	protein_co chr9	1.13E+08	1.13E+08 -	12.45	12.08
ENSG0000(SURF4	protein_co chr9	1.33E+08	1.33E+08 -	91.4	84.83
ENSG0000(GBGT1	protein_co chr9	1.33E+08	1.33E+08 -	3.2	3.55
ENSG0000(SURF1	protein_co chr9	1.33E+08	1.33E+08 -	23.09	22.61
ENSG0000(SURF2	protein_co chr9	1.33E+08	1.33E+08 +	7.93	7.79
ENSG0000(SURF6	protein_co chr9	1.33E+08	1.33E+08 -	7.79	7.43
ENSG0000(MED22	protein_co chr9	1.33E+08	1.33E+08 -	11.85	12.57
ENSG0000(REXO4	protein_co chr9	1.33E+08	1.33E+08 -	12.29	12.48
ENSG0000(RPL7A	protein_co chr9	1.33E+08	1.33E+08 +	1383.99	1401.39
ENSG0000(GTF3C5	protein_co chr9	1.33E+08	1.33E+08 +	15.63	16.57
ENSG0000(ASB6	protein_co chr9	1.3E+08	1.3E+08 -	7.67	8.24
ENSG0000(PTGES2	protein_co chr9	1.28E+08	1.28E+08 -	27.75	24.87
ENSG0000(NTMT1	protein_co chr9	1.3E+08	1.3E+08 +	20	18.76
ENSG0000(CIZ1	protein_co chr9	1.28E+08	1.28E+08 -	37.64	42.39
ENSG0000(SLC25A25	protein_co chr9	1.28E+08	1.28E+08 +	3.41	4.04
ENSG0000(SH3GLB2	protein_co chr9	1.29E+08	1.29E+08 -	37.38	38.15
ENSG0000(MIGA2	protein_co chr9	1.29E+08	1.29E+08 +	6.54	9.31
ENSG0000(PTGES	protein_co chr9	1.3E+08	1.3E+08 -	24.54	24.35
ENSG0000(LCN2	protein_co chr9	1.28E+08	1.28E+08 +	0.39	0.21
ENSG0000(LRSAM1	protein_co chr9	1.27E+08	1.28E+08 +	5.74	5.29
ENSG0000(HMCN2	protein_co chr9	1.3E+08	1.3E+08 +	0.13	0.13
ENSG0000(GPR107	protein_co chr9	1.3E+08	1.3E+08 +	18.24	18.79

ENSG0000(C9orf142	protein_co chr9	1.37E+08	1.37E+08	+	14.08	14.74
ENSG0000(IDI2	protein_co chr10	1018907	1025859	-	0	0.05
ENSG0000(INPP5E	protein_co chr9	1.36E+08	1.36E+08	-	6.4	6.6
ENSG0000(LCN9	protein_co chr9	1.36E+08	1.36E+08	+	0	0
ENSG0000(SEC16A	protein_co chr9	1.36E+08	1.36E+08	-	14	14.51
ENSG0000(DPH7	protein_co chr9	1.38E+08	1.38E+08	-	11.18	12.89
ENSG0000(NOTCH1	protein_co chr9	1.36E+08	1.37E+08	-	2.72	3.07
ENSG0000(CACNA1B	protein_co chr9	1.38E+08	1.38E+08	+	0	0
ENSG0000(NACC2	protein_co chr9	1.36E+08	1.36E+08	-	9.23	10.21
ENSG0000(PROSER2	protein_co chr10	11823339	11872277	+	1.8	2.99
ENSG0000(USP6NL	protein_co chr10	11453946	11611754	-	4.95	5.02
ENSG0000(COMMD3	protein_co chr10	22315974	22320308	+	26.55	29.3
ENSG0000(MSRB2	protein_co chr10	23095506	23122013	+	12.98	15.15
ENSG0000(PDSS1	protein_co chr10	26697659	26746798	+	1.35	1.19
ENSG0000(FAM171A1	protein_co chr10	15211643	15371062	-	13.63	11.68
ENSG0000(MINDY3	protein_co chr10	15778170	15860520	-	12.42	10.68
ENSG0000(SLC39A12	protein_co chr10	17951839	18043292	+	0	0
ENSG0000(TMEM236	protein_co chr10	17752252	17800868	+	0.04	0.05
ENSG0000(RSU1	protein_co chr10	16590611	16817528	-	48.21	48.86
ENSG0000(ST8SIA6	protein_co chr10	17318383	17454330	-	0	0
ENSG0000(PARD3	protein_co chr10	34109560	34815325	-	21	22.16
ENSG0000(ANKRD30A	protein_co chr10	37125788	37384111	+	0	0
ENSG0000(ZEB1	protein_co chr10	31318495	31529814	+	28.32	26.93
ENSG0000(FAM13C	protein_co chr10	59246129	59363181	-	3	4.17
ENSG0000(NRBF2	protein_co chr10	63133247	63155031	+	20.39	20.75
ENSG0000(A1CF	protein_co chr10	50799409	50885675	-	0	0
ENSG0000(CDHR1	protein_co chr10	84194635	84219621	+	0.01	0
ENSG0000(LRIT1	protein_co chr10	84231593	84241461	-	0	0
ENSG0000(RGR	protein_co chr10	84245053	84259960	+	0	0
ENSG0000(POLR3A	protein_co chr10	77969251	78029545	-	4.26	4.22
ENSG0000(HERC4	protein_co chr10	67921899	68075348	-	13.94	15.32
ENSG0000(C10orf11	protein_co chr10	75431453	76560167	+	1.09	1.87
ENSG0000(CAMK2G	protein_co chr10	73812501	73874591	-	10.34	9.81
ENSG0000(ADIRF	protein_co chr10	86968192	86983934	+	6.47	4.54
ENSG0000(GLUD1	protein_co chr10	87050486	87094866	-	38.25	38.53
ENSG0000(ANKRD1	protein_co chr10	90912096	90921276	-	0.14	0.25
ENSG0000(HTR7	protein_co chr10	90740823	90857698	-	1.11	0.76
ENSG0000(RPP30	protein_co chr10	90871716	90908553	+	17.82	15.59
ENSG0000(FRA10AC1	protein_co chr10	93667883	93702572	-	3.41	3.68
ENSG0000(ADD3	protein_co chr10	1.1E+08	1.1E+08	+	139.66	151.87
ENSG0000(HABP2	protein_co chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(VAX1	protein_co chr10	1.17E+08	1.17E+08	-	0	0
ENSG0000(DNAJB12	protein_co chr10	72332830	72355230	-	15.96	15.48
ENSG0000(EIF4EBP2	protein_co chr10	70404379	70428618	+	20.09	19.06
ENSG0000(NPFFR1	protein_co chr10	70247329	70283676	-	0.01	0.05

ENSG0000(PLEKHS1	protein_co chr10	1.14E+08	1.14E+08 +	0	0
ENSG0000(TCF7L2	protein_co chr10	1.13E+08	1.13E+08 +	28.39	25.9
ENSG0000(MKI67	protein_co chr10	1.28E+08	1.28E+08 -	0.17	0.1
ENSG0000(CYP17A1	protein_co chr10	1.03E+08	1.03E+08 -	0	0
ENSG0000(INA	protein_co chr10	1.03E+08	1.03E+08 +	0.03	0.11
ENSG0000(FUOM	protein_co chr10	1.33E+08	1.33E+08 -	7.3	5.54
ENSG0000(LRRC27	protein_co chr10	1.32E+08	1.32E+08 +	6.59	6.66
ENSG0000(MTG1	protein_co chr10	1.33E+08	1.33E+08 +	18.11	16.74
ENSG0000(NKX6-2	protein_co chr10	1.33E+08	1.33E+08 -	0	0
ENSG0000(PAOX	protein_co chr10	1.33E+08	1.33E+08 +	2.61	2.23
ENSG0000(GSTO1	protein_co chr10	1.04E+08	1.04E+08 +	73.06	76.03
ENSG0000(TAF5	protein_co chr10	1.03E+08	1.03E+08 +	1.14	1.03
ENSG0000(PPRC1	protein_co chr10	1.02E+08	1.02E+08 +	9.23	9.28
ENSG0000(ITPRIP	protein_co chr10	1.04E+08	1.04E+08 -	13.42	13.78
ENSG0000(CNNM2	protein_co chr10	1.03E+08	1.03E+08 +	3.61	3.97
ENSG0000(PDCD11	protein_co chr10	1.03E+08	1.03E+08 +	6.48	5.75
ENSG0000(ADAM12	protein_co chr10	1.26E+08	1.26E+08 -	46.01	46.27
ENSG0000(RGS10	protein_co chr10	1.19E+08	1.2E+08 -	26.5	31.62
ENSG0000(BTBD10	protein_co chr11	13388001	13463297 -	14.55	14.63
ENSG0000(ADM	protein_co chr11	10304680	10307397 +	56.24	54.86
ENSG0000(GAS2	protein_co chr11	22625642	22813055 +	0.13	0.03
ENSG0000(SLC5A12	protein_co chr11	26667019	26723427 -	0.47	0.33
ENSG0000(LIN7C	protein_co chr11	27494576	27506773 -	1.9	2.16
ENSG0000(LRRC4C	protein_co chr11	40114203	41459773 -	0.05	0.03
ENSG0000(IMMP1L	protein_co chr11	31432401	31509645 -	4.42	4.24
ENSG0000(SAA4	protein_co chr11	18231349	18236893 -	0	0
ENSG0000(PGAP2	protein_co chr11	3797724	3826371 +	15.07	17.17
ENSG0000(TUT1	protein_co chr11	62575045	62592177 -	4.84	3.76
ENSG0000(SCGB1A1	protein_co chr11	62405103	62423195 +	0	0
ENSG0000(SYT8	protein_co chr11	1828307	1837521 +	0	0
ENSG0000(ZNF214	protein_co chr11	6999318	7020368 -	1.64	1.14
ENSG0000(ZNF215	protein_co chr11	6926404	7001004 +	1.51	0.74
ENSG0000(HSD17B12	protein_co chr11	43680558	43856617 +	19.39	18.04
ENSG0000(APIP	protein_co chr11	34853094	34916499 -	6.54	6.27
ENSG0000(PAMR1	protein_co chr11	35431823	35530300 -	155.47	138.85
ENSG0000(DGKZ	protein_co chr11	46332905	46380554 +	13.76	15.03
ENSG0000(EIF3M	protein_co chr11	32583798	32606262 +	109.8	127.66
ENSG0000(TNKS1BP1	protein_co chr11	57299638	57324952 -	85.41	85.41
ENSG0000(GLYAT	protein_co chr11	58640426	58731974 -	0	0.06
ENSG0000(SERPING1	protein_co chr11	57597387	57614853 +	210.83	212.46
ENSG0000(OR5F1	protein_co chr11	55993681	55994625 -	0	0
ENSG0000(SSRP1	protein_co chr11	57325985	57335877 -	32.11	31.78
ENSG0000(SLC43A1	protein_co chr11	57484534	57515786 -	9.91	9.48
ENSG0000(PTPRJ	protein_co chr11	47980558	48170841 +	8.93	8.4
ENSG0000(C11orf49	protein_co chr11	46936689	47164385 +	16.72	14.77

ENSG0000(ARFGAP2	protein_co chr11	47164299	47177125	-	22.85	25.83
ENSG0000(CELF1	protein_co chr11	47465944	47565569	-	23.95	26.01
ENSG0000(HIKESHI	protein_co chr11	86302211	86345931	+	26.66	21.71
ENSG0000(CCDC81	protein_co chr11	86374736	86423109	+	0.26	0.26
ENSG0000(SESN3	protein_co chr11	95165513	95232541	-	3.04	2.35
ENSG0000(ENDOD1	protein_co chr11	95089810	95132645	+	8.29	9.19
ENSG0000(CCDC82	protein_co chr11	96352769	96389923	-	14.51	11.2
ENSG0000(KLHL35	protein_co chr11	75422394	75430629	-	2.11	1.95
ENSG0000(TENM4	protein_co chr11	78652831	79440948	-	2.64	1.39
ENSG0000(SERPINH1	protein_co chr11	75562056	75572783	+	404.37	402.23
ENSG0000(CAPN5	protein_co chr11	77066932	77126155	+	12.04	13.37
ENSG0000(INTS4	protein_co chr11	77878720	77994678	-	9.1	10.11
ENSG0000(PAK1	protein_co chr11	77321707	77474635	-	7.76	9.43
ENSG0000(RPS3	protein_co chr11	75399486	75422280	+	923.05	941.8
ENSG0000(ZC3H12C	protein_co chr11	1.1E+08	1.1E+08	+	5.35	5.63
ENSG0000(TTC12	protein_co chr11	1.13E+08	1.13E+08	+	2.77	5.88
ENSG0000(NCAM1	protein_co chr11	1.13E+08	1.13E+08	+	0.75	0.8
ENSG0000(DRD2	protein_co chr11	1.13E+08	1.13E+08	-	0.14	0.15
ENSG0000(C11orf52	protein_co chr11	1.12E+08	1.12E+08	+	0.02	0.28
ENSG0000(HTR3B	protein_co chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(NPAT	protein_co chr11	1.08E+08	1.08E+08	-	4.47	4.22
ENSG0000(ATM	protein_co chr11	1.08E+08	1.08E+08	+	9.1	10.82
ENSG0000(AASDHPPT	protein_co chr11	1.06E+08	1.06E+08	+	13.58	13.69
ENSG0000(GLB1L2	protein_co chr11	1.34E+08	1.34E+08	+	0.36	0.4
ENSG0000(SLX4IP	protein_co chr20	10435303	10636829	+	1.07	0.76
ENSG0000(LAMTOR1	protein_co chr11	72085895	72103387	-	73.57	85.55
ENSG0000(P4HA3	protein_co chr11	74235801	74311657	-	7.42	8.49
ENSG0000(GRIK4	protein_co chr11	1.21E+08	1.21E+08	+	0.02	0
ENSG0000(ST14	protein_co chr11	1.3E+08	1.3E+08	+	0	0
ENSG0000(HYOU1	protein_co chr11	1.19E+08	1.19E+08	-	36.5	35.34
ENSG0000(GGTLC1	protein_co chr20	23985050	23988779	-	0	0
ENSG0000(C20orf78	sense_ove chr20	18809728	18830153	-	0	0
ENSG0000(ADAM33	protein_co chr20	3667965	3682246	-	13.75	18.84
ENSG0000(SLC22A8	protein_co chr11	62989154	63015839	-	0	0
ENSG0000(KAT14	protein_co chr20	18138118	18188387	+	4.72	6.28
ENSG0000(TKFC	protein_co chr11	61333210	61353295	+	19.06	14.39
ENSG0000(MTA2	protein_co chr11	62593214	62601840	-	24.8	26.95
ENSG0000(TMEM138	protein_co chr11	61362001	61369509	+	37.48	41.16
ENSG0000(FADS1	protein_co chr11	61799625	61829318	-	45.7	37.49
ENSG0000(TMC2	protein_co chr20	2536607	2641784	+	0.05	0.04
ENSG0000(ROM1	protein_co chr11	62611722	62615120	+	2.93	4.53
ENSG0000(EML3	protein_co chr11	62602218	62612765	-	16.6	19.37
ENSG0000(INCENP	protein_co chr11	62123973	62153163	+	3.82	3.47
ENSG0000(ZP1	protein_co chr11	60867562	60875693	+	1.07	0.75
ENSG0000(OOSP2	protein_co chr11	60040275	60048044	+	0	0

ENSG0000010543	protein_coding	chr11	60056587	60071128	+	0	0
ENSG0000010542	protein_coding	chr1	2425980	2505530	+	0.02	0
ENSG0000010541	unprocessed_coding	chr20	30377372	30399257	+	7.88	8.86
ENSG0000010540	protein_coding	chr11	61402641	61430031	-	24.43	22.7
ENSG0000010539	protein_coding	chr11	60088261	60098466	+	0.08	0
ENSG0000010538	protein_coding	chr11	62615296	62622175	-	19.67	20.17
ENSG0000010537	protein_coding	chr11	1.26E+08	1.26E+08	+	53.86	58.45
ENSG0000010536	protein_coding	chr11	1.25E+08	1.25E+08	+	0.5	0.24
ENSG0000010535	protein_coding	chr11	1.26E+08	1.26E+08	+	7.27	9.09
ENSG0000010534	protein_coding	chr11	1.25E+08	1.25E+08	-	48	46.12
ENSG0000010533	protein_coding	chr11	1.25E+08	1.25E+08	-	0.15	0.03
ENSG0000010532	protein_coding	chr11	1.26E+08	1.27E+08	-	1.48	1.03
ENSG0000010531	protein_coding	chr11	1.18E+08	1.18E+08	-	0.22	0.07
ENSG0000010530	protein_coding	chr11	1.18E+08	1.18E+08	-	0	0.03
ENSG0000010529	protein_coding	chr11	1.17E+08	1.17E+08	+	23.65	21.51
ENSG0000010528	protein_coding	chr11	1.19E+08	1.19E+08	+	5.05	4.74
ENSG0000010527	protein_coding	chr11	1.17E+08	1.17E+08	+	1007.24	1141.64
ENSG0000010526	protein_coding	chr20	44111695	44187578	-	0.07	0.09
ENSG0000010525	protein_coding	chr20	31847637	31870747	-	0	0
ENSG0000010524	protein_coding	chr20	32702691	32743997	-	19.6	21
ENSG0000010523	protein_coding	chr20	33662284	33665619	+	0.12	0.05
ENSG0000010522	protein_coding	chr20	38210488	38260772	-	4.14	4.58
ENSG0000010521	protein_coding	chr20	45886489	45887635	-	1.88	1.04
ENSG0000010520	protein_coding	chr20	46540946	46550574	-	0	0
ENSG0000010519	protein_coding	chr20	36751791	36773818	-	3.75	2.75
ENSG0000010518	protein_coding	chr20	36777442	36863686	-	4.92	5.1
ENSG0000010517	protein_coding	chr20	35954564	36030700	+	1.36	1.25
ENSG0000010516	protein_coding	chr20	45722351	45725830	+	0	0
ENSG0000010515	protein_coding	chr20	46173733	46308498	-	0	0
ENSG0000010514	lincRNA	chr20	64290385	64313132	+	0	0.2
ENSG0000010513	protein_coding	chr20	62122461	62135378	+	22.6	21.51
ENSG0000010512	protein_coding	chr20	63195429	63216234	-	12.62	11.33
ENSG0000010511	protein_coding	chr20	62388632	62407285	-	2.86	2.97
ENSG0000010510	protein_coding	chr11	69653076	69675416	-	8.85	11.2
ENSG0000010509	protein_coding	chr11	64934471	64935888	-	0	0
ENSG0000010508	protein_coding	chr11	63369789	63410294	+	0	0
ENSG0000010507	protein_coding	chr11	64223799	64226254	-	24.17	20
ENSG0000010506	protein_coding	chr11	64225941	64230686	+	23.12	21.7
ENSG0000010505	protein_coding	chr11	64206678	64223886	+	3.29	4.95
ENSG0000010504	protein_coding	chr11	64251523	64269150	+	13.52	11.5
ENSG0000010503	protein_coding	chr11	65122183	65127371	+	23.55	25.48
ENSG0000010502	protein_coding	chr11	65314818	65322429	+	18.33	20.4
ENSG0000010501	protein_coding	chr11	65120628	65122473	-	375.5	370.13
ENSG0000010500	protein_coding	chr11	65111845	65116384	+	4.56	6.5
ENSG0000010499	protein_coding	chr11	65089324	65111860	+	40.99	42.02

ENSG0000(TBX6	protein_co chr16	30085793	30091887 -	0.19	0.45
ENSG0000(PPP4C	protein_co chr16	30075978	30085377 +	47.16	54.37
ENSG0000(ALDOA	protein_co chr16	30053090	30070457 +	1319.45	1171.81
ENSG0000(FAM57B	protein_co chr16	30024427	30052978 -	0.09	0.14
ENSG0000(DOC2A	protein_co chr16	30005509	30023270 -	0.07	0.05
ENSG0000(HIRIP3	protein_co chr16	29992321	29996436 -	3.84	3.43
ENSG0000(TAOK2	protein_co chr16	29973641	29992261 +	14.46	15.84
ENSG0000(TMEM219	protein_co chr16	29940885	29973052 +	80	71.09
ENSG0000(HMGA2	protein_co chr12	65824131	65966295 +	3.16	2.99
ENSG0000(MMP3	protein_co chr11	1.03E+08	1.03E+08 -	2.33	0.75
ENSG0000(CNKSR2	protein_co chrX	21374418	21654695 +	1.47	1.77
ENSG0000(CNTN5	protein_co chr11	99020953	1E+08 +	0.03	0
ENSG0000(KLRF1	protein_co chr12	9827481	9845007 +	0	0
ENSG0000(CLEC1A	protein_co chr12	10069554	10111627 -	0	0
ENSG0000(MKX	protein_co chr10	27672875	27746060 -	0	0
ENSG0000(MPP7	protein_co chr10	28050993	28334486 -	0.11	0.2
ENSG0000(ITGB1	protein_co chr10	32900319	33005792 -	1219.36	1144.79
ENSG0000(FRMPD2B	unprocessε chr10	46870858	46894562 +	0	0
ENSG0000(FXYD4	protein_co chr10	43371642	43376335 +	0	0
ENSG0000(TRIM48	protein_co chr11	55262182	55271119 +	0	0
ENSG0000(OR8K1	protein_co chr11	56346039	56346998 +	0	0
ENSG0000(OR5M9	protein_co chr11	56462469	56463401 -	0	0
ENSG0000(PCDH15	protein_co chr10	53802771	55627942 -	0	0
ENSG0000(PPIAP26	processed_ chr13	52820497	52821018 +	0	0
ENSG0000(CTF1	protein_co chr16	30896607	30903560 +	4.69	5.52
ENSG0000(CWC15	protein_co chr11	94962622	94973612 -	21.65	23.75
ENSG0000(FCGR1A	protein_co chr1	1.5E+08	1.5E+08 +	0	0
ENSG0000(ARID5B	protein_co chr10	61901300	62096944 +	29.27	27.87
ENSG0000(KLHL1	protein_co chr13	69700594	70108493 -	0	0
ENSG0000(CDH8	protein_co chr16	61647242	62037035 -	1.08	0.76
ENSG0000(DCUN1D2	protein_co chr13	1.13E+08	1.13E+08 -	7.56	8.09
ENSG0000(TMCO3	protein_co chr13	1.13E+08	1.14E+08 +	54.82	58
ENSG0000(TMEM218	protein_co chr11	1.25E+08	1.25E+08 -	13.82	13.04
ENSG0000(TIRAP	protein_co chr11	1.26E+08	1.26E+08 +	4.52	4.44
ENSG0000(EEF1AKMT	protein_co chr13	20728731	20773958 -	3.57	5.42
ENSG0000(LATS2	protein_co chr13	20973032	21061547 -	9.12	9.64
ENSG0000(SAP18	protein_co chr13	21140514	21149084 +	91.63	89.53
ENSG0000(ADGRL3	protein_co chr4	61201258	62078335 +	0	0
ENSG0000(KIAA1328	protein_co chr18	36829106	37232172 +	7.63	7.35
ENSG0000(FAM124A	protein_co chr13	51222334	51284241 +	0.87	1.15
ENSG0000(MIA2	protein_co chr14	39230231	39253639 +	0	0
ENSG0000(CTAGE5	protein_co chr14	39265284	39388513 +	9.76	10.11
ENSG0000(HNMT	protein_co chr2	1.38E+08	1.38E+08 +	49.36	56.43
ENSG0000(LYPD1	protein_co chr2	1.33E+08	1.33E+08 -	18.91	17.08
ENSG0000(LYPD6B	protein_co chr2	1.49E+08	1.49E+08 +	0	0

ENSG0000(PDCD4	protein_co chr10	1.11E+08	1.11E+08 +	69.55	71.83
ENSG0000(ADRA2A	protein_co chr10	1.11E+08	1.11E+08 +	0	0
ENSG0000(GPM6A	protein_co chr4	1.76E+08	1.76E+08 -	0	0
ENSG0000(WDR17	protein_co chr4	1.76E+08	1.76E+08 +	0.23	0.01
ENSG0000(SPATA4	protein_co chr4	1.76E+08	1.76E+08 -	0.2	0.41
ENSG0000(VEGFC	protein_co chr4	1.77E+08	1.77E+08 -	11.04	8.03
ENSG0000(CCDC102B	protein_co chr18	68715209	69055189 +	3.15	4.22
ENSG0000(CD226	protein_co chr18	69831158	69961803 -	0.05	0.06
ENSG0000(CNDP1	protein_co chr18	74534440	74587212 +	0	0
ENSG0000(FSIP1	protein_co chr15	39600031	39782830 -	0.21	0.13
ENSG0000(DLG2	protein_co chr11	83455012	85627922 -	0.36	0.29
ENSG0000(CCDC83	protein_co chr11	85855101	85920021 +	0	0
ENSG0000(RGS18	protein_co chr1	1.92E+08	1.92E+08 +	0	0
ENSG0000(PRSS23	protein_co chr11	86791059	86952910 +	375.96	380.38
ENSG0000(MTMR12	protein_co chr5	32226994	32313009 -	6.2	6.47
ENSG0000(PPP1R1C	protein_co chr2	1.82E+08	1.82E+08 +	0.6	0.82
ENSG0000(RP11-134C	processed_chr1	1.88E+08	1.88E+08 -	0	0
ENSG0000(C11orf53	protein_co chr11	1.11E+08	1.11E+08 +	0	0
ENSG0000(CCT5	protein_co chr5	10249921	10266412 +	57.72	60.03
ENSG0000(FAM173B	protein_co chr5	10226330	10249897 -	4.06	6.84
ENSG0000(DOCK1	protein_co chr10	1.27E+08	1.27E+08 +	24.78	24.49
ENSG0000(DIXDC1	protein_co chr11	1.12E+08	1.12E+08 +	7.51	7.1
ENSG0000(DLAT	protein_co chr11	1.12E+08	1.12E+08 +	8.79	6.52
ENSG0000(PIH1D2	protein_co chr11	1.12E+08	1.12E+08 -	1.58	1.4
ENSG0000(C11orf57	protein_co chr11	1.12E+08	1.12E+08 +	12.86	12.18
ENSG0000(TIMM8B	protein_co chr11	1.12E+08	1.12E+08 -	28.78	25.66
ENSG0000(IL18	protein_co chr11	1.12E+08	1.12E+08 -	0.03	0.06
ENSG0000(TEX12	protein_co chr11	1.12E+08	1.12E+08 +	0	0
ENSG0000(PTS	protein_co chr11	1.12E+08	1.12E+08 +	15.65	13.95
ENSG0000(PIP4K2A	protein_co chr10	22534849	22714555 -	9.44	10.88
ENSG0000(C2orf50	protein_co chr2	11133053	11146790 +	0	0.04
ENSG0000(FREM2	protein_co chr13	38687129	38887131 +	0	0
ENSG0000(FOXO1	protein_co chr13	40469953	40666597 -	3.43	4.49
ENSG0000(CRIM1	protein_co chr2	36355926	36551135 +	99.04	98.38
ENSG0000(SEC24D	protein_co chr4	1.19E+08	1.19E+08 -	26.74	26.69
ENSG0000(ABCB9	protein_co chr12	1.23E+08	1.23E+08 -	3.24	2.99
ENSG0000(RILPL2	protein_co chr12	1.23E+08	1.23E+08 -	3.39	3.14
ENSG0000(DHX37	protein_co chr12	1.25E+08	1.25E+08 -	3.8	4.48
ENSG0000(UBC	protein_co chr12	1.25E+08	1.25E+08 -	567.55	577.45
ENSG0000(ITPR1	protein_co chr3	4493348	4847840 +	3.01	2.93
ENSG0000(TKTL2	protein_co chr4	1.63E+08	1.63E+08 -	0	0
ENSG0000(PRSS53	protein_co chr16	31083425	31089628 -	1.35	1.54
ENSG0000(SLC7A11	protein_co chr4	1.38E+08	1.38E+08 -	6.76	5.89
ENSG0000(NOCT	protein_co chr4	1.39E+08	1.39E+08 +	6.3	5.71
ENSG0000(ENKUR	protein_co chr10	24981979	25062279 -	0.04	0.14

ENSG0000(GPR158	protein_co chr10	25175062	25602226	+	0.69	0.65
ENSG0000(LYZL2	protein_co chr10	30611779	30629762	-	0	0
ENSG0000(CACNA2D4	protein_co chr12	1791957	1918836	-	0.14	0.4
ENSG0000(DCP1B	protein_co chr12	1946054	2004535	-	10.28	11.45
ENSG0000(CACNA1C	protein_co chr12	1970786	2697950	+	3.34	2.92
ENSG0000(KCNA6	protein_co chr12	4809176	4813412	+	0	0
ENSG0000(THRB	protein_co chr3	24117160	24495282	-	0	0.33
ENSG0000(NGLY1	protein_co chr3	25718944	25790039	-	8.04	8.35
ENSG0000(OXSM	protein_co chr3	25782917	25794534	+	6.53	4.24
ENSG0000(UEVLD	protein_co chr11	18529609	18588747	-	7.34	8.61
ENSG0000(TMEM86A	protein_co chr11	18693122	18704785	+	1.87	2.24
ENSG0000(C12orf45	protein_co chr12	1.05E+08	1.05E+08	+	5.01	6.59
ENSG0000(TMEM263	protein_co chr12	1.07E+08	1.07E+08	+	28.52	26.71
ENSG0000(BTBD11	protein_co chr12	1.07E+08	1.08E+08	+	0.51	0.45
ENSG0000(UBE3B	protein_co chr12	1.09E+08	1.1E+08	+	14.13	16.7
ENSG0000(ANK3	protein_co chr10	60026298	60733490	-	9.25	12.26
ENSG0000(IPMK	protein_co chr10	58191517	58267934	-	1.79	2.01
ENSG0000(RAD9B	protein_co chr12	1.11E+08	1.11E+08	+	0.06	0.14
ENSG0000(PLBD2	protein_co chr12	1.13E+08	1.13E+08	+	74.7	74.77
ENSG0000(DLG5	protein_co chr10	77790791	77926526	-	16.96	19.24
ENSG0000(MAT1A	protein_co chr10	80271820	80289684	-	0	0
ENSG0000(SLC2A13	protein_co chr12	39755021	40106089	-	3.48	2.91
ENSG0000(GXYLT1	protein_co chr12	42081845	42144879	-	3.13	2.7
ENSG0000(TWF1	protein_co chr12	43793723	43806375	-	42.6	40.12
ENSG0000(DIP2C	protein_co chr10	274190	689668	-	5.81	5.61
ENSG0000(EIF4E	protein_co chr4	98871684	98930637	-	23.61	26.98
ENSG0000(MAGI1	protein_co chr3	65353525	66038834	-	5.77	7.14
ENSG0000(TEX30	protein_co chr13	1.03E+08	1.03E+08	-	4.22	4.48
ENSG0000(CSNK1G3	protein_co chr5	1.24E+08	1.24E+08	+	13.94	14.94
ENSG0000(RP11-96C2	processed_chr10	86992406	87010203	+	0.16	0.21
ENSG0000(SRFBP1	protein_co chr5	1.22E+08	1.22E+08	+	1.86	2.24
ENSG0000(AKAP6	protein_co chr14	32329273	32837681	+	1.67	1.73
ENSG0000(NPAS3	protein_co chr14	32934933	33804176	+	0	0.01
ENSG0000(FAM177A1	protein_co chr14	35044907	35113130	+	32.84	33.62
ENSG0000(MBIP	protein_co chr14	36298558	36320676	-	9.63	8.41
ENSG0000(MIPOL1	protein_co chr14	37197913	37552361	+	2.7	2.74
ENSG0000(EXT2	protein_co chr11	44095549	44245429	+	92.5	88.63
ENSG0000(TMEM18	protein_co chr2	667335	677439	-	13.09	11.65
ENSG0000(ALLC	protein_co chr2	3658195	3702671	+	0	0
ENSG0000(KCTD14	protein_co chr11	78015715	78046191	-	0.7	0.33
ENSG0000(THRSP	protein_co chr11	78063861	78068351	+	0	0.06
ENSG0000(NDUFC2	protein_co chr11	78068304	78080219	-	81.09	84.67
ENSG0000(ME3	protein_co chr11	86441108	86672636	-	9.67	10.44
ENSG0000(MSGN1	protein_co chr2	17816496	17817101	+	0	0
ENSG0000(ADAMTS12	protein_co chr5	33523535	33892192	-	20.28	23.06

ENSG0000(NUBPL	protein_co chr14	31489956	31861224	+	4.46	3.5
ENSG0000(NEK7	protein_co chr1	1.98E+08	1.98E+08	+	56.78	50.34
ENSG0000(ATP6V1G3	protein_co chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000(FER	protein_co chr5	1.09E+08	1.09E+08	+	7.08	7.36
ENSG0000(VIPAS39	protein_co chr14	77426675	77457952	-	11.75	11.65
ENSG0000(ANKRD50	protein_co chr4	1.25E+08	1.25E+08	-	18.92	19.13
ENSG0000(UPF2	protein_co chr10	11920022	12043170	-	7.97	8.06
ENSG0000(CDC123	protein_co chr10	12195965	12250589	+	37.46	35.15
ENSG0000(SCLT1	protein_co chr4	1.29E+08	1.29E+08	-	1.98	1.73
ENSG0000(CCDC3	protein_co chr10	12896625	13099652	-	0.05	0.04
ENSG0000(C4orf33	protein_co chr4	1.29E+08	1.29E+08	+	4.68	4.21
ENSG0000(FRMD4A	protein_co chr10	13643706	14462142	-	19.43	25.51
ENSG0000(SLC25A31	protein_co chr4	1.28E+08	1.28E+08	+	0	0
ENSG0000(PTPRO	protein_co chr12	15322397	15597399	+	0	0.02
ENSG0000(EPS8	protein_co chr12	15620158	15882329	-	40.73	41.85
ENSG0000(ACAD8	protein_co chr11	1.34E+08	1.34E+08	+	11.81	10.95
ENSG0000(THYN1	protein_co chr11	1.34E+08	1.34E+08	-	28.19	25.01
ENSG0000(VPS26B	protein_co chr11	1.34E+08	1.34E+08	+	19.91	23.77
ENSG0000(NCAPD3	protein_co chr11	1.34E+08	1.34E+08	-	3.81	2.56
ENSG0000(VTI1A	protein_co chr10	1.12E+08	1.13E+08	+	7.39	6.79
ENSG0000(QDPR	protein_co chr4	17460261	17512234	-	15.44	12.13
ENSG0000(FAM160B1	protein_co chr10	1.15E+08	1.15E+08	+	9.79	9.84
ENSG0000(ANO4	protein_co chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(TEX9	protein_co chr15	56244009	56445997	+	1.96	2.39
ENSG0000(QTRT2	protein_co chr3	1.14E+08	1.14E+08	+	3.93	2.8
ENSG0000(DRD3	protein_co chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000(MMAA	protein_co chr4	1.46E+08	1.46E+08	+	3.06	3.44
ENSG0000(ZNF827	protein_co chr4	1.46E+08	1.46E+08	-	7.29	5.62
ENSG0000(POU4F2	protein_co chr4	1.47E+08	1.47E+08	+	0	0
ENSG0000(EDNRA	protein_co chr4	1.47E+08	1.48E+08	+	2.84	4.22
ENSG0000(NR3C2	protein_co chr4	1.48E+08	1.48E+08	-	1.22	0.97
ENSG0000(AKR1C6P	unprocessε chr10	4871901	4891975	-	0	0
ENSG0000(AKR1C2	protein_co chr10	4987400	5018031	-	120.32	166.54
ENSG0000(DPYSL4	protein_co chr10	1.32E+08	1.32E+08	+	1.38	1.08
ENSG0000(VENTX	protein_co chr10	1.33E+08	1.33E+08	+	0	0.02
ENSG0000(ADAM8	protein_co chr10	1.33E+08	1.33E+08	-	0.63	0.52
ENSG0000(ITIH2	protein_co chr10	7703269	7749520	+	0	0.02
ENSG0000(KIN	protein_co chr10	7750962	7787981	-	3.72	5.2
ENSG0000(PIGF	protein_co chr2	46580937	46617119	-	9.48	11.83
ENSG0000(ANKAR	protein_co chr2	1.9E+08	1.9E+08	+	2.9	2.01
ENSG0000(INPP1	protein_co chr2	1.9E+08	1.9E+08	+	10.69	10.71
ENSG0000(MFSD6	protein_co chr2	1.9E+08	1.91E+08	+	1.43	1.31
ENSG0000(RNF144A	protein_co chr2	6917392	7068286	+	0.96	0.72
ENSG0000(ASAP2	protein_co chr2	9206765	9405683	+	15.75	14.31
ENSG0000(ADAM17	protein_co chr2	9488486	9555792	-	14.34	14.92

ENSG00000101111	FLI1	protein_co chr11	1.29E+08	1.29E+08	+	14.44	12.04
ENSG00000101111	KCNJ1	protein_co chr11	1.29E+08	1.29E+08	-	0.07	0
ENSG00000101111	TMEM45B	protein_co chr11	1.3E+08	1.3E+08	+	0.03	0
ENSG00000101111	WWC2	protein_co chr4	1.83E+08	1.83E+08	+	12.43	14.25
ENSG00000101111	CENPU	protein_co chr4	1.85E+08	1.85E+08	-	2.66	2.22
ENSG00000101111	ACSL1	protein_co chr4	1.85E+08	1.85E+08	-	22.2	24.14
ENSG00000101111	SLC25A4	protein_co chr4	1.85E+08	1.85E+08	+	6.32	5.62
ENSG00000101111	AMN1	protein_co chr12	31671137	31729174	-	5.65	4.61
ENSG00000101111	BICD1	protein_co chr12	32106835	32383633	+	7.29	5.63
ENSG00000101111	SAV1	protein_co chr14	50632058	50668331	-	12.96	13.21
ENSG00000101111	CCDC122	protein_co chr13	43823909	43879727	-	3.12	4.61
ENSG00000101111	SERP2	protein_co chr13	44373665	44397714	+	2.78	1.93
ENSG00000101111	NBAS	protein_co chr2	15166909	15561330	-	11.26	12.82
ENSG00000101111	ZNF385D	protein_co chr3	21412222	22373321	-	0.04	0.42
ENSG00000101111	TDO2	protein_co chr4	1.56E+08	1.56E+08	+	0.1	0.55
ENSG00000101111	GUF1	protein_co chr4	44678427	44700926	+	6.13	3.92
ENSG00000101111	SLC35F4	protein_co chr14	57563922	57982194	-	0.04	0
ENSG00000101111	GABRA2	protein_co chr4	46248427	46475230	-	0	0
ENSG00000101111	SACS	protein_co chr13	23328826	23411513	-	3.25	3.62
ENSG00000101111	CCDC175	protein_co chr14	59504539	59576831	-	0	0
ENSG00000101111	PABPC3	protein_co chr13	25095868	25099254	+	0	0.02
ENSG00000101111	CENPJ	protein_co chr13	24882284	24922889	-	1.21	1.65
ENSG00000101111	FBXO4	protein_co chr5	41925254	41941743	+	5	5.99
ENSG00000101111	TMEM267	protein_co chr5	43444252	43483893	-	10.01	8.62
ENSG00000101111	CCL28	protein_co chr5	43376645	43412391	-	1.45	1.11
ENSG00000101111	PARP8	protein_co chr5	50665899	50846522	+	6.6	5.17
ENSG00000101111	GFRA1	protein_co chr10	1.16E+08	1.16E+08	-	0.06	0.03
ENSG00000101111	CACUL1	protein_co chr10	1.19E+08	1.19E+08	-	7.01	8.31
ENSG00000101111	DST	protein_co chr6	56457987	56954628	-	45.74	53.71
ENSG00000101111	BEND6	protein_co chr6	56955126	57027342	+	4.69	4.85
ENSG00000101111	TIAL1	protein_co chr10	1.2E+08	1.2E+08	-	31.65	30.33
ENSG00000101111	BAG3	protein_co chr10	1.2E+08	1.2E+08	+	21.8	22.91
ENSG00000101111	GLT1D1	protein_co chr12	1.29E+08	1.29E+08	+	0.02	0
ENSG00000101111	TMEM132L	protein_co chr12	1.29E+08	1.3E+08	-	0	0
ENSG00000101111	RBM46	protein_co chr4	1.55E+08	1.55E+08	+	0	0
ENSG00000101111	ZNF37CP	unprocessε chr10	37883594	37884109	+	0	1.92
ENSG00000101111	SCHIP1	protein_co chr3	1.6E+08	1.6E+08	+	0.72	2.26
ENSG00000101111	MCHR2	protein_co chr6	99919910	99994247	-	0	0
ENSG00000101111	KCNE4	protein_co chr2	2.23E+08	2.23E+08	+	2.15	2
ENSG00000101111	AP1S3	protein_co chr2	2.24E+08	2.24E+08	-	0.74	0.97
ENSG00000101111	RABGAP1L	protein_co chr1	1.74E+08	1.75E+08	+	6.69	7.29
ENSG00000101111	CCDC74B	protein_co chr2	1.3E+08	1.3E+08	-	5.59	8.01
ENSG00000101111	TMEM56	protein_co chr1	95117338	95197607	+	0.04	0.03
ENSG00000101111	MZT2B	protein_co chr2	1.3E+08	1.3E+08	+	121.88	101.93
ENSG00000101111	TUBA3E	protein_co chr2	1.3E+08	1.3E+08	-	0	0

ENSG00000101010	ASTN1	protein_co chr1	1.77E+08	1.77E+08	-	0.04	0.06
ENSG00000101011	CFC1B	protein_co chr2	1.31E+08	1.31E+08	+	0	0
ENSG00000101012	FAM168B	protein_co chr2	1.31E+08	1.31E+08	-	42.93	41.06
ENSG00000101013	PTPN14	protein_co chr1	2.14E+08	2.15E+08	-	14.35	12.18
ENSG00000101014	AC093838	transcribed chr2	1.31E+08	1.32E+08	+	5.65	5.47
ENSG00000101015	MGAT5	protein_co chr2	1.34E+08	1.34E+08	+	3.55	3.27
ENSG00000101016	TMEM163	protein_co chr2	1.34E+08	1.35E+08	-	0	0
ENSG00000101017	GPATCH11	protein_co chr2	37084451	37099244	+	2.92	3.02
ENSG00000101018	HSPB8	protein_co chr12	1.19E+08	1.19E+08	+	14.54	15.26
ENSG00000101019	GEMIN6	protein_co chr2	38751534	38785000	+	3.94	3.89
ENSG00000101020	TMEM178A	protein_co chr2	39664982	39717963	+	1.19	1.48
ENSG00000101021	POU4F1	protein_co chr13	78598362	78603560	-	0	0
ENSG00000101022	RNF219	protein_co chr13	78614291	78659179	-	3.91	3.06
ENSG00000101023	CYSLTR2	protein_co chr13	48653711	48711226	+	0	0.1
ENSG00000101024	GRID2	protein_co chr4	92303622	93810157	+	0	0.01
ENSG00000101025	ARL11	protein_co chr13	49628299	49633872	+	0	0
ENSG00000101026	RIT2	protein_co chr18	42743227	43115691	-	0	0
ENSG00000101027	SETBP1	protein_co chr18	44680173	45068510	+	0.88	0.79
ENSG00000101028	ARL14EP	protein_co chr11	30323051	30338227	+	8.76	8.33
ENSG00000101029	EPG5	protein_co chr18	45847609	45967274	-	13.8	12.74
ENSG00000101030	PSTPIP2	protein_co chr18	45983536	46072272	-	4.97	3.57
ENSG00000101031	ATP5A1	protein_co chr18	46080248	46104334	-	124.52	124.39
ENSG00000101032	HAUS1	protein_co chr18	46104332	46128333	+	17.83	13.45
ENSG00000101033	C18orf25	protein_co chr18	46173553	46266991	+	4.59	4.92
ENSG00000101034	SPC25	protein_co chr2	1.69E+08	1.69E+08	-	0.33	0.58
ENSG00000101035	G6PC2	protein_co chr2	1.69E+08	1.69E+08	+	0	0
ENSG00000101036	PDK1	protein_co chr2	1.73E+08	1.73E+08	+	17.41	21.51
ENSG00000101037	PTH	protein_co chr11	13492055	13496181	-	0	0
ENSG00000101038	PDE3B	protein_co chr11	14643723	14872044	+	0.12	0.1
ENSG00000101039	TCF7L1	protein_co chr2	85133410	85310388	+	8.68	11.14
ENSG00000101040	TGOLN2	protein_co chr2	85318020	85328425	-	66.95	64.98
ENSG00000101041	SH2D6	protein_co chr2	85418721	85437029	+	0.09	0.8
ENSG00000101042	KCNK13	protein_co chr14	90061765	90185857	+	0.04	0
ENSG00000101043	UHMK1	protein_co chr1	1.62E+08	1.63E+08	+	8.35	8.85
ENSG00000101044	ATG10	protein_co chr5	81972025	82276857	+	3.68	3.34
ENSG00000101045	POC5	protein_co chr5	75674124	75717481	-	2.24	3.07
ENSG00000101046	SPOCK1	protein_co chr5	1.37E+08	1.38E+08	-	273.86	235.86
ENSG00000101047	FAM151B	protein_co chr5	80487969	80542563	+	1.42	0.73
ENSG00000101048	TADA1	protein_co chr1	1.67E+08	1.67E+08	-	2.67	2.28
ENSG00000101049	GUCY1A2	protein_co chr11	1.07E+08	1.07E+08	-	0.32	0.14
ENSG00000101050	CWF19L2	protein_co chr11	1.07E+08	1.07E+08	-	3.49	3.24
ENSG00000101051	JMY	protein_co chr5	79236189	79327215	+	4.8	4.45
ENSG00000101052	HOMER1	protein_co chr5	79372636	79514217	-	1.24	1.6
ENSG00000101053	XRCC4	protein_co chr5	83077498	83353787	+	2.49	2.52
ENSG00000101054	BOLL	protein_co chr2	1.98E+08	1.98E+08	-	0	0

ENSG0000(ZNF547	protein_co chr19	57363477	57379565	+	2.03	2.41
ENSG0000(ZNF773	protein_co chr19	57499915	57518404	+	7.46	7.14
ENSG0000(ZNF776	protein_co chr19	57746796	57758159	+	4.26	3.6
ENSG0000(ZNF256	protein_co chr19	57940833	57947675	-	2.15	2.83
ENSG0000(SUV39H2	protein_co chr10	14878820	14904315	+	2.39	2.66
ENSG0000(DCLRE1C	protein_co chr10	14897359	14954432	-	3.2	3.32
ENSG0000(OLAH	protein_co chr10	15032227	15073852	+	0	0.04
ENSG0000(RPP38	protein_co chr10	15097180	15139818	+	6.91	7.18
ENSG0000(NMT2	protein_co chr10	15102584	15168693	-	13.97	10.54
ENSG0000(ZSCAN1	protein_co chr19	58034032	58054631	+	0	0
ENSG0000(ZNF837	protein_co chr19	58367618	58381060	-	1.25	1.6
ENSG0000(USP12	protein_co chr13	27066142	27171896	-	7.07	6.76
ENSG0000(CCDC50	protein_co chr3	1.91E+08	1.91E+08	+	19.32	23.77
ENSG0000(CAMK4	protein_co chr5	1.11E+08	1.11E+08	+	0.9	0.53
ENSG0000(TRIM36	protein_co chr5	1.15E+08	1.15E+08	-	0.25	0.19
ENSG0000(ZFP36L2	protein_co chr2	43222402	43226609	-	22	24.72
ENSG0000(PAN3	protein_co chr13	28138506	28295335	+	6.43	5.66
ENSG0000(PLEKHH2	protein_co chr2	43637273	43767987	+	0.31	0.31
ENSG0000(PFKM	protein_co chr12	48105139	48146404	+	37.74	38.65
ENSG0000(TMEM123	protein_co chr11	1.02E+08	1.02E+08	-	113.91	106.05
ENSG0000(GRIA4	protein_co chr11	1.06E+08	1.06E+08	+	0	0
ENSG0000(IGSF10	protein_co chr3	1.51E+08	1.51E+08	-	6.13	6.54
ENSG0000(SPEF2	protein_co chr5	35617844	35814611	+	1.38	1.11
ENSG0000(SPARCL1	protein_co chr4	87473335	87531061	-	0.09	0.07
ENSG0000(DSPP	protein_co chr4	87608529	87616910	+	0	0
ENSG0000(DMP1	protein_co chr4	87650307	87664361	+	0	0
ENSG0000(MEPE	protein_co chr4	87821411	87846817	+	0	0
ENSG0000(MBNL1	protein_co chr3	1.52E+08	1.52E+08	+	51.97	56.06
ENSG0000(CAPSL	protein_co chr5	35904295	35938779	-	0	0
ENSG0000(NADK2	protein_co chr5	36192592	36242279	-	9.09	10.12
ENSG0000(GPD1L	protein_co chr3	32105689	32168713	+	2.02	0.91
ENSG0000(GJA1	protein_co chr6	1.21E+08	1.21E+08	+	390.8	393.44
ENSG0000(CCNO	protein_co chr5	55231152	55233680	-	1.45	0.94
ENSG0000(DDX4	protein_co chr5	55738017	55817157	+	0	0
ENSG0000(CLEC4F	protein_co chr2	70808643	70820600	-	0.04	0
ENSG0000(SLC30A6	protein_co chr2	32165841	32224379	+	7.08	6.25
ENSG0000(PELO	protein_co chr5	52787940	52804046	+	8.68	8.06
ENSG0000(RASGRP3	protein_co chr2	33436324	33564750	+	0.29	1.04
ENSG0000(SAR1B	protein_co chr5	1.35E+08	1.35E+08	-	14.42	17.32
ENSG0000(CATSPER3	protein_co chr5	1.35E+08	1.35E+08	+	0.23	0.09
ENSG0000(GPR180	protein_co chr13	94601903	94634645	+	1.23	1.22
ENSG0000(TCTEX1D1	protein_co chr1	66752459	66778787	+	0	0
ENSG0000(WDR78	protein_co chr1	66812885	66924887	-	1.94	1.27
ENSG0000(ANKRD22	protein_co chr10	88822132	88851818	-	0.18	0
ENSG0000(FARP1	protein_co chr13	98142562	98455176	+	13.49	13.63

ENSG00000101515	IFIT5	protein_co chr10	89414586	89421001	+	3.98	3.69
ENSG00000101516	SLC16A12	protein_co chr10	89430299	89556641	-	0.03	0.08
ENSG00000101517	PANK1	protein_co chr10	89579497	89645572	-	2.32	2.26
ENSG00000101518	PRDM8	protein_co chr4	80183879	80204329	+	7.42	4.27
ENSG00000101519	BMP3	protein_co chr4	81030965	81057531	+	0.02	0.03
ENSG00000101520	HNRNPDL	protein_co chr4	82422564	82430408	-	60.99	54.82
ENSG00000101521	HHEX	protein_co chr10	92689951	92695646	+	1.77	1.66
ENSG00000101522	UTRN	protein_co chr6	1.44E+08	1.45E+08	+	27.01	30.01
ENSG00000101523	GRM1	protein_co chr6	1.46E+08	1.46E+08	+	0.05	0.05
ENSG00000101524	PTPRK	protein_co chr6	1.28E+08	1.29E+08	-	34.45	32.46
ENSG00000101525	GGPS1	protein_co chr1	2.35E+08	2.35E+08	+	10.38	15.04
ENSG00000101526	CNTNAP4	protein_co chr16	76277278	76559238	+	0.01	0.28
ENSG00000101527	ZNF117	protein_co chr7	64971776	65006684	-	9.17	10.36
ENSG00000101528	PART1	lincRNA chr5	60487713	60547657	+	0	0
ENSG00000101529	RAB3C	protein_co chr5	58582221	58859394	+	0	0
ENSG00000101530	LMNTD1	protein_co chr12	25409307	25648579	-	0	0
ENSG00000101531	MARVELD2	protein_co chr5	69415112	69444330	+	0.11	0.09
ENSG00000101532	RAD17	protein_co chr5	69369293	69414801	+	10.36	9.58
ENSG00000101533	MED21	protein_co chr12	27022546	27066343	+	18.25	18.15
ENSG00000101534	PLOD2	protein_co chr3	1.46E+08	1.46E+08	-	139.28	113.47
ENSG00000101535	STK32B	protein_co chr4	5051442	5500998	+	0.8	0.61
ENSG00000101536	NRSN1	protein_co chr6	24126122	24154900	+	0	0
ENSG00000101537	JAKMIP1	protein_co chr4	6026199	6200591	-	0	0
ENSG00000101538	ZIC1	protein_co chr3	1.47E+08	1.48E+08	+	0	0.28
ENSG00000101539	ADGRA3	protein_co chr4	22345071	22516054	-	9.96	10.01
ENSG00000101540	CPB1	protein_co chr3	1.49E+08	1.49E+08	+	0	0
ENSG00000101541	SREK1IP1	protein_co chr5	64718144	64768685	-	4.71	6.18
ENSG00000101542	LGI2	protein_co chr4	24998847	25030879	-	0.07	0.04
ENSG00000101543	CWC27	protein_co chr5	64768930	65018763	+	7.21	6.97
ENSG00000101544	MR1	protein_co chr1	1.81E+08	1.81E+08	+	12.72	13.5
ENSG00000101545	SRP19	protein_co chr5	1.13E+08	1.13E+08	+	26.76	27.8
ENSG00000101546	CENPH	protein_co chr5	69189548	69210357	+	1.67	1.67
ENSG00000101547	CDYL	protein_co chr6	4706159	4955551	+	7.72	9.28
ENSG00000101548	CARHSP1	protein_co chr16	8852942	8869012	-	120.78	124.36
ENSG00000101549	TEKT5	protein_co chr16	10627501	10694945	-	0	0
ENSG00000101550	BANK1	protein_co chr4	1.01E+08	1.02E+08	+	0.17	0.17
ENSG00000101551	TXNDC11	protein_co chr16	11679080	11742878	-	14.22	11.56
ENSG00000101552	DAB2	protein_co chr5	39371675	39462300	-	136.96	130.62
ENSG00000101553	ACMSD	protein_co chr2	1.35E+08	1.35E+08	+	0	0
ENSG00000101554	ACOXL	protein_co chr2	1.11E+08	1.11E+08	+	0	0
ENSG00000101555	BCL2L11	protein_co chr2	1.11E+08	1.11E+08	+	2.02	2.98
ENSG00000101556	ANAPC1	protein_co chr2	1.12E+08	1.12E+08	-	6.78	9.59
ENSG00000101557	CAST	protein_co chr5	96525267	96779595	+	106.13	97.96
ENSG00000101558	SCOC	protein_co chr4	1.4E+08	1.4E+08	+	17.49	15.45
ENSG00000101559	CLGN	protein_co chr4	1.4E+08	1.4E+08	-	1.07	0.57

ENSG0000(CETN3	protein_co chr5	90392261	90409786	-	8.98	11.64
ENSG0000(SMARCA5	protein_co chr4	1.44E+08	1.44E+08	+	9.85	14.17
ENSG0000(SYCP2L	protein_co chr6	10886831	10979320	+	0.02	0
ENSG0000(BMP6	protein_co chr6	7726797	7881422	+	4.74	7.62
ENSG0000(RGPD3	protein_co chr2	1.06E+08	1.06E+08	-	0.17	0.28
ENSG0000(RASSF3	protein_co chr12	64507001	64697567	+	5.53	3.78
ENSG0000(HNRNPU	protein_co chr1	2.45E+08	2.45E+08	-	99.99	97.54
ENSG0000(RANBP2	protein_co chr2	1.09E+08	1.09E+08	+	10.2	10.59
ENSG0000(AHCTF1	protein_co chr1	2.47E+08	2.47E+08	-	9.93	12.18
ENSG0000(MERTK	protein_co chr2	1.12E+08	1.12E+08	+	0.11	0.37
ENSG0000(TMEM87B	protein_co chr2	1.12E+08	1.12E+08	+	8.26	8.5
ENSG0000(OR14K1	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(PTPRR	protein_co chr12	70638073	70920843	-	0.03	0.14
ENSG0000(NR4A2	protein_co chr2	1.56E+08	1.56E+08	-	0.92	0.56
ENSG0000(CCDC148	protein_co chr2	1.58E+08	1.58E+08	-	0.05	0.36
ENSG0000(PLA2R1	protein_co chr2	1.6E+08	1.6E+08	-	16.31	13.97
ENSG0000(RBMS1	protein_co chr2	1.6E+08	1.6E+08	-	32.16	33.29
ENSG0000(SCN3A	protein_co chr2	1.65E+08	1.65E+08	-	0.02	0.02
ENSG0000(FEZF2	protein_co chr3	62369681	62374324	-	0	0
ENSG0000(CD96	protein_co chr3	1.11E+08	1.12E+08	+	0.13	0.02
ENSG0000(SLC25A27	protein_co chr6	46652915	46678193	+	4.68	5.09
ENSG0000(ADGRF1	protein_co chr6	46997703	47042363	-	0.01	0.01
ENSG0000(ADGRF4	protein_co chr6	47685864	47722021	+	1.5	1.35
ENSG0000(FRMD1	protein_co chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(FAM49B	protein_co chr8	1.3E+08	1.3E+08	-	8.39	8.85
ENSG0000(ASAP1	protein_co chr8	1.3E+08	1.3E+08	-	25.76	27.58
ENSG0000(TRAPPC8	protein_co chr18	31829173	31953136	-	7.79	9.67
ENSG0000(FAM81B	protein_co chr5	95391344	95450454	+	0	0
ENSG0000(LINC00467	lincRNA chr1	2.11E+08	2.11E+08	+	2.99	1.79
ENSG0000(INO80C	protein_co chr18	35452230	35497991	-	5.29	3.54
ENSG0000(LPCAT1	protein_co chr5	1456480	1523977	-	20.96	21.34
ENSG0000(PLEKHG4B	protein_co chr5	92151	189972	+	0	0
ENSG0000(NMRAL1	protein_co chr16	4461680	4495763	-	17.2	18.02
ENSG0000(UBALD1	protein_co chr16	4608883	4615027	-	13.72	13.76
ENSG0000(C16orf89	protein_co chr16	5044122	5066110	-	0.83	0.39
ENSG0000(TMEM251	protein_co chr14	93184951	93187089	+	5.47	3.76
ENSG0000(ING1	protein_co chr13	1.11E+08	1.11E+08	+	5.64	4.57
ENSG0000(TEX29	protein_co chr13	1.11E+08	1.11E+08	+	0.37	0
ENSG0000(SPACA7	protein_co chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000(ADPRHL1	protein_co chr13	1.13E+08	1.13E+08	-	1.54	1.44
ENSG0000(CMTM7	protein_co chr3	32391671	32483067	+	13.49	15.65
ENSG0000(FBXL2	protein_co chr3	33277025	33403662	+	6.72	7.22
ENSG0000(UBP1	protein_co chr3	33388336	33441371	-	27.82	28.05
ENSG0000(RMND5A	protein_co chr2	86720173	86778041	+	10.17	7.15
ENSG0000(CD8A	protein_co chr2	86784610	86808396	-	0	0

ENSG0000(RPIA	protein_co chr2	88691644	88750935	+	4.28	4.54
ENSG0000(GOLGA8F	protein_co chr15	28378621	28392018	+	0	0
ENSG0000(PTPRD	protein_co chr9	8314246	10612723	-	8.28	10.85
ENSG0000(LURAP1L	protein_co chr9	12775021	12822131	+	24.18	20.35
ENSG0000(CNKSR3	protein_co chr6	1.54E+08	1.55E+08	-	2.74	2.75
ENSG0000(GTF2E1	protein_co chr3	1.21E+08	1.21E+08	+	4.46	4.17
ENSG0000(CFDP1	protein_co chr16	75293698	75433485	-	34.98	39.42
ENSG0000(TGIF2LX	protein_co chrX	89921882	89922883	+	0	0
ENSG0000(ZDHHC7	protein_co chr16	84974181	85011535	-	27.46	28.2
ENSG0000(FAM92B	protein_co chr16	85098358	85112508	-	0	0
ENSG0000(C7orf31	protein_co chr7	25134697	25180356	-	2.31	1.64
ENSG0000(TMPRS11	protein_co chr4	67820876	67884032	-	0	0
ENSG0000(JAZF1	protein_co chr7	27830573	28180743	-	6.71	7.88
ENSG0000(CMIP	protein_co chr16	81445170	81711762	+	15.06	15.68
ENSG0000(SPHKAP	protein_co chr2	2.28E+08	2.28E+08	-	0	0
ENSG0000(KCNJ16	protein_co chr17	70053429	70135608	+	0	0
ENSG0000(PID1	protein_co chr2	2.29E+08	2.29E+08	-	31.66	27.06
ENSG0000(TRIP12	protein_co chr2	2.3E+08	2.3E+08	-	50.41	45
ENSG0000(FBXO36	protein_co chr2	2.3E+08	2.3E+08	+	1.16	1.1
ENSG0000(CEBPG	protein_co chr19	33373330	33382686	+	8.1	8.59
ENSG0000(KCTD15	protein_co chr19	33795933	33815763	+	8.83	9.47
ENSG0000(ZNF599	protein_co chr19	34758076	34773229	-	3.41	3
ENSG0000(MCOLN2	protein_co chr1	84925583	84997113	-	0.66	0.4
ENSG0000(LGI4	protein_co chr19	35124513	35142451	-	0.68	0.58
ENSG0000(DDAH1	protein_co chr1	85318481	85578363	-	11.28	12.36
ENSG0000(SREK1	protein_co chr5	66139971	66183615	+	27.45	30.52
ENSG0000(CHD1	protein_co chr5	98853985	98928957	-	5.61	7.59
ENSG0000(CLCA3P	transcribec chr1	86634273	86655376	+	0	0.02
ENSG0000(ANKFN1	protein_co chr17	55882301	56511659	+	0	0
ENSG0000(DGKE	protein_co chr17	56834099	56869567	+	3	2
ENSG0000(HS2ST1	protein_co chr1	86914648	87109998	+	16.83	12.09
ENSG0000(MSI2	protein_co chr17	57255851	57684685	+	7.93	9.22
ENSG0000(CACNA2D1	protein_co chr7	81946444	82443798	-	13	11.49
ENSG0000(ZUFSP	protein_co chr6	1.17E+08	1.17E+08	-	1.7	2.06
ENSG0000(HS3ST3A1	protein_co chr17	13495689	13601927	-	1.99	1.2
ENSG0000(GDPD1	protein_co chr17	59220467	59275967	+	0.69	0.92
ENSG0000(NUS1	protein_co chr6	1.18E+08	1.18E+08	+	8.65	7.77
ENSG0000(SEMA3D	protein_co chr7	84995553	85186855	-	0.57	1.39
ENSG0000(PPP2R5E	protein_co chr14	63371357	63543374	-	11.83	10.56
ENSG0000(ASB17	protein_co chr1	75918873	75932431	-	0	0
ENSG0000(GRAP	protein_co chr17	19020673	19047637	-	0	0.12
ENSG0000(SLC5A10	protein_co chr17	18950345	19022595	+	0.02	0.03
ENSG0000(AK5	protein_co chr1	77282051	77559969	+	5.94	6.14
ENSG0000(CABYR	protein_co chr18	24138956	24161603	+	1.6	1.38
ENSG0000(IMPACT	protein_co chr18	24426616	24453535	+	13.39	12.32

ENSG0000(ANKRD29	protein_co chr18	23598926	23662885 -	4.23	3.03
ENSG0000(SDHAF4	protein_co chr6	70566917	70589569 +	6.01	4.7
ENSG0000(CHST9	protein_co chr18	26906481	27185317 -	0	0
ENSG0000(THY1	protein_co chr11	1.19E+08	1.19E+08 -	103.05	98.38
ENSG0000(DNAAF1	protein_co chr16	84145287	84178767 +	0.15	0.26
ENSG0000(C16orf74	protein_co chr16	85690084	85751129 -	11.53	9.37
ENSG0000(TBCEL	protein_co chr11	1.21E+08	1.21E+08 +	8.96	9.28
ENSG0000(JPH3	protein_co chr16	87601835	87698156 +	0	0
ENSG0000(ANKH	protein_co chr5	14704804	14871778 -	25.25	24.79
ENSG0000(OTULIN	protein_co chr5	14664664	14699711 +	6.67	6.37
ENSG0000(UBASH3B	protein_co chr11	1.23E+08	1.23E+08 +	0.73	1.35
ENSG0000(ROBO4	protein_co chr11	1.25E+08	1.25E+08 -	1.84	1.93
ENSG0000(ROBO3	protein_co chr11	1.25E+08	1.25E+08 +	24.86	32.97
ENSG0000(PANX3	protein_co chr11	1.25E+08	1.25E+08 +	0	0
ENSG0000(TBRG1	protein_co chr11	1.25E+08	1.25E+08 +	15.29	19.35
ENSG0000(NRGN	protein_co chr11	1.25E+08	1.25E+08 +	0.87	0.71
ENSG0000(FAM134B	protein_co chr5	16473038	16617058 -	0.53	0.32
ENSG0000(CDH12	protein_co chr5	21750673	22853622 -	0	0
ENSG0000(GPR15	protein_co chr3	98531899	98533150 +	0	0
ENSG0000(TOMM70	protein_co chr3	1E+08	1E+08 -	13.93	12.01
ENSG0000(ABI3BP	protein_co chr3	1.01E+08	1.01E+08 -	392.37	322.63
ENSG0000(ANGPT1	protein_co chr8	1.07E+08	1.07E+08 -	9.1	8.81
ENSG0000(CYP4Z2P	transcribec chr1	46843095	46900437 -	0	0
ENSG0000(PITPNC1	protein_co chr17	67377281	67697261 +	5.49	4.58
ENSG0000(CC2D1B	protein_co chr1	52345723	52366193 -	13.15	13.28
ENSG0000(CERS3	protein_co chr15	1E+08	1.01E+08 -	0	0
ENSG0000(PRKCA	protein_co chr17	66302636	66810743 +	21.25	20.36
ENSG0000(LRRK1	protein_co chr15	1.01E+08	1.01E+08 +	10.02	11.26
ENSG0000(CEP112	protein_co chr17	65635538	66192084 -	6.12	7.01
ENSG0000(GAL3ST2	protein_co chr2	2.42E+08	2.42E+08 +	0	0
ENSG0000(ABCA9	protein_co chr17	68974488	69061064 -	76.63	74.35
ENSG0000(ABCA6	protein_co chr17	69078702	69141888 -	34.53	40.45
ENSG0000(ABCA10	protein_co chr17	69147214	69244846 -	0.96	1.01
ENSG0000(ABCA5	protein_co chr17	69244311	69327244 -	4.78	4.65
ENSG0000(ENPP3	protein_co chr6	1.32E+08	1.32E+08 +	0.11	0.14
ENSG0000(C4orf19	protein_co chr4	37453941	37623495 +	0.32	0
ENSG0000(UCHL1	protein_co chr4	41256413	41268455 +	82.11	81.08
ENSG0000(MIA3	protein_co chr1	2.23E+08	2.23E+08 +	33.48	34.22
ENSG0000(DISP1	protein_co chr1	2.23E+08	2.23E+08 +	3.15	2.88
ENSG0000(TNIK	protein_co chr3	1.71E+08	1.71E+08 -	13.79	10.75
ENSG0000(TDH	transcribec chr8	11339637	11368452 +	0.08	0
ENSG0000(FAM167A	protein_co chr8	11421463	11474715 -	2.18	2.34
ENSG0000(NEIL2	protein_co chr8	11769639	11787346 +	4.48	5.09
ENSG0000(PGM5	protein_co chr9	68328308	68531061 +	0.14	0
ENSG0000(WNT3A	protein_co chr1	2.28E+08	2.28E+08 +	0	0.02

ENSG0000(OBSCN	protein_co chr1	2.28E+08	2.28E+08	+	2.24	2.33
ENSG0000(LONRF1	protein_co chr8	12721894	12756073	-	5.3	4.7
ENSG0000(TRIM11	protein_co chr1	2.28E+08	2.28E+08	-	9.87	8.7
ENSG0000(ENAH	protein_co chr1	2.25E+08	2.26E+08	-	24.48	25.38
ENSG0000(PPP1R3A	protein_co chr7	1.14E+08	1.14E+08	-	0	0
ENSG0000(CCSAP	protein_co chr1	2.29E+08	2.29E+08	-	1	1.29
ENSG0000(ASZ1	protein_co chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(SH3RF1	protein_co chr4	1.69E+08	1.69E+08	-	9.23	8.95
ENSG0000(GBP5	protein_co chr1	89258950	89272804	-	0.35	0.21
ENSG0000(BUB3	protein_co chr10	1.23E+08	1.23E+08	+	35.49	35.38
ENSG0000(GPR26	protein_co chr10	1.24E+08	1.24E+08	+	0	0
ENSG0000(CCDC173	protein_co chr2	1.7E+08	1.7E+08	-	1.36	1.03
ENSG0000(MMP21	protein_co chr10	1.26E+08	1.26E+08	-	0	0
ENSG0000(C10orf90	protein_co chr10	1.26E+08	1.27E+08	-	0.27	0.2
ENSG0000(FAM69A	protein_co chr1	92832737	92961522	-	8	7.64
ENSG0000(ATP5G3	protein_co chr2	1.75E+08	1.75E+08	-	92.8	98.73
ENSG0000(CNTNAP3B	protein_co chr9	41890314	42129510	-	6	7.29
ENSG0000(FAM27C	lincRNA chr9	61854162	61855331	+	2.02	3.45
ENSG0000(MAGED4	protein_co chrX	52184823	52192268	+	8.68	8.1
ENSG0000(SRSF12	protein_co chr6	89095959	89118081	-	0.01	0
ENSG0000(PDLIM3	protein_co chr4	1.86E+08	1.86E+08	-	5.63	5.52
ENSG0000(SORBS2	protein_co chr4	1.86E+08	1.86E+08	-	4.51	4.22
ENSG0000(ELOC	protein_co chr8	73939169	73972287	-	41.02	38.68
ENSG0000(LY96	protein_co chr8	73991352	74029087	+	37.51	41.69
ENSG0000(CEP170P1	transcribec chr4	1.18E+08	1.19E+08	+	0.2	0.22
ENSG0000(PSMA8	protein_co chr18	26133852	26193355	+	0	0
ENSG0000(TMSB4Y	protein_co chrY	13703567	13706024	+	0.14	0.11
ENSG0000(CXADR	protein_co chr21	17512382	17593579	+	0.11	0.15
ENSG0000(BTG3	protein_co chr21	17593653	17612947	-	11.95	11.52
ENSG0000(C21orf91	protein_co chr21	17788967	17819386	-	4.07	3.44
ENSG0000(CHODL	protein_co chr21	17901263	18267373	+	0	0.08
ENSG0000(TMPRS15	protein_co chr21	18269116	18485879	-	0	0
ENSG0000(NCAM2	protein_co chr21	20998315	21543329	+	4.31	4.61
ENSG0000(L3MBTL4	protein_co chr18	5954706	6415237	-	0	0
ENSG0000(PDE1C	protein_co chr7	31751179	32299329	-	0.43	0.16
ENSG0000(RABGEF1	protein_co chr7	66682164	66811464	+	11.21	10.02
ENSG0000(MRPL39	protein_co chr21	25585656	25607517	-	12.99	12.16
ENSG0000(JAM2	protein_co chr21	25639272	25717562	+	1.83	2.07
ENSG0000(ATP5J	protein_co chr21	25716503	25735673	-	69.19	72.52
ENSG0000(GABPA	protein_co chr21	25734570	25772460	+	4.9	6.42
ENSG0000(ADAMTS1	protein_co chr21	26835747	26845409	-	65.74	56.56
ENSG0000(ADAMTS5	protein_co chr21	26917912	26966513	-	5.87	6.15
ENSG0000(TSEN2	protein_co chr3	12484432	12539623	+	4.11	4.65
ENSG0000(SLFN13	protein_co chr17	35435096	35448837	-	1.85	1.98
ENSG0000(WNT7A	protein_co chr3	13816258	13880121	-	0.03	0

ENSG0000(XPC	protein_co chr3	14145147	14178783	-	29.28	29.86
ENSG0000(CCDC174	protein_co chr3	14651746	14672659	+	10.78	11.92
ENSG0000(FGD5	protein_co chr3	14810853	14934565	+	0.42	0.28
ENSG0000(FLCN	protein_co chr17	17212212	17237188	-	47.11	46.34
ENSG0000(DPH3	protein_co chr3	16257978	16264972	-	5.14	4.45
ENSG0000(OXNAD1	protein_co chr3	16265160	16350299	+	2.24	2.37
ENSG0000(PLCL2	protein_co chr3	16802651	17090594	+	1.91	2.05
ENSG0000(CXXC1	protein_co chr18	50282343	50288304	-	25.85	21.78
ENSG0000(SKA1	protein_co chr18	50374995	50394173	+	2.75	2.97
ENSG0000(PPP4R1	protein_co chr18	9546791	9615240	-	20.09	21.66
ENSG0000(APCDD1	protein_co chr18	10454628	10489948	+	0.01	0
ENSG0000(PIEZO2	protein_co chr18	10666483	11148762	-	2.62	2.48
ENSG0000(CCDC144B	transcribec chr17	18537800	18625617	-	4.87	4.32
ENSG0000(MPPE1	protein_co chr18	11882622	11909223	-	17.78	19.97
ENSG0000(CCDC144C	transcribec chr17	20321164	20403557	+	0.06	0.03
ENSG0000(USP43	protein_co chr17	9644698	9729691	+	0	0
ENSG0000(RAB6B	protein_co chr3	1.34E+08	1.34E+08	-	0.56	0.82
ENSG0000(EME1	protein_co chr17	50373220	50381483	+	0.76	0.36
ENSG0000(EPHB1	protein_co chr3	1.35E+08	1.35E+08	+	0.16	0.32
ENSG0000(ACSS1	protein_co chr20	25006230	25058980	-	1.91	2.16
ENSG0000(ANKRD40	protein_co chr17	50693190	50707924	-	10.49	11.54
ENSG0000(ZNF18	protein_co chr17	11977439	11997510	-	3.86	3.29
ENSG0000(CA10	protein_co chr17	51630313	52160017	-	0	0
ENSG0000(VOPP1	protein_co chr7	55436056	55572988	-	38.92	42.87
ENSG0000(14-Sep	protein_co chr7	55793544	55862789	-	0.13	0.17
ENSG0000(APOOL	protein_co chrX	85003826	85093316	+	2.41	2.72
ENSG0000(DKK2	protein_co chr4	1.07E+08	1.07E+08	-	0	0.07
ENSG0000(CYP2U1	protein_co chr4	1.08E+08	1.08E+08	+	7.99	7.3
ENSG0000(RSPH10B	protein_co chr7	5925550	5970683	-	0.28	0.26
ENSG0000(FBXL18	protein_co chr7	5431335	5513798	-	3.7	4.95
ENSG0000(CNTNAP5	protein_co chr2	1.24E+08	1.25E+08	+	0.02	0.02
ENSG0000(PROM2	protein_co chr2	95274453	95291308	+	0.11	0.55
ENSG0000(UNC93B2	processed_chr7	6855485	6859830	-	0	0
ENSG0000(AK9	protein_co chr6	1.09E+08	1.1E+08	-	2.61	3.05
ENSG0000(ODF1	protein_co chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(KLF10	protein_co chr8	1.03E+08	1.03E+08	-	8.59	11.88
ENSG0000(PTPRN2	protein_co chr7	1.58E+08	1.59E+08	-	0.92	0.85
ENSG0000(AZIN1	protein_co chr8	1.03E+08	1.03E+08	-	24.58	21.51
ENSG0000(ATP6V1C1	protein_co chr8	1.03E+08	1.03E+08	+	25.16	22.17
ENSG0000(TMEM55A	protein_co chr8	90993796	91041064	-	26.94	24.38
ENSG0000(OTUD6B	protein_co chr8	91070196	91087095	+	3.59	3.95
ENSG0000(CDK19	protein_co chr6	1.11E+08	1.11E+08	-	11.66	9.49
ENSG0000(GTF3C6	protein_co chr6	1.11E+08	1.11E+08	+	21.31	21.06
ENSG0000(TTC39B	protein_co chr9	15163622	15307360	-	2.35	2.59
ENSG0000(AGPAT5	protein_co chr8	6708357	6759666	+	4.14	5.67

ENSG0000(MMS19	protein_co chr10	97458324	97498794	-	21.56	21.86
ENSG0000(OR4K1	protein_co chr14	19935608	19936683	+	0	0
ENSG0000(PI4K2A	protein_co chr10	97640686	97676434	+	14.77	15.49
ENSG0000(MARVELD1	protein_co chr10	97713173	97718152	+	36.76	35.88
ENSG0000(ZFYVE27	protein_co chr10	97737121	97760907	+	12.57	12.02
ENSG0000(GOLGA7B	protein_co chr10	97850239	97871580	+	0	0.04
ENSG0000(GPR78	protein_co chr4	8558725	8619761	+	0.02	0.13
ENSG0000(TRMT44	protein_co chr4	8436140	8493531	+	3.9	4.14
ENSG0000(SLC25A28	protein_co chr10	99610522	99620609	-	27.05	25.27
ENSG0000(HSPA13	protein_co chr21	14371115	14383484	-	9.73	9.53
ENSG0000(SAMSN1	protein_co chr21	14485228	14583402	-	0	0
ENSG0000(USP25	protein_co chr21	15730025	15880069	+	13.46	15.3
ENSG0000(GRAMD3	protein_co chr5	1.26E+08	1.26E+08	+	12.76	12.76
ENSG0000(ZCCHC10	protein_co chr5	1.33E+08	1.33E+08	-	6.28	8.75
ENSG0000(C16orf87	protein_co chr16	46796607	46831411	-	3.62	2.88
ENSG0000(MOV10	protein_co chr1	1.13E+08	1.13E+08	+	22.03	19.36
ENSG0000(RHOC	protein_co chr1	1.13E+08	1.13E+08	-	179.44	176.81
ENSG0000(PPM1J	protein_co chr1	1.13E+08	1.13E+08	-	0.36	0.43
ENSG0000(DBI	protein_co chr2	1.19E+08	1.19E+08	+	111.46	109.35
ENSG0000(SLC16A1	protein_co chr1	1.13E+08	1.13E+08	-	46.94	44.57
ENSG0000(HEATR3	protein_co chr16	50065941	50106387	+	3.62	4.22
ENSG0000(TRIM74	protein_co chr7	72959485	72969466	-	0.52	0
ENSG0000(NIFK	protein_co chr2	1.22E+08	1.22E+08	-	23.05	19.47
ENSG0000(OXA1L	protein_co chr14	22766522	22773041	+	72.94	70.79
ENSG0000(SLC7A7	protein_co chr14	22773222	22829820	-	7.03	6.39
ENSG0000(MAGEC1	protein_co chrX	1.42E+08	1.42E+08	+	0	0.06
ENSG0000(LARP1	protein_co chr5	1.55E+08	1.55E+08	+	49.6	49.92
ENSG0000(CNOT8	protein_co chr5	1.55E+08	1.55E+08	+	20.52	22.09
ENSG0000(GRIA1	protein_co chr5	1.53E+08	1.54E+08	+	0.03	0
ENSG0000(LRGUK	protein_co chr7	1.34E+08	1.34E+08	+	0.11	0
ENSG0000(SETD9	protein_co chr5	56909260	56925532	+	5.53	4.94
ENSG0000(MIER3	protein_co chr5	56919602	56971675	-	9.37	7.74
ENSG0000(NUP205	protein_co chr7	1.36E+08	1.36E+08	+	7.24	7.63
ENSG0000(ZKSCAN2	protein_co chr16	25236001	25257931	-	1.53	1.43
ENSG0000(C9orf85	protein_co chr9	71911510	71986054	+	6.79	5.83
ENSG0000(XAGE2	protein_co chrX	52369030	52375680	+	0	0
ENSG0000(PIK3AP1	protein_co chr10	96593312	96720514	-	0	0.04
ENSG0000(RBM45	protein_co chr2	1.78E+08	1.78E+08	+	5.07	4.79
ENSG0000(TTN	protein_co chr2	1.79E+08	1.79E+08	-	0.01	0
ENSG0000(VSIG4	protein_co chrX	66021738	66040125	-	0	0
ENSG0000(PDIA4	protein_co chr7	1.49E+08	1.49E+08	-	97.69	90.99
ENSG0000(KDM8	protein_co chr16	27203495	27221768	+	1.41	1.9
ENSG0000(PDZD9	protein_co chr16	21983865	22001110	-	0	0
ENSG0000(OTOA	protein_co chr16	21678514	21760729	+	0	0
ENSG0000(KCTD18	protein_co chr2	2E+08	2.01E+08	-	9.23	9.34

ENSG0000(FAM126B	protein_co chr2	2.01E+08	2.01E+08	-	2.16	2.43
ENSG0000(ALS2CR12	protein_co chr2	2.01E+08	2.01E+08	-	1.21	1.25
ENSG0000(ALS2CR11	protein_co chr2	2.01E+08	2.02E+08	-	0.45	0.48
ENSG0000(TMEM237	protein_co chr2	2.02E+08	2.02E+08	-	22.14	22.97
ENSG0000(FZD7	protein_co chr2	2.02E+08	2.02E+08	+	39.16	31.41
ENSG0000(SPAG17	protein_co chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(DEPTOR	protein_co chr8	1.2E+08	1.2E+08	+	26.29	32.43
ENSG0000(FMN2	protein_co chr1	2.4E+08	2.4E+08	+	0.86	0.57
ENSG0000(RNF20	protein_co chr9	1.02E+08	1.02E+08	+	13.42	14.07
ENSG0000(CYLC2	protein_co chr9	1.03E+08	1.03E+08	+	0	0
ENSG0000(PPARGC1B	protein_co chr5	1.5E+08	1.5E+08	+	0.13	0.22
ENSG0000(ELMO1	protein_co chr7	36854361	37449249	-	0.86	0.18
ENSG0000(SLC26A2	protein_co chr5	1.5E+08	1.5E+08	+	3.78	4.44
ENSG0000(LSM11	protein_co chr5	1.58E+08	1.58E+08	+	1.45	1.14
ENSG0000(MED7	protein_co chr5	1.57E+08	1.57E+08	-	4.38	4.85
ENSG0000(SAXO1	protein_co chr9	18927658	19049354	-	0.13	0
ENSG0000(RRAGA	protein_co chr9	19049395	19050983	+	54.22	53.74
ENSG0000(SLC24A2	protein_co chr9	19507452	19786928	-	0	0
ENSG0000(TRIM42	protein_co chr3	1.41E+08	1.41E+08	+	0	0
ENSG0000(PXYLP1	protein_co chr3	1.41E+08	1.41E+08	+	6.93	7.28
ENSG0000(ADCY8	protein_co chr8	1.31E+08	1.31E+08	-	0.13	0
ENSG0000(RASA2	protein_co chr3	1.41E+08	1.42E+08	+	8.91	6.04
ENSG0000(RMND1	protein_co chr6	1.51E+08	1.51E+08	-	10.27	9.95
ENSG0000(RAET1L	protein_co chr6	1.5E+08	1.5E+08	-	0	0
ENSG0000(SLA	protein_co chr8	1.33E+08	1.33E+08	-	0	0
ENSG0000(TMBIM4	protein_co chr12	66135846	66170072	-	59.72	59.34
ENSG0000(VBP1	protein_co chrX	1.55E+08	1.55E+08	+	14.65	10.04
ENSG0000(RAB39B	protein_co chrX	1.55E+08	1.55E+08	-	0.03	0.03
ENSG0000(CLIC2	protein_co chrX	1.55E+08	1.55E+08	-	1.68	1.73
ENSG0000(AFF2	protein_co chrX	1.49E+08	1.49E+08	+	2.35	2.53
ENSG0000(MICU3	protein_co chr8	17027238	17122644	+	2.58	2.43
ENSG0000(GRIP1	protein_co chr12	66347431	66804186	-	0.13	0.36
ENSG0000(VPS37A	protein_co chr8	17246571	17302427	+	30.16	30.58
ENSG0000(KIF5A	protein_co chr12	57549998	57586632	+	0.06	0.15
ENSG0000(NAT2	protein_co chr8	18391245	18401218	+	0	0.1
ENSG0000(MAGEA8	protein_co chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(PSD3	protein_co chr8	18527301	19084730	-	12.96	13.88
ENSG0000(CARNMT1	protein_co chr9	74981020	75028423	-	3.25	2.05
ENSG0000(MCU	protein_co chr10	72692131	72887694	+	23.02	24.71
ENSG0000(ELMSAN1	protein_co chr14	73715122	73790285	-	10.61	8.3
ENSG0000(CFAP70	protein_co chr10	73253759	73358859	-	0.86	0.95
ENSG0000(GNA14	protein_co chr9	77423079	77648307	-	9.48	8.21
ENSG0000(FAM161B	protein_co chr14	73931501	73950414	-	1.99	2.08
ENSG0000(GNAQ	protein_co chr9	77716087	78031458	-	26.29	28.13
ENSG0000(WIF1	protein_co chr12	65050626	65121566	-	0	0

ENSG00000100264	UGT2B4	protein_co chr4	69480165	69526014	-	0	0.14
ENSG00000100265	GPR61	protein_co chr1	1.1E+08	1.1E+08	+	0	0.26
ENSG00000100266	MMP16	protein_co chr8	88032009	88328025	-	11.44	10.89
ENSG00000100267	ADK	protein_co chr10	74151185	74709303	+	15.03	14.66
ENSG00000100268	KCNMA1	protein_co chr10	76869601	77638369	-	2.74	2.26
ENSG00000100269	BATF	protein_co chr14	75522425	75547015	+	0	0
ENSG00000100270	DCK	protein_co chr4	70992538	71030914	+	3.5	3.87
ENSG00000100271	ADAMTS3	protein_co chr4	72280969	72569386	-	1.52	2
ENSG00000100272	ALX3	protein_co chr1	1.1E+08	1.1E+08	-	0	0
ENSG00000100273	DPY19L4	protein_co chr8	94719703	94793836	+	7.94	9.36
ENSG00000100274	NDUFAF6	protein_co chr8	94895767	95116455	+	6.34	8.08
ENSG00000100275	DRAM2	protein_co chr1	1.11E+08	1.11E+08	-	39.72	40.17
ENSG00000100276	C8orf37	protein_co chr8	95244919	95269201	-	1.11	1.12
ENSG00000100277	PPEF2	protein_co chr4	75859864	75902571	-	0.02	0
ENSG00000100278	CFAP161	protein_co chr15	81007033	81149175	+	0	0
ENSG00000100279	ADAMTSL3	protein_co chr15	83654086	84039842	+	1.24	1.46
ENSG00000100280	ART3	protein_co chr4	76011184	76112802	+	0	0.19
ENSG00000100281	SLC28A1	protein_co chr15	84884654	84945796	+	0.03	0
ENSG00000100282	WHAMM	protein_co chr15	82809628	82836108	+	4.26	3.27
ENSG00000100283	CXCL13	protein_co chr4	77511753	77611834	+	0	0
ENSG00000100284	N6AMT1	protein_co chr21	28872191	28885371	-	3.52	3.14
ENSG00000100285	RWDD2B	protein_co chr21	29004384	29019378	-	11.08	12.37
ENSG00000100286	USP16	protein_co chr21	29024629	29054488	+	11.18	10.34
ENSG00000100287	CCT8	protein_co chr21	29055805	29073797	-	49.52	47.86
ENSG00000100288	MAP3K7CL	protein_co chr21	29077471	29175889	+	4.32	5.12
ENSG00000100289	NAA11	protein_co chr4	79225694	79326050	-	0	0
ENSG00000100290	BACH1	protein_co chr21	29194071	29630751	+	13.33	12.71
ENSG00000100291	CLDN17	protein_co chr21	30165564	30166756	-	0	0
ENSG00000100292	CLDN8	protein_co chr21	30214006	30216073	-	0	0
ENSG00000100293	TSPAN7	protein_co chrX	38561370	38688920	+	0	0
ENSG00000100294	TIAM1	protein_co chr21	31118416	31559977	-	1.5	1.8
ENSG00000100295	SCAF4	protein_co chr21	31671033	31732075	-	7.01	7.23
ENSG00000100296	RPGR	protein_co chrX	38269163	38327564	-	4.1	4.47
ENSG00000100297	CDK20	protein_co chr9	87966441	87974753	-	4.76	6.24
ENSG00000100298	PCGF6	protein_co chr10	1.03E+08	1.03E+08	-	3.78	4.06
ENSG00000100299	ANKRD9	protein_co chr14	1.03E+08	1.03E+08	-	4.58	4.21
ENSG00000100300	SFR1	protein_co chr10	1.04E+08	1.04E+08	+	5.2	4.41
ENSG00000100301	SORCS3	protein_co chr10	1.05E+08	1.05E+08	+	0	0.04
ENSG00000100302	SFXN2	protein_co chr10	1.03E+08	1.03E+08	+	0.71	0.52
ENSG00000100303	C14orf2	protein_co chr14	1.04E+08	1.04E+08	-	79.32	71.05
ENSG00000100304	FUT6	protein_co chr19	5830610	5839731	-	0.07	0
ENSG00000100305	TDRD9	protein_co chr14	1.04E+08	1.04E+08	+	0.05	0.14
ENSG00000100306	FGF18	protein_co chr5	1.71E+08	1.71E+08	+	0.03	0.12
ENSG00000100307	PCDH1	protein_co chr5	1.42E+08	1.42E+08	-	1.96	2.81
ENSG00000100308	SH3RF2	protein_co chr5	1.46E+08	1.46E+08	+	7.51	8.45

ENSG0000(GDF6	protein_co chr8	96142330	96160792 -	0.62	0.66
ENSG0000(UQCRB	protein_co chr8	96225920	96235634 -	147.57	155.32
ENSG0000(MTERF3	protein_co chr8	96239398	96261610 -	5.1	6.61
ENSG0000(PTDSS1	protein_co chr8	96261715	96336995 +	44.96	45.04
ENSG0000(PPP2R2B	protein_co chr5	1.47E+08	1.47E+08 -	0.03	0
ENSG0000(RPL30	protein_co chr8	98024851	98046469 -	793.1	828.69
ENSG0000(KCNS2	protein_co chr8	98427022	98432848 +	0.33	0.35
ENSG0000(FAM122C	protein_co chrX	1.35E+08	1.35E+08 +	2.82	3.35
ENSG0000(SUPV3L1	protein_co chr10	69180232	69209099 +	10.66	11.47
ENSG0000(FAM122B	protein_co chrX	1.35E+08	1.35E+08 -	6.1	8.08
ENSG0000(EEF1A1	protein_co chr6	73515750	73523797 -	6626.44	6683.99
ENSG0000(FBXO43	protein_co chr8	1E+08	1E+08 -	0.21	0.09
ENSG0000(HKDC1	protein_co chr10	69220303	69267559 +	0.23	0.26
ENSG0000(HK1	protein_co chr10	69269984	69401882 +	47.92	44.67
ENSG0000(TYSND1	protein_co chr10	70137981	70146676 -	9.86	10.43
ENSG0000(PHF6	protein_co chrX	1.34E+08	1.34E+08 +	4.47	5.47
ENSG0000(CD109	protein_co chr6	73695785	73828316 +	12.53	11.69
ENSG0000(LRFN2	protein_co chr6	40391586	40587465 -	0	0
ENSG0000(NODAL	protein_co chr10	70432315	70447951 -	0	0
ENSG0000(PRG3	protein_co chr11	57376769	57381150 -	0	0
ENSG0000(UBE2L6	protein_co chr11	57551656	57568284 -	41.21	44.1
ENSG0000(ZDHHC5	protein_co chr11	57667747	57701187 +	21.99	24.02
ENSG0000(MED19	protein_co chr11	57703714	57712323 -	7.61	8.68
ENSG0000(ZFAND3	protein_co chr6	37819499	38154624 +	53.25	54.51
ENSG0000(NPTN	protein_co chr15	73560014	73634134 -	108.79	107.66
ENSG0000(KAT6B	protein_co chr10	74825582	75032622 +	6.28	6.68
ENSG0000(SAMD8	protein_co chr10	75099586	75182123 +	7.02	7.04
ENSG0000(RAB11FIP1	protein_co chr8	37858618	37899467 -	11.33	11.52
ENSG0000(UNC5D	protein_co chr8	35235457	35796550 +	0	0.07
ENSG0000(GLYATL2	protein_co chr11	58834065	58904215 -	0.61	0.76
ENSG0000(UTP14A	protein_co chrX	1.3E+08	1.3E+08 +	8.9	8.01
ENSG0000(AIFM1	protein_co chrX	1.3E+08	1.3E+08 -	11.33	12.04
ENSG0000(MAPK13	protein_co chr6	36127809	36144524 +	3.95	3.02
ENSG0000(BAG4	protein_co chr8	38176533	38213301 +	5.51	5.67
ENSG0000(MS4A1	protein_co chr11	60455752	60470760 +	0	0
ENSG0000(IGKV1OR-2	IG_V_pseu chr9	64765054	64765535 -	0	0
ENSG0000(TBC1D31	protein_co chr8	1.23E+08	1.23E+08 +	1.56	1.59
ENSG0000(WDYHV1	protein_co chr8	1.23E+08	1.23E+08 +	7.84	5.83
ENSG0000(ATAD2	protein_co chr8	1.23E+08	1.23E+08 -	2.76	2.51
ENSG0000(FBXO32	protein_co chr8	1.23E+08	1.24E+08 -	126.1	113.52
ENSG0000(NSMCE2	protein_co chr8	1.25E+08	1.25E+08 +	13.08	17.03
ENSG0000(ZNF689	protein_co chr16	30602558	30624012 -	3.2	2.46
ENSG0000(PRR14	protein_co chr16	30650717	30656440 +	11.54	14.96
ENSG0000(FBRS	protein_co chr16	30658431	30670814 +	17.35	18.18
ENSG0000(FRRS1	protein_co chr1	99708703	99766631 -	3.73	4.39

ENSG00000108220	PHKG2	protein_co chr16	30748270	30761176	+	10.12	10.44
ENSG00000108221	MFSD14A	protein_co chr1	1E+08	1E+08	+	15.08	15.19
ENSG00000108222	SASS6	protein_co chr1	1E+08	1E+08	-	0.59	0.71
ENSG00000108223	COX6A2	protein_co chr16	31427731	31428428	-	0	0
ENSG00000108224	ITGAD	protein_co chr16	31393312	31426505	+	0	0
ENSG00000108225	ADGRG4	protein_co chrX	1.36E+08	1.36E+08	+	0	0
ENSG00000108226	ZIC3	protein_co chrX	1.38E+08	1.38E+08	+	0	0.03
ENSG00000108227	MALSU1	protein_co chr7	23298739	23311729	+	29.18	31.32
ENSG00000108228	VPS8	protein_co chr3	1.85E+08	1.85E+08	+	11.94	11.2
ENSG00000108229	GALK2	protein_co chr15	49155656	49367869	+	13.26	12.86
ENSG00000108230	LHFPL4	protein_co chr3	9498361	9553802	-	0	0
ENSG00000108231	B3GNT7	protein_co chr2	2.31E+08	2.31E+08	+	0.12	0.16
ENSG00000108232	MPV17L	protein_co chr16	15395754	15413268	+	0.1	0.11
ENSG00000108233	BUB1B	protein_co chr15	40161023	40221136	+	0.66	0.29
ENSG00000108234	PDE6D	protein_co chr2	2.32E+08	2.32E+08	-	14.1	15.37
ENSG00000108235	EIF4A2	protein_co chr3	1.87E+08	1.87E+08	+	132.09	127.47
ENSG00000108236	BRPF1	protein_co chr3	9731729	9748018	+	4.74	4.7
ENSG00000108237	RPUSD3	protein_co chr3	9837849	9844602	-	14.92	14.93
ENSG00000108238	SST	protein_co chr3	1.88E+08	1.88E+08	-	0	0
ENSG00000108239	TATDN2	protein_co chr3	10248023	10281218	+	11.65	11.9
ENSG00000108240	GHRL	protein_co chr3	10285675	10292947	-	0	0
ENSG00000108241	SEC13	protein_co chr3	10293131	10321178	-	56.48	56.48
ENSG00000108242	FAM92A1P	unprocessε chr15	41163162	41164374	+	0	0
ENSG00000108243	EXOGL	protein_co chr3	38496127	38542161	+	4.67	3.06
ENSG00000108244	NTAN1	protein_co chr16	15037853	15056079	-	26.85	31.58
ENSG00000108245	SHCBP1L	protein_co chr1	1.83E+08	1.83E+08	-	0	0
ENSG00000108246	NMNAT2	protein_co chr1	1.83E+08	1.83E+08	-	0.63	1.09
ENSG00000108247	ZFYVE9	protein_co chr1	52142094	52346686	+	8.39	8.22
ENSG00000108248	ATP2B2	protein_co chr3	10324023	10708031	-	0	0
ENSG00000108249	LYZL4	protein_co chr3	42397078	42410600	-	0	0
ENSG00000108250	SLC6A1	protein_co chr3	10992724	11039247	+	0	0.01
ENSG00000108251	SMG1	protein_co chr16	18804853	18926454	-	15.88	15.57
ENSG00000108252	FCHO2	protein_co chr5	72955981	73090522	+	8.76	6.99
ENSG00000108253	RBPMS	protein_co chr8	30384479	30572261	+	70.42	72.43
ENSG00000108254	TMEM171	protein_co chr5	73120292	73131817	+	1.63	1.66
ENSG00000108255	KLHL40	protein_co chr3	42685519	42692544	+	0	0
ENSG00000108256	C8A	protein_co chr1	56854806	56918221	+	0	0.03
ENSG00000108257	TIMP4	protein_co chr3	12153051	12159351	-	0.1	0.34
ENSG00000108258	SYN2	protein_co chr3	12004402	12191400	+	0.31	0
ENSG00000108259	NRG1	protein_co chr8	31639386	32767959	+	1.01	1.26
ENSG00000108260	C1orf27	protein_co chr1	1.86E+08	1.86E+08	+	4.05	5.59
ENSG00000108261	CPT2	protein_co chr1	53196429	53214197	+	9.33	9.2
ENSG00000108262	NECAP2	protein_co chr1	16440672	16460078	+	30.15	28.07
ENSG00000108263	LRP8	protein_co chr1	53242364	53328070	-	5.54	3.66
ENSG00000108264	CDCP2	protein_co chr1	54132968	54153770	-	0	0

ENSG0000(PAXIP1	protein_co chr7	1.55E+08	1.55E+08	-	3.36	3.47
ENSG0000(STEAP2	protein_co chr7	90167590	90238137	+	9.92	9.24
ENSG0000(SSBP3	protein_co chr1	54225432	54413479	-	21.68	24.79
ENSG0000(HTR5A	protein_co chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(CLDN12	protein_co chr7	90383721	90513402	+	16.42	17.51
ENSG0000(MMP14	protein_co chr14	22836557	22849027	+	344.45	356.74
ENSG0000(FZD1	protein_co chr7	91264364	91271326	+	2.25	2.61
ENSG0000(GATAD1	protein_co chr7	92447453	92458836	+	12.67	14.02
ENSG0000(SUSD3	protein_co chr9	93058688	93085138	+	0	0.28
ENSG0000(ZFHX2-AS1	processed_chr14	23511760	23560778	+	1.84	1.92
ENSG0000(TMED6	protein_co chr16	69343248	69351809	-	0	0
ENSG0000(CLEC18A	protein_co chr16	69950705	69964452	+	0.04	0
ENSG0000(DHRS4	protein_co chr14	23953586	23969279	+	17.85	18.45
ENSG0000(C1orf158	protein_co chr1	12746215	12763699	+	0.02	0.02
ENSG0000(CLEC18C	protein_co chr16	70173322	70187361	+	0.19	0.37
ENSG0000(ARMC12	protein_co chr6	35737032	35749079	+	0.23	0.4
ENSG0000(DDX19B	protein_co chr16	70289663	70335283	+	14.79	13.34
ENSG0000(ST3GAL2	protein_co chr16	70375978	70439237	-	9.12	9.49
ENSG0000(FUK	protein_co chr16	70454421	70480274	+	3.1	2.78
ENSG0000(IL34	protein_co chr16	70579895	70660682	+	1.91	3.76
ENSG0000(DHRS1	protein_co chr14	24290598	24299833	-	13.52	13.13
ENSG0000(CACNA1D	protein_co chr3	53328963	53813733	+	0.25	0.53
ENSG0000(ARSE	protein_co chrX	2934632	2968310	-	0.09	0.33
ENSG0000(KIT	protein_co chr4	54657918	54740715	+	0.19	0.02
ENSG0000(HYDIN	protein_co chr16	70807378	71230722	-	0.12	0.63
ENSG0000(AASDH	protein_co chr4	56338287	56387508	-	3.27	3.51
ENSG0000(ZNF19	protein_co chr16	71464555	71565089	-	1.28	1.23
ENSG0000(CACNA2D3	protein_co chr3	54122547	55074557	+	0.24	0.29
ENSG0000(RNF111	protein_co chr15	58865175	59097419	+	8.4	8.72
ENSG0000(CCNB2	protein_co chr15	59105078	59125045	+	0.6	0.53
ENSG0000(FAM81A	protein_co chr15	59372693	59523549	+	0.13	0.16
ENSG0000(MYO1E	protein_co chr15	59132434	59372900	-	35.45	31.51
ENSG0000(APPL1	protein_co chr3	57227737	57273468	+	11.11	9.72
ENSG0000(MUM1L1	protein_co chrX	1.06E+08	1.06E+08	+	0.03	0.01
ENSG0000(AFAP1L1	protein_co chr5	1.49E+08	1.49E+08	+	5.3	5.22
ENSG0000(TSC22D3	protein_co chrX	1.08E+08	1.08E+08	-	17.64	17.18
ENSG0000(DSCR3	protein_co chr21	37223420	37267919	-	24.51	25.68
ENSG0000(DYRK1A	protein_co chr21	37365790	37517450	+	16.89	16.91
ENSG0000(KCNJ6	protein_co chr21	37607376	37916446	-	0.01	0.01
ENSG0000(KCNJ15	protein_co chr21	38157034	38307357	+	0.46	0.33
ENSG0000(ERG	protein_co chr21	38380027	38661780	-	0.14	0.29
ENSG0000(ETS2	protein_co chr21	38805307	38824955	+	8.53	8.13
ENSG0000(TSPAN18	protein_co chr11	44726465	44932421	+	0	0
ENSG0000(LCA5L	protein_co chr21	39405844	39445805	-	0.45	0.6
ENSG0000(SLC35B2	protein_co chr6	44254096	44257890	-	54.27	52.43

ENSG0000(TMEM164	protein_co chrX	1.1E+08	1.1E+08 +	9.85	7.78
ENSG0000(MX1	protein_co chr21	41420304	41459214 +	6.84	7.81
ENSG0000(CREB3L1	protein_co chr11	46277661	46321422 +	33.16	32.17
ENSG0000(C2CD2	protein_co chr21	41885112	41953890 -	7.57	7.02
ENSG0000(TAB3	protein_co chrX	30827442	30975084 -	13.82	10.91
ENSG0000(SLC38A10	protein_co chr17	81245000	81295547 -	49.2	49.22
ENSG0000(C9orf43	protein_co chr9	1.13E+08	1.13E+08 +	0.16	0.06
ENSG0000(PALM2-AK	protein_co chr9	1.1E+08	1.1E+08 +	1.22	1.66
ENSG0000(ZNF618	protein_co chr9	1.14E+08	1.14E+08 +	6.86	6.91
ENSG0000(DGKI	protein_co chr7	1.37E+08	1.38E+08 -	0.33	1.16
ENSG0000(TMEM268	protein_co chr9	1.15E+08	1.15E+08 +	5	5.19
ENSG0000(SVOPL	protein_co chr7	1.39E+08	1.39E+08 -	0	0
ENSG0000(SNX22	protein_co chr15	64151715	64157481 +	0.13	0.24
ENSG0000(UBN2	protein_co chr7	1.39E+08	1.39E+08 +	2	1.78
ENSG0000(BRAF	protein_co chr7	1.41E+08	1.41E+08 -	5.02	5.24
ENSG0000(SLC34A2	protein_co chr4	25655301	25678748 +	0	0
ENSG0000(ACAN	protein_co chr15	88803443	88875354 +	0	0
ENSG0000(PSMG3	protein_co chr7	1567330	1571005 -	12.27	11.84
ENSG0000(CABP1	protein_co chr12	1.21E+08	1.21E+08 +	0.08	0.05
ENSG0000(WDR19	protein_co chr4	39182404	39285810 +	25.63	27.33
ENSG0000(SLC37A3	protein_co chr7	1.4E+08	1.4E+08 -	20.16	16.4
ENSG0000(AP3S2	protein_co chr15	89830599	89894638 -	13.57	11.04
ENSG0000(FMNL2	protein_co chr2	1.52E+08	1.53E+08 +	17.27	17.98
ENSG0000(GAREM2	protein_co chr2	26173091	26189663 +	4.14	3.43
ENSG0000(SPPL3	protein_co chr12	1.21E+08	1.21E+08 -	38.07	36.32
ENSG0000(DPYSL5	protein_co chr2	26847747	26950351 +	0.01	0
ENSG0000(DRC1	protein_co chr2	26401916	26456711 +	0	0.27
ENSG0000(RAB28	protein_co chr4	13361354	13484365 -	7.69	9.04
ENSG0000(FAM213B	protein_co chr1	2586491	2591469 +	8.88	8.72
ENSG0000(TNFRSF14	protein_co chr1	2555639	2565382 +	14.35	17.32
ENSG0000(PANK4	protein_co chr1	2508533	2526628 -	8.43	8.26
ENSG0000(CIB4	protein_co chr2	26581202	26641368 -	0	0
ENSG0000(MEGF11	protein_co chr15	65895079	66253747 -	0.15	0
ENSG0000(C12orf43	protein_co chr12	1.21E+08	1.21E+08 -	6.06	5.69
ENSG0000(PEX10	protein_co chr1	2403964	2413797 -	10.52	10.93
ENSG0000(RER1	protein_co chr1	2391775	2405444 +	82.02	71.64
ENSG0000(RADIL	protein_co chr7	4797055	4883719 -	1.41	0.98
ENSG0000(SKI	protein_co chr1	2228695	2310119 +	26.78	25.47
ENSG0000(WIPI2	protein_co chr7	5190188	5233826 +	34.33	30.36
ENSG0000(SSX8	unprocessε chrX	52624998	52632895 +	0	0
ENSG0000(LDLRAP1	protein_co chr1	25543580	25568886 +	9.78	9.95
ENSG0000(AGAP1	protein_co chr2	2.35E+08	2.36E+08 +	8.45	7.37
ENSG0000(KRTCAP3	protein_co chr2	27442366	27446481 +	0.69	0.61
ENSG0000(ANKRD61	protein_co chr7	6031376	6036386 +	0.05	0
ENSG0000(PAFAH2	protein_co chr1	25959767	25998157 -	3.4	2.48

ENSG0000(EXTL1	protein_co chr1	26019884	26036464	+	0.03	0.03
ENSG0000(SLC30A2	protein_co chr1	26037252	26046133	-	0.02	0
ENSG0000(BRE	protein_co chr2	27889941	28338901	+	20.4	20.04
ENSG0000(TRIM63	protein_co chr1	26051304	26068436	-	0.06	0.07
ENSG0000(WDR66	protein_co chr12	1.22E+08	1.22E+08	+	0.42	0.76
ENSG0000(MRPL17	protein_co chr11	6680782	6683401	-	29.33	24.98
ENSG0000(DUSP2	protein_co chr2	96143166	96145440	-	0.07	0.15
ENSG0000(GRHL3	protein_co chr1	24319322	24364482	+	0	0
ENSG0000(UBXN11	protein_co chr1	26281328	26318363	-	6.02	7.43
ENSG0000(NLRP14	protein_co chr11	7020446	7071308	+	0.01	0
ENSG0000(PTPDC1	protein_co chr9	94030794	94109856	+	1.98	2.31
ENSG0000(GALNT14	protein_co chr2	30910467	31155202	-	0.12	0
ENSG0000(NCK1	protein_co chr3	1.37E+08	1.37E+08	+	34.99	31.9
ENSG0000(HPD	protein_co chr12	1.22E+08	1.22E+08	-	0.69	0.54
ENSG0000(RHPN1	protein_co chr8	1.43E+08	1.43E+08	+	0.39	0.44
ENSG0000(TPRG1L	protein_co chr1	3625002	3630127	+	32.1	29.1
ENSG0000(LRRC43	protein_co chr12	1.22E+08	1.22E+08	+	0.71	1.24
ENSG0000(AAED1	protein_co chr9	96639577	96655303	-	4.36	5.76
ENSG0000(XDH	protein_co chr2	31334321	31414715	-	0.06	0
ENSG0000(XKR8	protein_co chr1	27959462	27968096	+	4.78	3.88
ENSG0000(CNNM4	protein_co chr2	96760902	96811891	+	2.63	3.2
ENSG0000(EYA3	protein_co chr1	27970344	28088696	-	3.96	4.23
ENSG0000(DZIP1L	protein_co chr3	1.38E+08	1.38E+08	-	1.78	1.91
ENSG0000(TMSB15A	protein_co chrX	1.03E+08	1.03E+08	-	0.19	0.11
ENSG0000(FANCC	protein_co chr9	95099054	95426796	-	2.1	1.98
ENSG0000(MRAS	protein_co chr3	1.38E+08	1.38E+08	+	18.4	19.09
ENSG0000(WASF2	protein_co chr1	27404226	27490158	-	36.88	37.02
ENSG0000(ABHD3	protein_co chr18	21650897	21704805	-	2.04	1.68
ENSG0000(ESYT3	protein_co chr3	1.38E+08	1.38E+08	+	0.27	0.2
ENSG0000(FAIM	protein_co chr3	1.39E+08	1.39E+08	+	5.98	4.91
ENSG0000(FAM46B	protein_co chr1	27005020	27012836	-	0.81	0.56
ENSG0000(CLSTN2	protein_co chr3	1.4E+08	1.41E+08	+	0.17	0.28
ENSG0000(COLEC12	protein_co chr18	316740	500722	-	22	24.12
ENSG0000(RNF207	protein_co chr1	6205475	6221299	+	5.1	6.26
ENSG0000(CUL4B	protein_co chrX	1.21E+08	1.21E+08	-	23.71	23.42
ENSG0000(GPR153	protein_co chr1	6247346	6260975	-	4.18	5.31
ENSG0000(SLC13A3	protein_co chr20	46557823	46684467	-	1.38	1.58
ENSG0000(GPRASP2	protein_co chrX	1.03E+08	1.03E+08	+	4.73	5.24
ENSG0000(RHBDL2	protein_co chr1	38885807	38941799	-	0	0
ENSG0000(AUTS2	protein_co chr7	69598919	70793068	+	1.93	3.37
ENSG0000(SHROOM4	protein_co chrX	50591647	50814302	-	1.04	1.29
ENSG0000(HIST1H2BD	protein_co chr6	26158146	26171349	+	2.6	3.4
ENSG0000(CDC25C	protein_co chr5	1.38E+08	1.38E+08	-	0.04	0.08
ENSG0000(HIST1H4H	protein_co chr6	26277609	26285638	-	0.76	0.77
ENSG0000(MITD1	protein_co chr2	99161427	99181058	-	15.11	14.01

ENSG0000(EIF5B	protein_co chr2	99337353	99401326 +	22.17	20.9
ENSG0000(RIBC1	protein_co chrX	53422690	53431120 +	0.39	0.29
ENSG0000(TMSB15B	protein_co chrX	1.04E+08	1.04E+08 +	4.66	4.55
ENSG0000(CATIP	protein_co chr2	2.18E+08	2.18E+08 +	0	0.02
ENSG0000(CNOT11	protein_co chr2	1.01E+08	1.01E+08 +	14.88	14.58
ENSG0000(KCNB1	protein_co chr20	49293394	49484297 -	0.29	0.23
ENSG0000(TSPAN33	protein_co chr7	1.29E+08	1.29E+08 +	0.29	0.5
ENSG0000(NRG2	protein_co chr5	1.4E+08	1.4E+08 -	0.03	0.04
ENSG0000(AHCYL2	protein_co chr7	1.29E+08	1.29E+08 +	5.56	5.62
ENSG0000(B4GALT5	protein_co chr20	49632945	49713878 -	17.67	16.29
ENSG0000(CD1D	protein_co chr1	1.58E+08	1.58E+08 +	0.1	0.19
ENSG0000(CD1A	protein_co chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(SPATA2	protein_co chr20	49903391	49915508 -	2.97	3.01
ENSG0000(CD1C	protein_co chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(SNX29P1	unprocessε chr16	21376648	21386064 +	0.4	0
ENSG0000(FAM86C1	protein_co chr11	71787510	71801236 +	2.53	2.36
ENSG0000(CD1B	protein_co chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(DNAH3	protein_co chr16	20933111	21159441 -	0	0.04
ENSG0000(CD1E	protein_co chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(HMHB1	protein_co chr5	1.44E+08	1.44E+08 +	0	0
ENSG0000(CPA2	protein_co chr7	1.3E+08	1.3E+08 +	0.13	0
ENSG0000(NCF1	protein_co chr7	74773962	74789315 +	0	0
ENSG0000(CPA5	protein_co chr7	1.3E+08	1.3E+08 +	0	0
ENSG0000(TSR2	protein_co chrX	54440401	54445487 +	21.11	19.28
ENSG0000(PPP1R9A	protein_co chr7	94907202	95296415 +	0.01	0
ENSG0000(ZC3H18	protein_co chr16	88570381	88631966 +	10.5	11.03
ENSG0000(ZFAND2B	protein_co chr2	2.19E+08	2.19E+08 +	16.49	19.96
ENSG0000(POM121L2	protein_co chr6	27285903	27312170 -	0	0
ENSG0000(GDPD5	protein_co chr11	75434640	75525903 -	13.35	14.79
ENSG0000(DYNC111	protein_co chr7	95772506	96110322 +	0.5	0.09
ENSG0000(PFKFB1	protein_co chrX	54932961	54998534 -	0.09	0
ENSG0000(ALAS2	protein_co chrX	55009055	55031064 -	0	0
ENSG0000(TMED4	protein_co chr7	44577894	44582287 -	31.89	30.61
ENSG0000(PPP1R15B	protein_co chr1	2.04E+08	2.04E+08 -	6.5	5.76
ENSG0000(COPG2	protein_co chr7	1.31E+08	1.31E+08 -	10.45	12.51
ENSG0000(EMSY	protein_co chr11	76444923	76553025 +	5.75	4.33
ENSG0000(PAGE5	protein_co chrX	55220355	55224108 +	0	0
ENSG0000(GPAT4	protein_co chr8	41577187	41625001 +	49.18	52.32
ENSG0000(PKD1L1	protein_co chr7	47774652	47948491 -	0.01	0
ENSG0000(ZSCAN12	protein_co chr6	28378955	28399734 -	1.4	1.11
ENSG0000(TAGLN2	protein_co chr1	1.6E+08	1.6E+08 -	229.48	219.75
ENSG0000(ELK4	protein_co chr1	2.06E+08	2.06E+08 -	3.58	4.23
ENSG0000(SLAMF8	protein_co chr1	1.6E+08	1.6E+08 +	0	0.02
ENSG0000(SLC45A3	protein_co chr1	2.06E+08	2.06E+08 -	1.5	2.16
ENSG0000(DUSP23	protein_co chr1	1.6E+08	1.6E+08 +	10.89	13.7

ENSG0000(RNF166	protein_co chr16	88696495	88706421 -	5.89	6.39
ENSG0000(OR10J6P	unprocessε chr1	1.6E+08	1.6E+08 +	0	0
ENSG0000(NBL1	protein_co chr1	19640554	19658456 +	98.75	93.19
ENSG0000(HTR6	protein_co chr1	19665287	19679562 +	0	0
ENSG0000(ITLN2	protein_co chr1	1.61E+08	1.61E+08 -	0	0.57
ENSG0000(F11R	protein_co chr1	1.61E+08	1.61E+08 -	16.88	14.55
ENSG0000(USF1	protein_co chr1	1.61E+08	1.61E+08 -	22.32	21.54
ENSG0000(PLA2G2F	protein_co chr1	20139326	20150386 +	0	0
ENSG0000(SPATA2L	protein_co chr16	89696343	89701705 -	3.44	3.03
ENSG0000(NIT1	protein_co chr1	1.61E+08	1.61E+08 +	16.32	16.49
ENSG0000(DEDD	protein_co chr1	1.61E+08	1.61E+08 -	22.8	22.94
ENSG0000(ZNF276	protein_co chr16	89720400	89740903 +	5.56	6.34
ENSG0000(NPM2	protein_co chr8	22024125	22036897 +	0.2	0.49
ENSG0000(EDA	protein_co chrX	69616067	70039469 +	0.5	0.55
ENSG0000(FGF17	protein_co chr8	22042398	22048809 +	0.1	0.04
ENSG0000(VWA5B1	protein_co chr1	20290919	20354894 +	0.07	0.04
ENSG0000(CDA	protein_co chr1	20588948	20618908 +	2.87	2.94
ENSG0000(PINK1	protein_co chr1	20633455	20651511 +	41.44	41.28
ENSG0000(B4GALT3	protein_co chr1	1.61E+08	1.61E+08 -	12.5	15.62
ENSG0000(DMTN	protein_co chr8	22048995	22082527 +	2.1	3.07
ENSG0000(ADAMTS4	protein_co chr1	1.61E+08	1.61E+08 -	0.19	1.03
ENSG0000(FAM160B2	protein_co chr8	22089159	22104898 +	20.6	25.78
ENSG0000(NDUFS2	protein_co chr1	1.61E+08	1.61E+08 +	37.77	38.49
ENSG0000(SLC5A11	protein_co chr16	24845841	24911628 +	0.03	0
ENSG0000(FCER1G	protein_co chr1	1.61E+08	1.61E+08 +	0	0
ENSG0000(APOA2	protein_co chr1	1.61E+08	1.61E+08 -	0	0
ENSG0000(TOMM40L	protein_co chr1	1.61E+08	1.61E+08 +	4.55	3.65
ENSG0000(MPZ	protein_co chr1	1.61E+08	1.61E+08 -	0.59	0.73
ENSG0000(WFDC8	protein_co chr20	45551153	45579326 -	0.37	0.12
ENSG0000(CCAR2	protein_co chr8	22604632	22621514 +	30.87	34.83
ENSG0000(WNT9B	protein_co chr17	46833201	46886730 +	0.02	0.02
ENSG0000(CACHD1	protein_co chr1	64470792	64693058 +	4.07	4.09
ENSG0000(CDC42SE2	protein_co chr5	1.31E+08	1.31E+08 +	4.56	4.83
ENSG0000(RAPGEF6	protein_co chr5	1.31E+08	1.32E+08 -	4.33	3.77
ENSG0000(EPB41	protein_co chr1	28887091	29120046 +	2.33	2.06
ENSG0000(MIS18A	protein_co chr21	32268219	32279069 -	2.61	1.35
ENSG0000(ALG8	protein_co chr11	78100936	78139660 -	13.62	11.39
ENSG0000(FBXW5	protein_co chr9	1.37E+08	1.37E+08 -	36.83	35.95
ENSG0000(C21orf59	protein_co chr21	32592079	32612866 -	13.33	15.34
ENSG0000(SYNJ1	protein_co chr21	32628759	32728048 -	3.03	3.5
ENSG0000(PAXBP1	protein_co chr21	32733899	32771858 -	9.61	9.64
ENSG0000(IFNAR2	protein_co chr21	33229901	33265675 +	11.28	10.2
ENSG0000(MRPL10	protein_co chr17	47823272	47831534 -	18.78	22.48
ENSG0000(IFNGR2	protein_co chr21	33402896	33479348 +	35.15	35.35
ENSG0000(GART	protein_co chr21	33503931	33543491 -	22.07	23.31

ENSG0000(SON	protein_co chr21	33542618	33577481	+	55.4	56.67
ENSG0000(DONSON	protein_co chr21	33559542	33588708	-	3.65	6.49
ENSG0000(SV2A	protein_co chr1	1.5E+08	1.5E+08	-	6.84	6.12
ENSG0000(LAD1	protein_co chr1	2.01E+08	2.01E+08	-	0	0
ENSG0000(STC1	protein_co chr8	23841915	23854807	-	27.62	18.1
ENSG0000(TNNI1	protein_co chr1	2.01E+08	2.01E+08	-	0	0
ENSG0000(CSRP1	protein_co chr1	2.01E+08	2.02E+08	-	70.02	78.27
ENSG0000(PRAC1	protein_co chr17	48721719	48722522	-	0	0
ENSG0000(HOXB13	protein_co chr17	48724763	48729178	-	0	0
ENSG0000(AC007383.	processed_chr2	2.06E+08	2.06E+08	-	0	0
ENSG0000(C1QC	protein_co chr1	22643630	22648110	+	0	0
ENSG0000(KCNE2	protein_co chr21	34364024	34371389	+	0	0.06
ENSG0000(ATP5G1	protein_co chr17	48892765	48895871	+	63.77	53.6
ENSG0000(RCAN1	protein_co chr21	34513142	34615142	-	18.1	15.59
ENSG0000(UBE2Z	protein_co chr17	48908369	48929056	+	57.08	57.43
ENSG0000(CIART	protein_co chr1	1.5E+08	1.5E+08	+	16.44	14.82
ENSG0000(SNF8	protein_co chr17	48929316	48945117	-	58.08	60.98
ENSG0000(CLIC6	protein_co chr21	34669389	34718227	+	0	0.02
ENSG0000(CCDC24	protein_co chr1	43991359	43996528	+	3.98	3.71
ENSG0000(RUNX1	protein_co chr21	34787801	36004667	-	24.99	22.77
ENSG0000(IGF2BP1	protein_co chr17	48997412	49055650	+	0.92	0.51
ENSG0000(GIP	protein_co chr17	48958554	48968596	-	0.18	0.3
ENSG0000(CBR1	protein_co chr21	36069941	36073166	+	44.07	46.45
ENSG0000(CBR3	protein_co chr21	36134912	36146566	+	22.13	19.66
ENSG0000(C2orf81	protein_co chr2	74393836	74421662	-	0.03	0.04
ENSG0000(TUBBP5	transcribec chr9	1.38E+08	1.38E+08	+	0	0.28
ENSG0000(GJD2	protein_co chr15	34751032	34754965	-	0	0
ENSG0000(ACTC1	protein_co chr15	34788096	34796139	-	0	0
ENSG0000(MORC3	protein_co chr21	36320189	36386148	+	7.25	6.09
ENSG0000(CHAFF1B	protein_co chr21	36385378	36419015	+	1.4	0.84
ENSG0000(CLDN14	protein_co chr21	36460621	36576569	-	0.14	0.05
ENSG0000(SIM2	protein_co chr21	36699133	36749917	+	0.31	0.52
ENSG0000(HLCS	protein_co chr21	36750888	36990236	-	8.02	7.06
ENSG0000(GOLGA6A	protein_co chr15	74069857	74082550	-	0.07	0.05
ENSG0000(SCUBE1	protein_co chr22	43197283	43343388	-	0.01	0.04
ENSG0000(ARHGAP27	protein_co chr17	45393902	45434421	-	3.06	4.2
ENSG0000(ADPGK	protein_co chr15	72751369	72785846	-	27.77	28.39
ENSG0000(PTMS	protein_co chr12	6765516	6770952	+	255.63	292.82
ENSG0000(PLA2G4D	protein_co chr15	42067009	42094554	-	0	0.07
ENSG0000(PADI4	protein_co chr1	17308195	17364004	+	0	0
ENSG0000(ADIPOR1	protein_co chr1	2.03E+08	2.03E+08	-	47.72	43.89
ENSG0000(CYB5R1	protein_co chr1	2.03E+08	2.03E+08	-	27.76	25.23
ENSG0000(PSMD4	protein_co chr1	1.51E+08	1.51E+08	+	59.56	55.28
ENSG0000(ATP13A2	protein_co chr1	16985958	17011928	-	7.9	7.43
ENSG0000(M1AP	protein_co chr2	74557883	74648338	-	0.17	0.47

ENSG0000(PSMB4	protein_co chr1	1.51E+08	1.51E+08 +	137.86	133.17
ENSG0000(IRX6	protein_co chr16	55323760	55330760 +	0	0
ENSG0000(BTG2	protein_co chr1	2.03E+08	2.03E+08 +	21.19	21.95
ENSG0000(CES5A	protein_co chr16	55846154	55956031 -	0	0
ENSG0000(HK2	protein_co chr2	74833981	74893359 +	34.57	32.05
ENSG0000(C1R	protein_co chr12	7080209	7092607 -	1469.7	1369.16
ENSG0000(CELF3	protein_co chr1	1.52E+08	1.52E+08 -	0	0
ENSG0000(ALDH4A1	protein_co chr1	18871430	18902781 -	3.94	4.59
ENSG0000(STARD9	protein_co chr15	42575659	42720981 +	3.1	3.41
ENSG0000(THEM4	protein_co chr1	1.52E+08	1.52E+08 -	9.48	10.35
ENSG0000(TCHH	protein_co chr1	1.52E+08	1.52E+08 -	0	0.01
ENSG0000(LCE2B	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(UBR1	protein_co chr15	42942897	43106113 -	4.82	4.76
ENSG0000(AMFR	protein_co chr16	56361452	56425538 -	47.26	41.2
ENSG0000(MED8	protein_co chr1	43383917	43389808 -	17.04	15.43
ENSG0000(TGM7	protein_co chr15	43276280	43302255 -	0	0
ENSG0000(RGL4	protein_co chr22	23688136	23699176 +	0.02	0
ENSG0000(SPRR2G	protein_co chr1	1.53E+08	1.53E+08 -	0	0
ENSG0000(PGLYRP3	protein_co chr1	1.53E+08	1.53E+08 -	0	0
ENSG0000(ISL2	protein_co chr15	76336724	76342476 +	0	0
ENSG0000(RSPRY1	protein_co chr16	57186137	57240475 +	17.07	13.77
ENSG0000(CCDC17	protein_co chr1	45620044	45624057 -	0.54	0.07
ENSG0000(GPBP1L1	protein_co chr1	45627304	45688113 -	27.53	21.48
ENSG0000(NAE1	protein_co chr16	66802875	66873256 -	18.1	19.41
ENSG0000(TMEM69	protein_co chr1	45687214	45694443 +	14.92	13.62
ENSG0000(ADGRG5	protein_co chr16	57542421	57591681 +	0.02	0.04
ENSG0000(DRC7	protein_co chr16	57694793	57731805 +	0	0.16
ENSG0000(ACE	protein_co chr17	63477061	63498380 +	8.4	7.88
ENSG0000(TEPP	protein_co chr16	57976435	57988116 +	0.02	0
ENSG0000(UROC1	protein_co chr3	1.26E+08	1.27E+08 -	0	0
ENSG0000(EFCAB14	protein_co chr1	46675159	46719064 -	24.24	26.93
ENSG0000(SPON2	protein_co chr4	1166932	1208962 -	36.71	54.76
ENSG0000(CHCHD6	protein_co chr3	1.27E+08	1.27E+08 +	7.71	9.82
ENSG0000(CTBP1	protein_co chr4	1211448	1249953 -	52.59	60.88
ENSG0000(LRRC36	protein_co chr16	67326798	67385203 +	0.01	0
ENSG0000(ANKRD18C	unprocessε chr9	97156570	97221235 -	0.04	0.02
ENSG0000(TPPP3	protein_co chr16	67389809	67393535 -	0.17	0.19
ENSG0000(ZDHHC1	protein_co chr16	67394419	67416833 -	7.23	8.37
ENSG0000(ATP6V0D1	protein_co chr16	67438014	67481237 -	57.49	59.65
ENSG0000(AGRP	protein_co chr16	67482571	67483813 -	0	0
ENSG0000(ZFYVE28	protein_co chr4	2269582	2418663 -	2.86	2.76
ENSG0000(CARMIL2	protein_co chr16	67644919	67657569 +	0.45	0.29
ENSG0000(C16orf86	protein_co chr16	67666816	67668758 +	2.58	2.21
ENSG0000(PIP	protein_co chr7	1.43E+08	1.43E+08 +	2.52	1.45
ENSG0000(FAM131B	protein_co chr7	1.43E+08	1.43E+08 -	0.36	0.69

ENSG0000(RGS12	protein_co chr4	3293028	3439913	+	7.21	9
ENSG0000(PSKH1	protein_co chr16	67893272	67929678	+	13.06	14.09
ENSG0000(ZYX	protein_co chr7	1.43E+08	1.43E+08	+	130.46	140.27
ENSG0000(ABR	protein_co chr17	1003518	1229021	-	32.55	34.67
ENSG0000(TCAF2P1	unprocessε chr7	1.44E+08	1.44E+08	+	0.31	0.06
ENSG0000(LYPD5	protein_co chr19	43795929	43827206	-	0.15	0.37
ENSG0000(CCDC117	protein_co chr22	28772674	28789301	+	7.06	5.86
ENSG0000(ZNF230	protein_co chr19	44002948	44013926	+	1.7	1.61
ENSG0000(CCDC107	protein_co chr9	35658290	35661511	+	13.23	14.17
ENSG0000(ZNF222	protein_co chr19	44025342	44033112	+	2.2	2.81
ENSG0000(NPR2	protein_co chr9	35792154	35809732	+	17.86	18.21
ENSG0000(ZNF890P	transcribec chr7	5121239	5144546	-	0.08	0.07
ENSG0000(ZNF221	protein_co chr19	43951223	43967709	+	1.43	0.94
ENSG0000(ZNF233	protein_co chr19	44259880	44275317	+	0.63	0.17
ENSG0000(ZNF235	protein_co chr19	44228729	44305046	-	1.56	2.12
ENSG0000(GNE	protein_co chr9	36214441	36277056	-	6.42	6.67
ENSG0000(TNFRSF13C	protein_co chr22	41922023	41926818	-	0.1	0.1
ENSG0000(OR3A3	protein_co chr17	3420568	3421533	+	0	0
ENSG0000(ARHGAP35	protein_co chr19	46918676	47005077	+	22.44	23.21
ENSG0000(PTGIR	protein_co chr19	46620468	46625118	-	4.69	3.23
ENSG0000(CALM3	protein_co chr19	46601074	46610793	+	114.66	119.07
ENSG0000(DFFA	protein_co chr1	10456522	10472526	-	12.43	13.24
ENSG0000(CCDC28B	protein_co chr1	32200386	32205387	+	4.95	3.89
ENSG0000(IQCC	protein_co chr1	32205661	32208687	+	1.25	1.31
ENSG0000(TMEM234	protein_co chr1	32214472	32222359	-	15.45	14.11
ENSG0000(BSDC1	protein_co chr1	32365103	32394731	-	47.5	44.57
ENSG0000(ZBTB8A	protein_co chr1	32539427	32605939	+	2.43	2.6
ENSG0000(ATAD3B	protein_co chr1	1471769	1497848	+	6.6	5.78
ENSG0000(SSU72	protein_co chr1	1541673	1574869	-	49.37	51.67
ENSG0000(UBE2J2	protein_co chr1	1253909	1273885	-	19.14	20.99
ENSG0000(ZNF362	protein_co chr1	33256545	33300719	+	9.95	10.82
ENSG0000(FNDC5	protein_co chr1	32862268	32872482	-	5.22	8.03
ENSG0000(CPAMD8	protein_co chr19	16892947	17026815	-	1.75	2.06
ENSG0000(NR2F6	protein_co chr19	17231883	17245940	-	11.14	11.69
ENSG0000(ANKLE1	protein_co chr19	17281645	17287646	+	0.18	0.16
ENSG0000(CCDC58	protein_co chr3	1.22E+08	1.22E+08	-	9.49	11.26
ENSG0000(VMA21	protein_co chrX	1.51E+08	1.51E+08	+	4.06	4.04
ENSG0000(KALRN	protein_co chr3	1.24E+08	1.25E+08	+	0.55	0.83
ENSG0000(CILP2	protein_co chr19	19538248	19546659	+	0.08	0.14
ENSG0000(FAM86C2P	transcribec chr11	67791648	67805336	-	1.74	1.31
ENSG0000(ABCG1	protein_co chr21	42199689	42297244	+	0.62	1.11
ENSG0000(TFF3	protein_co chr21	42311667	42315651	-	0	0
ENSG0000(TFF2	protein_co chr21	42346357	42351128	-	0	0
ENSG0000(TFF1	protein_co chr21	42362282	42366594	-	0	0
ENSG0000(TMPRS3	protein_co chr21	42371890	42396846	-	0	0

ENSG0000(UBASH3A	protein_co chr21	42403447	42447681	+	0	0
ENSG0000(RSPH1	protein_co chr21	42472486	42496354	-	0.07	0.35
ENSG0000(SLC37A1	protein_co chr21	42496008	42581440	+	1.75	1.71
ENSG0000(PDE9A	protein_co chr21	42653636	42775509	+	0	0
ENSG0000(WDR4	protein_co chr21	42843094	42879568	-	4.33	4.2
ENSG0000(NDUFV3	protein_co chr21	42879644	42913304	+	9.45	8.68
ENSG0000(PKNOX1	protein_co chr21	42974510	43033931	+	3.88	4.94
ENSG0000(CBS	protein_co chr21	43053191	43076943	-	26.5	32.29
ENSG0000(U2AF1	protein_co chr21	43092956	43107587	-	12.12	10.16
ENSG0000(CRYAA	protein_co chr21	43169008	43172805	+	0	0
ENSG0000(HSF2BP	protein_co chr21	43529192	43659493	-	0.32	0.68
ENSG0000(RRP1B	protein_co chr21	43659548	43696079	+	5.16	5.2
ENSG0000(PDXK	protein_co chr21	43719094	43762307	+	53.64	53.45
ENSG0000(G6PD	protein_co chrX	1.55E+08	1.55E+08	-	89.56	97.82
ENSG0000(CSTB	protein_co chr21	43772511	43776445	-	51.32	51.75
ENSG0000(RRP1	protein_co chr21	43789513	43805293	+	9.2	6.87
ENSG0000(AGPAT3	protein_co chr21	43865186	43986536	+	17.16	15.9
ENSG0000(TRAPPC10	protein_co chr21	44012319	44106552	+	9.17	9.47
ENSG0000(GAB3	protein_co chrX	1.55E+08	1.55E+08	-	1.6	0.84
ENSG0000(C21orf33	protein_co chr21	44133605	44145723	+	18.14	19.5
ENSG0000(ICOSLG	protein_co chr21	44222991	44240966	-	0.05	0.09
ENSG0000(AIRE	protein_co chr21	44285838	44298648	+	0	0
ENSG0000(C21orf2	protein_co chr21	44328944	44339402	-	8.49	9.03
ENSG0000(ZNF66	protein_co chr19	20776304	20807322	+	0.17	0.07
ENSG0000(LRRC3	protein_co chr21	44455486	44462196	+	0.35	0.28
ENSG0000(ITGB2	protein_co chr21	44885953	44931989	-	0.21	0.59
ENSG0000(FAM207A	protein_co chr21	44940010	44976989	+	8.38	10.06
ENSG0000(RALGDS	protein_co chr9	1.33E+08	1.33E+08	-	16.47	18.03
ENSG0000(FTCD	protein_co chr21	46136262	46155567	-	0.21	0.16
ENSG0000(SPATC1L	protein_co chr21	46161148	46184476	-	11.34	10.35
ENSG0000(LSS	protein_co chr21	46188141	46228824	-	79.74	82.86
ENSG0000(VAV2	protein_co chr9	1.34E+08	1.34E+08	-	6.02	5.46
ENSG0000(MCM3AP	protein_co chr21	46235126	46286297	-	20.63	22.59
ENSG0000(C21orf58	protein_co chr21	46300181	46323875	-	1.62	1.15
ENSG0000(PCNT	protein_co chr21	46324122	46445769	+	7.59	6.9
ENSG0000(DIP2A	protein_co chr21	46458899	46569852	+	8.41	6.5
ENSG0000(S100B	protein_co chr21	46598962	46605208	-	0.08	0
ENSG0000(PRMT2	protein_co chr21	46635167	46665124	+	65.29	63.16
ENSG0000(CLDND2	protein_co chr19	51367098	51369003	-	0	0.71
ENSG0000(ZNF208	protein_co chr19	21932958	22010949	-	0	0.45
ENSG0000(ADAMTS13	protein_co chr9	1.33E+08	1.33E+08	+	2.6	2.57
ENSG0000(CACFD1	protein_co chr9	1.33E+08	1.33E+08	+	12.16	8.84
ENSG0000(SLC2A6	protein_co chr9	1.33E+08	1.33E+08	-	5.87	4.79
ENSG0000(ZNF761	protein_co chr19	53431993	53458261	+	3.72	4.89
ENSG0000(FCN2	protein_co chr9	1.35E+08	1.35E+08	+	0	0

ENSG0000(C9orf116	protein_co chr9	1.35E+08	1.36E+08	-	3.16	3.06
ENSG0000(LCN1	protein_co chr9	1.36E+08	1.36E+08	+	0	0
ENSG0000(ZNF714	protein_co chr19	21082159	21125270	+	1.37	1.09
ENSG0000(GPSM1	protein_co chr9	1.36E+08	1.36E+08	+	12.58	13.5
ENSG0000(C19orf47	protein_co chr19	40319536	40348527	-	4.29	4.27
ENSG0000(HIPK4	protein_co chr19	40379271	40390187	-	0.29	0.15
ENSG0000(CFAP157	protein_co chr9	1.28E+08	1.28E+08	+	0.03	0.17
ENSG0000(TOR2A	protein_co chr9	1.28E+08	1.28E+08	-	3.85	4.14
ENSG0000(ST6GALNA	protein_co chr9	1.28E+08	1.28E+08	-	42.16	40.37
ENSG0000(SHKBP1	protein_co chr19	40576851	40591399	+	19.74	19.38
ENSG0000(RDH13	protein_co chr19	55039108	55071291	-	4.33	4.04
ENSG0000(ZER1	protein_co chr9	1.29E+08	1.29E+08	-	19.97	22.64
ENSG0000(ZDHHC12	protein_co chr9	1.29E+08	1.29E+08	-	21.28	20.62
ENSG0000(PKN3	protein_co chr9	1.29E+08	1.29E+08	+	1	1.55
ENSG0000(SPTBN4	protein_co chr19	40466241	40576464	+	0.63	1.16
ENSG0000(BRSK1	protein_co chr19	55282072	55312533	+	5.45	2.98
ENSG0000(COX6B2	protein_co chr19	55349306	55354814	-	0.53	0.42
ENSG0000(TMEM190	protein_co chr19	55376836	55378244	+	0.24	0.52
ENSG0000(NLRP4	protein_co chr19	55836578	55881854	+	0	0
ENSG0000(PLPP7	protein_co chr9	1.31E+08	1.31E+08	+	2.28	2.69
ENSG0000(TAOK1	protein_co chr17	29390464	29551904	+	15.51	13.86
ENSG0000(MED27	protein_co chr9	1.32E+08	1.32E+08	-	10.95	9.85
ENSG0000(DEDD2	protein_co chr19	42198598	42220140	-	12.69	10.85
ENSG0000(SIK3	protein_co chr11	1.17E+08	1.17E+08	-	13.83	12.83
ENSG0000(MPZL3	protein_co chr11	1.18E+08	1.18E+08	-	0.63	0.55
ENSG0000(JAML	protein_co chr11	1.18E+08	1.18E+08	-	0	0
ENSG0000(NEK8	protein_co chr17	28725897	28743455	+	3.02	2.18
ENSG0000(TLCD1	protein_co chr17	28724348	28727935	-	4.42	4.19
ENSG0000(PCSK7	protein_co chr11	1.17E+08	1.17E+08	-	20.33	23.54
ENSG0000(SAFB	protein_co chr19	5623035	5668478	+	27.21	30.22
ENSG0000(CD3G	protein_co chr11	1.18E+08	1.18E+08	+	0.12	0.04
ENSG0000(S100A1	protein_co chr1	1.54E+08	1.54E+08	+	0	0.13
ENSG0000(HTOP	protein_co chr1	1.54E+08	1.54E+08	+	21.14	20.67
ENSG0000(CXCR5	protein_co chr11	1.19E+08	1.19E+08	+	0	0.01
ENSG0000(ZBTB7B	protein_co chr1	1.55E+08	1.55E+08	+	11.75	12.54
ENSG0000(FLAD1	protein_co chr1	1.55E+08	1.55E+08	+	9.25	11.06
ENSG0000(SHC1	protein_co chr1	1.55E+08	1.55E+08	-	148.84	146.27
ENSG0000(VPS11	protein_co chr11	1.19E+08	1.19E+08	+	15.11	15.84
ENSG0000(NLRX1	protein_co chr11	1.19E+08	1.19E+08	+	8.67	9.37
ENSG0000(ADAR	protein_co chr1	1.55E+08	1.55E+08	-	44.04	43.13
ENSG0000(IL6R	protein_co chr1	1.54E+08	1.54E+08	+	1.46	1.86
ENSG0000(UBE2Q1	protein_co chr1	1.55E+08	1.55E+08	-	38.82	53.91
ENSG0000(CHRNB2	protein_co chr1	1.55E+08	1.55E+08	+	0.05	0.21
ENSG0000(CRTC2	protein_co chr1	1.54E+08	1.54E+08	-	14.09	13.79
ENSG0000(ANO10	protein_co chr3	43354859	43691594	-	26.29	26.98

ENSG0000(FDPS	protein_co chr1	1.55E+08	1.55E+08 +	82.01	79.9
ENSG0000(RUSC1	protein_co chr1	1.55E+08	1.55E+08 +	13.53	12.38
ENSG0000(GBAP1	transcribec chr1	1.55E+08	1.55E+08 -	4.13	7.04
ENSG0000(FAM189B	protein_co chr1	1.55E+08	1.55E+08 -	18.43	19.29
ENSG0000(PAQR6	protein_co chr1	1.56E+08	1.56E+08 -	1.89	1.75
ENSG0000(PMF1	protein_co chr1	1.56E+08	1.56E+08 +	21.65	22.8
ENSG0000(SLC25A44	protein_co chr1	1.56E+08	1.56E+08 +	7.81	9.03
ENSG0000(LMNA	protein_co chr1	1.56E+08	1.56E+08 +	245.16	241.97
ENSG0000(CCR5	protein_co chr3	46370854	46376206 +	0	0
ENSG0000(NBEAL2	protein_co chr3	46979683	47009703 +	1.98	1.62
ENSG0000(CCDC12	protein_co chr3	46921726	46982010 -	15.31	14.39
ENSG0000(PTH1R	protein_co chr3	46877746	46903799 +	0.03	0.1
ENSG0000(UBQLN4	protein_co chr1	1.56E+08	1.56E+08 -	8.96	10.51
ENSG0000(MYL3	protein_co chr3	46857872	46882169 -	0	0
ENSG0000(PPP1R35	protein_co chr7	1E+08	1E+08 -	10.49	8.75
ENSG0000(GPATCH4	protein_co chr1	1.57E+08	1.57E+08 -	7.62	6.34
ENSG0000(LRRC71	protein_co chr1	1.57E+08	1.57E+08 +	0.11	0.31
ENSG0000(FCRL3	protein_co chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(AZGP1	protein_co chr7	99966720	99976157 -	0.14	0
ENSG0000(FGFR4	protein_co chr5	1.77E+08	1.77E+08 +	0.77	0.93
ENSG0000(CYP3A4	protein_co chr7	99756960	99784265 -	0	0
ENSG0000(CYP3A7	protein_co chr7	99705037	99735196 -	0	0.13
ENSG0000(NACC1	protein_co chr19	13118103	13141141 +	19	16.52
ENSG0000(CYP11B1	protein_co chr8	1.43E+08	1.43E+08 -	0	0
ENSG0000(HK3	protein_co chr5	1.77E+08	1.77E+08 -	0.04	0
ENSG0000(LY6K	protein_co chr8	1.43E+08	1.43E+08 +	0.09	0.2
ENSG0000(IER2	protein_co chr19	13150415	13154908 +	14.4	13.91
ENSG0000(ZNF394	protein_co chr7	99486519	99500324 -	6.35	7.4
ENSG0000(CPSF4	protein_co chr7	99438922	99457371 +	25.76	24.5
ENSG0000(LY6E	protein_co chr8	1.43E+08	1.43E+08 +	386.65	340.36
ENSG0000(VPS28	protein_co chr8	1.44E+08	1.44E+08 -	54.61	60.46
ENSG0000(TONSL	protein_co chr8	1.44E+08	1.44E+08 -	0.8	0.99
ENSG0000(PTGER1	protein_co chr19	14472466	14475362 -	0.45	0.22
ENSG0000(MUM1	protein_co chr19	1354711	1378431 +	19.19	21.57
ENSG0000(RECQL4	protein_co chr8	1.45E+08	1.45E+08 -	1.08	1.81
ENSG0000(LRRC14	protein_co chr8	1.45E+08	1.45E+08 +	7.7	7.55
ENSG0000(ZNF333	protein_co chr19	14689801	14733746 +	5.35	4.74
ENSG0000(COL26A1	protein_co chr7	1.01E+08	1.02E+08 +	0	0
ENSG0000(PPP1R16A	protein_co chr8	1.44E+08	1.45E+08 +	12.77	18.44
ENSG0000(FOXH1	protein_co chr8	1.44E+08	1.44E+08 -	0.11	0.1
ENSG0000(ORAI2	protein_co chr7	1.02E+08	1.02E+08 +	15.21	16.1
ENSG0000(ALKBH4	protein_co chr7	1.02E+08	1.02E+08 -	6.41	5.05
ENSG0000(CCDC105	protein_co chr19	15010744	15023269 +	0	0
ENSG0000(SH2B2	protein_co chr7	1.02E+08	1.02E+08 +	1.08	0.68
ENSG0000(MRNIP	protein_co chr5	1.8E+08	1.8E+08 -	7.6	7.7

ENSG0000(SQSTM1	protein_co chr5	1.8E+08	1.8E+08 +	768.71	788.04
ENSG0000(MGAT4B	protein_co chr5	1.8E+08	1.8E+08 -	175.14	183.77
ENSG0000(RPL8	protein_co chr8	1.45E+08	1.45E+08 -	817.49	812.21
ENSG0000(MAML1	protein_co chr5	1.8E+08	1.8E+08 +	11.5	9.9
ENSG0000(PGLYRP2	protein_co chr19	15468645	15498956 -	0	0
ENSG0000(LRWD1	protein_co chr7	1.02E+08	1.02E+08 +	6.66	7.76
ENSG0000(FBXL13	protein_co chr7	1.03E+08	1.03E+08 -	0.55	0.65
ENSG0000(NAPEPLD	protein_co chr7	1.03E+08	1.03E+08 -	4.75	6.38
ENSG0000(SCGB3A1	protein_co chr5	1.81E+08	1.81E+08 -	0	0
ENSG0000(PSMC2	protein_co chr7	1.03E+08	1.03E+08 +	48.8	55.04
ENSG0000(CELF5	protein_co chr19	3224703	3297076 +	0.12	0.03
ENSG0000(MFSD12	protein_co chr19	3538261	3574290 -	17.8	17.23
ENSG0000(AC008132.	transcribed chr22	18846811	18861049 +	0.03	0.04
ENSG0000(XXbac-B44.	unprocessed chr22	20299760	20313216 +	0	0
ENSG0000(USP41	protein_co chr22	20350578	20390758 -	0	0
ENSG0000(TUBA3FP	processed_chr22	21008193	21014292 -	1.21	1.05
ENSG0000(YDJC	protein_co chr22	21628089	21630064 -	10.15	8.84
ENSG0000(CCDC116	protein_co chr22	21632716	21637327 +	0.09	0.03
ENSG0000(DVL3	protein_co chr3	1.84E+08	1.84E+08 +	33.33	35.61
ENSG0000(AP2M1	protein_co chr3	1.84E+08	1.84E+08 +	251.27	262.25
ENSG0000(ABCF3	protein_co chr3	1.84E+08	1.84E+08 +	20.25	19
ENSG0000(PCYT1A	protein_co chr3	1.96E+08	1.96E+08 -	21.45	19.78
ENSG0000(FBXO27	protein_co chr19	38990714	39032785 -	3.85	1.57
ENSG0000(DMKN	protein_co chr19	35497220	35513658 -	100.11	99.97
ENSG0000(U2AF1L4	protein_co chr19	35742464	35745445 -	6.58	10.58
ENSG0000(BDH1	protein_co chr3	1.98E+08	1.98E+08 -	5.11	3.14
ENSG0000(NPHS1	protein_co chr19	35825964	35869287 -	0	0
ENSG0000(THAP8	protein_co chr19	36034985	36054762 -	8.46	7.86
ENSG0000(COX7A1	protein_co chr19	36150922	36152869 -	11.15	9.07
ENSG0000(ZNF382	protein_co chr19	36604817	36634113 +	1.25	1.11
ENSG0000(LRRC56	protein_co chr11	537527	554916 +	0.33	0.43
ENSG0000(PLXDC1	protein_co chr17	39063303	39154394 -	0.02	0.44
ENSG0000(PGAP3	protein_co chr17	39671122	39696797 -	7.78	7.96
ENSG0000(IKZF3	protein_co chr17	39757715	39864188 -	0.1	0.15
ENSG0000(GRIN2C	protein_co chr17	74842023	74861504 -	0.03	0.01
ENSG0000(FDXR	protein_co chr17	74862497	74873031 -	23.19	24.67
ENSG0000(SAP30BP	protein_co chr17	75667116	75708062 +	30.66	26.69
ENSG0000(ACOX1	protein_co chr17	75941507	75979363 -	10.21	11.09
ENSG0000(PRPSAP1	protein_co chr17	76309486	76384521 -	21.51	25.25
ENSG0000(CYGB	protein_co chr17	76527356	76551175 -	73.11	77.15
ENSG0000(SRSF2	protein_co chr17	76734115	76737374 -	41.07	48
ENSG0000(ZNF577	protein_co chr19	51804816	51890950 -	8.45	9.54
ENSG0000(TMEM143	protein_co chr19	48332356	48364237 -	2.82	3.36
ENSG0000(KLHL10	protein_co chr17	41835685	41848384 +	0.14	0.06
ENSG0000(CCDC155	protein_co chr19	49388218	49417994 +	0	0

ENSG0000(HCRT	protein_co chr17	42184060	42185452	-	0	0
ENSG0000(ALDH16A1	protein_co chr19	49453169	49471048	+	5.44	7.82
ENSG0000(DCD	protein_co chr12	54644591	54648493	-	0	0
ENSG0000(ITGA5	protein_co chr12	54395261	54419460	-	189.31	164.04
ENSG0000(SIGLEC11	protein_co chr19	49948985	49961172	-	0.02	0
ENSG0000(ZNF385A	protein_co chr12	54369133	54391298	-	9.85	9.61
ENSG0000(SIGLEC16	transcribec chr19	49969673	49975814	+	0	0
ENSG0000(MPP3	protein_co chr17	43800799	43833170	-	2.48	2.36
ENSG0000(CD300LG	protein_co chr17	43847148	43863629	+	0.04	0.11
ENSG0000(IZUMO2	protein_co chr19	50152548	50163195	-	0.29	0
ENSG0000(NAGS	protein_co chr17	44004546	44009063	+	0.83	0.75
ENSG0000(LSM12	protein_co chr17	44034635	44067619	-	18.5	17.52
ENSG0000(ASB16	protein_co chr17	44170447	44179083	+	0.06	0.03
ENSG0000(EMC10	protein_co chr19	50476400	50490870	+	59.47	64.83
ENSG0000(JOSD2	protein_co chr19	50505998	50511353	-	31.12	27.2
ENSG0000(SHANK1	protein_co chr19	50661827	50719450	-	1.02	0.87
ENSG0000(FAM171A2	protein_co chr17	44353215	44363875	-	4.14	4.52
ENSG0000(DBF4B	protein_co chr17	44708608	44752264	+	2.42	1.83
ENSG0000(PLCD3	protein_co chr17	45108967	45133354	-	51.49	68.07
ENSG0000(FMNL3	protein_co chr12	49636499	49708165	-	7.6	7.86
ENSG0000(AQP5	protein_co chr12	49961870	49965681	+	0.36	0.26
ENSG0000(RACGAP1	protein_co chr12	49976923	50033136	-	6.51	4.9
ENSG0000(OR7G1	protein_co chr19	9114828	9115763	-	0	0
ENSG0000(LARP4	protein_co chr12	50392383	50480004	+	11.39	12.88
ENSG0000(GRASP	protein_co chr12	52006940	52015889	+	14.35	13.11
ENSG0000(RAVER1	protein_co chr19	10316212	10333640	-	10.28	10.62
ENSG0000(KRT84	protein_co chr12	52377812	52385652	-	0	0
ENSG0000(KRT82	protein_co chr12	52393931	52406355	-	0	0
ENSG0000(SYCE2	protein_co chr19	12898786	12919276	-	0.14	0.49
ENSG0000(SPC24	protein_co chr19	11131520	11155808	-	0.79	0.54
ENSG0000(IP6K3	protein_co chr6	33721670	33746905	-	0	0
ENSG0000(LEMD2	protein_co chr6	33771202	33789136	-	23.07	23.14
ENSG0000(ALOX15	protein_co chr17	4630902	4642294	-	0.02	0.07
ENSG0000(TREML1	protein_co chr6	41149342	41154337	-	0	0
ENSG0000(ADCY10P1	transcribec chr6	41101022	41140835	+	0.16	0.29
ENSG0000(ZNF653	protein_co chr19	11483427	11505923	-	2.84	2.78
ENSG0000(MED11	protein_co chr17	4731428	4733610	+	11.25	12.44
ENSG0000(CXCL16	protein_co chr17	4733526	4739922	-	16.81	12.3
ENSG0000(SCIMP	protein_co chr17	5208961	5234860	-	0.03	0.23
ENSG0000(RNASEK-C1	protein_co chr17	7012635	7017520	+	1.15	0.73
ENSG0000(BCL6B	protein_co chr17	7023020	7030290	+	0.17	0.08
ENSG0000(ASGR2	protein_co chr17	7101322	7115700	-	0	0
ENSG0000(TNFSF13	protein_co chr17	7558292	7561608	+	6.41	5.56
ENSG0000(SENP3	protein_co chr17	7561875	7571969	+	18.7	18.82
ENSG0000(FGF11	protein_co chr17	7438273	7444937	+	6.65	6.11

ENSG0000(EIF4A1	protein_co chr17	7572706	7579005 +	326.36	335.35
ENSG0000(RPL26	protein_co chr17	8377520	8383213 -	1124.5	1126.54
ENSG0000(CCDC42	protein_co chr17	8729934	8745219 -	0.17	0
ENSG0000(POLR3K	protein_co chr16	46407	53628 -	4.57	4.78
ENSG0000(SNRNP25	protein_co chr16	53010	57669 +	14.93	14.46
ENSG0000(PRR35	protein_co chr16	560422	565528 +	0	0
ENSG0000(WDR90	protein_co chr16	649311	667833 +	9.2	8.41
ENSG0000(JMJD8	protein_co chr16	681671	684528 -	41.01	40.89
ENSG0000(CCDC78	protein_co chr16	722582	726954 -	1.71	1.12
ENSG0000(MSLNL	protein_co chr16	769428	783370 -	0	0
ENSG0000(SSTR5	protein_co chr16	1078781	1080142 +	0	0
ENSG0000(SPSB3	protein_co chr16	1776712	1793700 -	18.03	18.2
ENSG0000(MEIOB	protein_co chr16	1833983	1884294 -	0	0
ENSG0000(HS3ST6	protein_co chr16	1911463	1918440 -	0	0
ENSG0000(C16orf59	protein_co chr16	2460080	2464963 +	0.27	0.66
ENSG0000(CCNF	protein_co chr16	2429394	2458854 +	0.74	0.73
ENSG0000(TBC1D24	protein_co chr16	2475051	2509560 +	3.16	4.82
ENSG0000(AMDHD2	protein_co chr16	2520357	2531422 +	46.43	45.15
ENSG0000(NTN3	protein_co chr16	2471499	2474145 +	0.08	0.19
ENSG0000(BICDL2	protein_co chr16	3027682	3036926 -	0.22	0.1
ENSG0000(PAQR4	protein_co chr16	2969245	2973489 +	0.71	0.97
ENSG0000(FLYWCH2	protein_co chr16	2883186	2899382 +	22.2	23.02
ENSG0000(ZG16B	protein_co chr16	2830169	2839585 +	0	0
ENSG0000(ZNF75A	protein_co chr16	3305406	3318852 +	8.32	9.17
ENSG0000(ADCY9	protein_co chr16	3953387	4116185 -	8.74	8.32
ENSG0000(SHANK2	protein_co chr11	70467856	71252577 -	0.46	0.88
ENSG0000(CLPB	protein_co chr11	72292425	72434680 -	2.39	3.3
ENSG0000(NEU3	protein_co chr11	74988134	75018893 +	2.28	2.02
ENSG0000(CYB561A3	protein_co chr11	61348745	61362299 -	277.23	336.33
ENSG0000(PPP1R32	protein_co chr11	61481120	61490931 +	1.62	0.82
ENSG0000(ASRGL1	protein_co chr11	62337448	62393412 +	0.06	0.19
ENSG0000(GNG3	protein_co chr11	62707658	62709201 +	0	0.16
ENSG0000(UBXN1	protein_co chr11	62676498	62679117 -	66.93	67.99
ENSG0000(LBHD1	protein_co chr11	62662817	62672255 -	3.77	2.29
ENSG0000(TTC9C	protein_co chr11	62728069	62740293 +	17.37	16.01
ENSG0000(TAF6L	protein_co chr11	62771303	62787342 +	10.72	10.23
ENSG0000(NXF1	protein_co chr11	62792123	62806302 -	23.63	24.56
ENSG0000(STX5	protein_co chr11	62806897	62832088 -	23.64	23.54
ENSG0000(SLC25A45	protein_co chr11	65375192	65383701 -	3.22	3.65
ENSG0000(RPL29	protein_co chr3	51993600	51995942 -	605.54	616.99
ENSG0000(ITIH3	protein_co chr3	52794768	52809009 +	0	0.03
ENSG0000(SYVN1	protein_co chr11	65121780	65134533 -	16.8	16.93
ENSG0000(ZFPL1	protein_co chr11	65084223	65088400 +	23.38	24.04
ENSG0000(RPS6KA4	protein_co chr11	64359148	64372215 +	17.97	18.48
ENSG0000(LRP5	protein_co chr11	68312609	68449275 +	3.93	4.12

ENSG0000(TPCN2	protein_co chr11	69048897	69162440	+	4.99	4.17
ENSG0000(FGF19	protein_co chr11	69698232	69704642	-	0	0
ENSG0000(CYP4A22	protein_co chr1	47137435	47149741	+	0	0
ENSG0000(PDZK1IP1	protein_co chr1	47183593	47191044	-	1.88	3.26
ENSG0000(TAL1	protein_co chr1	47216290	47232220	-	0	0.7
ENSG0000(CMPK1	protein_co chr1	47333797	47378839	+	33.93	34.96
ENSG0000(BEND5	protein_co chr1	48727523	48776969	-	0.71	0.3
ENSG0000(ELAVL4	protein_co chr1	50048014	50203786	+	0	0
ENSG0000(COA7	protein_co chr1	52684451	52698366	-	7.6	8.14
ENSG0000(ZYG11B	protein_co chr1	52726467	52827342	+	8.97	10.6
ENSG0000(SLC1A7	protein_co chr1	53087179	53142632	-	0.13	0.07
ENSG0000(C1orf123	protein_co chr1	53214099	53220617	-	36.05	38.26
ENSG0000(MAGOH	protein_co chr1	53226892	53238610	-	15.84	15.26
ENSG0000(ACOT11	protein_co chr1	54542257	54639192	+	1.46	1.61
ENSG0000(FAM151A	protein_co chr1	54609182	54623556	-	0	0
ENSG0000(PARS2	protein_co chr1	54756898	54764514	-	2.74	2.04
ENSG0000(LEXM	protein_co chr1	54806063	54842252	+	0	0
ENSG0000(BSND	protein_co chr1	54998933	55010883	+	0	0
ENSG0000(USP24	protein_co chr1	55066359	55215113	-	8.57	9.82
ENSG0000(PLPP3	protein_co chr1	56494747	56645301	-	40.47	43.14
ENSG0000(NOL9	protein_co chr1	6521347	6554535	-	3.26	2.14
ENSG0000(PRKAA2	protein_co chr1	56645322	56715335	+	0.04	0.02
ENSG0000(KLHL21	protein_co chr1	6590724	6614607	-	27.42	30.84
ENSG0000(ZSWIM5	protein_co chr1	45016399	45306209	-	0.92	0.76
ENSG0000(GMEB1	protein_co chr1	28668732	28719353	+	2.76	2.72
ENSG0000(SLC45A1	protein_co chr1	8317826	8344167	+	1.27	1.52
ENSG0000(SELENON	protein_co chr1	25800176	25818224	+	61.28	63.89
ENSG0000(AK4	protein_co chr1	65147549	65232145	+	31.23	30.38
ENSG0000(JAK1	protein_co chr1	64833229	64966504	-	68.06	68.23
ENSG0000(RAVER2	protein_co chr1	64745095	64833232	+	1.93	1.83
ENSG0000(CTRC	protein_co chr1	15438439	15449242	+	0.06	0.38
ENSG0000(LZIC	protein_co chr1	9922113	9943407	-	10.07	10.79
ENSG0000(RBP7	protein_co chr1	9997206	10016020	+	0.64	0.94
ENSG0000(KNCN	protein_co chr1	46545644	46551527	-	0	0
ENSG0000(FBLIM1	protein_co chr1	15756607	15786594	+	30.66	32.92
ENSG0000(TMEM82	protein_co chr1	15742422	15747982	+	0	0
ENSG0000(SLC25A34	protein_co chr1	15736405	15741396	+	0.4	0.55
ENSG0000(AKR7A3	protein_co chr1	19282558	19289250	-	0.32	0.44
ENSG0000(DRAXIN	protein_co chr1	11691729	11725857	+	0.09	0.1
ENSG0000(PDPN	protein_co chr1	13583465	13617957	+	3.76	3.87
ENSG0000(LRRC38	protein_co chr1	13474977	13514048	-	0.15	0.19
ENSG0000(DHRS3	protein_co chr1	12567910	12617731	-	92.91	95.05
ENSG0000(MATN1	protein_co chr1	30711277	30723587	-	0.01	0.07
ENSG0000(LAPTM5	protein_co chr1	30732469	30757820	-	0.02	0.08
ENSG0000(SDC3	protein_co chr1	30869467	30908761	-	34.2	34.96

ENSG0000(PEF1	protein_co chr1	31629862	31644896	-	37.56	36.73
ENSG0000(SYNC	protein_co chr1	32680360	32703596	-	25.73	29.24
ENSG0000(RBBP4	protein_co chr1	32651142	32686211	+	46.56	48.72
ENSG0000(KIAA1522	protein_co chr1	32741885	32774970	+	9.07	9.08
ENSG0000(TSSK3	protein_co chr1	32351521	32364312	+	0.74	0.55
ENSG0000(TMC04	protein_co chr1	19682213	19799945	-	5.9	5.74
ENSG0000(UBXN10	protein_co chr1	20186085	20196048	+	0.01	0.04
ENSG0000(CAMK2N1	protein_co chr1	20482391	20486220	-	7.26	8.69
ENSG0000(ALPL	protein_co chr1	21509372	21578412	+	6.8	6.02
ENSG0000(WNT4	protein_co chr1	22117305	22143969	-	0	0
ENSG0000(TTLL10	protein_co chr1	1173884	1197935	+	0	0
ENSG0000(SCNN1D	protein_co chr1	1280436	1292029	+	1.95	1.74
ENSG0000(MXRA8	protein_co chr1	1352689	1361777	-	311.15	336.3
ENSG0000(FAAP20	protein_co chr1	2184461	2212720	-	29.99	30.61
ENSG0000(MEGF6	protein_co chr1	3489920	3611495	-	66.52	66.78
ENSG0000(CCDC27	protein_co chr1	3746460	3771645	+	0	0
ENSG0000(IL23R	protein_co chr1	67138907	67259979	+	0	0
ENSG0000(DIRAS3	protein_co chr1	68045962	68051631	-	3.22	3.79
ENSG0000(C1orf87	protein_co chr1	59987269	60073770	-	0	0
ENSG0000(NFIA	protein_co chr1	60865259	61462793	+	2.8	2.35
ENSG0000(OMA1	protein_co chr1	58415384	58546802	-	8.31	7.57
ENSG0000(MYSM1	protein_co chr1	58654739	58700092	-	7.5	6.13
ENSG0000(TM2D1	protein_co chr1	61681046	61725423	-	32.29	29.55
ENSG0000(USP1	protein_co chr1	62436297	62451804	+	5.05	4.6
ENSG0000(FUBP1	protein_co chr1	77944055	77979110	-	32.21	35.39
ENSG0000(NEXN	protein_co chr1	77888513	77943895	+	29.19	34.17
ENSG0000(DNAJB4	protein_co chr1	77979175	78017964	+	16.56	15.11
ENSG0000(ADGRL4	protein_co chr1	78889764	79006718	-	18.51	19.04
ENSG0000(LRR1Q3	protein_co chr1	74026015	74198187	-	0.13	0.21
ENSG0000(LRRC53	protein_co chr1	74469878	74512614	-	0	0
ENSG0000(TYW3	protein_co chr1	74733152	74766678	+	5.8	6.28
ENSG0000(LHX8	protein_co chr1	75128434	75161533	+	0	0
ENSG0000(SNX7	protein_co chr1	98661701	98760500	+	17.02	20.79
ENSG0000(B3GALT2	protein_co chr1	1.93E+08	1.93E+08	-	0.16	0.33
ENSG0000(NTNG1	protein_co chr1	1.07E+08	1.07E+08	+	2.52	3.51
ENSG0000(FAM102B	protein_co chr1	1.09E+08	1.09E+08	+	11.62	12.17
ENSG0000(HENMT1	protein_co chr1	1.09E+08	1.09E+08	-	0.66	0.7
ENSG0000(AKNAD1	protein_co chr1	1.09E+08	1.09E+08	-	0	0.13
ENSG0000(C1orf52	protein_co chr1	85249953	85259672	-	13.86	11.92
ENSG0000(WDR63	protein_co chr1	84999147	85133138	+	2.16	1.47
ENSG0000(GBP2	protein_co chr1	89106132	89150456	-	24.67	27.31
ENSG0000(ATXN7L2	protein_co chr1	1.09E+08	1.09E+08	+	1.46	1.17
ENSG0000(GBP4	protein_co chr1	89181148	89198932	-	2.38	1.97
ENSG0000(ZNF326	protein_co chr1	89995112	90035531	+	8.21	7.13
ENSG0000(HFM1	protein_co chr1	91260766	91404869	-	0.08	0.13

ENSG0000(BRINP3	protein_co chr1	1.9E+08	1.9E+08 -	0	0
ENSG0000(GFI1	protein_co chr1	92474762	92486876 -	0.14	0.02
ENSG0000(LSP1P3	processed_chr5	28926816	28927023 +	0	0
ENSG0000(KCNT2	protein_co chr1	1.96E+08	1.97E+08 -	0.44	0.32
ENSG0000(AGL	protein_co chr1	99850084	99924023 +	3.81	4.6
ENSG0000(VCAM1	protein_co chr1	1.01E+08	1.01E+08 +	6.92	7.05
ENSG0000(EXTL2	protein_co chr1	1.01E+08	1.01E+08 -	9.62	14.37
ENSG0000(SLC30A7	protein_co chr1	1.01E+08	1.01E+08 +	5.48	5.82
ENSG0000(DNAJA1P5	processed_chr1	1.02E+08	1.02E+08 +	0	0
ENSG0000(ZNF281	protein_co chr1	2E+08	2E+08 -	6.01	5.25
ENSG0000(ARPC5	protein_co chr1	1.84E+08	1.84E+08 -	103.01	105.69
ENSG0000(CADM3	protein_co chr1	1.59E+08	1.59E+08 +	0.28	0.14
ENSG0000(NLRP3	protein_co chr1	2.47E+08	2.47E+08 +	0	0.16
ENSG0000(ZNF496	protein_co chr1	2.47E+08	2.47E+08 -	8.56	9.52
ENSG0000(TRIM58	protein_co chr1	2.48E+08	2.48E+08 +	2.1	1.94
ENSG0000(SLAMF9	protein_co chr1	1.6E+08	1.6E+08 -	0.1	0
ENSG0000(OR2M5	protein_co chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(KCNJ9	protein_co chr1	1.6E+08	1.6E+08 +	0.08	0.08
ENSG0000(IGSF8	protein_co chr1	1.6E+08	1.6E+08 -	15.15	13.27
ENSG0000(DDR2	protein_co chr1	1.63E+08	1.63E+08 +	88.42	94.84
ENSG0000(PEA15	protein_co chr1	1.6E+08	1.6E+08 +	205.78	209.2
ENSG0000(PEX19	protein_co chr1	1.6E+08	1.6E+08 -	20.41	23.74
ENSG0000(NCSTN	protein_co chr1	1.6E+08	1.6E+08 +	111.11	107.16
ENSG0000(VANGL2	protein_co chr1	1.6E+08	1.6E+08 +	3.69	4.3
ENSG0000(SLAMF6	protein_co chr1	1.6E+08	1.61E+08 -	0	0
ENSG0000(OLFML2B	protein_co chr1	1.62E+08	1.62E+08 -	0.59	0.92
ENSG0000(FCRLB	protein_co chr1	1.62E+08	1.62E+08 +	0.37	0.77
ENSG0000(FCGR3B	protein_co chr1	1.62E+08	1.62E+08 -	0	0.05
ENSG0000(SLC9C2	protein_co chr1	1.74E+08	1.74E+08 -	0	0.19
ENSG0000(KLHDC9	protein_co chr1	1.61E+08	1.61E+08 +	0.82	0.97
ENSG0000(C1orf74	protein_co chr1	2.1E+08	2.1E+08 -	0.75	0.8
ENSG0000(LMX1A	protein_co chr1	1.65E+08	1.65E+08 -	0	0
ENSG0000(LRRC52	protein_co chr1	1.66E+08	1.66E+08 +	0	0
ENSG0000(FLVCR1	protein_co chr1	2.13E+08	2.13E+08 +	1.38	1.03
ENSG0000(FAM71A	protein_co chr1	2.13E+08	2.13E+08 +	0	0
ENSG0000(ATF3	protein_co chr1	2.13E+08	2.13E+08 +	1.38	1.32
ENSG0000(RBM15	protein_co chr1	1.1E+08	1.1E+08 +	2.1	2.08
ENSG0000(DENND2D	protein_co chr1	1.11E+08	1.11E+08 -	1.88	2.03
ENSG0000(AXDND1	protein_co chr1	1.79E+08	1.8E+08 +	0.44	0.02
ENSG0000(TDRD5	protein_co chr1	1.8E+08	1.8E+08 +	0	0
ENSG0000(IER5	protein_co chr1	1.81E+08	1.81E+08 +	5.97	7.17
ENSG0000(SNED1	protein_co chr2	2.41E+08	2.41E+08 +	25.49	25.41
ENSG0000(BPNT1	protein_co chr1	2.2E+08	2.2E+08 -	10.02	8.53
ENSG0000(SPATA17	protein_co chr1	2.18E+08	2.18E+08 +	0.56	0.37
ENSG0000(C1orf115	protein_co chr1	2.21E+08	2.21E+08 +	0.25	0.16

ENSG0000(BROX	protein_co chr1	2.23E+08	2.23E+08 +	12.96	7.92
ENSG0000(NBPF20	protein_co chr1	1.45E+08	1.45E+08 -	3.23	3.25
ENSG0000(ACP6	protein_co chr1	1.48E+08	1.48E+08 -	6.37	5.58
ENSG0000(MT2P1	processed_chr4	68376323	68376505 +	0	0
ENSG0000(WDR64	protein_co chr1	2.42E+08	2.42E+08 +	0	0
ENSG0000(KIF26B	protein_co chr1	2.45E+08	2.46E+08 +	12.15	13.74
ENSG0000(TFB2M	protein_co chr1	2.47E+08	2.47E+08 -	4.83	4.84
ENSG0000(CNST	protein_co chr1	2.47E+08	2.47E+08 +	7.11	6.12
ENSG0000(PPP1R21	protein_co chr2	48440598	48515391 +	5.37	5.2
ENSG0000(KLHDC8A	protein_co chr1	2.05E+08	2.05E+08 -	0.11	0
ENSG0000(PM20D1	protein_co chr1	2.06E+08	2.06E+08 -	0	0
ENSG0000(PKDCC	protein_co chr2	42048020	42058528 +	56.89	74.04
ENSG0000(OXER1	protein_co chr2	42762481	42764261 -	0	0.03
ENSG0000(HAAO	protein_co chr2	42767089	42792593 -	0.17	0.19
ENSG0000(B3GALNT2	protein_co chr1	2.35E+08	2.36E+08 -	7.05	6.62
ENSG0000(C1orf147	antisense chr1	2.06E+08	2.06E+08 -	0	0
ENSG0000(MAPKAPK2	protein_co chr1	2.07E+08	2.07E+08 +	30.84	32.94
ENSG0000(IL20	protein_co chr1	2.07E+08	2.07E+08 +	0	0
ENSG0000(IL24	protein_co chr1	2.07E+08	2.07E+08 +	0.88	0.83
ENSG0000(FCMR	protein_co chr1	2.07E+08	2.07E+08 -	0.98	0.3
ENSG0000(PIGR	protein_co chr1	2.07E+08	2.07E+08 -	0.01	0.08
ENSG0000(FCAMR	protein_co chr1	2.07E+08	2.07E+08 -	0	0
ENSG0000(CAPN2	protein_co chr1	2.24E+08	2.24E+08 +	109.96	108.96
ENSG0000(MRPL55	protein_co chr1	2.28E+08	2.28E+08 -	27.48	31.2
ENSG0000(C1orf145	protein_co chr1	2.28E+08	2.28E+08 -	0.23	0.54
ENSG0000(WDR26	protein_co chr1	2.24E+08	2.24E+08 -	31.76	34.37
ENSG0000(REL	protein_co chr2	60881521	60931610 +	1.89	1.79
ENSG0000(PUS10	protein_co chr2	60940222	61018259 -	4.06	3.88
ENSG0000(PEX13	protein_co chr2	61017225	61051990 +	5.38	4.45
ENSG0000(KIAA1841	protein_co chr2	61065871	61138034 +	2.24	3.29
ENSG0000(TRIM17	protein_co chr1	2.28E+08	2.28E+08 -	0	0.04
ENSG0000(RFTN2	protein_co chr2	1.98E+08	1.98E+08 -	2.88	2.58
ENSG0000(DISC1	protein_co chr1	2.32E+08	2.32E+08 +	3.25	3.06
ENSG0000(LINC01931	lincRNA chr2	1.5E+08	1.5E+08 -	0	0
ENSG0000(CAPN13	protein_co chr2	30722771	30820542 -	0	0
ENSG0000(LRRTM1	protein_co chr2	80288351	80304749 -	0	0
ENSG0000(MEMO1	protein_co chr2	31865060	32011230 -	19.76	22.98
ENSG0000(DPY30	protein_co chr2	31867809	32039812 -	20.52	22.98
ENSG0000(TYW5	protein_co chr2	2E+08	2E+08 -	2.28	1.98
ENSG0000(MAIP1	protein_co chr2	2E+08	2E+08 +	7.23	8.97
ENSG0000(KCNF1	protein_co chr2	10911937	10914225 +	0	0
ENSG0000(PQLC3	protein_co chr2	11155198	11178874 +	16.52	18.88
ENSG0000(ARL5A	protein_co chr2	1.52E+08	1.52E+08 -	8.1	8.85
ENSG0000(FAM84A	protein_co chr2	14632686	14650814 +	0	0
ENSG0000(KCNJ3	protein_co chr2	1.55E+08	1.55E+08 +	0	0.01

ENSG0000(NEUROD1	protein_co chr2	1.82E+08	1.82E+08	-	0	0
ENSG0000(CLHC1	protein_co chr2	55174791	55232563	-	3.1	2.72
ENSG0000(PRORS1P	transcribec chr2	55282319	55284522	+	0.41	0.42
ENSG0000(FRZB	protein_co chr2	1.83E+08	1.83E+08	-	0	0
ENSG0000(DUSP19	protein_co chr2	1.83E+08	1.83E+08	+	1.05	0.47
ENSG0000(CFAP36	protein_co chr2	55519604	55545879	+	29.98	28.72
ENSG0000(NUP35	protein_co chr2	1.83E+08	1.83E+08	+	2.99	3.33
ENSG0000(CCDC138	protein_co chr2	1.09E+08	1.09E+08	+	1.39	1.03
ENSG0000(C2orf48	lincRNA chr2	10141382	10211725	+	0	0
ENSG0000(ZSWIM2	protein_co chr2	1.87E+08	1.87E+08	-	0.03	0.12
ENSG0000(FBXO41	protein_co chr2	73254682	73284431	-	2.2	2.21
ENSG0000(ALMS1P1	transcribec chr2	73644919	73685576	+	0.27	0.07
ENSG0000(ACTG2	protein_co chr2	73892314	73919865	+	1.08	0.78
ENSG0000(WDCP	protein_co chr2	24029340	24049575	-	4.38	2.52
ENSG0000(SMC6	protein_co chr2	17663812	17800242	-	7.77	9.17
ENSG0000(VSNL1	protein_co chr2	17539126	17657018	+	0.12	0.19
ENSG0000(CCDC74A	protein_co chr2	1.32E+08	1.32E+08	+	10.65	11.51
ENSG0000(H3F3A	protein_co chr1	2.26E+08	2.26E+08	+	154.95	155.28
ENSG0000(ANKRD30B	protein_co chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(COQ8A	protein_co chr1	2.27E+08	2.27E+08	+	9.64	10.72
ENSG0000(SLC16A14	protein_co chr2	2.3E+08	2.3E+08	-	0.24	0.15
ENSG0000(TEKT4	protein_co chr2	94871433	94876829	+	0.35	0.25
ENSG0000(EN1	protein_co chr2	1.19E+08	1.19E+08	-	1.96	2.84
ENSG0000(SGCB	protein_co chr4	52020706	52038482	-	24.84	16.93
ENSG0000(SPATA18	protein_co chr4	52051331	52097292	+	6.23	6.15
ENSG0000(NOSTRIN	protein_co chr2	1.69E+08	1.69E+08	+	0.12	0.08
ENSG0000(CFAP221	protein_co chr2	1.2E+08	1.2E+08	+	0.03	0
ENSG0000(CCDC140	protein_co chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(SGPP2	protein_co chr2	2.22E+08	2.23E+08	+	0	0
ENSG0000(INHBB	protein_co chr2	1.2E+08	1.2E+08	+	0.1	0.11
ENSG0000(XIRP2	protein_co chr2	1.67E+08	1.67E+08	+	0	0
ENSG0000(BBS5	protein_co chr2	1.69E+08	1.7E+08	+	4.88	5.69
ENSG0000(BIRC8	protein_co chr19	53289601	53291626	-	0	0
ENSG0000(SMARCD1	protein_co chr4	94207611	94291292	+	8.16	7.04
ENSG0000(HPGDS	protein_co chr4	94298535	94342876	-	0	0
ENSG0000(PDLIM5	protein_co chr4	94451857	94668227	+	41.36	41.41
ENSG0000(PDHA2	protein_co chr4	95840019	95841474	+	0	0
ENSG0000(STPG2	protein_co chr4	97184093	98143240	-	0.07	0
ENSG0000(NEURL3	protein_co chr2	96497643	96508109	-	0	0.04
ENSG0000(RPRD2	protein_co chr1	1.5E+08	1.5E+08	+	9.96	9.89
ENSG0000(ANKRD23	protein_co chr2	96824526	96857934	-	1.23	0.93
ENSG0000(CTSS	protein_co chr1	1.51E+08	1.51E+08	-	9.96	6.83
ENSG0000(MSX1	protein_co chr4	4859666	4863936	+	6.08	7.83
ENSG0000(PACRGL	protein_co chr4	20696282	20752907	+	10.53	12.18
ENSG0000(BNIPL	protein_co chr1	1.51E+08	1.51E+08	+	0.06	0.14

ENSG0000(C1QTNF7	protein_co chr4	15339818	15446166	+	0.15	0.04
ENSG0000(TNFAIP8L2	protein_co chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(LYSMD1	protein_co chr1	1.51E+08	1.51E+08	-	3.45	3.75
ENSG0000(SCNM1	protein_co chr1	1.51E+08	1.51E+08	+	17.07	15.2
ENSG0000(TMOD4	protein_co chr1	1.51E+08	1.51E+08	-	0	0.17
ENSG0000(VPS72	protein_co chr1	1.51E+08	1.51E+08	-	15.95	18.98
ENSG0000(ERCC3	protein_co chr2	1.27E+08	1.27E+08	-	19.69	18.02
ENSG0000(RNF149	protein_co chr2	1.01E+08	1.01E+08	-	9.98	14.27
ENSG0000(IWS1	protein_co chr2	1.27E+08	1.28E+08	-	12.95	14.4
ENSG0000(BOLA3	protein_co chr2	74135398	74147994	-	13.42	12.24
ENSG0000(CDC42EP3	protein_co chr2	37641882	37738468	-	14.58	16.12
ENSG0000(S100A11	protein_co chr1	1.52E+08	1.52E+08	-	629.81	613.75
ENSG0000(LCE3D	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(SMCP	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(IVL	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(SPRR3	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(DHX57	protein_co chr2	38797729	38875934	-	4.57	5.16
ENSG0000(SPRR2D	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(BMP10	protein_co chr2	68865481	68871517	-	0	0
ENSG0000(PGLYRP4	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(ARHGAP25	protein_co chr2	68679601	68826833	+	0.77	0.67
ENSG0000(S100A9	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(S100A12	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(TGFA	protein_co chr2	70447280	70554193	-	0.01	0
ENSG0000(TDRD10	protein_co chr1	1.55E+08	1.55E+08	+	0	0.1
ENSG0000(CCNYL1	protein_co chr2	2.08E+08	2.08E+08	+	11.07	11.03
ENSG0000(FZD5	protein_co chr2	2.08E+08	2.08E+08	-	0.64	0.63
ENSG0000(CRYGC	protein_co chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(DCAF16	protein_co chr4	17800655	17810758	-	7.24	8.72
ENSG0000(C1orf189	protein_co chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(NPPC	protein_co chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(GNPDA2	protein_co chr4	44682200	44726595	-	8.33	7.35
ENSG0000(ALPP	protein_co chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(GABRG1	protein_co chr4	46035769	46124081	-	0	0
ENSG0000(ALPPL2	protein_co chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(GABRB1	protein_co chr4	46993723	47426444	+	0	0.42
ENSG0000(PAQR3	protein_co chr4	78887127	78939438	-	4.58	3.55
ENSG0000(NIPAL1	protein_co chr4	47914142	48040173	+	0.93	1.1
ENSG0000(ALPI	protein_co chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(ANTXR2	protein_co chr4	79901149	80125454	-	90.13	89.14
ENSG0000(HELQ	protein_co chr4	83407343	83455856	-	4.6	3.16
ENSG0000(MRPS18C	protein_co chr4	83455932	83469735	+	17.58	18.3
ENSG0000(CGGBP1	protein_co chr3	88051944	88149885	-	30.44	28.29
ENSG0000(FAM175A	protein_co chr4	83459517	83523348	-	9.03	12.28
ENSG0000(GPR155	protein_co chr2	1.74E+08	1.74E+08	-	2.22	1.99

ENSG0000(DAPL1	protein_co chr2	1.59E+08	1.59E+08 +	0	0
ENSG0000(PMVK	protein_co chr1	1.55E+08	1.55E+08 -	15.46	14.04
ENSG0000(PBXIP1	protein_co chr1	1.55E+08	1.55E+08 -	85.88	93.32
ENSG0000(CLDN1	protein_co chr3	1.9E+08	1.9E+08 -	5.1	4.4
ENSG0000(PYGO2	protein_co chr1	1.55E+08	1.55E+08 -	11.53	9.6
ENSG0000(HIPK1	protein_co chr1	1.14E+08	1.14E+08 +	10.47	11.36
ENSG0000(LENEP	protein_co chr1	1.55E+08	1.55E+08 +	0	0
ENSG0000(DCST2	protein_co chr1	1.55E+08	1.55E+08 -	0.24	0.15
ENSG0000(DCST1	protein_co chr1	1.55E+08	1.55E+08 +	0	0
ENSG0000(COL6A3	protein_co chr2	2.37E+08	2.37E+08 -	953.69	938.61
ENSG0000(C1orf106	protein_co chr1	2.01E+08	2.01E+08 +	1.08	2.91
ENSG0000(LINC01116	lincRNA chr2	1.77E+08	1.77E+08 -	0.44	0.34
ENSG0000(YY1AP1	protein_co chr1	1.56E+08	1.56E+08 -	22.21	21.28
ENSG0000(KBTBD8	protein_co chr3	66998307	67011210 +	0.36	0.4
ENSG0000(FAM19A4	protein_co chr3	68731766	68953297 -	0	0
ENSG0000(EOGT	protein_co chr3	68975214	69013961 -	12.39	14.86
ENSG0000(LMOD3	protein_co chr3	69106872	69123032 -	0	0.01
ENSG0000(NAXE	protein_co chr1	1.57E+08	1.57E+08 +	30.48	33.08
ENSG0000(POGLUT1	protein_co chr3	1.19E+08	1.19E+08 +	7.13	8.53
ENSG0000(SLC22A15	protein_co chr1	1.16E+08	1.16E+08 +	4.1	3.28
ENSG0000(CCKAR	protein_co chr4	26481400	26490462 -	0	0
ENSG0000(IGFN1	protein_co chr1	2.01E+08	2.01E+08 +	0	0
ENSG0000(ATP1A1	protein_co chr1	1.16E+08	1.16E+08 +	136.47	131.26
ENSG0000(SLC15A2	protein_co chr3	1.22E+08	1.22E+08 +	0.12	0
ENSG0000(EIF4E3	protein_co chr3	71675416	71754773 -	2.05	2.1
ENSG0000(PROK2	protein_co chr3	71771656	71785206 -	0	0
ENSG0000(C3orf30	protein_co chr3	1.19E+08	1.19E+08 +	0	0
ENSG0000(LRRC58	protein_co chr3	1.2E+08	1.2E+08 -	4.9	5.08
ENSG0000(FSTL1	protein_co chr3	1.2E+08	1.2E+08 -	928.5	862.72
ENSG0000(LMOD1	protein_co chr1	2.02E+08	2.02E+08 -	5.3	7.43
ENSG0000(ELF3	protein_co chr1	2.02E+08	2.02E+08 +	0.46	0.5
ENSG0000(PDCL2	protein_co chr4	55556525	55592212 -	0	0
ENSG0000(TMEM183)	protein_co chr1	2.03E+08	2.03E+08 +	26.54	27.1
ENSG0000(TMEM169	protein_co chr2	2.16E+08	2.16E+08 +	0.53	0.3
ENSG0000(IGFBP7	protein_co chr4	57030773	57110385 -	770.61	724.9
ENSG0000(TRIM46	protein_co chr1	1.55E+08	1.55E+08 +	3.6	4.26
ENSG0000(KRTCAP2	protein_co chr1	1.55E+08	1.55E+08 -	120.68	119.56
ENSG0000(CXCR1	protein_co chr2	2.18E+08	2.18E+08 -	0	0
ENSG0000(ARPC2	protein_co chr2	2.18E+08	2.18E+08 +	198.8	203.34
ENSG0000(TSACC	protein_co chr1	1.56E+08	1.56E+08 +	0.29	0.48
ENSG0000(CCT3	protein_co chr1	1.56E+08	1.56E+08 -	56.05	58.01
ENSG0000(TMEM79	protein_co chr1	1.56E+08	1.56E+08 +	1.64	1.68
ENSG0000(SSR2	protein_co chr1	1.56E+08	1.56E+08 -	162.36	167.25
ENSG0000(RNF25	protein_co chr2	2.19E+08	2.19E+08 -	14.23	14.13
ENSG0000(STK36	protein_co chr2	2.19E+08	2.19E+08 +	14.87	15.69

ENSG0000(ADORA1	protein_co chr1	2.03E+08	2.03E+08	+	3.79	5.54
ENSG0000(NEK10	protein_co chr3	27110085	27369460	-	1.96	3.22
ENSG0000(CCDC141	protein_co chr2	1.79E+08	1.79E+08	-	0.03	0
ENSG0000(FEV	protein_co chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(CRYBA2	protein_co chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(IHH	protein_co chr2	2.19E+08	2.19E+08	-	0	0.06
ENSG0000(KIAA1524	protein_co chr3	1.09E+08	1.09E+08	-	1.44	1.18
ENSG0000(EOMES	protein_co chr3	27715949	27722711	-	0.03	0.02
ENSG0000(CWC22	protein_co chr2	1.8E+08	1.8E+08	-	6.62	8.69
ENSG0000(AZI2	protein_co chr3	28315003	28349127	-	60.47	60.17
ENSG0000(TGFB2	protein_co chr3	30606502	30694142	+	58.9	54.44
ENSG0000(RETNLB	protein_co chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(ANKZF1	protein_co chr2	2.19E+08	2.19E+08	+	18.16	18.46
ENSG0000(HDAC11	protein_co chr3	13479724	13506424	+	8.23	8.24
ENSG0000(FCRL4	protein_co chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(TRAT1	protein_co chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(FBLN2	protein_co chr3	13549131	13638422	+	360.1	352.76
ENSG0000(GLB1L	protein_co chr2	2.19E+08	2.19E+08	-	5.7	4.67
ENSG0000(STT3B	protein_co chr3	31532638	31637622	+	33.91	35.45
ENSG0000(CHCHD4	protein_co chr3	14112077	14124870	-	3.94	4.27
ENSG0000(DPPA2	protein_co chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(NFASC	protein_co chr1	2.05E+08	2.05E+08	+	3.59	3.32
ENSG0000(FCRL1	protein_co chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(SGO2	protein_co chr2	2.01E+08	2.01E+08	+	0.89	1.13
ENSG0000(SERPINI1	protein_co chr3	1.68E+08	1.68E+08	+	1.12	1.31
ENSG0000(CLASP2	protein_co chr3	33496245	33718356	-	10.98	13.11
ENSG0000(SUCLG1	protein_co chr2	84423523	84460045	-	33.64	36.07
ENSG0000(NUA2	protein_co chr1	2.05E+08	2.05E+08	-	1.11	0.84
ENSG0000(SPTA1	protein_co chr1	1.59E+08	1.59E+08	-	0.01	0
ENSG0000(PRKCI	protein_co chr3	1.7E+08	1.7E+08	+	29.73	27.59
ENSG0000(MNDA	protein_co chr1	1.59E+08	1.59E+08	+	0.06	0
ENSG0000(PYHIN1	protein_co chr1	1.59E+08	1.59E+08	+	0.2	0.33
ENSG0000(IFI16	protein_co chr1	1.59E+08	1.59E+08	+	130.96	136.26
ENSG0000(AIM2	protein_co chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(EFHB	protein_co chr3	19879472	19947025	-	0.08	0.28
ENSG0000(EIF5A2	protein_co chr3	1.71E+08	1.71E+08	-	9.31	10.56
ENSG0000(SLC2A2	protein_co chr3	1.71E+08	1.71E+08	-	0	0
ENSG0000(RPL22L1	protein_co chr3	1.71E+08	1.71E+08	-	22.55	27.67
ENSG0000(FABP1	protein_co chr2	88122982	88128116	-	0	0
ENSG0000(PPM1L	protein_co chr3	1.61E+08	1.61E+08	+	0.24	0.17
ENSG0000(ICA1L	protein_co chr2	2.03E+08	2.03E+08	-	1	1.67
ENSG0000(SNHG16	processed_chr17	76557766	76565348	+	46.16	40.27
ENSG0000(CTLA4	protein_co chr2	2.04E+08	2.04E+08	+	0	0
ENSG0000(ICOS	protein_co chr2	2.04E+08	2.04E+08	+	0	0
ENSG0000(RYBP	protein_co chr3	72371825	72446621	-	2.66	2.74

ENSG00000100000	PPP4R2	protein_co chr3	72996785	73069199	+	23.16	28.65
ENSG00000100000	CD200R1	protein_co chr3	1.13E+08	1.13E+08	-	0.1	0
ENSG00000100000	GTPBP8	protein_co chr3	1.13E+08	1.13E+08	+	9.81	8.66
ENSG00000100000	NEPRO	protein_co chr3	1.13E+08	1.13E+08	-	19.5	18.82
ENSG00000100000	SPICE1	protein_co chr3	1.13E+08	1.14E+08	-	5.87	7.17
ENSG00000100000	FAM86KP	unprocessε chr4	9153296	9165451	+	0	0
ENSG00000100000	CCDC191	protein_co chr3	1.14E+08	1.14E+08	-	2.61	2.79
ENSG00000100000	CADPS	protein_co chr3	62398346	62875389	-	0	0
ENSG00000100000	NKX6-1	protein_co chr4	84491987	84498450	-	0	0
ENSG00000100000	CDS1	protein_co chr4	84582979	84651338	+	0.25	0.13
ENSG00000100000	WDFY3	protein_co chr4	84669610	84966391	-	19.27	16.81
ENSG00000100000	COX18	protein_co chr4	73052362	73069755	-	4.64	3.73
ENSG00000100000	PTPN13	protein_co chr4	86594315	86815171	+	6.63	6.27
ENSG00000100000	SYNPR	protein_co chr3	63228315	63616921	+	0	0
ENSG00000100000	ALB	protein_co chr4	73397114	73421412	+	0	0.04
ENSG00000100000	C3orf49	protein_co chr3	63819362	63848636	+	0	0
ENSG00000100000	C4orf36	protein_co chr4	86876205	86936202	-	3.34	2.7
ENSG00000100000	THOC7	protein_co chr3	63833870	63863903	-	27.29	28.08
ENSG00000100000	ATXN7	protein_co chr3	63864557	64003462	+	7.19	6.51
ENSG00000100000	PSMD6	protein_co chr3	64010549	64024010	-	28.73	29.67
ENSG00000100000	PRICKLE2	protein_co chr3	64092242	64445476	-	5.71	6.28
ENSG00000100000	ADAMTS9	protein_co chr3	64515654	64688000	-	0.51	0.35
ENSG00000100000	PPM1K	protein_co chr4	88257620	88284769	-	2.85	2.69
ENSG00000100000	ERICH6	protein_co chr3	1.51E+08	1.51E+08	-	0.03	0
ENSG00000100000	CLRN1	protein_co chr3	1.51E+08	1.51E+08	-	0	0
ENSG00000100000	GMPS	protein_co chr3	1.56E+08	1.56E+08	+	17.64	15.12
ENSG00000100000	TIPARP	protein_co chr3	1.57E+08	1.57E+08	+	10.71	11.3
ENSG00000100000	CCNL1	protein_co chr3	1.57E+08	1.57E+08	-	51.01	51.72
ENSG00000100000	PTX3	protein_co chr3	1.57E+08	1.57E+08	+	347.52	283.56
ENSG00000100000	HESX1	protein_co chr3	57197843	57226521	-	0.31	0.56
ENSG00000100000	DCLK3	protein_co chr3	36712422	36764349	-	0.08	0.04
ENSG00000100000	SLMAP	protein_co chr3	57755450	57929168	+	15.58	15.45
ENSG00000100000	RPL9	protein_co chr4	39454124	39458948	-	189.42	200.13
ENSG00000100000	SMIM14	protein_co chr4	39546330	39639090	-	20.6	25.96
ENSG00000100000	RPP14	protein_co chr3	58306247	58324695	+	4.22	4.39
ENSG00000100000	ABHD6	protein_co chr3	58237506	58295693	+	3.05	3.26
ENSG00000100000	DNASE1L3	protein_co chr3	58192257	58214697	-	0	0
ENSG00000100000	C3orf67	protein_co chr3	58717365	59050084	-	1.65	1.03
ENSG00000100000	RBM47	protein_co chr4	40423267	40630875	-	1.39	1.15
ENSG00000100000	APBB2	protein_co chr4	40810027	41216714	-	12.7	13.82
ENSG00000100000	IL17RE	protein_co chr3	9902612	9916402	+	0.29	0.48
ENSG00000100000	IL17RC	protein_co chr3	9917074	9933630	+	22.81	22.63
ENSG00000100000	CRELD1	protein_co chr3	9933822	9945413	+	21.14	20.77
ENSG00000100000	PRRT3	protein_co chr3	9945542	9952394	-	1.84	1.69
ENSG00000100000	FANCD2OS	protein_co chr3	10081317	10108231	-	0	0.11

ENSG0000(PCOLCE2	protein_co chr3	1.43E+08	1.43E+08 -	17.5	10.55
ENSG0000(U2SURP	protein_co chr3	1.43E+08	1.43E+08 +	20.67	17.27
ENSG0000(MTMR14	protein_co chr3	9649433	9702393 +	12.48	14.1
ENSG0000(TTC14	protein_co chr3	1.81E+08	1.81E+08 +	16.37	17.94
ENSG0000(CXCL3	protein_co chr4	74036589	74038807 -	4.45	3.55
ENSG0000(CXCL5	protein_co chr4	73995642	73998779 -	1.19	1.04
ENSG0000(PPBP	protein_co chr4	73987038	73988197 -	0	0
ENSG0000(PF4	protein_co chr4	73981077	73982124 -	0.12	0.13
ENSG0000(MTHFD2L	protein_co chr4	74114174	74303099 +	1.44	1.52
ENSG0000(CXCL1	protein_co chr4	73869393	73871242 +	102.34	78.01
ENSG0000(RCHY1	protein_co chr4	75479037	75514764 -	11.91	9.05
ENSG0000(PLSCR2	protein_co chr3	1.46E+08	1.46E+08 -	0.06	0.04
ENSG0000(CCDC158	protein_co chr4	76312997	76421868 -	0.06	0.04
ENSG0000(CPA3	protein_co chr3	1.49E+08	1.49E+08 +	0	0
ENSG0000(GYG1	protein_co chr3	1.49E+08	1.49E+08 +	28.23	32.03
ENSG0000(HPS3	protein_co chr3	1.49E+08	1.49E+08 +	12.02	12.74
ENSG0000(TM4SF18	protein_co chr3	1.49E+08	1.49E+08 -	0	0
ENSG0000(TOPBP1	protein_co chr3	1.34E+08	1.34E+08 -	8.94	15.05
ENSG0000(RYK	protein_co chr3	1.34E+08	1.34E+08 -	29.95	34.81
ENSG0000(SNRK	protein_co chr3	43286512	43424764 +	5.35	3.89
ENSG0000(TCF23	protein_co chr2	27149004	27156974 +	0.05	0.16
ENSG0000(DNAJC5G	protein_co chr2	27275421	27281499 +	0	0
ENSG0000(UCN	protein_co chr2	27307400	27308445 -	0.56	0.8
ENSG0000(ZNF513	protein_co chr2	27377231	27380790 -	7.17	7.52
ENSG0000(SLC4A1AP	protein_co chr2	27663471	27694976 +	9.08	9.28
ENSG0000(PLB1	protein_co chr2	28457145	28643788 +	0.57	0.84
ENSG0000(SPDYA	protein_co chr2	28782517	28850611 +	0	0.3
ENSG0000(KIAA1143	protein_co chr3	44737661	44761662 -	11.97	14.8
ENSG0000(KIF15	protein_co chr3	44761717	44873376 +	0.49	0.27
ENSG0000(TGM4	protein_co chr3	44874608	44914990 +	0	0
ENSG0000(WDR43	protein_co chr2	28894643	28948222 +	12.62	17.35
ENSG0000(ZDHHC3	protein_co chr3	44915257	44976185 -	25.57	23.89
ENSG0000(CDCP1	protein_co chr3	45082278	45146422 -	5.48	5.72
ENSG0000(CLEC3B	protein_co chr3	45001548	45036071 +	1.71	2.47
ENSG0000(SLC6A20	protein_co chr3	45755450	45796535 -	0.02	0.03
ENSG0000(LZTFL1	protein_co chr3	45823316	45916042 -	12.61	11.75
ENSG0000(FYCO1	protein_co chr3	45917899	45995824 -	14.03	13.29
ENSG0000(CCR1	protein_co chr3	46201709	46208396 -	0.04	0
ENSG0000(RTP3	protein_co chr3	46497491	46500949 +	0	0
ENSG0000(LRRC2	protein_co chr3	46515423	46580099 -	2.19	2.72
ENSG0000(ELP6	protein_co chr3	47495640	47513761 -	17.17	16.38
ENSG0000(FBXO40	protein_co chr3	1.22E+08	1.22E+08 +	0	0
ENSG0000(DTX3L	protein_co chr3	1.23E+08	1.23E+08 +	8.48	7.87
ENSG0000(ZNF148	protein_co chr3	1.25E+08	1.25E+08 -	10.09	12.7
ENSG0000(NMNAT3	protein_co chr3	1.4E+08	1.4E+08 -	0.16	0.22

ENSG0000(SMIM12	protein_co chr1	34712737	34859816	-	16.42	17.62
ENSG0000(ZMYM6	protein_co chr1	34986165	35031968	-	3.75	3.11
ENSG0000(TPRA1	protein_co chr3	1.28E+08	1.28E+08	-	22.68	21.61
ENSG0000(YEATS2	protein_co chr3	1.84E+08	1.84E+08	+	12.5	10.83
ENSG0000(GRIK3	protein_co chr1	36795527	37034129	-	0	0
ENSG0000(ZC3H12A	protein_co chr1	37474552	37484379	+	10.49	9.64
ENSG0000(MEAF6	protein_co chr1	37492575	37514774	-	28.62	31.04
ENSG0000(SNIP1	protein_co chr1	37534449	37554344	-	4.93	5.31
ENSG0000(DNALI1	protein_co chr1	37556919	37566857	+	6.94	7.41
ENSG0000(POLR2H	protein_co chr3	1.84E+08	1.84E+08	+	27.83	27.97
ENSG0000(KLF15	protein_co chr3	1.26E+08	1.26E+08	-	0.93	0.63
ENSG0000(CFAP100	protein_co chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(CAMK2N2	protein_co chr3	1.84E+08	1.84E+08	-	0.64	0.56
ENSG0000(LIPH	protein_co chr3	1.86E+08	1.86E+08	-	0.1	0.27
ENSG0000(TMEM41A	protein_co chr3	1.85E+08	1.85E+08	-	4.78	5.41
ENSG0000(RPN1	protein_co chr3	1.29E+08	1.29E+08	-	97.8	96.27
ENSG0000(SEN2	protein_co chr3	1.86E+08	1.86E+08	+	11.57	13.17
ENSG0000(HEYL	protein_co chr1	39624153	39639945	-	0.01	0
ENSG0000(IFT122	protein_co chr3	1.29E+08	1.3E+08	+	6.4	6.54
ENSG0000(RHO	protein_co chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(IGF2BP2-A	antisense chr3	1.86E+08	1.86E+08	+	0	0
ENSG0000(RFC4	protein_co chr3	1.87E+08	1.87E+08	-	4.74	5.59
ENSG0000(RPL39L	protein_co chr3	1.87E+08	1.87E+08	-	5.41	4.25
ENSG0000(BAP1	protein_co chr3	52401013	52410350	-	16.78	17.81
ENSG0000(TKT	protein_co chr3	53224707	53256052	-	245.64	271.29
ENSG0000(PRKCD	protein_co chr3	53156009	53192717	+	7.37	6.44
ENSG0000(RFT1	protein_co chr3	53088483	53130462	-	9.13	9.05
ENSG0000(SFMBT1	protein_co chr3	52903572	53046750	-	0.62	0.85
ENSG0000(GNL3	protein_co chr3	52681156	52694492	+	20.49	22.53
ENSG0000(PBRM1	protein_co chr3	52545352	52685917	-	15.67	14.99
ENSG0000(UVSSA	protein_co chr4	1347266	1388049	+	3	3.18
ENSG0000(FAM208A	protein_co chr3	56620133	56683237	-	12.4	10.29
ENSG0000(ARHGEF3	protein_co chr3	56727418	57079329	-	26.98	26.46
ENSG0000(SLBP	protein_co chr4	1692800	1712555	-	23.99	22.21
ENSG0000(LRPAP1	protein_co chr4	3506376	3532559	-	150.51	147.7
ENSG0000(ZDHHC19	protein_co chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(SLC51A	protein_co chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(UBXN7	protein_co chr3	1.96E+08	1.96E+08	-	9.5	10.25
ENSG0000(RNF168	protein_co chr3	1.96E+08	1.97E+08	-	3.39	3.09
ENSG0000(PIGX	protein_co chr3	1.97E+08	1.97E+08	+	8.06	7.95
ENSG0000(MELTF	protein_co chr3	1.97E+08	1.97E+08	-	49.05	52.1
ENSG0000(OTOP1	protein_co chr4	4188803	4226889	-	0	0
ENSG0000(S100P	protein_co chr4	6693069	6697170	+	0	0
ENSG0000(ABLIM2	protein_co chr4	7965310	8158832	-	0	0
ENSG0000(EXO5	protein_co chr1	40508741	40516556	+	4.28	3.05

ENSG00000100000	CLDN19	protein_co chr1	42733093	42740254	-	0	0.02
ENSG00000100000	C1orf50	protein_co chr1	42767269	42775747	+	7.2	7.01
ENSG00000100000	ERMAP	protein_co chr1	42817124	42844989	+	7.01	6.64
ENSG00000100000	ZNF691	protein_co chr1	42846573	42852477	+	4.12	5.3
ENSG00000100000	AIMP1	protein_co chr4	1.06E+08	1.06E+08	+	18.35	16.96
ENSG00000100000	SGMS2	protein_co chr4	1.08E+08	1.08E+08	+	25.15	26.02
ENSG00000100000	METAP1	protein_co chr4	98995620	99062813	+	17.03	16.02
ENSG00000100000	DNAJB14	protein_co chr4	99896248	99946726	-	10.58	13.49
ENSG00000100000	H2AFZ	protein_co chr4	99948086	99950388	-	48.25	45.52
ENSG00000100000	EMCN	protein_co chr4	1E+08	1.01E+08	-	0.12	0.24
ENSG00000100000	SLC9B1	protein_co chr4	1.03E+08	1.03E+08	-	0.3	0.23
ENSG00000100000	SLC9B2	protein_co chr4	1.03E+08	1.03E+08	-	7.53	7.7
ENSG00000100000	BDH2	protein_co chr4	1.03E+08	1.03E+08	-	46.68	46.46
ENSG00000100000	PGRMC2	protein_co chr4	1.28E+08	1.28E+08	-	72.26	74.31
ENSG00000100000	CDC25A	protein_co chr3	48157146	48188402	-	0.28	0.64
ENSG00000100000	CAMP	protein_co chr3	48223347	48225491	+	0	0
ENSG00000100000	ZNF589	protein_co chr3	48241100	48299253	+	3.94	4.09
ENSG00000100000	FBXW12	protein_co chr3	48372219	48401259	+	0	0
ENSG00000100000	PLXNB1	protein_co chr3	48403854	48430051	-	27.72	34.82
ENSG00000100000	CCDC51	protein_co chr3	48432164	48440456	-	16.21	15.35
ENSG00000100000	ATRIP	protein_co chr3	48446710	48465716	+	1.53	2.33
ENSG00000100000	SHISA5	protein_co chr3	48467798	48504826	-	79.9	77.02
ENSG00000100000	SPRY1	protein_co chr4	1.23E+08	1.23E+08	+	14.45	12.69
ENSG00000100000	BSN	protein_co chr3	49554489	49671545	+	0.06	0.08
ENSG00000100000	APEH	protein_co chr3	49674002	49683963	+	36.83	35.63
ENSG00000100000	INTU	protein_co chr4	1.28E+08	1.28E+08	+	1.37	1.48
ENSG00000100000	RNF123	protein_co chr3	49689499	49721529	+	9.86	13.86
ENSG00000100000	HSPA4L	protein_co chr4	1.28E+08	1.28E+08	+	4.4	5.15
ENSG00000100000	MFSD8	protein_co chr4	1.28E+08	1.28E+08	-	4.54	4.75
ENSG00000100000	ABHD18	protein_co chr4	1.28E+08	1.28E+08	+	4.03	2.44
ENSG00000100000	CAMKV	protein_co chr3	49857988	49870222	-	0	0
ENSG00000100000	MON1A	protein_co chr3	49908862	49930173	-	5.83	5.5
ENSG00000100000	MST1R	protein_co chr3	49887002	49903873	-	0.94	0.18
ENSG00000100000	RAD54L2	protein_co chr3	51541144	51668667	+	2.64	3.05
ENSG00000100000	TEX264	protein_co chr3	51662693	51704323	+	40.67	38.15
ENSG00000100000	GRM2	protein_co chr3	51707070	51718613	+	0	0
ENSG00000100000	DUSP7	protein_co chr3	52048919	52056550	-	4.49	4.16
ENSG00000100000	POC1A	protein_co chr3	52075253	52154690	-	0.97	1.08
ENSG00000100000	PPM1M	protein_co chr3	52245793	52250597	+	13.92	14.9
ENSG00000100000	ETNPPL	protein_co chr4	1.09E+08	1.09E+08	-	0	0.11
ENSG00000100000	WDR82	protein_co chr3	52254421	52288020	-	29.45	29.2
ENSG00000100000	PITX2	protein_co chr4	1.11E+08	1.11E+08	-	1.4	1.73
ENSG00000100000	C4orf3	protein_co chr4	1.19E+08	1.19E+08	-	98.78	83.44
ENSG00000100000	PRSS12	protein_co chr4	1.18E+08	1.18E+08	-	4.09	3.01
ENSG00000100000	NDST3	protein_co chr4	1.18E+08	1.18E+08	+	0	0.03

ENSG00000108230	HMGB2	protein_co chr4	1.73E+08	1.73E+08	-	12.77	16.5
ENSG00000108231	SAP30	protein_co chr4	1.73E+08	1.73E+08	+	10.7	11.05
ENSG00000108232	SCRG1	protein_co chr4	1.73E+08	1.73E+08	-	0.16	0.26
ENSG00000108233	HAND2	protein_co chr4	1.74E+08	1.74E+08	-	12.74	13.1
ENSG00000108234	MAD2L1	protein_co chr4	1.2E+08	1.2E+08	-	0.69	0.5
ENSG00000108235	ANXA5	protein_co chr4	1.22E+08	1.22E+08	-	775.75	748.38
ENSG00000108236	TMEM155	protein_co chr4	1.22E+08	1.22E+08	-	1.55	2.12
ENSG00000108237	ADAD1	protein_co chr4	1.22E+08	1.22E+08	+	0	0
ENSG00000108238	MAP9	protein_co chr4	1.55E+08	1.55E+08	-	4.46	3.66
ENSG00000108239	GUCY1A3	protein_co chr4	1.56E+08	1.56E+08	+	0	0
ENSG00000108240	FBXO8	protein_co chr4	1.74E+08	1.74E+08	-	11.28	11.78
ENSG00000108241	CEP44	protein_co chr4	1.74E+08	1.74E+08	+	3.88	3.77
ENSG00000108242	HPGD	protein_co chr4	1.74E+08	1.75E+08	-	0.08	0.11
ENSG00000108243	ASB5	protein_co chr4	1.76E+08	1.76E+08	-	0	0.19
ENSG00000108244	C4orf45	protein_co chr4	1.59E+08	1.59E+08	-	0	0
ENSG00000108245	TMEM144	protein_co chr4	1.58E+08	1.58E+08	+	5.63	7.15
ENSG00000108246	FAM198B	protein_co chr4	1.58E+08	1.58E+08	-	55.98	58
ENSG00000108247	NPY1R	protein_co chr4	1.63E+08	1.63E+08	-	0	0.13
ENSG00000108248	NPY5R	protein_co chr4	1.63E+08	1.63E+08	+	0	0
ENSG00000108249	NAA15	protein_co chr4	1.39E+08	1.39E+08	+	5	5.69
ENSG00000108250	IL15	protein_co chr4	1.42E+08	1.42E+08	+	0.38	0.82
ENSG00000108251	FAM160A1	protein_co chr4	1.51E+08	1.52E+08	+	0.12	0.14
ENSG00000108252	ARFIP1	protein_co chr4	1.53E+08	1.53E+08	+	10.92	8.68
ENSG00000108253	ICE1	protein_co chr5	5420664	5490234	+	7.66	7.52
ENSG00000108254	HHIP	protein_co chr4	1.45E+08	1.45E+08	+	13.6	8.96
ENSG00000108255	ANAPC10	protein_co chr4	1.45E+08	1.45E+08	-	5.79	7.35
ENSG00000108256	ABCE1	protein_co chr4	1.45E+08	1.45E+08	+	19.33	19.59
ENSG00000108257	OTUD4	protein_co chr4	1.45E+08	1.45E+08	-	9.93	9.27
ENSG00000108258	LSM6	protein_co chr4	1.46E+08	1.46E+08	+	7.87	9.85
ENSG00000108259	TMEM184C	protein_co chr4	1.48E+08	1.48E+08	+	18.1	18.04
ENSG00000108260	PRMT9	protein_co chr4	1.48E+08	1.48E+08	-	3.46	3.07
ENSG00000108261	ITGA2	protein_co chr5	52989326	53094779	+	7.5	7.05
ENSG00000108262	MOCS2	protein_co chr5	53095679	53110063	-	26.71	28.56
ENSG00000108263	SLC45A2	protein_co chr5	33944616	33984730	-	0.03	0
ENSG00000108264	EDIL3	protein_co chr5	83940554	84384793	-	79.9	69.86
ENSG00000108265	TMEM161F	protein_co chr5	88189633	88269476	-	3.98	3.71
ENSG00000108266	ELOVL7	protein_co chr5	60751791	60844389	-	0.02	0.03
ENSG00000108267	NDUFAF2	protein_co chr5	60945129	61153037	+	16.11	14.8
ENSG00000108268	ZNF474	protein_co chr5	1.22E+08	1.22E+08	+	0.17	0.13
ENSG00000108269	LMBRD2	protein_co chr5	36098412	36151961	-	3.03	4.91
ENSG00000108270	RANBP3L	protein_co chr5	36248434	36302114	-	0.02	0
ENSG00000108271	NIPBL	protein_co chr5	36876759	37066413	+	9.93	10.5
ENSG00000108272	RNF180	protein_co chr5	64165844	64372869	+	0.02	0.07
ENSG00000108273	ADGRV1	protein_co chr5	90529344	91164437	+	1.56	0.38
ENSG00000108274	SLC25A46	protein_co chr5	1.11E+08	1.11E+08	+	16.11	15.66

ENSG0000(STAR4	protein_co chr5	1.11E+08	1.12E+08	-	15.66	15.39
ENSG0000(PGGT1B	protein_co chr5	1.15E+08	1.15E+08	-	10.12	8.61
ENSG0000(F2RL2	protein_co chr5	76615482	76623434	-	0.71	0.5
ENSG0000(CCDC112	protein_co chr5	1.15E+08	1.15E+08	-	3.08	2.91
ENSG0000(ANKRD33B	protein_co chr5	10564330	10657816	+	2.06	2.3
ENSG0000(CMBL	protein_co chr5	10275875	10308026	-	18.6	17.82
ENSG0000(C5orf63	protein_co chr5	1.27E+08	1.27E+08	-	3.01	2.45
ENSG0000(PRRC1	protein_co chr5	1.28E+08	1.28E+08	+	26.61	25.29
ENSG0000(F2RL1	protein_co chr5	76818933	76835315	+	1.53	1.19
ENSG0000(AGGF1	protein_co chr5	77029251	77065234	+	6.54	7.2
ENSG0000(WDR41	protein_co chr5	77425970	77620611	-	18.26	17.97
ENSG0000(PRDM9	protein_co chr5	23443586	23528597	+	0	0
ENSG0000(NDUFS4	protein_co chr5	53560633	53683340	+	49	57.75
ENSG0000(SCGB3A2	protein_co chr5	1.48E+08	1.48E+08	+	0.39	0.25
ENSG0000(SPINK1	protein_co chr5	1.48E+08	1.48E+08	-	0	0
ENSG0000(HTR4	protein_co chr5	1.48E+08	1.49E+08	-	0	0
ENSG0000(ESM1	protein_co chr5	54977864	55022671	-	6.82	5.51
ENSG0000(GRPEL2	protein_co chr5	1.49E+08	1.49E+08	+	4.22	4.41
ENSG0000(CDC20B	protein_co chr5	55112995	55173175	-	0.04	0.07
ENSG0000(ARSK	protein_co chr5	95555074	95605064	+	6.05	5.57
ENSG0000(RHOBTB3	protein_co chr5	95713522	95824383	+	41.46	45.07
ENSG0000(GPX8	protein_co chr5	55160118	55167071	+	74.42	68.81
ENSG0000(TIGD6	protein_co chr5	1.5E+08	1.5E+08	-	3.55	2.91
ENSG0000(SPZ1	protein_co chr5	80319625	80321842	+	0	0
ENSG0000(SERINC5	protein_co chr5	80111651	80256079	-	6.75	7.56
ENSG0000(ENPP6	protein_co chr4	1.84E+08	1.84E+08	-	0	0
ENSG0000(CAGE1	protein_co chr6	7326656	7389743	-	0.12	0
ENSG0000(CASP3	protein_co chr4	1.85E+08	1.85E+08	-	16.61	18.15
ENSG0000(PRIMPOL	protein_co chr4	1.85E+08	1.85E+08	+	4.45	4.82
ENSG0000(ERAP1	protein_co chr5	96760810	96808100	-	21.25	21.24
ENSG0000(ERAP2	protein_co chr5	96875939	96919716	+	16.14	17.95
ENSG0000(CMYA5	protein_co chr5	79689877	79800240	+	0.61	0.59
ENSG0000(EGFLAM	protein_co chr5	38258409	38465021	+	0.68	0.32
ENSG0000(CFAP97	protein_co chr4	1.85E+08	1.85E+08	-	9.47	12.53
ENSG0000(TMEM174	protein_co chr5	73173195	73175143	+	0	0
ENSG0000(CARTPT	protein_co chr5	71719163	71721048	+	0	0
ENSG0000(RICTOR	protein_co chr5	38937919	39074408	-	4.13	4.28
ENSG0000(PAPD4	protein_co chr5	79612120	79686648	+	15.63	14.13
ENSG0000(EBF1	protein_co chr5	1.59E+08	1.59E+08	-	2.5	2.58
ENSG0000(ANKRA2	protein_co chr5	73552335	73565686	-	14.34	21.34
ENSG0000(UBLCP1	protein_co chr5	1.59E+08	1.59E+08	+	7.7	7.13
ENSG0000(FAM170A	protein_co chr5	1.2E+08	1.2E+08	+	0	0.05
ENSG0000(UTP15	protein_co chr5	73565443	73583377	+	4.02	4.12
ENSG0000(TLR3	protein_co chr4	1.86E+08	1.86E+08	+	1.17	0.88
ENSG0000(KLKB1	protein_co chr4	1.86E+08	1.86E+08	+	0.12	0.7

ENSG000001NSA2	protein_co chr5	74766991	74780113	+	56.11	53.11
ENSG000001GFM2	protein_co chr5	74721204	74767371	-	8.08	9.07
ENSG000001TERT	protein_co chr5	1253147	1295069	-	0	0
ENSG000001SLC6A18	protein_co chr5	1225355	1246189	+	0	0
ENSG000001CCDC127	protein_co chr5	196871	218215	-	3.02	4.67
ENSG000001FOXQ1	protein_co chr6	1312440	1314748	+	0	0
ENSG000001LINC01600	lincRNA chr6	2621913	2634603	-	0.05	0.1
ENSG000001ADGRF2	protein_co chr6	47656436	47697797	+	0.02	0.09
ENSG000001ACSL6	protein_co chr5	1.32E+08	1.32E+08	-	0.28	0.32
ENSG000001IL3	protein_co chr5	1.32E+08	1.32E+08	+	0	0
ENSG000001CSF2	protein_co chr5	1.32E+08	1.32E+08	+	0.08	0.36
ENSG0000018-Sep	protein_co chr5	1.33E+08	1.33E+08	-	15.77	15.55
ENSG000001SHROOM1	protein_co chr5	1.33E+08	1.33E+08	-	5.53	2.45
ENSG000001GDF9	protein_co chr5	1.33E+08	1.33E+08	-	0.16	0.07
ENSG000001UQCRQ	protein_co chr5	1.33E+08	1.33E+08	+	131.73	140.52
ENSG000001LEAP2	protein_co chr5	1.33E+08	1.33E+08	+	0	0.17
ENSG000001GJB7	protein_co chr6	87282978	87329278	-	0	0
ENSG000001SLC35A1	protein_co chr6	87470623	87512336	+	11.9	11.68
ENSG000001GRIK2	protein_co chr6	1.01E+08	1.02E+08	+	0.22	0.86
ENSG000001MB21D1	protein_co chr6	73413515	73452276	-	0.84	0.61
ENSG000001FABP7	protein_co chr6	1.23E+08	1.23E+08	+	0	0
ENSG000001TLX3	protein_co chr5	1.71E+08	1.71E+08	+	0	0
ENSG000001TXLNB	protein_co chr6	1.39E+08	1.39E+08	-	0.24	0.52
ENSG000001CITED2	protein_co chr6	1.39E+08	1.39E+08	-	73.24	73.48
ENSG000001FAM26D	protein_co chr6	1.17E+08	1.17E+08	+	0	0
ENSG000001T	protein_co chr6	1.66E+08	1.66E+08	-	0	0
ENSG000001CREBRF	protein_co chr5	1.73E+08	1.73E+08	+	10.12	8.77
ENSG000001DCBLD1	protein_co chr6	1.17E+08	1.18E+08	+	7.6	5.22
ENSG000001SFXN1	protein_co chr5	1.75E+08	1.76E+08	+	19.74	17.57
ENSG000001SAMD3	protein_co chr6	1.3E+08	1.3E+08	-	1.22	0.46
ENSG000001TMEM200A	protein_co chr6	1.3E+08	1.3E+08	+	15.2	12.59
ENSG000001IL22RA2	protein_co chr6	1.37E+08	1.37E+08	-	0	0
ENSG000001DACT2	protein_co chr6	1.68E+08	1.68E+08	-	0.39	0.41
ENSG000001PDSS2	protein_co chr6	1.07E+08	1.07E+08	-	4.8	4.41
ENSG000001C7orf72	protein_co chr7	50096036	50159830	+	0	0
ENSG000001STXBP5	protein_co chr6	1.47E+08	1.47E+08	+	27.66	29.02
ENSG000001HIST1H2AA	protein_co chr6	25726132	25726527	-	0	0
ENSG000001IL31RA	protein_co chr5	55851379	55922853	+	0.1	0.06
ENSG000001ANKRD55	protein_co chr5	56099678	56233359	-	0.38	0.21
ENSG000001RAET1E	protein_co chr6	1.5E+08	1.5E+08	-	0.14	0.15
ENSG000001PI16	protein_co chr6	36948263	36964837	+	17.81	19.62
ENSG000001TBX20	protein_co chr7	35202430	35254147	-	3.12	3.76
ENSG000001DAGLB	protein_co chr7	6409126	6484190	-	9.36	9.42
ENSG000001KIAA0895	protein_co chr7	36324221	36390125	-	0.5	0.44
ENSG000001STK17A	protein_co chr7	43582758	43626786	+	10.09	11

ENSG0000(TRA2A	protein_co chr7	23504780	23532041 -	25.03	26.2
ENSG0000(FAM183BP	processed_chr7	38685346	38687037 -	0	0
ENSG0000(GALNT10	protein_co chr5	1.54E+08	1.54E+08 +	37.92	36.87
ENSG0000(SAP30L	protein_co chr5	1.54E+08	1.54E+08 +	12.41	12.87
ENSG0000(RPS14	protein_co chr5	1.5E+08	1.5E+08 -	925.59	946.87
ENSG0000(HCN1	protein_co chr5	45254950	45696498 -	0	0
ENSG0000(MYOZ3	protein_co chr5	1.51E+08	1.51E+08 +	0.75	1.09
ENSG0000(COG5	protein_co chr7	1.07E+08	1.08E+08 -	11.05	9.79
ENSG0000(NEUROD6	protein_co chr7	31337461	31340894 -	0	0
ENSG0000(BMT2	protein_co chr7	1.13E+08	1.13E+08 -	5.34	5
ENSG0000(GPR85	protein_co chr7	1.13E+08	1.13E+08 -	0.02	0.04
ENSG0000(SLU7	protein_co chr5	1.6E+08	1.6E+08 -	33.51	28.18
ENSG0000(RP9	protein_co chr7	33094797	33109401 -	10.06	10.89
ENSG0000(PTTG1	protein_co chr5	1.6E+08	1.6E+08 +	4.95	3.73
ENSG0000(CAMLG	protein_co chr5	1.35E+08	1.35E+08 +	25.83	27.86
ENSG0000(FBXL21	transcribed chr5	1.36E+08	1.36E+08 +	8.3	8.19
ENSG0000(BMPER	protein_co chr7	33904911	34155872 +	32.19	25.35
ENSG0000(RELL2	protein_co chr5	1.42E+08	1.42E+08 +	2.47	2.81
ENSG0000(SMAD5-AS	antisense chr5	1.36E+08	1.36E+08 -	0.31	0.41
ENSG0000(KCNK5	protein_co chr6	39188973	39229450 -	0.03	0
ENSG0000(KIF6	protein_co chr6	39329990	39725405 -	0.03	0.03
ENSG0000(ZNF12	protein_co chr7	6688433	6706923 -	6.48	6.09
ENSG0000(SLC29A4	protein_co chr7	5274369	5306870 +	1.4	2
ENSG0000(C7orf62	protein_co chr7	88794106	88795721 -	0	0
ENSG0000(STEAP1	protein_co chr7	90154375	90164829 +	35.58	29.6
ENSG0000(CDCA7L	protein_co chr7	21900900	21946084 -	2.65	4.85
ENSG0000(SP8	protein_co chr7	20782283	20786886 -	0	0
ENSG0000(MIOS	protein_co chr7	7566872	7608929 +	4.34	5.43
ENSG0000(KIAA1324L	protein_co chr7	86876906	87059699 -	7.8	8.69
ENSG0000(USP49	protein_co chr6	41789896	41895361 -	2.16	2.12
ENSG0000(INTS4P1	transcribed chr7	65141225	65234216 +	0.71	0.52
ENSG0000(SYTL3	protein_co chr6	1.59E+08	1.59E+08 +	1.23	1.3
ENSG0000(IQUB	protein_co chr7	1.23E+08	1.24E+08 -	0.22	0.35
ENSG0000(HEY1	protein_co chr8	79764010	79767863 -	1.89	1.75
ENSG0000(ZNF704	protein_co chr8	80628451	80874781 -	0.03	0.05
ENSG0000(FABP5	protein_co chr8	81280363	81284777 +	1.58	2.83
ENSG0000(SHH	protein_co chr7	1.56E+08	1.56E+08 -	0	0.08
ENSG0000(TAGAP	protein_co chr6	1.59E+08	1.59E+08 -	0	0
ENSG0000(COL1A2	protein_co chr7	94394561	94431232 +	5890.78	5911.46
ENSG0000(FNDC1	protein_co chr6	1.59E+08	1.59E+08 +	4.15	4.19
ENSG0000(CHMP4C	protein_co chr8	81732434	81759515 +	0.03	0.07
ENSG0000(SLC13A4	protein_co chr7	1.36E+08	1.36E+08 -	0.11	0.51
ENSG0000(PGAM2	protein_co chr7	44062727	44065587 -	0.07	0
ENSG0000(BRI3	protein_co chr7	98252379	98310441 +	163.24	149.54
ENSG0000(LMTK2	protein_co chr7	98106885	98209633 +	2.96	3.15

ENSG0000(SLC35G3	protein_co chr17	35192520	35194523 -	0	0
ENSG0000(CTSB	protein_co chr8	11842524	11869448 -	587.86	574.7
ENSG0000(SOX17	protein_co chr8	54457935	54460888 +	5.8	5.3
ENSG0000(SEPT7P5	processed_chr7	63495799	63502536 +	0	0
ENSG0000(DLC1	protein_co chr8	13083361	13604610 -	13.07	15.79
ENSG0000(ADCY1	protein_co chr7	45574140	45723116 +	0	0.01
ENSG0000(C8orf48	protein_co chr8	13566843	13568287 +	1.24	1.54
ENSG0000(SUN3	protein_co chr7	47987148	48029119 -	0	0
ENSG0000(C7orf57	protein_co chr7	48035511	48061304 +	0.09	0
ENSG0000(HNF4G	protein_co chr8	75407914	75566843 +	0	0
ENSG0000(PEX2	protein_co chr8	76980258	77001044 -	34.27	37.54
ENSG0000(RAD21	protein_co chr8	1.17E+08	1.17E+08 -	25.55	24.97
ENSG0000(SLC30A8	protein_co chr8	1.17E+08	1.17E+08 +	0	0
ENSG0000(MED30	protein_co chr8	1.18E+08	1.18E+08 +	6.33	10.07
ENSG0000(TNFRSF11E	protein_co chr8	1.19E+08	1.19E+08 -	21.94	16.75
ENSG0000(SBSPON	protein_co chr8	73064540	73124088 -	0	0
ENSG0000(PHKG1	protein_co chr7	56080283	56092996 -	0.52	0.67
ENSG0000(EN2	protein_co chr7	1.55E+08	1.55E+08 +	0	0.03
ENSG0000(KCNV1	protein_co chr8	1.1E+08	1.1E+08 -	0	0.02
ENSG0000(CSMD3	protein_co chr8	1.12E+08	1.13E+08 -	0.02	0
ENSG0000(SPDR	protein_co chr8	47260575	47736306 +	21.9	19.2
ENSG0000(ORC5	protein_co chr7	1.04E+08	1.04E+08 -	6.49	6
ENSG0000(DEFA5	protein_co chr8	7055304	7056734 -	0	0
ENSG0000(DNAAF5	protein_co chr7	726701	786475 +	8.02	9.14
ENSG0000(DEFA4	protein_co chr8	6935822	6938338 -	0	0
ENSG0000(DEFA6	protein_co chr8	6924693	6926076 -	0	0
ENSG0000(OSGIN2	protein_co chr8	89901859	89927888 +	7.97	9.25
ENSG0000(DEFB1	protein_co chr8	6870575	6878022 -	0	0
ENSG0000(SUN1	protein_co chr7	816615	896435 +	54.59	53.78
ENSG0000(OXR1	protein_co chr8	1.06E+08	1.07E+08 +	11.13	13
ENSG0000(TMEM74	protein_co chr8	1.09E+08	1.09E+08 -	0	0.04
ENSG0000(FAM86FP	transcribec chr12	8232512	8242948 -	0.47	0.52
ENSG0000(GPR146	protein_co chr7	1044576	1059261 +	8.86	7.83
ENSG0000(GPER1	protein_co chr7	1082208	1093815 +	5.65	5.44
ENSG0000(UNCX	protein_co chr7	1232907	1237318 +	0	0
ENSG0000(TMEM184	protein_co chr7	1542235	1560821 -	0.01	0.25
ENSG0000(NOS3	protein_co chr7	1.51E+08	1.51E+08 +	0.79	0.53
ENSG0000(SPAG11B	protein_co chr8	7442684	7463674 -	0	0
ENSG0000(MICALL2	protein_co chr7	1428465	1459502 -	12.69	10.63
ENSG0000(CA3	protein_co chr8	85373436	85449040 +	0	0.14
ENSG0000(INTS1	protein_co chr7	1470277	1504367 -	15.48	16.55
ENSG0000(CDK5	protein_co chr7	1.51E+08	1.51E+08 -	10.27	9.99
ENSG0000(SLC4A2	protein_co chr7	1.51E+08	1.51E+08 +	42.54	44.37
ENSG0000(SLC7A13	protein_co chr8	86214052	86321146 -	0	0
ENSG0000(FASTK	protein_co chr7	1.51E+08	1.51E+08 -	31.35	34.47

ENSG0000(TMUB1	protein_co chr7	1.51E+08	1.51E+08 -	20.1	23.76
ENSG0000(FMC1	protein_co chr7	1.39E+08	1.39E+08 +	4.55	5.08
ENSG0000(GBX1	protein_co chr7	1.51E+08	1.51E+08 -	0	0
ENSG0000(PHAX	protein_co chr5	1.27E+08	1.27E+08 +	17.06	19.68
ENSG0000(ALDH7A1	protein_co chr5	1.27E+08	1.27E+08 -	31.64	28.85
ENSG0000(FOXK1	protein_co chr7	4682309	4771443 +	5.17	5.03
ENSG0000(COX6C	protein_co chr8	99873200	99894062 -	93.1	120.51
ENSG0000(OSR2	protein_co chr8	98944403	98952104 +	5.58	10.39
ENSG0000(YWHAZ	protein_co chr8	1.01E+08	1.01E+08 -	204.99	202.12
ENSG0000(BAALC	protein_co chr8	1.03E+08	1.03E+08 +	0.38	1.49
ENSG0000(FZD6	protein_co chr8	1.03E+08	1.03E+08 +	21.02	24.8
ENSG0000(CTHRC1	protein_co chr8	1.03E+08	1.03E+08 +	34	38.42
ENSG0000(SLC25A32	protein_co chr8	1.03E+08	1.03E+08 -	6.98	7.54
ENSG0000(DCAF13	protein_co chr8	1.03E+08	1.03E+08 +	14.14	15.45
ENSG0000(DCSTAMP	protein_co chr8	1.04E+08	1.04E+08 +	0	0
ENSG0000(TP53INP1	protein_co chr8	94925972	94949411 -	11.93	13.43
ENSG0000(INTS8	protein_co chr8	94813311	94881746 +	14.3	14.49
ENSG0000(KIAA1429	protein_co chr8	94487693	94553529 -	11.55	13.4
ENSG0000(FREM1	protein_co chr9	14734666	14910995 -	0.01	0.01
ENSG0000(GEM	protein_co chr8	94249253	94262350 -	9.74	12.26
ENSG0000(PDP1	protein_co chr8	93857807	93926066 +	42.42	36.84
ENSG0000(TMEM67	protein_co chr8	93754844	93819234 +	9.34	7.92
ENSG0000(WASHC5	protein_co chr8	1.25E+08	1.25E+08 -	26.62	25.84
ENSG0000(RPP25L	protein_co chr9	34610486	34612104 -	12.5	14.26
ENSG0000(FAM219A	protein_co chr9	34398184	34458570 -	9.2	9.23
ENSG0000(C9orf24	protein_co chr9	34379019	34397832 -	0	0
ENSG0000(SNAPC3	protein_co chr9	15422704	15465953 +	12.61	9.87
ENSG0000(KIAA1161	protein_co chr9	34366670	34376853 -	1.41	1.79
ENSG0000(NUDT2	protein_co chr9	34329506	34343713 +	25.56	24.18
ENSG0000(TMEM65	protein_co chr8	1.24E+08	1.24E+08 -	3.17	2.86
ENSG0000(PSIP1	protein_co chr9	15464066	15511019 -	20.04	21.32
ENSG0000(CCDC171	protein_co chr9	15553086	16061663 +	0.73	1.08
ENSG0000(UBAP1	protein_co chr9	34179005	34252523 +	25.09	25.95
ENSG0000(DIRAS2	protein_co chr9	90609832	90643105 -	0.4	0.62
ENSG0000(SYK	protein_co chr9	90801787	90898549 +	0	0
ENSG0000(NIPSNAP3E	protein_co chr9	1.05E+08	1.05E+08 +	0.81	0.78
ENSG0000(ABCA1	protein_co chr9	1.05E+08	1.05E+08 -	10.5	10.36
ENSG0000(NFIL3	protein_co chr9	91409045	91423862 -	13.26	11.1
ENSG0000(LETM2	protein_co chr8	38386207	38409527 +	3.34	1.28
ENSG0000(METTL2B	protein_co chr7	1.28E+08	1.29E+08 +	5.79	5.77
ENSG0000(PRKACG	protein_co chr9	69012529	69014113 -	0	0
ENSG0000(FXN	protein_co chr9	69035259	69100178 +	5.43	3.98
ENSG0000(ZMAT4	protein_co chr8	40530590	40897833 -	3.19	3.03
ENSG0000(NKX6-3	protein_co chr8	41645178	41650669 -	0	0
ENSG0000(TMEM71	protein_co chr8	1.33E+08	1.33E+08 -	0.13	0.14

ENSG0000(MAMDC2	protein_co chr9	70043581	70226970	+	0.64	0.88
ENSG0000(PRSS37	protein_co chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(CPA6	protein_co chr8	67422038	67746385	-	0.39	0.5
ENSG0000(C8orf34	protein_co chr8	68330722	68819022	+	0.17	0
ENSG0000(TMC1	protein_co chr9	72521801	72836351	+	0.08	0.32
ENSG0000(ALDH1A1	protein_co chr9	72900662	73080442	-	0.16	0.03
ENSG0000(KDM1B	protein_co chr6	18155329	18223853	+	3.78	4.02
ENSG0000(HGSNAT	protein_co chr8	43140455	43202855	+	26.41	26.81
ENSG0000(RASEF	protein_co chr9	82979585	83063177	-	2.18	2.33
ENSG0000(GKAP1	protein_co chr9	83739421	83829516	-	0.89	1.55
ENSG0000(KIF27	protein_co chr9	83836698	83921465	-	1.44	2.08
ENSG0000(C9orf64	protein_co chr9	83938311	83956986	-	5.27	4.98
ENSG0000(HNRNPK	protein_co chr9	83968083	83980616	-	207.88	207
ENSG0000(SSMEM1	protein_co chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-213G	transcribed chr9	85805359	85849542	+	1.22	1.02
ENSG0000(SVEP1	protein_co chr9	1.1E+08	1.11E+08	-	48.83	48.41
ENSG0000(TRPV6	protein_co chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(C7orf34	protein_co chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(ANKS6	protein_co chr9	98731329	98796965	-	7.18	6.67
ENSG0000(FBP1	protein_co chr9	94603133	94640249	-	0.2	0
ENSG0000(TMEM246	protein_co chr9	1.01E+08	1.02E+08	-	1.12	1.12
ENSG0000(ZHX1	protein_co chr8	1.23E+08	1.23E+08	-	12.52	13.75
ENSG0000(CFAP47	protein_co chrX	35919734	36385319	+	0	0
ENSG0000(CYBB	protein_co chrX	37780011	37813461	+	0	0.03
ENSG0000(DYNLT3	protein_co chrX	37836757	37847637	-	13.67	12.5
ENSG0000(WBSCR27	protein_co chr7	73834590	73842535	-	5.31	5.42
ENSG0000(MID1IP1	protein_co chrX	38801432	38806537	+	20.26	18.95
ENSG0000(NCF1C	unprocess€ chr7	75156639	75172044	-	0	0
ENSG0000(C9orf84	protein_co chr9	1.12E+08	1.12E+08	-	0.01	0.06
ENSG0000(CXorf58	protein_co chrX	23907801	23939507	+	0	0
ENSG0000(KIAA1958	protein_co chr9	1.12E+08	1.13E+08	+	0.07	0.16
ENSG0000(PTCHD1	protein_co chrX	23334016	23404372	+	0	0.01
ENSG0000(RNF183	protein_co chr9	1.13E+08	1.13E+08	-	0.02	0.15
ENSG0000(ASB11	protein_co chrX	15281697	15315656	-	0	0
ENSG0000(PCDH19	protein_co chrX	1E+08	1E+08	-	0.01	0
ENSG0000(PIGA	protein_co chrX	15319451	15335580	-	3.78	3.28
ENSG0000(VEGFD	protein_co chrX	15345591	15384376	-	0.6	1.38
ENSG0000(OR1Q1	protein_co chr9	1.23E+08	1.23E+08	+	3.59	2.73
ENSG0000(OR1K1	protein_co chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(STRBP	protein_co chr9	1.23E+08	1.23E+08	-	0.91	0.92
ENSG0000(CLDN3	protein_co chr7	73768997	73770270	-	0	0
ENSG0000(GAPVD1	protein_co chr9	1.25E+08	1.25E+08	+	10.13	8.79
ENSG0000(CARD19	protein_co chr9	93096218	93113283	+	28.89	26.69
ENSG0000(WNK2	protein_co chr9	93184916	93320572	+	0	0
ENSG0000(ATP7A	protein_co chrX	77910656	78050395	+	2.78	3.26

ENSG0000(ZNF367	protein_co chr9	96385941	96418329	-	0.07	0.15
ENSG0000(NLGN4Y	protein_co chrY	14522638	14845650	+	7	8.2
ENSG0000(HDX	protein_co chrX	84317874	84502479	-	0.5	0.8
ENSG0000(NDUFB6	protein_co chr9	32552999	32573184	-	24.4	30.18
ENSG0000(AQP7	protein_co chr9	33383179	33402682	-	0.18	0.28
ENSG0000(NOL6	protein_co chr9	33461441	33473930	-	7.93	7.42
ENSG0000(AQP3	protein_co chr9	33441154	33447611	-	4.67	4.77
ENSG0000(TRMT10B	protein_co chr9	37753803	37778972	+	3.56	3.61
ENSG0000(VCP	protein_co chr9	35056064	35073249	-	68.59	70.05
ENSG0000(PIGO	protein_co chr9	35088688	35096601	-	8.93	7.27
ENSG0000(STOML2	protein_co chr9	35099776	35103195	-	45.4	46.1
ENSG0000(BRWD3	protein_co chrX	80670854	80809688	-	3.23	3.38
ENSG0000(SLITRK5	protein_co chr13	87672615	87696272	+	0.02	0.03
ENSG0000(MELK	protein_co chr9	36572862	36677683	+	1.33	0.76
ENSG0000(ARMC3	protein_co chr10	22928024	23038523	+	0	0
ENSG0000(OTUD1	protein_co chr10	23439458	23442390	+	2.66	2.73
ENSG0000(ARHGAP12	protein_co chr10	31805404	31928876	-	11.42	17.63
ENSG0000(FAT3	protein_co chr11	92352096	92896470	+	0.11	0.44
ENSG0000(DEUP1	protein_co chr11	93329971	93438487	+	0	0
ENSG0000(HECTD2	protein_co chr10	91409280	91514829	+	3.68	3.67
ENSG0000(SLC7A3	protein_co chrX	70925582	70931125	-	0	0
ENSG0000(FBXO33	protein_co chr14	39397669	39432500	-	2.71	2.67
ENSG0000(INTS6L	protein_co chrX	1.36E+08	1.36E+08	+	2.42	2.36
ENSG0000(GPR101	protein_co chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(CLDN2	protein_co chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(LRFN5	protein_co chr14	41607570	41904549	+	0.05	0.16
ENSG0000(LRRC18	protein_co chr10	48909483	48914232	-	0	0
ENSG0000(SPTSSA	protein_co chr14	34432789	34462356	-	8.56	9.72
ENSG0000(WRN	protein_co chr8	31033801	31173769	+	3.26	3.07
ENSG0000(8-Mar	protein_co chr10	45454585	45594906	-	16.59	15.61
ENSG0000(TSHR	protein_co chr14	80954989	81146302	+	0	0
ENSG0000(CFL2	protein_co chr14	34706769	34714823	-	61.66	58.89
ENSG0000(SUGT1	protein_co chr13	52652709	52700909	+	25.81	23.52
ENSG0000(GTF2A1	protein_co chr14	81175452	81221377	-	10.26	11.05
ENSG0000(ZCCHC24	protein_co chr10	79382325	79445627	-	41.32	44.32
ENSG0000(PGM2L1	protein_co chr11	74330318	74398473	-	0.99	1.02
ENSG0000(PHYHIPL	protein_co chr10	59176590	59247774	+	0	0
ENSG0000(SLC16A9	protein_co chr10	59650761	59736002	-	1.25	1.33
ENSG0000(FOLR2	protein_co chr11	72216601	72221950	+	0	0
ENSG0000(INPPL1	protein_co chr11	72223701	72239105	+	47.44	40.97
ENSG0000(PHOX2A	protein_co chr11	72239077	72245664	-	0	0
ENSG0000(MBL2	protein_co chr10	52765380	52771700	-	0	0
ENSG0000(GJB2	protein_co chr13	20187470	20192898	-	0.02	0
ENSG0000(CRYL1	protein_co chr13	20403667	20525857	-	12.63	12.45
ENSG0000(REEP3	protein_co chr10	63521363	63625123	+	12.07	11.73

ENSG0000(HEPACAM	protein_co chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(SKA3	protein_co chr13	21153595	21176602	-	0.07	0.04
ENSG0000(MICU2	protein_co chr13	21492691	21604214	-	14.33	12.85
ENSG0000(DDIAS	protein_co chr11	82899975	82958277	+	0.08	1.49
ENSG0000(PCF11	protein_co chr11	83156988	83187451	+	18.88	13.92
ENSG0000(PKNOX2	protein_co chr11	1.25E+08	1.25E+08	+	5.53	4.97
ENSG0000(RPL10L	protein_co chr14	46651010	46651821	-	0	0
ENSG0000(LRR1	protein_co chr14	49598697	49614672	+	2.12	1.71
ENSG0000(RPL36AL	protein_co chr14	49618519	49620685	-	111.81	117.36
ENSG0000(DNAAF2	protein_co chr14	49625174	49635230	-	2.18	3.17
ENSG0000(C10orf10	protein_co chr10	44970981	44978810	-	177.93	175.19
ENSG0000(MAGEC3	protein_co chrX	1.42E+08	1.42E+08	+	0	0
ENSG0000(C10orf25	antisense chr10	44997698	45000888	-	0.56	0.43
ENSG0000(ZNF22	protein_co chr10	45000475	45005326	+	8.43	8.97
ENSG0000(KLHDC2	protein_co chr14	49767608	49786385	+	32.77	34.24
ENSG0000(EML5	protein_co chr14	88612431	88792752	-	0.05	0.05
ENSG0000(NEMF	protein_co chr14	49782083	49853203	-	16.52	18.29
ENSG0000(RPUUSD4	protein_co chr11	1.26E+08	1.26E+08	-	14.64	15.2
ENSG0000(ARF6	protein_co chr14	49893092	49897054	+	13.1	13.17
ENSG0000(TTC8	protein_co chr14	88824153	88881078	+	19.9	20.96
ENSG0000(TMEM63C	protein_co chr14	77116568	77259495	+	0	0
ENSG0000(NGB	protein_co chr14	77265483	77271312	-	0	0
ENSG0000(NOXRED1	protein_co chr14	77394021	77423517	-	0.09	0.13
ENSG0000(CDX2	protein_co chr13	27962137	27971139	-	0	0
ENSG0000(AMER2	protein_co chr13	25161684	25172288	-	0	0
ENSG0000(AKR1E2	protein_co chr10	4786629	4848062	+	0.21	0.53
ENSG0000(KBTBD6	protein_co chr13	41127569	41132746	-	1.62	1.95
ENSG0000(SSX5	protein_co chrX	48186220	48196763	-	0	0
ENSG0000(SSX3	protein_co chrX	48346428	48356707	-	0	0
ENSG0000(OTX2	protein_co chr14	56799905	56810479	-	0	0
ENSG0000(FAAH2	protein_co chrX	57286706	57489196	+	0.03	0.06
ENSG0000(DRGX	protein_co chr10	49364181	49396016	-	0	0
ENSG0000(NUDT5	protein_co chr10	12165325	12196144	-	44.2	39.4
ENSG0000(DACT1	protein_co chr14	58633967	58648321	+	33.52	30.33
ENSG0000(OXGR1	protein_co chr13	96985719	96994730	-	0	0.12
ENSG0000(UCMA	protein_co chr10	13221767	13234334	-	0	0
ENSG0000(BEND7	protein_co chr10	13438484	13528974	-	1.62	1.74
ENSG0000(ATP5C1	protein_co chr10	7788129	7807815	+	96.91	96.21
ENSG0000(PRPF18	protein_co chr10	13586927	13630868	+	7.77	7.35
ENSG0000(TAF3	protein_co chr10	7818504	8016627	+	2.25	2.74
ENSG0000(VSTM4	protein_co chr10	49014245	49115509	-	2.17	2.33
ENSG0000(VDAC2	protein_co chr10	75210154	75231448	+	77.61	72.78
ENSG0000(SOHLH1	protein_co chr9	1.36E+08	1.36E+08	-	0.04	0
ENSG0000(COMTD1	protein_co chr10	75233969	75236030	-	7.37	7.25
ENSG0000(SLC18A2	protein_co chr10	1.17E+08	1.17E+08	+	0	0

ENSG0000(PDZD8	protein_co chr10	1.17E+08	1.17E+08 -	7.43	9.32
ENSG0000(ZNF503	protein_co chr10	75397830	75401906 -	14.63	12.87
ENSG0000(FAM175B	protein_co chr10	1.25E+08	1.25E+08 +	4.53	3.98
ENSG0000(QSOX2	protein_co chr9	1.36E+08	1.36E+08 -	5.06	4.91
ENSG0000(FAM204A	protein_co chr10	1.18E+08	1.18E+08 -	19.87	23.29
ENSG0000(NSD1	protein_co chr5	1.77E+08	1.77E+08 +	12.11	10.67
ENSG0000(PRDX3	protein_co chr10	1.19E+08	1.19E+08 -	49.02	48.14
ENSG0000(ENOX2	protein_co chrX	1.31E+08	1.31E+08 -	6.65	5.68
ENSG0000(GHITM	protein_co chr10	84139440	84153245 +	55.46	55.14
ENSG0000(CLEC1B	protein_co chr12	9985642	10013424 -	0	0
ENSG0000(SNAPC4	protein_co chr9	1.36E+08	1.36E+08 -	5.37	5.81
ENSG0000(TMEM52B	protein_co chr12	10170542	10191801 +	0	0
ENSG0000(PMPCA	protein_co chr9	1.36E+08	1.36E+08 +	18.44	16.31
ENSG0000(SDCCAG3	protein_co chr9	1.36E+08	1.36E+08 -	18.49	20.81
ENSG0000(FRMD7	protein_co chrX	1.32E+08	1.32E+08 -	0	0
ENSG0000(AK8	protein_co chr9	1.33E+08	1.33E+08 -	0.75	0.61
ENSG0000(SPACA9	protein_co chr9	1.33E+08	1.33E+08 +	4.23	5.2
ENSG0000(TSC1	protein_co chr9	1.33E+08	1.33E+08 -	8.4	10.42
ENSG0000(GFI1B	protein_co chr9	1.33E+08	1.33E+08 +	0	0.04
ENSG0000(HPRT1	protein_co chrX	1.34E+08	1.35E+08 +	16.12	13.29
ENSG0000(BORCS5	protein_co chr12	12357079	12469694 +	3.62	6.43
ENSG0000(FAM69B	protein_co chr9	1.37E+08	1.37E+08 +	4.51	5.53
ENSG0000(ZMYND19	protein_co chr9	1.38E+08	1.38E+08 -	8.46	8
ENSG0000(STOX1	protein_co chr10	68827541	68895432 +	0	0.06
ENSG0000(RET	protein_co chr10	43077027	43130351 +	0	0.04
ENSG0000(DDX21	protein_co chr10	68956128	68985073 +	12.85	12.17
ENSG0000(BMS1	protein_co chr10	42782801	42834937 +	4.53	3.85
ENSG0000(STK32C	protein_co chr10	1.32E+08	1.32E+08 -	6.79	5.69
ENSG0000(KIAA1462	protein_co chr10	30012800	30115494 -	0.61	0.66
ENSG0000(OR4K2	protein_co chr14	19876232	19877309 +	0	0
ENSG0000(FUNDC2	protein_co chrX	1.55E+08	1.55E+08 +	60.97	56.46
ENSG0000(TMEM55B	protein_co chr14	20457719	20461612 -	22.53	23.29
ENSG0000(METTL17	protein_co chr14	20989770	20997035 +	23.18	25.55
ENSG0000(SLC39A2	protein_co chr14	20999255	21001871 +	0.9	0.37
ENSG0000(NDRG2	protein_co chr14	21016763	21070872 -	4.74	7.12
ENSG0000(RNASE7	protein_co chr14	21042226	21044234 +	0	0
ENSG0000(ARHGEF40	protein_co chr14	21070270	21090240 +	16.77	16.5
ENSG0000(NSMF	protein_co chr9	1.37E+08	1.37E+08 -	12.98	12.13
ENSG0000(ZNF219	protein_co chr14	21090046	21104722 -	21.18	21.28
ENSG0000(C12orf50	protein_co chr12	87980035	88034037 -	2.14	2.57
ENSG0000(CASP7	protein_co chr10	1.14E+08	1.14E+08 +	9.13	9.28
ENSG0000(PPP1R36	protein_co chr14	64549902	64589380 +	0.23	0.05
ENSG0000(BTNL9	protein_co chr5	1.81E+08	1.81E+08 +	0	0.32
ENSG0000(CCDC186	protein_co chr10	1.14E+08	1.14E+08 -	3.93	5.32
ENSG0000(VWA2	protein_co chr10	1.14E+08	1.14E+08 +	0.04	0

ENSG0000(METTL3	protein_co chr14	21498133	21511375 -	15.29	15.46
ENSG0000(SALL2	protein_co chr14	21521081	21537216 -	6.78	6.09
ENSG0000(PRAP1	protein_co chr10	1.33E+08	1.33E+08 +	0	0
ENSG0000(TRUB1	protein_co chr10	1.15E+08	1.15E+08 +	8.29	6.52
ENSG0000(ERICH6B	protein_co chr13	45534522	45615739 -	0	0
ENSG0000(CYP2C19	protein_co chr10	94762624	94853260 +	0	0
ENSG0000(ZFYVE1	protein_co chr14	72969451	73027212 -	14.23	15.3
ENSG0000(C10orf82	protein_co chr10	1.17E+08	1.17E+08 -	0.07	0.16
ENSG0000(HSPA12A	protein_co chr10	1.17E+08	1.17E+08 -	1.98	3.14
ENSG0000(FAM35BP	transcribec chr10	46610474	46652025 -	1.09	1.17
ENSG0000(FRAT1	protein_co chr10	97319267	97321915 +	0.95	1.45
ENSG0000(UBTD1	protein_co chr10	97498868	97571209 +	23.9	24.98
ENSG0000(ANKRD2	protein_co chr10	97572499	97583884 +	0	0
ENSG0000(E2F7	protein_co chr12	77021247	77065580 -	1.92	2.18
ENSG0000(ARHGAP42	protein_co chr11	1.01E+08	1.01E+08 +	3.07	2.9
ENSG0000(ISCA2	protein_co chr14	74493720	74497106 +	8.55	9.69
ENSG0000(OTOGL	protein_co chr12	80209453	80379090 +	0.03	0.01
ENSG0000(LARGE2	protein_co chr11	45921621	45929096 +	0	0
ENSG0000(PACSIN3	protein_co chr11	47177525	47186443 -	12.32	12.32
ENSG0000(TTC7B	protein_co chr14	90524564	90816479 -	13.03	15.76
ENSG0000(SLC39A13	protein_co chr11	47407132	47416501 +	48.69	48.64
ENSG0000(PSMC3	protein_co chr11	47418769	47426473 -	46.69	44.73
ENSG0000(RAPSN	protein_co chr11	47437757	47449178 -	0.04	0.47
ENSG0000(AGBL2	protein_co chr11	47659591	47715389 -	2.09	1.97
ENSG0000(TC2N	protein_co chr14	91779751	91867536 -	0	0.03
ENSG0000(CPSF2	protein_co chr14	92121937	92172145 +	14.64	14.89
ENSG0000(SMCO2	protein_co chr12	27466810	27502185 +	0.07	0.15
ENSG0000(MOAP1	protein_co chr14	93182196	93184928 -	8.64	7.56
ENSG0000(IFI27L1	protein_co chr14	94081282	94103846 +	16.47	15.37
ENSG0000(IFI27	protein_co chr14	94104836	94116698 +	139.09	92.86
ENSG0000(SERPINA12	protein_co chr14	94487274	94517844 -	0	0
ENSG0000(CLMN	protein_co chr14	95181940	95319906 -	0.48	0.97
ENSG0000(PDZRN4	protein_co chr12	41188448	41574590 +	0	0
ENSG0000(SLC6A5	protein_co chr11	20599400	20659285 +	0	0
ENSG0000(CCDC38	protein_co chr12	95867048	95942974 -	0	0.02
ENSG0000(NELL1	protein_co chr11	20669551	21575681 +	0	0
ENSG0000(PTER	protein_co chr10	16436943	16513745 +	3.69	4.18
ENSG0000(C1QL3	protein_co chr10	16513743	16522005 -	0	0.02
ENSG0000(CACNB2	protein_co chr10	18140677	18541869 +	0.01	0.03
ENSG0000(HACD1	protein_co chr10	17589032	17617377 -	9.75	12.54
ENSG0000(ARL5B	protein_co chr10	18659405	18681639 +	2.75	2.51
ENSG0000(SMCO4	protein_co chr11	93478472	93543508 -	4.77	2.16
ENSG0000(CEP295	protein_co chr11	93661639	93730358 +	4.28	4.97
ENSG0000(KCNC2	protein_co chr12	75040077	75209868 -	0	0
ENSG0000(TRIM51HP	transcribec chr11	55291883	55298270 -	0	0

ENSG0000(TAF1D	protein_co chr11	93729948	93784391	-	40.67	38.71
ENSG0000(TRIM53BP	unprocessε chr11	89841997	89850970	+	0	0
ENSG0000(ABTB2	protein_co chr11	34150988	34358008	-	1.28	1.59
ENSG0000(R3HCC1L	protein_co chr10	98134624	98244897	+	5.72	6.27
ENSG0000(AMOTL1	protein_co chr11	94706431	94876753	+	10.22	10.89
ENSG0000(HTRA1	protein_co chr10	1.22E+08	1.23E+08	+	268.9	280.06
ENSG0000(LIPC	protein_co chr15	58410569	58569843	+	1.26	1.03
ENSG0000(CEP57	protein_co chr11	95789965	95832693	+	16.16	16.9
ENSG0000(TCP11L2	protein_co chr12	1.06E+08	1.06E+08	+	9.96	10.77
ENSG0000(PASD1	protein_co chrX	1.52E+08	1.52E+08	+	0	0
ENSG0000(SPRED1	protein_co chr15	38252326	38357249	+	7.04	7.09
ENSG0000(TMCO5A	protein_co chr15	37921939	37967724	+	0	0
ENSG0000(GPR176	protein_co chr15	39799032	39920892	-	98.59	95.91
ENSG0000(JAM3	protein_co chr11	1.34E+08	1.34E+08	+	44.66	40.56
ENSG0000(IL25	protein_co chr14	23372809	23376403	+	0	0
ENSG0000(CMTM5	protein_co chr14	23376808	23379772	+	0	0
ENSG0000(RP11-299H	transcribec chr15	62227896	62253235	-	0	0.05
ENSG0000(GLB1L3	protein_co chr11	1.34E+08	1.34E+08	+	0.05	0.03
ENSG0000(ADAMTS15	protein_co chr11	1.3E+08	1.3E+08	+	2.77	3.15
ENSG0000(SVOP	protein_co chr12	1.09E+08	1.09E+08	-	0.04	0.08
ENSG0000(SPATA19	protein_co chr11	1.34E+08	1.34E+08	-	0	0
ENSG0000(GPT2	protein_co chr16	46884378	46931297	+	4.83	6.15
ENSG0000(AMN	protein_co chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RAB8B	protein_co chr15	63189469	63267782	+	20.08	24.68
ENSG0000(IKBIP	protein_co chr12	98613405	98645113	-	25.18	23.74
ENSG0000(RPUSD2	protein_co chr15	40569300	40574943	+	2.9	3.24
ENSG0000(HIF1AN	protein_co chr10	1.01E+08	1.01E+08	+	11.26	11.52
ENSG0000(NDUFB8	protein_co chr10	1.01E+08	1.01E+08	-	90.93	81.95
ENSG0000(ZFYVE19	protein_co chr15	40807086	40815084	+	11.23	10.56
ENSG0000(PPP1R14D	protein_co chr15	40815445	40828709	-	0	0
ENSG0000(SPINT1	protein_co chr15	40844018	40858207	+	0.21	0.31
ENSG0000(FBN1	protein_co chr15	48408306	48645849	-	562.56	553.57
ENSG0000(AVPR1A	protein_co chr12	63142759	63150942	-	0.02	0.02
ENSG0000(C16orf78	protein_co chr16	49373823	49399431	+	0	0
ENSG0000(DEPDC4	protein_co chr12	1E+08	1E+08	-	0.14	0.48
ENSG0000(LRTM2	protein_co chr12	1820267	1836752	+	0	0
ENSG0000(OPN1MW2	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(BRD7	protein_co chr16	50313487	50368934	-	23.03	22.69
ENSG0000(CKB	protein_co chr14	1.04E+08	1.04E+08	-	4.93	9.57
ENSG0000(TRMT61A	protein_co chr14	1.04E+08	1.04E+08	+	5.71	5.5
ENSG0000(BTRC	protein_co chr10	1.01E+08	1.02E+08	+	5.12	5.59
ENSG0000(POLL	protein_co chr10	1.02E+08	1.02E+08	-	12.33	11.68
ENSG0000(BAG5	protein_co chr14	1.04E+08	1.04E+08	-	7.34	8.35
ENSG0000(DPCD	protein_co chr10	1.02E+08	1.02E+08	+	27.28	23.02
ENSG0000(LARP6	protein_co chr15	70829130	70854159	-	81.78	79.12

ENSG0000(API5	protein_co chr11	43311963	43344529	+	26.77	24.34
ENSG0000(ASPG	protein_co chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(ZNF319	protein_co chr16	57994668	58000453	-	4.07	4.92
ENSG0000(HPS6	protein_co chr10	1.02E+08	1.02E+08	+	8.45	8.75
ENSG0000(SENP8	protein_co chr15	72114258	72143688	+	1.42	1.04
ENSG0000(NOLC1	protein_co chr10	1.02E+08	1.02E+08	+	18.31	17.91
ENSG0000(ALKBH3	protein_co chr11	43880811	43920266	+	15.44	15.42
ENSG0000(COPS2	protein_co chr15	49106068	49155661	-	44.8	42.8
ENSG0000(GABRB3	protein_co chr15	26543546	26939539	-	0.04	0.25
ENSG0000(SPIC	protein_co chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(TBATA	protein_co chr10	70771239	70785401	-	0	0
ENSG0000(SGPL1	protein_co chr10	70815961	70881173	+	9.65	14.57
ENSG0000(FRS2	protein_co chr12	69470349	69579789	+	13.3	14.04
ENSG0000(CCT2	protein_co chr12	69585334	69601570	+	40.73	40.66
ENSG0000(PCBD1	protein_co chr10	70882280	70888784	-	22.04	21.75
ENSG0000(ARIH1	protein_co chr15	72474326	72602985	+	40.18	33.19
ENSG0000(C16orf71	protein_co chr16	4734272	4749396	+	0.6	1.05
ENSG0000(CLMP	protein_co chr11	1.23E+08	1.23E+08	-	74.14	76.76
ENSG0000(SCN3B	protein_co chr11	1.24E+08	1.24E+08	-	0.13	0.13
ENSG0000(COX11	protein_co chr17	54951902	54968785	-	13.1	14.88
ENSG0000(ZNF202	protein_co chr11	1.24E+08	1.24E+08	-	3.22	4.81
ENSG0000(FAM227B	protein_co chr15	49326962	49620931	-	1.46	2.13
ENSG0000(STXBP4	protein_co chr17	54968727	55173632	+	1.95	1.54
ENSG0000(CYR1	protein_co chr21	26466209	26573284	-	0	0
ENSG0000(CUL5	protein_co chr11	1.08E+08	1.08E+08	+	7.98	7.93
ENSG0000(MYRFL	protein_co chr12	69825304	69959097	+	0.02	0.09
ENSG0000(WBP1L	protein_co chr10	1.03E+08	1.03E+08	+	30.9	33.84
ENSG0000(BORCS7	protein_co chr10	1.03E+08	1.03E+08	+	8.18	7.79
ENSG0000(C2	protein_co chr6	31897785	31945672	+	4.03	5.01
ENSG0000(PLEKHF1	protein_co chr19	29665056	29675457	+	15.88	17.72
ENSG0000(TMEM100	protein_co chr17	55719627	55732121	-	0.54	0.14
ENSG0000(ANAPC16	protein_co chr10	72216000	72235860	+	32.06	37.75
ENSG0000(SMPD1	protein_co chr11	6390431	6394998	+	112.76	115.59
ENSG0000(APBB1	protein_co chr11	6395124	6419414	-	24.73	29.19
ENSG0000(SYNPO2L	protein_co chr10	73644881	73663803	-	0.22	0.16
ENSG0000(NUDT13	protein_co chr10	73110375	73131828	+	1.39	1.02
ENSG0000(C11orf65	protein_co chr11	1.08E+08	1.08E+08	-	0.49	0.47
ENSG0000(TRIM44	protein_co chr11	35662805	35818007	+	20.94	21.68
ENSG0000(CCDC182	protein_co chr17	57744481	57745312	-	0	0
ENSG0000(ILK	protein_co chr11	6603708	6610874	+	73.59	72.37
ENSG0000(TAF10	protein_co chr11	6606296	6612667	-	90.23	90.38
ENSG0000(TPP1	protein_co chr11	6612763	6619461	-	141	141.91
ENSG0000(DCHS1	protein_co chr11	6621323	6655854	-	0.71	0.7
ENSG0000(NETO1	protein_co chr18	72742314	72868146	-	0	0
ENSG0000(MSS51	protein_co chr10	73423579	73433561	-	0.76	0.77

ENSG0000(CYB5A	protein_co chr18	74250847	74292016	-	154.99	157.23
ENSG0000(USP54	protein_co chr10	73497538	73625953	-	6.26	5.65
ENSG0000(RAG1	protein_co chr11	36510709	36593156	+	0.38	0.14
ENSG0000(POTED	protein_co chr21	13609858	13641585	+	0	0
ENSG0000(C11orf74	protein_co chr11	36594493	36659290	+	13.29	16.84
ENSG0000(WDR88	protein_co chr19	33132090	33175795	+	0	0
ENSG0000(OR10A5	protein_co chr11	6845652	6846705	+	0	0
ENSG0000(OR2D2	protein_co chr11	6891490	6892599	-	0	0
ENSG0000(ATP9B	protein_co chr18	79069285	79378283	+	12.39	13.03
ENSG0000(PPFIBP2	protein_co chr11	7513298	7657127	+	10.71	11.95
ENSG0000(MOGAT2	protein_co chr11	75717819	75732958	+	0	0
ENSG0000(CYB5R2	protein_co chr11	7665100	7677222	-	5.28	5.92
ENSG0000(SERPINB7	protein_co chr18	63752935	63805376	+	0.03	0.03
ENSG0000(KIAA0355	protein_co chr19	34254537	34355586	+	7.75	6.7
ENSG0000(SERPINB8	protein_co chr18	63969925	64019779	+	17.66	13.65
ENSG0000(TUB	protein_co chr11	8019244	8106112	+	1.42	1.58
ENSG0000(RIC3	protein_co chr11	8106093	8169055	-	0.26	0
ENSG0000(LMO1	protein_co chr11	8224304	8268716	-	0	0
ENSG0000(OR5P1P	unprocessε chr11	7772890	7773814	-	0	0
ENSG0000(IDH3A	protein_co chr15	78131498	78171949	+	15.6	18.28
ENSG0000(WDR72	protein_co chr15	53513741	53762878	-	0.14	0
ENSG0000(CRABP1	protein_co chr15	78340324	78348230	+	0	0
ENSG0000(PLD4	protein_co chr14	1.05E+08	1.05E+08	+	0.01	0.04
ENSG0000(ZMAT1	protein_co chrX	1.02E+08	1.02E+08	-	0.57	0.41
ENSG0000(XRRA1	protein_co chr11	74807739	74949200	-	12.03	12.29
ENSG0000(TRIM66	protein_co chr11	8612037	8671866	-	3.36	3.41
ENSG0000(RNF169	protein_co chr11	74748868	74842413	+	3.38	3.87
ENSG0000(RPL27A	protein_co chr11	8682411	8714759	+	1077.6	1117.31
ENSG0000(ST5	protein_co chr11	8693351	8910951	-	36.19	39.77
ENSG0000(CDYL2	protein_co chr16	80597906	80804329	-	1.53	2.16
ENSG0000(TMEM130	protein_co chr7	98846488	98870771	-	0.77	0.72
ENSG0000(PRTG	protein_co chr15	55611546	55743090	-	1.91	1.41
ENSG0000(CENPN	protein_co chr16	81006498	81033114	+	4.91	2.64
ENSG0000(AKIP1	protein_co chr11	8911139	8920084	+	19.62	15.02
ENSG0000(ATMIN	protein_co chr16	81035847	81047358	+	19.3	18.32
ENSG0000(C16orf46	protein_co chr16	81053497	81077267	-	0	0
ENSG0000(TMEM41B	protein_co chr11	9280654	9314780	-	9.6	10.69
ENSG0000(PKD1L2	polymorph chr16	81100875	81220370	-	1.82	2.74
ENSG0000(LEO1	protein_co chr15	51938025	51971806	-	7.54	6.44
ENSG0000(ZNF143	protein_co chr11	9460319	9528524	+	9.08	9.09
ENSG0000(TMX3	protein_co chr18	68673688	68715298	-	18.68	16.69
ENSG0000(MFAP4	protein_co chr17	19383442	19387240	-	175.13	253.18
ENSG0000(WEE1	protein_co chr11	9573681	9593457	+	12.05	13.1
ENSG0000(MAPK7	protein_co chr17	19377721	19383544	+	16.79	15.31
ENSG0000(FAM86GP	unprocessε chr11	3410352	3422496	-	0	0

ENSG00000100000	PRKCB	protein_co chr16	23836001	24220611	+	0	0
ENSG00000100000	RP11-382A	protein_co chr15	83112738	83208018	-	18.81	18.9
ENSG00000100000	NDST2	protein_co chr10	73801911	73811798	-	8.59	10.3
ENSG00000100000	MCM7	protein_co chr7	1E+08	1E+08	-	18.73	22.96
ENSG00000100000	CLEC3A	protein_co chr16	78022515	78066761	+	0	0
ENSG00000100000	CCDC68	protein_co chr18	54901509	54959508	-	1.9	2.53
ENSG00000100000	CLEC4E	protein_co chr12	8533305	8540963	-	0	0
ENSG00000100000	ZNF3	protein_co chr7	1E+08	1E+08	-	9.74	12
ENSG00000100000	CLEC4D	protein_co chr12	8509475	8522366	+	0	0
ENSG00000100000	ZSCAN21	protein_co chr7	1E+08	1E+08	+	3.94	3.93
ENSG00000100000	HSBP1P2	processed_chr4	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	RIMKLB	protein_co chr12	8681600	8783095	+	16.54	15.7
ENSG00000100000	A2ML1	protein_co chr12	8822472	8887001	+	0	0
ENSG00000100000	BEAN1	protein_co chr16	66427297	66493529	+	0.85	1.43
ENSG00000100000	TK2	protein_co chr16	66508003	66552544	-	23.17	20.35
ENSG00000100000	TMED3	protein_co chr15	79311062	79427432	+	71.19	69.16
ENSG00000100000	SLC38A8	protein_co chr16	84009667	84042636	-	0	0
ENSG00000100000	SEC11C	protein_co chr18	59139477	59158836	+	8.63	9.49
ENSG00000100000	CPLX4	protein_co chr18	59275156	59318649	-	0	0
ENSG00000100000	GALR1	protein_co chr18	77250549	77277896	+	0	0
ENSG00000100000	TMEM135	protein_co chr11	87037844	87323758	+	12.17	11.62
ENSG00000100000	IQCD	protein_co chr12	1.13E+08	1.13E+08	-	0.78	0.98
ENSG00000100000	NDEL1	protein_co chr17	8413131	8490411	+	24.73	18.8
ENSG00000100000	CENPV	protein_co chr17	16342534	16353656	-	1.63	1.93
ENSG00000100000	CDH16	protein_co chr16	66908122	66918984	-	0	0
ENSG00000100000	RRAD	protein_co chr16	66921679	66925644	-	2.98	2.57
ENSG00000100000	FAM96B	protein_co chr16	66932055	66934423	-	54.76	57
ENSG00000100000	CFAP52	protein_co chr17	9576627	9643459	+	0.06	0.15
ENSG00000100000	HSP90B1	protein_co chr12	1.04E+08	1.04E+08	+	535.45	480.64
ENSG00000100000	MC4R	protein_co chr18	60371110	60372775	-	0	0
ENSG00000100000	BLCAP	protein_co chr20	37492472	37527931	-	22.73	23.25
ENSG00000100000	SERPINB12	protein_co chr18	63556160	63567011	+	0	0
ENSG00000100000	CHRFAM7A	protein_co chr15	30357766	30393849	-	0.32	0.49
ENSG00000100000	ATF7IP2	protein_co chr16	10326434	10483638	+	0.16	0.44
ENSG00000100000	MMP10	protein_co chr11	1.03E+08	1.03E+08	-	0.26	0.27
ENSG00000100000	TVP23A	protein_co chr16	10760919	10818794	-	0.05	0
ENSG00000100000	BEX3	protein_co chrX	1.03E+08	1.03E+08	+	90.33	98.24
ENSG00000100000	TMPRSS5	protein_co chr11	1.14E+08	1.14E+08	-	0.18	0.04
ENSG00000100000	COG1	protein_co chr17	73192632	73208507	+	12.14	12.39
ENSG00000100000	PLEKHA7	protein_co chr11	16777317	17014443	-	1.49	1.68
ENSG00000100000	OR5M13P	unprocessε chr11	56597426	56598362	-	0	0
ENSG00000100000	ZNF606	protein_co chr19	57977053	58003349	-	3.39	3.8
ENSG00000100000	ZCCHC18	protein_co chrX	1.04E+08	1.04E+08	+	1.24	1.43
ENSG00000100000	B2M	protein_co chr15	44711477	44718877	+	4339.52	4141.62
ENSG00000100000	ZNF592	protein_co chr15	84748635	84806432	+	7.81	8.02

ENSG0000(CASC4	protein_co chr15	44288729	44415758 +	25.4	24.63
ENSG0000(HTR3A	protein_co chr11	1.14E+08	1.14E+08 +	0	0
ENSG0000(NNMT	protein_co chr11	1.14E+08	1.14E+08 +	754.08	720.32
ENSG0000(ACSM1	protein_co chr16	20623237	20698890 -	0	0.09
ENSG0000(AP1G1	protein_co chr16	71729000	71809201 -	20.77	19.29
ENSG0000(SLFN5	protein_co chr17	35243036	35273655 +	34.84	36.16
ENSG0000(CATSPER2	protein_co chr15	43628503	43668118 -	0.88	0.69
ENSG0000(STRCP1	unprocessε chr15	43699488	43718184 -	0.01	0
ENSG0000(ZNF667-AS	lincRNA chr19	56477250	56500666 +	2.21	4.14
ENSG0000(C16orf45	protein_co chr16	15434295	15625028 +	25.58	25.68
ENSG0000(KIAA0430	protein_co chr16	15594386	15643166 -	17.2	18.73
ENSG0000(SAA3P	transcribec chr11	18112472	18116132 -	0	0
ENSG0000(SAAL1	protein_co chr11	18069935	18106091 -	3.21	3.5
ENSG0000(YPEL4	protein_co chr11	57645087	57649944 -	4.63	5.98
ENSG0000(PPIB	protein_co chr15	64155812	64163205 -	635.4	616.25
ENSG0000(LDHC	protein_co chr11	18412307	18452058 +	0	0
ENSG0000(FAM96A	protein_co chr15	64072559	64094018 -	23.72	23.65
ENSG0000(LDHAL6A	protein_co chr11	18455824	18479600 +	0	0
ENSG0000(FAM111A	protein_co chr11	59142748	59155039 +	9.46	9.13
ENSG0000(PCLAF	protein_co chr15	64364311	64387687 -	0.17	0.32
ENSG0000(KIF7	protein_co chr15	89608789	89655451 -	3.4	4.26
ENSG0000(LDHD	protein_co chr16	75111860	75116771 -	0.87	0.37
ENSG0000(PLIN1	protein_co chr15	89664365	89679427 -	0.24	0.14
ENSG0000(PEX11A	protein_co chr15	89677764	89690783 -	5.74	5.26
ENSG0000(TMEM170)	protein_co chr16	75443054	75465497 -	3.24	2.66
ENSG0000(MESP1	protein_co chr15	89748661	89751310 -	1.38	0.76
ENSG0000(ANPEP	protein_co chr15	89784889	89815401 -	85.85	78.14
ENSG0000(SCNN1G	protein_co chr16	23182715	23216883 +	0	0
ENSG0000(RBPM52	protein_co chr15	64739892	64775587 -	0.06	0.07
ENSG0000(NAV2	protein_co chr11	19350724	20121598 +	8.05	7.37
ENSG0000(ANKDD1A	protein_co chr15	64911902	64958700 +	2.98	2.65
ENSG0000(GLYATL1	protein_co chr11	58905398	59043527 +	0.04	0
ENSG0000(C18orf54	protein_co chr18	54357917	54385218 +	0.42	0.52
ENSG0000(DCTN5	protein_co chr16	23641392	23677455 +	20.83	19.3
ENSG0000(TERF2IP	protein_co chr16	75647786	75761872 +	19.09	20.02
ENSG0000(PLK1	protein_co chr16	23677656	23690367 +	0.82	0.41
ENSG0000(CLPX	protein_co chr15	65148219	65185342 -	16.04	20.67
ENSG0000(GPR182	protein_co chr12	56994446	56998441 +	0	0
ENSG0000(ZBTB39	protein_co chr12	56998834	57006446 -	1.63	1.45
ENSG0000(CACNG2	protein_co chr22	36563921	36703558 -	0	0
ENSG0000(TAC3	protein_co chr12	57010000	57028883 -	2.01	2.4
ENSG0000(MYO1A	protein_co chr12	57028517	57051198 -	0	0
ENSG0000(CHP2	protein_co chr16	23754627	23758951 +	0.12	0.1
ENSG0000(NEMP1	protein_co chr12	57055643	57088063 -	4.63	3.65
ENSG0000(OR4D6	protein_co chr11	59456938	59457991 +	0	0

ENSG0000(NAB2	protein_co chr12	57088894	57095476	+	26.03	24.19
ENSG0000(VPS39	protein_co chr15	42158701	42208316	-	23.62	28.71
ENSG0000(STAT6	protein_co chr12	57095408	57132139	-	97.23	103.64
ENSG0000(PATL1	protein_co chr11	59636716	59668980	-	21.17	20.09
ENSG0000(ATP23	protein_co chr12	57941541	57957269	+	3.62	4.87
ENSG0000(ELFN2	protein_co chr22	37367960	37427470	-	0.08	0.17
ENSG0000(STX3	protein_co chr11	59755059	59805882	+	16.48	14.65
ENSG0000(MRPL16	protein_co chr11	59806135	59810872	-	16.33	15.73
ENSG0000(PIP4K2C	protein_co chr12	57591174	57603418	+	13.81	15.14
ENSG0000(MTMR10	protein_co chr15	30938941	30991607	-	8.36	7.9
ENSG0000(YWHAB	protein_co chr20	44885676	44908532	+	74.6	79.55
ENSG0000(MIR202HG	antisense chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(C15orf48	protein_co chr15	45430529	45448761	+	0.45	0.42
ENSG0000(SCG5	protein_co chr15	32641676	32697098	+	12.47	11.29
ENSG0000(GREM1	protein_co chr15	32717974	32745107	+	355.06	336.7
ENSG0000(NYAP1	protein_co chr7	1E+08	1E+08	+	0.5	0.72
ENSG0000(TSC22D4	protein_co chr7	1E+08	1E+08	-	28.58	25.13
ENSG0000(MS4A6E	protein_co chr11	60334831	60396596	+	0	0
ENSG0000(MS4A7	protein_co chr11	60378482	60395951	+	0.1	0
ENSG0000(MS4A14	protein_co chr11	60378530	60417756	+	0	0
ENSG0000(MS4A5	protein_co chr11	60429589	60455214	+	0	0
ENSG0000(DIS3L	protein_co chr15	66293217	66333898	+	12.15	12.03
ENSG0000(CCNDP1	protein_co chr15	43185118	43197176	+	33.59	29.22
ENSG0000(EPB42	protein_co chr15	43106225	43221283	-	0	0
ENSG0000(TGM6	protein_co chr20	2380908	2432753	+	0	0
ENSG0000(SMAD3	protein_co chr15	67063763	67195195	+	37.66	36.31
ENSG0000(MS4A8	protein_co chr11	60699574	60715811	+	0	0
ENSG0000(CCDC178	protein_co chr18	32937402	33441101	-	0	0
ENSG0000(MS4A15	protein_co chr11	60756953	60776732	+	0	0
ENSG0000(MAP1A	protein_co chr15	43510958	43531620	+	34.1	31.32
ENSG0000(RCCD1	protein_co chr15	90954870	90963125	+	7	7
ENSG0000(AKTIP	protein_co chr16	53491040	53504411	-	15.62	15.91
ENSG0000(MAPRE2	protein_co chr18	34976928	35143470	+	12.02	17.44
ENSG0000(EVA1C	protein_co chr21	32412006	32515397	+	8.07	7.53
ENSG0000(TCP10L2	protein_co chr6	1.67E+08	1.67E+08	+	0	0
ENSG0000(MARS	protein_co chr12	57475445	57517569	+	57.02	63.05
ENSG0000(MBD6	protein_co chr12	57520710	57530148	+	13.49	13.72
ENSG0000(CNPY4	protein_co chr7	1E+08	1E+08	+	20.66	19.4
ENSG0000(PDIA3	protein_co chr15	43746392	43773279	+	592.91	542.87
ENSG0000(NUDT21	protein_co chr16	56429133	56452199	-	34.84	32.14
ENSG0000(NAT16	protein_co chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(TERB2	protein_co chr15	44956702	44979229	+	0	0
ENSG0000(NKX3-1	protein_co chr8	23678693	23682927	-	0.94	1.59
ENSG0000(SGSM1	protein_co chr22	24806169	24927578	+	0.13	0.04
ENSG0000(RP11-93B1	antisense chr20	62640719	62643304	-	0.03	0.03

ENSG0000(DUSP18	protein_co chr22	30652051	30667890	-	3.77	3.07
ENSG0000(TEF	protein_co chr22	41367333	41399326	+	14.86	13.36
ENSG0000(MEI1	protein_co chr22	41699499	41799456	+	2.39	1.96
ENSG0000(B4GALNT2	protein_co chr17	49132460	49176840	+	0.02	0.13
ENSG0000(PBX3	protein_co chr9	1.26E+08	1.26E+08	+	26.28	33.67
ENSG0000(GNGT2	protein_co chr17	49202791	49210574	-	0	0.17
ENSG0000(PHB	protein_co chr17	49404049	49414905	-	43.42	47.76
ENSG0000(SNRPD1	protein_co chr18	21612267	21633524	+	20	18.26
ENSG0000(TTC16	protein_co chr9	1.28E+08	1.28E+08	+	0.06	0.05
ENSG0000(SUN5	protein_co chr20	32983773	33004433	-	0	0
ENSG0000(SAMD14	protein_co chr17	50110040	50129882	-	2.53	2.69
ENSG0000(PIP5KL1	protein_co chr9	1.28E+08	1.28E+08	-	1.07	0.93
ENSG0000(BPIFB6	protein_co chr20	33031648	33044047	+	0	0
ENSG0000(TMEM92	protein_co chr17	50271406	50281485	+	0.12	0.13
ENSG0000(FAM102A	protein_co chr9	1.28E+08	1.28E+08	-	13.89	15.05
ENSG0000(ACSF2	protein_co chr17	50426158	50474845	+	12.43	13.04
ENSG0000(GOLGA2	protein_co chr9	1.28E+08	1.28E+08	-	62.12	58.42
ENSG0000(TRUB2	protein_co chr9	1.28E+08	1.28E+08	-	10.09	11.16
ENSG0000(COQ4	protein_co chr9	1.28E+08	1.28E+08	+	18.74	19.03
ENSG0000(SLC27A4	protein_co chr9	1.28E+08	1.28E+08	+	7.1	8.25
ENSG0000(LINC00483	processed_chr17	50761029	50767557	-	0.2	0
ENSG0000(URM1	protein_co chr9	1.28E+08	1.28E+08	+	26.82	22.16
ENSG0000(CERCAM	protein_co chr9	1.28E+08	1.28E+08	+	128.77	124.02
ENSG0000(DOLPP1	protein_co chr9	1.29E+08	1.29E+08	+	4.42	5.19
ENSG0000(CCDC103	protein_co chr17	44899142	44905390	+	0.19	0.33
ENSG0000(ENDOG	protein_co chr9	1.29E+08	1.29E+08	+	4	4.12
ENSG0000(TBC1D21	protein_co chr15	73873608	73889214	+	0	0
ENSG0000(PRRX2	protein_co chr9	1.3E+08	1.3E+08	+	8.68	8.13
ENSG0000(UGT1A6	protein_co chr2	2.34E+08	2.34E+08	+	0.04	0.29
ENSG0000(C15orf39	protein_co chr15	75195643	75212169	+	7	7.11
ENSG0000(ISLR2	protein_co chr15	74100311	74138540	+	0.27	0.53
ENSG0000(SP2	protein_co chr17	47896150	47928957	+	5.72	8.1
ENSG0000(PRR15L	protein_co chr17	47951967	47957878	-	0	0
ENSG0000(COQ7	protein_co chr16	19067599	19080095	+	7.21	7.66
ENSG0000(GPRC5B	protein_co chr16	19856691	19886167	-	64.82	64.14
ENSG0000(CRK	protein_co chr17	1420689	1463162	-	22.16	24.95
ENSG0000(C16orf92	protein_co chr16	30023334	30027736	+	0	0
ENSG0000(GOLGA6C	protein_co chr15	75258599	75270199	+	0	0.01
ENSG0000(FBXO22	protein_co chr15	75903859	75942510	+	20.73	22.86
ENSG0000(TBC1D2B	protein_co chr15	77984036	78077724	-	34.64	34.58
ENSG0000(NOD2	protein_co chr16	50693603	50733077	+	0.02	0.08
ENSG0000(SNX20	protein_co chr16	50666300	50681353	-	0	0
ENSG0000(LOXHD1	protein_co chr18	46476972	46657033	-	0	0
ENSG0000(KATNAL2	protein_co chr18	46917492	47102243	+	1.83	1.58
ENSG0000(HDHD2	protein_co chr18	47107403	47150520	-	11.4	9.32

ENSG0000(ZNF91	protein_co chr19	23304991	23395560 -	4.76	6.24
ENSG0000(IGF2	protein_co chr11	2129112	2141238 -	60.41	63.75
ENSG0000(RNF214	protein_co chr11	1.17E+08	1.17E+08 +	6.02	6.35
ENSG0000(CDK12	protein_co chr17	39461511	39564907 +	14.67	14.19
ENSG0000(DPEP2	protein_co chr16	67987394	68000586 -	0	0
ENSG0000(DUS2	protein_co chr16	67987746	68079320 +	3.84	4.35
ENSG0000(POP5	protein_co chr12	1.21E+08	1.21E+08 -	13.58	13.71
ENSG0000(ENGASE	protein_co chr17	79074939	79088599 +	8.21	7.2
ENSG0000(RBFOX3	protein_co chr17	79089345	79516148 -	0	0.02
ENSG0000(ATP5L	protein_co chr11	1.18E+08	1.18E+08 +	97.5	104.19
ENSG0000(CD3D	protein_co chr11	1.18E+08	1.18E+08 -	0	0
ENSG0000(TBC1D16	protein_co chr17	79932343	80035848 -	15.11	14.49
ENSG0000(TEPSIN	protein_co chr17	81228277	81239091 -	11.55	10.69
ENSG0000(MYO5B	protein_co chr18	49822813	50195093 -	0.17	0.04
ENSG0000(ART5	protein_co chr11	3638503	3642316 -	0.21	0.42
ENSG0000(ACAA2	protein_co chr18	49782167	49813960 -	31.56	33.21
ENSG0000(STIM1	protein_co chr11	3854527	4093210 +	30.06	32.04
ENSG0000(RRM1	protein_co chr11	4094707	4138876 +	12.4	12.42
ENSG0000(OR51E2	protein_co chr11	4680171	4697854 -	0	0
ENSG0000(TRIM68	protein_co chr11	4598672	4608259 -	4.96	6.38
ENSG0000(MMP26	protein_co chr11	4704927	4992429 +	0	0
ENSG0000(AC104389.	processed_chr11	5304976	5505652 -	0.06	0
ENSG0000(OR51I1	protein_co chr11	5440570	5441514 -	0	0
ENSG0000(OR51Q1	protein_co chr11	5422111	5423206 +	0	0
ENSG0000(FN3K	protein_co chr17	82735575	82751197 +	6.25	7.82
ENSG0000(PRRT2	protein_co chr16	29811382	29815892 +	2.5	3.45
ENSG0000(ZNF23	protein_co chr16	71447597	71463095 -	4.58	4.03
ENSG0000(IRGQ	protein_co chr19	43584369	43596135 -	3.57	3.88
ENSG0000(ZNF226	protein_co chr19	44165073	44178381 +	13.54	11.29
ENSG0000(ZNF180	protein_co chr19	44474428	44500524 -	1.84	2.09
ENSG0000(POM121L3	processed_chr20	23989292	23990454 +	0	0
ENSG0000(PPP2R3B	protein_co chrX	333963	386955 -	3.12	2.81
ENSG0000(PPP2R3B	protein_co chrY	333963	386955 -	3.12	2.81
ENSG0000(ZNF668	protein_co chr16	31060843	31074320 -	8.13	8.07
ENSG0000(ZNF646	protein_co chr16	31074422	31084196 +	6.35	5.93
ENSG0000(VKORC1	protein_co chr16	31090842	31095980 -	186.25	170.56
ENSG0000(GNG8	protein_co chr19	46634076	46634685 -	0	0
ENSG0000(LPO	protein_co chr17	58218548	58268518 +	0.1	0.07
ENSG0000(CA4	protein_co chr17	60149936	60170899 +	0	0
ENSG0000(SMG8	protein_co chr17	59209400	59215247 +	5.97	5.78
ENSG0000(LINC00905	processed_chr19	16031307	16042116 +	0	0
ENSG0000(TPM4	protein_co chr19	16067021	16103005 +	609.57	626.03
ENSG0000(RAB8A	protein_co chr19	16111629	16134234 +	19.34	20.62
ENSG0000(GPX4	protein_co chr19	1103926	1106791 +	451.54	494.37
ENSG0000(MIDN	protein_co chr19	1248553	1259140 +	19.4	20.36

ENSG0000(JSRP1	protein_co chr19	2252252	2269759 -	0.15	0.25
ENSG0000(FAM129C	protein_co chr19	17523301	17553839 +	0.41	0.33
ENSG0000(KLHL26	protein_co chr19	18636965	18671714 +	2.1	1.5
ENSG0000(GATAD2A	protein_co chr19	19385826	19508931 +	18.6	18.82
ENSG0000(NOS2P2	transcribec chr17	18497095	18506313 -	0	0.04
ENSG0000(MVD	protein_co chr16	88651935	88663161 -	19.67	21.71
ENSG0000(CDT1	protein_co chr16	88803213	88809258 +	0.63	0.58
ENSG0000(TRAPPC2L	protein_co chr16	88856220	88862686 +	72.74	81.4
ENSG0000(ANKRD11	protein_co chr16	89267627	89490561 -	42.01	45.39
ENSG0000(SPATA33	protein_co chr16	89657802	89671272 +	1.81	3.69
ENSG0000(SGK494	protein_co chr17	28607964	28614200 -	1.69	0.92
ENSG0000(PROCA1	protein_co chr17	28703197	28711854 -	0.69	1.08
ENSG0000(RPL13	protein_co chr16	89560657	89566828 +	1456.02	1442.93
ENSG0000(ZNF641	protein_co chr12	48337180	48351414 -	4.04	7.34
ENSG0000(LALBA	protein_co chr12	48567684	48570066 -	0	0
ENSG0000(CACNB3	protein_co chr12	48813794	48828941 +	17.57	20.8
ENSG0000(DHRS13	protein_co chr17	28897781	28903071 -	6.29	5.05
ENSG0000(TP53I13	protein_co chr17	29566052	29573157 +	19.09	19.06
ENSG0000(KMT2D	protein_co chr12	49018975	49059774 -	10.95	9.9
ENSG0000(CORO6	protein_co chr17	29614756	29622907 -	7.55	8.36
ENSG0000(RHEBL1	protein_co chr12	49064685	49070025 -	0.44	0.66
ENSG0000(TUBA1A	protein_co chr12	49184796	49189324 -	212.05	221.14
ENSG0000(TUBA1C	protein_co chr12	49188736	49274603 +	146.12	146.4
ENSG0000(ZNF610	protein_co chr19	52336245	52367778 +	1.79	1.62
ENSG0000(ZNF528	protein_co chr19	52397849	52418412 +	16.03	17.86
ENSG0000(ZNF701	protein_co chr19	52555457	52587174 +	2.94	3.54
ENSG0000(SERTAD3	protein_co chr19	40440844	40444705 -	9.83	8.99
ENSG0000(NCKAP5L	protein_co chr12	49791146	49828750 -	13.49	14.34
ENSG0000(RAB4B	protein_co chr19	40778216	40796938 +	14.94	15.4
ENSG0000(AQP2	protein_co chr12	49950741	49958881 +	0	0
ENSG0000(GPD1	protein_co chr12	50103819	50111319 +	0.12	0.02
ENSG0000(PROSER3	protein_co chr19	35758143	35771028 +	8.43	5.66
ENSG0000(CYP2S1	protein_co chr19	41193049	41207539 +	3.5	3.7
ENSG0000(AXL	protein_co chr19	41219203	41261766 +	40.03	40.42
ENSG0000(NFKBID	protein_co chr19	35887653	35902303 -	2.15	4.11
ENSG0000(TMC4	protein_co chr19	54160108	54173250 -	0.22	0.97
ENSG0000(ANKRD33	protein_co chr12	51887960	51891664 +	0	0
ENSG0000(LAIR1	protein_co chr19	54351384	54370558 -	0.31	0.47
ENSG0000(TTYH1	protein_co chr19	54415219	54436900 +	0	0.09
ENSG0000(LENG8	protein_co chr19	54448887	54462037 +	40.65	52.46
ENSG0000(CDC42EP5	protein_co chr19	54465026	54473264 -	27.16	29.48
ENSG0000(LAIR2	protein_co chr19	54497879	54510687 +	0	0
ENSG0000(TMEM145	protein_co chr19	42313325	42325062 +	0.03	0.04
ENSG0000(ZNF526	protein_co chr19	42220271	42228201 +	2.79	2.57
ENSG0000(TRAPPC9	protein_co chr8	1.4E+08	1.4E+08 -	3.72	4.17

ENSG0000(KIR3DL1	protein_co chr19	54816468	54830778	+	0	0
ENSG0000(NLRP7	protein_co chr19	54923509	54966312	-	0	0
ENSG0000(ZNF146	protein_co chr19	36214602	36238774	+	19.86	20.44
ENSG0000(ZNF283	protein_co chr19	43827292	43852017	+	2.51	2.19
ENSG0000(PPP1R14A	protein_co chr19	38251237	38256591	-	8.99	6.75
ENSG0000(SPINT2	protein_co chr19	38244035	38292614	+	5.58	5.99
ENSG0000(C19orf33	protein_co chr19	38304161	38305009	+	0	0.18
ENSG0000(YIF1B	protein_co chr19	38305104	38317273	-	43.67	44.63
ENSG0000(DNAAF3	protein_co chr19	55158661	55166722	-	0.49	0.44
ENSG0000(PSCA	protein_co chr8	1.43E+08	1.43E+08	+	0.13	0.13
ENSG0000(ATCAY	protein_co chr19	3879864	3928079	+	0.07	0.12
ENSG0000(LY6D	protein_co chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(DAPK3	protein_co chr19	3958453	3971123	-	40.53	39.23
ENSG0000(EEF2	protein_co chr19	3976056	3985469	-	840.65	861.87
ENSG0000(TMIGD2	protein_co chr19	4292232	4302431	-	0	0
ENSG0000(CHAFA1A	protein_co chr19	4402662	4445018	+	4.12	3.62
ENSG0000(UBXN6	protein_co chr19	4444999	4457822	-	84.6	84.71
ENSG0000(CTB-50L17	protein_co chr19	4472287	4502211	+	27.6	29.05
ENSG0000(PLIN4	protein_co chr19	4502180	4518465	-	0.05	0.15
ENSG0000(SEMA6B	protein_co chr19	4542593	4559808	-	2	1.08
ENSG0000(ZNF444	protein_co chr19	56132599	56160893	+	12.09	11.4
ENSG0000(NXN	protein_co chr17	799313	979770	-	1.37	1.08
ENSG0000(FAM57A	protein_co chr17	732412	742972	+	11.55	14.15
ENSG0000(GLOD4	protein_co chr17	757097	783390	-	16.43	25.09
ENSG0000(MFSD3	protein_co chr8	1.45E+08	1.45E+08	+	6.53	6.54
ENSG0000(GPT	protein_co chr8	1.45E+08	1.45E+08	+	0.03	0
ENSG0000(KIFC2	protein_co chr8	1.44E+08	1.44E+08	+	10.62	11.9
ENSG0000(SLC43A2	protein_co chr17	1569267	1628886	-	7.09	6.01
ENSG0000(RILP	protein_co chr17	1646145	1650077	-	5.67	6.98
ENSG0000(SERPINF2	protein_co chr17	1742836	1755268	+	0.15	0.17
ENSG0000(WDR81	protein_co chr17	1716523	1738599	+	11.25	10.04
ENSG0000(SRR	protein_co chr17	2303383	2325260	+	13.07	13.31
ENSG0000(TSR1	protein_co chr17	2322503	2337507	-	10.94	10.71
ENSG0000(TRPV3	protein_co chr17	3510502	3557995	-	0.48	1.2
ENSG0000(HSD11B1L	protein_co chr19	5680604	5688523	+	9.54	8.31
ENSG0000(CYB5D2	protein_co chr17	4143168	4187310	+	21.91	20.74
ENSG0000(GGT6	protein_co chr17	4556927	4560818	-	0.02	0.05
ENSG0000(C19orf48	protein_co chr19	50797704	50804929	-	11.06	12
ENSG0000(KLK1	protein_co chr19	50819148	50823787	-	0.34	0.08
ENSG0000(KLK4	protein_co chr19	50906352	50910738	-	0	0
ENSG0000(KLK2	protein_co chr19	50861568	50880567	+	0	0
ENSG0000(KLK5	protein_co chr19	50943303	50953093	-	0	0
ENSG0000(KLK6	protein_co chr19	50958631	50969673	-	0	0
ENSG0000(KLK11	protein_co chr19	51022216	51028039	-	0.07	0
ENSG0000(KLK13	protein_co chr19	51056206	51065114	-	0	0

ENSG0000(ZNF83	protein_co chr19	52594060	52690496	-	15.57	15.86
ENSG0000(KRT80	protein_co chr12	52168996	52192000	-	0.43	0.18
ENSG0000(KRT1	protein_co chr12	52674736	52680407	-	0	0
ENSG0000(ACER1	protein_co chr19	6306142	6333629	-	0.08	0.09
ENSG0000(OTUB1	protein_co chr11	63985853	64001811	+	33.22	34.39
ENSG0000(RCOR2	protein_co chr11	63911221	63916844	-	0.67	1.35
ENSG0000(ANGPTL4	protein_co chr19	8363289	8374373	+	12.72	17.58
ENSG0000(CTD-2550C	protein_co chr19	8308283	8321379	-	0	0
ENSG0000(CD320	protein_co chr19	8302127	8308356	-	45.2	43.37
ENSG0000(SPRYD3	protein_co chr12	53064316	53079420	-	14.4	15.63
ENSG0000(IGFBP6	protein_co chr12	53097436	53102345	+	598.44	608.01
ENSG0000(SOAT2	protein_co chr12	53103518	53124538	+	0	0
ENSG0000(ZNF558	protein_co chr19	8806170	8832328	-	9.27	8.05
ENSG0000(CABP2	protein_co chr11	67518912	67524517	-	0	0
ENSG0000(NDUFV1	protein_co chr11	67606852	67612535	+	56.11	66.85
ENSG0000(CDK2AP2	protein_co chr11	67506497	67508649	-	15.62	14.51
ENSG0000(C3P1	transcribec chr19	10037803	10074135	+	0	0
ENSG0000(NUDT8	protein_co chr11	67627938	67629930	-	3.11	3.1
ENSG0000(TBX10	protein_co chr11	67631303	67639560	-	0	0
ENSG0000(CTD-2369P	protein_co chr19	10305427	10316009	-	0.24	0.63
ENSG0000(PRX2	protein_co chr19	12796820	12801859	-	105.8	102.3
ENSG0000(OR8J3	protein_co chr11	56136771	56137718	-	0	0
ENSG0000(OR5I1	protein_co chr11	55935456	55936400	-	0	0
ENSG0000(ZNF232	protein_co chr17	5105541	5123116	-	6.43	6.67
ENSG0000(MIS12	protein_co chr17	5486285	5490814	+	4.19	5.22
ENSG0000(CD300C	protein_co chr17	74541108	74546143	-	0	0.08
ENSG0000(CD300A	protein_co chr17	74466416	74484796	+	0	0
ENSG0000(TEKT1	protein_co chr17	6789133	6831761	-	0	0
ENSG0000(HID1	protein_co chr17	74950743	74973166	-	0.58	0.25
ENSG0000(MRPL58	protein_co chr17	75012670	75021261	+	14.16	16.05
ENSG0000(ATP5H	protein_co chr17	75038863	75046985	-	154.28	142.03
ENSG0000(TMEM88	protein_co chr17	7855065	7856099	+	0.57	0.95
ENSG0000(EVPL	protein_co chr17	76004502	76027452	-	0	0
ENSG0000(SRP68	protein_co chr17	76038775	76072653	-	23.78	25.49
ENSG0000(MGAT5B	protein_co chr17	76868456	76950393	+	0.04	0.16
ENSG0000(TMC8	protein_co chr17	78130770	78142968	+	0.39	0.27
ENSG0000(TK1	protein_co chr17	78174075	78187233	-	0.35	0.23
ENSG0000(TMEM68	protein_co chr8	55696424	55773407	-	5.77	5.59
ENSG0000(CYP7A1	protein_co chr8	58490178	58500236	-	0.02	0.02
ENSG0000(RP11-25K1	antisense chr8	59119040	59121346	+	0	0
ENSG0000(GSDMA	protein_co chr17	39953263	39977766	+	0.04	0.09
ENSG0000(KRT24	protein_co chr17	40697991	40703750	-	0	0
ENSG0000(TMEM99	protein_co chr17	40819106	40836274	+	8.19	6
ENSG0000(GHDC	protein_co chr17	42188799	42194532	-	7.13	5.91
ENSG0000(FAM234A	protein_co chr16	234546	268971	+	56.99	61.35

ENSG0000(SOST	protein_co chr17	43753731	43758788	-	0.5	0.42
ENSG0000(PRR25	protein_co chr16	805443	813861	+	0	0
ENSG0000(ZNF598	protein_co chr16	1997654	2009823	-	11.47	11.7
ENSG0000(RAB26	protein_co chr16	2140803	2154165	+	0.38	0.48
ENSG0000(MLST8	protein_co chr16	2204248	2209416	+	24.18	24.93
ENSG0000(E4F1	protein_co chr16	2223566	2235742	+	7.87	8.87
ENSG0000(DNASE1L2	protein_co chr16	2235816	2238711	+	0.19	0.11
ENSG0000(ECI1	protein_co chr16	2239395	2252300	-	31.74	29.93
ENSG0000(CASKIN1	protein_co chr16	2177180	2196525	-	0.18	0.4
ENSG0000(ABCA3	protein_co chr16	2275881	2340746	-	0.54	0.64
ENSG0000(KCTD5	protein_co chr16	2682475	2709030	+	8.58	9.84
ENSG0000(SRRM2	protein_co chr16	2752329	2772538	+	104.47	116.04
ENSG0000(ZNF597	protein_co chr16	3432422	3443542	-	0.65	0.69
ENSG0000(NLRC3	protein_co chr16	3539033	3577400	-	0	0.02
ENSG0000(SDHAF2	protein_co chr11	61430042	61447529	+	15.86	14.66
ENSG0000(DDB1	protein_co chr11	61299451	61342596	-	329.01	370
ENSG0000(VPS37C	protein_co chr11	61130256	61161617	-	7.44	8.27
ENSG0000(VWCE	protein_co chr11	61258286	61295424	-	33.15	35.57
ENSG0000(RAB31L1	protein_co chr11	61897301	61920269	-	24	23.78
ENSG0000(BEST1	protein_co chr11	61949821	61965515	+	1.69	1.37
ENSG0000(FTH1	protein_co chr11	61959718	61967660	-	14750.45	15005.79
ENSG0000(BSCL2	protein_co chr11	62690275	62709845	-	14.5	15.23
ENSG0000(POLR2G	protein_co chr11	62761544	62766710	+	47.51	44.09
ENSG0000(SLC3A2	protein_co chr11	62856102	62888875	+	119.96	107.18
ENSG0000(HRASLS5	protein_co chr11	63461404	63491194	-	0.13	0.16
ENSG0000(C11orf84	protein_co chr11	63813388	63827718	+	8.53	9.35
ENSG0000(ATG16L2	protein_co chr11	72814308	72843674	+	5.8	6.52
ENSG0000(C2CD3	protein_co chr11	74012714	74171210	-	5.66	7.06
ENSG0000(TRANK1	protein_co chr3	36826820	36945057	-	30.71	25.09
ENSG0000(TTC21A	protein_co chr3	39107704	39138903	+	4.36	3.49
ENSG0000(RPSA	protein_co chr3	39406689	39412542	+	618.38	647.13
ENSG0000(ENTPD3	protein_co chr3	40387156	40428619	+	0	0
ENSG0000(CTNNB1	protein_co chr3	41194837	41260096	+	66.31	66.5
ENSG0000(ULK4	protein_co chr3	41246599	41962430	-	1.63	0.96
ENSG0000(FADD	protein_co chr11	70203163	70207390	+	18.33	19.19
ENSG0000(LTBP3	protein_co chr11	65538805	65558930	-	97.73	99.63
ENSG0000(NAALADL1	protein_co chr11	65044818	65058549	-	10.71	12.54
ENSG0000(SAC3D1	protein_co chr11	65040901	65044828	+	6.24	5
ENSG0000(BATF2	protein_co chr11	64987943	64997045	-	0.38	0.18
ENSG0000(SLC22A11	protein_co chr11	64555626	64572875	+	0	0.03
ENSG0000(SF1	protein_co chr11	64764606	64778786	-	74.34	74.48
ENSG0000(MAP4K2	protein_co chr11	64784914	64803241	-	4.35	4.1
ENSG0000(MAJIN	protein_co chr11	64937517	64972085	-	0	0
ENSG0000(CCDC88B	protein_co chr11	64340223	64357534	+	1.07	1.72
ENSG0000(SCARA3	protein_co chr8	27633868	27676776	+	40.19	44.94

ENSG0000(PBK	protein_co chr8	27809620	27838095 -	0	0.29
ENSG0000(SCARA5	protein_co chr8	27869882	27992727 -	1.56	1.28
ENSG0000(PNOC	protein_co chr8	28316986	28343355 +	0	0
ENSG0000(COPS6	protein_co chr7	1E+08	1E+08 +	55.64	59.48
ENSG0000(PAFAH1B2	protein_co chr11	1.17E+08	1.17E+08 +	20.91	19.22
ENSG0000(ANKS3	protein_co chr16	4696510	4734378 -	8.09	9.65
ENSG0000(NUDT16L1	protein_co chr16	4693694	4695859 +	10.18	11.29
ENSG0000(KIAA1586	protein_co chr6	57046532	57055239 +	3.92	2.24
ENSG0000(RAB4A	protein_co chr1	2.29E+08	2.29E+08 +	19.18	21.97
ENSG0000(ZNF355P	unprocessε chr21	13095305	13113790 -	0	0
ENSG0000(OR1F1	protein_co chr16	3204247	3205188 +	0	0
ENSG0000(OR2W6P	unprocessε chr6	27937465	27938403 +	0	0
ENSG0000(DHFRP3	processed_ chr2	82856826	82857384 +	0	0
ENSG0000(OR2B2	protein_co chr6	27911185	27912396 -	0	0
ENSG0000(KCNJ4	protein_co chr22	38426327	38455199 -	0	0
ENSG0000(SETD5	protein_co chr3	9397615	9479240 +	27.72	30.01
ENSG0000(VASN	protein_co chr16	4371848	4383528 +	101.95	104.2
ENSG0000(FAM83B	protein_co chr6	54846771	54942022 +	0	0
ENSG0000(HIST3H3	protein_co chr1	2.28E+08	2.28E+08 -	0	0
ENSG0000(THAP9	protein_co chr4	82900684	82919969 +	1.98	1.63
ENSG0000(OR2C1	protein_co chr16	3355889	3357294 +	0	0
ENSG0000(RNF187	protein_co chr1	2.28E+08	2.28E+08 +	58.14	54.93
ENSG0000(HOOK3	protein_co chr8	42896932	43030539 +	6.73	3.88
ENSG0000(MAPK1IP1	protein_co chr14	55051631	55070192 +	29.38	26.31
ENSG0000(DDIT4	protein_co chr10	72273920	72276036 +	137.5	138.02
ENSG0000(RBPJ	protein_co chr4	26163455	26435131 +	19.44	18.03
ENSG0000(LMBRD1	protein_co chr6	69675802	69797111 -	23.5	22.7
ENSG0000(ZCCHC4	protein_co chr4	25312785	25370383 +	3.42	2.91
ENSG0000(PTGDR	protein_co chr14	52267713	52276724 +	0.07	0.21
ENSG0000(TTC39C	protein_co chr18	23992773	24135610 +	10.25	10.88
ENSG0000(GLYCTK	protein_co chr3	52287089	52293476 +	2.16	2.79
ENSG0000(GNG4	protein_co chr1	2.36E+08	2.36E+08 -	0.25	0.08
ENSG0000(UBTD2	protein_co chr5	1.72E+08	1.72E+08 -	8.36	9.7
ENSG0000(POLR2J3	protein_co chr7	1.03E+08	1.03E+08 -	62.82	64.71
ENSG0000(NKIRAS2	protein_co chr17	42011382	42025644 +	23	23.85
ENSG0000(DNAJC7	protein_co chr17	41976433	42021376 -	44.62	42.73
ENSG0000(KCNV2	protein_co chr9	2717502	2730037 +	0.05	0
ENSG0000(IRF2BP2	protein_co chr1	2.35E+08	2.35E+08 -	64.06	70.79
ENSG0000(PTF1A	protein_co chr10	23192327	23194252 +	0	0
ENSG0000(NT5DC2	protein_co chr3	52524385	52535054 -	26.34	30.81
ENSG0000(FOX11	protein_co chr5	1.7E+08	1.7E+08 +	0.06	0
ENSG0000(SMIM4	protein_co chr3	52534013	52579237 +	17.06	13.54
ENSG0000(COA6	protein_co chr1	2.34E+08	2.34E+08 +	13.42	11.7
ENSG0000(KIF5C	protein_co chr2	1.49E+08	1.49E+08 +	0.02	0.05
ENSG0000(MGAT2	protein_co chr14	49620795	49623481 +	16.42	16.21

ENSG0000(BMI1	protein_co chr10	22321211	22331484	+	17.23	19.7
ENSG0000(THAP11	protein_co chr16	67842082	67844195	+	9.92	10.1
ENSG0000(MMADHC	protein_co chr2	1.5E+08	1.5E+08	-	48.87	48.34
ENSG0000(PDHB	protein_co chr3	58427630	58433857	-	51.76	45.89
ENSG0000(PXK	protein_co chr3	58332880	58426126	+	29.53	30.44
ENSG0000(HIST1H1E	protein_co chr6	26156354	26157107	+	0	0
ENSG0000(PCMTD1	protein_co chr8	51817575	51899186	-	29.71	28.76
ENSG0000(KCTD6	protein_co chr3	58492114	58502360	+	4.11	5.87
ENSG0000(MPLKIP	protein_co chr7	40126023	40134659	-	1.54	1.68
ENSG0000(ACOX2	protein_co chr3	58505136	58537319	-	19.12	16.08
ENSG0000(FAM107A	protein_co chr3	58564117	58627610	-	0.68	0.39
ENSG0000(IRF2	protein_co chr4	1.84E+08	1.84E+08	-	13.33	13.32
ENSG0000(MOBP	protein_co chr3	39467198	39529479	+	0.04	0
ENSG0000(CX3CR1	protein_co chr3	39263494	39281735	-	0	0.1
ENSG0000(C8orf22	protein_co chr8	49054311	49076090	+	0	0
ENSG0000(XIRP1	protein_co chr3	39183210	39192596	-	0	0
ENSG0000(INSM2	protein_co chr14	35534042	35537054	+	0	0
ENSG0000(DEGS2	protein_co chr14	1E+08	1E+08	-	0.08	0.01
ENSG0000(SCN11A	protein_co chr3	38845769	38950561	-	0.06	0.08
ENSG0000(LINC00917	lincRNA chr16	86331844	86349683	-	0	0
ENSG0000(ARF4	protein_co chr3	57571363	57598220	-	161.49	149.86
ENSG0000(2-Sep	protein_co chr2	2.41E+08	2.41E+08	+	193.66	181.47
ENSG0000(FILIP1L	protein_co chr3	99830141	1E+08	-	24.59	22.2
ENSG0000(MFSD2A	protein_co chr1	39955112	39969968	+	1.2	1.13
ENSG0000(DTYMK	protein_co chr2	2.42E+08	2.42E+08	-	8.69	7.97
ENSG0000(TAP1	protein_co chr6	32845209	32853978	-	15.16	16.62
ENSG0000(ING5	protein_co chr2	2.42E+08	2.42E+08	+	10.23	10.15
ENSG0000(ATG4B	protein_co chr2	2.42E+08	2.42E+08	+	23.66	23.01
ENSG0000(BDKRB2	protein_co chr14	96204679	96244166	+	17.84	19.38
ENSG0000(MLKL	protein_co chr16	74671855	74700960	-	5.33	4.21
ENSG0000(CMAHP	processed_chr6	25081068	25166555	-	5.44	4.59
ENSG0000(RFWD3	protein_co chr16	74621394	74666881	-	3.78	4.47
ENSG0000(MTNR1A	protein_co chr4	1.87E+08	1.87E+08	-	0	0
ENSG0000(KCNG4	protein_co chr16	84218667	84239750	-	0.02	0
ENSG0000(RHOH	protein_co chr4	40191053	40246967	+	0	0
ENSG0000(KLHL30	protein_co chr2	2.38E+08	2.38E+08	+	0.01	0.03
ENSG0000(COG7	protein_co chr16	23388493	23453180	-	6.54	6.94
ENSG0000(CDC40	protein_co chr6	1.1E+08	1.1E+08	+	8.12	7.07
ENSG0000(STIP1	protein_co chr11	64185272	64204543	+	33.19	31.8
ENSG0000(SCNN1B	protein_co chr16	23278231	23381299	+	0	0
ENSG0000(HR	protein_co chr8	22114415	22133384	-	1.75	3.17
ENSG0000(TXNDC2	protein_co chr18	9885726	9889275	+	0.13	0.07
ENSG0000(RAB31	protein_co chr18	9708165	9862551	+	32	34.33
ENSG0000(REEP4	protein_co chr8	22138020	22141951	-	6.92	6.45
ENSG0000(TNXB	protein_co chr6	32041154	32115334	-	25.68	30.67

ENSG0000(LGI3	protein_co chr8	22146825	22157084	-	0.02	0.06
ENSG0000(SFTPC	protein_co chr8	22156913	22164479	+	0	0
ENSG0000(BMP1	protein_co chr8	22164736	22212326	+	64.89	64.81
ENSG0000(ATXN2L	protein_co chr16	28823035	28837237	+	39.93	43.75
ENSG0000(PHYHIP	protein_co chr8	22219704	22232341	-	0.72	1.01
ENSG0000(CCDC110	protein_co chr4	1.85E+08	1.85E+08	-	0.39	0.14
ENSG0000(POLR3D	protein_co chr8	22245104	22254600	+	10.9	11.86
ENSG0000(FEN1	protein_co chr11	61792637	61797244	+	3.6	4.18
ENSG0000(S DPR	protein_co chr2	1.92E+08	1.92E+08	-	17.11	17.13
ENSG0000(MTCL1	protein_co chr18	8705661	8832778	+	31.61	38.8
ENSG0000(GBX2	protein_co chr2	2.36E+08	2.36E+08	-	0	0
ENSG0000(HFE2	protein_co chr1	1.46E+08	1.46E+08	-	0	0
ENSG0000(SCGB1D1	protein_co chr11	62190216	62193539	+	0	0
ENSG0000(HEXIM2	protein_co chr17	45160700	45170040	+	1.97	3.99
ENSG0000(FNTA	protein_co chr8	43034194	43085788	+	31.36	29.77
ENSG0000(SERINC2	protein_co chr1	31409565	31434680	+	10.51	10.32
ENSG0000(MYL1	protein_co chr2	2.1E+08	2.1E+08	-	0	0
ENSG0000(TRAPPC11	protein_co chr4	1.84E+08	1.84E+08	+	10.37	11.06
ENSG0000(CHRM1	protein_co chr11	62908679	62921807	-	0	0
ENSG0000(COL3A1	protein_co chr2	1.89E+08	1.89E+08	+	4652.87	4588.03
ENSG0000(GFRA2	protein_co chr8	21690403	21812357	-	0.03	0.04
ENSG0000(ING2	protein_co chr4	1.84E+08	1.84E+08	+	6.7	4.98
ENSG0000(CDKN2AIP	protein_co chr4	1.83E+08	1.83E+08	+	5.69	6.7
ENSG0000(SNRNP48	protein_co chr6	7590199	7611967	+	5.24	4.14
ENSG0000(TMEM223	protein_co chr11	62771629	62792021	-	6.77	7.98
ENSG0000(SLC20A2	protein_co chr8	42416475	42541926	-	10.37	11.87
ENSG0000(CRYGA	protein_co chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(DYNLRB2	protein_co chr16	80540734	80550760	+	0.76	0.17
ENSG0000(TMUB2	protein_co chr17	44186970	44191731	+	22.45	23.73
ENSG0000(ADAM29	protein_co chr4	1.75E+08	1.75E+08	+	0	0
ENSG0000(STAT3	protein_co chr17	42313324	42388568	-	77.79	78.69
ENSG0000(ZSWIM1	protein_co chr20	45881227	45885266	+	4.8	3.79
ENSG0000(ADAM9	protein_co chr8	38996869	39105144	+	165.64	159.77
ENSG0000(ADAM18	protein_co chr8	39584489	39730064	+	0	0
ENSG0000(GDNF	protein_co chr5	37812677	37839686	-	1.08	1.44
ENSG0000(SPINT5P	processed_chr20	45749920	45750074	+	0	0
ENSG0000(DPCR1	protein_co chr6	30934523	30954221	+	0	0.01
ENSG0000(WFDC13	protein_co chr20	45702016	45708817	+	0	0
ENSG0000(AXIN2	protein_co chr17	65528563	65561647	-	3.8	4.78
ENSG0000(NDUFS5	protein_co chr1	39026318	39034636	+	150.82	158.24
ENSG0000(VWA3B	protein_co chr2	98087116	98313299	+	0	0.02
ENSG0000(ZNF30	protein_co chr19	34926903	34945170	+	0.93	1.67
ENSG0000(UGT3A2	protein_co chr5	36035017	36071358	-	0	0
ENSG0000(FAM84B	protein_co chr8	1.27E+08	1.27E+08	-	0.1	0.24
ENSG0000(LDLRAD4	protein_co chr18	13217498	13652755	+	0	0

ENSG0000(KCTD19	protein_co chr16	67289428	67326763	-	0	0
ENSG0000(SLC16A4	protein_co chr1	1.1E+08	1.1E+08	-	15.48	16.08
ENSG0000(IL7R	protein_co chr5	35852695	35879603	+	0.11	0.24
ENSG0000(TMEM208	protein_co chr16	67227103	67229278	+	27	27.11
ENSG0000(LRP1B	protein_co chr2	1.4E+08	1.42E+08	-	0	0.02
ENSG0000(WFDC12	protein_co chr20	45123425	45124465	-	0	0
ENSG0000(AHCYL1	protein_co chr1	1.1E+08	1.1E+08	+	39.6	42.57
ENSG0000(DNAJC21	protein_co chr5	34929593	34958964	+	14.28	13.65
ENSG0000(PKIG	protein_co chr20	44531785	44624247	+	49.41	50.49
ENSG0000(NPNT	protein_co chr4	1.06E+08	1.06E+08	+	0	0
ENSG0000(LINC01620	lincRNA chr20	44436172	44465349	-	0	0
ENSG0000(CA7	protein_co chr16	66844379	66854153	+	0	0
ENSG0000(FAM178B	protein_co chr2	96875882	96986592	-	0.12	0.29
ENSG0000(TSPY2	protein_co chrY	6246223	6249019	+	0	0
ENSG0000(SEMA4C	protein_co chr2	96859716	96870757	-	11.88	10.88
ENSG0000(CNNM3	protein_co chr2	96816245	96833911	+	5.56	5.41
ENSG0000(GSTM4	protein_co chr1	1.1E+08	1.1E+08	+	16.44	21.19
ENSG0000(TET2	protein_co chr4	1.05E+08	1.05E+08	+	5.14	4.65
ENSG0000(CXXC4	protein_co chr4	1.04E+08	1.04E+08	-	0	0
ENSG0000(TCTN2	protein_co chr12	1.24E+08	1.24E+08	+	5.5	5.94
ENSG0000(SHOX2	protein_co chr3	1.58E+08	1.58E+08	-	5.61	5.47
ENSG0000(PPIP5K1	protein_co chr15	43533462	43590253	-	5.4	6.06
ENSG0000(TSPAN5	protein_co chr4	98470367	98658629	-	20.7	24.46
ENSG0000(ABHD15	protein_co chr17	29560547	29567137	-	4.51	4.44
ENSG0000(ZBTB5	protein_co chr9	37438114	37465399	-	3.34	3.61
ENSG0000(CTHF8	protein_co chr16	69118010	69132584	-	42.44	38.71
ENSG0000(ADAL	protein_co chr15	43330674	43354555	+	5.39	5.84
ENSG0000(LCMT2	protein_co chr15	43323649	43330605	-	2.37	3.02
ENSG0000(SNTB2	protein_co chr16	69187129	69309052	+	6.91	7.91
ENSG0000(IL12A	protein_co chr3	1.6E+08	1.6E+08	+	0.73	0.29
ENSG0000(ZNF507	protein_co chr19	32345594	32387667	+	3.58	3.99
ENSG0000(STX18	protein_co chr4	4415742	4542346	-	15.77	17.56
ENSG0000(NSG1	protein_co chr4	4348140	4419058	+	1.73	2.15
ENSG0000(ZBTB49	protein_co chr4	4290251	4321786	+	1.91	1.96
ENSG0000(GFM1	protein_co chr3	1.59E+08	1.59E+08	+	8.63	10.29
ENSG0000(OR13J1	protein_co chr9	35869263	35870601	-	0	0
ENSG0000(HTR1E	protein_co chr6	86937306	87016683	+	0	0
ENSG0000(FSTL5	protein_co chr4	1.61E+08	1.62E+08	-	0	0
ENSG0000(TPTE2P5	transcribec chr13	40822296	40921749	-	0.53	0
ENSG0000(DDX19A	protein_co chr16	70346829	70373383	+	13.07	13.02
ENSG0000(ATOX8	protein_co chr2	85751344	85788066	+	18.6	18.88
ENSG0000(SOX14	protein_co chr3	1.38E+08	1.38E+08	+	0	0
ENSG0000(ANKRD49	protein_co chr11	94493629	94499583	+	3.75	3.91
ENSG0000(SFTPBP	protein_co chr2	85657314	85668741	-	0.12	0.03
ENSG0000(USP39	protein_co chr2	85602856	85649282	+	18.54	18.13

ENSG0000(TNIP2	protein_co chr4	2741648	2756376	-	19.3	20.45
ENSG0000(C2orf68	protein_co chr2	85606654	85612066	-	9.17	11.59
ENSG0000(TMEM150A	protein_co chr2	85598548	85603196	-	13.11	14.61
ENSG0000(RNF181	protein_co chr2	85595725	85597613	+	96.99	103.17
ENSG0000(VAMP5	protein_co chr2	85584408	85593412	+	69.69	61.24
ENSG0000(BTNL3	protein_co chr5	1.81E+08	1.81E+08	+	0.02	0.05
ENSG0000(LRRC28	protein_co chr15	99251362	99390729	+	9.04	10.43
ENSG0000(MAT2A	protein_co chr2	85539165	85545280	+	81.24	77.96
ENSG0000(PLA2G4F	protein_co chr15	42139034	42156636	-	0	0
ENSG0000(ENHO	protein_co chr9	34521040	34523041	-	0.06	0.12
ENSG0000(ZNF608	protein_co chr5	1.25E+08	1.25E+08	-	2.06	3.44
ENSG0000(SLC35G2	protein_co chr3	1.37E+08	1.37E+08	+	4.45	4.65
ENSG0000(INPP5D	protein_co chr2	2.33E+08	2.33E+08	+	5.05	3.87
ENSG0000(LETM1	protein_co chr4	1811479	1856247	-	8.36	8.36
ENSG0000(CTRB1	protein_co chr16	75219000	75224924	+	0	0
ENSG0000(CTRB2	protein_co chr16	75204096	75207185	-	0	0
ENSG0000(TRIM49	protein_co chr11	89797655	89808575	-	0	0
ENSG0000(TMEM129	protein_co chr4	1715952	1721358	-	26.4	24.38
ENSG0000(PPIC	protein_co chr5	1.23E+08	1.23E+08	-	46.49	51.67
ENSG0000(SPRY3	protein_co chrX	1.56E+08	1.56E+08	+	0.12	0.09
ENSG0000(SPRY3	protein_co chrY	56954332	56968979	+	0.12	0.09
ENSG0000(CEP120	protein_co chr5	1.23E+08	1.23E+08	-	5.99	6.3
ENSG0000(STXBP6	protein_co chr14	24809656	25050297	-	6.46	4.85
ENSG0000(TM4SF20	protein_co chr2	2.27E+08	2.27E+08	-	0.07	0
ENSG0000(MFF	protein_co chr2	2.27E+08	2.27E+08	+	61.2	59.34
ENSG0000(GRM5	protein_co chr11	88504576	89065945	-	0	0
ENSG0000(LGALS9	protein_co chr17	27629798	27649560	+	2.24	1.99
ENSG0000(PMCHL1	transcribec chr5	22142352	22152356	+	0	0
ENSG0000(JMJD7-PLA	protein_co chr15	41828095	41848155	+	1.34	1.32
ENSG0000(OR7E102P	unprocessε chr2	95546531	95547545	+	0	0
ENSG0000(CPLX1	protein_co chr4	784957	826198	-	0.03	0
ENSG0000(PXDC1	protein_co chr6	3722614	3752026	-	25.7	23.3
ENSG0000(SIGLEC7	protein_co chr19	51142299	51153526	+	0	0.1
ENSG0000(NTSR2	protein_co chr2	11658178	11670164	-	0	0
ENSG0000(E2F6	protein_co chr2	11444375	11466177	-	6.87	6.36
ENSG0000(FEM1B	protein_co chr15	68277803	68295865	+	14.53	14.31
ENSG0000(COMMD8	protein_co chr4	47450796	47463719	-	5.68	6.09
ENSG0000(ATP5I	protein_co chr4	672436	674338	-	165.58	150.62
ENSG0000(UQCRFS1	protein_co chr19	29205321	29213541	-	13.6	14.31
ENSG0000(MFSD7	protein_co chr4	681829	689441	-	2.89	3.11
ENSG0000(COL4A3	protein_co chr2	2.27E+08	2.27E+08	+	6.66	5.92
ENSG0000(MAP2K1	protein_co chr15	66386817	66492312	+	31.86	25.5
ENSG0000(KLK7	protein_co chr19	50976482	50984099	-	0	0
ENSG0000(PMCHL2	transcribec chr5	71375786	71385993	+	0	0
ENSG0000(HNRNPH1	protein_co chr5	1.8E+08	1.8E+08	-	171.46	174.43

ENSG0000(IRS1	protein_co chr2	2.27E+08	2.27E+08 -	3.54	4.02
ENSG0000(MECP2	protein_co chrX	1.54E+08	1.54E+08 -	13.65	14.51
ENSG0000(VCX3A	protein_co chrX	6533618	6535118 -	0	0
ENSG0000(UPF3A	protein_co chr13	1.14E+08	1.14E+08 +	21.73	23.82
ENSG0000(ZBBX	protein_co chr3	1.67E+08	1.67E+08 -	0	0
ENSG0000(ACTBL2	protein_co chr5	57480016	57482809 -	0.21	0.51
ENSG0000(ROR2	protein_co chr9	91563091	91950162 -	0.23	0.59
ENSG0000(RP3-509L4	processed_ chr6	1.19E+08	1.19E+08 +	0	0
ENSG0000(AR	protein_co chrX	67544032	67730619 +	0.75	0.53
ENSG0000(DHRSX	protein_co chrX	2219516	2502805 -	10.73	10.25
ENSG0000(DHRSX	protein_co chrY	2219516	2502805 -	10.73	10.25
ENSG0000(C8orf46	protein_co chr8	66460003	66518524 +	1.53	0.77
ENSG0000(HSPBAP1	protein_co chr3	1.23E+08	1.23E+08 -	4.64	4.23
ENSG0000(ASMTL	protein_co chrX	1403139	1453762 -	7.58	7.02
ENSG0000(ASMTL	protein_co chrY	1403139	1453762 -	7.58	7.02
ENSG0000(SLC25A6	protein_co chrX	1386152	1392724 -	108.97	113.54
ENSG0000(SLC25A6	protein_co chrY	1386152	1392724 -	108.97	113.54
ENSG0000(CHST14	protein_co chr15	40470998	40474571 +	14.29	13.1
ENSG0000(PARM1	protein_co chr4	74933095	75050115 +	0.35	0.15
ENSG0000(CSNK1G1	protein_co chr15	64165517	64356259 -	6.84	5.92
ENSG0000(FAM110B	protein_co chr8	57994509	58204279 +	5.68	5.26
ENSG0000(ARMC4	protein_co chr10	27812164	27999048 -	0	0
ENSG0000(AFAP1L2	protein_co chr10	1.14E+08	1.14E+08 -	0.01	0
ENSG0000(ZNF354A	protein_co chr5	1.79E+08	1.79E+08 -	4.07	4.83
ENSG0000(ATF5	protein_co chr19	49928702	49933935 +	100.32	97.58
ENSG0000(UBE2V2	protein_co chr8	48008400	48064708 +	27.75	27.5
ENSG0000(GOT1L1	protein_co chr8	37934281	37940129 -	0	0
ENSG0000(ZBTB43	protein_co chr9	1.27E+08	1.27E+08 +	2.89	3.92
ENSG0000(RP11-167P	transcribec chrX	55654709	55657014 -	0	0
ENSG0000(CPT1C	protein_co chr19	49690898	49713731 +	21.93	21.71
ENSG0000(PCSK9	protein_co chr1	55039548	55064852 +	0.37	0.75
ENSG0000(XPO6	protein_co chr16	28097979	28211920 -	37.43	33.62
ENSG0000(GSG1L	protein_co chr16	27787535	28063509 -	0	0
ENSG0000(MN1	protein_co chr22	27748277	27801498 -	28.31	33.06
ENSG0000(APEX2	protein_co chrX	55000357	55009057 +	4.33	4.66
ENSG0000(NSMCE1	protein_co chr16	27224991	27268794 -	27.53	26.8
ENSG0000(CCDC126	protein_co chr7	23597379	23644708 +	4.07	4.27
ENSG0000(IL13	protein_co chr5	1.33E+08	1.33E+08 +	0.05	0
ENSG0000(NPIP12	protein_co chr16	29483642	29505999 -	4.5	5.25
ENSG0000(OR10G3	protein_co chr14	21569803	21570744 -	0	0
ENSG0000(RAB3B	protein_co chr1	51907956	51990764 -	4.54	4.12
ENSG0000(OR6F1	protein_co chr1	2.48E+08	2.48E+08 -	0	0
ENSG0000(CD2BP2	protein_co chr16	30350766	30355361 -	21.66	21.87
ENSG0000(RSPO1	protein_co chr1	37611350	37634923 -	0.15	0.37
ENSG0000(RGS14	protein_co chr5	1.77E+08	1.77E+08 +	4.35	4.97

ENSG0000(TBC1D10B	protein_co chr16	30357102	30370264	-	17.2	15.72
ENSG0000(LMAN2	protein_co chr5	1.77E+08	1.77E+08	-	129.07	118.28
ENSG0000(GCSAML	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RAB24	protein_co chr5	1.77E+08	1.77E+08	-	26.46	24.62
ENSG0000(PRELID1	protein_co chr5	1.77E+08	1.77E+08	+	49.97	48.33
ENSG0000(THBS3	protein_co chr1	1.55E+08	1.55E+08	-	34.38	39.12
ENSG0000(CA5B	protein_co chrX	15688830	15788409	+	2.45	2.87
ENSG0000(SLC50A1	protein_co chr1	1.55E+08	1.55E+08	+	21.68	21.47
ENSG0000(EFNA1	protein_co chr1	1.55E+08	1.55E+08	+	3.5	2.69
ENSG0000(CXCL10	protein_co chr4	76021117	76023497	-	0	0
ENSG0000(NPIP3	protein_co chr16	21402237	21448567	-	10.82	9.66
ENSG0000(SH3TC2	protein_co chr5	1.49E+08	1.49E+08	-	1.37	1.5
ENSG0000(CXCL11	protein_co chr4	76033682	76041415	-	0	0
ENSG0000(ZRSR2	protein_co chrX	15790472	15823260	+	4.44	3.55
ENSG0000(NMD3	protein_co chr3	1.61E+08	1.61E+08	+	14.05	12.89
ENSG0000(ADRB2	protein_co chr5	1.49E+08	1.49E+08	+	0.02	0.12
ENSG0000(RP11-220D	processed_chr9	1.09E+08	1.09E+08	+	0	0
ENSG0000(B3GALNT1	protein_co chr3	1.61E+08	1.61E+08	-	5.83	6.2
ENSG0000(GPRIN1	protein_co chr5	1.77E+08	1.77E+08	-	0.82	1.17
ENSG0000(HSPB3	protein_co chr5	54455601	54456384	+	0	0
ENSG0000(KCNAB1	protein_co chr3	1.56E+08	1.57E+08	+	0.33	0.41
ENSG0000(MRPL1	protein_co chr4	77862520	77952790	+	6.82	6.52
ENSG0000(SHE	protein_co chr1	1.54E+08	1.55E+08	-	0.03	0.02
ENSG0000(NROB1	protein_co chrX	30304206	30309598	-	0.16	0
ENSG0000(PGM2	protein_co chr4	37826633	37862937	+	12.16	9.9
ENSG0000(STK32A	protein_co chr5	1.47E+08	1.47E+08	+	0.13	0.26
ENSG0000(IL1RAPL1	protein_co chrX	28587399	29956723	+	0	0.02
ENSG0000(P2RY12	protein_co chr3	1.51E+08	1.51E+08	-	0.03	0.07
ENSG0000(C22orf15	protein_co chr22	23763021	23765861	+	0	0.03
ENSG0000(GUSBP12	unprocessε chr7	57200825	57203597	-	0	0
ENSG0000(OR5AU1	protein_co chr14	21154865	21156063	-	0	0
ENSG0000(KIAA1024	protein_co chr15	79432516	79472290	+	0.27	0.35
ENSG0000(PDILT	protein_co chr16	20359170	20404737	-	0	0
ENSG0000(UMOD	protein_co chr16	20333052	20356301	-	0	0
ENSG0000(GP2	protein_co chr16	20309572	20327808	-	0.03	0
ENSG0000(SLC33A1	protein_co chr3	1.56E+08	1.56E+08	-	12.49	12.46
ENSG0000(SNUPN	protein_co chr15	75598083	75626469	-	19.68	24
ENSG0000(CRADD	protein_co chr12	93677375	93894840	+	7.02	7.93
ENSG0000(SIN3A	protein_co chr15	75369379	75455842	-	12.82	13.1
ENSG0000(ARL13B	protein_co chr3	93980139	94055668	+	3.93	4.15
ENSG0000(RNASE2	protein_co chr14	20955452	20956436	+	0	0
ENSG0000(ELSPBP1	protein_co chr19	47994651	48025153	+	0	0
ENSG0000(RNASE3	protein_co chr14	20891399	20892348	+	0	0
ENSG0000(PTK2	protein_co chr8	1.41E+08	1.41E+08	-	28.38	27.14
ENSG0000(RSPH10B2	protein_co chr7	6754109	6799365	+	0.29	0.26

ENSG0000(PTAFR	protein_co chr1	28147166	28193936	-	0.04	0.03
ENSG0000(PTPN9	protein_co chr15	75463251	75579289	-	11.68	12.1
ENSG0000(RNASE6	protein_co chr14	20781051	20782467	+	0	0
ENSG0000(NPR1	protein_co chr1	1.54E+08	1.54E+08	+	3.55	4.03
ENSG0000(KCNK9	protein_co chr8	1.4E+08	1.4E+08	-	0	0
ENSG0000(CXCL8	protein_co chr4	73740506	73743716	+	22.88	17.51
ENSG0000(SCN9A	protein_co chr2	1.66E+08	1.66E+08	-	4.43	3.84
ENSG0000(RASSF6	protein_co chr4	73571550	73620631	-	0	0
ENSG0000(COL22A1	protein_co chr8	1.39E+08	1.39E+08	-	4.04	4.63
ENSG0000(SDC2	protein_co chr8	96493351	96611780	+	17.37	16.51
ENSG0000(CD52	protein_co chr1	26317957	26320523	+	0	0.18
ENSG0000(MMGT1	protein_co chrX	1.36E+08	1.36E+08	-	6.03	6.94
ENSG0000(SPRR1B	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(SPRR1A	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(OR4K14	protein_co chr14	20014260	20015193	-	0	0
ENSG0000(OR4K15	protein_co chr14	19975444	19976659	+	0	0
ENSG0000(TM2D2	protein_co chr8	38988808	38996824	-	17.3	20.66
ENSG0000(HTRA4	protein_co chr8	38974164	38988662	+	0.05	0.15
ENSG0000(PLEKHA2	protein_co chr8	38901235	38973909	+	15.18	14.76
ENSG0000(CLIC4	protein_co chr1	24745357	24844324	+	143.93	139.26
ENSG0000(SLC38A11	protein_co chr2	1.65E+08	1.65E+08	-	0.01	0
ENSG0000(GPR183	protein_co chr13	99294530	99307405	-	0	0
ENSG0000(CRCT1	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(CCDC8	protein_co chr19	46410372	46413584	-	5.66	6.75
ENSG0000(METTL15	protein_co chr11	28108248	28527041	+	2.5	2.72
ENSG0000(ZNF280A	protein_co chr22	22513736	22520270	-	0	0
ENSG0000(MUC15	protein_co chr11	26559033	26572233	-	0	0
ENSG0000(CT55	protein_co chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(ZEB2	protein_co chr2	1.44E+08	1.45E+08	-	22.74	19.18
ENSG0000(GJB1	protein_co chrX	71215194	71225516	+	0	0
ENSG0000(PCBP1	protein_co chr2	70087454	70089203	+	80.17	81.96
ENSG0000(HINT1	protein_co chr5	1.31E+08	1.31E+08	-	91.33	97.95
ENSG0000(DTWD2	protein_co chr5	1.19E+08	1.19E+08	-	0.77	1.81
ENSG0000(VPREB1	protein_co chr22	22244675	22245515	+	0	0
ENSG0000(CLIC3	protein_co chr9	1.37E+08	1.37E+08	-	5.88	6.35
ENSG0000(INO80E	protein_co chr16	29995294	30005793	+	29.08	21.89
ENSG0000(BNC1	protein_co chr15	83255903	83284714	-	4.9	4.78
ENSG0000(DFFB	protein_co chr1	3857267	3885429	+	2.23	2.18
ENSG0000(NFU1	protein_co chr2	69395750	69437628	-	16.88	18.41
ENSG0000(ANTXR1	protein_co chr2	69013178	69249327	+	44.69	47.41
ENSG0000(GKN1	protein_co chr2	68974573	68980974	+	0.16	0.17
ENSG0000(CKAP2L	protein_co chr2	1.13E+08	1.13E+08	-	0.11	0.13
ENSG0000(C15orf40	protein_co chr15	82988441	83011641	-	14.33	11.27
ENSG0000(FAM103A1	protein_co chr15	82986207	82991057	+	5.5	5.8
ENSG0000(PROKR1	protein_co chr2	68643589	68658247	+	0	0

ENSG0000(APLF	protein_co chr2	68467561	68655862	+	1.29	1.15
ENSG0000(BOLA2B	protein_co chr16	30192934	30194306	-	22.1	22.34
ENSG0000(RGPD8	protein_co chr2	1.12E+08	1.12E+08	-	6.62	8.05
ENSG0000(HIC2	protein_co chr22	21417404	21451463	+	1.23	0.86
ENSG0000(LUZP1	protein_co chr1	23084023	23177808	-	11.37	12.39
ENSG0000(HEXDC	protein_co chr17	82418318	82442645	+	7.06	9.55
ENSG0000(BCRP6	unprocessε chr22	21290760	21294586	-	0	0
ENSG0000(BCRP2	transcribec chr22	21103016	21122285	+	1.35	1.47
ENSG0000(DRD5	protein_co chr4	9781680	9784009	+	0	0
ENSG0000(BUB1	protein_co chr2	1.11E+08	1.11E+08	-	0.3	0.22
ENSG0000(SPNS1	protein_co chr16	28974221	28984548	+	40.73	42.65
ENSG0000(LRRC45	protein_co chr17	82023302	82031151	+	6.33	3.9
ENSG0000(CHRNA5	protein_co chr15	78565520	78595269	+	0	0.1
ENSG0000(MT1B	protein_co chr16	56651899	56653204	+	0	0
ENSG0000(CENPX	protein_co chr17	82018702	82024107	-	20.84	17.45
ENSG0000(AGPAT2	protein_co chr9	1.37E+08	1.37E+08	-	29.51	24.54
ENSG0000(ASPSCR1	protein_co chr17	81976807	82017406	+	9.13	11.04
ENSG0000(GP9	protein_co chr3	1.29E+08	1.29E+08	+	0	0
ENSG0000(FASN	protein_co chr17	82078333	82098332	-	23.39	23.01
ENSG0000(CNBP	protein_co chr3	1.29E+08	1.29E+08	-	90.84	90.33
ENSG0000(MT1E	protein_co chr16	56625475	56627112	+	25.37	25.33
ENSG0000(ACTRT2	protein_co chr1	3021483	3022903	+	0	0
ENSG0000(DUS1L	protein_co chr17	82057506	82065887	-	18.31	15.87
ENSG0000(GPS1	protein_co chr17	82050691	82057470	+	33.02	33.16
ENSG0000(RFNG	protein_co chr17	82047902	82051831	-	18.7	22.82
ENSG0000(DCXR	protein_co chr17	82035136	82037732	-	24.92	25.84
ENSG0000(ZNF32	protein_co chr10	43643859	43648856	-	21.49	23.06
ENSG0000(LDB2	protein_co chr4	16501541	16898809	-	4.08	4.89
ENSG0000(RAC3	protein_co chr17	82031624	82034204	+	2.36	2.6
ENSG0000(NRG4	protein_co chr15	75935969	76059795	-	0	0
ENSG0000(LIMS1	protein_co chr2	1.09E+08	1.09E+08	+	40.17	37.88
ENSG0000(TMEM266	protein_co chr15	76059837	76229121	+	0.03	0.16
ENSG0000(NLGN1	protein_co chr3	1.73E+08	1.74E+08	+	0.37	0.37
ENSG0000(TAPT1	protein_co chr4	16160505	16227410	-	11.66	9.78
ENSG0000(PRYP3	transcribec chrY	23681440	23694579	-	0	0
ENSG0000(UGP2	protein_co chr2	63840940	63891562	+	59.97	58.39
ENSG0000(TAS2R1	protein_co chr5	9628997	9712378	-	0	0
ENSG0000(LINGO1	protein_co chr15	77613027	77820900	-	0.12	0.02
ENSG0000(PRY	protein_co chrY	22490397	22514637	+	0	0
ENSG0000(RBMY1F	protein_co chrY	22168542	22182982	-	0	0
ENSG0000(PRY2	protein_co chrY	22071756	22096007	-	0	0
ENSG0000(RBMY1HP	unprocessε chrY	21493519	21501968	+	0	0
ENSG0000(HNRNPF	protein_co chr10	43385617	43409166	-	77.88	84
ENSG0000(BTD	protein_co chr3	15601341	15645822	+	13.52	12.3
ENSG0000(CSGALNAC	protein_co chr10	43138486	43185308	+	13.07	12.87

ENSG0000(TACR3	protein_co chr4	1.04E+08	1.04E+08	-	0	0
ENSG0000(GSX1	protein_co chr13	27792643	27794768	+	0	0
ENSG0000(TSPY14P	unprocessε chrY	21468158	21470683	+	0	0
ENSG0000(PCDH7	protein_co chr4	30720415	31146805	+	0.66	0.67
ENSG0000(ROBO1	protein_co chr3	78597240	79767815	-	19.99	16.51
ENSG0000(ONECUT1	protein_co chr15	52756989	52791078	-	0	0
ENSG0000(AVEN	protein_co chr15	33866227	34039176	-	18.44	19.08
ENSG0000(P2RY1	protein_co chr3	1.53E+08	1.53E+08	+	0.03	0.01
ENSG0000(CTNND2	protein_co chr5	10971840	11904043	-	0	0
ENSG0000(TRIM56	protein_co chr7	1.01E+08	1.01E+08	+	11.54	10.09
ENSG0000(MUC17	protein_co chr7	1.01E+08	1.01E+08	+	0	0
ENSG0000(AHSP	protein_co chr16	31527864	31528803	+	0	0
ENSG0000(WNT10B	protein_co chr12	48965340	48971763	-	0.19	0.16
ENSG0000(CALML6	protein_co chr1	1914827	1917296	+	0.06	0.35
ENSG0000(REPS2	protein_co chrX	16946691	17153280	+	0.12	0.14
ENSG0000(MUC3A	protein_co chr7	1.01E+08	1.01E+08	+	0.04	0.04
ENSG0000(SYAP1	protein_co chrX	16719632	16765336	+	5.71	5.16
ENSG0000(ITGAM	protein_co chr16	31259990	31332892	+	0.01	0
ENSG0000(PYDC1	protein_co chr16	31215962	31217359	-	0	0
ENSG0000(TPST1	protein_co chr7	66205199	66420543	+	75.28	84.45
ENSG0000(TM4SF4	protein_co chr3	1.49E+08	1.5E+08	+	0	0
ENSG0000(TOR1AIP2	protein_co chr1	1.8E+08	1.8E+08	-	11.41	11.17
ENSG0000(S100G	protein_co chrX	16650158	16654670	+	0	0
ENSG0000(TM4SF1	protein_co chr3	1.49E+08	1.49E+08	-	90.02	72.82
ENSG0000(OTUD3	protein_co chr1	19882513	19912945	+	2.12	1.37
ENSG0000(OTUD7A	protein_co chr15	31475398	31870789	-	0.02	0.14
ENSG0000(GUSB	protein_co chr7	65960684	65982314	-	26.64	25.61
ENSG0000(BRD3	protein_co chr9	1.34E+08	1.34E+08	-	9.38	7.03
ENSG0000(KLF13	protein_co chr15	31326855	31435665	+	13.79	14.08
ENSG0000(FRMPD4	protein_co chrX	12138466	12724523	+	4.81	3.99
ENSG0000(ZFPM2	protein_co chr8	1.05E+08	1.06E+08	+	11.35	10.88
ENSG0000(ZNF764	protein_co chr16	30553764	30558498	-	3.38	2.8
ENSG0000(HSFY2	protein_co chrY	18731440	18828662	-	0	0
ENSG0000(ZNF747	protein_co chr16	30530367	30535347	-	2.99	3.82
ENSG0000(ZNF768	protein_co chr16	30524001	30526821	-	13.84	12.76
ENSG0000(TAS1R3	protein_co chr1	1331314	1335306	+	0.03	0.02
ENSG0000(TMEM42	protein_co chr3	44861869	44865670	+	17.19	15.19
ENSG0000(MAP3K2	protein_co chr2	1.27E+08	1.27E+08	-	11.94	11.11
ENSG0000(PUSL1	protein_co chr1	1308567	1311677	+	12.11	12.39
ENSG0000(SF3B5	protein_co chr6	1.44E+08	1.44E+08	-	73.48	78.72
ENSG0000(ZNF35	protein_co chr3	44648727	44660791	+	1.84	2.1
ENSG0000(TIGD4	protein_co chr4	1.53E+08	1.53E+08	-	0.02	0.1
ENSG0000(FFO2	protein_co chr1	18904281	18956686	-	2.51	2.73
ENSG0000(NLGN2	protein_co chr17	7404874	7419860	+	20.03	19.47
ENSG0000(MYO7B	protein_co chr2	1.28E+08	1.28E+08	+	0	0.02

ENSG00000108380	CHD3	protein_co chr17	7884806	7912760	+	55.81	56.02
ENSG00000108381	TMEM154	protein_co chr4	1.53E+08	1.53E+08	-	2.48	1.55
ENSG00000108382	MYRIP	protein_co chr3	39808914	40260321	+	0.17	0.31
ENSG00000108383	ALCAM	protein_co chr3	1.05E+08	1.06E+08	+	57.2	49.03
ENSG00000108384	YWHAG	protein_co chr7	76326794	76359031	-	55.43	55.4
ENSG00000108385	UBE2E3	protein_co chr2	1.81E+08	1.81E+08	+	74.74	81.15
ENSG00000108386	CNTROB	protein_co chr17	7932101	7949918	+	11.2	12.22
ENSG00000108387	TRAPPC1	protein_co chr17	7930345	7932123	-	95.4	92.97
ENSG00000108388	ZPLD1	protein_co chr3	1.02E+08	1.02E+08	+	0.07	0.04
ENSG00000108389	KCNAB3	protein_co chr17	7921859	7929803	-	0.13	0.2
ENSG00000108390	SERPINA9	protein_co chr14	94462717	94479689	-	0	0
ENSG00000108391	FAM153A	protein_co chr5	1.78E+08	1.78E+08	-	0	0
ENSG00000108392	GPR37L1	protein_co chr1	2.02E+08	2.02E+08	+	0.02	0.01
ENSG00000108393	SIMC1	protein_co chr5	1.76E+08	1.76E+08	+	4.59	3.97
ENSG00000108394	TMEM192	protein_co chr4	1.65E+08	1.65E+08	-	10.11	9.94
ENSG00000108395	RP11-423H	transcribed chr5	1.78E+08	1.78E+08	+	6.81	5.29
ENSG00000108396	HMP19	protein_co chr5	1.74E+08	1.74E+08	+	0	0
ENSG00000108397	SPDYE5	protein_co chr7	75493625	75504304	+	0.14	0.05
ENSG00000108398	SERPINA6	protein_co chr14	94304248	94323394	-	0	0
ENSG00000108399	ZNF778	protein_co chr16	89217703	89237071	+	1.82	2.29
ENSG00000108400	NIPA1	protein_co chr15	22773063	22829791	+	4.87	4.5
ENSG00000108401	FOXD4	protein_co chr9	116231	118204	-	0.08	0.09
ENSG00000108402	GPR25	protein_co chr1	2.01E+08	2.01E+08	+	0	0
ENSG00000108403	UBE2E1	protein_co chr3	23805903	23891316	+	56.45	50.2
ENSG00000108404	HNRNPA3	protein_co chr2	1.77E+08	1.77E+08	+	59.45	63.36
ENSG00000108405	SIK2	protein_co chr11	1.12E+08	1.12E+08	+	6.81	7.9
ENSG00000108406	RP11-374M	processed_chr9	61861853	61862567	-	0	0
ENSG00000108407	RNF150	protein_co chr4	1.41E+08	1.41E+08	-	0.15	0.26
ENSG00000108408	CCDC144A	protein_co chr17	16689537	16777881	+	3.13	2.56
ENSG00000108409	RP11-262H	lincRNA chr9	62897449	62900104	+	0.76	0.69
ENSG00000108410	VGLL2	protein_co chr6	1.17E+08	1.17E+08	+	0	0
ENSG00000108411	CR848007	unprocessed_chr9	42901238	42920095	+	0	0
ENSG00000108412	HOXD4	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG00000108413	CHRNB1	protein_co chr17	7445061	7457707	+	5.39	5.29
ENSG00000108414	HOXD12	protein_co chr2	1.76E+08	1.76E+08	+	0	0
ENSG00000108415	GYPA	protein_co chr4	1.44E+08	1.44E+08	-	0	0
ENSG00000108416	USP38	protein_co chr4	1.43E+08	1.43E+08	+	4.32	4.44
ENSG00000108417	SLC16A5	protein_co chr17	75087727	75106162	+	4.72	4.1
ENSG00000108418	NANP	protein_co chr20	25612935	25624175	-	2.24	2.33
ENSG00000108419	ANKK1	protein_co chr11	1.13E+08	1.13E+08	+	0.02	0.02
ENSG00000108420	ADRA1B	protein_co chr5	1.6E+08	1.6E+08	+	0.13	0.04
ENSG00000108421	ADPRM	protein_co chr17	10697594	10711233	+	5.44	3.63
ENSG00000108422	FABP6	protein_co chr5	1.6E+08	1.6E+08	+	0.18	0
ENSG00000108423	PWWP2A	protein_co chr5	1.6E+08	1.6E+08	-	5.23	4.95
ENSG00000108424	USP50	protein_co chr15	50500562	50546708	-	0.53	0.13

ENSG0000(USP47	protein_co chr11	11841423	11959323	+	17.6	18.32
ENSG0000(PDCD6IP	protein_co chr3	33798352	33869707	+	119.71	122.09
ENSG0000(MRGPRX1	protein_co chr11	18933813	18939507	-	0	0
ENSG0000(ZNF212	protein_co chr7	1.49E+08	1.49E+08	+	3.52	3.99
ENSG0000(MRAP	protein_co chr21	32291813	32314784	+	0	0.78
ENSG0000(FAM161A	protein_co chr2	61824854	61854143	-	2.8	2.08
ENSG0000(ZNF282	protein_co chr7	1.49E+08	1.49E+08	+	8.76	8.72
ENSG0000(GLB1	protein_co chr3	32996608	33097230	-	71.51	68.77
ENSG0000(GON7	protein_co chr14	93202894	93207094	-	2.47	2.49
ENSG0000(FAXDC2	protein_co chr5	1.55E+08	1.55E+08	-	33.6	37.29
ENSG0000(CRTAP	protein_co chr3	33113979	33147773	+	236.67	253.7
ENSG0000(HSPB2	protein_co chr11	1.12E+08	1.12E+08	+	2.75	2.26
ENSG0000(C7orf33	protein_co chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(CNGB3	protein_co chr8	86553977	86743675	-	0	0
ENSG0000(SLN	protein_co chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(ELP5	protein_co chr17	7251416	7259940	+	14.72	17.41
ENSG0000(CMTM8	protein_co chr3	32238679	32370325	+	0.51	0.78
ENSG0000(GABARAP	protein_co chr17	7240014	7242770	-	598.37	634.08
ENSG0000(LGALS9B	protein_co chr17	20449395	20467539	-	0	0
ENSG0000(STX8	protein_co chr17	9250471	9576591	-	38.56	35.89
ENSG0000(CDK1	protein_co chr10	60778331	60794852	+	0.47	0.45
ENSG0000(UBB	protein_co chr17	16380798	16382745	+	514.39	506.84
ENSG0000(NFRKB	protein_co chr11	1.3E+08	1.3E+08	-	6.57	7
ENSG0000(FABP4	protein_co chr8	81478419	81483263	-	0	0
ENSG0000(FRMPD2	protein_co chr10	48153088	48274870	-	0	0
ENSG0000(PRDM10	protein_co chr11	1.3E+08	1.3E+08	-	3.45	2.44
ENSG0000(B3GNT2	protein_co chr2	62196113	62224731	+	3.31	4.59
ENSG0000(FOS	protein_co chr14	75278774	75282230	+	2.01	2.8
ENSG0000(TMED10	protein_co chr14	75131470	75176631	-	237.45	219.54
ENSG0000(OR2A20P	transcribec chr7	1.44E+08	1.44E+08	-	0.44	0.35
ENSG0000(SETMAR	protein_co chr3	4303304	4317567	+	5.73	6.32
ENSG0000(SMAD1	protein_co chr4	1.45E+08	1.46E+08	+	17.46	16.93
ENSG0000(CST5	protein_co chr20	23875935	23879750	-	0	0
ENSG0000(CST2	protein_co chr20	23823769	23826731	-	0.58	0.42
ENSG0000(EMX2	protein_co chr10	1.18E+08	1.18E+08	+	0	0
ENSG0000(CST1	protein_co chr20	23747553	23751268	-	28.24	23.88
ENSG0000(SP7	protein_co chr12	53326575	53345315	-	0	0
ENSG0000(TCAF2	protein_co chr7	1.44E+08	1.44E+08	+	1.73	1.53
ENSG0000(SEMA3E	protein_co chr7	83363906	83649010	-	0.11	0
ENSG0000(LRRN2	protein_co chr1	2.05E+08	2.05E+08	-	0.02	0
ENSG0000(SLC30A1	protein_co chr1	2.12E+08	2.12E+08	-	6.45	6.49
ENSG0000(DCLK2	protein_co chr4	1.5E+08	1.5E+08	+	1.34	1.53
ENSG0000(ZNF804A	protein_co chr2	1.85E+08	1.85E+08	+	0.23	0.4
ENSG0000(CTA-313A1	unprocessε chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(GPRC5C	protein_co chr17	74424851	74451653	+	6.13	8.01

ENSG0000(TMEM182	protein_co chr2	1.03E+08	1.03E+08 +	5.18	6.41
ENSG0000(VSTM2A	protein_co chr7	54542325	54571080 +	0	0
ENSG0000(KRT8	protein_co chr12	52897187	52949954 -	28.15	26.1
ENSG0000(KRT78	protein_co chr12	52837804	52849092 -	0	0
ENSG0000(ADORA2B	protein_co chr17	15944917	15975746 +	28.69	26.28
ENSG0000(SDR9C7	protein_co chr12	56923154	56934405 -	0.03	0.04
ENSG0000(MGMT	protein_co chr10	1.29E+08	1.3E+08 +	11.22	12.77
ENSG0000(METTL7B	protein_co chr12	55681546	55684611 +	1.44	1.55
ENSG0000(KRT86	protein_co chr12	52249300	52309163 +	0.08	0.06
ENSG0000(HARS	protein_co chr5	1.41E+08	1.41E+08 -	24.58	23.8
ENSG0000(NFXL1	protein_co chr4	47847233	47914667 -	1.86	2.16
ENSG0000(KRT75	protein_co chr12	52424070	52434525 -	0	0
ENSG0000(DENND5B	protein_co chr12	31382223	31591097 -	4.12	4.37
ENSG0000(CD14	protein_co chr5	1.41E+08	1.41E+08 -	3.21	3.99
ENSG0000(DNAJC18	protein_co chr5	1.39E+08	1.39E+08 -	8.37	8.25
ENSG0000(KRT6C	protein_co chr12	52468516	52473785 -	0	0
ENSG0000(RIOX1	protein_co chr14	73490964	73493392 +	4.7	5.34
ENSG0000(SPATA24	protein_co chr5	1.39E+08	1.39E+08 -	2.42	1.62
ENSG0000(RALGAPB	protein_co chr20	38472816	38578861 +	13.95	13.62
ENSG0000(PYM1	protein_co chr12	55901413	55932618 -	12.61	14.12
ENSG0000(MZB1	protein_co chr5	1.39E+08	1.39E+08 -	0	0
ENSG0000(KRT4	protein_co chr12	52806549	52814551 -	0	0
ENSG0000(SLC23A1	protein_co chr5	1.39E+08	1.39E+08 -	0	0
ENSG0000(KRT74	protein_co chr12	52565782	52573825 -	0	0
ENSG0000(NPAS2	protein_co chr2	1.01E+08	1.01E+08 +	13.07	10.62
ENSG0000(KRT72	protein_co chr12	52585589	52601538 -	0	0
ENSG0000(KISS1	protein_co chr1	2.04E+08	2.04E+08 -	0	0
ENSG0000(LONRF2	protein_co chr2	1E+08	1E+08 -	0.27	0.37
ENSG0000(NUDT9	protein_co chr4	87422582	87459454 +	17.5	15.34
ENSG0000(HSD17B13	protein_co chr4	87303789	87322906 -	0.17	0.14
ENSG0000(PA2G4	protein_co chr12	56104319	56113907 +	34.87	34.53
ENSG0000(COX7B2	protein_co chr4	46734827	46909235 -	0	0
ENSG0000(ELOVL6	protein_co chr4	1.1E+08	1.1E+08 -	3.98	1.55
ENSG0000(KRT83	protein_co chr12	52314301	52321398 -	0.06	0
ENSG0000(PFKFB3	protein_co chr10	6144934	6254644 +	18.1	18.82
ENSG0000(TMC7	protein_co chr16	18983934	19063942 +	0.15	0.19
ENSG0000(ARL6IP1	protein_co chr16	18791667	18801678 -	25.54	27.02
ENSG0000(SERPINB9	protein_co chr6	2887266	2903280 -	2.37	2.06
ENSG0000(SMAGP	protein_co chr12	51244558	51270890 -	5.64	4.26
ENSG0000(IRX1	protein_co chr5	3596054	3601403 +	0	0
ENSG0000(CDH2	protein_co chr18	27950966	28177446 -	69.87	57.13
ENSG0000(IRX2	protein_co chr5	2745845	2751662 -	0	0
ENSG0000(EMB	protein_co chr5	50396192	50443248 -	5.19	5.35
ENSG0000(SIX2	protein_co chr2	45005161	45009430 -	3.53	3.89
ENSG0000(DLGAP1	protein_co chr18	3496032	4455335 -	0.2	0.06

ENSG00000108060	STAT2	protein_co	chr12	56341597	56360155	-	124.81	135.94
ENSG00000108061	NUDCD2	protein_co	chr5	1.63E+08	1.63E+08	-	8.68	7.63
ENSG00000108062	LINC00266	lincRNA	chr6	131910	144885	-	0	0
ENSG00000108063	IRF2BP1	protein_co	chr19	45883607	45886170	-	7.7	10.54
ENSG00000108064	OR9K2	protein_co	chr12	55129681	55130802	+	0	0
ENSG00000108065	HSPA4	protein_co	chr5	1.33E+08	1.33E+08	+	42.9	41.27
ENSG00000108066	FOXA3	protein_co	chr19	45863989	45873797	+	0	0
ENSG00000108067	FAM71B	protein_co	chr5	1.57E+08	1.57E+08	-	0	0
ENSG00000108068	SLC26A5	protein_co	chr7	1.03E+08	1.03E+08	-	0	0
ENSG00000108069	COMMD5	protein_co	chr8	1.45E+08	1.45E+08	-	12.76	14.07
ENSG00000108070	SGCD	protein_co	chr5	1.56E+08	1.57E+08	+	3.08	3
ENSG00000108071	GTSF1	protein_co	chr12	54455950	54473602	-	0	0
ENSG00000108072	DPY19L2P2	transcribed	chr7	1.03E+08	1.03E+08	-	2.3	2.41
ENSG00000108073	ZNF16	protein_co	chr8	1.45E+08	1.45E+08	-	3.17	3.42
ENSG00000108074	ARMC10	protein_co	chr7	1.03E+08	1.03E+08	+	19.99	20.37
ENSG00000108075	RNF34	protein_co	chr12	1.21E+08	1.21E+08	+	12.46	10.98
ENSG00000108076	ACYP2	protein_co	chr2	53970838	54305300	+	4.55	6.2
ENSG00000108077	TRABD	protein_co	chr22	50185915	50199598	+	10.14	11.56
ENSG00000108078	TMEM133	protein_co	chr11	1.01E+08	1.01E+08	+	1.52	1.42
ENSG00000108079	ATF7	protein_co	chr12	53507856	53626410	-	11.36	14.14
ENSG00000108080	RASA4B	protein_co	chr7	1.02E+08	1.03E+08	-	6.75	8.77
ENSG00000108081	SOCS6	protein_co	chr18	70288901	70330200	+	5.43	5.03
ENSG00000108082	MURC	protein_co	chr9	1.01E+08	1.01E+08	+	0.61	0.69
ENSG00000108083	OR10A3	protein_co	chr11	7938534	7939594	-	0	0
ENSG00000108084	ZNF296	protein_co	chr19	45071500	45076588	-	0.59	0.31
ENSG00000108085	OR5E1P	unprocessed	chr11	7848700	7849626	+	0	0
ENSG00000108086	HOXB9	protein_co	chr17	48621159	48626356	-	0	0
ENSG00000108087	TTL6	protein_co	chr17	48762235	48817214	-	0	0
ENSG00000108088	POLH	protein_co	chr6	43576150	43615660	+	14.41	10.3
ENSG00000108089	SYT9	protein_co	chr11	7238778	7469042	+	0	0
ENSG00000108090	KCNS3	protein_co	chr2	17877847	18361616	+	0	0
ENSG00000108091	RBMXL2	protein_co	chr11	7089027	7090900	+	0.03	0
ENSG00000108092	KIF5B	protein_co	chr10	32009010	32056431	-	22.4	25.38
ENSG00000108093	GPR37	protein_co	chr7	1.25E+08	1.25E+08	-	0.05	0.08
ENSG00000108094	AKAP13	protein_co	chr15	85380571	85749358	+	11.64	13.97
ENSG00000108095	TPD52L3	protein_co	chr9	6328375	6331900	+	0.02	0
ENSG00000108096	CDCA4	protein_co	chr14	1.05E+08	1.05E+08	-	4.5	3.6
ENSG00000108097	OR10A4	protein_co	chr11	6876625	6877619	+	0	0
ENSG00000108098	SDR16C5	protein_co	chr8	56300010	56320776	-	0	0
ENSG00000108099	DYDC1	protein_co	chr10	80336105	80356755	-	0.19	0
ENSG00000108100	OR10A2	protein_co	chr11	6869693	6870745	+	0	0
ENSG00000108101	CHCHD7	protein_co	chr8	56211686	56218798	+	9.59	11.49
ENSG00000108102	HTRA3	protein_co	chr4	8269765	8307111	+	6.75	7.1
ENSG00000108103	FOXN2	protein_co	chr2	48314637	48379294	+	3.28	3.84
ENSG00000108104	LMOD2	protein_co	chr7	1.24E+08	1.24E+08	+	0	0.05

ENSG0000(BFSP2	protein_co chr3	1.33E+08	1.33E+08	+	0	0
ENSG0000(FSHR	protein_co chr2	48962157	49154537	-	0	0
ENSG0000(CELP	transcribec chr9	1.33E+08	1.33E+08	+	0.02	0.02
ENSG0000(USP32	protein_co chr17	60179094	60422470	-	18.67	18.43
ENSG0000(CEL	protein_co chr9	1.33E+08	1.33E+08	+	0.35	0.46
ENSG0000(PPM1D	protein_co chr17	60600183	60666280	+	10.13	9.63
ENSG0000(GPR27	protein_co chr3	71754050	71756496	+	0	0
ENSG0000(AC093323.	lincRNA chr4	6673451	6676047	+	4.92	5.26
ENSG0000(PSG6	protein_co chr19	42902079	42919563	-	0.02	0
ENSG0000(KBTBD2	protein_co chr7	32868172	32894131	-	9.85	9.89
ENSG0000(RIOX2	protein_co chr3	97941818	97972457	-	6.74	6.14
ENSG0000(TRIAP1	protein_co chr12	1.2E+08	1.2E+08	-	25.61	24.89
ENSG0000(LILRP2	transcribec chr19	54707916	54713453	+	0	0
ENSG0000(LSM3	protein_co chr3	14178358	14201119	+	4.61	4.54
ENSG0000(KIAA0232	protein_co chr4	6781375	6884170	+	7.02	8.13
ENSG0000(MTSS1	protein_co chr8	1.25E+08	1.25E+08	-	38.62	30.41
ENSG0000(TMEM43	protein_co chr3	14124940	14143679	+	38.96	37.94
ENSG0000(RNF139	protein_co chr8	1.24E+08	1.24E+08	+	13.48	13.19
ENSG0000(RPS9	protein_co chr19	54200742	54249003	+	888.86	880.2
ENSG0000(PLA2G1B	protein_co chr12	1.2E+08	1.2E+08	-	0	0.21
ENSG0000(CYTL1	protein_co chr4	5014586	5019472	-	0	0.07
ENSG0000(TSEN34	protein_co chr19	54189938	54194536	+	43.08	41.63
ENSG0000(TRH	protein_co chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(GSTA4	protein_co chr6	52977948	52995378	-	13.24	12.17
ENSG0000(MSANTD4	protein_co chr11	1.06E+08	1.06E+08	-	6.21	6.47
ENSG0000(NDUFA3	protein_co chr19	54102728	54109257	+	64.66	70.94
ENSG0000(OSCAR	protein_co chr19	54094668	54102692	-	0.65	1.86
ENSG0000(PAQR8	protein_co chr6	52361421	52407777	+	2.16	2
ENSG0000(NUDT6	protein_co chr4	1.23E+08	1.23E+08	-	1.79	1.94
ENSG0000(TPT1-AS1	processed_chr13	45341345	45393413	+	17.41	19.51
ENSG0000(OR7G3	protein_co chr19	9126012	9126950	-	0	0
ENSG0000(TANC2	protein_co chr17	63009556	63427699	+	4.3	6.75
ENSG0000(OR7G2	protein_co chr19	9102269	9103306	-	0	0
ENSG0000(TEX13B	protein_co chrX	1.08E+08	1.08E+08	-	0	0
ENSG0000(PKHD1	protein_co chr6	51615300	52087625	-	0	0
ENSG0000(OR1M1	protein_co chr19	9093179	9094213	+	0	0
ENSG0000(NCBP2L	protein_co chrX	1.08E+08	1.08E+08	+	0	0
ENSG0000(DNAJC24	protein_co chr11	31369840	31431849	+	6.04	5.37
ENSG0000(MBD3L1	protein_co chr19	8832398	8843340	+	0	0
ENSG0000(ZNF160	protein_co chr19	53066606	53103436	-	10.02	10.11
ENSG0000(PGK2	protein_co chr6	49785651	49787307	-	0	0
ENSG0000(OR8B12	protein_co chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(ZNF415	protein_co chr19	53107879	53133077	-	0.91	1.32
ENSG0000(PRKCDBP	protein_co chr11	6318946	6320647	-	157.08	158.86
ENSG0000(CEACAM3	protein_co chr19	41796437	41811553	+	0	0

ENSG0000(DCDC1	protein_co chr11	30830369	31369810	-	0	0.07
ENSG0000(HAS2	protein_co chr8	1.22E+08	1.22E+08	-	0.74	1.27
ENSG0000(PDGFD	protein_co chr11	1.04E+08	1.04E+08	-	7.09	7.44
ENSG0000(PLAC1	protein_co chrX	1.35E+08	1.35E+08	-	0.28	0.17
ENSG0000(DDI1	protein_co chr11	1.04E+08	1.04E+08	+	0.02	0
ENSG0000(LINC00208	lincRNA chr8	11576313	11581342	+	0	0
ENSG0000(S1PR1	protein_co chr1	1.01E+08	1.01E+08	+	13.19	11.49
ENSG0000(HS6ST2	protein_co chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(OR4D5	protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(PYGO1	protein_co chr15	55538890	55588947	-	2.91	3.01
ENSG0000(LRRC8E	protein_co chr19	7888505	7902021	+	3.23	2.85
ENSG0000(PKIA	protein_co chr8	78516139	78605267	+	18.42	17.7
ENSG0000(XKR6	protein_co chr8	10896045	11201366	-	0.8	0.44
ENSG0000(TSNARE1	protein_co chr8	1.42E+08	1.42E+08	-	8.4	8.17
ENSG0000(FPR2	protein_co chr19	51752026	51770526	+	0	0
ENSG0000(FPR1	protein_co chr19	51745172	51804110	-	0.18	0.18
ENSG0000(PATE1	protein_co chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(OR13H1	protein_co chrX	1.32E+08	1.32E+08	+	0	0
ENSG0000(FEZ2	protein_co chr2	36531805	36646087	-	23.99	27.4
ENSG0000(SOX7	protein_co chr8	10723768	10730512	-	0.08	0.03
ENSG0000(C8orf74	protein_co chr8	10672637	10700593	+	0	0
ENSG0000(C11orf24	protein_co chr11	68261335	68272001	-	22.3	23.44
ENSG0000(FAM86JP	transcribec chr3	1.26E+08	1.26E+08	+	1.29	1.57
ENSG0000(ALK	protein_co chr2	29192774	29921566	-	0	0
ENSG0000(KYAT1	protein_co chr9	1.29E+08	1.29E+08	-	2.61	3.4
ENSG0000(MTM1	protein_co chrX	1.51E+08	1.51E+08	+	3.03	3.78
ENSG0000(SIGLEC17P	transcribec chr19	51167328	51173524	+	0	0.18
ENSG0000(OBP2B	protein_co chr9	1.33E+08	1.33E+08	-	0	0
ENSG0000(TRMT61B	protein_co chr2	28849821	28870301	-	4.76	3.73
ENSG0000(INSR	protein_co chr19	7112255	7294034	-	4.79	4.02
ENSG0000(MFN1	protein_co chr3	1.79E+08	1.79E+08	+	14.02	10.93
ENSG0000(GIMAP8	protein_co chr7	1.5E+08	1.5E+08	+	0	0
ENSG0000(HSFY1	protein_co chrX	1.5E+08	1.5E+08	+	0.45	0.47
ENSG0000(NRTN	protein_co chr19	5823802	5828324	+	0	0
ENSG0000(KCNMB3	protein_co chr3	1.79E+08	1.79E+08	-	0.48	1.3
ENSG0000(FUT3	protein_co chr19	5842888	5851474	-	0	0
ENSG0000(KCNG3	protein_co chr2	42442017	42494097	-	0	0
ENSG0000(ATP6V0E2	protein_co chr7	1.5E+08	1.5E+08	+	12.38	12.31
ENSG0000(PRKCE	protein_co chr2	45651345	46187990	+	3.44	3.78
ENSG0000(OR2K2	protein_co chr9	1.11E+08	1.11E+08	-	0	0
ENSG0000(JAGN1	protein_co chr3	9890554	9894349	+	15.24	15.37
ENSG0000(RLN3	protein_co chr19	14028148	14031042	+	0	0
ENSG0000(TADA3	protein_co chr3	9779860	9793011	-	36.83	36.48
ENSG0000(SOCS5	protein_co chr2	46698952	46763129	+	23.32	26.48
ENSG0000(C1GALT1C1	protein_co chrX	1.21E+08	1.21E+08	-	16.19	13.27

ENSG0000(C9orf16	protein_co chr9	1.28E+08	1.28E+08	+	56.46	63.69
ENSG0000(MORN4	protein_co chr10	97614553	97633500	-	7.47	6.66
ENSG0000(ZNF672	protein_co chr1	2.49E+08	2.49E+08	+	6.24	7.11
ENSG0000(ZNF692	protein_co chr1	2.49E+08	2.49E+08	-	12.19	14.33
ENSG0000(NAIF1	protein_co chr9	1.28E+08	1.28E+08	-	5.46	4.4
ENSG0000(RBKS	protein_co chr2	27781364	27891098	-	0.81	0.89
ENSG0000(OR2M4	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(GRIK1	protein_co chr21	29536933	29940033	-	0	0
ENSG0000(MUC7	protein_co chr4	70430492	70482997	+	0	0
ENSG0000(OPRPN	protein_co chr4	70397882	70410194	+	0	0
ENSG0000(SMR3B	protein_co chr4	70370093	70390244	+	0	0
ENSG0000(TMEM126	protein_co chr11	85647967	85656547	+	12.63	12.1
ENSG0000(TMEM126	protein_co chr11	85628573	85636539	+	25.18	28.77
ENSG0000(TRIM8	protein_co chr10	1.03E+08	1.03E+08	+	53.67	55.85
ENSG0000(NETO2	protein_co chr16	47077703	47143997	-	1.75	0.96
ENSG0000(CSN3	protein_co chr4	70242588	70251428	+	0	0
ENSG0000(CLDN20	protein_co chr6	1.55E+08	1.55E+08	+	0	0
ENSG0000(CDC42BPG	protein_co chr11	64823387	64844569	-	0.02	0.06
ENSG0000(SCAND1	protein_co chr20	35953617	35959472	-	28.52	33.33
ENSG0000(JUNB	protein_co chr19	12791496	12793315	+	41.19	39.1
ENSG0000(C10orf35	protein_co chr10	69630251	69633599	+	0.74	0.25
ENSG0000(TMEM37	protein_co chr2	1.19E+08	1.19E+08	+	0	0.36
ENSG0000(UGT2B7	protein_co chr4	69051363	69112987	+	0	0.1
ENSG0000(LRG1	protein_co chr19	4536409	4540474	-	0.24	0.14
ENSG0000(SHCBP1	protein_co chr16	46580554	46621626	-	0.67	0.75
ENSG0000(SOSTDC1	protein_co chr7	16461481	16530580	-	0	0
ENSG0000(NPTX1	protein_co chr17	80467148	80477843	-	0.31	0.29
ENSG0000(FAM98B	protein_co chr15	38454127	38487710	+	7.3	5.72
ENSG0000(ZNF439	protein_co chr19	11848726	11883750	+	0.9	0.73
ENSG0000(ZNF440	protein_co chr19	11814284	11835201	+	1.52	1.56
ENSG0000(GAA	protein_co chr17	80101556	80119879	+	61.74	64.67
ENSG0000(CANT1	protein_co chr17	78991717	79009867	-	24.59	24.42
ENSG0000(KCNK3	protein_co chr2	26692690	26733420	+	0.03	0.06
ENSG0000(ZDHHC16	protein_co chr10	97446131	97457370	+	23.07	23.37
ENSG0000(CHST11	protein_co chr12	1.04E+08	1.05E+08	+	12.64	11.96
ENSG0000(EXOSC1	protein_co chr10	97436142	97446017	-	19.96	17.39
ENSG0000(PGAM1	protein_co chr10	97426160	97433441	+	308.38	287.48
ENSG0000(CHD7	protein_co chr8	60678778	60868028	+	0.92	0.36
ENSG0000(ESCO2	protein_co chr8	27771949	27812640	+	0.1	0.13
ENSG0000(KRT19	protein_co chr17	41523617	41528308	-	2.79	2.61
ENSG0000(KRT15	protein_co chr17	41513743	41522529	-	0.14	0.15
ENSG0000(LURAP1	protein_co chr1	46203334	46221261	+	1.72	1.5
ENSG0000(KRT38	protein_co chr17	41436446	41440921	-	0.02	0
ENSG0000(CLCN5	protein_co chrX	49922615	50099235	+	2.38	2.52
ENSG0000(TPPP	protein_co chr5	659862	693395	-	0.04	0.06

ENSG0000(KCND3	protein_co chr1	1.12E+08	1.12E+08	-	0.89	1.14
ENSG0000(APLN	protein_co chrX	1.3E+08	1.3E+08	-	7.61	6.41
ENSG0000(KRTAP4-4	protein_co chr17	41159651	41160731	-	0	0
ENSG0000(KRT13	protein_co chr17	41500981	41505705	-	0.07	0
ENSG0000(XAGE3	protein_co chrX	52862525	52868068	-	0	0
ENSG0000(KRT9	protein_co chr17	41565841	41572058	-	0	0.04
ENSG0000(XAGE5	protein_co chrX	52812204	52818301	+	0	0
ENSG0000(PDE7B	protein_co chr6	1.36E+08	1.36E+08	+	7.51	7.3
ENSG0000(MRPL36	protein_co chr5	1798386	1801366	-	25.9	27.77
ENSG0000(ZNF581	protein_co chr19	55635459	55645622	+	20.12	20.61
ENSG0000(NAT1	protein_co chr8	18170477	18223689	+	3.81	3.27
ENSG0000(KRT20	protein_co chr17	40875941	40885227	-	0	0
ENSG0000(GLOD5	protein_co chrX	48761750	48773648	+	0	0
ENSG0000(KSR2	protein_co chr12	1.17E+08	1.18E+08	-	0	0
ENSG0000(ZNF524	protein_co chr19	55600022	55603138	+	11.14	9.5
ENSG0000(MCC	protein_co chr5	1.13E+08	1.13E+08	-	28.28	27.58
ENSG0000(KRT27	protein_co chr17	40776808	40782534	-	0	0
ENSG0000(ZBTB26	protein_co chr9	1.23E+08	1.23E+08	-	2.48	1.91
ENSG0000(CDK5R2	protein_co chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(DSEL	protein_co chr18	67506582	67516980	-	6.53	6.72
ENSG0000(POLR1C	protein_co chr6	43509702	43529585	+	12.55	8.51
ENSG0000(ASXL1	protein_co chr20	32358344	32439319	+	26.48	23.36
ENSG0000(OR1L6	protein_co chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(DLK2	protein_co chr6	43450352	43456632	-	0.17	0.25
ENSG0000(ZNF562	protein_co chr19	9641808	9675086	-	4.03	3.58
ENSG0000(ZNF318	protein_co chr6	43307134	43369478	-	7.02	6.97
ENSG0000(ZNF561	protein_co chr19	9604680	9621399	-	15.36	12.8
ENSG0000(WIPF2	protein_co chr17	40219304	40284136	+	10.68	10.62
ENSG0000(HOPX	protein_co chr4	56647988	56681899	-	0.06	0.02
ENSG0000(SPACA5B	protein_co chrX	48130657	48132613	+	0	0
ENSG0000(OR1L3	protein_co chr9	1.23E+08	1.23E+08	+	0.06	0.07
ENSG0000(SSX6	transcribec chrX	48107992	48120210	+	0	0
ENSG0000(NLRP5	protein_co chr19	55999726	56061813	+	0	0
ENSG0000(LRRC8C	protein_co chr1	89633072	89769903	+	2.57	2.84
ENSG0000(SPACA5	protein_co chrX	48004336	48009729	+	0	0
ENSG0000(RSL1D1	protein_co chr16	11833850	11851585	-	42.61	47.22
ENSG0000(LRRC8D	protein_co chr1	89821014	89936611	+	13.32	13.93
ENSG0000(MROH2B	protein_co chr5	40998017	41071342	-	0	0
ENSG0000(OR1L8	protein_co chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(PPID	protein_co chr4	1.59E+08	1.59E+08	-	11.25	11.99
ENSG0000(OR1N2	protein_co chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(COL24A1	protein_co chr1	85729233	86156943	-	0.42	0.37
ENSG0000(ETFDH	protein_co chr4	1.59E+08	1.59E+08	+	12.35	13.21
ENSG0000(OR1N1	protein_co chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(RXFP1	protein_co chr4	1.58E+08	1.59E+08	+	0.1	0.2

ENSG0000(LPAR3	protein_co chr1	84811602	84893213	-	0.8	0.43
ENSG0000(PTGER4	protein_co chr5	40679498	40693735	+	0.73	1.88
ENSG0000(TBCA	protein_co chr5	77691166	77868780	-	80.38	82.91
ENSG0000(NEUROD2	protein_co chr17	39603536	39609777	-	0	0
ENSG0000(MAP6	protein_co chr11	75586918	75669120	-	2.13	2.92
ENSG0000(OTP	protein_co chr5	77628712	77639688	-	0	0
ENSG0000(ECEL1	protein_co chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(BCL2L1	protein_co chr20	31664452	31723989	-	26.69	23.78
ENSG0000(FGG	protein_co chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(FGA	protein_co chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(OR2AT4	protein_co chr11	75088713	75089754	-	0	0
ENSG0000(FGB	protein_co chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(PLRG1	protein_co chr4	1.55E+08	1.55E+08	-	36.33	33.74
ENSG0000(RAB4B-EGF	protein_co chr19	40778242	40808198	+	1.7	0.91
ENSG0000(ZNF584	protein_co chr19	58401504	58418327	+	7.16	7.24
ENSG0000(DSCAM	protein_co chr21	40010999	40847139	-	0	0
ENSG0000(DNAI2	protein_co chr17	74274247	74314884	+	0	0
ENSG0000(NMUR1	protein_co chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(CLSTN1	protein_co chr1	9729026	9824526	-	129.08	125.92
ENSG0000(CXXC5	protein_co chr5	1.4E+08	1.4E+08	+	12.79	14.53
ENSG0000(ZNF274	protein_co chr19	58183029	58213562	+	8.16	7.97
ENSG0000(PIK3CD	protein_co chr1	9651732	9729114	+	6.1	5.81
ENSG0000(PTCRA	protein_co chr6	42915989	42925835	+	0	0
ENSG0000(SLC25A33	protein_co chr1	9539482	9585179	+	1.25	1.32
ENSG0000(ENC1	protein_co chr5	74627406	74641424	-	3.61	3.47
ENSG0000(SPSB1	protein_co chr1	9292880	9369532	+	29.13	27.29
ENSG0000(P2RY6	protein_co chr11	73264505	73298617	+	0.48	0.45
ENSG0000(BPTF	protein_co chr17	67825524	67984378	+	15.86	18.07
ENSG0000(S100Z	protein_co chr5	76850001	76921650	+	0	0
ENSG0000(ZIK1	protein_co chr19	57578456	57593777	+	3.26	3.98
ENSG0000(GPR82	protein_co chrX	41724155	41730135	+	0	0.04
ENSG0000(NMRAL2P	transcribec chr3	1.86E+08	1.86E+08	+	4.1	5.55
ENSG0000(GPR34	protein_co chrX	41688973	41697277	+	0	0
ENSG0000(SHANK2-AS1	antisense chr11	70862790	70865115	+	0.03	0.04
ENSG0000(PLEKHG5	protein_co chr1	6466092	6520061	-	8.06	8.19
ENSG0000(ATF7IP	protein_co chr12	14365632	14502935	+	12.3	12.96
ENSG0000(LKAAEAR1	protein_co chr20	64083380	64084359	-	0	0
ENSG0000(RGS19	protein_co chr20	64073181	64079988	-	5.08	5.36
ENSG0000(TCEA2	protein_co chr20	64049836	64072347	+	33.52	31.1
ENSG0000(DEFB4A	protein_co chr8	7894629	7896711	+	0	0
ENSG0000(ANO5	protein_co chr11	22193176	22283357	+	0	0
ENSG0000(HDAC3	protein_co chr5	1.42E+08	1.42E+08	-	27.74	30.61
ENSG0000(SPATA46	protein_co chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(GPHN	protein_co chr14	66507407	67181803	+	9.16	6.94
ENSG0000(VAT1L	protein_co chr16	77788530	77980107	+	0.42	0.34

ENSG0000(TMEM51	protein_co chr1	15152532	15220480	+	1.34	1.47
ENSG0000(CAMTA1	protein_co chr1	6785324	7769706	+	30.32	28.19
ENSG0000(LGALS4	protein_co chr19	38801671	38813364	-	0.85	1.02
ENSG0000(LRRC34	protein_co chr3	1.7E+08	1.7E+08	-	0.51	1.15
ENSG0000(PAH	protein_co chr12	1.03E+08	1.03E+08	-	0	0
ENSG0000(SPATA5L1	protein_co chr15	45402331	45421419	+	3.35	2.89
ENSG0000(GATM	protein_co chr15	45361124	45402327	-	0.07	0
ENSG0000(SYCE1	protein_co chr10	1.34E+08	1.34E+08	-	7.22	7.81
ENSG0000(NXNL1	protein_co chr19	17455425	17460954	-	0	0
ENSG0000(RASGRP4	protein_co chr19	38409051	38426305	-	0.02	0.03
ENSG0000(NHLH1	protein_co chr1	1.6E+08	1.6E+08	+	0.09	0.07
ENSG0000(SLFNL1	protein_co chr1	41015597	41023237	-	0.06	0.1
ENSG0000(BCL2	protein_co chr18	63123346	63320128	-	0.19	0.18
ENSG0000(RHNO1	protein_co chr12	2876258	2889523	+	9.96	12.35
ENSG0000(CTPS1	protein_co chr1	40979335	41012565	+	7.5	6.62
ENSG0000(UTF1	protein_co chr10	1.33E+08	1.33E+08	+	0	0
ENSG0000(KNDC1	protein_co chr10	1.33E+08	1.33E+08	+	1.75	1.4
ENSG0000(WDR87	protein_co chr19	37884823	37906677	-	0.01	0
ENSG0000(METTL18	protein_co chr1	1.7E+08	1.7E+08	-	3.08	2.58
ENSG0000(CFAP46	protein_co chr10	1.33E+08	1.33E+08	-	0.32	0.47
ENSG0000(COL8A2	protein_co chr1	36095236	36125220	-	4.81	4.7
ENSG0000(PWWP2B	protein_co chr10	1.32E+08	1.32E+08	+	2.02	2.33
ENSG0000(PCDHB1	protein_co chr5	1.41E+08	1.41E+08	+	0.06	0.02
ENSG0000(ZNF540	protein_co chr19	37551406	37614097	+	0.58	0.77
ENSG0000(ANGPTL7	protein_co chr1	11189341	11195981	+	0.42	0.73
ENSG0000(FBXL14	protein_co chr12	1565993	1594165	-	4.28	4.6
ENSG0000(EXOSC10	protein_co chr1	11066618	11099881	-	18.94	21.13
ENSG0000(ZNF570	protein_co chr19	37467585	37488652	+	2.41	1.96
ENSG0000(NINJ2	protein_co chr12	564296	663779	-	2.43	2.38
ENSG0000(MLLT3	protein_co chr9	20341665	20622543	-	7.61	5.69
ENSG0000(FAM90A1	protein_co chr12	8221260	8227618	-	0	0
ENSG0000(RRM2	protein_co chr2	10122328	10131419	+	0.4	0.06
ENSG0000(TRAPPC12	protein_co chr2	3379675	3485094	+	19.12	21.56
ENSG0000(IFNB1	protein_co chr9	21077105	21077963	-	0	0
ENSG0000(RPS21	protein_co chr20	62387116	62388520	+	690.01	683
ENSG0000(C3AR1	protein_co chr12	8058302	8066471	-	0.43	1.01
ENSG0000(MRM3	protein_co chr17	782273	792509	+	7.04	4.89
ENSG0000(PTEN	protein_co chr10	87863113	87971930	+	50.18	45.32
ENSG0000(RPS7	protein_co chr2	3575205	3580919	+	545.72	578.09
ENSG0000(PRND	protein_co chr20	4721910	4728460	+	0.01	0.02
ENSG0000(RNASEH1	protein_co chr2	3544793	3558616	-	9.86	11.07
ENSG0000(PRNP	protein_co chr20	4686236	4701590	+	172.67	162.8
ENSG0000(KLF17	protein_co chr1	44118850	44135140	+	0.29	0.02
ENSG0000(ADRA1D	protein_co chr20	4220631	4249074	-	0	0
ENSG0000(FRMD5	protein_co chr15	43870761	44195252	-	7.78	6.03

ENSG0000(AQP4	protein_co chr18	26852038	26865818	-	0	0
ENSG0000(MIR31HG	sense_ovei chr9	21455642	21559669	-	5.42	7.98
ENSG0000(CYP4F11	protein_co chr19	15912367	15934867	-	0	0
ENSG0000(TLN2	protein_co chr15	62390526	62844631	+	5.59	6.23
ENSG0000(LGALS9C	protein_co chr17	18476737	18494945	+	0	0
ENSG0000(TVP23B	protein_co chr17	18780995	18806714	+	21.65	23.05
ENSG0000(FBXW10	protein_co chr17	18744024	18779349	+	0	0
ENSG0000(OR10H3	protein_co chr19	15741393	15742343	+	0	0
ENSG0000(ZNF217	protein_co chr20	53567065	53609907	-	8.31	7.42
ENSG0000(OR10H2	protein_co chr19	15728020	15729060	+	0	0
ENSG0000(SRGAP2C	protein_co chr1	1.21E+08	1.21E+08	+	8.61	13.41
ENSG0000(OR52A5	protein_co chr11	5131692	5132642	-	0	0
ENSG0000(SCG2	protein_co chr2	2.24E+08	2.24E+08	-	3.54	4.09
ENSG0000(ATPAF2	protein_co chr17	17977409	18039209	-	8.7	11.72
ENSG0000(CYP4F22	protein_co chr19	15508493	15552317	+	0	0
ENSG0000(FOXB1	protein_co chr15	60004222	60061730	+	0	0
ENSG0000(PPIH	protein_co chr1	42658425	42676758	+	15.23	17.77
ENSG0000(DRC3	protein_co chr17	17972813	18016889	+	1.29	0.62
ENSG0000(ZNF57	protein_co chr19	2900898	2918476	+	1.4	1.07
ENSG0000(C20orf196	protein_co chr20	5750393	5863912	+	2.04	2.2
ENSG0000(C11orf40	protein_co chr11	4571423	4577820	-	0	0
ENSG0000(JMJD1C	protein_co chr10	63167221	63521850	-	17.03	17
ENSG0000(LDHAL6B	protein_co chr15	59206823	59208515	+	0	0
ENSG0000(SYNPO	protein_co chr5	1.51E+08	1.51E+08	+	36.62	37.15
ENSG0000(OR52P2P	unitary_ps chr11	4431323	4432277	-	0	0
ENSG0000(ZNF556	protein_co chr19	2867335	2883445	+	0.11	0.08
ENSG0000(MAL	protein_co chr2	95025677	95053996	+	0	0
ENSG0000(ZNF554	protein_co chr19	2819874	2835773	+	1.46	1.2
ENSG0000(RAB33B	protein_co chr4	1.39E+08	1.39E+08	+	2.77	2.97
ENSG0000(THOP1	protein_co chr19	2785460	2815807	+	14.61	15.3
ENSG0000(ANKRD20A	protein_co chr9	64369394	64413142	+	0	0.08
ENSG0000(REG3A	protein_co chr2	79157003	79159753	-	0	0
ENSG0000(GAP43	protein_co chr3	1.16E+08	1.16E+08	+	2.21	3.54
ENSG0000(REG1B	protein_co chr2	79085030	79088019	-	0	0
ENSG0000(EPHX4	protein_co chr1	92029982	92063536	+	0.12	0.04
ENSG0000(LAMB2	protein_co chr3	49121114	49133118	-	299.67	298.95
ENSG0000(USP19	protein_co chr3	49108046	49120938	-	14.27	15.47
ENSG0000(QARS	protein_co chr3	49095932	49105135	-	138.91	126.25
ENSG0000(ORMDL3	protein_co chr17	39921041	39927601	-	31.12	33.57
ENSG0000(SERF1A	protein_co chr5	70900665	70918530	+	1.2	0
ENSG0000(KLF11	protein_co chr2	10042849	10054836	+	6.82	6.04
ENSG0000(LRRC15	protein_co chr3	1.94E+08	1.94E+08	-	0.72	0.75
ENSG0000(SMN1	protein_co chr5	70925030	70953942	+	8.26	8.78
ENSG0000(EIF2AK3	protein_co chr2	88556741	88627576	-	12.13	9.48
ENSG0000(TEX37	protein_co chr2	88524651	88529584	+	0	0

ENSG0000(MOB3A	protein_co chr19	2071038	2096673	-	12.46	12.51
ENSG0000(KRCC1	protein_co chr2	88027205	88055729	-	14.16	14.8
ENSG0000(NME6	protein_co chr3	48293264	48301685	-	13.61	12.75
ENSG0000(CYCS	protein_co chr7	25120091	25125361	-	17.08	18.38
ENSG0000(CD8B	protein_co chr2	86815339	86861924	-	0	0
ENSG0000(SLFN12	protein_co chr17	35411060	35433283	-	7.07	7.32
ENSG0000(CALB2	protein_co chr16	71358713	71390438	+	9.87	7.35
ENSG0000(SLC9C1	protein_co chr3	1.12E+08	1.12E+08	-	0.04	0.06
ENSG0000(OR1A1	protein_co chr17	3215621	3216550	+	0	0
ENSG0000(OR7A2P	unprocessε chr19	14863786	14864715	-	0	0
ENSG0000(OR1A2	protein_co chr17	3197519	3198448	+	0	0
ENSG0000(OR8I2	protein_co chr11	56093308	56094240	+	0	0
ENSG0000(LCE1D	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(CCL11	protein_co chr17	34285668	34288334	+	40.34	35.92
ENSG0000(FRMD3	protein_co chr9	83242990	83538546	-	2.46	3.22
ENSG0000(SNTB1	protein_co chr8	1.21E+08	1.21E+08	-	3.41	3.82
ENSG0000(MTBP	protein_co chr8	1.2E+08	1.21E+08	+	1.03	0.66
ENSG0000(TEFM	protein_co chr17	30897336	30906820	-	4.67	4.73
ENSG0000(MRPL13	protein_co chr8	1.2E+08	1.2E+08	-	19.84	18.74
ENSG0000(MALT1	protein_co chr18	58671386	58754477	+	4.83	5.96
ENSG0000(PRL	protein_co chr6	22287244	22297501	-	0.09	0
ENSG0000(ISG20	protein_co chr15	88636153	88656483	+	2.86	3.31
ENSG0000(HMGN1P3	processed_ chrX	69174124	69174717	+	0.12	0.26
ENSG0000(OR4C11	protein_co chr11	55603354	55604398	-	0	0
ENSG0000(MBOAT1	protein_co chr6	20102145	20212399	-	0.47	0.62
ENSG0000(OR8U1	protein_co chr11	56375624	56376553	+	0	0
ENSG0000(ID4	protein_co chr6	19837386	19840684	+	1.69	1.21
ENSG0000(OR4X2	polymorph chr11	48245056	48246080	+	0	0
ENSG0000(GPR22	protein_co chr7	1.07E+08	1.07E+08	+	0	0
ENSG0000(CXCR6	protein_co chr3	45940933	45948353	+	0	0
ENSG0000(CEBPB	protein_co chr20	50190734	50192689	+	31.74	32.09
ENSG0000(AZU1	protein_co chr19	825097	832018	+	0.1	0.15
ENSG0000(TPSAB1	protein_co chr16	1240696	1242554	+	0	0
ENSG0000(ATOH1	protein_co chr4	93828753	93830964	+	0	0
ENSG0000(PAIP1	protein_co chr5	43526267	43557758	-	53.14	50.81
ENSG0000(CLEC7A	protein_co chr12	10116777	10130258	-	0.09	0.15
ENSG0000(C5orf34	protein_co chr5	43486701	43515145	-	0.85	0.5
ENSG0000(C1QTNF4	protein_co chr11	47589664	47594659	-	0.13	0
ENSG0000(SERHL	processed_ chr22	42500579	42512560	+	0.07	0
ENSG0000(NEGR1	protein_co chr1	71395940	72282734	-	4.15	4.04
ENSG0000(ZNF131	protein_co chr5	43065176	43192021	+	12.51	13.24
ENSG0000(MACROD2	protein_co chr20	13995369	16053197	+	0	0
ENSG0000(DPAGT1	protein_co chr11	1.19E+08	1.19E+08	-	18.76	19.72
ENSG0000(BSG	protein_co chr19	571277	583493	+	375.69	383.5
ENSG0000(HINFP	protein_co chr11	1.19E+08	1.19E+08	+	6.66	10.47

ENSG00000181440	PRYP4	unprocessed protein	chrY	25975549	25988069	+	0	0
ENSG00000181441	CDY1	protein	chrY	25622162	25624902	+	0	0
ENSG00000181442	OR10V1	protein	chr11	59712823	59713864	-	0	0
ENSG00000181443	CERS6	protein	chr2	1.68E+08	1.69E+08	+	2.19	2.34
ENSG00000181444	CSPG4P4Y	unprocessed protein	chrY	25478269	25483630	+	0	0
ENSG00000181445	SPTLC3	protein	chr20	13008979	13169103	+	4.74	4.4
ENSG00000181446	GOLGA2P3	unprocessed protein	chrY	25454561	25460572	+	0	0
ENSG00000181447	COPRS	protein	chr17	31851864	31859337	-	56.45	59.7
ENSG00000181448	TP53RK	protein	chr20	46684365	46689779	-	5.84	6.14
ENSG00000181449	B3GALT1	protein	chr2	1.68E+08	1.68E+08	+	0.22	0.27
ENSG00000181450	OR5A1	protein	chr11	59443144	59444194	+	0	0
ENSG00000181451	CLEC12A	protein	chr12	9951316	9995694	+	0.47	0.66
ENSG00000181452	OR5A2	protein	chr11	59421943	59422976	-	0	0
ENSG00000181453	BPGM	protein	chr7	1.35E+08	1.35E+08	+	11.09	14.27
ENSG00000181454	POP7	protein	chr7	1.01E+08	1.01E+08	+	11.01	12.63
ENSG00000181455	ALG14	protein	chr1	94974407	95072945	-	2.08	2.89
ENSG00000181456	SUCLG2	protein	chr3	67360460	67654614	-	13.81	13.61
ENSG00000181457	CSPG4P3Y	unprocessed protein	chrY	24186509	24191870	-	0	0
ENSG00000181458	STARD5	protein	chr15	81309053	81324183	-	26.2	29.64
ENSG00000181459	CSDC2	protein	chr22	41560763	41577741	+	5.94	7.48
ENSG00000181460	RCAN2	protein	chr6	46220736	46491972	-	0.02	0.17
ENSG00000181461	IL16	protein	chr15	81159575	81314058	+	1.03	1.51
ENSG00000181462	ABCG4	protein	chr11	1.19E+08	1.19E+08	+	0.44	0.3
ENSG00000181463	CDY1B	protein	chrY	24045229	24048019	-	0	0
ENSG00000181464	GNB2	protein	chr7	1.01E+08	1.01E+08	+	120.84	122.66
ENSG00000181465	CFAP53	protein	chr18	50227193	50266522	-	0.18	0.53
ENSG00000181466	OR5B12	protein	chr11	58439120	58440173	-	0	0
ENSG00000181467	OR5B2	protein	chr11	58422265	58423313	-	0	0
ENSG00000181468	MCRIP2	protein	chr16	636817	648474	+	9.79	9.67
ENSG00000181469	PDZD3	protein	chr11	1.19E+08	1.19E+08	+	0	0
ENSG00000181470	C2CD2L	protein	chr11	1.19E+08	1.19E+08	+	4.11	3.22
ENSG00000181471	OR9I1	protein	chr11	58118500	58119444	-	0	0
ENSG00000181472	ARNT2	protein	chr15	80404350	80597937	+	7.48	6.72
ENSG00000181473	GNG12	protein	chr1	67701466	67833467	-	41.51	44.41
ENSG00000181474	PRSS27	protein	chr16	2712418	2720551	-	1.1	0.72
ENSG00000181475	MYOZ2	protein	chr4	1.19E+08	1.19E+08	+	0.5	0.23
ENSG00000181476	SYNPO2	protein	chr4	1.19E+08	1.19E+08	+	2.57	3.03
ENSG00000181477	DNAJB7	protein	chr22	40859549	40862126	-	0	0
ENSG00000181478	CLP1	protein	chr11	57648992	57661868	+	6.22	6.22
ENSG00000181479	INSL5	protein	chr1	66797741	66801256	-	0	0
ENSG00000181480	EFCAB3	protein	chr17	62343941	62416479	+	0.82	0.68
ENSG00000181481	TTC36	protein	chr11	1.19E+08	1.19E+08	+	0	0
ENSG00000181482	RSPH9	protein	chr6	43645046	43672599	+	0	0.05
ENSG00000181483	COPS9	protein	chr2	2.4E+08	2.4E+08	-	52.58	59.03
ENSG00000181484	GTPBP2	protein	chr6	43605316	43629162	-	27.77	28.26

ENSG0000(FGGY	protein_co chr1	59296638	59810647	+	6.44	7.04
ENSG0000(OR9G4	protein_co chr11	56742827	56743811	-	0	0
ENSG0000(IL17D	protein_co chr13	20702127	20723098	+	1.32	1.54
ENSG0000(OR5AR1	polymorph chr11	56663662	56664687	+	0	0
ENSG0000(PRSS30P	processed_chr16	2839568	2842744	-	0.63	0.54
ENSG0000(FUT9	protein_co chr6	96015984	96215612	+	0	0
ENSG0000(OR5AP2	protein_co chr11	56641466	56642471	-	0	0
ENSG0000(TCEAL1	protein_co chrX	1.04E+08	1.04E+08	+	11.91	10.78
ENSG0000(ZNF24	protein_co chr18	35332212	35345482	-	7.37	7.06
ENSG0000(HSFY1	protein_co chrY	18546671	18588963	+	0	0
ENSG0000(MANEA	protein_co chr6	95577543	95609457	+	5.63	3.56
ENSG0000(RAB40A	protein_co chrX	1.03E+08	1.04E+08	-	0.23	0.24
ENSG0000(C2orf54	protein_co chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(AGXT	protein_co chr2	2.41E+08	2.41E+08	+	0	0.13
ENSG0000(OR8J1	protein_co chr11	56360215	56361288	+	0	0
ENSG0000(OR5T3	protein_co chr11	56252200	56253222	+	0	0
ENSG0000(AFF1	protein_co chr4	86935002	87141054	+	12.44	13.1
ENSG0000(ACOT12	protein_co chr5	81330005	81394179	-	0	0
ENSG0000(FIBP	protein_co chr11	65883741	65888539	-	34.24	38.72
ENSG0000(CARNS1	protein_co chr11	67414968	67425607	+	0.03	0.05
ENSG0000(OR10H5	protein_co chr19	15793951	15795082	+	0	0
ENSG0000(BANP	protein_co chr16	87949244	88077318	+	7.46	6.24
ENSG0000(PPP1CA	protein_co chr11	67398183	67421183	-	58.46	55.82
ENSG0000(HCFC1	protein_co chrX	1.54E+08	1.54E+08	-	7.03	7.71
ENSG0000(FAM170B	protein_co chr10	49131154	49134008	-	0	0
ENSG0000(CTSW	protein_co chr11	65879809	65883741	+	0	0.36
ENSG0000(NIPAL4	protein_co chr5	1.57E+08	1.57E+08	+	0.05	0.02
ENSG0000(MUCL1	protein_co chr12	54830519	54858393	+	0	0
ENSG0000(SNTG2	protein_co chr2	950868	1367613	+	0	0
ENSG0000(FNDC9	protein_co chr5	1.57E+08	1.57E+08	-	0	0.06
ENSG0000(PDE3A	protein_co chr12	20369245	20684381	+	1.33	1.88
ENSG0000(RASGRP1	protein_co chr15	38488103	38565575	-	0	0
ENSG0000(KLHL6	protein_co chr3	1.83E+08	1.84E+08	-	0.18	0.16
ENSG0000(CHCHD1	protein_co chr10	73782047	73783652	+	14.11	16.44
ENSG0000(MRPL52	protein_co chr14	22829879	22835037	+	43.64	43.82
ENSG0000(SMPDL3A	protein_co chr6	1.23E+08	1.23E+08	+	22.86	21.43
ENSG0000(RND1	protein_co chr12	48857145	48865898	-	0.37	0.41
ENSG0000(RAD9A	protein_co chr11	67317871	67398410	+	9.64	8.46
ENSG0000(EFEMP2	protein_co chr11	65866441	65873592	-	232.8	232.84
ENSG0000(OR10AD1	protein_co chr12	48202083	48203387	-	0	0
ENSG0000(AGAP5	protein_co chr10	73674285	73698159	-	1.95	2.85
ENSG0000(WASHC2C	protein_co chr10	45727200	45792961	+	26.01	22.9
ENSG0000(TMEM134	protein_co chr11	67461710	67469272	-	32.21	29.48
ENSG0000(ZMAT3	protein_co chr3	1.79E+08	1.79E+08	-	22.46	23.82
ENSG0000(ZFAND4	protein_co chr10	45615501	45672780	-	1.58	3.73

ENSG00000108000	THEMIS	protein_co chr6	1.28E+08	1.28E+08	-	0	0
ENSG00000108000	MOS	protein_co chr8	56112942	56113982	-	0	0
ENSG00000108000	ZNF738	protein_co chr19	21358930	21379302	+	2.63	3.15
ENSG00000108000	MS4A10	protein_co chr11	60785348	60801305	+	0.04	0.13
ENSG00000108000	SLFN11	protein_co chr17	35350305	35373701	-	13.78	15.91
ENSG00000108000	FAM71D	protein_co chr14	67189393	67228550	+	0.18	0.15
ENSG00000108000	CCL19	protein_co chr9	34689567	34691277	-	0.1	0
ENSG00000108000	CORO1B	protein_co chr11	67435510	67443821	-	47.91	49.2
ENSG00000108000	FUT10	protein_co chr8	33370824	33473422	-	4.26	5.83
ENSG00000108000	LRRC20	protein_co chr10	70298970	70382650	-	5.7	8.61
ENSG00000108000	MUS81	protein_co chr11	65857126	65867653	+	14.73	13.2
ENSG00000108000	PURG	protein_co chr8	30995802	31033715	-	0	0.04
ENSG00000108000	TMEM217	protein_co chr6	37212180	37258155	-	6.46	5.66
ENSG00000108000	OR4D9	protein_co chr11	59514913	59515857	+	0	0
ENSG00000108000	RPL12P13	unprocessed chr1	26980165	26980975	+	0	0
ENSG00000108000	ZNF596	protein_co chr8	232137	264703	+	3.43	3.67
ENSG00000108000	COL6A5	protein_co chr3	1.3E+08	1.3E+08	+	0	0
ENSG00000108000	CFL1	protein_co chr11	65823022	65862026	-	546.37	546.49
ENSG00000108000	TMCC1	protein_co chr3	1.3E+08	1.3E+08	-	5.85	10.74
ENSG00000108000	NAA16	protein_co chr13	41311205	41377030	+	2.21	2.86
ENSG00000108000	OR5B3	protein_co chr11	58402464	58403409	-	0	0
ENSG00000108000	EFCAB12	protein_co chr3	1.29E+08	1.29E+08	-	0.48	0.27
ENSG00000108000	OR10W1	protein_co chr11	58266792	58268260	-	0	0
ENSG00000108000	FAM192A	protein_co chr16	57152466	57186116	-	33.17	38.94
ENSG00000108000	RAB43	protein_co chr3	1.29E+08	1.29E+08	-	5.83	7.63
ENSG00000108000	FADS6	protein_co chr17	74877299	74893781	-	0	0
ENSG00000108000	CBWD1	protein_co chr9	121038	179147	-	20.83	20.13
ENSG00000108000	HOXC5	protein_co chr12	54032853	54035358	+	0	0.03
ENSG00000108000	RAB37	protein_co chr17	74670578	74747335	+	0.06	0
ENSG00000108000	DCP2	protein_co chr5	1.13E+08	1.13E+08	+	4.49	3.86
ENSG00000108000	ZBTB80SP2	processed_ chr2	2.31E+08	2.31E+08	-	0	0
ENSG00000108000	SNX32	protein_co chr11	65833641	65856896	+	1.73	2.62
ENSG00000108000	RPL38	protein_co chr17	74203582	74210655	+	647.64	644.75
ENSG00000108000	CYP7B1	protein_co chr8	64587763	64798761	-	0	0
ENSG00000108000	OVOL1	protein_co chr11	65787022	65797219	+	0	0
ENSG00000108000	RARG	protein_co chr12	53210567	53232980	-	23.43	24.96
ENSG00000108000	CES4A	protein_co chr16	66988589	67009758	+	2.78	3.07
ENSG00000108000	CES3	protein_co chr16	66961237	66975148	+	0.15	0.24
ENSG00000108000	SSH3	protein_co chr11	67303448	67312607	+	13.64	15.65
ENSG00000108000	CES2	protein_co chr16	66934444	66945096	+	19.09	17.96
ENSG00000108000	PDP2	protein_co chr16	66878589	66895754	+	3.37	2.9
ENSG00000108000	SP3	protein_co chr2	1.74E+08	1.74E+08	-	28.24	30.84
ENSG00000108000	KRT2	protein_co chr12	52644558	52652164	-	0	0
ENSG00000108000	DMXL1	protein_co chr5	1.19E+08	1.19E+08	+	7.53	6.93
ENSG00000108000	METAP1D	protein_co chr2	1.72E+08	1.72E+08	+	3.3	3.48

ENSG0000(ZNF621	protein_co chr3	40524878	40574685	+	8.53	9.57
ENSG0000(EGFL7	protein_co chr9	1.37E+08	1.37E+08	+	41	36.07
ENSG0000(NADSYN1	protein_co chr11	71453109	71524107	+	39.7	39.59
ENSG0000(DHCR7	protein_co chr11	71428193	71452868	-	35.02	30.52
ENSG0000(FLJ42102	transcribed chr11	71382601	71423423	-	0.47	0.41
ENSG0000(LVRN	protein_co chr5	1.16E+08	1.16E+08	+	0.02	0.08
ENSG0000(COX6B1P3	processed_chr22	40569286	40569895	+	0	0
ENSG0000(NBEA	protein_co chr13	34942287	35673022	+	0.96	0.54
ENSG0000(RNASEH2C	protein_co chr11	65714896	65720947	-	28.38	23.4
ENSG0000(MYEOV	protein_co chr11	69294138	69367726	+	0.36	0
ENSG0000(ANKRD13D	protein_co chr11	67288547	67302485	+	13.71	11.81
ENSG0000(MRGPRF	protein_co chr11	69004395	69013409	-	21.41	21.63
ENSG0000(MYD88	protein_co chr3	38138478	38143022	+	14	15.18
ENSG0000(MRGPRD	protein_co chr11	68980021	68980986	-	0	0
ENSG0000(OXSR1	protein_co chr3	38165089	38255488	+	10.16	10.07
ENSG0000(SLC22A13	protein_co chr3	38265812	38278315	+	0.09	0.02
ENSG0000(PHF8	protein_co chrX	53936676	54048958	-	4.93	4.58
ENSG0000(LCLAT1	protein_co chr2	30447226	30644225	+	4.15	3
ENSG0000(ADH6	protein_co chr4	99202638	99219537	-	0.02	0.1
ENSG0000(MIR4435-2	lincRNA chr2	1.11E+08	1.11E+08	-	47.09	45.17
ENSG0000(XKR3	protein_co chr22	16783412	16821699	-	0	0
ENSG0000(FRG2C	protein_co chr3	75664330	75667220	+	0.02	0
ENSG0000(UNC93B3	unprocessed chr3	75619506	75623849	-	0	0
ENSG0000(AC007318.	processed_chr2	65205108	65205988	+	0	0
ENSG0000(KAT5	protein_co chr11	65711996	65719604	+	19.13	24.88
ENSG0000(SH3RF3	protein_co chr2	1.09E+08	1.1E+08	+	0.75	1.13
ENSG0000(GXYLT2	protein_co chr3	72888073	72998138	+	24.01	29.88
ENSG0000(HPSE2	protein_co chr10	98457077	99235862	-	0	0
ENSG0000(DCAKD	protein_co chr17	45023340	45061109	-	9.55	13.44
ENSG0000(ARPP21	protein_co chr3	35638945	35794496	+	0.31	0.11
ENSG0000(TADA2B	protein_co chr4	7041899	7057952	+	5.54	4.7
ENSG0000(CCDC96	protein_co chr4	7040849	7042939	-	0.98	0.91
ENSG0000(GRK2	protein_co chr11	67266410	67286556	+	12.12	13.49
ENSG0000(RELA	protein_co chr11	65653596	65663094	-	35.4	28.31
ENSG0000(EVC2	protein_co chr4	5542772	5709548	-	4.49	5.78
ENSG0000(ZNF680	protein_co chr7	64519884	64563106	-	1.35	1.48
ENSG0000(HECTD4	protein_co chr12	1.12E+08	1.12E+08	-	6.35	7.42
ENSG0000(FAM222B	protein_co chr17	28755978	28855232	-	6.07	6.33
ENSG0000(BNC2	protein_co chr9	16409503	16870843	-	23.85	23.95
ENSG0000(1-Dec	protein_co chr9	1.15E+08	1.15E+08	+	0.1	0
ENSG0000(RXFP4	protein_co chr1	1.56E+08	1.56E+08	+	0	0
ENSG0000(HPSE	protein_co chr4	83292461	83335153	-	4.73	4.67
ENSG0000(COQ2	protein_co chr4	83261536	83284914	-	5.93	5.14
ENSG0000(CCDC63	protein_co chr12	1.11E+08	1.11E+08	+	0	0
ENSG0000(HSPA6	protein_co chr1	1.62E+08	1.62E+08	+	0	0

ENSG00000171112	protein_co chr11	64316460	64318084	-	58.73	61.24
ENSG00000171113	protein_co chr7	1.11E+08	1.11E+08	+	1.44	1.36
ENSG00000171114	protein_co chr11	67119269	67258087	+	23.92	23.09
ENSG00000171115	protein_co chr10	95194200	95228928	+	0	0
ENSG00000171116	protein_co chr8	1.44E+08	1.44E+08	+	3.77	4.14
ENSG00000171117	protein_co chr13	21176645	21179084	+	7.05	8.97
ENSG00000171118	protein_co chr10	94333226	94362959	-	3.57	4.63
ENSG00000171119	protein_co chr11	64305572	64316743	+	14.55	14.91
ENSG00000171120	protein_co chr11	67056818	67072013	+	7.87	10
ENSG00000171121	protein_co chr12	43353866	43551921	-	0	0
ENSG00000171122	protein_co chr2	61888724	62147247	+	23.02	22.13
ENSG00000171123	protein_co chr2	2.03E+08	2.04E+08	-	10.85	11.36
ENSG00000171124	protein_co chr1	1.55E+08	1.55E+08	+	19.95	17.71
ENSG00000171125	protein_co chr3	1.23E+08	1.23E+08	-	0.38	0.23
ENSG00000171126	protein_co chr3	1.23E+08	1.23E+08	+	8.74	7.3
ENSG00000171127	protein_co chrX	78271464	78327691	-	1.19	1.47
ENSG00000171128	protein_co chr3	1.23E+08	1.23E+08	+	1.08	1.38
ENSG00000171129	protein_co chr1	1.55E+08	1.55E+08	+	14.57	15
ENSG00000171130	protein_co chr12	39550033	39619751	-	0	0
ENSG00000171131	protein_co chr2	61177418	61191203	+	27.69	33.66
ENSG00000171132	protein_co chr5	1.49E+08	1.49E+08	+	21.23	23.11
ENSG00000171133	protein_co chr1	1.16E+08	1.16E+08	+	0.44	0.38
ENSG00000171134	transcribed chr18	47390	49557	-	0	0
ENSG00000171135	protein_co chr6	1.11E+08	1.11E+08	+	0.81	1.01
ENSG00000171136	protein_co chr1	1.16E+08	1.16E+08	+	6.01	5.64
ENSG00000171137	protein_co chr5	95751319	95823005	-	46.43	42.99
ENSG00000171138	protein_co chr3	1.22E+08	1.22E+08	-	4.97	4.28
ENSG00000171139	protein_co chr11	67006778	67050863	+	1.25	0.6
ENSG00000171140	protein_co chr3	1.22E+08	1.22E+08	-	20.11	20.05
ENSG00000171141	processed_chr21	13776086	13777266	+	0	0
ENSG00000171142	protein_co chr11	66975277	66977004	+	0.05	0
ENSG00000171143	protein_co chr10	88802730	88820546	+	3.77	4.21
ENSG00000171144	protein_co chr5	1.47E+08	1.47E+08	-	0	0
ENSG00000171145	protein_co chr9	1049858	1057552	+	0	0
ENSG00000171146	protein_co chr9	1.12E+08	1.12E+08	+	0.2	0.03
ENSG00000171147	protein_co chr5	1.46E+08	1.46E+08	-	0.11	0
ENSG00000171148	protein_co chr12	7812512	7891148	-	0.62	0.53
ENSG00000171149	protein_co chr11	64270062	64289500	+	27.84	28.16
ENSG00000171150	protein_co chr10	86958618	86963260	+	0.71	1.1
ENSG00000171151	protein_co chr10	86935540	86969481	-	1.47	1.73
ENSG00000171152	protein_co chr2	1.31E+08	1.31E+08	-	51.91	45.81
ENSG00000171153	protein_co chr8	9555914	9782346	+	8.45	8.71
ENSG00000171154	protein_co chrX	1.35E+08	1.35E+08	+	4	3.9
ENSG00000171155	protein_co chr21	41986831	42010387	-	1.44	2.59
ENSG00000171156	protein_co chr8	9136255	9151574	-	8.45	8.82

ENSG0000(OR10K1	protein_co chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(FAM86B3P	transcribec chr8	8228595	8244865 +	2.27	2.25
ENSG0000(GPR148	protein_co chr2	1.31E+08	1.31E+08 +	0	0
ENSG0000(STOX2	protein_co chr4	1.84E+08	1.84E+08 +	0.11	0.53
ENSG0000(MAP3K11	protein_co chr11	65597755	65615382 -	13.96	14.01
ENSG0000(TRIB1	protein_co chr8	1.25E+08	1.25E+08 +	3.59	2.67
ENSG0000(CST9	protein_co chr20	23602410	23605876 -	0	0
ENSG0000(KCNK7	protein_co chr11	65592855	65595996 -	0	0.1
ENSG0000(SFT2D3	protein_co chr2	1.28E+08	1.28E+08 +	2.3	2.79
ENSG0000(AC007967.	transcribec chrY	8906224	8916073 +	0	0
ENSG0000(RP11-330H	protein_co chr3	52221081	52231190 -	0.06	0.19
ENSG0000(C1QB	protein_co chr1	22652762	22661538 +	0	0
ENSG0000(C1QA	protein_co chr1	22636506	22639608 +	0	0
ENSG0000(NDNF	protein_co chr4	1.21E+08	1.21E+08 -	0.07	0
ENSG0000(IQCF1	protein_co chr3	51894876	51903335 -	0	0
ENSG0000(OLR1	protein_co chr12	10158301	10172138 -	0	0
ENSG0000(GLIPR1L1	protein_co chr12	75334639	75370560 +	0	0
ENSG0000(DAG1	protein_co chr3	49468703	49535618 +	52.34	53.5
ENSG0000(INSM1	protein_co chr20	20368121	20370949 +	0	0
ENSG0000(DAB1	protein_co chr1	56994778	58546734 -	0.11	0.1
ENSG0000(ARV1	protein_co chr1	2.31E+08	2.31E+08 +	10.72	10.09
ENSG0000(NAA20	protein_co chr20	20017116	20033655 +	21.52	20.91
ENSG0000(CCDC36	protein_co chr3	49198428	49258104 +	0.29	0.16
ENSG0000(RNASE8	protein_co chr14	21057822	21058455 +	0	0
ENSG0000(SAA1	protein_co chr11	18266174	18269977 +	3.53	4.94
ENSG0000(MINOS1	protein_co chr1	19596977	19629821 +	54.41	56.85
ENSG0000(EHBP1L1	protein_co chr11	65576038	65592650 +	23.36	19.02
ENSG0000(THAP2	protein_co chr12	71663009	71680639 +	1.28	0.87
ENSG0000(TMEM196	protein_co chr7	19719310	19773598 -	0	0
ENSG0000(RNF26	protein_co chr11	1.19E+08	1.19E+08 +	14.66	14.09
ENSG0000(PPP1R14B	protein_co chr11	64244480	64246941 -	94.47	87.4
ENSG0000(RNASE11	protein_co chr14	20583559	20609884 -	0	0
ENSG0000(SSSCA1	protein_co chr11	65570430	65573942 +	23.02	21.42
ENSG0000(AGR3	protein_co chr7	16859405	16881987 -	0	0
ENSG0000(SMARCC1	protein_co chr3	47585272	47782106 -	14.49	16.1
ENSG0000(ZNF417	protein_co chr19	57900296	57916610 -	3.47	3.22
ENSG0000(PTPRM	protein_co chr18	7566782	8406861 +	15.74	17.39
ENSG0000(FKBP2	protein_co chr11	64241003	64244132 +	58.74	58.64
ENSG0000(VEGFB	protein_co chr11	64234538	64238793 +	96.98	96.08
ENSG0000(PEAK1	protein_co chr15	77100656	77420144 -	27.99	23.21
ENSG0000(TNFRSF10E	protein_co chr8	23135588	23164030 -	21.71	20.65
ENSG0000(MST1	protein_co chr3	49683947	49689501 -	8.61	10.94
ENSG0000(TNFRSF10C	protein_co chr8	23084355	23117437 +	4.91	4.92
ENSG0000(GMPPB	protein_co chr3	49716844	49723951 -	9.79	8.77
ENSG0000(MOB1B	protein_co chr4	70902326	71022449 +	4.66	5.59

ENSG0000(ZNF622	protein_co chr5	16451519	16465792 -	17.48	19.71
ENSG0000(CSPG4	protein_co chr15	75674322	75712848 -	1.5	1.87
ENSG0000(SNX33	protein_co chr15	75647906	75662301 +	24.84	25.76
ENSG0000(C2orf70	protein_co chr2	26562582	26579532 +	0	0
ENSG0000(NABP1	protein_co chr2	1.92E+08	1.92E+08 +	40.39	34.97
ENSG0000(ADGRF3	protein_co chr2	26308173	26346817 -	0	0.07
ENSG0000(NLRP13	protein_co chr19	55891699	55932336 -	0	0
ENSG0000(CHD2	protein_co chr15	92900189	93028005 +	30.8	26.21
ENSG0000(XCR1	protein_co chr3	46017024	46027742 -	0	0.01
ENSG0000(CCDC106	protein_co chr19	55641062	55653161 +	10.4	10.28
ENSG0000(CCR9	protein_co chr3	45886504	45903177 +	0	0
ENSG0000(CEP83	protein_co chr12	94306449	94459988 -	2.21	4.27
ENSG0000(SULT1B1	protein_co chr4	69721162	69787961 -	2.61	2.96
ENSG0000(NUDT4	protein_co chr12	93377883	93408146 +	43.41	45.95
ENSG0000(PC	protein_co chr11	66848233	66958376 -	12.21	13.23
ENSG0000(UGT2A1	protein_co chr4	69588417	69653249 -	0.12	0
ENSG0000(SCAI	protein_co chr9	1.25E+08	1.25E+08 -	1.19	2.06
ENSG0000(GPRC6A	protein_co chr6	1.17E+08	1.17E+08 -	0	0
ENSG0000(NMNAT1	protein_co chr1	9943428	9985501 +	4.09	4.28
ENSG0000(LRFN4	protein_co chr11	66856647	66860475 +	15.28	13.98
ENSG0000(TRAPPC3L	protein_co chr6	1.16E+08	1.17E+08 -	0.12	0.15
ENSG0000(APOBEC4	protein_co chr1	1.84E+08	1.84E+08 -	0	0
ENSG0000(SLC19A1	protein_co chr21	45493572	45544411 -	2.49	2.61
ENSG0000(HSPB7	protein_co chr1	16014028	16019594 -	8.89	10.64
ENSG0000(RCE1	protein_co chr11	66842835	66846546 +	9.89	6.99
ENSG0000(UQCRH	protein_co chr1	46303631	46316776 +	144.5	142.64
ENSG0000(TAS1R1	protein_co chr1	6555181	6579757 +	0.06	0
ENSG0000(HES3	protein_co chr1	6244192	6245578 +	0	0
ENSG0000(EIF1AX	protein_co chrX	20124518	20141844 -	13.44	11.45
ENSG0000(SPDYE2B	protein_co chr7	1.03E+08	1.03E+08 +	0	0
ENSG0000(OR1L1	protein_co chr9	1.23E+08	1.23E+08 +	0	0.22
ENSG0000(CXorf23	protein_co chrX	19912860	19970298 -	2.21	1.93
ENSG0000(PSMD1	protein_co chr2	2.31E+08	2.31E+08 +	27.84	27.71
ENSG0000(ADGRG2	protein_co chrX	18989309	19122637 -	0.04	0.05
ENSG0000(SPATA3	protein_co chr2	2.31E+08	2.31E+08 +	0	0
ENSG0000(MUC13	protein_co chr3	1.25E+08	1.25E+08 -	0.02	0.02
ENSG0000(SUSD5	protein_co chr3	33150042	33219215 -	2.02	2.01
ENSG0000(HEG1	protein_co chr3	1.25E+08	1.25E+08 -	262.11	249.56
ENSG0000(WFIKKN2	protein_co chr17	50834650	50842348 +	0	0.03
ENSG0000(C11orf80	protein_co chr11	66744451	66843328 +	3.57	5.03
ENSG0000(TOMM20	protein_co chr1	2.35E+08	2.35E+08 -	54.49	61.86
ENSG0000(CMB9-22P	transcribec chr11	65455258	65466720 +	18.48	9.46
ENSG0000(C1orf100	protein_co chr1	2.44E+08	2.44E+08 +	0	0
ENSG0000(AGFG1	protein_co chr2	2.27E+08	2.28E+08 +	62.95	53.07
ENSG0000(STAT5B	protein_co chr17	42199168	42276707 -	13.48	17.13

ENSG0000	CD7	protein_co chr17	82314868	82317602	-	4.09	1.85
ENSG0000	TOPAZ1	protein_co chr3	44241886	44332098	+	0	0
ENSG0000	CNP	protein_co chr17	41966741	41977731	+	37.52	39.87
ENSG0000	JUP	protein_co chr17	41754604	41786931	-	22.37	18.82
ENSG0000	HAP1	protein_co chr17	41717742	41734644	-	0.09	0.13
ENSG0000	TDRD12	protein_co chr19	32719753	32829580	+	0	0.16
ENSG0000	PPIAP7	processed_chr1	1.01E+08	1.01E+08	-	0	0
ENSG0000	CCDC13-AS	antisense chr3	42732575	42746768	+	0	0
ENSG0000	EIF1	protein_co chr17	41688885	41692668	+	626.35	625.05
ENSG0000	ENDOV	protein_co chr17	80415165	80438086	+	14.79	14.78
ENSG0000	RNF213	protein_co chr17	80260866	80398786	+	24.68	25.44
ENSG0000	TIGD3	protein_co chr11	65354767	65357613	+	0.19	0.12
ENSG0000	KCNH6	protein_co chr17	63523334	63548977	+	0	0
ENSG0000	10-Mar	protein_co chr17	62701314	62808344	-	0.02	0
ENSG0000	PLK3	protein_co chr1	44800225	44805990	+	12.84	12.77
ENSG0000	NET1	protein_co chr10	5412551	5458463	+	7.32	5.6
ENSG0000	DPY19L1	protein_co chr7	34928876	35038271	-	12.16	13.95
ENSG0000	RP11-89N1	lincRNA chr7	33725981	33728456	+	0	0
ENSG0000	RP11-97O1	processed_chr15	88459717	88511521	-	0	0
ENSG0000	PHOSPHO1	protein_co chr17	49223362	49230766	-	0	0.1
ENSG0000	ZNF791	protein_co chr19	12610918	12633840	+	4.76	4.43
ENSG0000	PHC3	protein_co chr3	1.7E+08	1.7E+08	-	10	11.5
ENSG0000	GPR160	protein_co chr3	1.7E+08	1.7E+08	+	0.03	0.06
ENSG0000	CBX2	protein_co chr17	79778132	79787983	+	0.42	0.87
ENSG0000	SPTBN2	protein_co chr11	66685248	66729226	-	0.78	1.45
ENSG0000	GOLIM4	protein_co chr3	1.68E+08	1.68E+08	-	19.77	19.32
ENSG0000	KRT28	protein_co chr17	40792203	40799959	-	0	0
ENSG0000	RBM4B	protein_co chr11	66664998	66677921	-	12.59	11.75
ENSG0000	USMG5	protein_co chr10	1.03E+08	1.03E+08	-	91.77	99.95
ENSG0000	HOXB2	protein_co chr17	48540894	48544989	-	3.9	3.54
ENSG0000	C1QTNF1	protein_co chr17	79022814	79049788	+	122.14	105.38
ENSG0000	3-Mar	protein_co chr5	1.27E+08	1.27E+08	-	44.68	41.59
ENSG0000	SWSAP1	protein_co chr19	11374685	11376951	+	0.71	0.89
ENSG0000	SLCO4C1	protein_co chr5	1.02E+08	1.02E+08	-	0	0
ENSG0000	RBM4	protein_co chr11	66638617	66666682	+	50.63	45.78
ENSG0000	PIFO	protein_co chr1	1.11E+08	1.11E+08	+	2.37	2.08
ENSG0000	XXYL1	protein_co chr3	1.95E+08	1.95E+08	-	10.59	12.33
ENSG0000	SNURFL	processed_chrX	1.39E+08	1.39E+08	+	0	0
ENSG0000	UBXN2A	protein_co chr2	23927285	24004909	+	5.89	6.59
ENSG0000	RP11-18M	processed_chr4	53575713	53576387	+	0	0
ENSG0000	RAX2	protein_co chr19	3769089	3772221	-	0	0
ENSG0000	LRRC63	protein_co chr13	46211943	46277366	+	0	0
ENSG0000	TCAP	protein_co chr17	39664187	39666555	+	0.08	0.13
ENSG0000	CCS	protein_co chr11	66592821	66606019	+	28.72	32.7
ENSG0000	NRROS	protein_co chr3	1.97E+08	1.97E+08	+	0.73	0.68

ENSG0000(CEP19	protein_co chr3	1.97E+08	1.97E+08 -	1.91	2
ENSG0000(KLHL15	protein_co chrX	23983720	24027186 -	1.24	1.12
ENSG0000(FBXO45	protein_co chr3	1.97E+08	1.97E+08 +	2.35	2.33
ENSG0000(SPERT	protein_co chr13	45702311	45714559 +	0	0
ENSG0000(FAM46D	protein_co chrX	80335504	80445311 +	0	0
ENSG0000(GNG5	protein_co chr1	84498325	84506565 -	79.34	85.76
ENSG0000(FAM3C2	processed_chrX	23075758	23076767 +	46.25	53.33
ENSG0000(SLC25A30	protein_co chr13	45393316	45418455 -	5.48	6.74
ENSG0000(C9orf131	protein_co chr9	35041095	35045991 +	0	0.06
ENSG0000(CD34	protein_co chr1	2.08E+08	2.08E+08 -	1.26	2
ENSG0000(CTSF	protein_co chr11	66563463	66568841 -	105.6	111.95
ENSG0000(MSRB3	protein_co chr12	65278643	65488244 +	13.62	15.58
ENSG0000(LEMD3	protein_co chr12	65169571	65248327 +	5.34	5.05
ENSG0000(C16orf91	protein_co chr16	1419744	1420800 -	3.64	4.3
ENSG0000(TLR10	protein_co chr4	38772239	38782990 -	0.07	0.06
ENSG0000(TLR1	protein_co chr4	38790677	38856817 -	0.82	1.4
ENSG0000(TLR6	protein_co chr4	38823715	38856817 -	1.09	1.17
ENSG0000(FAM174A	protein_co chr5	1.01E+08	1.01E+08 +	11.94	9.77
ENSG0000(RGMB	protein_co chr5	98768650	98798643 +	16.47	12.18
ENSG0000(FAM53A	protein_co chr4	1617915	1684302 -	2.01	1.23
ENSG0000(NWD2	protein_co chr4	37244220	37449465 +	0	0
ENSG0000(CYB561D1	protein_co chr1	1.09E+08	1.1E+08 +	5.82	5.97
ENSG0000(GSTA3	protein_co chr6	52896639	52909685 -	0	0
ENSG0000(ZDHHC24	protein_co chr11	66520637	66546238 -	8.76	9.41
ENSG0000(RP11-23P1	antisense chr15	41892793	41898575 +	0	0
ENSG0000(TRMT10C	protein_co chr3	1.02E+08	1.02E+08 +	5.5	5.87
ENSG0000(SELP	protein_co chr1	1.7E+08	1.7E+08 -	0.13	0.05
ENSG0000(CTU2	protein_co chr16	88706463	88715386 +	6.3	6.84
ENSG0000(MGA	protein_co chr15	41621224	41773081 +	4.44	4.33
ENSG0000(C12orf66	protein_co chr12	64186316	64222296 -	1.11	1.37
ENSG0000(ARL13A	protein_co chrX	1.01E+08	1.01E+08 +	0	0
ENSG0000(SNX31	protein_co chr8	1.01E+08	1.01E+08 -	0	0
ENSG0000(PIGG	protein_co chr4	499210	540196 +	24.26	23.4
ENSG0000(PRPF8	protein_co chr17	1650629	1684882 -	35.77	37.19
ENSG0000(ADCY6	protein_co chr12	48766194	48789037 -	19.11	19.02
ENSG0000(REP15	protein_co chr12	27696519	27697596 +	1.06	0.43
ENSG0000(PITPNA	protein_co chr17	1517718	1562816 -	31.09	33.53
ENSG0000(DDX23	protein_co chr12	48829764	48852842 -	24.28	27.23
ENSG0000(ZNF80	protein_co chr3	1.14E+08	1.14E+08 -	0.05	0
ENSG0000(ZNHIT2	protein_co chr11	65116403	65117708 -	3.67	5.9
ENSG0000(EVX2	protein_co chr2	1.76E+08	1.76E+08 -	0	0
ENSG0000(ZBTB4	protein_co chr17	7459366	7484263 -	27.85	29.75
ENSG0000(TNK1	protein_co chr17	7380534	7389774 +	1.11	0.89
ENSG0000(ZHX3	protein_co chr20	41178448	41317672 -	11.17	13.23
ENSG0000(PHLDA3	protein_co chr1	2.01E+08	2.01E+08 -	112.72	115.31

ENSG0000(DIRC1	protein_co chr2	1.89E+08	1.89E+08	-	1.17	1.41
ENSG0000(SLC16A11	protein_co chr17	7041630	7043923	-	1.43	1.87
ENSG0000(SLC16A13	protein_co chr17	7036075	7040121	+	1.42	2.33
ENSG0000(GLIS1	protein_co chr1	53506237	53738106	-	0.06	0.13
ENSG0000(OR2Y1	protein_co chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(CHRNA9	protein_co chr4	40335329	40355217	+	0	0.21
ENSG0000(PODN	protein_co chr1	53062052	53085502	+	103.34	118.74
ENSG0000(STAG3L3	transcribed chr7	72969696	73005922	-	10.08	7.92
ENSG0000(SLC6A19	protein_co chr5	1201595	1225117	+	0	0
ENSG0000(SNHG11	processed_chr20	38446578	38450921	+	7.08	7.81
ENSG0000(C11orf45	protein_co chr11	1.29E+08	1.29E+08	-	1.27	1.8
ENSG0000(EXO1	protein_co chr1	2.42E+08	2.42E+08	+	0.36	0.1
ENSG0000(RALGAPA1	protein_co chr14	35538352	35809304	-	5.85	5.01
ENSG0000(PMS2P6	unprocessed chr7	73093657	73105389	+	2.5	3.74
ENSG0000(C20orf166	antisense chr20	62544343	62551526	-	0	0
ENSG0000(LIG4	protein_co chr13	1.08E+08	1.08E+08	-	3.1	3.4
ENSG0000(MIR1-1HG	antisense chr20	62550453	62570764	+	0	0
ENSG0000(PPIAP24	processed_chr13	1.07E+08	1.07E+08	-	0	0
ENSG0000(TRHR	protein_co chr8	1.09E+08	1.09E+08	+	0	0
ENSG0000(RPL35P9	processed_chr13	1.06E+08	1.06E+08	+	0	0
ENSG0000(GTF2IRD2B	protein_co chr7	75092573	75149817	+	12.68	9.64
ENSG0000(ABRA	protein_co chr8	1.07E+08	1.07E+08	-	0	0
ENSG0000(ATP2A2	protein_co chr12	1.1E+08	1.1E+08	+	48.03	44.29
ENSG0000(ZWILCH	protein_co chr15	66504959	66550128	+	3.23	4.74
ENSG0000(RPL4	protein_co chr15	66498015	66524532	-	1539.3	1580.93
ENSG0000(SNAPC5	protein_co chr15	66490135	66497813	-	11.08	14.46
ENSG0000(STARD6	protein_co chr18	54324358	54357964	-	0	0.05
ENSG0000(GOLGA6L2	protein_co chr15	23439498	23447234	-	0	0
ENSG0000(VWC2L	protein_co chr2	2.14E+08	2.15E+08	+	0	0
ENSG0000(C12orf76	protein_co chr12	1.1E+08	1.1E+08	-	10.22	7.99
ENSG0000(ZCCHC12	protein_co chrX	1.19E+08	1.19E+08	+	0	0
ENSG0000(CNTNAP2	protein_co chr7	1.46E+08	1.48E+08	+	0	0
ENSG0000(GALNTL6	protein_co chr4	1.72E+08	1.73E+08	+	0	0
ENSG0000(LINGO2	protein_co chr9	27948078	28670286	-	0	0
ENSG0000(BBS1	protein_co chr11	66510606	66533627	+	14.22	13.89
ENSG0000(DENND4A	protein_co chr15	65658046	65792293	-	6.17	5.74
ENSG0000(AC005017	processed_chr7	28279211	28279700	-	0	0
ENSG0000(IGDCC3	protein_co chr15	65327127	65378040	-	0	0
ENSG0000(GCSAM	protein_co chr3	1.12E+08	1.12E+08	-	0	0
ENSG0000(ANKRD36C	protein_co chr2	95836919	95991831	-	6.77	5.63
ENSG0000(SLC26A9	protein_co chr1	2.06E+08	2.06E+08	-	0.01	0
ENSG0000(MFSD4A	protein_co chr1	2.06E+08	2.06E+08	+	0.14	0.48
ENSG0000(PELI3	protein_co chr11	66466327	66477337	+	7.34	6.51
ENSG0000(TTC9B	protein_co chr19	40216058	40218399	-	0	0
ENSG0000(MYO1H	protein_co chr12	1.09E+08	1.09E+08	+	0	0

ENSG0000(TMEM81	protein_co chr1	2.05E+08	2.05E+08 -	0.66	0.63
ENSG0000(MRPL11	protein_co chr11	66435075	66466738 -	19.58	21.11
ENSG0000(KLK15	protein_co chr19	50825289	50837213 -	0.47	0
ENSG0000(IL20RB	protein_co chr3	1.37E+08	1.37E+08 +	5.06	5.02
ENSG0000(GOLT1A	protein_co chr1	2.04E+08	2.04E+08 -	0	0
ENSG0000(RPL10P2	processed_chr6	27211244	27211913 +	0.3	0
ENSG0000(AKIRIN1	protein_co chr1	38991223	39006059 +	14.24	12.16
ENSG0000(NPAS4	protein_co chr11	66421004	66426707 +	0.09	0
ENSG0000(MSL2	protein_co chr3	1.36E+08	1.36E+08 -	5.05	4.78
ENSG0000(ZNF497	protein_co chr19	58354357	58362848 -	0.1	0.12
ENSG0000(TRAM1L1	protein_co chr4	1.17E+08	1.17E+08 -	0.41	0.39
ENSG0000(CMKLR1	protein_co chr12	1.08E+08	1.08E+08 -	0	0
ENSG0000(ANGEL2	protein_co chr1	2.13E+08	2.13E+08 -	10.6	8.97
ENSG0000(UGT8	protein_co chr4	1.15E+08	1.15E+08 +	0.1	0.17
ENSG0000(KY	protein_co chr3	1.35E+08	1.35E+08 -	0.27	0.4
ENSG0000(IQCK	protein_co chr16	19716456	19858467 +	12.07	10.32
ENSG0000(SLCO2A1	protein_co chr3	1.34E+08	1.34E+08 -	0.03	0
ENSG0000(ZNF266	protein_co chr19	9412598	9435578 -	6.67	6.73
ENSG0000(OR7D4	protein_co chr19	9213850	9214871 -	0	0
ENSG0000(SLC29A2	protein_co chr11	66362521	66372214 -	0	0.03
ENSG0000(BRSK2	protein_co chr11	1389899	1462689 +	0.45	0.23
ENSG0000(VN1R6P	unitary_ps chr19	53315137	53316043 +	0	0
ENSG0000(FAM47DP	processed_chrX	37541077	37545262 -	0	0
ENSG0000(GRIK1-AS1	antisense chr21	29748175	29764002 +	0.32	0.17
ENSG0000(B4GAT1	protein_co chr11	66345372	66347692 -	21.31	20.47
ENSG0000(TMEM167	protein_co chr5	83052846	83077863 -	24.07	19.88
ENSG0000(LEP	protein_co chr7	1.28E+08	1.28E+08 +	0.02	0
ENSG0000(SH3PXD2B	protein_co chr5	1.72E+08	1.72E+08 -	23.08	26.68
ENSG0000(RP11-79L9	processed_chr3	1.39E+08	1.39E+08 -	0	0
ENSG0000(KIAA1551	protein_co chr12	31959370	31993107 +	17.3	16.42
ENSG0000(LARP7	protein_co chr4	1.13E+08	1.13E+08 +	21.03	20.32
ENSG0000(FGFBP3	protein_co chr10	91906589	91909483 -	0.15	0.17
ENSG0000(NR1D2	protein_co chr3	23945260	23980618 +	21.23	18.87
ENSG0000(PABPC5	protein_co chrX	91434595	91438584 +	1.6	0.66
ENSG0000(BRMS1	protein_co chr11	66337333	66345125 -	18.73	18.85
ENSG0000(RPL15	protein_co chr3	23916545	23923692 +	1038.73	1034.75
ENSG0000(C4orf32	protein_co chr4	1.12E+08	1.12E+08 +	2.48	2.24
ENSG0000(HRAS	protein_co chr11	532242	537287 -	28.48	29.71
ENSG0000(WDR49	protein_co chr3	1.67E+08	1.68E+08 -	0	0
ENSG0000(SRP72	protein_co chr4	56466915	56503680 +	34.94	37.31
ENSG0000(PCP2	protein_co chr19	7631611	7633748 -	0	0
ENSG0000(RIN1	protein_co chr11	66330242	66336840 -	8.7	7.81
ENSG0000(C4orf26	protein_co chr4	75556048	75565885 +	0.09	0
ENSG0000(THAP6	protein_co chr4	75513946	75550473 +	5.51	7.91
ENSG0000(CEP135	protein_co chr4	55948871	56033363 +	1.32	1.58

ENSG0000(FZD4	protein_co chr11	86945679	86955391 -	8.84	12.11
ENSG0000(CD248	protein_co chr11	66314487	66317044 -	190.08	216.07
ENSG0000(BTC	protein_co chr4	74744759	74794686 -	0	0.06
ENSG0000(PDZK1	protein_co chr1	1.46E+08	1.46E+08 -	0	0.06
ENSG0000(ADGRE1	protein_co chr19	6887566	6940459 +	0.06	0.05
ENSG0000(DENND6A	protein_co chr3	57625457	57693089 -	4.43	3.4
ENSG0000(PDE12	protein_co chr3	57556276	57566844 +	4.26	4.85
ENSG0000(GLMN	protein_co chr1	92246402	92298987 -	2.66	3.26
ENSG0000(DNAH12	protein_co chr3	57293699	57544344 -	0.03	0.08
ENSG0000(YIF1A	protein_co chr11	66284580	66289170 -	43.63	45.98
ENSG0000(CNIH2	protein_co chr11	66278190	66285301 +	0.31	0.48
ENSG0000(AMY1B	protein_co chr1	1.04E+08	1.04E+08 -	0	0
ENSG0000(NLRP6	protein_co chr11	278365	285359 +	0	0
ENSG0000(NDUFA11	protein_co chr19	5891276	5904006 -	134.22	139.66
ENSG0000(RSRC1	protein_co chr3	1.58E+08	1.59E+08 +	11.19	14.33
ENSG0000(CATSPERD	protein_co chr19	5720677	5778734 +	0	0
ENSG0000(PQLC2L	protein_co chr3	1.58E+08	1.58E+08 +	5.79	4.96
ENSG0000(RAB1B	protein_co chr11	66268533	66277492 +	80.18	74.02
ENSG0000(METTL15P:	processed_chr3	1.57E+08	1.57E+08 -	0.43	0.41
ENSG0000(OR9G1	protein_co chr11	56700388	56701305 +	0	0
ENSG0000(PTDSS2	protein_co chr11	448268	491399 +	23.09	24.16
ENSG0000(C19orf70	protein_co chr19	5678421	5680896 -	28.51	29.77
ENSG0000(C3orf33	protein_co chr3	1.56E+08	1.56E+08 -	0.86	1.07
ENSG0000(VN2R1P	unitary_ps chr3	1.56E+08	1.56E+08 +	0	0
ENSG0000(OR5M3	protein_co chr11	56469574	56470497 -	0	0
ENSG0000(SEZ6L2	protein_co chr16	29871159	29899547 -	29.64	28.93
ENSG0000(ASPHD1	protein_co chr16	29900375	29919864 +	6.84	5.98
ENSG0000(KCTD13	protein_co chr16	29905012	29927035 -	5.96	5.85
ENSG0000(P2RY14	protein_co chr3	1.51E+08	1.51E+08 -	0	0
ENSG0000(AMZ1	protein_co chr7	2679522	2775500 +	0.12	0.03
ENSG0000(GPR171	protein_co chr3	1.51E+08	1.51E+08 -	0	0
ENSG0000(GPR149	protein_co chr3	1.54E+08	1.54E+08 -	0	0
ENSG0000(CD164L2	protein_co chr1	27379176	27383380 -	0	0
ENSG0000(FUT1	protein_co chr19	48748011	48755390 -	0.13	0.09
ENSG0000(DHX36	protein_co chr3	1.54E+08	1.54E+08 -	20.25	16.64
ENSG0000(OR5J2	protein_co chr11	56176618	56177556 +	0	0
ENSG0000(ZIC4	protein_co chr3	1.47E+08	1.47E+08 -	0	0.1
ENSG0000(OR10AG1	protein_co chr11	55967558	55968463 -	0	0
ENSG0000(AC026271.	processed_chr17	18650195	18651542 +	0	0
ENSG0000(OR4S2	protein_co chr11	55650904	55651839 +	0	0
ENSG0000(FBXW8	protein_co chr12	1.17E+08	1.17E+08 +	6.74	7.4
ENSG0000(CA5A	protein_co chr16	87881546	87936529 -	0.04	0.02
ENSG0000(ZG16	protein_co chr16	29778240	29782973 +	0	0
ENSG0000(KLC2	protein_co chr11	66257294	66267860 +	8.31	12.33
ENSG0000(SLC22A1	protein_co chr6	1.6E+08	1.6E+08 +	0.27	0.04

ENSG00000100000	TEX36	protein_co chr10	1.26E+08	1.26E+08	-	0	0
ENSG00000100000	CTBP2	protein_co chr10	1.25E+08	1.25E+08	-	17.58	19.46
ENSG00000100000	CHST2	protein_co chr3	1.43E+08	1.43E+08	+	1.94	2.76
ENSG00000100000	ZDHHC14	protein_co chr6	1.57E+08	1.58E+08	+	2.98	2.69
ENSG00000100000	ATR	protein_co chr3	1.42E+08	1.43E+08	-	2.44	5.36
ENSG00000100000	LRRC75A-A	processed_chr17	16438822	16478678	+	474.56	497.67
ENSG00000100000	UBE2C	protein_co chr20	45812576	45816957	+	0.58	0.5
ENSG00000100000	DSG4	protein_co chr18	31376777	31414912	+	0	0
ENSG00000100000	GK5	protein_co chr3	1.42E+08	1.42E+08	-	5.26	7.33
ENSG00000100000	VCPIP1	protein_co chr8	66628487	66667217	-	2.35	2.37
ENSG00000100000	RTP1	protein_co chr3	1.87E+08	1.87E+08	+	0	0.03
ENSG00000100000	DES	protein_co chr2	2.19E+08	2.19E+08	+	0.17	0.18
ENSG00000100000	PDIK1L	protein_co chr1	26111165	26125543	+	1.08	0.89
ENSG00000100000	SPSB4	protein_co chr3	1.41E+08	1.41E+08	+	0	0
ENSG00000100000	RAG2	protein_co chr11	36575574	36598279	-	0	0
ENSG00000100000	TRAF6	protein_co chr11	36487027	36510272	-	3.26	3.78
ENSG00000100000	ZNF654	protein_co chr3	88059274	88144665	+	3.58	3.77
ENSG00000100000	TVP23C	protein_co chr17	15502264	15563595	-	3.55	6.13
ENSG00000100000	MRPS22	protein_co chr3	1.39E+08	1.39E+08	+	12.74	14.35
ENSG00000100000	PACS1	protein_co chr11	66070363	66244747	+	29.96	28.9
ENSG00000100000	WFDC5	protein_co chr20	45109452	45115172	-	0	0
ENSG00000100000	MARCKSL1	protein_co chr1	32333832	32336379	-	51.85	53.89
ENSG00000100000	SH3BP5L	protein_co chr1	2.49E+08	2.49E+08	-	13.76	11.97
ENSG00000100000	OR2T1	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG00000100000	TMEM51-A	antisense chr1	15111815	15152464	-	0.04	0.05
ENSG00000100000	YPEL2	protein_co chr17	59331689	59401729	+	6.2	5.72
ENSG00000100000	CADM2	protein_co chr3	84958981	86074429	+	0	0
ENSG00000100000	ABO	protein_co chr9	1.33E+08	1.33E+08	-	0	0
ENSG00000100000	PSMD2	protein_co chr3	1.84E+08	1.84E+08	+	104.47	94.81
ENSG00000100000	FAM182B	protein_co chr20	25763466	25868225	-	0.24	0.92
ENSG00000100000	PPM1E	protein_co chr17	58755869	58985176	+	0.08	0.06
ENSG00000100000	FAM131A	protein_co chr3	1.84E+08	1.84E+08	+	6.32	4.89
ENSG00000100000	CSRP2	protein_co chr12	76858715	76879060	-	34.56	30.29
ENSG00000100000	INHBC	protein_co chr12	57434760	57450828	+	0	0
ENSG00000100000	PARL	protein_co chr3	1.84E+08	1.84E+08	-	18.91	17.4
ENSG00000100000	DDIT3	protein_co chr12	57516588	57520517	-	117.46	120.09
ENSG00000100000	PCCA	protein_co chr13	1E+08	1.01E+08	+	8.36	7.3
ENSG00000100000	HIGD2B	protein_co chr15	72675783	72686149	-	0	0
ENSG00000100000	DCTN2	protein_co chr12	57530102	57547331	-	94.31	95.03
ENSG00000100000	NPPA	protein_co chr1	11845709	11848345	-	0	0
ENSG00000100000	ZNF408	protein_co chr11	46700818	46705912	+	4.8	5.12
ENSG00000100000	CTDSP2	protein_co chr12	57819927	57846739	-	109.73	120.14
ENSG00000100000	CKAP5	protein_co chr11	46743048	46846308	-	30.08	27.82
ENSG00000100000	ARHGAP1	protein_co chr11	46677080	46700615	-	41.03	41.72
ENSG00000100000	MED16	protein_co chr19	867630	893218	-	17.47	17.45

ENSG0000(ATG13	protein_co chr11	46617527	46674818	+	41.96	32.78
ENSG0000(GAL3ST3	protein_co chr11	66041952	66049180	-	0	0.04
ENSG0000(C1orf127	protein_co chr1	10946471	10982037	-	0.02	0.03
ENSG0000(CHST1	protein_co chr11	45648877	45665622	-	0.27	0.45
ENSG0000(GOLGA8A	protein_co chr15	34379068	34437466	-	37.46	37.62
ENSG0000(VWA3A	protein_co chr16	22092538	22156966	+	0.02	0.18
ENSG0000(TP53I11	protein_co chr11	44885903	44951306	-	41.17	43.36
ENSG0000(CENPS	protein_co chr1	10430443	10442809	+	7.57	6.82
ENSG0000(DOLK	protein_co chr9	1.29E+08	1.29E+08	-	11.26	11.54
ENSG0000(PHYHD1	protein_co chr9	1.29E+08	1.29E+08	+	10.63	10.34
ENSG0000(CATSPER1	protein_co chr11	66016752	66026517	-	0	0
ENSG0000(ANKRD30B	unprocessε chr21	13384249	13427773	-	0	0.03
ENSG0000(CCNE2	protein_co chr8	94879770	94896678	-	0.12	0.09
ENSG0000(PHYKPL	protein_co chr5	1.78E+08	1.78E+08	-	18.42	18.67
ENSG0000(ANKS4B	protein_co chr16	21233665	21253845	+	0.05	0.13
ENSG0000(CST6	protein_co chr11	66011841	66013505	+	0.26	0.09
ENSG0000(GRAMD2	protein_co chr15	72159807	72197785	-	0.26	0.19
ENSG0000(NF1P5	processed_ chr18	14153001	14157342	-	0	0
ENSG0000(ZNF519	protein_co chr18	14057457	14132490	-	1.05	1.37
ENSG0000(LSM1	protein_co chr8	38163321	38176730	-	18.65	19.48
ENSG0000(PROP1	protein_co chr5	1.78E+08	1.78E+08	-	0	0
ENSG0000(ISX	protein_co chr22	35066136	35087387	+	0	0
ENSG0000(BANF1	protein_co chr11	66002079	66004149	+	58.91	58.39
ENSG0000(APOF	protein_co chr12	56360569	56362823	-	0	0
ENSG0000(CHRNA7	protein_co chr15	31923438	32173018	+	0.33	0.13
ENSG0000(TMEM9B	protein_co chr11	8947294	8965011	-	19.59	19.77
ENSG0000(NRIP3	protein_co chr11	8980576	9004049	-	2.74	2.57
ENSG0000(PTPN2	protein_co chr18	12785478	12929643	-	14.51	11.87
ENSG0000(SCUBE2	protein_co chr11	9020391	9138114	-	1.48	1.47
ENSG0000(EIF1AD	protein_co chr11	65996545	66002176	-	10.06	9.36
ENSG0000(SMAD2	protein_co chr18	47808957	47931146	-	43.64	41.91
ENSG0000(EIF3F	protein_co chr11	7970251	8001862	+	165.91	189.54
ENSG0000(ZNF25	protein_co chr10	37949572	37976633	-	3.9	3.9
ENSG0000(OR10P1	protein_co chr12	55636860	55637854	+	0	0
ENSG0000(ARL10	protein_co chr5	1.76E+08	1.76E+08	+	4.72	5.21
ENSG0000(CLTB	protein_co chr5	1.76E+08	1.76E+08	-	42.82	47.27
ENSG0000(PCSK1	protein_co chr5	96390415	96434143	-	0.58	1.23
ENSG0000(LPL	protein_co chr8	19901717	19967258	+	0	0.03
ENSG0000(RFESD	protein_co chr5	95646754	95684773	+	2.27	1.16
ENSG0000(CCDC14	protein_co chr3	1.24E+08	1.24E+08	-	12.89	16.95
ENSG0000(TBC1D10C	protein_co chr11	67403915	67410089	+	0	0.12
ENSG0000(SART1	protein_co chr11	65961689	65979828	+	14.97	13.4
ENSG0000(PPP2R2D	protein_co chr10	1.32E+08	1.32E+08	+	9.28	9.72
ENSG0000(MCTP1	protein_co chr5	94703741	95284575	-	0.98	1.08
ENSG0000(POLD4	protein_co chr11	67350777	67356972	-	73.15	66.43

ENSG0000(OR52W1	protein_co chr11	6199146	6200259 +	0	0
ENSG0000(LRRC25	protein_co chr19	18391144	18397617 -	0.13	0.03
ENSG0000(DPP10	protein_co chr2	1.14E+08	1.16E+08 +	0	0
ENSG0000(CLCF1	protein_co chr11	67364168	67374177 -	8.26	8.15
ENSG0000(RP11-395L	processed_chr2	1.14E+08	1.14E+08 -	0	0
ENSG0000(TSGA10IP	protein_co chr11	65945445	65959963 +	0	0
ENSG0000(GPR152	protein_co chr11	67451301	67452729 -	0	0
ENSG0000(UBQLNL	protein_co chr11	5514393	5516705 -	0.36	0.34
ENSG0000(UBQLN3	protein_co chr11	5507300	5509985 -	0	0
ENSG0000(PNLIP	protein_co chr10	1.17E+08	1.17E+08 +	0.56	0.43
ENSG0000(LIPT2	protein_co chr11	74491712	74493733 -	1.25	1.49
ENSG0000(KCNE3	protein_co chr11	74454841	74467729 -	6.97	7.37
ENSG0000(CABP4	protein_co chr11	67452406	67460313 +	0	0
ENSG0000(ALG10B	protein_co chr12	38316578	38329728 +	1.92	1.87
ENSG0000(DRAP1	protein_co chr11	65919257	65921561 +	85.35	81.82
ENSG0000(LONRF3	protein_co chrX	1.19E+08	1.19E+08 +	0.07	0.07
ENSG0000(UCP3	protein_co chr11	74000281	74009435 -	0.21	0.82
ENSG0000(UCP2	protein_co chr11	73974667	73983307 -	0.06	0.64
ENSG0000(C11orf68	protein_co chr11	65916808	65919117 -	31.01	30.45
ENSG0000(PAAF1	protein_co chr11	73876699	73931124 +	11.7	10.75
ENSG0000(MRPL48	protein_co chr11	73787316	73865133 +	13.14	15.97
ENSG0000(RAB6A	protein_co chr11	73675638	73761137 -	52.95	48.78
ENSG0000(P2RY2	protein_co chr11	73218298	73236352 +	0.08	0.03
ENSG0000(FOSL1	protein_co chr11	65892049	65900573 -	5.94	8.77
ENSG0000(ERCC4	protein_co chr16	13920157	13952345 +	3.33	2.86
ENSG0000(SUGCT	protein_co chr7	40134977	40860763 +	9.96	8.37
ENSG0000(CCDC85B	protein_co chr11	65890112	65891635 +	35.09	36.41
ENSG0000(RP11-276H	antisense chr16	12086746	12090302 -	0	0
ENSG0000(TMEM70	protein_co chr8	73972437	73982783 +	14.65	14.25
ENSG0000(LINC00476	processed_chr9	95759231	95875977 -	3.92	4.68
ENSG0000(OR4B1	protein_co chr11	48216792	48217762 +	0	0
ENSG0000(RPS6KB2	protein_co chr11	67428460	67435408 +	14.93	15.55
ENSG0000(RMI2	protein_co chr16	11249619	11351762 +	0.99	0.83
ENSG0000(PRM1	protein_co chr16	11280836	11281350 -	0	0
ENSG0000(DRD5P2	processed_chr1	1.44E+08	1.44E+08 -	0	0
ENSG0000(TOM1L2	protein_co chr17	17843511	17972422 -	15.92	16.65
ENSG0000(TEX26	protein_co chr13	30932703	30975502 +	0	0
ENSG0000(GOLGA8EP	transcribed chr15	23157366	23170711 +	0.01	0
ENSG0000(ZNF77	protein_co chr19	2933218	2944971 -	0.81	1.04
ENSG0000(GPR156	protein_co chr3	1.2E+08	1.2E+08 -	0.09	0.16
ENSG0000(LINC00521	protein_co chr14	93987225	94008863 +	0	0
ENSG0000(LINC00116	protein_co chr2	1.1E+08	1.1E+08 -	17.94	20.14
ENSG0000(KDF1	protein_co chr1	26949562	26960406 -	0	0
ENSG0000(B3GNTL1	protein_co chr17	82942155	83051810 -	1.94	2.63
ENSG0000(RBMXL3	protein_co chrX	1.15E+08	1.15E+08 +	0	0

ENSG00000100000	MLXIP	protein_coding	chr12	1.22E+08	1.22E+08	+	21.2	19.92
ENSG00000100000	C11orf44	lincRNA	chr11	1.31E+08	1.31E+08	+	0.02	0
ENSG00000100000	BAK1P1	processed_transcript	chr20	32690180	32690815	-	0	0.39
ENSG00000100000	RWDD4P2	processed_transcript	chr7	39854494	39855056	-	0	0
ENSG00000100000	NR2F1	protein_coding	chr5	93583337	93594615	+	12.04	11.07
ENSG00000100000	C15orf54	lincRNA	chr15	39250684	39254845	+	0	0
ENSG00000100000	EIF3KP1	processed_transcript	chr5	1.03E+08	1.03E+08	+	0	0
ENSG00000100000	AURKAIP1	protein_coding	chr1	1373730	1375495	-	44.06	42.7
ENSG00000100000	TLL11	protein_coding	chr9	1.22E+08	1.22E+08	-	2.24	2.32
ENSG00000100000	EIF4E1B	protein_coding	chr5	1.77E+08	1.77E+08	+	0	0
ENSG00000100000	TOMM5	protein_coding	chr9	37582646	37592642	-	33.23	35.25
ENSG00000100000	LINC01106	lincRNA	chr2	1.1E+08	1.1E+08	-	1.59	1.58
ENSG00000100000	RP11-121M11.1	lincRNA	chr11	1.3E+08	1.3E+08	+	0	0
ENSG00000100000	C15orf53	protein_coding	chr15	38696598	38700038	+	0	0
ENSG00000100000	SLC35E3	protein_coding	chr12	68746106	68793964	+	5.74	5.59
ENSG00000100000	PRIMA1	protein_coding	chr14	93718298	93788481	-	0	0
ENSG00000100000	ZNF169	protein_coding	chr9	94259311	94301454	+	0.95	2.46
ENSG00000100000	RUVBL1	protein_coding	chr3	1.28E+08	1.28E+08	-	11.28	12.87
ENSG00000100000	SFN	protein_coding	chr1	26863138	26864457	+	0	0
ENSG00000100000	OR52B3P	unitary_prime_transcript	chr11	4378282	4379209	+	0	0
ENSG00000100000	MSRA	protein_coding	chr8	10054268	10428891	+	5.85	7.23
ENSG00000100000	ZNF645	protein_coding	chrX	22272943	22274461	+	0	0
ENSG00000100000	CCDC168	protein_coding	chr13	1.03E+08	1.03E+08	-	0.01	0.01
ENSG00000100000	CTDNEP1	protein_coding	chr17	7243591	7252491	-	68.19	63.64
ENSG00000100000	ETV4	protein_coding	chr17	43527844	43579620	-	0.62	1.42
ENSG00000100000	FAM172BP	processed_transcript	chr3	1.02E+08	1.02E+08	+	0	0
ENSG00000100000	SWI5	protein_coding	chr9	1.28E+08	1.28E+08	+	22.05	26.11
ENSG00000100000	GAPT	protein_coding	chr5	58491435	58497090	+	0	0
ENSG00000100000	BAIAP2	protein_coding	chr17	81035122	81117432	+	9.29	11.39
ENSG00000100000	CALCB	protein_coding	chr11	14904997	15082342	+	0	0.05
ENSG00000100000	CREG2	protein_coding	chr2	1.01E+08	1.01E+08	-	0.62	0.94
ENSG00000100000	WBSCR28	protein_coding	chr7	73861159	73865893	+	0	0
ENSG00000100000	HOXD8	protein_coding	chr2	1.76E+08	1.76E+08	+	0.19	0
ENSG00000100000	RPL7AP66	processed_transcript	chr18	39334872	39335672	-	0	0
ENSG00000100000	ZDHHC21	protein_coding	chr9	14611071	14693471	-	1.29	1.06
ENSG00000100000	TSPEAR	protein_coding	chr21	44497892	44711580	-	0	0
ENSG00000100000	PLEKHF2	protein_coding	chr8	95133804	95156684	+	2.14	2.69
ENSG00000100000	A2M	protein_coding	chr12	9067664	9116229	-	6.36	8.95
ENSG00000100000	ARL4D	protein_coding	chr17	43398959	43401137	+	21.88	27.14
ENSG00000100000	DOK7	protein_coding	chr4	3463311	3494483	+	0	0
ENSG00000100000	LRRN1	protein_coding	chr3	3799437	3847703	+	0	0
ENSG00000100000	UBE2O	protein_coding	chr17	76389451	76453206	-	7.17	6.95
ENSG00000100000	ORAI3	protein_coding	chr16	30949066	30956461	+	31.09	28.33
ENSG00000100000	KLHL38	protein_coding	chr8	1.24E+08	1.24E+08	-	0.11	0.12
ENSG00000100000	RP11-544L11.1	antisense	chr6	1.14E+08	1.14E+08	+	0.05	0.05

ENSG0000(UNC119B	protein_co chr12	1.21E+08	1.21E+08	+	14.39	14.65
ENSG0000(DENND2C	protein_co chr1	1.15E+08	1.15E+08	-	1.09	0.89
ENSG0000(PLEKHD1	protein_co chr14	69484692	69531551	+	0.22	0.16
ENSG0000(FAM220BP	processed_chr9	38527097	38527912	+	0	0
ENSG0000(ASCL3	protein_co chr11	8937579	8938211	-	0	0
ENSG0000(TUBB6	protein_co chr18	12307669	12344320	+	128.72	131.69
ENSG0000(LYSMD3	protein_co chr5	90515611	90529584	-	5.41	5.03
ENSG0000(AMIGO3	protein_co chr3	49716834	49719695	-	0	0
ENSG0000(B3GALT6	protein_co chr1	1232265	1235041	+	8.05	8.17
ENSG0000(ZNF613	protein_co chr19	51927147	51948759	+	1.81	3.29
ENSG0000(C11orf16	protein_co chr11	8920076	8933006	-	0	0
ENSG0000(TMPRS7	protein_co chr3	1.12E+08	1.12E+08	+	0.05	0.05
ENSG0000(RP1-146I3.	processed_chr14	72929612	72929930	-	0	0
ENSG0000(NUPR1	protein_co chr16	28532708	28539174	-	275.2	324.95
ENSG0000(JAKMIP2	protein_co chr5	1.48E+08	1.48E+08	-	0.01	0.03
ENSG0000(RPL23P2	processed_chr21	28997613	28998033	-	0.58	0.64
ENSG0000(MBLAC2	protein_co chr5	90458203	90474768	-	1.61	2.04
ENSG0000(TPRN	protein_co chr9	1.37E+08	1.37E+08	-	3.56	3.58
ENSG0000(LINC00302	lincRNA chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(KCNE5	protein_co chrX	1.1E+08	1.1E+08	-	0.16	0.21
ENSG0000(ZNF683	protein_co chr1	26361634	26374522	-	0	0
ENSG0000(SLC35A4	protein_co chr5	1.41E+08	1.41E+08	+	24.4	26.41
ENSG0000(AIM1L	protein_co chr1	26321859	26360052	-	0	0
ENSG0000(IP6K1	protein_co chr3	49724294	49786542	-	18.89	18.67
ENSG0000(SSNA1	protein_co chr9	1.37E+08	1.37E+08	+	29.36	32.39
ENSG0000(CSTF3	protein_co chr11	33077188	33162371	-	5.72	6.18
ENSG0000(YES1	protein_co chr18	721588	812546	-	20.09	20.89
ENSG0000(CHMP6	protein_co chr17	80991598	81009517	+	12.64	14
ENSG0000(AQP7P4	unprocessε chr9	63127359	63143401	+	0	0
ENSG0000(DLEU1	protein_co chr13	50082171	50723236	+	3.22	5.43
ENSG0000(UFSP1	protein_co chr7	1.01E+08	1.01E+08	-	1.29	1.35
ENSG0000(RP11-574E	transcribec chr9	64637845	64652556	+	0	0
ENSG0000(MC5R	protein_co chr18	13824149	13827323	+	0.04	0
ENSG0000(TMEM39A	protein_co chr3	1.19E+08	1.19E+08	-	18.37	18.6
ENSG0000(TCP11L1	protein_co chr11	33039417	33105943	+	9.15	8.72
ENSG0000(GPX2	protein_co chr14	64939152	64942905	-	0	0
ENSG0000(CCDC57	protein_co chr17	82101460	82212830	-	20.45	16.92
ENSG0000(HSF5	protein_co chr17	58420167	58488384	-	0	0
ENSG0000(FOXG1	protein_co chr14	28760330	28770277	+	0.05	0.04
ENSG0000(SPHK1	protein_co chr17	76376584	76387860	+	17.89	19.21
ENSG0000(BNIP3	protein_co chr10	1.32E+08	1.32E+08	-	95.43	71.05
ENSG0000(ENTHD1	protein_co chr22	39743044	39893864	-	0	0
ENSG0000(MYPOP	protein_co chr19	45890020	45902604	-	4.5	4.56
ENSG0000(CH17-12M	processed_chr5	98338744	98339832	+	0	0
ENSG0000(CIDEA	protein_co chr18	12254319	12277595	+	0	0

ENSG0000(OR11H4	protein_co chr14	20242739	20243820 +	0	0
ENSG0000(OR4D11	protein_co chr11	59503576	59504511 +	0	0
ENSG0000(LRRTM4	protein_co chr2	76747719	77593319 -	0.13	0
ENSG0000(ATAD5	protein_co chr17	30831970	30895869 +	0.11	0.25
ENSG0000(SMIM19	protein_co chr8	42541155	42555193 +	13.9	13.26
ENSG0000(OR11H6	protein_co chr14	20223632	20224805 +	0	0
ENSG0000(ZNF404	protein_co chr19	43872363	43901385 -	2.3	1.77
ENSG0000(RTTN	protein_co chr18	70003031	70205945 -	1.87	1.86
ENSG0000(OR4K17	protein_co chr14	20117407	20118438 +	0	0
ENSG0000(OR10H4	protein_co chr19	15949008	15949958 +	0	0
ENSG0000(RP5-1193P	transcribed chr7	63980385	63981477 -	0	0
ENSG0000(C10orf111	antisense chr10	15095385	15097319 -	0.14	0.07
ENSG0000(OR51B6	protein_co chr11	5351508	5352446 +	0	0
ENSG0000(CDV3P1	processed_chr3	96776945	96777683 +	0	0
ENSG0000(ACBD7	protein_co chr10	15077523	15088776 -	0.15	0.2
ENSG0000(OR4L1	protein_co chr14	20060045	20060983 +	0	0
ENSG0000(ANAPC2	protein_co chr9	1.37E+08	1.37E+08 -	17.72	17.81
ENSG0000(OR4K13	protein_co chr14	20033844	20034760 -	0	0
ENSG0000(HMGB4	protein_co chr1	33860475	33864791 +	0	0
ENSG0000(ZBTB8OS	protein_co chr1	32600172	32650903 -	18.06	15.82
ENSG0000(CYCSP34	processed_chr13	40863599	40863902 -	0	0
ENSG0000(OR4F21	protein_co chr8	166049	167043 -	0.12	0
ENSG0000(SLC35G1	protein_co chr10	93893973	93956062 +	1.19	1.85
ENSG0000(OR4K5	protein_co chr14	19920582	19921659 +	0	0
ENSG0000(IDSP1	unprocessε chrX	1.5E+08	1.5E+08 +	0	0
ENSG0000(OR4K3	unprocessε chr14	19868242	19869143 -	0	0
ENSG0000(ZNF135	protein_co chr19	58059239	58086310 +	0.17	0.29
ENSG0000(OR4N2	protein_co chr14	19719015	19828372 +	0	0
ENSG0000(OR4M1	protein_co chr14	19780242	19781357 +	0	0
ENSG0000(FOXR1	protein_co chr11	1.19E+08	1.19E+08 +	0	0
ENSG0000(OR4H12P	unprocessε chr14	19759868	19760774 +	0	0
ENSG0000(FOXN3P1	processed_chrX	1.03E+08	1.03E+08 -	0	0
ENSG0000(RP11-404C	lincRNA chr1	1.58E+08	1.58E+08 -	0	0.11
ENSG0000(COX8A	protein_co chr11	63974607	63976543 +	189.66	189.24
ENSG0000(RPL37AP8	processed_chr11	1.12E+08	1.12E+08 -	0	0
ENSG0000(AC110781.	antisense chr7	1838586	1849931 +	0	0
ENSG0000(TAC4	protein_co chr17	49838309	49848017 -	0	0
ENSG0000(ZSCAN2	protein_co chr15	84600986	84627796 +	4.34	4.42
ENSG0000(PFN1P10	processed_chr1	21459756	21460082 -	0	0
ENSG0000(PRR18	protein_co chr6	1.66E+08	1.66E+08 -	0	0
ENSG0000(B3GNT4	protein_co chr12	1.22E+08	1.22E+08 +	0.56	0.3
ENSG0000(CDC26	protein_co chr9	1.13E+08	1.13E+08 -	18.75	18.27
ENSG0000(HSD11B2	protein_co chr16	67430652	67437553 +	0	0.16
ENSG0000(CRLF3	protein_co chr17	30769388	30824776 -	4.47	2.28
ENSG0000(RNPEP	protein_co chr1	2.02E+08	2.02E+08 +	39.04	40.55

ENSG0000(EID2	protein_co chr19	39538705	39540333	-	6.38	5.76
ENSG0000(DMRTA1	protein_co chr9	22446841	22455740	+	0.02	0.03
ENSG0000(EID2B	protein_co chr19	39530990	39532854	-	1.71	1.45
ENSG0000(GJC3	protein_co chr7	99923269	99929620	-	0	0
ENSG0000(RIMS2	protein_co chr8	1.04E+08	1.04E+08	+	0.04	1.33
ENSG0000(KCMF1	protein_co chr2	84971093	85059472	+	23.55	21.32
ENSG0000(DNAJC30	protein_co chr7	73680969	73683453	-	6.31	6.58
ENSG0000(SPRYD4	protein_co chr12	56468567	56479707	+	0.89	0.82
ENSG0000(VPS37D	protein_co chr7	73667825	73672112	+	3.5	3.89
ENSG0000(CLEC14A	protein_co chr14	38254103	38256369	-	0.56	0.43
ENSG0000(SYNE3	protein_co chr14	95407266	95475836	-	1.64	1.44
ENSG0000(CLK2	protein_co chr1	1.55E+08	1.55E+08	-	16.57	16.8
ENSG0000(LPCAT4	protein_co chr15	34358618	34367278	-	17.55	20.15
ENSG0000(SLCO3A1	protein_co chr15	91853695	92172435	+	13.68	13.17
ENSG0000(ZNF575	protein_co chr19	43525497	43536130	+	1.29	1.71
ENSG0000(WDR25	protein_co chr14	1E+08	1.01E+08	+	4.99	7.94
ENSG0000(SGF29	protein_co chr16	28553915	28591790	+	6.22	7.35
ENSG0000(PLA2G16	protein_co chr11	63573195	63616883	-	25.79	25.82
ENSG0000(DIRAS1	protein_co chr19	2714567	2721418	-	0.25	0.57
ENSG0000(OR5AN1	protein_co chr11	59364412	59365448	+	0	0
ENSG0000(OR10AC1	polymorph chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP5-856G1	lincRNA chr6	1079929	1104946	+	0	0
ENSG0000(PHLDB3	protein_co chr19	43474954	43504935	-	7.72	7.43
ENSG0000(PRR15	protein_co chr7	29563811	29567295	+	4.47	3.41
ENSG0000(GNG7	protein_co chr19	2511219	2702709	-	0.1	0.1
ENSG0000(OR4C5	protein_co chr11	48365485	48366465	-	0	0
ENSG0000(USF3	protein_co chr3	1.14E+08	1.14E+08	-	1.51	1.46
ENSG0000(OR4C3	protein_co chr11	48324920	48328471	+	0	0
ENSG0000(OR4S1	protein_co chr11	48306223	48307152	+	0	0
ENSG0000(CNTD1	protein_co chr17	42798792	42811587	+	0	0
ENSG0000(DCAF4L2	protein_co chr8	87870743	87874068	-	0	0
ENSG0000(OR4X1	protein_co chr11	48263861	48264778	+	0	0
ENSG0000(CNBD1	protein_co chr8	86866442	87615219	+	0	0
ENSG0000(DMBT1P1	transcribec chr10	1.23E+08	1.23E+08	+	0.02	0
ENSG0000(CTD-2368P	processed_chr19	58002061	58011232	+	2.07	1.83
ENSG0000(KBTBD11	protein_co chr8	1973878	2006936	+	0.08	0.06
ENSG0000(B3GNT5	protein_co chr3	1.83E+08	1.83E+08	+	2.98	2.88
ENSG0000(MAP3K19	protein_co chr2	1.35E+08	1.35E+08	-	0.12	0
ENSG0000(C14orf177	protein_co chr14	98711613	98717761	+	0	0
ENSG0000(LMNB2	protein_co chr19	2427638	2456996	-	7.01	7.37
ENSG0000(RMDN1	protein_co chr8	86468257	86514357	-	25.17	28.82
ENSG0000(MEX3C	protein_co chr18	51174550	51218304	-	13.67	12.6
ENSG0000(HORMAD2	protein_co chr22	30080174	30177075	+	0	0
ENSG0000(RNF152	protein_co chr18	61808063	61894247	-	0.59	0.92
ENSG0000(NANOGP1	transcribec chr12	7890801	7900140	+	0	0

ENSG00000109210	MYO1D	protein_co	chr17	32492522	32877177	-	3.67	3.58
ENSG00000109211	C20orf197	lincRNA	chr20	60055925	60072953	+	0	0
ENSG00000109212	FOXL1	protein_co	chr16	86576368	86582160	+	0.89	0.31
ENSG00000109213	TGIF2LY	protein_co	chrY	3579041	3580041	+	0	0
ENSG00000109214	LRRC37A	protein_co	chr17	46292733	46337794	+	0.5	0.51
ENSG00000109215	FOXC2	protein_co	chr16	86567251	86569728	+	1.79	2.19
ENSG00000109216	OR4F17	protein_co	chr19	107461	111696	+	0	0
ENSG00000109217	BDNF	protein_co	chr11	27654893	27722058	-	3.53	3.02
ENSG00000109218	SCAND2P	transcribed	chr15	84631451	84647478	+	3.04	4.84
ENSG00000109219	CCDC121	protein_co	chr2	27625639	27629012	-	0.87	1.03
ENSG00000109220	ACSF3	protein_co	chr16	89088375	89155846	+	6.96	6.92
ENSG00000109221	OR10AB1P	unprocessed	chr11	7728400	7729337	+	0	0
ENSG00000109222	BOK	protein_co	chr2	2.42E+08	2.42E+08	+	24.37	25.69
ENSG00000109223	ZNF843	protein_co	chr16	31432593	31443160	-	0.64	0.31
ENSG00000109224	TTY14	lincRNA	chrY	18872501	19077416	-	3.39	5.8
ENSG00000109225	C8orf59	protein_co	chr8	85214076	85220421	-	35.8	37.79
ENSG00000109226	PFN4	protein_co	chr2	24115371	24123477	-	1	0.35
ENSG00000109227	OR51V1	protein_co	chr11	5199735	5200700	-	0	0
ENSG00000109228	MAGEB6	protein_co	chrX	26192440	26195646	+	0	0
ENSG00000109229	OR52Z1	polymorph	chr11	5177714	5178610	-	0	0
ENSG00000109230	CDK5R1	protein_co	chr17	32486619	32491256	+	0.59	0.43
ENSG00000109231	OR51A1P	unitary_ps	chr11	5170351	5171296	-	0	0
ENSG00000109232	C15orf56	processed	chr15	40250664	40252969	-	0	0
ENSG00000109233	LINC00303	lincRNA	chr1	2.04E+08	2.04E+08	-	0	0
ENSG00000109234	ZNF285B	unprocessed	chr19	44467641	44473227	+	0	0
ENSG00000109235	TCERG1L	protein_co	chr10	1.31E+08	1.31E+08	-	0	0
ENSG00000109236	NCKAP5	protein_co	chr2	1.33E+08	1.34E+08	-	0.55	0.79
ENSG00000109237	MAGEB18	protein_co	chrX	26138343	26140735	+	0	0
ENSG00000109238	DEFB104A	protein_co	chr8	7836471	7841242	+	0	0
ENSG00000109239	RUFY1	protein_co	chr5	1.8E+08	1.8E+08	+	23.14	22.04
ENSG00000109240	OR52E2	protein_co	chr11	5058650	5059627	-	0	0
ENSG00000109241	BASP1	protein_co	chr5	17065598	17276843	+	86.25	78.98
ENSG00000109242	DEFB103A	protein_co	chr8	7881204	7882664	+	0	0
ENSG00000109243	OR51L1	protein_co	chr11	4998983	4999930	+	0	0
ENSG00000109244	LRRC37A3	protein_co	chr17	64854312	64919480	-	1.98	2.23
ENSG00000109245	RP11-629C	processed	chrX	25194381	25195207	-	0	0
ENSG00000109246	FKBP9P1	transcribed	chr7	55681074	55713252	-	4.89	5.83
ENSG00000109247	VSIG10	protein_co	chr12	1.18E+08	1.18E+08	-	6.74	7.65
ENSG00000109248	MIR7-3HG	lincRNA	chr19	4769140	4772533	+	0	0
ENSG00000109249	IRX5	protein_co	chr16	54930862	54934485	+	0.25	0.07
ENSG00000109250	METRNL	protein_co	chr17	83079691	83095119	+	99.74	92.63
ENSG00000109251	FAM91A1	protein_co	chr8	1.24E+08	1.24E+08	+	18.3	21.38
ENSG00000109252	KRT18P28	processed	chr1	1.83E+08	1.83E+08	-	0	0
ENSG00000109253	GJA1P1	processed	chr5	1.09E+08	1.09E+08	-	0	0
ENSG00000109254	RP11-334J	antisense	chr9	1.31E+08	1.32E+08	-	0.21	0.02

ENSG00000103220	WSB2	protein_co chr12	1.18E+08	1.18E+08	-	38.15	39.44
ENSG00000103221	RP11-432N1.1	processed_chr13	49620314	49620646	+	0	0
ENSG00000103222	GRIN1	protein_co chr9	1.37E+08	1.37E+08	+	0	0
ENSG00000103223	SOX11	protein_co chr2	5692667	5701385	+	0	0.01
ENSG00000103224	TYMS	protein_co chr18	657604	673578	+	11.18	10.46
ENSG00000103225	OR51G2	protein_co chr11	4914719	4915663	-	0	0
ENSG00000103226	PXMP2	protein_co chr12	1.33E+08	1.33E+08	+	5.69	7.54
ENSG00000103227	OR51A7	protein_co chr11	4907370	4908308	+	0	0
ENSG00000103228	TCEANC	protein_co chrX	13653189	13681964	+	0.52	0.68
ENSG00000103229	OR51T1	protein_co chr11	4881819	4882883	+	0	0
ENSG00000103230	PNMA1	protein_co chr14	73711783	73714372	-	18.86	20.38
ENSG00000103231	OR51H1	protein_co chr11	4859656	4860564	-	0	0
ENSG00000103232	C8orf4	protein_co chr8	40153455	40155308	+	13.1	14.11
ENSG00000103233	MAMSTR	protein_co chr19	48712742	48719721	-	3.97	5.18
ENSG00000103234	TYMSOS	processed_chr18	641320	658340	-	2.47	2.88
ENSG00000103235	ANKLE2	protein_co chr12	1.33E+08	1.33E+08	-	33.48	25.22
ENSG00000103236	C8G	protein_co chr9	1.37E+08	1.37E+08	+	0.19	0
ENSG00000103237	FUT2	protein_co chr19	48695971	48705950	+	0.06	0.02
ENSG00000103238	OR51S1	protein_co chr11	4848237	4849208	-	0	0
ENSG00000103239	OR7A15P	unprocessed_chr19	14927058	14928024	+	0	0
ENSG00000103240	OR51F2	protein_co chr11	4821386	4822414	+	0	0
ENSG00000103241	EFCAB5	protein_co chr17	29929200	30108452	+	0.08	0.25
ENSG00000103242	GCNT4	protein_co chr5	75025346	75030899	-	0.13	0.13
ENSG00000103243	TOB2P1	processed_chr6	28217643	28218634	-	0.55	0.95
ENSG00000103244	MUC20	protein_co chr3	1.96E+08	1.96E+08	+	1.07	0.62
ENSG00000103245	THAP4	protein_co chr2	2.42E+08	2.42E+08	-	19.9	16.77
ENSG00000103246	OR51N1P	unprocessed_chr11	4786754	4787705	+	0	0
ENSG00000103247	NFATC2IP	protein_co chr16	28950807	28967097	+	13.34	11.88
ENSG00000103248	LY6H	protein_co chr8	1.43E+08	1.43E+08	-	0	0
ENSG00000103249	RPL7L1P11	processed_chrX	1.48E+08	1.48E+08	+	0	0
ENSG00000103250	FIBIN	protein_co chr11	26994184	26996121	+	14.01	13.83
ENSG00000103251	FAM89B	protein_co chr11	65572349	65574198	+	23.53	27.1
ENSG00000103252	SHMT1	protein_co chr17	18327860	18363563	-	5.95	5.77
ENSG00000103253	DPP7	protein_co chr9	1.37E+08	1.37E+08	-	132.96	137.29
ENSG00000103254	TRIM60	protein_co chr4	1.65E+08	1.65E+08	+	0	0.04
ENSG00000103255	AP000679.1	antisense chr11	1.2E+08	1.2E+08	+	0	0
ENSG00000103256	SEC24C	protein_co chr10	73744384	73772161	+	24.16	24.57
ENSG00000103257	FMR1NB	protein_co chrX	1.48E+08	1.48E+08	+	0	0
ENSG00000103258	SMCR8	protein_co chr17	18315310	18328055	+	8.14	8.31
ENSG00000103259	HCG4	unprocessed_chr6	29791753	29792750	-	0.43	0.47
ENSG00000103260	MTHFR	protein_co chr1	11785723	11806920	-	12.25	12.25
ENSG00000103261	DEFB104B	protein_co chr8	7470308	7475082	-	0	0
ENSG00000103262	C19orf18	protein_co chr19	57958437	57974534	-	0.54	0.3
ENSG00000103263	DEAF1	protein_co chr11	644233	706715	-	22.51	19.62
ENSG00000103264	MTX3	protein_co chr5	79976731	79991262	-	4.94	4.3

ENSG0000(TMEM80	protein_co chr11	695428	705028	+	7.17	11.06
ENSG0000(SIX5	protein_co chr19	45764785	45769226	-	14.29	11.57
ENSG0000(IFNW1	protein_co chr9	21140214	21142145	-	0	0
ENSG0000(FBXO46	protein_co chr19	45710629	45730904	-	5.42	5.67
ENSG0000(ZDHC13	protein_co chr11	19117099	19176422	+	7.68	7.99
ENSG0000(SLC38A9	protein_co chr5	55625845	55773194	-	13.96	14.54
ENSG0000(ACER2	protein_co chr9	19409059	19452020	+	1.7	2.12
ENSG0000(WDR73	protein_co chr15	84639281	84654343	-	10.11	9.88
ENSG0000(POLE	protein_co chr12	1.33E+08	1.33E+08	-	2.42	2.93
ENSG0000(FAM109B	protein_co chr22	42074251	42079441	+	8.96	9.92
ENSG0000(SCN4B	protein_co chr11	1.18E+08	1.18E+08	-	0.09	0.25
ENSG0000(DSCAML1	protein_co chr11	1.17E+08	1.18E+08	-	0.12	0
ENSG0000(RHOG	protein_co chr11	3826978	3840983	-	30.54	28.49
ENSG0000(EPS8L2	protein_co chr11	694438	727727	+	25.77	24.92
ENSG0000(ZDHC22	protein_co chr14	77131270	77142734	-	0	0
ENSG0000(MRVI1-AS1	antisense chr11	10541272	10599932	+	0.12	0.18
ENSG0000(ANO6	protein_co chr12	45215987	45440404	+	20.71	20.72
ENSG0000(ZBTB34	protein_co chr9	1.27E+08	1.27E+08	+	1.93	2.12
ENSG0000(LINC00982	antisense chr1	3059615	3068437	-	0	0
ENSG0000(FAM9B	protein_co chrX	9024232	9164639	-	0.03	0.03
ENSG0000(CETN1	protein_co chr18	580357	582114	+	0	0
ENSG0000(NUDT4P1	protein_co chr1	1.49E+08	1.49E+08	+	0.65	0.44
ENSG0000(FAM210A	protein_co chr18	13663347	13726663	-	7.44	7.63
ENSG0000(OR2T35	protein_co chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(TALDO1	protein_co chr11	747329	765024	+	53.19	52.2
ENSG0000(ULK1	protein_co chr12	1.32E+08	1.32E+08	+	17.78	15.6
ENSG0000(NAP1L4P1	processed_chr1	1.17E+08	1.17E+08	-	0.26	0.11
ENSG0000(OR14C36	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RIMKLA	protein_co chr1	42380795	42422578	+	0.02	0.02
ENSG0000(CLVS1	protein_co chr8	61057158	61501645	+	0	0
ENSG0000(OR2M7	protein_co chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(RPS6KA3	protein_co chrX	20149911	20267100	-	24.3	25.81
ENSG0000(B3GNT8	protein_co chr19	41425359	41428730	-	1.64	2.93
ENSG0000(PUS1	protein_co chr12	1.32E+08	1.32E+08	+	4.97	5.05
ENSG0000(PCNPP5	processed_chr13	48328084	48328564	-	0	0
ENSG0000(CHD9	protein_co chr16	53055033	53329150	+	8.97	8.75
ENSG0000(OR2T12	protein_co chr1	2.48E+08	2.48E+08	-	0.04	0
ENSG0000(SPACA4	protein_co chr19	48606743	48607714	+	0	0
ENSG0000(OR2T33	protein_co chr1	2.48E+08	2.48E+08	-	0.04	0
ENSG0000(PDDC1	protein_co chr11	767220	777488	-	28.85	25.41
ENSG0000(OR2M1P	unprocessε chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(LINC01561	lincRNA chr10	1.21E+08	1.21E+08	+	0	0
ENSG0000(TRIM72	protein_co chr16	31214021	31231537	+	0	0.04
ENSG0000(MAN1B1	protein_co chr9	1.37E+08	1.37E+08	+	50.36	49.77
ENSG0000(DEFB103B	protein_co chr8	7428888	7430348	-	0	0

ENSG0000(DEFB4B	protein_co chr8	7414860	7416863 -	0	0
ENSG0000(ENSAP3	processed_chr2	2.15E+08	2.15E+08 +	0	0
ENSG0000(KCNA3	protein_co chr1	1.11E+08	1.11E+08 -	0	0
ENSG0000(OR2AJ1	protein_co chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(FZD8	protein_co chr10	35638249	35642278 -	9.75	11.33
ENSG0000(GJD4	protein_co chr10	35605410	35608935 +	0	0.04
ENSG0000(FBXO39	protein_co chr17	6776223	6797101 +	0.34	0.19
ENSG0000(CLDN22	protein_co chr4	1.83E+08	1.83E+08 -	0	0
ENSG0000(KCNA2	protein_co chr1	1.11E+08	1.11E+08 -	0	0
ENSG0000(TOP3A	protein_co chr17	18271428	18315007 -	8.96	8.56
ENSG0000(CASKIN2	protein_co chr17	75500261	75515583 -	4.35	5.3
ENSG0000(OR7E125P	unprocessε chr8	7246726	7247571 -	0.39	0.45
ENSG0000(ZBTB38	protein_co chr3	1.41E+08	1.41E+08 +	33.72	34.69
ENSG0000(BEND2	protein_co chrX	18162931	18220883 -	0	0
ENSG0000(C8orf31	processed_chr8	1.43E+08	1.43E+08 +	1.03	0.98
ENSG0000(DLGAP1-AS	antisense chr18	3593732	3598352 +	8.62	7.74
ENSG0000(LINC00469	lincRNA chr17	73750330	73828520 -	0	0
ENSG0000(FLJ13224	antisense chr12	31324316	31325829 +	0	0
ENSG0000(RPL13AP3	transcribec chr14	55766177	55767717 +	0	0.25
ENSG0000(CCDC71	protein_co chr3	49162535	49166321 -	12.87	12.11
ENSG0000(C10orf71	protein_co chr10	49299193	49327487 +	0	0
ENSG0000(OVOS2	protein_co chr12	31111652	31206154 -	0	0
ENSG0000(LRRN4CL	protein_co chr11	62686402	62689899 -	17.67	18.59
ENSG0000(FLJ40194	processed_chr17	49248239	49258662 +	0.05	0
ENSG0000(TIMM22	protein_co chr17	997117	1003671 +	4.92	4.54
ENSG0000(HIC1	protein_co chr17	2054154	2063241 +	11.9	17.11
ENSG0000(PPFIA3	protein_co chr19	49119389	49151026 +	1.36	1.91
ENSG0000(MAGEF1	protein_co chr3	1.85E+08	1.85E+08 -	11.18	13.1
ENSG0000(UMODL1	protein_co chr21	42062959	42143453 +	0	0
ENSG0000(OR7E8P	unprocessε chr8	12684154	12685153 -	0	0
ENSG0000(RP11-218M	antisense chr12	630891	663706 +	2.51	3.17
ENSG0000(SAMD9L	protein_co chr7	93130055	93148369 -	5.61	6.2
ENSG0000(ZFAS1	antisense chr20	49278178	49295738 +	202.08	210.27
ENSG0000(UBE2U	protein_co chr1	64203627	64267368 +	0	0
ENSG0000(RP4-756H1	processed_chr7	66556889	66557362 -	0	0
ENSG0000(PAWR	protein_co chr12	79574979	79691097 -	14.48	12.36
ENSG0000(TGIF1	protein_co chr18	3411608	3459978 +	44.3	41.89
ENSG0000(MIEF2	protein_co chr17	18260534	18266552 +	5.43	4.89
ENSG0000(NAP1L5	protein_co chr4	88695915	88698235 -	1.19	1.25
ENSG0000(CBX3P1	processed_chr11	27806443	27806996 +	0	0
ENSG0000(RP4-597J3.	processed_chr1	63788721	63789304 -	0.12	0
ENSG0000(NIM1K	protein_co chr5	43192071	43280850 +	1.98	1.05
ENSG0000(CD19	protein_co chr16	28931939	28939346 +	0	0
ENSG0000(ERICH5	protein_co chr8	98064311	98093610 +	0.11	0
ENSG0000(OR2T8	protein_co chr1	2.48E+08	2.48E+08 +	0	0

ENSG0000(NR2C2	protein_co chr3	14947584	15053600	+	12.09	13.72
ENSG0000(GPR4	protein_co chr19	45589764	45602208	-	3.57	4.19
ENSG0000(ACOT4	protein_co chr14	73591706	73596496	+	0.16	0.13
ENSG0000(OLIG3	protein_co chr6	1.37E+08	1.37E+08	-	0	0
ENSG0000(PTRF	protein_co chr17	42402452	42423517	-	238.82	233.95
ENSG0000(OR2G3	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(ARIH2	protein_co chr3	48918821	48986382	+	24.87	25.67
ENSG0000(RBM44	protein_co chr2	2.38E+08	2.38E+08	+	0.06	0.13
ENSG0000(ZBTB33	protein_co chrX	1.2E+08	1.2E+08	+	3.23	3.44
ENSG0000(OR2G2	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(ZBED2	protein_co chr3	1.12E+08	1.12E+08	-	0.02	0.08
ENSG0000(VCX2	protein_co chrX	8169944	8171267	-	0	0
ENSG0000(IRX3	protein_co chr16	54283304	54286763	-	1.08	1.45
ENSG0000(ST8SIA3	protein_co chr18	57350813	57371731	+	0	0
ENSG0000(RPRM	protein_co chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(OR2B11	protein_co chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(SLC25A22	protein_co chr11	790475	798333	-	4.93	5.3
ENSG0000(RABEP2	protein_co chr16	28904421	28936526	-	10.81	10.04
ENSG0000(NHLH2	protein_co chr1	1.16E+08	1.16E+08	-	0	0.02
ENSG0000(RP11-56N1	antisense chr1	11777077	11779619	-	0	0.03
ENSG0000(ATOX1	protein_co chr5	1.52E+08	1.52E+08	-	99.24	94.75
ENSG0000(FAM187B	protein_co chr19	35224800	35228729	-	0	0
ENSG0000(TBL1XR1	protein_co chr3	1.77E+08	1.77E+08	-	29.37	31.68
ENSG0000(SAMD12	protein_co chr8	1.18E+08	1.19E+08	-	0.03	0.24
ENSG0000(CD163	protein_co chr12	7470813	7503893	-	0.11	0.17
ENSG0000(C18orf32	protein_co chr18	49477250	49487252	-	18.36	16.55
ENSG0000(OR7E149P	unprocessε chr12	8437403	8438425	-	0	0
ENSG0000(GIMAP3P	processed_ chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(PIDD1	protein_co chr11	799179	809753	-	8.61	10.39
ENSG0000(RP11-512C	lincRNA chr13	74412957	74419115	-	0	0
ENSG0000(ZNF491	protein_co chr19	11797667	11809622	+	0.38	0.76
ENSG0000(RPLP2	protein_co chr11	809647	812880	+	595.63	594.78
ENSG0000(GSG2	protein_co chr17	3723903	3726699	+	0.12	0.15
ENSG0000(JUN	protein_co chr1	58780788	58784327	-	28.42	33.05
ENSG0000(CSTF2T	protein_co chr10	51695487	51699591	-	9.44	9.66
ENSG0000(PGBD5	protein_co chr1	2.3E+08	2.3E+08	-	0.14	0.12
ENSG0000(C12orf54	protein_co chr12	48482503	48496512	+	1.73	1.37
ENSG0000(GBA	protein_co chr1	1.55E+08	1.55E+08	-	129.53	122.87
ENSG0000(CASC2	antisense chr10	1.18E+08	1.18E+08	+	0.83	0.71
ENSG0000(ACAD9	protein_co chr3	1.29E+08	1.29E+08	+	13.71	14.7
ENSG0000(IL17RA	protein_co chr22	17084954	17115694	+	12.26	10.64
ENSG0000(PNPLA2	protein_co chr11	818902	825573	+	51.46	47.31
ENSG0000(MBOAT4	protein_co chr8	30131824	30144686	-	0	0
ENSG0000(TEX44	protein_co chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(AGTRAP	protein_co chr1	11736084	11754802	+	59.79	54.86

ENSG0000(CD163L1	protein_co chr12	7346685	7479897 -	0.18	0.22
ENSG0000(SRRM3	protein_co chr7	76201900	76287288 +	0.82	0.79
ENSG0000(THAP5	protein_co chr7	1.09E+08	1.09E+08 -	4.38	5.58
ENSG0000(DEFB114	protein_co chr6	49960249	49964105 -	0	0
ENSG0000(CRACR2B	protein_co chr11	826144	831991 +	0.38	0.82
ENSG0000(SUMO4	protein_co chr6	1.49E+08	1.49E+08 +	0	0.06
ENSG0000(MAGEB10	protein_co chrX	27807990	27823014 +	0	0.03
ENSG0000(DNAJC28	protein_co chr21	33485530	33491720 -	0.75	1.42
ENSG0000(OR4F4	protein_co chr15	1.02E+08	1.02E+08 -	0	0
ENSG0000(NAALADL2	protein_co chr3	1.74E+08	1.76E+08 +	5.94	5.33
ENSG0000(CD151	protein_co chr11	832843	839831 +	242.18	248.63
ENSG0000(RP11-16K1	antisense chr15	78978889	78985926 +	0	0
ENSG0000(POLR2L	protein_co chr11	837356	842545 -	201.09	205.45
ENSG0000(FAM20C	protein_co chr7	192969	260745 +	37.18	30.49
ENSG0000(NECTIN3	protein_co chr3	1.11E+08	1.11E+08 +	19.38	15.53
ENSG0000(SLC35G5	protein_co chr8	11330888	11332208 +	0.09	0.05
ENSG0000(ANXA2R	protein_co chr5	43039081	43043170 -	0.83	1.12
ENSG0000(CTD-2530N	sense_ovei chr8	22169338	22171710 +	0	0
ENSG0000(TMEM94	protein_co chr17	75441159	75500090 +	15.72	19.99
ENSG0000(FLII	protein_co chr17	18244836	18258916 -	47.34	52.81
ENSG0000(SOX12	protein_co chr20	325595	330224 +	10.16	10.82
ENSG0000(HNRNPA0	protein_co chr5	1.38E+08	1.38E+08 -	13.6	14.61
ENSG0000(FXNP2	processed_ chr9	1.25E+08	1.25E+08 -	0.13	0
ENSG0000(CTD-2201E	sense_ovei chr5	43014414	43067419 -	2.94	0.57
ENSG0000(YIPF7	protein_co chr4	44622065	44678556 -	0	0
ENSG0000(FAM87B	lincRNA chr1	817371	819837 +	0.06	0.22
ENSG0000(CDKN2AIP1	processed_ chr1	2.26E+08	2.26E+08 -	0	0
ENSG0000(RPS2P2	processed_ chr14	74377818	74378418 -	0	0
ENSG0000(RP5-1061H	lincRNA chr1	2.29E+08	2.29E+08 -	1.04	0.79
ENSG0000(MYOZ1	protein_co chr10	73631654	73641757 -	0.04	0.12
ENSG0000(TMEM78	protein_co chr1	2.29E+08	2.29E+08 +	0	0.03
ENSG0000(RP11-606P	processed_ chr4	1.64E+08	1.64E+08 +	0	0
ENSG0000(KCNJ10	protein_co chr1	1.6E+08	1.6E+08 -	0	0
ENSG0000(AC108142.	antisense chr4	1.82E+08	1.82E+08 -	0	0.03
ENSG0000(CHID1	protein_co chr11	867860	915058 -	79.03	76.53
ENSG0000(PCDHB9	protein_co chr5	1.41E+08	1.41E+08 +	0.89	0.61
ENSG0000(ZNF620	protein_co chr3	40505992	40518736 +	0.33	0.24
ENSG0000(ZNF518A	protein_co chr10	96129715	96205288 +	2.42	2.47
ENSG0000(TMEM187	protein_co chrX	1.54E+08	1.54E+08 +	5.9	5.27
ENSG0000(CACYBPP2	processed_ chr2	1.84E+08	1.84E+08 -	0	0
ENSG0000(SVBP	protein_co chr1	42807052	42817252 -	15.63	15.15
ENSG0000(ZNF619	protein_co chr3	40477113	40490236 +	1.44	1.31
ENSG0000(CCDC184	protein_co chr12	48183584	48185926 +	0.26	0.34
ENSG0000(AP3S1	protein_co chr5	1.16E+08	1.16E+08 +	77.58	72.61
ENSG0000(GRB2	protein_co chr17	75318076	75405709 -	34.64	33.95

ENSG00000100000	ZBTB41	protein_co	chr1	1.97E+08	1.97E+08	-	1.79	2.15
ENSG00000100000	UBE2N	protein_co	chr12	93405673	93442262	-	25.75	26.75
ENSG00000100000	SPATA31C2	unprocessed	chr9	88129458	88138446	-	0	0
ENSG00000100000	ARL6IP6	protein_co	chr2	1.53E+08	1.53E+08	+	8.25	7.87
ENSG00000100000	ZNF354C	protein_co	chr5	1.79E+08	1.79E+08	+	2.02	1.72
ENSG00000100000	CAPZA3	protein_co	chr12	18738101	18739187	+	0	0
ENSG00000100000	MAMDC4	protein_co	chr9	1.37E+08	1.37E+08	+	1.68	2.43
ENSG00000100000	CENPBD1	protein_co	chr16	89969791	89972534	-	4.7	4.86
ENSG00000100000	ODF3	protein_co	chr11	196738	200261	+	0	0
ENSG00000100000	BET1L	protein_co	chr11	167784	207428	-	25.89	25.73
ENSG00000100000	RPS27	protein_co	chr1	1.54E+08	1.54E+08	+	2263.73	2269.54
ENSG00000100000	RIC8A	protein_co	chr11	207511	215113	+	43.76	45.48
ENSG00000100000	IMP3	protein_co	chr15	75639085	75648706	-	31.25	30.96
ENSG00000100000	ASB8	protein_co	chr12	48147788	48181213	-	13.89	16.06
ENSG00000100000	LCN15	protein_co	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000100000	ODF3B	protein_co	chr22	50529710	50532580	-	4.05	3.86
ENSG00000100000	DPY19L2	protein_co	chr12	63558913	63668939	-	2.81	4.36
ENSG00000100000	SPATA31E1	protein_co	chr9	87882826	87888899	+	0	0
ENSG00000100000	ZNRF3-AS1	antisense	chr22	29024999	29031476	-	0.35	0.49
ENSG00000100000	C2orf73	protein_co	chr2	54330034	54383742	+	0.13	0
ENSG00000100000	GPR150	protein_co	chr5	95620078	95622142	+	0.75	0.74
ENSG00000100000	TSPYL6	protein_co	chr2	54253184	54256272	-	0	0
ENSG00000100000	LRRC75B	protein_co	chr22	24585620	24593208	-	9.17	8.89
ENSG00000100000	DMAP1	protein_co	chr1	44213455	44220681	+	14.57	14.59
ENSG00000100000	ADAMTSL1	protein_co	chr9	17906563	18910950	+	6.46	7
ENSG00000100000	FAM26E	protein_co	chr6	1.17E+08	1.17E+08	+	5.37	5.06
ENSG00000100000	IMPDH2	protein_co	chr3	49024325	49029408	-	100.12	101.03
ENSG00000100000	ALS2CL	protein_co	chr3	46668997	46693704	-	0.48	0.36
ENSG00000100000	MLF1	protein_co	chr3	1.59E+08	1.59E+08	+	6.34	5.22
ENSG00000100000	PRSS42	protein_co	chr3	46829542	46834095	-	0	0
ENSG00000100000	NDUFAF3	protein_co	chr3	49020459	49023495	+	54.13	56.72
ENSG00000100000	C2orf69	protein_co	chr2	2E+08	2E+08	+	2.34	2.8
ENSG00000100000	GRAMD1C	protein_co	chr3	1.14E+08	1.14E+08	+	1.55	2.02
ENSG00000100000	STAP2	protein_co	chr19	4324043	4342786	-	5.16	3.02
ENSG00000100000	ULK4P3	transcribed	chr15	30103720	30131757	+	0.18	0.2
ENSG00000100000	TWF1P1	processed	chr17	29203426	29204474	-	0	0
ENSG00000100000	HTR3C	protein_co	chr3	1.84E+08	1.84E+08	+	0	0
ENSG00000100000	TSSK6	protein_co	chr19	19512418	19515685	-	1.59	1.82
ENSG00000100000	BOLA1	protein_co	chr1	1.5E+08	1.5E+08	+	6.63	8.91
ENSG00000100000	PDE4DIP	protein_co	chr1	1.49E+08	1.49E+08	+	97.53	106.6
ENSG00000100000	DDX10	protein_co	chr11	1.09E+08	1.09E+08	+	6.42	5.42
ENSG00000100000	RP11-998D	lincRNA	chr14	21108043	21116703	+	0	0
ENSG00000100000	GOLGA8Q	protein_co	chr15	30552078	30562501	+	0.73	0.5
ENSG00000100000	PPP1R42	protein_co	chr8	66964099	67056604	-	0	0
ENSG00000100000	NDUFV2	protein_co	chr18	9102630	9134345	+	63.37	64.73

ENSG0000(FAM27E5	lincRNA	chr17	22298691	22299893	+	0	0
ENSG0000(RP1-232L2	processed_chrX		1.02E+08	1.02E+08	-	0	0
ENSG0000(DALRD3	protein_co	chr3	49015488	49022293	-	14.27	14.56
ENSG0000(ZNF114	protein_co	chr19	48270102	48287608	+	0.38	0.17
ENSG0000(FAR2P2	transcribed	chr2	1.3E+08	1.3E+08	-	0.14	0.06
ENSG0000(ZNF518B	protein_co	chr4	10439874	10457410	-	6.25	5.65
ENSG0000(AMER3	protein_co	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(SPINK6	protein_co	chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(ZNF366	protein_co	chr5	72442652	72507727	-	0	0
ENSG0000(LCORL	protein_co	chr4	17841199	18021876	-	2.23	2.43
ENSG0000(PARD6G	protein_co	chr18	80157232	80247546	-	0.89	0.55
ENSG0000(ZNF454	protein_co	chr5	1.79E+08	1.79E+08	+	0.07	0.13
ENSG0000(SH2B1	protein_co	chr16	28846600	28874212	+	17.07	20.69
ENSG0000(RP4-682C2	antisense	chr1	75710003	75724011	-	0	0
ENSG0000(ZC3H12D	protein_co	chr6	1.49E+08	1.49E+08	-	0.08	0.02
ENSG0000(VN1R1	protein_co	chr19	57454790	57457142	-	0.05	0.23
ENSG0000(KDEL2	protein_co	chr11	1.08E+08	1.08E+08	-	14.74	12.43
ENSG0000(PLC	protein_co	chr8	1.44E+08	1.44E+08	-	33.22	35.43
ENSG0000(SH2D4B	protein_co	chr10	80537902	80646560	+	0	0
ENSG0000(RNF212	protein_co	chr4	1056250	1113562	-	0.81	1.52
ENSG0000(PRSS36	protein_co	chr16	31138925	31150094	-	1.12	0.67
ENSG0000(ZNF543	protein_co	chr19	57320509	57330776	+	1.12	1.11
ENSG0000(TMEM151	protein_co	chr6	44270466	44307506	+	0	0
ENSG0000(GALNT11	protein_co	chr7	1.52E+08	1.52E+08	+	16.07	15.46
ENSG0000(SLITRK1	protein_co	chr13	83877205	83882393	-	0	0
ENSG0000(C9orf62	lincRNA	chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(LINC01658	lincRNA	chr22	23462086	23486980	-	0	0
ENSG0000(WDR6	protein_co	chr3	49007062	49015953	+	61.45	60.89
ENSG0000(PRM3	protein_co	chr16	11273218	11273641	-	0	0
ENSG0000(TNP2	protein_co	chr16	11267748	11269533	-	0	0
ENSG0000(SPAG11A	protein_co	chr8	7847876	7868867	+	0	0
ENSG0000(GEN1	protein_co	chr2	17753858	17788941	+	1.38	2.04
ENSG0000(TMPRSS9	protein_co	chr19	2389771	2426239	+	0	0
ENSG0000(AQP11	protein_co	chr11	77589391	77610355	+	2.08	1.5
ENSG0000(TMEM11	protein_co	chr17	21197280	21214624	-	11.94	10.49
ENSG0000(ZNF354B	protein_co	chr5	1.79E+08	1.79E+08	+	4.81	5.94
ENSG0000(KCNG2	protein_co	chr18	79863668	79900184	+	0.07	0
ENSG0000(SHISA3	protein_co	chr4	42397839	42402487	+	0.2	0.44
ENSG0000(OR2D3	protein_co	chr11	6920974	6922043	+	0	0
ENSG0000(CALML3	protein_co	chr10	5524009	5526771	+	0	0
ENSG0000(CALML5	protein_co	chr10	5498697	5499555	-	0	0
ENSG0000(ZFAND2A	protein_co	chr7	1152071	1160759	-	15.15	12.79
ENSG0000(PLEKHM3	protein_co	chr2	2.08E+08	2.08E+08	-	2.09	2.18
ENSG0000(ZNF223	protein_co	chr19	44051367	44067991	+	2.25	1.3
ENSG0000(HTR1A	protein_co	chr5	63960356	63962507	-	0	0

ENSG00000100000	CCDC185	protein_co	chr1	2.23E+08	2.23E+08	+	0	0
ENSG00000100000	FAM220A	protein_co	chr7	6329409	6348981	-	7.1	10.32
ENSG00000100000	DNAJC22	protein_co	chr12	49346917	49357546	+	0.66	0.7
ENSG00000100000	NEUROG2	protein_co	chr4	1.13E+08	1.13E+08	-	0	0
ENSG00000100000	CEP295NL	protein_co	chr17	78870910	78903217	-	0.03	0.2
ENSG00000100000	BEND3	protein_co	chr6	1.07E+08	1.07E+08	-	0.29	0.33
ENSG00000100000	RP11-567M	lincRNA	chr18	79638928	79679745	-	0	0
ENSG00000100000	NT5DC1	protein_co	chr6	1.16E+08	1.16E+08	+	36.45	32.82
ENSG00000100000	RPS3AP5	processed	chr10	84560443	84561263	+	0	0.09
ENSG00000100000	LINC00843	lincRNA	chr10	49972763	49982053	+	0.47	0.31
ENSG00000100000	GLDC	protein_co	chr9	6532464	6645783	-	1.16	1.18
ENSG00000100000	COX14	protein_co	chr12	50111979	50120457	+	25.2	27.2
ENSG00000100000	LINC00314	lincRNA	chr21	28013363	28023233	+	0	0
ENSG00000100000	H3F3AP6	processed	chr4	1.4E+08	1.4E+08	-	0	0.35
ENSG00000100000	MCMDC2	protein_co	chr8	66870749	66922048	+	0.16	0.08
ENSG00000100000	TUBAL3	protein_co	chr10	5393098	5404830	-	0.27	0.23
ENSG00000100000	RPL10P16	processed	chr19	12643275	12643919	-	0	0
ENSG00000100000	P4HTM	protein_co	chr3	48989886	49007154	+	17.4	16.86
ENSG00000100000	UCN3	protein_co	chr10	5365009	5374692	+	0	0
ENSG00000100000	DTX3	protein_co	chr12	57604622	57609804	+	9.97	9.83
ENSG00000100000	KLHL11	protein_co	chr17	41853545	41865431	-	1.38	1.73
ENSG00000100000	NECAP1P1	processed	chr7	37585500	37586329	-	0	0
ENSG00000100000	AMBN	protein_co	chr4	70592256	70607288	+	0	0
ENSG00000100000	CTXN1	protein_co	chr19	7924485	7926166	-	8.37	12.04
ENSG00000100000	SLC25A20	protein_co	chr3	48856931	48898993	-	10.28	7.84
ENSG00000100000	CA8	protein_co	chr8	60187347	60281412	-	0	0
ENSG00000100000	CKS1BP6	processed	chrX	30617454	30617693	+	0	0
ENSG00000100000	CD28	protein_co	chr2	2.04E+08	2.04E+08	+	0.01	0.03
ENSG00000100000	EPM2AIP1	protein_co	chr3	36985043	36993168	-	5.68	6
ENSG00000100000	ERBB4	protein_co	chr2	2.11E+08	2.13E+08	-	0	0
ENSG00000100000	MAF	protein_co	chr16	79585843	79600714	-	0.1	0.03
ENSG00000100000	CTNBP1	protein_co	chr1	9848276	9910336	-	13.95	15.66
ENSG00000100000	OR6B3	protein_co	chr2	2.4E+08	2.4E+08	-	0	0
ENSG00000100000	DEFB125	protein_co	chr20	87250	97094	+	0	0
ENSG00000100000	GAPDHP29	processed	chr1	94302038	94303022	+	0	0
ENSG00000100000	PSAPL1	protein_co	chr4	7430294	7434973	-	0	0
ENSG00000100000	OTOS	protein_co	chr2	2.4E+08	2.4E+08	-	0	0
ENSG00000100000	GTPBP6	protein_co	chrX	304529	318819	-	7	7.25
ENSG00000100000	GTPBP6	protein_co	chrY	304529	318819	-	7	7.25
ENSG00000100000	ERN1	protein_co	chr17	64039142	64130819	-	6.69	6.55
ENSG00000100000	GPR35	protein_co	chr2	2.41E+08	2.41E+08	+	0.29	0.18
ENSG00000100000	ACTG1P1	processed	chr3	1.39E+08	1.39E+08	+	0	0
ENSG00000100000	RP11-455G	transcribed	chr4	1.19E+08	1.19E+08	-	0.08	0.42
ENSG00000100000	C10orf53	protein_co	chr10	49679651	49710261	+	0	0
ENSG00000100000	PPIAP33	processed	chr9	7597823	7598377	+	0.13	0

ENSG0000(ARMC10P1	processed_ chr3	94506766	94507620	-	0	0
ENSG0000(CSRNP3	protein_co chr2	1.65E+08	1.66E+08	+	0.01	0
ENSG0000(ZNF713	protein_co chr7	55887475	55942225	+	0.88	0.61
ENSG0000(PARP10	protein_co chr8	1.44E+08	1.44E+08	-	9.81	8.62
ENSG0000(DYNAP	protein_co chr18	54587757	54599493	+	0	0
ENSG0000(SUZ12	protein_co chr17	31937018	32001045	+	5.36	6.38
ENSG0000(NSUN3	protein_co chr3	94062916	94128545	+	2.66	3.92
ENSG0000(KCTD12	protein_co chr13	76880166	76886390	-	13.04	13.52
ENSG0000(DHFR2	protein_co chr3	94047836	94063389	-	4.14	3.94
ENSG0000(RP11-169K	processed_ chr1	15828232	15828669	+	0	0
ENSG0000(RPP25	protein_co chr15	74954416	74957464	-	9.57	11.11
ENSG0000(GRINA	protein_co chr8	1.44E+08	1.44E+08	+	121.95	119.97
ENSG0000(C5orf64	processed_ chr5	61637708	61751763	+	0.04	0
ENSG0000(GLULP4	processed_ chr9	34917175	34918296	+	0	0
ENSG0000(THBD	protein_co chr20	23045633	23049741	-	1.16	1.5
ENSG0000(GP5	protein_co chr3	1.94E+08	1.94E+08	-	0.12	0.03
ENSG0000(LMO7DN	protein_co chr13	75871038	75883811	+	0	0
ENSG0000(COX5A	protein_co chr15	74919791	74938168	-	70.46	68.56
ENSG0000(STX19	protein_co chr3	94014369	94028610	-	0	0
ENSG0000(ERFE	protein_co chr2	2.38E+08	2.38E+08	+	1.39	1.75
ENSG0000(FAM219B	protein_co chr15	74899987	74907121	-	22.31	24.26
ENSG0000(HIST1H2BP	unprocessε chr6	25731782	25732091	-	0	0
ENSG0000(ZHX2	protein_co chr8	1.23E+08	1.23E+08	+	21.44	19.62
ENSG0000(CPN2	protein_co chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(CPNE7	protein_co chr16	89575768	89597246	+	3.6	5.7
ENSG0000(C5orf46	protein_co chr5	1.48E+08	1.48E+08	-	2.72	2.62
ENSG0000(CD300LB	protein_co chr17	74521174	74531474	-	0	0
ENSG0000(GDPD4	protein_co chr11	77216558	77301687	-	0	0
ENSG0000(RIIAD1	protein_co chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(MPI	protein_co chr15	74890005	74902219	+	25.87	22.52
ENSG0000(ADORA2A-	antisense chr22	24429206	24495074	-	0	0
ENSG0000(H1FOO	protein_co chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(TRIM73	protein_co chr7	75395063	75410996	+	1.69	1.21
ENSG0000(OPLAH	protein_co chr8	1.44E+08	1.44E+08	-	1.86	1.47
ENSG0000(TMEM52	protein_co chr1	1917590	1919273	-	0.64	0.33
ENSG0000(TMEM139	protein_co chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RNF186	protein_co chr1	19814029	19815278	-	0	0
ENSG0000(AC114812.	transcribec chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(EFCAB13	protein_co chr17	47323290	47441312	+	0.79	0.83
ENSG0000(MSC	protein_co chr8	71841549	71844468	-	29.3	33.14
ENSG0000(APOLD1	protein_co chr12	12725917	12829975	+	1.78	1.7
ENSG0000(RFLNA	protein_co chr12	1.24E+08	1.24E+08	+	0.22	0.03
ENSG0000(EXOSC4	protein_co chr8	1.44E+08	1.44E+08	+	9.08	9.45
ENSG0000(DPY19L3	protein_co chr19	32405543	32485895	+	15.64	9.63
ENSG0000(TAF7	protein_co chr5	1.41E+08	1.41E+08	-	30.14	29.29

ENSG0000(ZNF852	protein_co chr3	44498970	44510636	-	1.52	1.57
ENSG0000(FOXE1	protein_co chr9	97853254	97856715	+	0	0
ENSG0000(PFAS	protein_co chr17	8247618	8270491	+	3.95	5.5
ENSG0000(HYI	protein_co chr1	43451003	43453989	-	13.84	15.47
ENSG0000(C17orf62	protein_co chr17	82442589	82450829	-	33.22	33.43
ENSG0000(TPRX1	protein_co chr19	47801243	47819051	-	0	0
ENSG0000(LGALS7B	protein_co chr19	38789211	38791749	+	0	0
ENSG0000(ZNF552	protein_co chr19	57803841	57814913	-	1.65	1.65
ENSG0000(SMIM10L2	protein_co chrX	1.35E+08	1.35E+08	+	0.18	0.27
ENSG0000(GAK	protein_co chr4	849276	932373	-	19.98	19.41
ENSG0000(ZBTB7A	protein_co chr19	4044364	4066945	-	12.1	11.93
ENSG0000(TUFM	protein_co chr16	28842411	28846408	-	56.2	47.04
ENSG0000(ERICH3	protein_co chr1	74568111	74673738	-	0	0.03
ENSG0000(RMI1	protein_co chr9	83980711	84004074	+	2.72	2.05
ENSG0000(CTC1	protein_co chr17	8224821	8248044	-	4.79	4.91
ENSG0000(FBXO34	protein_co chr14	55271303	55361918	+	5.03	4.98
ENSG0000(LINC00324	lincRNA chr17	8220642	8224043	-	0.27	0.18
ENSG0000(SELENOW	protein_co chr19	47778572	47784686	+	64.93	80.16
ENSG0000(EIF3K	protein_co chr19	38619082	38636955	+	104.73	102.01
ENSG0000(MRFAP1L1	protein_co chr4	6707701	6709880	-	25.39	27.9
ENSG0000(SNX18	protein_co chr5	54517759	54546585	+	17.85	18.9
ENSG0000(EXD1	protein_co chr15	41182725	41230743	-	0.33	0.67
ENSG0000(AURKB	protein_co chr17	8204733	8210600	-	0.35	0.78
ENSG0000(TAS1R2	protein_co chr1	18839599	18859682	-	0	0
ENSG0000(C14orf39	protein_co chr14	60396469	60515543	-	0.04	0
ENSG0000(MRFAP1	protein_co chr4	6640091	6642745	+	148.65	144.25
ENSG0000(C3orf38	protein_co chr3	88149743	88168729	+	6.52	6.91
ENSG0000(KLHDC7A	protein_co chr1	18480982	18486126	+	0	0
ENSG0000(RP11-363G	lincRNA chrX	52199840	52203235	+	0	0
ENSG0000(TMEM107	protein_co chr17	8173237	8176399	-	10.85	8.87
ENSG0000(LLOXNC01-	processed_chrX	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-157K	transcribec chr11	67195569	67197167	-	0	0
ENSG0000(RRS1	protein_co chr8	66429028	66430733	+	4.94	7
ENSG0000(EXOC3L1	protein_co chr16	67184366	67190204	-	0.17	0.26
ENSG0000(TRIML2	protein_co chr4	1.88E+08	1.88E+08	-	0.03	0
ENSG0000(RCC2	protein_co chr1	17406760	17439724	-	20.19	21.87
ENSG0000(OR13D1	protein_co chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(IGSF22	protein_co chr11	18704305	18726230	-	0.14	0
ENSG0000(C9orf50	protein_co chr9	1.3E+08	1.3E+08	-	0.18	0.15
ENSG0000(ZFP42	protein_co chr4	1.88E+08	1.88E+08	+	0.02	0.03
ENSG0000(CTD-2527I	lincRNA chr19	35105969	35107318	+	0	0
ENSG0000(CCDC89	protein_co chr11	85684866	85686277	-	2.09	1.76
ENSG0000(TAAR3P	transcribec chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(C9orf106	lincRNA chr9	1.29E+08	1.29E+08	+	0.17	0.25
ENSG0000(FAM133A	protein_co chrX	93674013	93712274	+	0.02	0.02

ENSG00000100000	DPM3	protein_co	chr1	1.55E+08	1.55E+08	-	20.86	21.32
ENSG00000100000	C12orf42	protein_co	chr12	1.03E+08	1.03E+08	-	0	0
ENSG00000100000	CYC1	protein_co	chr8	1.44E+08	1.44E+08	+	30.52	31.97
ENSG00000100000	PER1	protein_co	chr17	8140472	8156506	-	10.1	7.25
ENSG00000100000	HTR1F	protein_co	chr3	87990696	87993835	+	0.03	0.08
ENSG00000100000	RP11-349N	processed	chrX	1.24E+08	1.24E+08	+	0	0
ENSG00000100000	TMTC2	protein_co	chr12	82686880	83134870	+	7.9	7.57
ENSG00000100000	HES7	protein_co	chr17	8120590	8124092	-	0	0.33
ENSG00000100000	FARSA	protein_co	chr19	12922479	12934037	-	22.66	20.17
ENSG00000100000	SPTY2D1	protein_co	chr11	18606401	18634791	-	6.04	5.76
ENSG00000100000	RP11-458F	processed	chr7	66914581	66914943	+	0	0
ENSG00000100000	C10orf67	protein_co	chr10	23201916	23344845	-	0	0
ENSG00000100000	SAMD4B	protein_co	chr19	39342396	39385710	+	71.33	66.27
ENSG00000100000	LINC00670	lincRNA	chr17	12549782	12642854	+	0.02	0
ENSG00000100000	MTUS2-AS1	antisense	chr13	29476515	29490105	-	0	0
ENSG00000100000	CYP11B2	protein_co	chr8	1.43E+08	1.43E+08	-	0	0
ENSG00000100000	GIMAP7	protein_co	chr7	1.51E+08	1.51E+08	+	0	0
ENSG00000100000	ALOXE3	protein_co	chr17	8095900	8119047	-	0	0.09
ENSG00000100000	EDC3	protein_co	chr15	74630558	74696292	-	10	10.95
ENSG00000100000	TCAIM	protein_co	chr3	44338119	44409451	+	7.47	6.87
ENSG00000100000	RPS2P28	processed	chr6	43363479	43364219	+	0	0.1
ENSG00000100000	FUCA1	protein_co	chr1	23845077	23868294	-	12.14	14.08
ENSG00000100000	PXT1	protein_co	chr6	36390551	36442889	-	0	0
ENSG00000100000	GGN	protein_co	chr19	38384265	38388082	-	1.02	0.9
ENSG00000100000	OR7E97P	unprocess	chr3	1.26E+08	1.26E+08	+	0	0
ENSG00000100000	HNRNPCL1	protein_co	chr1	12847408	12848725	-	0	0
ENSG00000100000	TMEM125	protein_co	chr1	43269994	43274002	+	0	0
ENSG00000100000	ZNF664	protein_co	chr12	1.24E+08	1.24E+08	+	30.86	31.52
ENSG00000100000	SIGLECL1	protein_co	chr19	51246348	51269330	+	0	0
ENSG00000100000	CALR	protein_co	chr19	12938578	12944489	+	560.37	526.86
ENSG00000100000	LINC00311	lincRNA	chr16	85282958	85285963	+	0.02	0.12
ENSG00000100000	MAGED1	protein_co	chrX	51803007	51902357	+	168.04	163.74
ENSG00000100000	RP11-111N	protein_co	chr11	76381313	76414619	+	1.89	1.54
ENSG00000100000	LDLRAD3	protein_co	chr11	35943981	36232136	+	4	4.11
ENSG00000100000	CDH4	protein_co	chr20	61252426	61940617	+	0.28	0.08
ENSG00000100000	RP11-429E	antisense	chr20	61717506	61719748	-	0	0
ENSG00000100000	SMCO3	protein_co	chr12	14804650	14814182	-	0.08	0.17
ENSG00000100000	RAD23A	protein_co	chr19	12945855	12953642	+	31.19	33.38
ENSG00000100000	C2orf71	protein_co	chr2	29060976	29074261	-	0	0
ENSG00000100000	GADD45G1	protein_co	chr19	12953119	12957236	-	18.3	15.75
ENSG00000100000	MEIS3P1	processed	chr17	15786618	15787575	+	4.72	5.84
ENSG00000100000	DAND5	protein_co	chr19	12965159	12974762	+	0.05	0.04
ENSG00000100000	TMEM151	protein_co	chr11	66291870	66296664	+	0.09	0.09
ENSG00000100000	PTPN11	protein_co	chr12	1.12E+08	1.13E+08	+	36.97	32.88
ENSG00000100000	NSUN7	protein_co	chr4	40749897	40809985	+	0	0

ENSG0000(ZCCHC5	protein_co chrX	78656069	78659328	-	0.43	0.11
ENSG0000(FAM156B	protein_co chrX	52891306	52908560	+	2	3.78
ENSG0000(WSCD1	protein_co chr17	5772234	6124427	+	0.31	0.08
ENSG0000(RAB39A	protein_co chr11	1.08E+08	1.08E+08	+	0	0
ENSG0000(CLK3	protein_co chr15	74598500	74645414	+	27.72	28.66
ENSG0000(GS1-124K5	processed_chr7	66505155	66506223	-	0.11	0
ENSG0000(HLA-DQB1	protein_co chr6	32659467	32668383	-	0	0
ENSG0000(GATA2	protein_co chr3	1.28E+08	1.28E+08	-	2.61	3.2
ENSG0000(ARID3B	protein_co chr15	74541177	74598131	+	0.56	0.66
ENSG0000(HMGN2P4	transcribed chr15	45511136	45586290	+	0.1	0.03
ENSG0000(TMEM31	protein_co chrX	1.04E+08	1.04E+08	+	0	0
ENSG0000(PACS2	protein_co chr14	1.05E+08	1.05E+08	+	24.98	23.76
ENSG0000(OR4K11P	processed_chr21	13544282	13545185	-	0	0
ENSG0000(ELMOD2	protein_co chr4	1.41E+08	1.41E+08	+	9.89	8.19
ENSG0000(EGR3	protein_co chr8	22687659	22693302	-	2.02	4.23
ENSG0000(C1orf101	protein_co chr1	2.44E+08	2.45E+08	+	0.9	1.01
ENSG0000(GPC5	protein_co chr13	91398607	92873682	+	0	0.02
ENSG0000(VWA1	protein_co chr1	1434861	1442882	+	9.86	8.4
ENSG0000(LINC00174	processed_chr7	66376044	66493566	-	7.67	5.93
ENSG0000(DNAJB8	protein_co chr3	1.28E+08	1.28E+08	-	0	0
ENSG0000(GEMIN4	protein_co chr17	744414	753999	-	6.46	7.48
ENSG0000(HNRNPCL4	protein_co chr1	13164586	13165467	-	0	0
ENSG0000(OR6W1P	transcribed chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(AC073072.	antisense chr7	22725395	22727620	-	0.13	0.09
ENSG0000(FJX1	protein_co chr11	35618419	35620868	+	6.83	5.63
ENSG0000(OR13C6P	unprocessed chr9	35991336	35992285	-	0	0
ENSG0000(RP5-1027G	antisense chr20	19242302	19284596	-	0	0
ENSG0000(LINC01699	lincRNA chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(KLHL28	protein_co chr14	44924319	45042322	-	3.46	2.7
ENSG0000(MKRN3	protein_co chr15	23565678	23630075	+	0	0
ENSG0000(ZBTB18	protein_co chr1	2.44E+08	2.44E+08	+	1.85	2.05
ENSG0000(EEF1A1P27	processed_chr7	20582072	20583206	+	0	0
ENSG0000(OR9A2	protein_co chr7	1.43E+08	1.43E+08	-	0.06	0
ENSG0000(C14orf28	protein_co chr14	44897295	44907257	+	3.27	3.3
ENSG0000(ALOX12B	protein_co chr17	8072636	8087703	-	0.07	0
ENSG0000(SLC17A8	protein_co chr12	1E+08	1E+08	+	0	0
ENSG0000(EIF3J-AS1	lincRNA chr15	44527257	44536923	-	4.08	2.34
ENSG0000(SHARPIN	protein_co chr8	1.44E+08	1.44E+08	-	25.02	24.49
ENSG0000(LBX2	protein_co chr2	74497517	74503316	-	2.8	3.47
ENSG0000(DNHD1	protein_co chr11	6497260	6593758	+	1.77	2.68
ENSG0000(SLITRK4	protein_co chrX	1.44E+08	1.44E+08	-	3.33	2.77
ENSG0000(HTR1D	protein_co chr1	23191895	23194729	-	0	0
ENSG0000(GCC1	protein_co chr7	1.28E+08	1.28E+08	-	9.04	8.35
ENSG0000(LSMEM2	protein_co chr3	50279027	50288114	+	0	0
ENSG0000(NBPF17P	unprocessed chr1	1.44E+08	1.44E+08	-	0	0

ENSG0000(KB-1552D7)	sense_intron	chr8	1.04E+08	1.04E+08	-	0	0
ENSG0000(RNF151)	protein_coding	chr16	1966823	1968975	+	0	0
ENSG0000(CIITA)	protein_coding	chr16	10866222	10932281	+	0.01	0.04
ENSG0000(ZFPM1)	protein_coding	chr16	88453317	88537016	+	3.61	3.6
ENSG0000(ALOX15B)	protein_coding	chr17	8039017	8049134	+	0.71	0.83
ENSG0000(PLD6)	protein_coding	chr17	17200995	17206315	-	0.89	0.84
ENSG0000(GPHB5)	protein_coding	chr14	63312835	63318879	-	0	0
ENSG0000(GRM8)	protein_coding	chr7	1.26E+08	1.27E+08	-	0	0
ENSG0000(CDC42EP4)	protein_coding	chr17	73283624	73312175	-	22.12	22.83
ENSG0000(DGKZP1)	processed_transcript	chr13	43968424	43971199	+	0	0
ENSG0000(OR2AP1)	protein_coding	chr12	55574415	55575344	+	0	0
ENSG0000(OR6C4)	protein_coding	chr12	55551199	55552244	+	0	0
ENSG0000(ZBTB42)	protein_coding	chr14	1.05E+08	1.05E+08	+	1.44	2.04
ENSG0000(LACC1)	protein_coding	chr13	43879284	43893932	+	20.44	18.16
ENSG0000(MAF1)	protein_coding	chr8	1.44E+08	1.44E+08	+	54.26	53.44
ENSG0000(TPPP2)	protein_coding	chr14	21024109	21036276	+	0	0
ENSG0000(FCER1A)	protein_coding	chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(RPRML)	protein_coding	chr17	46978156	46979248	-	0	0
ENSG0000(ARL14)	protein_coding	chr3	1.61E+08	1.61E+08	+	0	0
ENSG0000(LINC00305)	lincRNA	chr18	64080009	64149030	-	0	0
ENSG0000(OR6C2)	protein_coding	chr12	55452214	55453152	+	0	0
ENSG0000(WDR97)	protein_coding	chr8	1.44E+08	1.44E+08	+	0.07	0.12
ENSG0000(NLRP8)	protein_coding	chr19	55947832	55988629	+	0	0
ENSG0000(PCED1B)	protein_coding	chr12	47079603	47236662	+	1.81	1.43
ENSG0000(FLJ37453)	antisense	chr1	15834474	15848147	-	1.04	0.95
ENSG0000(APOBEC3B)	protein_coding	chr22	38982347	38992804	+	0.39	0.23
ENSG0000(SYCN)	protein_coding	chr19	39202831	39204266	-	0	0
ENSG0000(CTD-2144E)	lincRNA	chr16	35021749	35024229	+	0	0
ENSG0000(PIPOX)	protein_coding	chr17	28950513	29057220	+	0.61	0.34
ENSG0000(ATP8B5P)	transcribed	chr9	35406755	35483035	+	0	0
ENSG0000(FOXS1)	protein_coding	chr20	31844301	31845619	-	0	0.1
ENSG0000(ATOX1A)	protein_coding	chr10	68230624	68232103	-	0	0
ENSG0000(CDH5)	protein_coding	chr16	66366622	66404786	+	6.8	7.51
ENSG0000(LRRC3B)	protein_coding	chr3	26622806	26710776	+	0	0
ENSG0000(OR7E22P)	unprocessed	chr3	75356516	75357503	-	0	0
ENSG0000(FAM216B)	protein_coding	chr13	42781550	42791549	+	0	0.02
ENSG0000(MRGPRX4)	protein_coding	chr11	18172837	18174280	+	0	0
ENSG0000(PCBP1-AS1)	processed_transcript	chr2	69962263	70103220	-	13.96	10.5
ENSG0000(MYADM)	protein_coding	chr19	53866223	53876437	+	78.93	75.98
ENSG0000(MRGPRX3)	protein_coding	chr11	18120955	18138480	+	0.1	0.05
ENSG0000(MROH1)	protein_coding	chr8	1.44E+08	1.44E+08	+	7.78	8.48
ENSG0000(SERTAD2)	protein_coding	chr2	64631621	64751005	-	12.99	14.16
ENSG0000(PIK3CD-AS)	antisense	chr1	9652610	9654586	-	0	0
ENSG0000(AKAP5)	protein_coding	chr14	64465499	64474503	+	0.17	0.23
ENSG0000(NKPD1)	protein_coding	chr19	45149750	45158737	-	0.06	0.13

ENSG0000(GIPC3	protein_co chr19	3585553	3593541	+	0.02	0.09
ENSG0000(AC025335	protein_co chr17	7913324	7916276	-	3.43	1.86
ENSG0000(CITED4	protein_co chr1	40861051	40862366	-	0.93	1.17
ENSG0000(ABCA13	protein_co chr7	48171458	48647496	+	0.2	0.01
ENSG0000(NLRP11	protein_co chr19	55785397	55836800	-	0	0.08
ENSG0000(TIGD5	protein_co chr8	1.44E+08	1.44E+08	+	2.17	1.94
ENSG0000(PDXDC1	protein_co chr16	14974591	15139339	+	26.17	26.49
ENSG0000(PHC1P1	processed_ chr12	55411727	55414787	-	0	0
ENSG0000(C1orf194	protein_co chr1	1.09E+08	1.09E+08	-	0	0
ENSG0000(ZNF154	protein_co chr19	57697367	57709194	-	1	1.65
ENSG0000(R3HDM2	protein_co chr12	57253762	57431005	-	19.3	23.16
ENSG0000(B3GNT3	protein_co chr19	17794828	17813082	+	0	0
ENSG0000(ITLN1	protein_co chr1	1.61E+08	1.61E+08	-	0.13	0.72
ENSG0000(NRXN1	protein_co chr2	49918505	51225575	-	0	0
ENSG0000(SEPHS2	protein_co chr16	30443631	30446181	-	21.62	21.52
ENSG0000(OR10A7	protein_co chr12	55221025	55221975	+	0	0
ENSG0000(GPBAR1	protein_co chr2	2.18E+08	2.18E+08	+	0.04	0.16
ENSG0000(ZNF784	protein_co chr19	55620742	55624601	-	3.09	2.88
ENSG0000(ZNF648	protein_co chr1	1.82E+08	1.82E+08	-	0	0
ENSG0000(C14orf119	protein_co chr14	23094765	23100462	+	49.53	50.27
ENSG0000(CCR8	protein_co chr3	39329706	39333511	+	0	0
ENSG0000(LINC00652	lincRNA chr20	18786065	18794335	-	0.1	0.07
ENSG0000(GOLGA8J	protein_co chr15	30083053	30093499	+	0	0
ENSG0000(BBS10	protein_co chr12	76344474	76348442	-	4.78	5.4
ENSG0000(FIZ1	protein_co chr19	55591371	55601970	-	3.9	4.87
ENSG0000(PUF60	protein_co chr8	1.44E+08	1.44E+08	-	39.3	41.24
ENSG0000(SSC5D	protein_co chr19	55488404	55519098	+	55.92	61.13
ENSG0000(DCTPP1	protein_co chr16	30423619	30430075	-	9.12	10.98
ENSG0000(ZNF771	protein_co chr16	30407297	30431108	+	4.3	4.69
ENSG0000(PPP1R14B	processed_ chr4	1.39E+08	1.39E+08	-	0.63	0.65
ENSG0000(RP11-1319	unprocessε chr5	70094659	70128434	-	0.46	0.44
ENSG0000(CRIPAK	protein_co chr4	1391552	1395989	+	1.68	1.65
ENSG0000(TSHZ1	protein_co chr18	75210755	75289950	+	4.98	5.51
ENSG0000(PSTK	protein_co chr10	1.23E+08	1.23E+08	+	1.92	2.03
ENSG0000(SPDYE7P	transcribec chr7	72862757	72870510	-	0	0
ENSG0000(AC010894	processed_ chr2	1.75E+08	1.75E+08	+	0	0
ENSG0000(SOCS4	protein_co chr14	55027230	55049488	+	2.59	4.1
ENSG0000(ZADH2	protein_co chr18	75195108	75209348	-	13	10.44
ENSG0000(RP11-756P	processed_ chr4	1.89E+08	1.89E+08	+	1.09	0.95
ENSG0000(OR1E1	protein_co chr17	3397104	3398410	-	0	0
ENSG0000(AC079741	processed_ chr7	1.12E+08	1.12E+08	-	0	0
ENSG0000(ZNF48	protein_co chr16	30378106	30400108	+	2.73	2.8
ENSG0000(OR1R1P	unprocessε chr17	3385930	3386833	+	0	0
ENSG0000(FAM71E2	protein_co chr19	55354908	55363260	-	0	0
ENSG0000(C3orf80	protein_co chr3	1.6E+08	1.6E+08	+	0.43	0.53

ENSG0000(NKX2-6	protein_co chr8	23702451	23706598	-	0	0
ENSG0000(TMEM150)	protein_co chr19	55312801	55334048	-	0	0
ENSG0000(C10orf91	lincRNA chr10	1.32E+08	1.32E+08	+	0	0
ENSG0000(OR3A4P	transcribec chr17	3310312	3311189	+	0	0
ENSG0000(ANKRD18A	protein_co chr9	38571358	38620660	-	0.26	0.98
ENSG0000(WFDC11	protein_co chr20	45648563	45670270	-	0	0
ENSG0000(TMEM86B	protein_co chr19	55226639	55229264	-	0.47	1.09
ENSG0000(OR3A1	protein_co chr17	3291635	3292600	-	0	0
ENSG0000(1-Sep	protein_co chr16	30378133	30395991	-	0.69	1
ENSG0000(TRNAU1AP	protein_co chr1	28553085	28578545	+	17.51	14.58
ENSG0000(EXOC3	protein_co chr5	443158	471937	+	17.12	17.7
ENSG0000(AC017081.	processed_chr2	2.06E+08	2.06E+08	-	0	0
ENSG0000(TDRD6	protein_co chr6	46687875	46704319	+	0.02	0.03
ENSG0000(C12orf40	protein_co chr12	39626167	39908300	+	0	0
ENSG0000(CSNK1A1L	protein_co chr13	37103259	37105664	-	0	0
ENSG0000(ACTA2-AS1	antisense chr10	88932390	88940820	+	0.52	0.1
ENSG0000(HMGN2P9	processed_chr22	43802544	43802772	+	0	0
ENSG0000(XIAPP3	processed_chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(LYNX1	protein_co chr8	1.43E+08	1.43E+08	-	21.03	21.07
ENSG0000(RPS12P23	processed_chr13	21094315	21094714	-	0	0
ENSG0000(TH	protein_co chr11	2163929	2171877	-	0	0.04
ENSG0000(FAR2P1	transcribec chr2	1.3E+08	1.3E+08	-	0.03	0.02
ENSG0000(MED14	protein_co chrX	40648306	40735858	-	10.96	11.11
ENSG0000(FAHD1	protein_co chr16	1826941	1840207	+	18.57	16.04
ENSG0000(HMGB1P14	processed_chr14	58284773	58285363	+	0	0
ENSG0000(TDRP	protein_co chr8	489792	545781	-	0.19	0.22
ENSG0000(RCC1	protein_co chr1	28505943	28539300	+	17.97	18.03
ENSG0000(WFDC9	protein_co chr20	45607939	45631268	-	0	0
ENSG0000(MYLPF	protein_co chr16	30370934	30377991	+	0	0
ENSG0000(F2	protein_co chr11	46719180	46739506	+	0.23	0
ENSG0000(RP1-278E1	processed_chr6	39958414	39958833	-	0	0
ENSG0000(FAM71C	protein_co chr12	99647753	99650046	+	0	0
ENSG0000(TPT1P10	processed_chr10	58212541	58213036	-	0	0
ENSG0000(PRKRA	protein_co chr2	1.78E+08	1.78E+08	-	19	17.51
ENSG0000(HERC2P3	transcribec chr15	20379495	20506180	-	10.34	13.35
ENSG0000(NACAP2	processed_chr10	1.2E+08	1.2E+08	-	0	0
ENSG0000(ZNRF2	protein_co chr7	30284307	30367692	+	1.55	1.95
ENSG0000(RRH	protein_co chr4	1.1E+08	1.1E+08	+	0	0
ENSG0000(SLC9A4	protein_co chr2	1.02E+08	1.03E+08	+	0.61	0.36
ENSG0000(ZNF816	protein_co chr19	52949379	52962911	-	2.56	1.49
ENSG0000(PRNT	protein_co chr20	4731282	4740668	-	0	0
ENSG0000(FGD6	protein_co chr12	95076749	95217482	-	2.61	3.12
ENSG0000(ADGRD2	protein_co chr9	1.24E+08	1.24E+08	+	0	0.03
ENSG0000(GPR139	protein_co chr16	20031485	20073917	-	0	0
ENSG0000(LINC01869	lincRNA chr19	50808874	50818880	+	0.08	0

ENSG000001055C	processed_chrX	1.04E+08	1.04E+08	-	0	0
ENSG000001PLD5	protein_co chr1	2.42E+08	2.43E+08	-	0	0
ENSG000001OAZ2	protein_co chr15	64687573	64703281	-	74.13	74.82
ENSG000001WFDC10A	protein_co chr20	45629526	45631196	+	0	0
ENSG000001PNPLA1	protein_co chr6	36243203	36312229	+	0.08	0.05
ENSG000001ALX1	protein_co chr12	85280107	85301784	+	0	0
ENSG000001CCDC43	protein_co chr17	44673069	44689779	-	6.95	8.32
ENSG000001KCTD4	protein_co chr13	45192853	45194717	-	0.06	0.03
ENSG000001MEIOC	protein_co chr17	44656404	44690308	+	0.05	0.06
ENSG000001FZD2	protein_co chr17	44557459	44559570	+	17.73	21.06
ENSG000001TIGD2	protein_co chr4	89111500	89114899	+	2.05	1.93
ENSG000001CCDC129	protein_co chr7	31514071	31658720	+	0	0
ENSG000001HCLS1	protein_co chr3	1.22E+08	1.22E+08	-	0.67	0.27
ENSG000001MTURN	protein_co chr7	30134810	30162762	+	16.16	14.36
ENSG000001ZNF609	protein_co chr15	64460742	64686068	+	14.52	13.93
ENSG000001PAK2	protein_co chr3	1.97E+08	1.97E+08	+	16.83	18.71
ENSG000001CCDC66	protein_co chr3	56557161	56621818	+	3.24	4.37
ENSG000001DEFB124	protein_co chr20	31465506	31476757	-	0	0
ENSG000001EMC3-AS1	transcribed chr3	9986893	10006990	+	0.2	1.08
ENSG000001KRTAP9-7	protein_co chr17	41275659	41276697	+	0	0
ENSG000001ATP5EP2	protein_co chr13	27945206	27945590	+	0	0
ENSG000001MCFD2	protein_co chr2	46901870	46941855	-	51.62	44.73
ENSG000001OR10AA1P	unprocessed chr1	1.59E+08	1.59E+08	-	0	0
ENSG000001LINC00304	lincRNA chr16	89159146	89164245	+	0.58	0.36
ENSG000001HARBI1	protein_co chr11	46602861	46617909	-	2.55	2.2
ENSG000001DEFB123	protein_co chr20	31440519	31450257	+	0	0
ENSG000001C11orf71	protein_co chr11	1.14E+08	1.14E+08	-	1.66	1.64
ENSG000001CYP8B1	protein_co chr3	42856005	42876165	-	0	0
ENSG000001OR6K6	protein_co chr1	1.59E+08	1.59E+08	+	0	0
ENSG000001OR6K4P	unprocessed chr1	1.59E+08	1.59E+08	-	0	0
ENSG000001TPRXL	transcribed chr3	13937273	14082811	+	0.03	0
ENSG000001SERTM1	protein_co chr13	36673912	36697839	+	0	0
ENSG000001GAS1	protein_co chr9	86944363	86947189	-	32.51	30.31
ENSG000001ARHGAP45	protein_co chr19	1065923	1086628	+	1.39	1.44
ENSG000001CTD-3064H	antisense chr19	37545470	37549171	-	0.02	0.04
ENSG000001OR10Q1	protein_co chr11	58227882	58228918	-	0	0
ENSG000001ZNF571	protein_co chr19	37554782	37594790	-	1.29	1.14
ENSG000001GLIPR1L2	protein_co chr12	75391070	75432688	+	0.73	0.79
ENSG000001DEFB119	protein_co chr20	31377164	31390603	-	0	0
ENSG000001MIGA1	protein_co chr1	77779624	77879539	+	4.01	3.2
ENSG000001KCNE1	protein_co chr21	34446688	34512275	-	0.1	0
ENSG000001PRR26	protein_co chr10	649948	669581	+	0.11	0.06
ENSG000001NRIP1	protein_co chr21	14961235	15065936	-	5.87	6.3
ENSG000001ZSCAN4	protein_co chr19	57668935	57679152	+	0.03	0.22
ENSG000001BHLHA15	protein_co chr7	98211427	98212979	+	0	0

ENSG0000(RNF182	protein_co chr6	13924446	13980302	+	0.74	0.13
ENSG0000(C9orf139	antisense chr9	1.37E+08	1.37E+08	+	0.01	0
ENSG0000(TSPYL5	protein_co chr8	97273474	97277964	-	3.06	2.75
ENSG0000(FUT7	protein_co chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(HIST1H2AC	protein_co chr6	26124145	26139116	+	9.7	8.35
ENSG0000(EIF2S3L	protein_co chr12	10505602	10523135	+	0	0.06
ENSG0000(SRP9P1	processed_chr10	91807179	91807439	-	36.63	28.85
ENSG0000(SKIDA1	protein_co chr10	21513478	21526368	-	0.26	0.31
ENSG0000(HIST1H2BC	protein_co chr6	26114873	26123926	-	1.43	1.09
ENSG0000(ZBTB12BP	processed_chr4	39770081	39771371	-	0	0
ENSG0000(MB21D2	protein_co chr3	1.93E+08	1.93E+08	-	2.14	1.93
ENSG0000(GSX2	protein_co chr4	54099523	54102505	+	0	0
ENSG0000(SSTR2	protein_co chr17	73165012	73176633	+	0.07	0.17
ENSG0000(ZNF594	protein_co chr17	5179536	5191883	-	2.63	2.73
ENSG0000(PCGF5	protein_co chr10	91163012	91284331	+	10.74	9.98
ENSG0000(SLC47A2	protein_co chr17	19678288	19718979	-	0	0
ENSG0000(PRF1	protein_co chr10	70597348	70602775	-	0.02	0
ENSG0000(OR2A4	protein_co chr6	1.32E+08	1.32E+08	-	0	0
ENSG0000(MAB21L1	protein_co chr13	35474182	35477209	-	0	0
ENSG0000(RPL21P8	processed_chr14	65467807	65468341	-	0	0
ENSG0000(VN1R3	unitary_psi chr16	31807926	31808844	-	0	0
ENSG0000(YOD1	protein_co chr1	2.07E+08	2.07E+08	-	1.06	1
ENSG0000(EXOC5P1	processed_chr4	62816826	62818794	+	0	0
ENSG0000(TMEM64	protein_co chr8	90621995	90791632	-	8.19	8.7
ENSG0000(C3orf22	protein_co chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(OR10K2	protein_co chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-290F	lincRNA chr4	1.84E+08	1.84E+08	-	0.03	0.16
ENSG0000(OR5AZ1P	unprocessε chr11	57917297	57918239	-	0	0
ENSG0000(CHR4	protein_co chr11	46385098	46386608	-	0.11	0
ENSG0000(OR51A9P	unitary_psi chr11	4660853	4661763	-	0	0
ENSG0000(SHISA2	protein_co chr13	26044597	26051031	-	0	0
ENSG0000(S1PR5	protein_co chr19	10512742	10517931	-	0	0.03
ENSG0000(CLRN3	protein_co chr10	1.28E+08	1.28E+08	-	0	0
ENSG0000(SMG1P3	transcribed chr16	21446683	21520444	-	6.64	6.8
ENSG0000(GPR157	protein_co chr1	9100305	9129170	-	0.57	1.88
ENSG0000(PIPSL	transcribed chr10	93958191	93961540	-	0.05	0.04
ENSG0000(CHST13	protein_co chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(WDFY3-AS	processed_chr4	84965682	85011277	+	1.28	0.85
ENSG0000(OR7E129P	unprocessε chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(AGTR2	protein_co chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(SLC36A4	protein_co chr11	93144171	93197964	-	6.49	5.98
ENSG0000(ZDHHC20	protein_co chr13	21372573	21459370	-	18.71	18.29
ENSG0000(ANKRD30B	protein_co chr18	14728272	14852738	+	0.03	0.11
ENSG0000(OR51E1	protein_co chr11	4643420	4655488	+	0	0
ENSG0000(ZFP3	protein_co chr17	5078248	5096374	+	0.53	0.46

ENSG0000(ARSJ	protein_co chr4	1.14E+08	1.14E+08 -	3.29	4.18
ENSG0000(RP11-467D	processed_chr13	25863250	25863667 -	0	0
ENSG0000(HOXC9	protein_co chr12	53994895	54003337 +	0.97	0.38
ENSG0000(MAP3K15	protein_co chrX	19360056	19515261 -	0.01	0
ENSG0000(PPA1	protein_co chr10	70202830	70233911 -	39.78	34.32
ENSG0000(HOXC10	protein_co chr12	53985065	53990279 +	0	0
ENSG0000(PSMG4	protein_co chr6	3231403	3303373 +	7.59	8.54
ENSG0000(BHLHE22	protein_co chr8	64580367	64583628 +	0	0
ENSG0000(MAP6D1	protein_co chr3	1.84E+08	1.84E+08 -	0.97	1.07
ENSG0000(CSNK1G2-/-	antisense chr19	1952531	1954586 -	0	0
ENSG0000(ZNF443	protein_co chr19	12429707	12441112 -	0.74	0.87
ENSG0000(LINC01559	lincRNA chr12	13371089	13387167 -	0	0
ENSG0000(PDIA3P1	processed_chr1	1.47E+08	1.47E+08 +	1.13	1.13
ENSG0000(LINC01555	lincRNA chr1	84628230	84635020 -	0	0
ENSG0000(CXCR2	protein_co chr2	2.18E+08	2.18E+08 +	0	0
ENSG0000(DEFB112	protein_co chr6	50043575	50048651 -	0	0
ENSG0000(GREM2	protein_co chr1	2.4E+08	2.41E+08 -	1.52	1.63
ENSG0000(C11orf42	protein_co chr11	6205566	6211132 +	0	0
ENSG0000(SSR4	protein_co chrX	1.54E+08	1.54E+08 +	267.91	257.54
ENSG0000(CAPS2	protein_co chr12	75275979	75390928 -	2.57	3.56
ENSG0000(ZNF792	protein_co chr19	34956354	34964049 -	1.09	1.08
ENSG0000(CUEDC1	protein_co chr17	57861243	57955323 -	23.19	20.81
ENSG0000(SCRIB	protein_co chr8	1.44E+08	1.44E+08 -	14.32	14.1
ENSG0000(KCTD2	protein_co chr17	75032575	75065889 +	11.14	11.03
ENSG0000(D2HGDH	protein_co chr2	2.42E+08	2.42E+08 +	10.44	11.78
ENSG0000(OR52B1P	unprocessε chr11	6151641	6152549 -	0	0
ENSG0000(TTTY11	lincRNA chrY	8783310	8817382 -	0	0
ENSG0000(OR56B3P	unprocessε chr11	6128610	6129556 +	0	0
ENSG0000(OXTR	protein_co chr3	8750408	8769628 -	1	1.32
ENSG0000(CMTR2	protein_co chr16	71281389	71289715 -	8.02	7.37
ENSG0000(OR56B4	protein_co chr11	6107684	6108835 +	0	0
ENSG0000(FAM83H	protein_co chr8	1.44E+08	1.44E+08 -	2.43	2.44
ENSG0000(OR7E18P	unprocessε chr19	9261015	9261716 -	0	0
ENSG0000(GPR62	protein_co chr3	51955314	51957504 +	0	0
ENSG0000(OR56A1	protein_co chr11	6026671	6027741 -	0	0
ENSG0000(ZNF572	protein_co chr8	1.25E+08	1.25E+08 +	0.26	0.13
ENSG0000(ST20	protein_co chr15	79898840	79923702 -	2.95	2.36
ENSG0000(PITPNB	protein_co chr22	27851669	27920134 -	18.78	19.08
ENSG0000(TCEAL8	protein_co chrX	1.03E+08	1.03E+08 -	31.92	32.48
ENSG0000(OR52E4	protein_co chr11	5884271	5885300 +	0	0
ENSG0000(LRRC57	protein_co chr15	42537820	42548802 -	4.91	4.46
ENSG0000(OR52N2	protein_co chr11	5820314	5821348 +	0	0
ENSG0000(MRPL14	protein_co chr6	44113454	44127457 -	18.32	18.33
ENSG0000(GPR137C	protein_co chr14	52553148	52637713 +	0.43	0.36
ENSG0000(C1orf105	protein_co chr1	1.72E+08	1.72E+08 +	0	0

ENSG0000(OR52N1	protein_co chr11	5787854	5788816 -	0	0
ENSG0000(BBS12	protein_co chr4	1.23E+08	1.23E+08 +	1.75	1.68
ENSG0000(ZFP82	protein_co chr19	36383120	36418656 -	1.76	1.54
ENSG0000(OR52N5	protein_co chr11	5777634	5778667 -	0	0
ENSG0000(C17orf47	protein_co chr17	58541587	58544368 -	0	0
ENSG0000(LSMEM1	protein_co chr7	1.12E+08	1.12E+08 +	0.47	0.22
ENSG0000(OR56B2P	unprocessε chr11	5765096	5766049 +	0	0
ENSG0000(NQO1	protein_co chr16	69706996	69726951 -	81.77	88.22
ENSG0000(OR56B1	protein_co chr11	5736517	5737491 +	0	0
ENSG0000(AEN	protein_co chr15	88621296	88632282 +	13.01	14.3
ENSG0000(FKRP	protein_co chr19	46746046	46776988 +	6.88	9.18
ENSG0000(TRAPPC5	protein_co chr19	7680843	7687703 +	53.66	40.78
ENSG0000(RPH3AL	protein_co chr17	212389	386254 -	0.34	0.33
ENSG0000(SLC25A42	protein_co chr19	19063999	19112888 +	3.86	4.81
ENSG0000(FCRL6	protein_co chr1	1.6E+08	1.6E+08 +	0.04	0
ENSG0000(METTL23	protein_co chr17	76726830	76733936 +	16.78	14.73
ENSG0000(SLC26A11	protein_co chr17	80219699	80253500 +	9.24	10.82
ENSG0000(HIGD1A	protein_co chr3	42784298	42804531 -	27.26	26.65
ENSG0000(CHRM2	protein_co chr7	1.37E+08	1.37E+08 +	0	0
ENSG0000(OR52N4	protein_co chr11	5754693	5755729 +	0.23	0
ENSG0000(MAPK15	protein_co chr8	1.44E+08	1.44E+08 +	0.07	0
ENSG0000(EHMT1	protein_co chr9	1.38E+08	1.38E+08 +	11.76	15.85
ENSG0000(ADIPOQ	protein_co chr3	1.87E+08	1.87E+08 +	0	0
ENSG0000(RP11-429J	antisense chr8	1.44E+08	1.44E+08 +	0.4	0.15
ENSG0000(SDCCAG3P	processed_ chr1	1.75E+08	1.75E+08 -	0	0
ENSG0000(F2R	protein_co chr5	76716043	76735781 +	30.95	29.86
ENSG0000(OR52P1P	unitary_psι chr11	5726502	5727464 +	0	0
ENSG0000(RP4-539M	antisense chr22	30475364	30492804 +	0	0
ENSG0000(HLA-V	transcribec chr6	29790954	29797811 +	0.27	0.06
ENSG0000(ZNF707	protein_co chr8	1.44E+08	1.44E+08 +	5.32	4.79
ENSG0000(MUC16	protein_co chr19	8848844	8981342 -	0	0
ENSG0000(NPM1	protein_co chr5	1.71E+08	1.71E+08 +	681.53	649.79
ENSG0000(FER1L6-AS	antisense chr8	1.24E+08	1.24E+08 -	0	0
ENSG0000(PJA1	protein_co chrX	69160851	69165793 -	9.01	10.34
ENSG0000(DHTKD1	protein_co chr10	12068972	12123225 +	3.65	3.01
ENSG0000(PENK	protein_co chr8	56436674	56446734 -	0.23	0.37
ENSG0000(HIST3H2BA	unitary_psι chr1	2.28E+08	2.28E+08 -	0	0
ENSG0000(HECW1-IT1	sense_intrε chr7	43117896	43163187 +	0	0
ENSG0000(OR8G2P	unprocessε chr11	1.24E+08	1.24E+08 +	0	0
ENSG0000(C4orf50	protein_co chr4	5897373	6018507 -	0	0
ENSG0000(HIST3H2A	protein_co chr1	2.28E+08	2.28E+08 -	4.18	4.83
ENSG0000(ZNF746	protein_co chr7	1.49E+08	1.49E+08 -	5.89	4.54
ENSG0000(POLR2A	protein_co chr17	7484366	7514616 +	45.69	44.27
ENSG0000(DLSTP1	processed_ chr1	75743423	75744776 -	0	0
ENSG0000(TMEM132	protein_co chr12	1.28E+08	1.29E+08 +	0	0

ENSG0000(SLC25A41)	protein_co chr19	6426037	6433779	-	0.08	0.14
ENSG0000(MTHFD2P7)	processed_chr3	1.79E+08	1.79E+08	+	0	0
ENSG0000(TMEM136)	protein_co chr11	1.2E+08	1.2E+08	+	5.22	4.36
ENSG0000(OR5AK2)	protein_co chr11	56988872	56989867	+	0	0
ENSG0000(FRAT2)	protein_co chr10	97332497	97334709	-	2.85	2.58
ENSG0000(OR5AK3P)	unprocessε chr11	56970850	56972146	+	0	0
ENSG0000(TMEM102)	protein_co chr17	7435443	7437679	+	2.16	2.47
ENSG0000(TMEM132)	protein_co chr17	34580749	34639318	+	0	0
ENSG0000(OR5G1P)	unprocessε chr11	56775261	56776206	-	0	0
ENSG0000(ZNF322)	protein_co chr6	26634383	26659752	-	7.01	8.58
ENSG0000(NME9)	protein_co chr3	1.38E+08	1.38E+08	-	0	0.21
ENSG0000(SPEM1)	protein_co chr17	7420360	7421632	+	0	0
ENSG0000(OR9G3P)	unprocessε chr11	56740179	56741096	+	0	0
ENSG0000(HEPHL1)	protein_co chr11	94021361	94113751	+	0	0
ENSG0000(LRRC75A)	protein_co chr17	16441577	16492153	-	0.32	0.51
ENSG0000(OFCC1)	protein_co chr6	9596110	10211608	-	0	0
ENSG0000(CTAGE10P)	processed_chr13	49890591	49892998	+	0	0
ENSG0000(HSP90AA6)	transcribec chr4	1.71E+08	1.71E+08	-	0	0
ENSG0000(OR5M8)	protein_co chr11	56490435	56491370	-	0	0
ENSG0000(CCL13)	protein_co chr17	34356452	34358610	+	5.18	4.4
ENSG0000(CFAP65)	protein_co chr2	2.19E+08	2.19E+08	-	0.1	0
ENSG0000(DDX60L)	protein_co chr4	1.68E+08	1.69E+08	-	7.4	7.08
ENSG0000(SYNE4)	protein_co chr19	36003307	36008793	-	0.02	0.33
ENSG0000(OGFOD3)	protein_co chr17	82389223	82418637	-	18.39	19.23
ENSG0000(WASHC1)	protein_co chr9	14521	29739	-	5.5	6.16
ENSG0000(UTS2R)	protein_co chr17	82374230	82375586	+	0	0
ENSG0000(AATK)	protein_co chr17	81117295	81166077	-	0.21	0.15
ENSG0000(DDN)	protein_co chr12	48995149	48999309	-	0.04	0.03
ENSG0000(SAGE1)	protein_co chrX	1.36E+08	1.36E+08	+	0	0
ENSG0000(ZNF467)	protein_co chr7	1.5E+08	1.5E+08	-	6.77	7.73
ENSG0000(SOX2)	protein_co chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(ZNF678)	protein_co chr1	2.28E+08	2.28E+08	+	1.12	0.81
ENSG0000(TMEM45A)	protein_co chr3	1E+08	1.01E+08	+	89.93	73.45
ENSG0000(RAP2B)	protein_co chr3	1.53E+08	1.53E+08	+	4.11	3.89
ENSG0000(ZBTB2)	protein_co chr6	1.51E+08	1.51E+08	-	3.92	5.05
ENSG0000(RNF135)	protein_co chr17	30968785	30999911	+	9.29	9.47
ENSG0000(OR6T1)	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP4-655L2)	processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(ACBD4)	protein_co chr17	45132600	45144181	+	5.95	6.1
ENSG0000(RP3-474G1)	processed_chr6	72598451	72599634	-	0	0
ENSG0000(OR8D4)	protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(SGSH)	protein_co chr17	80206716	80220923	-	25.83	28.4
ENSG0000(RPL24P4)	processed_chr6	42956345	42956765	-	0	0
ENSG0000(MAB21L2)	protein_co chr4	1.51E+08	1.51E+08	+	0	0.02
ENSG0000(FANCB)	protein_co chrX	14843407	14873069	-	0.29	0.07

ENSG0000(EDDM3B	protein_co chr14	20768427	20770948	+	0	0
ENSG0000(SETD2	protein_co chr3	47016429	47163967	-	10.26	10.55
ENSG0000(EDDM3A	protein_co chr14	20745892	20748380	+	0	0
ENSG0000(C6orf223	protein_co chr6	44000580	44005958	+	0.07	0
ENSG0000(TMIE	protein_co chr3	46701333	46710886	+	0.03	0.07
ENSG0000(MEX3D	protein_co chr19	1554669	1568058	-	8.5	8.15
ENSG0000(OR52D1	protein_co chr11	5488685	5489749	+	0	0
ENSG0000(MRPS23	protein_co chr17	57834781	57850056	-	16.74	13.99
ENSG0000(OR52H1	protein_co chr11	5544561	5545523	-	0	0
ENSG0000(FDCSP	protein_co chr4	70226071	70235252	+	0.75	0.97
ENSG0000(GPR135	protein_co chr14	59429022	59465342	-	1.73	1.44
ENSG0000(SLX1B	protein_co chr16	29454501	29458219	+	3.47	4.55
ENSG0000(ANKRD62	protein_co chr18	12093853	12129749	+	0.04	0
ENSG0000(P2RY13	protein_co chr3	1.51E+08	1.51E+08	-	0	0
ENSG0000(TNFSF15	protein_co chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(ZFP41	protein_co chr8	1.43E+08	1.43E+08	+	5.75	6.23
ENSG0000(PHLDA2	protein_co chr11	2928273	2929455	-	5.15	6.3
ENSG0000(ATG9B	protein_co chr7	1.51E+08	1.51E+08	-	0.57	0.61
ENSG0000(GPR88	protein_co chr1	1.01E+08	1.01E+08	+	0.17	0.05
ENSG0000(HKR1	protein_co chr19	37312837	37369365	+	13.16	16.03
ENSG0000(PLAG1	protein_co chr8	56160904	56211324	-	1.31	1.53
ENSG0000(OR8H1	protein_co chr11	56290053	56291090	-	0	0
ENSG0000(OR5T1	protein_co chr11	56275639	56276619	+	0	0
ENSG0000(YIPF6	protein_co chrX	68498323	68537285	+	12.92	13.16
ENSG0000(RP11-11L1	processed_chr6	80499196	80499392	-	0	0
ENSG0000(OR5T2	protein_co chr11	56232106	56233185	-	0	0
ENSG0000(ZBTB20	protein_co chr3	1.14E+08	1.15E+08	-	1.34	1.8
ENSG0000(OR2Z1	protein_co chr19	8730954	8732009	+	0	0
ENSG0000(FDX1P1	processed_chr20	34475924	34476474	-	0	0
ENSG0000(C3orf58	protein_co chr3	1.44E+08	1.44E+08	+	8.72	5.69
ENSG0000(C5orf30	protein_co chr5	1.03E+08	1.03E+08	+	9.19	7.51
ENSG0000(OR8K5	protein_co chr11	56159394	56160317	-	0	0
ENSG0000(AMIGO1	protein_co chr1	1.1E+08	1.1E+08	-	0.84	0.95
ENSG0000(OR8H3	protein_co chr11	56122373	56123311	+	0	0
ENSG0000(OR8H2	protein_co chr11	56105018	56106055	+	0	0
ENSG0000(GPR3	protein_co chr1	27392644	27395814	+	0.05	0.03
ENSG0000(TMEM252	protein_co chr9	68536580	68540867	-	0	0
ENSG0000(OR5J1P	unprocessε chr11	56071111	56072049	+	0	0
ENSG0000(ODF3L2	protein_co chr19	463346	474983	-	0.08	0
ENSG0000(OR5AS1	protein_co chr11	56030419	56031393	+	0	0
ENSG0000(ACTL9	protein_co chr19	8697397	8698822	-	0	0
ENSG0000(SIAH2	protein_co chr3	1.51E+08	1.51E+08	-	11.26	10.62
ENSG0000(COPG1	protein_co chr3	1.29E+08	1.29E+08	+	65.64	57.26
ENSG0000(ADGRB1	protein_co chr8	1.42E+08	1.43E+08	+	0	0.08
ENSG0000(LINC00471	lincRNA chr2	2.32E+08	2.32E+08	-	0.59	0.1

ENSG0000(CELF2-AS1	antisense	chr10	11316834	11319884	-	0	0
ENSG0000(OR6S1	protein_co	chr14	20640696	20641691	-	0	0
ENSG0000(SLC9A9	protein_co	chr3	1.43E+08	1.44E+08	-	1.76	1.77
ENSG0000(LSM10	protein_co	chr1	36391238	36397892	-	22.39	30.78
ENSG0000(KCTD9P2	processed_	chrX	1.05E+08	1.05E+08	+	0.06	0
ENSG0000(RELL1	protein_co	chr4	37590800	37686376	-	6.08	5.92
ENSG0000(RFX7	protein_co	chr15	56087280	56243266	-	6.02	7.09
ENSG0000(SLC35C1	protein_co	chr11	45804072	45813015	+	11.09	10.18
ENSG0000(OR5D17P	unprocessε	chr11	55754976	55755953	+	0	0
ENSG0000(TIGIT	protein_co	chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(RNF41	protein_co	chr12	56202175	56221933	-	46.96	44.38
ENSG0000(SLC2A4	protein_co	chr17	7281667	7288257	+	0.13	0.07
ENSG0000(FTMT	protein_co	chr5	1.22E+08	1.22E+08	+	0	0
ENSG0000(IBA57	protein_co	chr1	2.28E+08	2.28E+08	+	1.58	2.07
ENSG0000(CLDN7	protein_co	chr17	7259903	7263983	-	0.48	0.95
ENSG0000(ZNF329	protein_co	chr19	58126252	58155110	-	3.71	4.17
ENSG0000(ZNF101	protein_co	chr19	19668796	19683509	+	1.73	2.26
ENSG0000(OR4C6	protein_co	chr11	55665167	55666096	+	0	0
ENSG0000(C5orf24	protein_co	chr5	1.35E+08	1.35E+08	+	18.16	17.35
ENSG0000(AP003774.	lincRNA	chr11	64449074	64451657	+	0	0
ENSG0000(ADO	protein_co	chr10	62804857	62808483	+	7	6.38
ENSG0000(COA4	protein_co	chr11	73872667	73876988	-	27.28	24.8
ENSG0000(OR4P4	protein_co	chr11	55638358	55639296	+	0	0
ENSG0000(PRKAG1	protein_co	chr12	49002274	49019197	-	43.98	42.78
ENSG0000(GINS3	protein_co	chr16	58295080	58406144	+	2.11	3.3
ENSG0000(OR4C15	protein_co	chr11	55554307	55555419	+	0	0
ENSG0000(OR4A21P	unprocessε	chr11	55491152	55492142	+	0	0
ENSG0000(OR4A13P	unprocessε	chr11	55466771	55467712	+	0	0
ENSG0000(OR4A15	protein_co	chr11	55367884	55368918	+	0	0
ENSG0000(OR4A16	protein_co	chr11	55343201	55344187	+	0	0
ENSG0000(OR52K2	protein_co	chr11	4449295	4450361	+	0	0
ENSG0000(NEUROG1	protein_co	chr5	1.36E+08	1.36E+08	-	0	0
ENSG0000(PYY3	processed_	chrX	50156159	50156371	+	0	0
ENSG0000(CCDC149	protein_co	chr4	24806117	24980204	-	5.85	4.67
ENSG0000(GOLGA8CP	unprocessε	chr15	20562375	20575696	+	0	0
ENSG0000(MRPS11	protein_co	chr15	88467453	88480773	+	20.28	20.95
ENSG0000(LINC00301	lincRNA	chr11	60615736	60687149	+	0	0
ENSG0000(AQP7P2	unprocessε	chr9	64621560	64637586	-	0	0
ENSG0000(RP11-651P	processed_	chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(SNRPE	protein_co	chr1	2.04E+08	2.04E+08	+	47.46	48.13
ENSG0000(RTKN2	protein_co	chr10	62183035	62268707	-	0.12	0.16
ENSG0000(PNMAL1	protein_co	chr19	46466491	46471563	-	5.81	6.57
ENSG0000(RP11-381C	transcribec	chr9	63111255	63127100	-	0	0
ENSG0000(CHST15	protein_co	chr10	1.24E+08	1.24E+08	-	0.08	0.2
ENSG0000(ADIG	protein_co	chr20	38581195	38588463	+	0	0

ENSG0000(USH1G	protein_co chr17	74916084	74923256	-	0	0
ENSG0000(TRPC2	transcribec chr11	3609901	3637559	+	0	0
ENSG0000(MGAT4C	protein_co chr12	85955666	86838904	-	0.01	0.03
ENSG0000(TRIM49B	protein_co chr11	49027501	49038451	+	0	0
ENSG0000(IDH2	protein_co chr15	90083045	90102504	-	18.05	17.75
ENSG0000(OGFRP1	lincRNA chr22	42269753	42275196	+	0.47	0.36
ENSG0000(OR52A1	protein_co chr11	5151009	5186382	-	0	0
ENSG0000(PTCHD3	protein_co chr10	27398187	27414368	-	0	0
ENSG0000(OR6B2	protein_co chr2	2.4E+08	2.4E+08	-	0	0
ENSG0000(TMEM259	protein_co chr19	1009648	1021179	-	58.48	60.88
ENSG0000(WRB	protein_co chr21	39380244	39428528	+	20.16	18.39
ENSG0000(TNRC18	protein_co chr7	5306790	5425414	-	24.16	28.96
ENSG0000(FAM181B	protein_co chr11	82729941	82733864	-	0.01	0
ENSG0000(TMEM30B	protein_co chr14	61277370	61281840	-	0.28	0.3
ENSG0000(DEXI	protein_co chr16	10928891	10942460	-	19.61	18.45
ENSG0000(RP11-69E1	antisense chr1	39522280	39546187	-	1.87	2.22
ENSG0000(ZNF716	protein_co chr7	57450177	57473546	+	0.01	0.03
ENSG0000(NOP10	protein_co chr15	34341713	34343177	-	117.79	125.59
ENSG0000(FAM89A	protein_co chr1	2.31E+08	2.31E+08	-	1.61	1.6
ENSG0000(KCNIP1	protein_co chr5	1.7E+08	1.71E+08	+	0	0
ENSG0000(TDRKH	protein_co chr1	1.52E+08	1.52E+08	-	0.65	1.23
ENSG0000(ZNF708	protein_co chr19	21291160	21329425	-	1.71	1.64
ENSG0000(IST1	protein_co chr16	71845996	71931199	+	92.02	89.96
ENSG0000(ERCC6L2	protein_co chr9	95875701	96014571	+	7.44	8.59
ENSG0000(MRPL41	protein_co chr9	1.38E+08	1.38E+08	+	16.5	18.67
ENSG0000(ENPP7	protein_co chr17	79730919	79742222	+	0	0
ENSG0000(CREB3L2	protein_co chr7	1.38E+08	1.38E+08	-	10.15	9.62
ENSG0000(P2RY8	protein_co chrX	1462572	1537107	-	0	0
ENSG0000(P2RY8	protein_co chrY	1462572	1537107	-	0	0
ENSG0000(TP53TG1	lincRNA chr7	87325225	87345515	-	21.53	19.79
ENSG0000(UNC5C	protein_co chr4	95162504	95549206	-	0.03	0
ENSG0000(MRGPRG	protein_co chr11	3217944	3218813	-	0	0
ENSG0000(TSEN54	protein_co chr17	75516060	75524739	+	4.54	4.74
ENSG0000(RGMA	protein_co chr15	93035273	93089204	-	4.13	4.76
ENSG0000(ASB18	protein_co chr2	2.36E+08	2.36E+08	-	0.01	0
ENSG0000(UBA7	protein_co chr3	49805207	49813946	-	19.9	22.01
ENSG0000(MRPS16	protein_co chr10	73248843	73252693	-	38.2	34.43
ENSG0000(FAM159A	protein_co chr1	52633344	52669683	+	0.03	0
ENSG0000(RAD51B	protein_co chr14	67819779	68730218	+	6	3.65
ENSG0000(CRYGB	protein_co chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(LDOC1	protein_co chrX	1.41E+08	1.41E+08	-	27.39	29.41
ENSG0000(ARL6IP4	protein_co chr12	1.23E+08	1.23E+08	+	82.56	75.81
ENSG0000(EXT1	protein_co chr8	1.18E+08	1.18E+08	-	77.06	66.28
ENSG0000(SHMT2	protein_co chr12	57229327	57234935	+	113.32	110.05
ENSG0000(MOB2	protein_co chr11	1469457	1501247	-	18.66	20.24

ENSG0000(HHIPL1	protein_co chr14	99645110	99680569	+	3.26	2.5
ENSG0000(ATP6AP2	protein_co chrX	40579372	40606848	+	225.6	246.71
ENSG0000(ZAR1	protein_co chr4	48490252	48494389	+	0	0
ENSG0000(CYB5D1	protein_co chr17	7857746	7862282	+	7.3	7.16
ENSG0000(FAM153B	protein_co chr5	1.76E+08	1.76E+08	+	0	0.04
ENSG0000(BACE2	protein_co chr21	41167801	41282518	+	44.79	45.34
ENSG0000(UBE2E2	protein_co chr3	23203020	23591793	+	22.51	29.46
ENSG0000(SYNM	protein_co chr15	99098217	99135593	+	0.61	0.59
ENSG0000(KCNA4	protein_co chr11	30009741	30017023	-	0.4	0
ENSG0000(GABRG3	protein_co chr15	26971282	27541991	+	0	0.01
ENSG0000(PRR34	protein_co chr22	46049478	46054144	-	0.42	0.2
ENSG0000(NLRP10	protein_co chr11	7959424	7965426	-	0.02	0
ENSG0000(FIGN	protein_co chr2	1.64E+08	1.64E+08	-	0.56	1.02
ENSG0000(IZUMO1	protein_co chr19	48740852	48746909	-	0	0
ENSG0000(TMIGD1	protein_co chr17	30316333	30334059	-	0	0
ENSG0000(B4GALNT4	protein_co chr11	369796	382116	+	4.98	4.15
ENSG0000(AP1S2	protein_co chrX	15825806	15855014	-	7.47	7.4
ENSG0000(C8orf33	protein_co chr8	1.45E+08	1.45E+08	+	14.59	16.55
ENSG0000(DCAF4L1	protein_co chr4	41981696	41986467	+	0.01	0.04
ENSG0000(SPACA6	protein_co chr19	51693340	51712387	+	3.08	5.14
ENSG0000(MBD3L3	protein_co chr19	7056209	7058640	-	0	0
ENSG0000(ZSCAN22	protein_co chr19	58327019	58342332	+	1.52	1.21
ENSG0000(KCNJ14	protein_co chr19	48455509	48466980	+	0.22	0.24
ENSG0000(FBXL6	protein_co chr8	1.44E+08	1.44E+08	-	6	7.41
ENSG0000(C1S	protein_co chr12	6988259	7071032	+	993.19	986.45
ENSG0000(GLTPD2	protein_co chr17	4788959	4790390	+	0	0
ENSG0000(KIAA2012	protein_co chr2	2.02E+08	2.02E+08	+	0.61	0.7
ENSG0000(PRAMEF8	protein_co chr1	13281035	13285174	-	0	0
ENSG0000(LIPF	protein_co chr10	88664441	88678814	+	0	0
ENSG0000(OR5P3	protein_co chr11	7825037	7825972	-	0	0
ENSG0000(DAOA	protein_co chr13	1.05E+08	1.05E+08	+	0	0
ENSG0000(PDSS1P1	processed_chr9	5084999	5086112	-	0	0
ENSG0000(ZNF804B	protein_co chr7	88759368	89337057	+	0	0
ENSG0000(CRIP1P4	processed_chr22	24712292	24712520	+	0	0
ENSG0000(C17orf77	antisense chr17	74584679	74594209	+	0	0
ENSG0000(KBTBD3	protein_co chr11	1.06E+08	1.06E+08	-	2.34	4.14
ENSG0000(YBEY	protein_co chr21	46286337	46297751	+	8.76	9.19
ENSG0000(OR5F2P	unprocessε chr11	56015017	56015957	-	0	0
ENSG0000(FAM87A	lincRNA chr8	375931	383174	-	0	0
ENSG0000(CLN8	protein_co chr8	1755778	1801711	+	5.96	6.13
ENSG0000(RP5-1142A	antisense chr16	88742767	88745748	+	0	0.1
ENSG0000(PLCXD1	protein_co chrX	276322	303356	+	1.38	2.29
ENSG0000(PLCXD1	protein_co chrY	276322	303356	+	1.19	2.29
ENSG0000(NXPH4	protein_co chr12	57216795	57226449	+	10.1	9.81
ENSG0000(RPL27AP5	processed_chr5	74990189	74990637	-	0	0

ENSG0000(CACNB4	protein_co chr2	1.52E+08	1.52E+08	-	0.69	0.47
ENSG0000(IFNL1	protein_co chr19	39296325	39298673	+	0	0
ENSG0000(DNM1P46	transcribec chr15	99790156	99806927	-	0.59	0.35
ENSG0000(TRAPPC6B	protein_co chr14	39147811	39170532	-	7.73	8.56
ENSG0000(PGBD4	protein_co chr15	34102073	34108684	+	0.79	0.53
ENSG0000(CDY2A	protein_co chrY	18025787	18028597	+	0	0
ENSG0000(NPLOC4	protein_co chr17	81556887	81648465	-	27.14	28.43
ENSG0000(OTOL1	protein_co chr3	1.61E+08	1.62E+08	+	0	0
ENSG0000(KCNK4	protein_co chr11	64291302	64300031	+	0.12	0.05
ENSG0000(TEX19	protein_co chr17	82359247	82363776	+	0	0
ENSG0000(TSHZ2	protein_co chr20	52972407	53495330	+	1.19	1.3
ENSG0000(CAPN12	protein_co chr19	38730187	38769904	-	0.66	0.12
ENSG0000(EXOC7	protein_co chr17	76081017	76121576	-	35.71	34.42
ENSG0000(OR2B8P	unprocessε chr6	28053228	28054165	-	0	0
ENSG0000(KPNA2	protein_co chr17	68035519	68046842	+	32.82	36.2
ENSG0000(WASH6P	transcribec chrX	1.56E+08	1.56E+08	+	9.32	9.55
ENSG0000(WASH6P	transcribec chrY	57207346	57212230	+	9.32	9.55
ENSG0000(NCF1B	transcribec chr7	73220624	73235945	+	0	0
ENSG0000(XKRX	protein_co chrX	1.01E+08	1.01E+08	-	0.06	0
ENSG0000(BGN	protein_co chrX	1.53E+08	1.54E+08	+	224.55	255.22
ENSG0000(CEP97	protein_co chr3	1.02E+08	1.02E+08	+	1.89	1.58
ENSG0000(LHFPL1	protein_co chrX	1.13E+08	1.13E+08	-	0	0.12
ENSG0000(FES	protein_co chr15	90883695	90895776	+	7.82	8.48
ENSG0000(GLRX5	protein_co chr14	95533503	95544724	+	10.73	13.51
ENSG0000(FAM104B	protein_co chrX	55143102	55161310	-	4.99	6.22
ENSG0000(TBPL2	protein_co chr14	55413541	55456726	-	0.41	0.14
ENSG0000(OR7E115P	unprocessε chr10	15007861	15008884	-	0	0
ENSG0000(CAV3	protein_co chr3	8733800	8841808	+	0	0
ENSG0000(MXRA7	protein_co chr17	76672551	76711016	-	223.57	223.5
ENSG0000(LIMK2	protein_co chr22	31212239	31280080	+	15.57	14.76
ENSG0000(MFSD5	protein_co chr12	53251251	53254405	+	26.45	22.12
ENSG0000(RNASE10	protein_co chr14	20505537	20511169	+	2.08	2.52
ENSG0000(ADI1	protein_co chr2	3497361	3519736	-	21.67	21.55
ENSG0000(RWDD4	protein_co chr4	1.84E+08	1.84E+08	-	8.8	7.9
ENSG0000(SPNS3	protein_co chr17	4433688	4488208	+	0	0
ENSG0000(OR4C2P	unprocessε chr11	48420210	48421273	+	0	0
ENSG0000(CLEC4G	protein_co chr19	7728957	7733906	-	0	0
ENSG0000(SATB1	protein_co chr3	18345387	18445588	-	6.59	6.66
ENSG0000(RP3-341D1	processed_ chrX	1.01E+08	1.01E+08	+	0	0
ENSG0000(NXPH3	protein_co chr17	49575858	49583827	+	1.52	0.88
ENSG0000(CSF1R	protein_co chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(EPHB3	protein_co chr3	1.85E+08	1.85E+08	+	1.06	1.23
ENSG0000(VCX	protein_co chrX	7842262	7844143	+	0	0
ENSG0000(ACTL10	protein_co chr20	33666498	33668525	+	0.16	0.33
ENSG0000(EPGN	protein_co chr4	74308473	74315307	+	0	0.1

ENSG0000(LINC00334	lincRNA	chr21	45234340	45264548	+	0	0
ENSG0000(KRTAP11-1	protein_co	chr21	30880644	30881555	-	0	0
ENSG0000(C2orf82	protein_co	chr2	2.33E+08	2.33E+08	+	0.39	1.66
ENSG0000(HS3ST4	protein_co	chr16	25692026	26137688	+	0	0
ENSG0000(TRAK1	protein_co	chr3	42013802	42225889	+	15.32	18.39
ENSG0000(TSPAN10	protein_co	chr17	81637171	81648749	+	1.89	1.51
ENSG0000(OR2V2	protein_co	chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(PLCB1	protein_co	chr20	8077251	8968360	+	10.48	34.22
ENSG0000(RP11-123C	processed_chr	chr15	58686411	58686617	+	0	0
ENSG0000(SKA2	protein_co	chr17	59109951	59155269	-	17.74	15.22
ENSG0000(RXFP3	protein_co	chr5	33936386	33938237	+	0	0
ENSG0000(CCNYL2	transcribec	chr10	42408168	42475349	-	0.09	0.1
ENSG0000(OR10G7	protein_co	chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(NDN	protein_co	chr15	23685400	23687330	-	11.87	10.79
ENSG0000(CCDC172	protein_co	chr10	1.16E+08	1.16E+08	+	0	0
ENSG0000(LINC01006	lincRNA	chr7	1.56E+08	1.57E+08	-	2.83	5.37
ENSG0000(OR4Q3	protein_co	chr14	19747428	19748369	+	0	0
ENSG0000(NTM	protein_co	chr11	1.31E+08	1.32E+08	+	5.48	4.84
ENSG0000(TTC3	protein_co	chr21	37073226	37203112	+	54.65	54.08
ENSG0000(KCNB2	protein_co	chr8	72537391	72938349	+	0	0
ENSG0000(PPP1R27	protein_co	chr17	81833492	81835050	-	0	0
ENSG0000(BRICD5	protein_co	chr16	2209253	2211950	-	1.48	0.73
ENSG0000(GALR2	protein_co	chr17	76074794	76077541	+	0	0
ENSG0000(RESP18	protein_co	chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(IGIP	protein_co	chr5	1.4E+08	1.4E+08	+	3.39	3.42
ENSG0000(TSKU	protein_co	chr11	76782251	76798154	+	10.89	11.87
ENSG0000(FXYD6P3	processed_chr	chrX	73875068	73875635	+	0	0
ENSG0000(CMC4	protein_co	chrX	1.55E+08	1.55E+08	-	10.36	7.42
ENSG0000(ANXA2	protein_co	chr15	60347134	60402883	-	822.76	817.82
ENSG0000(SEPHS1P1	processed_chr	chr7	64852397	64853354	-	0	0
ENSG0000(RGS6	protein_co	chr14	71932439	72566529	+	0	0
ENSG0000(HOXB4	protein_co	chr17	48575513	48580111	-	0.17	0.14
ENSG0000(SLC35D3	protein_co	chr6	1.37E+08	1.37E+08	+	0	0
ENSG0000(PAQR7	protein_co	chr1	25861210	25871253	-	4.33	3.94
ENSG0000(PAPPA	protein_co	chr9	1.16E+08	1.16E+08	+	44.73	35.76
ENSG0000(MAFA	protein_co	chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(NGRN	protein_co	chr15	90265659	90278141	+	24.37	24.29
ENSG0000(GRID1	protein_co	chr10	85599555	86366493	-	0.02	0
ENSG0000(RPS17	protein_co	chr15	82536753	82540564	-	766.6	734.88
ENSG0000(RP11-114H	lincRNA	chrX	52050860	52054255	-	0	0
ENSG0000(HCAR2	protein_co	chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(OR2T29	protein_co	chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(CCDC87	protein_co	chr11	66590176	66593083	-	0.35	0.18
ENSG0000(GSTA5	protein_co	chr6	52831655	52846095	-	0	0
ENSG0000(C1orf116	protein_co	chr1	2.07E+08	2.07E+08	-	0	0

ENSG00000171981	transcribed	chr12	55829608	55836246	+	18.27	18.13
ENSG00000171982	protein_coding	chrX	16167481	16171464	+	0	0
ENSG00000171983	protein_coding	chr14	1.05E+08	1.05E+08	+	85.69	86.94
ENSG00000171984	protein_coding	chr16	68021274	68023442	-	2.96	3.2
ENSG00000171985	transcribed	chr2	84290683	84292202	+	0	0.21
ENSG00000171986	protein_coding	chr21	30371391	30372257	-	0	0
ENSG00000171987	lincRNA	chr22	18733914	18757906	+	0	0
ENSG00000171988	protein_coding	chr1	2.26E+08	2.26E+08	-	14.73	16.42
ENSG00000171989	protein_coding	chr16	9091648	9121640	+	8.77	8.64
ENSG00000171990	protein_coding	chr5	41306954	41510628	-	0.15	0.13
ENSG00000171991	transcribed	chr22	42555223	42582038	-	2.96	3.03
ENSG00000171992	protein_coding	chr17	4785285	4786433	-	0.62	0.11
ENSG00000171993	protein_coding	chr15	1.02E+08	1.02E+08	+	0	0
ENSG00000171994	protein_coding	chr22	49900229	49918458	-	13.43	13.4
ENSG00000171995	protein_coding	chr1	32251239	32286165	+	0	0
ENSG00000171996	protein_coding	chr12	1.32E+08	1.32E+08	-	0.03	0.15
ENSG00000171997	protein_coding	chr21	45405137	45513720	+	63.9	65.93
ENSG00000171998	protein_coding	chrX	47144869	47186813	+	11.8	12.76
ENSG00000171999	antisense	chr1	2181794	2184389	-	0.39	0.48
ENSG00000172000	protein_coding	chr16	57668187	57689378	+	0	0
ENSG00000172001	processed_transcript	chrX	3717149	3717600	+	0	0
ENSG00000172002	protein_coding	chrX	1.21E+08	1.21E+08	+	0.02	0.11
ENSG00000172003	protein_coding	chr17	7355123	7357219	+	0	0
ENSG00000172004	protein_coding	chr1	1.52E+08	1.52E+08	-	0	0
ENSG00000172005	protein_coding	chr3	1.98E+08	1.98E+08	+	581.07	620.07
ENSG00000172006	protein_coding	chr1	2.41E+08	2.41E+08	-	0	0
ENSG00000172007	protein_coding	chr22	17563439	17590994	+	0.08	0
ENSG00000172008	protein_coding	chr4	425815	499156	-	7.28	7.63
ENSG00000172009	antisense	chr21	44517216	44525952	+	0.14	0.18
ENSG00000172010	protein_coding	chrX	1.03E+08	1.03E+08	+	5.19	5.37
ENSG00000172011	protein_coding	chr11	93741591	93764749	+	10.63	9.46
ENSG00000172012	processed_transcript	chr3	73182501	73183291	-	0	0
ENSG00000172013	protein_coding	chr3	1.34E+08	1.35E+08	+	15.46	10.88
ENSG00000172014	protein_coding	chr20	45684653	45705019	-	1.09	1.06
ENSG00000172015	protein_coding	chr11	1.26E+08	1.26E+08	-	40.19	40.53
ENSG00000172016	protein_coding	chr17	74935719	74949992	+	0	0
ENSG00000172017	protein_coding	chr22	29268009	29300525	+	70.13	69.71
ENSG00000172018	protein_coding	chr15	75723977	75727688	+	0.25	0
ENSG00000172019	protein_coding	chr6	26538405	26546254	+	27.51	28.2
ENSG00000172020	protein_coding	chr13	23979805	24307074	+	17.16	14.23
ENSG00000172021	protein_coding	chr17	44798448	44830816	-	2.59	3.57
ENSG00000172022	processed_transcript	chr7	1.13E+08	1.13E+08	+	0	0
ENSG00000172023	protein_coding	chr13	1.12E+08	1.12E+08	+	0	0
ENSG00000172024	protein_coding	chr3	32685145	32773875	+	8.48	5.61
ENSG00000172025	protein_coding	chr15	21637909	21638992	+	0	0

ENSG0000(MTA1	protein_co chr14	1.05E+08	1.05E+08	+	33.03	34.37
ENSG0000(ZNF662	protein_co chr3	42905731	42917641	+	0.15	0.06
ENSG0000(CADM1	protein_co chr11	1.15E+08	1.16E+08	-	0.82	2.1
ENSG0000(ZNF320	protein_co chr19	52863790	52897693	-	7.46	6.3
ENSG0000(C12orf60	protein_co chr12	14803572	14906586	+	0.46	0.27
ENSG0000(PYCR1	protein_co chr17	81932384	81942412	-	35.39	33.34
ENSG0000(NAA38	protein_co chr17	7856685	7885238	-	48.69	51.97
ENSG0000(SPNS2	protein_co chr17	4498838	4539035	+	0.42	0.61
ENSG0000(MCEMP1	protein_co chr19	7676628	7679826	+	0	0
ENSG0000(AP2A2	protein_co chr11	924894	1012245	+	28.89	28.36
ENSG0000(TPM3P8	processed_chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(SLC8A1	protein_co chr2	40097270	40611053	-	0.51	1.23
ENSG0000(OR1G1	protein_co chr17	3126584	3127581	-	0	0
ENSG0000(SLC25A21	protein_co chr14	36678431	37172866	-	0.36	0.55
ENSG0000(OTOP2	protein_co chr17	74924275	74933912	+	0	0
ENSG0000(CYLC1	protein_co chrX	83861126	83886699	+	0	0
ENSG0000(PCP4	protein_co chr21	39867317	39929397	+	0	0
ENSG0000(ABAT	protein_co chr16	8674565	8784575	+	2.11	2.24
ENSG0000(SLC25A10	protein_co chr17	81712236	81721016	+	3.27	3.3
ENSG0000(CAMK1D	protein_co chr10	12349482	12835545	+	0.63	0.56
ENSG0000(RGPD6	protein_co chr2	1.11E+08	1.11E+08	-	7.87	8.7
ENSG0000(FAM133CP	processed_chr10	58715554	58716257	+	0	0.11
ENSG0000(LYSMD4	protein_co chr15	99715697	99733561	-	2.66	4.09
ENSG0000(WBP2NL	protein_co chr22	41998725	42058456	+	0.03	0
ENSG0000(IGSF5	protein_co chr21	39745407	39802096	+	0	0
ENSG0000(NKX2-5	protein_co chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(AFMID	protein_co chr17	78187317	78207701	+	11.47	10.12
ENSG0000(GAS6	protein_co chr13	1.14E+08	1.14E+08	-	110.42	116.59
ENSG0000(FREM3	protein_co chr4	1.44E+08	1.44E+08	-	0	0
ENSG0000(NEB	protein_co chr2	1.51E+08	1.52E+08	-	0.12	0.03
ENSG0000(BEGAIN	protein_co chr14	1.01E+08	1.01E+08	-	0.01	0.02
ENSG0000(GPC6	protein_co chr13	93226842	94407401	+	49.67	45.36
ENSG0000(ARHGEF37	protein_co chr5	1.5E+08	1.5E+08	+	5.08	5.47
ENSG0000(FAM43B	protein_co chr1	20552439	20555010	+	0.02	0.05
ENSG0000(CSMD1	protein_co chr8	2935353	4994972	-	0	0
ENSG0000(OR2A3P	unprocessε chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(CALHM3	protein_co chr10	1.03E+08	1.03E+08	-	0	0
ENSG0000(PTGDR2	protein_co chr11	60850940	60855971	-	0.04	0.02
ENSG0000(CEP57L1	protein_co chr6	1.09E+08	1.09E+08	+	7.99	8.4
ENSG0000(RIPPLY3	protein_co chr21	37006150	37019659	+	0	0
ENSG0000(PRORY	protein_co chrY	21382954	21386360	-	0.07	0
ENSG0000(ANKRD20A	protein_co chr9	40223285	40266392	+	0	0.08
ENSG0000(GPR19	protein_co chr12	12660891	12696207	-	0.06	0.07
ENSG0000(GJD3	protein_co chr17	40362931	40363815	-	0.49	0.08
ENSG0000(RP11-863K	antisense chr8	37734761	37737426	-	0.08	0.12

ENSG0000(RABIF	protein_co chr1	2.03E+08	2.03E+08	-	3.25	3.28
ENSG0000(TMEM119	protein_co chr12	1.09E+08	1.09E+08	-	16.3	21.26
ENSG0000(FANCF	protein_co chr11	22622519	22626787	-	1.81	1.38
ENSG0000(CALN1	protein_co chr7	71779491	72447151	-	0	0.01
ENSG0000(POM121L1	transcribed chr22	22639177	22644473	-	0.07	0.03
ENSG0000(RP11-49C9	processed_chrX	1.5E+08	1.5E+08	+	0.13	0.11
ENSG0000(SMDT1	protein_co chr22	42079691	42084284	+	29.06	28.89
ENSG0000(GABRR3	protein_co chr3	97986673	98035304	-	0	0
ENSG0000(C2CD4C	protein_co chr19	405438	409170	-	0	0
ENSG0000(CHST6	protein_co chr16	75472052	75495384	-	0.24	0.47
ENSG0000(HSP90AB3	processed_chr4	87891843	87894015	+	0.05	0
ENSG0000(POTEC	protein_co chr18	14507339	14543585	-	0.02	0.03
ENSG0000(RUVBL2	protein_co chr19	48993448	49015995	+	22.9	22.45
ENSG0000(GDPGP1	protein_co chr15	90233808	90245811	+	1.74	1.32
ENSG0000(CTNNA3	protein_co chr10	65912518	67696169	-	0	0
ENSG0000(RP5-1120P	processed_chr6	44089242	44089696	-	0.35	0.19
ENSG0000(WT1-AS	antisense chr11	32435518	32458769	+	2.12	1.45
ENSG0000(RIMBP3C	protein_co chr22	21545357	21551461	-	0	0
ENSG0000(PRR36	protein_co chr19	7868719	7874379	-	0.28	0.11
ENSG0000(NF1P3	unprocessε chr21	14000927	14005279	+	0	0
ENSG0000(LINC01547	lincRNA chr21	44932814	44939913	-	2.12	0.9
ENSG0000(OR51B4	protein_co chr11	5301014	5301996	-	0	0
ENSG0000(PTTG1IP	protein_co chr21	44849585	44873903	-	161.18	146.49
ENSG0000(DDX41	protein_co chr5	1.78E+08	1.78E+08	-	46.35	37.02
ENSG0000(ABHD16B	protein_co chr20	63861498	63862988	+	0.04	0.04
ENSG0000(OR52E8	protein_co chr11	5856674	5857734	-	0	0
ENSG0000(CCDC60	protein_co chr12	1.19E+08	1.2E+08	+	0	0
ENSG0000(PLGLB1	protein_co chr2	87002559	87021852	-	1.07	0.96
ENSG0000(DAZAP2	protein_co chr12	51238292	51271362	+	158.12	154.6
ENSG0000(CCBE1	protein_co chr18	59430940	59697380	-	31.39	37.59
ENSG0000(SELENOF	protein_co chr1	86862445	86914424	-	111.66	103.35
ENSG0000(TISP43	protein_co chr2	1.31E+08	1.31E+08	+	0.29	0.2
ENSG0000(RPSAP19	processed_chr1	1.02E+08	1.02E+08	-	0	0
ENSG0000(OR5P2	protein_co chr11	7795905	7796973	-	0	0
ENSG0000(FAM9A	protein_co chrX	8790795	8801383	-	0	0
ENSG0000(MAGEA2B	protein_co chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(CECR6	protein_co chr22	17116299	17121367	-	0.04	0
ENSG0000(AC005037.	antisense chr2	2.01E+08	2.01E+08	+	1.56	1.27
ENSG0000(ZNF623	protein_co chr8	1.44E+08	1.44E+08	+	5.32	7.19
ENSG0000(OR2T34	protein_co chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(OR52L1	protein_co chr11	5985892	5986985	-	0	0
ENSG0000(EPHA10	protein_co chr1	37713880	37765133	-	0.7	0.44
ENSG0000(SPDYE4	protein_co chr17	8753106	8758559	-	0	0
ENSG0000(CCDC125	protein_co chr5	69280175	69332809	-	1.79	1.83
ENSG0000(REC114	protein_co chr15	73443158	73560014	+	0	0

ENSG0000(BOLA2	protein_co chr16	29443056	29454964	-	2.28	3.7
ENSG0000(BCOR	protein_co chrX	40049815	40177329	-	4.64	5.87
ENSG0000(JRKL	protein_co chr11	96389989	96507574	+	5.33	4.48
ENSG0000(C10orf107	protein_co chr10	61662961	61766766	+	1.05	0.11
ENSG0000(GBP6	protein_co chr1	89364058	89386461	+	0.03	0.1
ENSG0000(KIAA2026	protein_co chr9	5881596	6007901	-	7.4	7.57
ENSG0000(OVCH2	protein_co chr11	7689438	7706421	-	0.03	0
ENSG0000(SYNDIG1L	protein_co chr14	74405893	74426102	-	0	0.02
ENSG0000(TTTY8	lincRNA chrY	9691100	9693957	+	0	0
ENSG0000(FHL3	protein_co chr1	37996770	38005606	-	25.13	29.42
ENSG0000(OR56A4	protein_co chr11	6001986	6003194	-	0	0
ENSG0000(PMCH	protein_co chr12	1.02E+08	1.02E+08	-	0	0.09
ENSG0000(TMEM89	protein_co chr3	48620759	48621855	-	0.1	0.11
ENSG0000(C19orf71	protein_co chr19	3539154	3544030	+	0	0
ENSG0000(CCDC159	protein_co chr19	11344684	11354944	+	9.56	10.95
ENSG0000(RIPK4	protein_co chr21	41739369	41767106	-	0.08	0.09
ENSG0000(LRIT3	protein_co chr4	1.1E+08	1.1E+08	+	0.02	0
ENSG0000(NPIPA1	protein_co chr16	14922802	14952060	+	44.49	46.97
ENSG0000(SF3A3	protein_co chr1	37956975	37990921	-	22.93	24.04
ENSG0000(ZBTB8OSP	processed_chr4	1.51E+08	1.51E+08	+	0	0
ENSG0000(TFDP3	protein_co chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(TRIM61	protein_co chr4	1.65E+08	1.65E+08	-	0.8	0.61
ENSG0000(OR7E38P	unprocessε chr7	97966090	97967074	-	7.51	5.59
ENSG0000(GRIN2A	protein_co chr16	9753404	10182754	-	0	0.05
ENSG0000(RP11-958N	transcribec chr16	14911551	14935708	+	18.54	17.42
ENSG0000(URAD	protein_co chr13	27977714	27988654	-	0	0
ENSG0000(FLJ40288	lincRNA chr7	1.33E+08	1.33E+08	+	0	0
ENSG0000(GTF2H2C	protein_co chr5	69560208	69594723	+	10.12	9.16
ENSG0000(ASB7	protein_co chr15	1.01E+08	1.01E+08	+	4.26	4.68
ENSG0000(SH2D7	protein_co chr15	78077808	78104909	+	0	0
ENSG0000(TREX2	protein_co chrX	1.53E+08	1.53E+08	-	0.45	0.34
ENSG0000(GPR132	protein_co chr14	1.05E+08	1.05E+08	-	0.02	0.16
ENSG0000(MX2	protein_co chr21	41361943	41409390	+	2.87	1.91
ENSG0000(EP400	protein_co chr12	1.32E+08	1.32E+08	+	8.13	8.67
ENSG0000(MEX3B	protein_co chr15	82041778	82046141	-	5.44	5.93
ENSG0000(PI4KAP2	transcribec chr22	21473000	21517533	-	10.37	11.05
ENSG0000(FAM46C	protein_co chr1	1.18E+08	1.18E+08	+	0.32	0.44
ENSG0000(COA5	protein_co chr2	98599310	98608515	-	15.45	15.81
ENSG0000(TDGF1P2	processed_chr2	2.28E+08	2.28E+08	-	0	0
ENSG0000(UTP11	protein_co chr1	38009258	38024824	+	16.95	15.57
ENSG0000(PSMG1	protein_co chr21	39174769	39183851	-	21.28	21.77
ENSG0000(PRR14L	protein_co chr22	31676256	31750140	-	4.07	4.57
ENSG0000(COL18A1-A	antisense chr21	45419716	45425070	-	0	0
ENSG0000(KLRC4	protein_co chr12	10407382	10409757	-	0	0
ENSG0000(ACSM5	protein_co chr16	20409534	20441336	+	0	0.35

ENSG0000(C10orf120	protein_co	chr10	1.23E+08	1.23E+08	-	0	0
ENSG0000(IZUMO1R	protein_co	chr11	94305592	94307721	+	0	0
ENSG0000(CTC-343N3	antisense	chr11	2989863	2991344	+	0	0
ENSG0000(BPIFA4P	transcribed	chr20	33193585	33210462	+	0	0
ENSG0000(SERHL2	protein_co	chr22	42553617	42574382	+	2.39	2.05
ENSG0000(PCBP3	protein_co	chr21	45643694	45942454	+	0.61	1.03
ENSG0000(PGPEP1L	protein_co	chr15	98968230	99007795	-	0	0
ENSG0000(SETD3	protein_co	chr14	99397746	99480889	-	15.22	17.7
ENSG0000(TNFAIP8L3	protein_co	chr15	51056598	51105276	-	13.08	12.49
ENSG0000(ZNRF3	protein_co	chr22	28883592	29057487	+	2.42	1.69
ENSG0000(FBXL7	protein_co	chr5	15500196	15939795	+	9.52	9.19
ENSG0000(HMGN3P1	processed_chr	1	1.52E+08	1.52E+08	+	0	0
ENSG0000(TANGO2	protein_co	chr22	20017014	20065926	+	11.02	12.2
ENSG0000(HIST2H3D	protein_co	chr1	1.5E+08	1.5E+08	-	0.24	0
ENSG0000(SMG1P5	transcribed	chr16	30267553	30335374	-	2.15	2.85
ENSG0000(SFXN4	protein_co	chr10	1.19E+08	1.19E+08	-	6.67	6.6
ENSG0000(GKN2	protein_co	chr2	68945232	68952970	-	0	0
ENSG0000(FAM167B	protein_co	chr1	32247233	32248856	+	5.47	5.37
ENSG0000(MRPL54	protein_co	chr19	3762664	3768575	+	23.25	25.24
ENSG0000(ZNF438	protein_co	chr10	30820207	31031937	-	2.2	1.82
ENSG0000(HMCES	protein_co	chr3	1.29E+08	1.29E+08	+	15.26	16.37
ENSG0000(CCR3	protein_co	chr3	46163604	46266706	+	0	0.05
ENSG0000(DGCR6	protein_co	chr22	18906028	18914238	+	0.32	0.33
ENSG0000(GOLGA8G	protein_co	chr15	28519611	28533014	-	0.01	0.01
ENSG0000(PRR32	protein_co	chrX	1.27E+08	1.27E+08	+	0	0
ENSG0000(TP53TG3	protein_co	chr16	32673528	32676732	-	0	0
ENSG0000(RP1L1	protein_co	chr8	10606349	10712187	-	0	0.01
ENSG0000(KRTAP8-1	protein_co	chr21	30812697	30813252	-	0	0
ENSG0000(C15orf32	lincRNA	chr15	92471654	92501117	+	0	0
ENSG0000(C11orf88	protein_co	chr11	1.12E+08	1.12E+08	+	0.02	0
ENSG0000(ZNF530	protein_co	chr19	57599885	57612722	+	1.36	1.67
ENSG0000(NDUFB1	protein_co	chr14	92116122	92121917	-	104.62	93.57
ENSG0000(11-Mar	protein_co	chr5	16067139	16180762	-	0	0
ENSG0000(KLHL25	protein_co	chr15	85759323	85795030	-	0.87	1.57
ENSG0000(FAM19A1	protein_co	chr3	68004216	68545625	+	0	0
ENSG0000(RP11-44N1	processed_chr	8	96068729	96069681	-	0	0
ENSG0000(TRMT12	protein_co	chr8	1.24E+08	1.24E+08	+	3.71	3.97
ENSG0000(GUSBP1	transcribed	chr5	21341833	21589372	+	4.66	5.27
ENSG0000(PSG9	protein_co	chr19	43211791	43269530	-	0.17	0.15
ENSG0000(GPR1	protein_co	chr2	2.06E+08	2.06E+08	-	42.1	40.01
ENSG0000(LINC00518	lincRNA	chr6	10429255	10434874	-	0	0
ENSG0000(BMP8A	protein_co	chr1	39491646	39525935	+	0.03	0
ENSG0000(ALYREF	protein_co	chr17	81887844	81891586	-	17.56	16.45
ENSG0000(RFLNB	protein_co	chr17	439978	445939	-	2.02	2.35
ENSG0000(EFHC2	protein_co	chrX	44147882	44343672	-	0.04	0.08

ENSG00000108000	NOG	protein_co chr17	56593699	56595590	+	0	0
ENSG00000108000	MRGPRX2	protein_co chr11	19054455	19060681	-	0	0
ENSG00000108000	UPP1	protein_co chr7	48088628	48108733	+	5.03	8.76
ENSG00000108000	SLC9B1P1	unprocessed chrY	11340579	11385687	-	0	0
ENSG00000108000	OR4N4	protein_co chr15	22094431	22095556	+	0	0
ENSG00000108000	IFNL2	protein_co chr19	39268514	39270092	+	0	0
ENSG00000108000	OPCML	protein_co chr11	1.32E+08	1.34E+08	-	0	0.01
ENSG00000108000	TRIM52	protein_co chr5	1.81E+08	1.81E+08	-	5.36	5.1
ENSG00000108000	LHFP	protein_co chr13	39342892	39603528	-	53.5	55.27
ENSG00000108000	CMTM4	protein_co chr16	66614750	66696707	-	7.55	8.22
ENSG00000108000	TMEM50A	protein_co chr1	25337917	25362361	+	94.42	91.42
ENSG00000108000	NPBWR1	protein_co chr8	52938431	52941117	+	0	0
ENSG00000108000	FIGLA	protein_co chr2	70777310	70790643	-	0	0
ENSG00000108000	ASCL2	protein_co chr11	2268495	2270952	-	0.12	0.03
ENSG00000108000	TBK1	protein_co chr12	64451880	64502108	+	9.46	9.33
ENSG00000108000	CBX6	protein_co chr22	38861450	38872314	-	14.99	16.1
ENSG00000108000	MACC1	protein_co chr7	20134655	20217404	-	0.09	0.08
ENSG00000108000	ACSM2A	protein_co chr16	20451461	20487667	+	0	0
ENSG00000108000	TBL3	protein_co chr16	1972037	1982933	+	9.07	10.08
ENSG00000108000	BPY2	protein_co chrY	22973819	23005465	+	0	0
ENSG00000108000	ACP7	protein_co chr19	39083913	39111493	+	0.02	0.1
ENSG00000108000	KREMEN1	protein_co chr22	29073078	29168333	+	3.75	3.74
ENSG00000108000	TRAIIP	protein_co chr3	49828599	49856574	-	1.53	0.71
ENSG00000108000	CHEK2	protein_co chr22	28687743	28742422	-	10.09	10.43
ENSG00000108000	FOXL2	protein_co chr3	1.39E+08	1.39E+08	-	0.13	0.16
ENSG00000108000	AIFM3	protein_co chr22	20965108	20981360	+	0.24	0.23
ENSG00000108000	KCTD16	protein_co chr5	1.44E+08	1.44E+08	+	0.78	1.15
ENSG00000108000	B3GALT5	protein_co chr21	39556442	39673137	+	0	0
ENSG00000108000	ZNF703	protein_co chr8	37695751	37700021	+	9.97	11.09
ENSG00000108000	SLC35F3	protein_co chr1	2.34E+08	2.34E+08	+	0	0
ENSG00000108000	KCTD8	protein_co chr4	44173909	44448807	-	2.28	3.02
ENSG00000108000	C9orf66	protein_co chr9	212824	215741	-	0.09	0.02
ENSG00000108000	TUBA8	protein_co chr22	18110331	18146554	+	0.64	0.29
ENSG00000108000	ELOA3	protein_co chr18	47028202	47030078	-	0	0
ENSG00000108000	NPIPA5	protein_co chr16	15363624	15381047	-	1.17	4.02
ENSG00000108000	BPY2B	protein_co chrY	24607560	24639207	+	0	0
ENSG00000108000	EMILIN3	protein_co chr20	41359966	41366827	-	0	0
ENSG00000108000	OLFML1	protein_co chr11	7485388	7511377	+	3.3	4.2
ENSG00000108000	FAM162B	protein_co chr6	1.17E+08	1.17E+08	-	0	0
ENSG00000108000	RBM12B	protein_co chr8	93729356	93741017	-	5.17	5.87
ENSG00000108000	CCR4	protein_co chr3	32951574	32956349	+	0.06	0
ENSG00000108000	LIN9	protein_co chr1	2.26E+08	2.26E+08	-	0.83	1.02
ENSG00000108000	NCF4-AS1	antisense chr22	36847372	36870441	-	0	0
ENSG00000108000	BTBD9	protein_co chr6	38168451	38640148	-	3.82	3.85
ENSG00000108000	NUDT14	protein_co chr14	1.05E+08	1.05E+08	-	16.18	16.58

ENSG0000(ANKRD45	protein_co chr1	1.74E+08	1.74E+08 -	0.04	0
ENSG0000(MAATS1	protein_co chr3	1.2E+08	1.2E+08 +	0.18	0.23
ENSG0000(PNMA3	protein_co chrX	1.53E+08	1.53E+08 +	0.04	0
ENSG0000(GPR39	protein_co chr2	1.32E+08	1.33E+08 +	0.62	0.53
ENSG0000(FAM3B	protein_co chr21	41304212	41357431 +	0	0
ENSG0000(ZNF730	protein_co chr19	23075210	23147219 +	0.02	0
ENSG0000(KIRREL	protein_co chr1	1.58E+08	1.58E+08 +	60.24	62.62
ENSG0000(IQGAP3	protein_co chr1	1.57E+08	1.57E+08 -	0	0.14
ENSG0000(CNGA2	protein_co chrX	1.52E+08	1.52E+08 +	0	0
ENSG0000(TOB2	protein_co chr22	41433492	41447023 -	14.21	14.37
ENSG0000(SCN5A	protein_co chr3	38548057	38649673 -	0.03	0.02
ENSG0000(ARSI	protein_co chr5	1.5E+08	1.5E+08 -	2.9	3.77
ENSG0000(UTY	protein_co chrY	13248379	13480673 -	3.15	2.95
ENSG0000(C1orf64	protein_co chr1	16004236	16008807 +	0	0
ENSG0000(AC138969.	protein_co chr16	16317444	16350590 +	79.86	115.83
ENSG0000(TTC32	protein_co chr2	19896643	19901986 -	4.13	3.4
ENSG0000(LRRC55	protein_co chr11	57181747	57191717 +	0	0
ENSG0000(OR4G2P	unprocessε chr15	1.02E+08	1.02E+08 -	0	0
ENSG0000(RPL21P132	processed_ chrX	1.01E+08	1.01E+08 +	0	0
ENSG0000(DNAH2	protein_co chr17	7717354	7833744 +	0.98	1.01
ENSG0000(SH2D1A	protein_co chrX	1.24E+08	1.24E+08 +	0	0
ENSG0000(SDR42E2	protein_co chr16	22165583	22191754 +	0	0.02
ENSG0000(DUSP5P1	processed_ chr1	2.29E+08	2.29E+08 +	0.16	0.17
ENSG0000(HTR7P1	transcribec chr12	13000420	13004830 +	3.4	2.82
ENSG0000(TRBV21OR	TR_V_gene chr9	33629121	33629586 +	0	0
ENSG0000(PRKX	protein_co chrX	3604370	3713608 -	5.84	7.83
ENSG0000(KMT5A	protein_co chr12	1.23E+08	1.23E+08 +	16.32	14.34
ENSG0000(KCNH8	protein_co chr3	19148454	19535646 +	0	0
ENSG0000(SMTN	protein_co chr22	31064105	31104757 +	6.28	6.75
ENSG0000(NPW	protein_co chr16	2009926	2020755 +	0.12	0.83
ENSG0000(PP2D1	protein_co chr3	19979961	20012330 -	0	0
ENSG0000(COA3	protein_co chr17	42795147	42798704 -	27.58	25.24
ENSG0000(NPB	protein_co chr17	81900745	81902905 +	0.21	0.85
ENSG0000(MAGEA13F	processed_ chrX	1.38E+08	1.38E+08 +	0	0
ENSG0000(ST6GALNA	protein_co chr1	76074719	76634601 +	0	0.12
ENSG0000(PTP4A2	protein_co chr1	31906421	31944856 -	157.97	165.92
ENSG0000(ACTG1	protein_co chr17	81509971	81523847 -	2399.54	2562.1
ENSG0000(TMPRSS2	protein_co chr21	41464551	41531116 -	0.03	0.04
ENSG0000(DENND5A	protein_co chr11	9138825	9265390 -	49	50.88
ENSG0000(OR2T10	protein_co chr1	2.49E+08	2.49E+08 -	0	0
ENSG0000(DSCR4	protein_co chr21	37951425	38121360 -	0	0
ENSG0000(KRTAP20-2	protein_co chr21	30635236	30635619 +	0	0
ENSG0000(CTAG1B	protein_co chrX	1.55E+08	1.55E+08 -	0	0
ENSG0000(DIABLO	protein_co chr12	1.22E+08	1.22E+08 -	29.36	32.59
ENSG0000(OR7E87P	unprocessε chr11	71593454	71594382 +	0	0

ENSG0000(VPS33B	protein_co chr15	90998416	91022603	-	4.93	6.54
ENSG0000(TBX1	protein_co chr22	19756703	19783593	+	0	0.15
ENSG0000(ADAP2	protein_co chr17	30906344	30959322	+	0.55	0.58
ENSG0000(RP5-821D1	antisense chr22	41831215	41834665	-	0.09	0.24
ENSG0000(UQCR10	protein_co chr22	29767369	29770413	+	42.81	43.96
ENSG0000(FAM120C	protein_co chrX	54068324	54183281	-	2.27	2.39
ENSG0000(CTD-2372A	processed_chr5	73803296	73803599	-	0	0
ENSG0000(BRD7P2	processed_chr3	1.6E+08	1.6E+08	+	0.07	0
ENSG0000(TREML3P	transcribed chr6	41208713	41217947	-	0.06	0
ENSG0000(TRIML1	protein_co chr4	1.88E+08	1.88E+08	+	0	0
ENSG0000(EIF3C	protein_co chr16	28688558	28735730	+	165.36	170.07
ENSG0000(RPL11P4	processed_chr10	92596852	92597287	-	0.18	0
ENSG0000(CLDN5	protein_co chr22	19523024	19527545	-	0	0
ENSG0000(RP13-1039	transcribed chr2	1.1E+08	1.1E+08	-	0.35	0.53
ENSG0000(NIPSNAP1	protein_co chr22	29554808	29581337	-	20.47	20.16
ENSG0000(RPL7AP28	processed_chr4	1.32E+08	1.32E+08	-	0	0.14
ENSG0000(OR4F6	protein_co chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(CNTN2	protein_co chr1	2.05E+08	2.05E+08	+	0.1	0.04
ENSG0000(SPRR4	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(LRTOMT	protein_co chr11	72080331	72110782	+	8.31	6.28
ENSG0000(OR10J5	protein_co chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(KCNQ3	protein_co chr8	1.32E+08	1.32E+08	-	0.02	0
ENSG0000(ADRA2C	protein_co chr4	3766348	3768526	+	0.04	0
ENSG0000(NR2C2AP	protein_co chr19	19201416	19203424	-	4.59	4.86
ENSG0000(C1QTNF12	protein_co chr1	1242446	1246722	-	0.67	0.5
ENSG0000(CRELD2	protein_co chr22	49918167	49927540	+	25.5	24.35
ENSG0000(OR1D2	protein_co chr17	3092058	3092996	-	0	0
ENSG0000(SCFD2	protein_co chr4	52872982	53366075	-	5.22	4.32
ENSG0000(UBE2F	protein_co chr2	2.38E+08	2.38E+08	+	39.72	41.99
ENSG0000(KCNJ12	protein_co chr17	21376197	21419872	+	0.33	0.19
ENSG0000(CTC-512J1	processed_chr5	80299678	80302847	-	0	0
ENSG0000(GPR173	protein_co chrX	53049091	53080615	+	4.02	3.76
ENSG0000(PPP1R2	protein_co chr3	1.96E+08	1.96E+08	-	11.85	13.12
ENSG0000(TSPYL2	protein_co chrX	53082367	53088540	+	8.25	8.47
ENSG0000(GOLGA6L4	protein_co chr15	84235773	84245368	+	1.45	1.75
ENSG0000(PGP	protein_co chr16	2211997	2214807	-	2.74	3.32
ENSG0000(C22orf46	protein_co chr22	41688939	41698136	+	7.83	7.48
ENSG0000(SNRNP35	protein_co chr12	1.23E+08	1.23E+08	+	6.3	4.63
ENSG0000(DGAT2L6	protein_co chrX	70177483	70205545	+	0	0
ENSG0000(IRAK1	protein_co chrX	1.54E+08	1.54E+08	-	54.5	60.83
ENSG0000(CMSS1	protein_co chr3	99817834	1E+08	+	6.74	4.08
ENSG0000(OLIG1	protein_co chr21	33070144	33072420	+	0	0
ENSG0000(C11orf72	lincRNA chr11	67602880	67606706	-	1.03	1.5
ENSG0000(PCDH9	protein_co chr13	66302834	67230445	-	0.59	0.73
ENSG0000(ACOT1	protein_co chr14	73537114	73543794	+	4.28	5.6

ENSG0000(OAF	protein_co chr11	1.2E+08	1.2E+08 +	29.11	27.6
ENSG0000(ALDH1A3	protein_co chr15	1.01E+08	1.01E+08 +	61.66	56.4
ENSG0000(CDR1	protein_co chrX	1.41E+08	1.41E+08 -	0	0
ENSG0000(HIST2H2AC	protein_co chr1	1.5E+08	1.5E+08 +	0	0.25
ENSG0000(KCNK12	protein_co chr2	47516581	47570939 -	0	0.01
ENSG0000(HIST2H2AB	protein_co chr1	1.5E+08	1.5E+08 -	0	0
ENSG0000(POU6F1	protein_co chr12	51186936	51217708 -	3.72	5.89
ENSG0000(LINC00315	lincRNA chr21	45300245	45305257 -	0	0
ENSG0000(DEFB108B	protein_co chr11	71833200	71837710 +	0	0
ENSG0000(TM2D3	protein_co chr15	1.02E+08	1.02E+08 -	22.02	19.25
ENSG0000(TSSC4	protein_co chr11	2400488	2403878 +	14.39	16.17
ENSG0000(TACSTD2	protein_co chr1	58575423	58577773 -	0.02	0.08
ENSG0000(CLECL1	protein_co chr12	9715860	9733299 -	0	0
ENSG0000(SIX6	protein_co chr14	60508951	60512850 +	0	0
ENSG0000(DRD5P1	processed_chr2	91684447	91685884 -	0	0
ENSG0000(PRKD1	protein_co chr14	29576479	30191898 -	4.4	4.93
ENSG0000(CCSER1	protein_co chr4	90127535	91601913 +	0	0
ENSG0000(ZDHHC23	protein_co chr3	1.14E+08	1.14E+08 +	2.12	1.58
ENSG0000(MROH7	protein_co chr1	54641754	54710266 +	0.59	0.62
ENSG0000(RPL23AP82	transcribed chr22	50756948	50801309 +	33.16	31.71
ENSG0000(OR51J1	protein_co chr11	5402597	5403547 +	0	0
ENSG0000(S100A7A	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(SRPK3	protein_co chrX	1.54E+08	1.54E+08 +	0	0
ENSG0000(GDF3	protein_co chr12	7689782	7695776 -	0	0
ENSG0000(IQCF2	protein_co chr3	51861629	51863424 +	0	0
ENSG0000(SLIT3	protein_co chr5	1.69E+08	1.69E+08 -	123.26	119.51
ENSG0000(EFNA5	protein_co chr5	1.07E+08	1.08E+08 -	0.77	0.7
ENSG0000(MRGPRES	protein_co chr11	3227698	3232386 -	0	0.05
ENSG0000(KRTAP19-1	protein_co chr21	30479699	30480344 -	0	0
ENSG0000(HIST1H1B	protein_co chr6	27866849	27867529 -	0	0
ENSG0000(SPATA32	protein_co chr17	45254393	45262112 -	0	0
ENSG0000(PKP3	protein_co chr11	392614	404908 +	0.99	0.54
ENSG0000(MAP7D2	protein_co chrX	20006713	20116917 -	0.02	0
ENSG0000(CSF1	protein_co chr1	1.1E+08	1.1E+08 +	41.95	42.27
ENSG0000(COLEC10	protein_co chr8	1.19E+08	1.19E+08 +	0	0.05
ENSG0000(ACTRT3	protein_co chr3	1.7E+08	1.7E+08 -	1.31	1.16
ENSG0000(PLA2G6	protein_co chr22	38111495	38205690 -	11.3	12.53
ENSG0000(MAML2	protein_co chr11	95976598	96343180 -	9.15	10.95
ENSG0000(UMODL1-A	sense_ovei chr21	42102134	42108534 -	0	0
ENSG0000(PABPC1L2E	protein_co chrX	73003517	73005713 +	0	0
ENSG0000(A3GALT2	protein_co chr1	33306766	33321098 -	0	0
ENSG0000(OR4N5	protein_co chr14	20143736	20144662 +	0	0
ENSG0000(SS18L1	protein_co chr20	62143795	62182484 +	5.29	4.29
ENSG0000(KCND2	protein_co chr7	1.2E+08	1.21E+08 +	2.66	2.24
ENSG0000(IRS3P	processed_chr7	1.01E+08	1.01E+08 +	1.7	0.94

ENSG0000(RPL23AP38)	processed_chr3	1595777	1596245	-	0	0
ENSG0000(TOP1MT)	protein_co chr8	1.43E+08	1.43E+08	-	6.58	6.32
ENSG0000(COPB2)	protein_co chr3	1.39E+08	1.39E+08	-	68.12	67.45
ENSG0000(LRRC19)	protein_co chr9	26993136	27005693	-	0	0.02
ENSG0000(THAP7)	protein_co chr22	20999104	21002196	-	12.8	13.46
ENSG0000(AP001062)	antisense chr21	44331234	44335851	+	1.77	1.53
ENSG0000(KNTC1)	protein_co chr12	1.23E+08	1.23E+08	+	1.59	1.37
ENSG0000(CCR10)	protein_co chr17	42678889	42683917	-	2.26	1.89
ENSG0000(NCMAP)	protein_co chr1	24556111	24609328	+	0	0.03
ENSG0000(BPIFC)	protein_co chr22	32413847	32464484	-	0	0
ENSG0000(WDR27)	protein_co chr6	1.69E+08	1.7E+08	-	14.17	12.9
ENSG0000(TXNRD2)	protein_co chr22	19875517	19941992	-	10.26	10.51
ENSG0000(C1QTNF8)	protein_co chr16	1090005	1096244	-	0	0
ENSG0000(OR56A3)	protein_co chr11	5947340	5948361	+	0	0
ENSG0000(FOXO4)	protein_co chrX	71096197	71103535	+	8.97	8.23
ENSG0000(POU3F2)	protein_co chr6	98834592	98839470	+	0.01	0
ENSG0000(PTP4A3)	protein_co chr8	1.41E+08	1.41E+08	+	0.81	0.89
ENSG0000(FOXD4L1)	protein_co chr2	1.13E+08	1.14E+08	+	0	0.07
ENSG0000(TMEM255)	protein_co chr13	1.14E+08	1.14E+08	+	0.26	1.75
ENSG0000(PROS1)	protein_co chr3	93873033	93974066	-	42.13	41.52
ENSG0000(GAST)	protein_co chr17	41712326	41715969	+	0	0
ENSG0000(NUTM1)	protein_co chr15	34343315	34357737	+	0	0
ENSG0000(HDDC3)	protein_co chr15	90929964	90932569	-	5.71	5.47
ENSG0000(BEX5)	protein_co chrX	1.02E+08	1.02E+08	-	0	0.24
ENSG0000(ZFP1)	protein_co chr16	75148492	75172236	+	4.22	3.48
ENSG0000(PTGER4P2)	processed_chr9	62843919	62844170	+	0	0
ENSG0000(CEND1)	protein_co chr11	787104	790123	-	0.45	0.38
ENSG0000(C6orf58)	protein_co chr6	1.28E+08	1.28E+08	+	0.15	0.29
ENSG0000(DHR57C)	protein_co chr17	9771434	9791297	-	0	0
ENSG0000(DUSP8)	protein_co chr11	1554044	1571920	-	0.32	0.24
ENSG0000(SOCS3)	protein_co chr17	78356778	78360077	-	15.78	14.36
ENSG0000(C17orf74)	protein_co chr17	7425615	7427568	+	0	0
ENSG0000(SLITRK6)	protein_co chr13	85792790	85799488	-	0	0
ENSG0000(RP13-786C)	antisense chr11	33880643	33881800	+	0	0
ENSG0000(PIWIL3)	protein_co chr22	24719034	24774720	-	0	0
ENSG0000(LPAR5)	protein_co chr12	6618835	6636447	-	0	0
ENSG0000(XPOT)	protein_co chr12	64404350	64451127	+	70.01	71.16
ENSG0000(TMEM173)	protein_co chr5	1.39E+08	1.39E+08	-	38.82	34.95
ENSG0000(PDE4B)	protein_co chr1	65792514	66374579	+	3.45	4.31
ENSG0000(FAM19A3)	protein_co chr1	1.13E+08	1.13E+08	+	0.23	0.44
ENSG0000(C14orf180)	protein_co chr14	1.05E+08	1.05E+08	+	0	0
ENSG0000(SNN)	protein_co chr16	11668414	11679159	+	9.55	9.45
ENSG0000(FAM167A-)	antisense chr8	11368402	11438658	+	0	0
ENSG0000(KCNH7)	protein_co chr2	1.62E+08	1.63E+08	-	0	0
ENSG0000(RPL7P26)	processed_chr6	17530899	17531652	-	0.09	0

ENSG0000(NELL2	protein_co chr12	44508275	44921848	-	0	0.02
ENSG0000(SPDYE12P	unprocessε chr7	74906673	74913256	-	0	0
ENSG0000(ZNF840P	unprocessε chr20	46484461	46492640	+	0	0
ENSG0000(KRBA2	protein_co chr17	8368637	8376711	-	1.48	1.71
ENSG0000(ZNF72P	unprocessε chr22	15326037	15343065	-	0	0
ENSG0000(MED12	protein_co chrX	71118556	71142454	+	11.43	10.89
ENSG0000(ZNF93	protein_co chr19	19900913	19935575	+	1.12	1.06
ENSG0000(9-Sep	protein_co chr17	77280569	77500596	+	85.84	90.35
ENSG0000(PRSS55	protein_co chr8	10525546	10554166	+	0	0
ENSG0000(ODF4	protein_co chr17	8339864	8346048	+	0	0
ENSG0000(FOXD4L4	protein_co chr9	65736555	65738784	+	0	0.05
ENSG0000(CDCA2	protein_co chr8	25458997	25507920	+	0.13	0.33
ENSG0000(OR7E14P	transcribec chr11	17013998	17053024	+	0	0
ENSG0000(RALYL	protein_co chr8	84182787	84921844	+	0	0
ENSG0000(AMER1	protein_co chrX	64185117	64205744	-	1.13	1.31
ENSG0000(ZBTB40	protein_co chr1	22451851	22531157	+	5.85	6.42
ENSG0000(HIST2H2BE	protein_co chr1	1.5E+08	1.5E+08	-	2.05	2.09
ENSG0000(CLDN6	protein_co chr16	3014712	3020071	-	0.06	0
ENSG0000(OR51M1	protein_co chr11	5389399	5390379	+	0	0
ENSG0000(5-Sep	protein_co chr22	19714464	19724772	+	6.54	5.84
ENSG0000(EIF4ENIF1	protein_co chr22	31436977	31496108	-	7.5	6.79
ENSG0000(LRRC26	protein_co chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(SERINC4	protein_co chr15	43794162	43800221	-	0	0.04
ENSG0000(RNLS	protein_co chr10	88273864	88584530	-	6.98	8.85
ENSG0000(KRTAP6-1	protein_co chr21	30613431	30613930	-	0	0
ENSG0000(APOBR	protein_co chr16	28494649	28498970	+	0.16	0.05
ENSG0000(FAM110C	protein_co chr2	38814	46870	-	0.16	0.18
ENSG0000(DDX53	protein_co chrX	22999961	23003589	+	0	0.02
ENSG0000(OR5AQ1P	unprocessε chr11	56054364	56055299	+	0	0
ENSG0000(ATL3	protein_co chr11	63624087	63671921	-	18.1	17.18
ENSG0000(NDUFA12	protein_co chr12	94897055	95003770	-	34.95	41.15
ENSG0000(AC013269.	protein_co chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(MGAT4EP	transcribec chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(SMIM10	protein_co chrX	1.35E+08	1.35E+08	+	5.21	5
ENSG0000(TCTE3	protein_co chr6	1.7E+08	1.7E+08	-	0.67	0.94
ENSG0000(UBE2G2	protein_co chr21	44768580	44802019	-	32.51	29.21
ENSG0000(SATL1	protein_co chrX	85092287	85109048	-	0	0
ENSG0000(OR4C10P	unprocessε chr11	48432217	48433147	-	0	0
ENSG0000(OSBP2	protein_co chr22	30693782	30907824	+	0.64	0.85
ENSG0000(UNC93B5	unprocessε chr11	67711702	67716005	-	0	0
ENSG0000(B3GALT5-A	antisense chr21	39597147	39612821	-	0	0
ENSG0000(TUSC5	protein_co chr17	1279663	1300987	+	0	0
ENSG0000(PRR23B	protein_co chr3	1.39E+08	1.39E+08	-	0	0
ENSG0000(ZBTB7C	protein_co chr18	48026673	48410752	-	0.03	0.22
ENSG0000(APOO	protein_co chrX	23833353	23907934	-	5.84	6.09

ENSG00000100000	PRR16	protein_co	chr5	1.2E+08	1.21E+08	+	10.38	9.83
ENSG00000100000	TMED9	protein_co	chr5	1.78E+08	1.78E+08	+	210.11	207.16
ENSG00000100000	CYCSP45	processed	chrX	1.54E+08	1.54E+08	+	0	0
ENSG00000100000	DRD1	protein_co	chr5	1.75E+08	1.75E+08	-	0	0
ENSG00000100000	LINC00308	lincRNA	chr21	22098617	22116528	+	0	0
ENSG00000100000	TMEM186	protein_co	chr16	8780384	8797648	-	4.42	4.07
ENSG00000100000	SDR42E1	protein_co	chr16	81988855	82011488	-	0.15	0.27
ENSG00000100000	RBM33	protein_co	chr7	1.56E+08	1.56E+08	+	8.99	9.68
ENSG00000100000	ARMCX2	protein_co	chrX	1.02E+08	1.02E+08	-	31.24	30.88
ENSG00000100000	BTBD6	protein_co	chr14	1.05E+08	1.05E+08	+	17.54	18.32
ENSG00000100000	SRY	protein_co	chrY	2786855	2787699	-	0	0
ENSG00000100000	H1FX	protein_co	chr3	1.29E+08	1.29E+08	-	33.63	33.44
ENSG00000100000	RBM43	protein_co	chr2	1.51E+08	1.51E+08	-	7.34	6.99
ENSG00000100000	SUMO3	protein_co	chr21	44805617	44818779	-	39.17	36.95
ENSG00000100000	IMMP2L	protein_co	chr7	1.11E+08	1.12E+08	-	9.35	6.79
ENSG00000100000	TCEAL2	protein_co	chrX	1.02E+08	1.02E+08	+	0.05	0.06
ENSG00000100000	AC129778	transcribed	chr9	40497850	40566779	+	0.15	0
ENSG00000100000	CLCNKB	protein_co	chr1	16043736	16057308	+	0.07	0.06
ENSG00000100000	DMRTC1B	protein_co	chrX	72777009	72848802	+	0	0
ENSG00000100000	JAG2	protein_co	chr14	1.05E+08	1.05E+08	-	1.39	1.03
ENSG00000100000	FMNL1	protein_co	chr17	45221444	45247320	+	15.59	13.29
ENSG00000100000	NUTM2A	protein_co	chr10	87225448	87236908	+	1.16	1.72
ENSG00000100000	PTRHD1	protein_co	chr2	24789734	24793382	-	9.85	8.47
ENSG00000100000	LCN12	protein_co	chr9	1.37E+08	1.37E+08	+	0	0.2
ENSG00000100000	OR6A2	protein_co	chr11	6794627	6795783	-	0	0
ENSG00000100000	WT1	protein_co	chr11	32387775	32435630	-	4.24	4.53
ENSG00000100000	ZFP90	protein_co	chr16	68530090	68576072	+	8.43	7.48
ENSG00000100000	AQP12A	protein_co	chr2	2.41E+08	2.41E+08	+	0	0
ENSG00000100000	FAM227A	protein_co	chr22	38578120	38656629	-	0.56	0.58
ENSG00000100000	OR6C70	protein_co	chr12	55469200	55470138	-	0	0
ENSG00000100000	MUC6	protein_co	chr11	1012821	1036706	-	0	0
ENSG00000100000	RPL7AP49	processed	chr9	39983821	39984401	-	0	0
ENSG00000100000	NOC4L	protein_co	chr12	1.32E+08	1.32E+08	+	6.4	7.62
ENSG00000100000	USP18	protein_co	chr22	18149899	18177397	+	1.64	1.43
ENSG00000100000	NDUFA6	protein_co	chr22	42085525	42090955	-	30.11	32.85
ENSG00000100000	CHRM5	protein_co	chr15	33968720	34067457	+	0.2	0.04
ENSG00000100000	SORCS2	protein_co	chr4	7192538	7742836	+	2.36	2.64
ENSG00000100000	TMEM121	protein_co	chr14	1.06E+08	1.06E+08	+	3.35	2.68
ENSG00000100000	TMEM106A	protein_co	chr17	43211835	43220041	+	1.83	0.93
ENSG00000100000	SIVA1	protein_co	chr14	1.05E+08	1.05E+08	+	35.72	37.69
ENSG00000100000	TTY13	lincRNA	chrY	21583600	21594666	-	0	0
ENSG00000100000	BRI3BP	protein_co	chr12	1.25E+08	1.25E+08	+	0.79	0.87
ENSG00000100000	IFNE	protein_co	chr9	21480839	21482313	-	1.48	1.5
ENSG00000100000	SLC22A10	protein_co	chr11	63137867	63369718	+	0	0
ENSG00000100000	DGAT1	protein_co	chr8	1.44E+08	1.44E+08	-	11.2	13.35

ENSG0000(RFX6	protein_co chr6	1.17E+08	1.17E+08	+	0	0
ENSG0000(ROBO2	protein_co chr3	75906695	77649964	+	0	0
ENSG0000(AP3M1	protein_co chr10	74120255	74151063	-	13.46	11.9
ENSG0000(F8	protein_co chrX	1.55E+08	1.55E+08	-	4.03	4.2
ENSG0000(NT5C1B	protein_co chr2	18562872	18589572	-	0	0
ENSG0000(CA13	protein_co chr8	85220587	85284073	+	0.48	0.65
ENSG0000(UBOX5	protein_co chr20	3107573	3160196	-	2.17	1.94
ENSG0000(MAFF	protein_co chr22	38200767	38216511	+	6.92	8.53
ENSG0000(BRF1	protein_co chr14	1.05E+08	1.05E+08	-	10.14	11.21
ENSG0000(LRRC14B	protein_co chr5	191511	195353	+	0	0
ENSG0000(SLC2A3P2	processed_chr1	64984608	64986087	-	0.04	0
ENSG0000(SEMA4B	protein_co chr15	90160604	90229679	+	14.63	14.32
ENSG0000(ZNF733P	transcribed_chr7	63291518	63304056	-	0	0
ENSG0000(MROH2A	protein_co chr2	2.34E+08	2.34E+08	+	0.01	0.11
ENSG0000(SPDYE16	protein_co chr7	76531319	76541459	-	0.16	0.09
ENSG0000(CIB1	protein_co chr15	90229975	90234047	-	40.91	41.75
ENSG0000(ANKS1B	protein_co chr12	98726457	99984654	-	0.29	0
ENSG0000(NELFA	protein_co chr4	1982714	2041903	-	8.42	7.73
ENSG0000(SLC24A3	protein_co chr20	19212646	19722937	+	0.12	0.05
ENSG0000(SGCZ	protein_co chr8	14089864	15238339	-	0	0
ENSG0000(EFCAB10	protein_co chr7	1.06E+08	1.06E+08	-	0	0
ENSG0000(C5orf47	protein_co chr5	1.74E+08	1.74E+08	+	0.02	0
ENSG0000(AC000068.	antisense_chr22	19447893	19450105	+	0.16	0.09
ENSG0000(KRT76	protein_co chr12	52768155	52777345	-	0	0
ENSG0000(FLRT2	protein_co chr14	85530144	85654426	+	14.97	12.68
ENSG0000(OR7E31P	unprocessed_chr9	90216039	90216924	+	0	0
ENSG0000(AC093698.	processed_chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(INTS5	protein_co chr11	62646848	62653302	-	7.62	6.64
ENSG0000(RPS27L	protein_co chr15	63125872	63158021	-	221.24	223.95
ENSG0000(MANEAL	protein_co chr1	37793802	37801137	+	0.26	0.24
ENSG0000(ADSSL1	protein_co chr14	1.05E+08	1.05E+08	+	2.02	1.72
ENSG0000(ANO9	protein_co chr11	417933	442011	-	0.02	0.03
ENSG0000(FAF1	protein_co chr1	50437028	50960263	-	17.19	15.8
ENSG0000(MYADML2	protein_co chr17	81939645	81947233	-	0	0
ENSG0000(FAM43A	protein_co chr3	1.95E+08	1.95E+08	+	5.78	6.62
ENSG0000(NSMCE3	protein_co chr15	29264992	29269829	-	3.41	3.76
ENSG0000(HSF1	protein_co chr8	1.44E+08	1.44E+08	+	21.87	21.96
ENSG0000(C6orf120	protein_co chr6	1.7E+08	1.7E+08	+	12.21	13.32
ENSG0000(PURA	protein_co chr5	1.4E+08	1.4E+08	+	5.59	6.09
ENSG0000(HIST1H2BL	protein_co chr6	27807444	27807931	-	0.16	0
ENSG0000(INPP5J	protein_co chr22	31122731	31134696	+	0.2	0.2
ENSG0000(NPY2R	protein_co chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(MIXL1	protein_co chr1	2.26E+08	2.26E+08	+	0	0
ENSG0000(MFSD6L	protein_co chr17	8797162	8799349	-	0	0
ENSG0000(LRRC37B	protein_co chr17	32007872	32053504	+	4.92	6.08

ENSG0000(DDX51	protein_co chr12	1.32E+08	1.32E+08 -	5.96	5.52
ENSG0000(NOMO2	protein_co chr16	18417325	18562211 -	60.15	38.04
ENSG0000(LINC00482	lincRNA chr17	81303771	81309248 -	0	0
ENSG0000(AQP12B	protein_co chr2	2.41E+08	2.41E+08 -	0	0
ENSG0000(ZNF479	protein_co chr7	57119614	57139864 -	0	0
ENSG0000(GOLGA8DP	transcribec chr15	22427039	22437902 -	0	0
ENSG0000(LINC00313	lincRNA chr21	43462094	43479534 -	0.18	0.14
ENSG0000(SIGIRR	protein_co chr11	405716	417455 -	21.52	19.47
ENSG0000(NRBP2	protein_co chr8	1.44E+08	1.44E+08 -	17.19	17.86
ENSG0000(PRSS57	protein_co chr19	685546	695498 -	0	0
ENSG0000(IFITM2	protein_co chr11	307631	315272 +	478.83	499.51
ENSG0000(WASIR1	antisense chrX	1.56E+08	1.56E+08 -	0	0
ENSG0000(WASIR1	antisense chrY	57201143	57203357 -	0	0
ENSG0000(TNFAIP2	protein_co chr14	1.03E+08	1.03E+08 +	38.85	28.36
ENSG0000(ZNF445	protein_co chr3	44431720	44477670 -	2.69	3.28
ENSG0000(PGBD2	protein_co chr1	2.49E+08	2.49E+08 +	1.32	1.78
ENSG0000(GAPDHP24	processed_chr1	2.15E+08	2.15E+08 +	0	0
ENSG0000(TCEAL9	protein_co chrX	1.03E+08	1.03E+08 +	82.77	82.19
ENSG0000(MC2R	protein_co chr18	13882044	13915707 -	0	0.02
ENSG0000(RAB11B	protein_co chr19	8389981	8404434 +	36.78	37.08
ENSG0000(PRMT3	protein_co chr11	20387530	20509294 +	4.86	6.23
ENSG0000(GP1BA	protein_co chr17	4932297	4935030 +	0	0
ENSG0000(PRPF39	protein_co chr14	45084099	45116282 +	13.31	13.94
ENSG0000(MAGEA11	protein_co chrX	1.5E+08	1.5E+08 +	0	0
ENSG0000(PPIL6	protein_co chr6	1.09E+08	1.09E+08 -	1.6	1.2
ENSG0000(ZNF74	protein_co chr22	20394115	20408461 +	3.3	3.53
ENSG0000(KIAA0825	protein_co chr5	94152966	94618597 -	0.51	0.47
ENSG0000(UBALD2	protein_co chr17	76265202	76271299 +	15.16	13.37
ENSG0000(TEX33	protein_co chr22	36991120	37007841 -	0	0
ENSG0000(CDNF	protein_co chr10	14819250	14838575 -	1.75	0.88
ENSG0000(NOTUM	protein_co chr17	81952507	81961840 -	0.06	0
ENSG0000(KLHL33	protein_co chr14	20425870	20435811 -	0.37	0.21
ENSG0000(RBM11	protein_co chr21	14216130	14228372 +	0.1	0
ENSG0000(WBSCR17	protein_co chr7	71132169	71713600 +	0	0
ENSG0000(CD24P4	processed_chrY	18992467	18992709 -	0	0.64
ENSG0000(ZBTB37	protein_co chr1	1.74E+08	1.74E+08 +	1.13	1.17
ENSG0000(NUPR2	protein_co chr7	56114681	56116400 -	0	0
ENSG0000(IL3RA	protein_co chrX	1336616	1382689 +	0	0
ENSG0000(IL3RA	protein_co chrY	1336616	1382689 +	0	0
ENSG0000(SPPL2C	protein_co chr17	45844835	45847072 +	0	0
ENSG0000(CTD-2139B	processed_chr5	17306381	17306960 +	0	0
ENSG0000(CCDC137	protein_co chr17	81666364	81673904 +	6.91	7.1
ENSG0000(SFTPA2	protein_co chr10	79555852	79560402 -	0.03	0
ENSG0000(RGPD2	protein_co chr2	87755955	87825952 -	0.72	0.71
ENSG0000(ARL15	protein_co chr5	53883945	54310582 -	6.46	5.09

ENSG0000(C12orf56	protein_co chr12	64264762	64391192	-	0	0
ENSG0000(SCN10A	protein_co chr3	38696802	38794010	-	0	0
ENSG0000(SSXP4	unprocessε chrX	52598494	52603289	+	0	0
ENSG0000(CDK10	protein_co chr16	89680737	89696364	+	21.34	32.12
ENSG0000(TMEM105	protein_co chr17	81311270	81330674	-	0.03	0.14
ENSG0000(SOCS1	protein_co chr16	11254405	11256179	-	2.74	2.12
ENSG0000(TCN2	protein_co chr22	30606838	30627278	+	10.01	11.47
ENSG0000(GAS2L1	protein_co chr22	29306582	29312785	+	8.72	9.41
ENSG0000(ATP6V0A2	protein_co chr12	1.24E+08	1.24E+08	+	6.71	6.27
ENSG0000(PARK2	protein_co chr6	1.61E+08	1.63E+08	-	1.1	0.62
ENSG0000(C14orf80	protein_co chr14	1.05E+08	1.05E+08	+	2.42	2.45
ENSG0000(HS6ST3	protein_co chr13	96090839	96839562	+	0.37	0.37
ENSG0000(HGS	protein_co chr17	81683326	81703138	+	35.53	41.94
ENSG0000(TNFAIP8L1	protein_co chr19	4639518	4655568	+	1.77	2.29
ENSG0000(OR2V1	protein_co chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(RAD51D	protein_co chr17	35092208	35121522	-	7.63	8.32
ENSG0000(OR7A17	protein_co chr19	14880426	14881452	-	0	0
ENSG0000(MAPK11	protein_co chr22	50263713	50270767	-	6.95	7.89
ENSG0000(FGF7P2	unprocessε chr21	13349265	13350648	+	0	0
ENSG0000(SP140L	protein_co chr2	2.3E+08	2.3E+08	+	6.39	6.09
ENSG0000(MRPL30	protein_co chr2	99181079	99197626	+	9.76	9
ENSG0000(TARSL2	protein_co chr15	1.02E+08	1.02E+08	-	2.96	4.12
ENSG0000(SMYD3	protein_co chr1	2.46E+08	2.47E+08	-	10.42	15.14
ENSG0000(METTL7A	protein_co chr12	50923472	50932517	+	11.19	17.94
ENSG0000(LINC00158	lincRNA chr21	25385820	25431701	-	0	0
ENSG0000(IFNLR1	protein_co chr1	24154157	24187959	-	0.57	0.69
ENSG0000(SH3BGR	protein_co chr21	39445855	39515506	+	2.85	2.1
ENSG0000(FAM174B	protein_co chr15	92617443	92809884	-	0.67	0.64
ENSG0000(FAM47A	protein_co chrX	34129756	34132314	-	0	0
ENSG0000(C19orf68	protein_co chr19	48170692	48197620	+	3.76	3.62
ENSG0000(KPNA7	protein_co chr7	99173574	99207506	-	0	0
ENSG0000(TMEM179t	protein_co chr11	62787415	62790405	+	50.3	49.62
ENSG0000(GPRIN3	protein_co chr4	89236386	89308010	-	0.03	0.02
ENSG0000(KRT6B	protein_co chr12	52446651	52452126	-	0	0
ENSG0000(PARBP	protein_co chr12	1.02E+08	1.02E+08	+	1.02	0.93
ENSG0000(STAC3	protein_co chr12	57243453	57251193	-	0.11	0.4
ENSG0000(ROR1	protein_co chr1	63774022	64181498	+	3.38	3.71
ENSG0000(SDHAP1	transcribec chr3	1.96E+08	1.96E+08	-	11.59	12.75
ENSG0000(RP11-504P	transcribec chr1	2.24E+08	2.24E+08	+	1.02	1
ENSG0000(MUC1	protein_co chr1	1.55E+08	1.55E+08	-	20.62	18.55
ENSG0000(FAAP100	protein_co chr17	81539885	81553961	-	11.53	14.01
ENSG0000(IRF7	protein_co chr11	612553	615999	-	9.99	7.95
ENSG0000(L3MBTL1	protein_co chr20	43507680	43550950	+	2.35	3.74
ENSG0000(BRCC3	protein_co chrX	1.55E+08	1.55E+08	+	7.81	8.82
ENSG0000(SV2B	protein_co chr15	91099950	91301309	+	0.27	0.03

ENSG0000(FAM131C	protein_co chr1	16057769	16073632	-	0.1	0.15
ENSG0000(LMNTD2	protein_co chr11	554855	560779	-	0.55	1.19
ENSG0000(SPATA45	protein_co chr1	2.13E+08	2.13E+08	-	0	0
ENSG0000(PDE6G	protein_co chr17	81650459	81663112	-	0.17	0.19
ENSG0000(PRKG1	protein_co chr10	50991358	52298350	+	11.09	10.7
ENSG0000(NR2F2	protein_co chr15	96325938	96340263	+	19.17	20.9
ENSG0000(DLK1	protein_co chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(TLCD2	protein_co chr17	1702790	1710438	-	2.16	2.53
ENSG0000(LSAMP	protein_co chr3	1.16E+08	1.17E+08	-	0.59	0.27
ENSG0000(AHNAK2	protein_co chr14	1.05E+08	1.05E+08	-	75.19	77.12
ENSG0000(OLFML2A	protein_co chr9	1.25E+08	1.25E+08	+	1.5	1.56
ENSG0000(SP1	protein_co chr12	53380176	53416446	+	27.55	26.14
ENSG0000(SPATA8	protein_co chr15	96783389	96785615	+	0	0
ENSG0000(WASH3P	transcribed chr15	1.02E+08	1.02E+08	+	20.14	18.19
ENSG0000(ACTBP7	processed_chr15	43989061	43990184	-	0	0
ENSG0000(MRPL40	protein_co chr22	19431902	19436075	+	18.42	19.63
ENSG0000(DBX2	protein_co chr12	45014672	45051099	-	0	0
ENSG0000(FAM212A	protein_co chr3	49803254	49805030	+	3.32	2.18
ENSG0000(PDIA2	protein_co chr16	283152	287215	+	0.1	0.69
ENSG0000(PCGF3	protein_co chr4	705748	770640	+	18.59	19.65
ENSG0000(LMLN	protein_co chr3	1.98E+08	1.98E+08	+	3.78	3.81
ENSG0000(P4HB	protein_co chr17	81843159	81860694	-	1048.19	949.72
ENSG0000(PSMD13	protein_co chr11	236546	252984	+	47.14	46.95
ENSG0000(PBX1	protein_co chr1	1.65E+08	1.65E+08	+	45.85	46.05
ENSG0000(AC017079.	processed_chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(NDUFA4L2	protein_co chr12	57234903	57240715	-	39.98	32.37
ENSG0000(SHC4	protein_co chr15	48823735	48963444	-	1.07	1.9
ENSG0000(FTH1P14	processed_chrX	34147036	34147586	+	0	0
ENSG0000(KRT79	protein_co chr12	52821410	52834295	-	0.03	0
ENSG0000(CTD-2287C	processed_chr5	1.16E+08	1.16E+08	-	0	0
ENSG0000(ZFP36L1	protein_co chr14	68787660	68796253	-	104.59	119.5
ENSG0000(UBE2L3	protein_co chr22	21549447	21624034	+	20.04	21.44
ENSG0000(NTF3	protein_co chr12	5432112	5521536	+	0.06	0.19
ENSG0000(BRWD1	protein_co chr21	39184176	39321559	-	5.51	6.61
ENSG0000(SMIM23	protein_co chr5	1.72E+08	1.72E+08	+	0	0
ENSG0000(PMEL	protein_co chr12	55954105	55973317	-	1.26	1
ENSG0000(SYN3	protein_co chr22	32512552	33058372	-	0	0
ENSG0000(POU3F1	protein_co chr1	38044611	38046794	-	0.08	0
ENSG0000(SNAI3	protein_co chr16	88677682	88686493	-	0.1	0
ENSG0000(ZBTB3	protein_co chr11	62748319	62754188	-	1.32	1.09
ENSG0000(LYG2	protein_co chr2	99242246	99255282	-	0	0
ENSG0000(MORN5	protein_co chr9	1.22E+08	1.22E+08	+	0.26	0
ENSG0000(EP400NL	protein_co chr12	1.32E+08	1.32E+08	+	3.62	3.25
ENSG0000(PRAME	protein_co chr22	22547701	22559361	-	0	0
ENSG0000(C6orf201	protein_co chr6	4079209	4130951	+	0	0

ENSG00000100000	MYBL1	protein_co	chr8	66562175	66614247	-	0.24	0.2
ENSG00000100000	TTY8B	lincRNA	chrY	6470773	6473630	-	0	0
ENSG00000100000	OR5M5P	unprocessed	chr11	56526568	56527503	-	0	0
ENSG00000100000	SMG1P4	transcribed	chr16	21879338	21919156	-	3.28	4.16
ENSG00000100000	C16orf52	protein_co	chr16	22007638	22087534	+	5.74	6.1
ENSG00000100000	DRG1	protein_co	chr22	31399523	31530634	+	21.86	21.73
ENSG00000100000	ANKFY1	protein_co	chr17	4163907	4263977	-	16.08	18.27
ENSG00000100000	YTHDF3	protein_co	chr8	63168553	63212786	+	29.76	30.26
ENSG00000100000	ZNF696	protein_co	chr8	1.43E+08	1.43E+08	+	2.43	1.78
ENSG00000100000	ADARB2	protein_co	chr10	1177318	1737476	-	0.1	0
ENSG00000100000	NRG3	protein_co	chr10	81875314	82987179	+	0	0
ENSG00000100000	SRL	protein_co	chr16	4189374	4242080	-	0	0.03
ENSG00000100000	C11orf87	protein_co	chr11	1.09E+08	1.09E+08	+	0.25	0.12
ENSG00000100000	IFIT1	protein_co	chr10	89392546	89406486	+	19.06	19.42
ENSG00000100000	CXorf38	protein_co	chrX	40626921	40647554	-	2.36	3.14
ENSG00000100000	CLDN24	protein_co	chr4	1.83E+08	1.83E+08	-	0	0
ENSG00000100000	KCNQ5	protein_co	chr6	72621792	73198851	+	0.12	0.3
ENSG00000100000	ADAMTSL5	protein_co	chr19	1505018	1513604	-	6.07	6.1
ENSG00000100000	KCNIP4	protein_co	chr4	20728616	21948799	-	0	0
ENSG00000100000	SPATA31A	protein_co	chr9	42183659	42189882	+	0	0
ENSG00000100000	MORF4L1	protein_co	chr15	78810487	78898133	+	252.59	246.45
ENSG00000100000	NLRP9	protein_co	chr19	55708432	55738402	-	0	0
ENSG00000100000	WDR53	protein_co	chr3	1.97E+08	1.97E+08	-	4.3	2.45
ENSG00000100000	DMWD	protein_co	chr19	45782947	45792802	-	16.75	19.29
ENSG00000100000	SLC52A2	protein_co	chr8	1.44E+08	1.44E+08	+	19.34	20.18
ENSG00000100000	PIGP	protein_co	chr21	37059170	37073170	-	13.07	15.63
ENSG00000100000	IKZF1	protein_co	chr7	50304124	50405101	+	0	0
ENSG00000100000	PCYT2	protein_co	chr17	81900965	81911464	-	14.78	16.02
ENSG00000100000	NAT8L	protein_co	chr4	2059512	2069089	+	0.03	0.03
ENSG00000100000	OR6C76	protein_co	chr12	55426254	55427192	+	0	0
ENSG00000100000	NPAP1	protein_co	chr15	24675868	24683393	+	0.03	0
ENSG00000100000	BCAP31	protein_co	chrX	1.54E+08	1.54E+08	-	77.74	75.89
ENSG00000100000	ARL17A	protein_co	chr17	46516702	46579682	-	7.5	8.02
ENSG00000100000	RPL12P4	processed	chr20	55074644	55075140	+	0	0.19
ENSG00000100000	CECR5-AS1	antisense	chr22	17159384	17165445	+	0.39	0.12
ENSG00000100000	GNB1L	protein_co	chr22	19783224	19854939	-	1.53	1.42
ENSG00000100000	RP4-592A1	processed	chr1	58630841	58631530	-	0	0
ENSG00000100000	DNAH14	protein_co	chr1	2.25E+08	2.25E+08	+	3.62	2.42
ENSG00000100000	LINC01405	lincRNA	chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	CCDC190	protein_co	chr1	1.63E+08	1.63E+08	-	0.14	0.18
ENSG00000100000	EVI2B	protein_co	chr17	31303766	31314112	-	17.18	18.48
ENSG00000100000	TMEM210	protein_co	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000100000	NPIP4	protein_co	chr16	21834569	21880827	-	13.8	14.65
ENSG00000100000	ZNF829	protein_co	chr19	36888124	36916291	-	1.1	1.51
ENSG00000100000	TMPRSS11	protein_co	chr4	68226653	68245720	-	0.02	0

ENSG0000(THNSL1	protein_co chr10	25016658	25026664	+	1.16	1.79
ENSG0000(TRIM69	protein_co chr15	44728988	44767829	+	10.25	10.8
ENSG0000(ATP6VOC	protein_co chr16	2513870	2520218	+	102.65	100.76
ENSG0000(IFITM1	protein_co chr11	313506	315272	+	146.57	113.62
ENSG0000(PRSS38	protein_co chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(BPY2C	protein_co chrY	25030901	25062548	-	0	0
ENSG0000(LAMP1	protein_co chr13	1.13E+08	1.13E+08	+	327.15	324.53
ENSG0000(FFAR3	protein_co chr19	35358460	35360485	+	0	0
ENSG0000(TAS2R60	protein_co chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(POMK	protein_co chr8	43093506	43123434	+	1.89	1.94
ENSG0000(OR11N1P	processed_chrX	1.31E+08	1.31E+08	-	0	0
ENSG0000(LINC00839	lincRNA chr10	42475543	42495336	+	0.97	1.48
ENSG0000(C16orf54	protein_co chr16	29742463	29746006	-	0	0
ENSG0000(KLHDC8B	protein_co chr3	49171611	49176486	+	58.11	65.4
ENSG0000(KLHL34	protein_co chrX	21654690	21658330	-	0	0
ENSG0000(SETD4	protein_co chr21	36034541	36079389	-	7.63	7.83
ENSG0000(PTCH1	protein_co chr9	95442980	95517057	-	4.75	2.15
ENSG0000(RTN4RL1	protein_co chr17	1934677	2025345	-	0.04	0
ENSG0000(OR4C46	protein_co chr11	54603069	54603998	-	0	0
ENSG0000(CALHM1	protein_co chr10	1.03E+08	1.03E+08	-	0	0.02
ENSG0000(KRTAP5-5	protein_co chr11	1629775	1630707	+	0	0
ENSG0000(NKAIN3	protein_co chr8	62248591	62999652	+	0	0
ENSG0000(RNPC3	protein_co chr1	1.04E+08	1.04E+08	+	7.59	7.71
ENSG0000(ZNF267	protein_co chr16	31873758	31917357	+	2.35	1.86
ENSG0000(IRS2	protein_co chr13	1.1E+08	1.1E+08	-	3.99	4.21
ENSG0000(C7orf61	protein_co chr7	1E+08	1E+08	-	0.59	0.3
ENSG0000(FAM186A	protein_co chr12	50326230	50396622	-	0	0
ENSG0000(SHOX	protein_co chrX	624344	659411	+	0.03	0.05
ENSG0000(SHOX	protein_co chrY	624344	659411	+	0.03	0.05
ENSG0000(LCE3A	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(BICD2	protein_co chr9	92711363	92764812	-	9.13	8.94
ENSG0000(LCE3E	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(CCIN	protein_co chr9	36169394	36171334	+	0.2	0.47
ENSG0000(TMLHE	protein_co chrX	1.55E+08	1.56E+08	-	5.75	5.89
ENSG0000(GRK1	protein_co chr13	1.14E+08	1.14E+08	+	0	0
ENSG0000(DEFB128	protein_co chr20	187853	189681	-	0	0
ENSG0000(SLITRK2	protein_co chrX	1.46E+08	1.46E+08	+	0.02	0
ENSG0000(SDHAP3	transcribec chr5	1572222	1594620	-	2.39	2.39
ENSG0000(PLK5	protein_co chr19	1524074	1535456	+	0.37	0.71
ENSG0000(RASA3	protein_co chr13	1.14E+08	1.14E+08	-	10.76	11.37
ENSG0000(LRCH3	protein_co chr3	1.98E+08	1.98E+08	+	15.89	14.93
ENSG0000(LEMD1	protein_co chr1	2.05E+08	2.05E+08	-	0	0
ENSG0000(RPS4XP21	processed_chr19	34092561	34093310	-	0	0
ENSG0000(ATP4B	protein_co chr13	1.14E+08	1.14E+08	-	0	0
ENSG0000(NDUFA13	protein_co chr19	19515736	19529054	+	99.72	95.49

ENSG0000(ZNF566	protein_co chr19	36445119	36489902	-	3.24	2.89
ENSG0000(AC084219.	antisense chr19	44105463	44113145	-	0.96	0.98
ENSG0000(ZNF529	protein_co chr19	36534774	36605276	-	1.97	2.37
ENSG0000(ZNF284	protein_co chr19	44072144	44089613	+	0.68	0.99
ENSG0000(HTR3E	protein_co chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(DLEU7	protein_co chr13	50711008	50843939	-	0	0
ENSG0000(KRT73	protein_co chr12	52607570	52618559	-	0	0
ENSG0000(TAL2	protein_co chr9	1.06E+08	1.06E+08	+	0.41	0
ENSG0000(MATN1-AS	antisense chr1	30718504	30726827	+	1.22	0.66
ENSG0000(AIDA	protein_co chr1	2.23E+08	2.23E+08	-	32.93	32.57
ENSG0000(C15orf41	protein_co chr15	36579611	36810248	+	3.48	5.56
ENSG0000(CD300LF	protein_co chr17	74694311	74712978	-	0	0
ENSG0000(ZBP2	protein_co chr17	39868164	39877896	+	0	0
ENSG0000(RP11-887P	processed_chr12	93640822	93641586	-	0	0
ENSG0000(KRT5	protein_co chr12	52514575	52520687	-	0	0
ENSG0000(KRT18P14	processed_chr11	35860249	35861498	-	0	0
ENSG0000(NBPF6	protein_co chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(GSAP	protein_co chr7	77310751	77416400	-	2.86	3.05
ENSG0000(HTR3D	protein_co chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(OR4F5	protein_co chr1	69091	70008	+	0	0
ENSG0000(AGBL4	protein_co chr1	48532855	50023913	-	0	0
ENSG0000(ARGFX	protein_co chr3	1.22E+08	1.22E+08	+	0	0
ENSG0000(CYP2R1	protein_co chr11	14877440	14892252	-	2.88	3.3
ENSG0000(LRRC70	protein_co chr5	62578735	62581448	+	0.03	0.1
ENSG0000(ANKRD46	protein_co chr8	1.01E+08	1.01E+08	-	3.73	3.26
ENSG0000(PIP5K1C	protein_co chr19	3630183	3700479	-	16.03	16.99
ENSG0000(OR5D14	protein_co chr11	55795556	55796500	+	0	0
ENSG0000(CYP4F2	protein_co chr19	15878023	15898120	-	0	0
ENSG0000(TEX38	protein_co chr1	46668855	46673594	+	0	0
ENSG0000(OR5D18	protein_co chr11	55819630	55820571	+	0	0
ENSG0000(OR9M1P	unprocessε chr11	55855592	55856512	+	0	0
ENSG0000(ZBTB6	protein_co chr9	1.23E+08	1.23E+08	-	2.26	2
ENSG0000(C2orf76	protein_co chr2	1.19E+08	1.19E+08	-	6.39	6.16
ENSG0000(TAS2R42	protein_co chr12	11185993	11186937	-	0	0
ENSG0000(POLR3C	protein_co chr1	1.46E+08	1.46E+08	+	12.35	12.41
ENSG0000(PRR30	protein_co chr2	27136848	27139410	-	0	0
ENSG0000(DEFB131	protein_co chr4	9444534	9450514	+	0	0
ENSG0000(AC013271.	transcribec chr2	1.1E+08	1.1E+08	+	1.05	1.75
ENSG0000(UBL4B	protein_co chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(LILRP1	unprocessε chr19	54696604	54700905	+	0	0
ENSG0000(WWOX	protein_co chr16	78099413	79212667	+	3.75	3.32
ENSG0000(CYP4Z1	protein_co chr1	47067488	47118319	+	0	0
ENSG0000(CIDECP	transcribec chr3	10014238	10026365	-	8.55	9.45
ENSG0000(TRY2P	transcribec chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(CCDC84	protein_co chr11	1.19E+08	1.19E+08	+	6.63	6.16

ENSG0000(BCL9L	protein_co chr11	1.19E+08	1.19E+08 -	49.5	47.29
ENSG0000(POLR1D	protein_co chr13	27620742	27744237 +	37.68	36.34
ENSG0000(KIF18B	protein_co chr17	44924709	44947711 -	0.07	0.12
ENSG0000(ZNRF1	protein_co chr16	74999030	75110994 +	10.1	9.4
ENSG0000(FFAR4	protein_co chr10	93566665	93604480 +	0	0
ENSG0000(BPIFB3	protein_co chr20	33055424	33073628 +	0	0
ENSG0000(BPIFB4	protein_co chr20	33079644	33111751 +	0.36	0
ENSG0000(SAPCD2	protein_co chr9	1.37E+08	1.37E+08 -	0	0
ENSG0000(EDARADD	protein_co chr1	2.36E+08	2.36E+08 +	0.17	0.06
ENSG0000(SLC51B	protein_co chr15	65045370	65053396 +	0	0
ENSG0000(CYP4F12	protein_co chr19	15672757	15697174 +	0	0.07
ENSG0000(1-Mar	protein_co chr1	2.21E+08	2.21E+08 +	0.65	0.62
ENSG0000(LCE5A	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(SOWAHB	protein_co chr4	76894928	76898147 -	0.02	0
ENSG0000(BLOC1S4	protein_co chr4	6716055	6717671 +	5.59	7.12
ENSG0000(LCE1E	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(ZNF749	protein_co chr19	57435329	57445485 +	3.23	4.77
ENSG0000(KLHL32	protein_co chr6	96924620	97140754 +	0	0
ENSG0000(FAM86MP	unprocessε chr4	9692495	9702954 +	0	0
ENSG0000(AC016757.	processed_ chr2	2.38E+08	2.38E+08 -	0.03	0.64
ENSG0000(RP11-1079	processed_ chr17	49400429	49400800 -	0	0
ENSG0000(MKL2	protein_co chr16	14071321	14266773 +	3.68	5.18
ENSG0000(BTLA	protein_co chr3	1.12E+08	1.12E+08 -	0	0.3
ENSG0000(OR10D4P	unprocessε chr11	1.24E+08	1.24E+08 -	0	0
ENSG0000(ZNF17	protein_co chr19	57411163	57421939 +	2.6	1.68
ENSG0000(KDM4D	protein_co chr11	94973681	94999518 +	0.36	0.32
ENSG0000(GPAT2	protein_co chr2	96021946	96039451 -	0.11	0.14
ENSG0000(TOR3A	protein_co chr1	1.79E+08	1.79E+08 +	11.32	12.98
ENSG0000(PABPC1L2/	protein_co chrX	73077276	73079512 -	0	0
ENSG0000(GABRA5	protein_co chr15	26866363	26949207 +	0	0
ENSG0000(PPP1CC	protein_co chr12	1.11E+08	1.11E+08 -	31.5	41.81
ENSG0000(ZNF555	protein_co chr19	2841435	2860484 +	1.78	2.08
ENSG0000(MST1P2	unprocessε chr1	16645622	16650289 +	0.44	0.47
ENSG0000(OR10T2	protein_co chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(NAP1L3	protein_co chrX	93670930	93673568 -	1.84	1.66
ENSG0000(CA5BP1	transcribec chrX	15674932	15703724 +	8.44	7.12
ENSG0000(PRELID2	protein_co chr5	1.45E+08	1.46E+08 -	8.04	6.56
ENSG0000(BACE1	protein_co chr11	1.17E+08	1.17E+08 -	43.92	46.79
ENSG0000(RGS9BP	protein_co chr19	32675407	32678300 +	0.06	0.08
ENSG0000(RP11-140K	processed_ chr6	34715613	34715940 +	0	0
ENSG0000(TMEM212	protein_co chr3	1.72E+08	1.72E+08 +	2.47	1.38
ENSG0000(SLC36A3	protein_co chr5	1.51E+08	1.51E+08 -	0.09	0.08
ENSG0000(SLC36A2	protein_co chr5	1.51E+08	1.51E+08 -	0.02	0.04
ENSG0000(THBS2	protein_co chr6	1.69E+08	1.69E+08 -	357.19	343.1
ENSG0000(RXRA	protein_co chr9	1.34E+08	1.34E+08 +	14.69	16.31

ENSG0000(ANKRD37	protein_co chr4	1.85E+08	1.85E+08 +	5.82	5.93
ENSG0000(C9orf47	protein_co chr9	88990863	88996140 +	0.19	0.09
ENSG0000(NUDT17	protein_co chr1	1.46E+08	1.46E+08 +	1.4	1.48
ENSG0000(KIAA1024L	protein_co chr5	1.3E+08	1.3E+08 +	0	0.03
ENSG0000(LINC00643	transcribec chr14	62114353	62130962 +	0.03	0.02
ENSG0000(ZNF75D	protein_co chrX	1.35E+08	1.35E+08 -	3.63	3
ENSG0000(CYP4X1	protein_co chr1	47023568	47050751 +	0.16	0.18
ENSG0000(KRT26	protein_co chr17	40766238	40772162 -	0	0
ENSG0000(KRT10	protein_co chr17	40818117	40822595 -	15.51	17.43
ENSG0000(GOLGA8R	protein_co chr15	30403740	30414162 -	1.63	1.91
ENSG0000(CD300E	protein_co chr17	74609887	74623738 -	0	0
ENSG0000(CCDC30	protein_co chr1	42463330	42654664 +	1.73	2.15
ENSG0000(NKRF	protein_co chrX	1.2E+08	1.2E+08 -	1.81	2.2
ENSG0000(GLDN	protein_co chr15	51341629	51408013 +	0.01	0.14
ENSG0000(FCAR	protein_co chr19	54874248	54890472 +	0.04	0.16
ENSG0000(KPNA4	protein_co chr3	1.6E+08	1.61E+08 -	11.1	12.65
ENSG0000(TRDN	protein_co chr6	1.23E+08	1.24E+08 -	0	0
ENSG0000(OR6P1	protein_co chr1	1.59E+08	1.59E+08 -	0	0
ENSG0000(KRT3	protein_co chr12	52789685	52796117 -	0	0
ENSG0000(ZNF501	protein_co chr3	44729596	44737083 +	1.53	1.85
ENSG0000(ZNF197	protein_co chr3	44584888	44648471 +	6.32	6.31
ENSG0000(SPATA12	protein_co chr3	57060441	57075432 +	0.16	0.1
ENSG0000(TMPRSS12	protein_co chr12	50842920	50887884 +	0.02	0
ENSG0000(FAM228A	protein_co chr2	24175069	24200849 +	0.32	0.31
ENSG0000(DEFB132	protein_co chr20	257736	261096 +	0	0
ENSG0000(NAP1L2	protein_co chrX	73212299	73214848 -	0.04	0.05
ENSG0000(AQP7P1	unprocessε chr9	63317067	63333091 -	0	0
ENSG0000(RPS23	protein_co chr5	82273358	82278577 -	1035.8	1032.17
ENSG0000(GNG2	protein_co chr14	51826195	51979342 +	4.5	3.46
ENSG0000(BTN3A2	protein_co chr6	26365159	26378320 +	10.91	12.27
ENSG0000(AKAP14	protein_co chrX	1.2E+08	1.2E+08 +	0.4	0.22
ENSG0000(PCLO	protein_co chr7	82754013	83162930 -	0	0
ENSG0000(KLK12	protein_co chr19	51029092	51035230 -	0	0
ENSG0000(RGS7BP	protein_co chr5	64506257	64612312 +	0	0
ENSG0000(INSIG1	protein_co chr7	1.55E+08	1.55E+08 +	32.46	36.44
ENSG0000(ANKRD20A	transcribec chr18	14179097	14252140 +	0.06	0.02
ENSG0000(MYT1L	protein_co chr2	1789113	2331260 -	0.12	0.15
ENSG0000(C5orf38	protein_co chr5	2752131	2755397 +	0	0
ENSG0000(ZNF396	protein_co chr18	35366697	35377337 -	1.52	1.42
ENSG0000(TMEM222	protein_co chr1	27322145	27336400 +	25.78	23.28
ENSG0000(OR9I2P	unprocessε chr11	58144495	58145397 +	0	0
ENSG0000(OR9Q1	protein_co chr11	58023881	58181616 +	0	0
ENSG0000(CLCNKA	protein_co chr1	16018875	16034050 +	0.03	0
ENSG0000(OR9Q2	protein_co chr11	58190434	58191518 +	0	0
ENSG0000(ARHGAP30	protein_co chr1	1.61E+08	1.61E+08 -	0	0

ENSG00000100000	10-Sep	protein_co	chr2	1.1E+08	1.1E+08	-	43.93	41.49
ENSG00000100000	FAM86B1	protein_co	chr8	12182096	12194133	-	2.69	2.08
ENSG00000100000	CYP4F8	protein_co	chr19	15615218	15630638	+	0.07	0.02
ENSG00000100000	CYP4F3	protein_co	chr19	15640897	15662825	+	0.02	0
ENSG00000100000	SMYD4	protein_co	chr17	1779485	1830634	-	4.01	4.31
ENSG00000100000	CROCCP5	unprocessε	chr1	21434318	21437558	+	0	0
ENSG00000100000	DEFB105A	protein_co	chr8	7821966	7823889	-	0	0
ENSG00000100000	FOXD2	protein_co	chr1	47436017	47440691	+	0.09	0.05
ENSG00000100000	GPATCH8	protein_co	chr17	44395284	44503430	-	10.74	11.26
ENSG00000100000	CEACAM19	protein_co	chr19	44662278	44684359	+	4.67	5.17
ENSG00000100000	DEFB107A	protein_co	chr8	7811720	7815716	-	0	0
ENSG00000100000	NF2	protein_co	chr22	29603556	29698598	+	8.57	7.77
ENSG00000100000	C6orf1	protein_co	chr6	34246380	34249470	-	17.65	16.76
ENSG00000100000	DEFB106A	protein_co	chr8	7825172	7829053	+	0	0
ENSG00000100000	SPATC1	protein_co	chr8	1.44E+08	1.44E+08	+	0	0
ENSG00000100000	UBE2H	protein_co	chr7	1.3E+08	1.3E+08	-	41.66	41.23
ENSG00000100000	MIR22HG	lincRNA	chr17	1711493	1717174	-	32.16	32.11
ENSG00000100000	DEFB105B	protein_co	chr8	7487669	7489593	+	0	0
ENSG00000100000	HPDL	protein_co	chr1	45326905	45328533	+	0.1	0.31
ENSG00000100000	KTN1-AS1	antisense	chr14	55499278	55580110	-	2.17	1.47
ENSG00000100000	KATNA1	protein_co	chr6	1.5E+08	1.5E+08	-	9.11	11.08
ENSG00000100000	FSD2	protein_co	chr15	82755362	82806070	-	0.08	0.05
ENSG00000100000	ARAP1	protein_co	chr11	72685069	72793599	-	42.35	40.94
ENSG00000100000	KIF24	protein_co	chr9	34252381	34311371	-	0.45	0.46
ENSG00000100000	PDE2A	protein_co	chr11	72576141	72674591	-	0.28	0.57
ENSG00000100000	SPDYE17	unprocessε	chr7	77024691	77030572	-	0	0
ENSG00000100000	CARMIL3	protein_co	chr14	24052000	24069728	+	0.05	0.03
ENSG00000100000	PRG2	protein_co	chr11	57386794	57390657	-	0	0
ENSG00000100000	PRR5	protein_co	chr22	44668547	44737681	+	1.36	1.39
ENSG00000100000	ZFP91	protein_co	chr11	58579111	58621042	+	19.55	20.75
ENSG00000100000	C17orf58	protein_co	chr17	67991101	67996431	-	7.33	9.39
ENSG00000100000	BCDIN3D	protein_co	chr12	49836039	49843129	-	1.82	2.24
ENSG00000100000	MAGEE2	protein_co	chrX	75782988	75785236	-	0	0.03
ENSG00000100000	EEF1GP1	processed_	chr7	1.25E+08	1.25E+08	+	0.09	0
ENSG00000100000	RP11-266I2	unprocessε	chrX	55172717	55176026	+	0	0
ENSG00000100000	CYP27C1	protein_co	chr2	1.27E+08	1.27E+08	-	0.08	0.09
ENSG00000100000	LYRM7	protein_co	chr5	1.31E+08	1.31E+08	+	2.78	2.04
ENSG00000100000	DTX2P1	transcribec	chr7	76978617	77004308	+	0	0.49
ENSG00000100000	CFAP73	protein_co	chr12	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	CCDC73	protein_co	chr11	32602246	32794658	-	0	0
ENSG00000100000	MST1L	transcribec	chr1	16754910	16770237	-	0.53	0.86
ENSG00000100000	BCR	protein_co	chr22	23179704	23318037	+	11.98	11.89
ENSG00000100000	OR10H1	protein_co	chr19	15807003	15808126	-	0	0
ENSG00000100000	MPPED1	protein_co	chr22	43411196	43507848	+	0	0
ENSG00000100000	TP11P3	processed_	chr6	1.16E+08	1.16E+08	+	0.09	0

ENSG0000(FSCN2	protein_co chr17	81528396	81537130	+	0.38	0.36
ENSG0000(FOXI2	protein_co chr10	1.28E+08	1.28E+08	+	0	0
ENSG0000(SPIN4	protein_co chrX	63347228	63351344	-	0.52	0.54
ENSG0000(ZNF732	protein_co chr4	270675	305321	-	0	0
ENSG0000(SPIN2B	protein_co chrX	57118551	57121546	-	3.89	6.31
ENSG0000(SPATA31D:	protein_co chr9	81943586	81950038	+	0	0
ENSG0000(FOXE3	protein_co chr1	47416072	47418052	+	0	0
ENSG0000(HYAL3	protein_co chr3	50292831	50299468	-	2.93	2.39
ENSG0000(KCNK18	protein_co chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(IFNA10	protein_co chr9	21206181	21207143	-	0	0
ENSG0000(VSIG10L	protein_co chr19	51331536	51342124	-	0.98	1.09
ENSG0000(CXCR3	protein_co chrX	71615916	71618517	-	0	0
ENSG0000(ZNF397	protein_co chr18	35241030	35267133	+	10.08	8.1
ENSG0000(ZSCAN30	protein_co chr18	35251058	35290245	-	16.2	14.01
ENSG0000(TPCN1	protein_co chr12	1.13E+08	1.13E+08	+	19.02	17.35
ENSG0000(LILRB4	protein_co chr19	54643889	54670359	+	0	0
ENSG0000(C2orf27B	lincRNA chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(TNFRSF4	protein_co chr1	1211326	1214138	-	0	0
ENSG0000(KRT17P2	transcribec chr17	18426861	18431848	+	0.08	0.61
ENSG0000(KRT16	protein_co chr17	41609778	41615899	-	0	0.08
ENSG0000(HEXIM1	protein_co chr17	45148502	45152101	+	12.34	11.88
ENSG0000(SELENOV	protein_co chr19	39515113	39520686	+	0	0
ENSG0000(LINC00846	3prime_ov chr21	32572238	32575881	-	0.04	0.07
ENSG0000(LCE1A	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(KRT14	protein_co chr17	41582279	41586921	-	0	0
ENSG0000(TRABD2A	protein_co chr2	84821650	84907008	-	4.87	5.28
ENSG0000(KRTAP17-1	protein_co chr17	41314917	41315695	-	0	0
ENSG0000(PDZD7	protein_co chr10	1.01E+08	1.01E+08	-	0.55	0.43
ENSG0000(POFUT2	protein_co chr21	45263928	45287898	-	30.23	27.63
ENSG0000(QRFPR	protein_co chr4	1.21E+08	1.21E+08	-	0	0
ENSG0000(MAPT	protein_co chr17	45894382	46028334	+	1.01	0.55
ENSG0000(ERCC6L	protein_co chrX	72204657	72239047	-	0	0.01
ENSG0000(OR13F1	protein_co chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(OR5D3P	unprocessε chr11	55726118	55727158	+	0	0
ENSG0000(TMEM17	protein_co chr2	62500221	62511894	-	1.64	2.05
ENSG0000(TNFRSF18	protein_co chr1	1203508	1206691	-	0.22	0.72
ENSG0000(FGF3	protein_co chr11	69810224	69819024	-	0	0
ENSG0000(C1QL4	protein_co chr12	49332411	49337188	-	0	0
ENSG0000(RTN4RL2	protein_co chr11	57460549	57477534	+	3.09	3.19
ENSG0000(ZDHHC17	protein_co chr12	76763588	76853696	+	16.24	18.94
ENSG0000(SERPINA11	protein_co chr14	94442464	94452790	-	0	0
ENSG0000(P2RY4	protein_co chrX	70258170	70259764	-	0.04	0.04
ENSG0000(ZNF395	protein_co chr8	28345585	28402701	-	32.71	29.65
ENSG0000(ZACN	protein_co chr17	76071961	76083666	+	0.14	0.02
ENSG0000(KRTAP22-1	protein_co chr21	30601087	30601382	+	0	0

ENSG0000(KRTAP19-6	protein_co chr21	30541535	30541864	-	0	0
ENSG0000(KRTAP6-2	protein_co chr21	30598590	30598902	-	0	0
ENSG0000(CHCHD2P9	processed_chr9	79391304	79391759	+	0	0
ENSG0000(OR13C8	protein_co chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(PPARA	protein_co chr22	46150521	46243756	+	4.72	6.44
ENSG0000(TMEM232	protein_co chr5	1.1E+08	1.11E+08	-	0.64	0.82
ENSG0000(LINC01551	lincRNA chr14	28772704	28813453	+	0.36	0.36
ENSG0000(KRTAP19-2	protein_co chr21	30487057	30487436	-	0	0
ENSG0000(KRTAP19-4	protein_co chr21	30496824	30497133	-	0	0
ENSG0000(KRTAP15-1	protein_co chr21	30440275	30440945	+	0	0
ENSG0000(KRTAP13-4	protein_co chr21	30430230	30431026	+	0	0
ENSG0000(FAM183A	protein_co chr1	43145153	43156396	+	0	0.68
ENSG0000(EFCAB6	protein_co chr22	43528744	43812337	-	0.33	0.59
ENSG0000(KRTAP19-5	protein_co chr21	30501657	30502117	-	0	0
ENSG0000(KRTAP23-1	protein_co chr21	30348399	30348609	-	0	0
ENSG0000(KANK3	protein_co chr19	8322584	8343262	-	0.04	0.04
ENSG0000(EMID1	protein_co chr22	29205851	29259597	+	0.29	0.64
ENSG0000(ACTL7A	protein_co chr9	1.09E+08	1.09E+08	+	0	0
ENSG0000(KRTAP21-1	protein_co chr21	30754830	30755428	-	0	0
ENSG0000(RHD	protein_co chr1	25272393	25330445	+	0.02	0.02
ENSG0000(LINC00207	lincRNA chr22	44569339	44572341	+	0	0
ENSG0000(C17orf82	lincRNA chr17	61411751	61413280	+	0.3	0.21
ENSG0000(ESPN	protein_co chr1	6424788	6461370	+	0.13	0.14
ENSG0000(PNLIPRP1	protein_co chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(PTRH1	protein_co chr9	1.28E+08	1.28E+08	-	7.2	10.13
ENSG0000(KRTAP21-2	protein_co chr21	30746794	30747233	-	0	0
ENSG0000(SAMD7	protein_co chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(GPR141	protein_co chr7	37683796	37833788	+	0	0
ENSG0000(TMPRS56	protein_co chr22	37065436	37109563	-	0.02	0
ENSG0000(CYP4A11	protein_co chr1	46929177	46941484	-	0	0.06
ENSG0000(TMEM216	protein_co chr11	61391687	61398863	+	5.9	6.3
ENSG0000(RPS19BP1	protein_co chr22	39529093	39532855	-	37.98	40.33
ENSG0000(TMPRS511.	protein_co chr4	67909385	67964140	-	0	0
ENSG0000(TMEM262	protein_co chr11	65084979	65089375	-	0.01	0
ENSG0000(C3orf70	protein_co chr3	1.85E+08	1.85E+08	-	0.01	0.01
ENSG0000(TEAD1	protein_co chr11	12674591	12944483	+	29.3	36.06
ENSG0000(OR2AK2	protein_co chr1	2.48E+08	2.48E+08	+	0.05	0
ENSG0000(DEFB106B	protein_co chr8	7482504	7486400	-	0	0
ENSG0000(PLCD1	protein_co chr3	38007496	38029762	-	13.97	13.91
ENSG0000(CCK	protein_co chr3	42257825	42266207	-	0.26	0.1
ENSG0000(ENTPD5	protein_co chr14	73958010	74019399	-	2.95	3.12
ENSG0000(MITF	protein_co chr3	69739435	69968337	+	2.42	2.11
ENSG0000(FUNDC2P3	processed_chr6	1.46E+08	1.46E+08	+	0	0
ENSG0000(HEATR4	protein_co chr14	73478484	73558947	-	0	0
ENSG0000(NAP1L1	protein_co chr12	76036587	76085033	-	240.92	240.12

ENSG0000(LILRA5	protein_co chr19	54307070	54313139 -	0	0
ENSG0000(CMC1	protein_co chr3	28241584	28325142 +	13.56	10.45
ENSG0000(SLIT1	protein_co chr10	96998038	97185920 -	0.01	0.03
ENSG0000(LYPD6	protein_co chr2	1.49E+08	1.49E+08 +	0	0
ENSG0000(AKR1C1	protein_co chr10	4963253	4983283 +	289.26	331.26
ENSG0000(VSTM2B	protein_co chr19	29526499	29564479 +	0	0
ENSG0000(FOXD3	protein_co chr1	63323041	63325126 +	0	0
ENSG0000(SPATA21	protein_co chr1	16387117	16437424 -	0	0
ENSG0000(RNF220	protein_co chr1	44405194	44651724 +	28.95	30.11
ENSG0000(ANGPTL5	protein_co chr11	1.02E+08	1.02E+08 -	0.05	0.13
ENSG0000(SHTN1	protein_co chr10	1.17E+08	1.17E+08 -	3.75	3.87
ENSG0000(H1FNT	protein_co chr12	48328980	48330279 +	0	0
ENSG0000(LCE4A	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(BAGE2	transcribec chr21	10413477	10516431 +	0	0
ENSG0000(LCE2A	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(KRTAP12-1	protein_co chr21	44681576	44682163 -	0	0
ENSG0000(LCE2C	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(CTD-2600C	lincRNA chr16	57798186	57816946 +	0	0
ENSG0000(RP11-195F	protein_co chr9	34664163	34666112 -	6.7	3.78
ENSG0000(ZNF546	protein_co chr19	39984134	40021041 +	1.23	1.87
ENSG0000(TSPYL4	protein_co chr6	1.16E+08	1.16E+08 -	9.26	9.11
ENSG0000(DAZ3	protein_co chrY	24763069	24813492 -	0	0
ENSG0000(MT1X	protein_co chr16	56682424	56684196 +	9.91	10.79
ENSG0000(GCNT1	protein_co chr9	76419850	76507416 +	41.58	44.31
ENSG0000(LCE2D	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(RP11-16112	antisense chr8	18720905	18734405 +	0	0
ENSG0000(SESTD1	protein_co chr2	1.79E+08	1.79E+08 -	61.24	59.35
ENSG0000(LCE3B	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(FNBP1	protein_co chr9	1.3E+08	1.3E+08 -	17.02	17.55
ENSG0000(DYNC2H1	protein_co chr11	1.03E+08	1.03E+08 +	9.53	9.86
ENSG0000(KRT12	protein_co chr17	40861303	40867210 -	0	0
ENSG0000(MAGED4B	protein_co chrX	52061827	52069248 -	18.1	16.14
ENSG0000(BCAM	protein_co chr19	44809059	44821420 +	15.65	15.68
ENSG0000(RSBN1L	protein_co chr7	77696443	77783022 +	4.37	4.83
ENSG0000(NPSR1	protein_co chr7	34658239	34878332 +	0	0
ENSG0000(WDR86	protein_co chr7	1.51E+08	1.51E+08 -	0.28	0.54
ENSG0000(EPOR	protein_co chr19	11377205	11384342 -	8.67	7.96
ENSG0000(FAM9C	protein_co chrX	13035618	13044682 -	0.16	0.02
ENSG0000(KRTAP9-8	protein_co chr17	41238045	41239004 +	0	0
ENSG0000(CIDEC	protein_co chr3	9866711	9880254 -	0	0
ENSG0000(DCC	protein_co chr18	52340172	53535903 +	0	0
ENSG0000(TAF9B	protein_co chrX	78129748	78139706 -	2.65	2.56
ENSG0000(PCDHB13	protein_co chr5	1.41E+08	1.41E+08 +	0.73	1.01
ENSG0000(MAGI2	protein_co chr7	78017057	79453574 -	1.77	1.64
ENSG0000(LUZP2	protein_co chr11	24496970	25082631 +	0.12	0.68

ENSG0000(LHFPL3	protein_co chr7	1.04E+08	1.05E+08 +	0	0
ENSG0000(CHP1	protein_co chr15	41230839	41281890 +	34.75	34.15
ENSG0000(RP11-67P1	processed_ chr6	98780257	98780505 -	0	0
ENSG0000(FPR3	protein_co chr19	51795163	51826189 +	0.05	0.11
ENSG0000(HIST1H1T	protein_co chr6	26107419	26108136 -	0	0
ENSG0000(C11orf96	protein_co chr11	43925342	43944338 +	4.92	4.97
ENSG0000(HSD3BP1	unprocessε chr1	1.19E+08	1.19E+08 +	0	0
ENSG0000(SERPINA13	transcribec chr14	94640725	94646994 +	0	0
ENSG0000(KCNJ11	protein_co chr11	17385859	17389331 -	0.08	0
ENSG0000(CDHR4	protein_co chr3	49790732	49799835 -	0.71	0.82
ENSG0000(COL4A1	protein_co chr13	1.1E+08	1.1E+08 -	45.93	48
ENSG0000(RPL7P48	processed_ chr17	51502488	51503233 -	0	0
ENSG0000(PLEKHG7	protein_co chr12	92721462	92772455 +	0	0
ENSG0000(GJA4	protein_co chr1	34792998	34795747 +	0	0
ENSG0000(PTMA	protein_co chr2	2.32E+08	2.32E+08 +	352.28	330.78
ENSG0000(HYPM	protein_co chrX	37990817	37991317 +	0	0
ENSG0000(HSPA14	protein_co chr10	14838164	14871741 +	4.91	4.61
ENSG0000(ATP13A5	protein_co chr3	1.93E+08	1.93E+08 -	0	0
ENSG0000(SIRT7	protein_co chr17	81911939	81921323 -	8.48	11.47
ENSG0000(PRR27	protein_co chr4	70133616	70176799 +	0	0
ENSG0000(PRR13P5	processed_ chr19	39943239	39943680 -	0	0
ENSG0000(IFT140	protein_co chr16	1510427	1612110 -	9.86	9.95
ENSG0000(TPM3P7	processed_ chr2	25809925	25810656 -	0	0
ENSG0000(POTEG	protein_co chr14	19402486	19434341 -	0	0
ENSG0000(PRAMEF10	protein_co chr1	12892896	12898270 -	0	0
ENSG0000(AGMO	protein_co chr7	15200318	15562015 -	0	0
ENSG0000(SBK2	protein_co chr19	55529733	55537089 -	0	0
ENSG0000(CYP26C1	protein_co chr10	93060808	93069536 +	0.18	0.13
ENSG0000(TLR5	protein_co chr1	2.23E+08	2.23E+08 -	0.16	0.32
ENSG0000(USP7	protein_co chr16	8892094	8964514 -	21.69	22.77
ENSG0000(NANOS3	protein_co chr19	13862063	13880757 +	0.37	2.24
ENSG0000(FOXD4L3	protein_co chr9	68302867	68304905 +	0	0
ENSG0000(NHLRC1	protein_co chr6	18120440	18122687 -	1.57	1.11
ENSG0000(DPPA3	protein_co chr12	7711454	7717559 +	0	0
ENSG0000(COX8C	protein_co chr14	93347191	93348356 +	0.14	0
ENSG0000(PLEKHN1	protein_co chr1	966497	975865 +	1.14	0.54
ENSG0000(TERF1P2	processed_ chr18	14377546	14378757 -	0	0
ENSG0000(ZNF385C	protein_co chr17	42025576	42098479 -	0	0.03
ENSG0000(TMEM247	protein_co chr2	46429190	46484425 +	0	0
ENSG0000(MAGEH1	protein_co chrX	55452105	55453566 +	11.37	12.77
ENSG0000(TET3	protein_co chr2	73986404	74108176 +	3.07	3.24
ENSG0000(ZNF286A	protein_co chr17	15699577	15720787 +	6.83	7.7
ENSG0000(ISG15	protein_co chr1	1001138	1014541 +	18.56	14.91
ENSG0000(EXD3	protein_co chr9	1.37E+08	1.37E+08 -	6.21	5.94
ENSG0000(OR5W2	protein_co chr11	55913650	55914582 -	0	0

ENSG0000(TMEM8C	protein_co chr9	1.34E+08	1.34E+08	-	0	0
ENSG0000(TCL6	processed_chr14	95650498	95679833	+	0.48	0
ENSG0000(C17orf97	protein_co chr17	410327	431062	+	2.27	2.76
ENSG0000(ZKSCAN4	protein_co chr6	28244623	28252224	-	2.16	2.83
ENSG0000(RGPD1	protein_co chr2	86907953	87013981	+	0.57	0.34
ENSG0000(DHRS4L2	protein_co chr14	23969874	24006408	+	16.83	14.96
ENSG0000(SAMD11	protein_co chr1	923928	944581	+	1.27	1.88
ENSG0000(PERM1	protein_co chr1	975204	982093	-	0.1	0.22
ENSG0000(VMAC	protein_co chr19	5904858	5910853	+	3.59	2.4
ENSG0000(TMSB4XP8	processed_chr4	90838903	90839037	-	0	0
ENSG0000(TSPY13P	unprocessε chrY	9905595	9908139	-	0	0
ENSG0000(C5orf52	protein_co chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(HAPLN4	protein_co chr19	19255641	19262796	-	0	0
ENSG0000(ERC2	protein_co chr3	55508308	56468363	-	0	0
ENSG0000(B3GLCT	protein_co chr13	31199936	31332276	+	2.1	2.33
ENSG0000(SPRY4	protein_co chr5	1.42E+08	1.42E+08	-	1.5	2.12
ENSG0000(ERAS	protein_co chrX	48826513	48830138	+	0	0
ENSG0000(KRT18P59	transcribec chr11	1.25E+08	1.25E+08	+	0.02	0.16
ENSG0000(TRPV2	protein_co chr17	16415542	16437003	+	10.48	10.46
ENSG0000(AMTN	protein_co chr4	70518540	70532742	+	0.09	0
ENSG0000(CXorf67	protein_co chrX	51406915	51408843	+	0	0
ENSG0000(RP11-723C	protein_co chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(C2orf88	protein_co chr2	1.9E+08	1.9E+08	+	0.59	0.52
ENSG0000(OR2T27	protein_co chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(TMEM203	protein_co chr9	1.37E+08	1.37E+08	-	19.26	17.88
ENSG0000(SLC18A3	protein_co chr10	49610301	49612720	+	0	0
ENSG0000(KBTBD12	protein_co chr3	1.28E+08	1.28E+08	+	0.25	0.36
ENSG0000(THSD4	protein_co chr15	71096952	71783383	+	8.66	9.88
ENSG0000(GTF2IP3	unprocessε chr13	19026001	19032626	-	0	0
ENSG0000(DNAJB13	protein_co chr11	73950319	73970366	+	0	0
ENSG0000(GABRD	protein_co chr1	2019298	2030758	+	0.03	0.12
ENSG0000(AMY1C	protein_co chr1	1.04E+08	1.04E+08	+	0	0
ENSG0000(TCEA1	protein_co chr8	53966552	54022529	-	75.44	92.4
ENSG0000(NHEJ1	protein_co chr2	2.19E+08	2.19E+08	-	6.14	7.32
ENSG0000(FANCA	protein_co chr16	89737549	89816657	-	0.68	1.14
ENSG0000(SECISBP2	protein_co chr9	89318506	89359662	+	11.26	9.31
ENSG0000(OR52B6	protein_co chr11	5580877	5581884	+	0	0
ENSG0000(C9orf153	protein_co chr9	86220265	86259657	-	0	0.28
ENSG0000(SSX7	protein_co chrX	52644090	52654900	-	0	0
ENSG0000(ADH1A	protein_co chr4	99276367	99291028	-	0	0.05
ENSG0000(HSPE1P11	processed_chr6	35023522	35023831	+	0	0
ENSG0000(OR2B7P	unprocessε chr6	28046434	28047367	+	0	0
ENSG0000(SEMA4D	protein_co chr9	89360787	89498130	-	0.07	0
ENSG0000(KRTAP10-8	protein_co chr21	44612079	44612954	+	0	0
ENSG0000(LIN28B	protein_co chr6	1.05E+08	1.05E+08	+	0	0

ENSG0000(FAM69C	protein_co chr18	74434099	74457944	-	0	0
ENSG0000(DNAH17	protein_co chr17	78423697	78577394	-	0	0
ENSG0000(MCRS1	protein_co chr12	49556544	49568153	-	21.77	21.99
ENSG0000(TMEM72	protein_co chr10	44911200	44937002	+	0	0
ENSG0000(FANCM	protein_co chr14	45135940	45200890	+	1.02	0.81
ENSG0000(FAM205C	protein_co chr9	34889064	34895778	-	0	0
ENSG0000(ZNF70	protein_co chr22	23738678	23751092	-	1.09	1.5
ENSG0000(CARD9	protein_co chr9	1.36E+08	1.36E+08	-	0.42	0.45
ENSG0000(PEAR1	protein_co chr1	1.57E+08	1.57E+08	+	21.06	20.34
ENSG0000(ZFP69B	protein_co chr1	40450102	40463718	+	1.44	1.4
ENSG0000(TMEM202	protein_co chr15	72398273	72408029	+	0	0
ENSG0000(SOWAHD	protein_co chrX	1.2E+08	1.2E+08	+	0.52	0.24
ENSG0000(RP11-24M	transcribec chr15	75775553	75786898	+	0	0
ENSG0000(ZFP69	protein_co chr1	40477215	40496343	+	0.92	0.96
ENSG0000(HELT	protein_co chr4	1.85E+08	1.85E+08	+	0	0
ENSG0000(ZCCHC16	protein_co chrX	1.12E+08	1.12E+08	+	0	0
ENSG0000(TMEM220	protein_co chr17	10699015	10730316	-	3	2.23
ENSG0000(C2orf78	protein_co chr2	73784189	73817147	+	0	0
ENSG0000(HIST1H1C	protein_co chr6	26055787	26056428	-	6.57	7
ENSG0000(PLSCR3	protein_co chr17	7389727	7394843	-	54.25	44.6
ENSG0000(EIF4EBP1	protein_co chr8	38030341	38060365	+	59.86	54.81
ENSG0000(OR7E25P	unprocessε chr19	9204308	9205217	+	0	0
ENSG0000(P2RX2	protein_co chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(ASCL4	protein_co chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(OR6C75	protein_co chr12	55365111	55366049	+	0	0
ENSG0000(CCDC157	protein_co chr22	30356635	30378658	+	2.38	2.55
ENSG0000(TTC24	protein_co chr1	1.57E+08	1.57E+08	+	0	0
ENSG0000(FAM122A	protein_co chr9	68780034	68784608	+	3.5	3.8
ENSG0000(PALM3	protein_co chr19	14053365	14059159	-	0.15	0.53
ENSG0000(RNFT1P3	unprocessε chr17	20743333	20754501	-	0	0
ENSG0000(GFRAL	protein_co chr6	55327469	55402493	+	0	0
ENSG0000(C1orf168	protein_co chr1	56718804	56819696	-	0	0
ENSG0000(CXXC1P1	transcribec chrX	47707191	47753456	+	0.09	0.03
ENSG0000(OR5H7P	unprocessε chr3	98238352	98239281	+	0	0
ENSG0000(SHISA7	protein_co chr19	55428740	55442863	-	0	0
ENSG0000(AC097382	sense_ovei chr4	6995341	6998958	+	0.12	0.13
ENSG0000(LRRC74B	protein_co chr22	21045960	21064168	+	0.05	0.03
ENSG0000(DMBT1	protein_co chr10	1.23E+08	1.23E+08	+	0.04	0.01
ENSG0000(CLEC17A	protein_co chr19	14583084	14611157	+	0.08	0
ENSG0000(OR51I2	protein_co chr11	5453489	5454427	+	0	0
ENSG0000(LCN10	protein_co chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(LDLRAD2	protein_co chr1	21812265	21825221	+	0.25	0.23
ENSG0000(C2orf66	protein_co chr2	1.97E+08	1.97E+08	-	0.34	0.41
ENSG0000(OVCH1	protein_co chr12	29412474	29497686	-	0.02	0
ENSG0000(ARHGAP11	protein_co chr15	30624494	30772993	+	2.13	4.56

ENSG0000(HS6ST1P1	processed_chr1	21428303	21429536	+	0	0
ENSG0000(PMS2CL	transcribec_chr7	6710128	6753862	+	4.38	6.19
ENSG0000(CYHR1	protein_co_chr8	1.44E+08	1.44E+08	-	33.25	35.96
ENSG0000(COL14A1	protein_co_chr8	1.2E+08	1.2E+08	+	10.28	11.2
ENSG0000(DNER	protein_co_chr2	2.29E+08	2.3E+08	-	0.74	0.62
ENSG0000(CPSF4L	protein_co_chr17	73248449	73262352	-	0	0
ENSG0000(KLHL17	protein_co_chr1	960587	965715	+	6.73	5.36
ENSG0000(ZCCHC13	protein_co_chrX	74304190	74305031	+	0	0
ENSG0000(AC008079.	antisense_chr22	18178038	18205915	-	0	0
ENSG0000(PLA2G2C	protein_co_chr1	20161253	20177424	-	0	0.03
ENSG0000(ANKRD19P	transcribec_chr9	92809388	92888693	+	0.23	0.16
ENSG0000(ZSCAN23	protein_co_chr6	28431930	28443502	-	0.95	1.02
ENSG0000(KCTD9P3	processed_chr9	37477149	37478317	+	0	0
ENSG0000(RINL	protein_co_chr19	38867834	38878279	-	1.08	2
ENSG0000(C17orf99	protein_co_chr17	78146353	78166177	+	0	0.05
ENSG0000(HNRNPA1P	processed_chr2	33636502	33637425	+	0	0
ENSG0000(OR7D2	protein_co_chr19	9185594	9188817	+	0.04	0
ENSG0000(TPRG1	protein_co_chr3	1.89E+08	1.89E+08	+	0.28	0
ENSG0000(RP11-43F1	transcribec_chr5	1598920	1634005	-	7.64	6.31
ENSG0000(C1orf204	protein_co_chr1	1.6E+08	1.6E+08	-	0.68	1.26
ENSG0000(MORN2	protein_co_chr2	38875962	38929072	+	17.6	18.32
ENSG0000(RTP5	protein_co_chr2	2.42E+08	2.42E+08	+	0	0
ENSG0000(MEIS3P2	processed_chr17	20589293	20590367	+	1.99	2.31
ENSG0000(S100A3	protein_co_chr1	1.54E+08	1.54E+08	-	6.39	4.34
ENSG0000(UBQLN2	protein_co_chrX	56563639	56567868	+	11.59	11.55
ENSG0000(RILPL1	protein_co_chr12	1.23E+08	1.24E+08	-	8.14	9.68
ENSG0000(CTSL3P	transcribec_chr9	87772453	87786884	+	0	0
ENSG0000(C19orf67	protein_co_chr19	14081619	14085875	-	0	0
ENSG0000(ZNF490	protein_co_chr19	12577961	12640098	-	0.85	0.56
ENSG0000(CLCN1	protein_co_chr7	1.43E+08	1.43E+08	+	0.02	0
ENSG0000(NRN1L	protein_co_chr16	67884805	67888855	+	0	0.28
ENSG0000(NWD1	protein_co_chr19	16719976	16817963	+	0	0.01
ENSG0000(ARL4C	protein_co_chr2	2.34E+08	2.34E+08	-	17.75	16.04
ENSG0000(RNF133	protein_co_chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(TMEM221	protein_co_chr19	17435509	17448567	-	0.17	0.11
ENSG0000(TREML4	protein_co_chr6	41228324	41238882	+	0	0
ENSG0000(RAB42	protein_co_chr1	28592200	28595443	+	1.59	0.9
ENSG0000(WNT7B	protein_co_chr22	45920362	45977129	-	0.09	0.1
ENSG0000(C11orf95	protein_co_chr11	63759892	63768775	-	7.77	9.1
ENSG0000(SCGB1C1	protein_co_chr11	193080	194573	+	0	0
ENSG0000(RP5-1119A	unprocessε_chr22	36536656	36537604	-	0	0
ENSG0000(PRSS45	protein_co_chr3	46742092	46744755	-	0	0
ENSG0000(PLA2G4E	protein_co_chr15	41981582	42051190	-	0	0
ENSG0000(GPR89B	protein_co_chr1	1.48E+08	1.48E+08	+	5.5	6.49
ENSG0000(MESP2	protein_co_chr15	89760591	89778754	+	0.63	0.78

ENSG0000(FAM25A	protein_co chr10	87020306	87024730	+	0	0
ENSG0000(ALOX15P2	unprocessε chr9	92913156	92921560	+	0.06	0
ENSG0000(EYS	protein_co chr6	63719980	65707225	-	0.29	0.33
ENSG0000(C6orf132	protein_co chr6	42101118	42142619	-	5.95	6.4
ENSG0000(DAZ1	protein_co chrY	23129355	23199094	-	0	0
ENSG0000(OR2AG2	protein_co chr11	6767987	6769055	-	0.11	0.06
ENSG0000(MAPK12	protein_co chr22	50245450	50261825	-	14.84	14.96
ENSG0000(TMEM215	protein_co chr9	32783499	32787399	+	0	0
ENSG0000(NUTM2G	protein_co chr9	96928310	96940253	+	0	0
ENSG0000(COL4A5	protein_co chrX	1.08E+08	1.09E+08	+	2.3	2.57
ENSG0000(KRTAP10-6	protein_co chr21	44591268	44592505	-	0	0
ENSG0000(AGRN	protein_co chr1	1020123	1056118	+	72.58	64.57
ENSG0000(NHS	protein_co chrX	17375420	17735994	+	2.14	2.8
ENSG0000(OTOG	protein_co chr11	17547373	17647150	+	0	0
ENSG0000(FAM166A	protein_co chr9	1.37E+08	1.37E+08	-	0.05	0.07
ENSG0000(TMPPE	protein_co chr3	33090421	33096801	-	0.8	0.6
ENSG0000(ZNF626	protein_co chr19	20620061	20661596	-	2.52	2.39
ENSG0000(HEPACAM2	protein_co chr7	93188586	93226524	-	0	0
ENSG0000(SMTNL2	protein_co chr17	4583999	4608319	+	0	0.03
ENSG0000(ZC3H6	protein_co chr2	1.12E+08	1.12E+08	+	2	0.96
ENSG0000(LINC00265	lincRNA chr7	39733632	39793092	+	3.24	2.22
ENSG0000(LAMTOR4	protein_co chr7	1E+08	1E+08	+	88.61	94.88
ENSG0000(PRKAR1B	protein_co chr7	549197	727650	-	4.49	4.28
ENSG0000(NUTM2B	protein_co chr10	79703227	79714681	+	0.71	1.03
ENSG0000(NCR3LG1	protein_co chr11	17351726	17377341	+	2.22	2.57
ENSG0000(DCUN1D3	protein_co chr16	20854925	20900384	-	5.45	5.24
ENSG0000(POTEE	protein_co chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(AC002398.	protein_co chr19	35745678	35754519	+	2.92	7.33
ENSG0000(ZNF793	protein_co chr19	37506939	37548762	+	0.39	0.57
ENSG0000(TUBB4B	protein_co chr9	1.37E+08	1.37E+08	+	68.93	65.31
ENSG0000(AGAP4	protein_co chr10	45825594	45853875	-	4.64	6.08
ENSG0000(PP7080	antisense chr5	466124	473098	-	10.93	9.55
ENSG0000(COMMD6	protein_co chr13	75525219	75549439	-	79.73	88.84
ENSG0000(PLA2G2A	protein_co chr1	19975431	19980416	-	15.84	15.69
ENSG0000(IL17REL	protein_co chr22	49994513	50012659	-	0	0
ENSG0000(HYKK	protein_co chr15	78507564	78537372	+	2.61	3.28
ENSG0000(OR7A5	protein_co chr19	14792490	14835376	-	0	0
ENSG0000(C15orf62	protein_co chr15	40770080	40772449	+	0.26	0.13
ENSG0000(AC007731.	antisense chr22	20338805	20354372	+	0	0
ENSG0000(RUFY4	protein_co chr2	2.18E+08	2.18E+08	+	0	0
ENSG0000(ZNF383	protein_co chr19	37217926	37248738	+	1.99	3.58
ENSG0000(HES4	protein_co chr1	998962	1000172	-	1.98	2.05
ENSG0000(IGFL1	protein_co chr19	46229752	46231243	+	0	0
ENSG0000(ZNF669	protein_co chr1	2.47E+08	2.47E+08	-	3.13	2.72
ENSG0000(C19orf35	protein_co chr19	2274622	2282176	-	0	0

ENSG0000(LRRIQ4	protein_co chr3	1.7E+08	1.7E+08 +	0	0
ENSG0000(CENPP	protein_co chr9	92325484	92620533 +	1.73	2.35
ENSG0000(PLSCR1	protein_co chr3	1.47E+08	1.47E+08 -	49.63	58.24
ENSG0000(OR7D1P	unprocessε chr19	9235144	9236076 +	0	0
ENSG0000(C3orf62	protein_co chr3	49268602	49277909 -	2.27	3.33
ENSG0000(ENO4	protein_co chr10	1.17E+08	1.17E+08 +	0.22	0.3
ENSG0000(ZNF559	protein_co chr19	9323772	9351162 +	6.25	6.74
ENSG0000(SBK1	protein_co chr16	28292519	28323849 +	0.02	0.02
ENSG0000(OR6C6	protein_co chr12	55294288	55295232 -	0	0
ENSG0000(BSPH1	protein_co chr19	47968046	47992170 -	0	0
ENSG0000(SLC38A3	protein_co chr3	50205246	50221486 +	0.02	0.23
ENSG0000(OR6N2	protein_co chr1	1.59E+08	1.59E+08 -	0	0
ENSG0000(GTF2F2	protein_co chr13	45120515	45284909 +	5.65	6.48
ENSG0000(FAM92A	protein_co chr8	93698561	93731527 +	26.24	21.39
ENSG0000(FOCAD	protein_co chr9	20658309	20995955 +	5.69	6.62
ENSG0000(AC092171.	antisense chr7	5419846	5423122 +	0	0
ENSG0000(PRR19	protein_co chr19	42302098	42310821 +	0.76	0.62
ENSG0000(ZP3	protein_co chr7	76397518	76442071 +	1.69	0.74
ENSG0000(C10orf99	protein_co chr10	84173738	84185294 +	0	0
ENSG0000(H3F3C	protein_co chr12	31791185	31792241 -	0.12	0
ENSG0000(IFNA2	protein_co chr9	21384254	21385388 -	0	0
ENSG0000(GPAT2P2	unprocessε chr2	97081098	97083249 +	0	0
ENSG0000(JAKMIP3	protein_co chr10	1.32E+08	1.32E+08 +	0.05	0.08
ENSG0000(PPP3R2	protein_co chr9	1.02E+08	1.02E+08 -	0	0
ENSG0000(GOLGA6L3	unprocessε chr15	85240472	85247170 +	0.27	0.43
ENSG0000(PDCD1	protein_co chr2	2.42E+08	2.42E+08 -	0	0
ENSG0000(CLEC2A	protein_co chr12	9898673	9932381 -	0	0
ENSG0000(GPR21	protein_co chr9	1.23E+08	1.23E+08 +	0	0
ENSG0000(TCTEX1D4	protein_co chr1	44805913	44806675 -	0.34	0.09
ENSG0000(ANKRD36P	unprocessε chrY	26409815	26420535 +	0	0
ENSG0000(IGHV1OR1.	IG_V_gene chr15	19964666	19965101 -	0	0
ENSG0000(SELL	protein_co chr1	1.7E+08	1.7E+08 -	0.78	0.76
ENSG0000(MAGEB5	protein_co chrX	26216169	26218270 +	0	0
ENSG0000(CHM	protein_co chrX	85861180	86047562 -	5.16	5.59
ENSG0000(NANOS2	protein_co chr19	45913214	45914870 -	0	0
ENSG0000(BLOC1S5	protein_co chr6	8013567	8064414 -	7.79	7.78
ENSG0000(RP11-1396	unprocessε chr4	9399204	9403565 +	0	0
ENSG0000(OR4P1P	unprocessε chr11	55683239	55684374 +	0	0
ENSG0000(SRP72P2	processed_ chr6	1.58E+08	1.58E+08 -	0	0
ENSG0000(CERKL	protein_co chr2	1.82E+08	1.82E+08 -	0.04	0
ENSG0000(WASF4P	processed_ chrX	47803296	47804789 +	0	0
ENSG0000(ACTBP11	processed_ chr1	2.24E+08	2.24E+08 -	0.05	0.17
ENSG0000(SLC24A5	protein_co chr15	48120972	48142672 +	0	0
ENSG0000(IER5L	protein_co chr9	1.29E+08	1.29E+08 -	23.14	26.76
ENSG0000(H2AFX	protein_co chr11	1.19E+08	1.19E+08 -	7.44	9.28

ENSG00000103921	INSC	protein_co	chr11	15112424	15247208	+	0	0
ENSG00000103922	SERPINA5	protein_co	chr14	94561442	94593120	+	0.04	0.15
ENSG00000103923	C19orf54	protein_co	chr19	40740856	40751553	-	4.86	5.93
ENSG00000103924	LCTL	protein_co	chr15	66547179	66565979	-	0.08	0.14
ENSG00000103925	NCCRP1	protein_co	chr19	39196961	39201884	+	0	0
ENSG00000103926	KRTDAP	protein_co	chr19	35487324	35495558	-	0	0.19
ENSG00000103927	C22orf34	lincRNA	chr22	49414524	49657542	-	0	0
ENSG00000103928	RP1-273G1	processed	chr8	33969567	33969879	-	0	0
ENSG00000103929	COL25A1	protein_co	chr4	1.09E+08	1.09E+08	-	0.06	0.06
ENSG00000103930	FAM83G	protein_co	chr17	18968789	19004804	-	5.25	6.01
ENSG00000103931	CFAP77	protein_co	chr9	1.32E+08	1.33E+08	+	0	0
ENSG00000103932	AC010969	antisense	chr2	10003158	10006030	-	0	0
ENSG00000103933	SRSF10	protein_co	chr1	23964804	23980927	-	32.49	31.98
ENSG00000103934	HBA2	protein_co	chr16	172847	173710	+	0	0
ENSG00000103935	DUSP28	protein_co	chr2	2.41E+08	2.41E+08	+	1.62	2.51
ENSG00000103936	C15orf52	protein_co	chr15	40331452	40340967	-	7.46	6.1
ENSG00000103937	NBR1	protein_co	chr17	43170481	43211689	+	52.32	52.03
ENSG00000103938	OR2G6	protein_co	chr1	2.49E+08	2.49E+08	+	0	0
ENSG00000103939	RALGAPA2	protein_co	chr20	20389552	20712488	-	2.71	3.37
ENSG00000103940	NDOR1	protein_co	chr9	1.37E+08	1.37E+08	+	4.42	5.43
ENSG00000103941	FBLL1	protein_co	chr5	1.69E+08	1.69E+08	+	0.15	0.21
ENSG00000103942	NKAIN2	protein_co	chr6	1.24E+08	1.25E+08	+	0	0
ENSG00000103943	KRTAP1-1	protein_co	chr17	41040559	41041461	-	0	0
ENSG00000103944	PAQR9	protein_co	chr3	1.43E+08	1.43E+08	-	0	0
ENSG00000103945	CLEC20A	protein_co	chr1	1.78E+08	1.78E+08	-	0	0
ENSG00000103946	CFAP54	protein_co	chr12	96489571	96875555	+	1.2	1.05
ENSG00000103947	NPIPP1	transcribed	chr16	15104312	15123498	-	10.32	9.22
ENSG00000103948	CLN3	protein_co	chr16	28474111	28495575	-	34.8	32.29
ENSG00000103949	FAM72B	protein_co	chr1	1.21E+08	1.21E+08	-	1.91	1.33
ENSG00000103950	ASAH2	protein_co	chr10	50182778	50248610	-	0.6	0.22
ENSG00000103951	SUMO2	protein_co	chr17	75165586	75182983	-	158.7	168.61
ENSG00000103952	NANOS1	protein_co	chr10	1.19E+08	1.19E+08	+	0.21	0.24
ENSG00000103953	HMX3	protein_co	chr10	1.23E+08	1.23E+08	+	0	0
ENSG00000103954	IGFL3	protein_co	chr19	46120071	46124674	-	0.1	0
ENSG00000103955	GOLGA8M	protein_co	chr15	28701954	28738384	-	2.1	2.63
ENSG00000103956	ZNF177	protein_co	chr19	9363020	9382617	+	0.87	1.23
ENSG00000103957	LDOC1L	protein_co	chr22	44492572	44498298	-	14.09	14.09
ENSG00000103958	DPYD	protein_co	chr1	97077743	97921049	-	22.14	21.17
ENSG00000103959	S100A16	protein_co	chr1	1.54E+08	1.54E+08	-	131.45	126.95
ENSG00000103960	RP11-361A	processed	chr12	74663774	74664141	-	0	0
ENSG00000103961	PTAR1	protein_co	chr9	69709522	69759959	-	8.08	8.53
ENSG00000103962	CC2D2B	protein_co	chr10	95907603	96032684	+	0.06	0
ENSG00000103963	RNASE9	protein_co	chr14	20556093	20560931	-	0	0
ENSG00000103964	TSPY7P	unprocessed	chrY	9378122	9380871	+	0	0
ENSG00000103965	SAXO2	protein_co	chr15	82262810	82284930	+	1.63	0.69

ENSG0000(LINC00319	lincRNA	chr21	43446601	43453893	+	0	0
ENSG0000(HILS1	transcribed	chr17	50171428	50181178	-	0	0.05
ENSG0000(OR7E90P	unprocessed	chr2	1.59E+08	1.59E+08	+	0	0
ENSG0000(RHCE	protein_coding	chr1	25362249	25430192	-	0.42	0.49
ENSG0000(C2orf80	protein_coding	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(IDO2	protein_coding	chr8	39934614	40016391	+	0.05	0
ENSG0000(PARVB	protein_coding	chr22	43999211	44172949	+	21.17	22.54
ENSG0000(TEKT4P2	transcribed	chr21	9068361	9129752	-	3.55	3.9
ENSG0000(SLC4A5	protein_coding	chr2	74216242	74343414	-	0.53	0.98
ENSG0000(UROS	protein_coding	chr10	1.26E+08	1.26E+08	-	32.73	35.29
ENSG0000(OR56A5	protein_coding	chr11	5967177	5968494	-	0	0
ENSG0000(CYP51A1-A	antisense	chr7	92134604	92180725	+	0.11	0.1
ENSG0000(KRTAP24-1	protein_coding	chr21	30281309	30282958	-	0	0
ENSG0000(ZDHHC9	protein_coding	chrX	1.3E+08	1.3E+08	-	25.18	23.1
ENSG0000(ZBED6CL	protein_coding	chr7	1.5E+08	1.5E+08	+	0.37	0.55
ENSG0000(QRFP	protein_coding	chr9	1.31E+08	1.31E+08	-	0	0
ENSG0000(OR13D3P	unprocessed	chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(DUPD1	protein_coding	chr10	75037836	75058514	-	0	0
ENSG0000(SMIM15	protein_coding	chr5	61157709	61162474	-	28.13	24.21
ENSG0000(OSTN	protein_coding	chr3	1.91E+08	1.91E+08	+	0	0
ENSG0000(VWC2	protein_coding	chr7	49773661	49921950	+	0	0
ENSG0000(FAM221A	protein_coding	chr7	23680130	23703249	+	0.82	1.29
ENSG0000(TMEM120f	protein_coding	chr12	1.22E+08	1.22E+08	+	4.35	3.56
ENSG0000(FSIP2	protein_coding	chr2	1.86E+08	1.86E+08	+	1.37	2.23
ENSG0000(RBM34	protein_coding	chr1	2.35E+08	2.35E+08	-	16.96	14.83
ENSG0000(NOXA1	protein_coding	chr9	1.37E+08	1.37E+08	+	0.7	0.71
ENSG0000(TBC1D3P2	transcribed	chr17	62264705	62275655	-	0	0
ENSG0000(TMEM198	protein_coding	chr2	2.2E+08	2.2E+08	+	3.88	2.85
ENSG0000(BCL2L15	protein_coding	chr1	1.14E+08	1.14E+08	-	0.19	0.03
ENSG0000(FZD9	protein_coding	chr7	73433783	73436120	+	0.09	0.21
ENSG0000(TMSB4XP2	unprocessed	chr2	3617548	3617757	-	0	0
ENSG0000(SPRED3	protein_coding	chr19	38388421	38399587	+	1.36	1.77
ENSG0000(OPTC	protein_coding	chr1	2.03E+08	2.04E+08	+	0	0
ENSG0000(PLET1	protein_coding	chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(ADRB3	protein_coding	chr8	37962991	37966965	-	0	0
ENSG0000(SKOR1	protein_coding	chr15	67819704	67834561	+	0.06	0.17
ENSG0000(CATSPER4	protein_coding	chr1	26190561	26202968	+	0	0
ENSG0000(PRELP	protein_coding	chr1	2.03E+08	2.03E+08	+	2.72	3.04
ENSG0000(PLA2G2E	protein_coding	chr1	19920009	19923617	-	0	0
ENSG0000(ZNF548	protein_coding	chr19	57389850	57402992	+	5.32	6.18
ENSG0000(MTF1	protein_coding	chr1	37809567	37859620	-	3.44	3.7
ENSG0000(TMCO2	protein_coding	chr1	40245947	40251691	+	0	0
ENSG0000(ZNF322P1	processed	chr9	97198303	97199511	-	0	0
ENSG0000(SHISA6	protein_coding	chr17	11241263	11564063	+	0	0
ENSG0000(TMEM201	protein_coding	chr1	9588922	9614873	+	3.08	2.73

ENSG0000(NHLRC3	protein_co chr13	39038306	39050109	+	8.52	8.79
ENSG0000(HMX2	protein_co chr10	1.23E+08	1.23E+08	+	0	0
ENSG0000(SNTN	protein_co chr3	63652668	63679020	+	0	0
ENSG0000(ZDHHC11	protein_co chr5	795606	850986	-	1.35	1.22
ENSG0000(FAM26F	protein_co chr6	1.16E+08	1.16E+08	+	0.67	0.38
ENSG0000(CNR2	protein_co chr1	23870526	23913362	-	0.04	0.16
ENSG0000(LINC00910	lincRNA chr17	43369845	43389199	-	1.22	0.85
ENSG0000(SLX4	protein_co chr16	3581181	3611598	-	1.03	1.19
ENSG0000(GLRA4	protein_co chrX	1.04E+08	1.04E+08	-	0	0
ENSG0000(DPPA3P2	transcribec chr14	36371165	36372383	+	0.1	0
ENSG0000(ENTPD8	protein_co chr9	1.37E+08	1.37E+08	-	0	0.14
ENSG0000(RPL14	protein_co chr3	40457292	40468587	+	534.5	568.38
ENSG0000(BEND4	protein_co chr4	42110938	42152878	-	0	0
ENSG0000(RP11-159F	transcribec chr5	43336164	43348716	+	0	0
ENSG0000(RPSAP47	processed_chr8	80558870	80559757	+	0	0
ENSG0000(FAM78B	protein_co chr1	1.66E+08	1.66E+08	-	0.5	0.48
ENSG0000(ZNF563	protein_co chr19	12317477	12333720	-	1.39	1.87
ENSG0000(TMC3	protein_co chr15	81331217	81374213	-	0.07	0.05
ENSG0000(RPL10AP2	processed_chr8	47157118	47157771	+	0	0
ENSG0000(POTEA	polymorph chr8	43292483	43363518	+	0	0
ENSG0000(FBF1	protein_co chr17	75909574	75941140	-	2.26	2.52
ENSG0000(KLRG2	protein_co chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(ASTL	protein_co chr2	96123850	96138436	-	0	0
ENSG0000(MSL1	protein_co chr17	40122298	40136916	+	37.64	37.82
ENSG0000(CTD-3088G	protein_co chr16	11359845	11523588	-	0.41	0.24
ENSG0000(LRRK2	protein_co chr12	40196744	40369285	+	2.44	3.26
ENSG0000(BSX	protein_co chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(GJB3	protein_co chr1	34781189	34786369	+	0	0
ENSG0000(FAM196A	protein_co chr10	1.27E+08	1.27E+08	-	0.03	0.15
ENSG0000(TRMT2B	protein_co chrX	1.01E+08	1.01E+08	-	3.22	3.63
ENSG0000(HACD4	protein_co chr9	20999515	21031636	-	1.1	1.37
ENSG0000(CFAP126	protein_co chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(USP32P1	transcribec chr17	16786489	16804455	+	23.03	22.25
ENSG0000(NYX	protein_co chrX	41447434	41475710	+	0	0
ENSG0000(FAM120AC	protein_co chr9	93446494	93453592	-	19.33	18.12
ENSG0000(UTS2B	protein_co chr3	1.91E+08	1.91E+08	-	0.55	0.43
ENSG0000(C9orf152	protein_co chr9	1.1E+08	1.1E+08	-	0.02	0.02
ENSG0000(NOC2L	protein_co chr1	944204	959309	-	19.68	18.69
ENSG0000(MSANTD1	protein_co chr4	3244369	3271738	+	0.07	0.04
ENSG0000(AADAACL3	protein_co chr1	12716115	12728759	+	0	0
ENSG0000(DHFRP1	processed_chr18	26170726	26171284	-	0.2	0.25
ENSG0000(NELFB	protein_co chr9	1.37E+08	1.37E+08	+	21.78	22.02
ENSG0000(SLC15A5	protein_co chr12	16188485	16277685	-	0.02	0.02
ENSG0000(LIPI	protein_co chr21	14108813	14210891	-	0	0
ENSG0000(LRRC66	protein_co chr4	51993702	52017620	-	0.24	0.23

ENSG0000(ZNF292	protein_co chr6	87152833	87264196	+	6.06	6.02
ENSG0000(HUS1B	protein_co chr6	655939	656963	-	0	0
ENSG0000(KCTD21	protein_co chr11	78171249	78188822	-	8.2	5.24
ENSG0000(SBSN	protein_co chr19	35523367	35528351	-	37.52	37.76
ENSG0000(PROS2P	unprocessε chr3	90202316	90257415	-	0.03	0
ENSG0000(ADAT2	protein_co chr6	1.43E+08	1.43E+08	-	1.88	2.29
ENSG0000(KIR2DL4	protein_co chr19	54803535	54814517	+	0	0
ENSG0000(FAM35DP	unprocessε chr10	47689707	47730436	+	0.23	0.16
ENSG0000(MAGEB16	protein_co chrX	35798342	35803735	+	0	0
ENSG0000(VHLL	protein_co chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(DUSP21	protein_co chrX	44844004	44844888	+	0	0
ENSG0000(ZNF567	protein_co chr19	36687612	36727701	+	3.78	3.18
ENSG0000(NDUFA4	protein_co chr7	10931951	10940256	-	84.32	85.12
ENSG0000(ANKDD1B	protein_co chr5	75611459	75671846	+	0.31	0.2
ENSG0000(ALKBH2	protein_co chr12	1.09E+08	1.09E+08	-	6.21	7.01
ENSG0000(RNFT1	protein_co chr17	59952240	59964761	-	5.06	4.95
ENSG0000(RNF222	protein_co chr17	8390704	8397826	-	0.04	0
ENSG0000(CGB5	protein_co chr19	49043884	49045311	+	0	0
ENSG0000(RELN	protein_co chr7	1.03E+08	1.04E+08	-	0.11	0.12
ENSG0000(FAM111B	protein_co chr11	59107185	59127410	+	0	0
ENSG0000(APOD	protein_co chr3	1.96E+08	1.96E+08	-	1.43	0.91
ENSG0000(H1FO	protein_co chr22	37805093	37807436	+	39.56	36.96
ENSG0000(GAGE2A	protein_co chrX	49589529	49596827	+	0	0
ENSG0000(LITAF	protein_co chr16	11547722	11636381	-	44.51	49.64
ENSG0000(VSTM1	protein_co chr19	54040825	54063953	-	0	0
ENSG0000(TMEM120A	protein_co chr7	75986837	75994659	-	23.18	25.07
ENSG0000(ARID2	protein_co chr12	45729665	45908040	+	4.67	5.32
ENSG0000(RIMKLBP1	processed_ chr21	36050214	36051377	+	0	0
ENSG0000(FAM25G	protein_co chr10	47487219	47491693	-	0	0
ENSG0000(SF3B3	protein_co chr16	70523788	70577670	+	54.61	56.77
ENSG0000(PRSS48	protein_co chr4	1.51E+08	1.51E+08	+	0	0
ENSG0000(IL1RAPL2	protein_co chrX	1.05E+08	1.06E+08	+	0	0
ENSG0000(BLOC1S3	protein_co chr19	45178745	45181801	+	6.3	7.17
ENSG0000(SP6	protein_co chr17	47844908	47855874	-	0.13	0.31
ENSG0000(ANKRD34B	protein_co chr5	80556755	80570488	-	0	0
ENSG0000(PLAC9	protein_co chr10	80131682	80145359	+	36.66	40.82
ENSG0000(FAM47B	protein_co chrX	34942796	34944915	+	0	0
ENSG0000(NKAPL	protein_co chr6	28259320	28260958	+	1.77	1.37
ENSG0000(UBE2Q2P1	transcribed chr15	84526781	84571216	-	5.83	5.37
ENSG0000(FSCB	protein_co chr14	44504342	44507279	-	0.02	0
ENSG0000(CLDN4	protein_co chr7	73799542	73832693	+	0.18	0.03
ENSG0000(ZNF573	protein_co chr19	37735833	37817300	-	0.52	1.61
ENSG0000(RP11-77G2	processed_ chrX	40907987	40908391	+	0	0
ENSG0000(CRYM-AS1	bidirection chr16	21300849	21318591	+	0.27	0.14
ENSG0000(GRAPL	protein_co chr17	19127469	19159176	+	0	0

ENSG0000(FAM47E	protein_co chr4	76214040	76283780	+	0.33	0.36
ENSG0000(HN1	protein_co chr17	75135248	75168281	-	28.82	30.31
ENSG0000(ZNF527	protein_co chr19	37371061	37393066	+	2.27	1.57
ENSG0000(TNRC18P3	unprocessε chr7	56991888	57009149	+	0	0
ENSG0000(ZAR1L	protein_co chr13	32303700	32315344	-	0	0
ENSG0000(KRTAP10-1	protein_co chr21	44697172	44698044	+	0	0
ENSG0000(S100A13	protein_co chr1	1.54E+08	1.54E+08	-	169.16	178.22
ENSG0000(ZNF33A	protein_co chr10	38010650	38065088	+	6.77	6.8
ENSG0000(OR14I1	protein_co chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(KRT77	protein_co chr12	52689626	52703463	-	0	0
ENSG0000(PCDH18	protein_co chr4	1.38E+08	1.38E+08	-	42.47	47.12
ENSG0000(DCAF8L2	protein_co chrX	27590382	27748821	+	0	0.28
ENSG0000(ZNF600	protein_co chr19	52764195	52786791	-	2.89	1.47
ENSG0000(BTBD8	protein_co chr1	92080305	92184725	+	0.5	0.31
ENSG0000(LINC00994	lincRNA chr3	64078361	64087363	-	0	0
ENSG0000(DPY19L2P1	transcribec chr7	35079989	35186041	-	0.73	1.02
ENSG0000(MAOA	protein_co chrX	43654907	43746824	+	0	0.07
ENSG0000(PAX8-AS1	processed_ chr2	1.13E+08	1.13E+08	+	15.52	13.77
ENSG0000(C15orf61	protein_co chr15	67521068	67530143	+	2.27	2.63
ENSG0000(AC069277.	lincRNA chr3	6490479	6736129	+	0	0
ENSG0000(NUGGC	protein_co chr8	28021964	28083871	-	0	0.03
ENSG0000(LINC00943	lincRNA chr12	1.27E+08	1.27E+08	+	0.02	0
ENSG0000(TSPYL1	protein_co chr6	1.16E+08	1.16E+08	-	18.8	18.82
ENSG0000(SPANXN3	protein_co chrX	1.44E+08	1.44E+08	-	0.12	0
ENSG0000(TRIM64B	protein_co chr11	89869282	89876017	-	0	0
ENSG0000(PNRC2	protein_co chr1	23959109	23963462	+	30.55	32.32
ENSG0000(DRICH1	protein_co chr22	23608452	23632321	-	0	0
ENSG0000(LINC01164	lincRNA chr10	1.32E+08	1.32E+08	-	0	0
ENSG0000(GJB5	protein_co chr1	34755047	34758512	+	0	0
ENSG0000(FHIT	protein_co chr3	59749310	61251459	-	0.22	0.8
ENSG0000(ALKAL2	protein_co chr2	279558	288851	-	0	0
ENSG0000(ANKRD62P	processed_ chr22	16654066	16675540	-	0	0
ENSG0000(ZKSCAN3	protein_co chr6	28349914	28369177	+	2.62	2.01
ENSG0000(FOXR2	protein_co chrX	55623400	55625325	+	0	0
ENSG0000(RRP7A	protein_co chr22	42509968	42519802	-	7.66	9.97
ENSG0000(LIN54	protein_co chr4	82909973	83012926	-	3.28	2.92
ENSG0000(RP11-797H	antisense chr7	64888527	64890100	-	0	0
ENSG0000(FAM53B	protein_co chr10	1.25E+08	1.25E+08	-	3.44	3.67
ENSG0000(FAM180A	protein_co chr7	1.36E+08	1.36E+08	-	20.56	22.66
ENSG0000(C6orf222	protein_co chr6	36315757	36336885	-	0	0
ENSG0000(SPANXN4	protein_co chrX	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-113D	transcribec chr11	18209138	18214562	+	0.69	1.31
ENSG0000(S100A14	protein_co chr1	1.54E+08	1.54E+08	-	0.23	0.2
ENSG0000(KAZN	protein_co chr1	13892792	15118043	+	7.71	7.85
ENSG0000(SLC35E2B	protein_co chr1	1659529	1692728	-	26.99	30.11

ENSG0000(RPS2P46	processed_ chr17	19445970	19446852	-	0.07	0.43
ENSG0000(FAM90A27	transcribec chr19	53281559	53284944	+	0	0
ENSG0000(TOGARAM	protein_co chr2	28956611	29061373	+	0.28	0.68
ENSG0000(SPATA31D	protein_co chr9	81928514	81934948	+	0	0
ENSG0000(NEMP2	protein_co chr2	1.91E+08	1.91E+08	-	2.12	1.93
ENSG0000(ALG1L	protein_co chr3	1.26E+08	1.26E+08	-	0.47	0.21
ENSG0000(KIAA0408	protein_co chr6	1.27E+08	1.27E+08	-	0.32	2.44
ENSG0000(GSPT2	protein_co chrX	51743431	51746232	+	4.46	4.19
ENSG0000(RP6-149D1	unprocessε chrX	1.08E+08	1.08E+08	+	0	0
ENSG0000(TBC1D28	protein_co chr17	18635006	18661950	-	0	0
ENSG0000(C8orf76	protein_co chr8	1.23E+08	1.23E+08	-	10.35	8.89
ENSG0000(CXCL17	protein_co chr19	42428288	42443048	-	0	0
ENSG0000(FAM90A14	unprocessε chr8	7715443	7718453	+	0	0
ENSG0000(OR7E12P	unprocessε chr11	3390780	3391752	-	0	0
ENSG0000(OTUD6A	protein_co chrX	70062491	70064179	+	0.11	0.12
ENSG0000(HMGB1	protein_co chr13	30456704	30617597	-	104.57	113.56
ENSG0000(MMP23B	protein_co chr1	1632095	1635263	+	6.36	5.41
ENSG0000(SH2D5	protein_co chr1	20719732	20732837	-	1.88	2.53
ENSG0000(SPATA41	lincRNA chr15	1E+08	1E+08	-	0	0.18
ENSG0000(ZFP92	protein_co chrX	1.53E+08	1.53E+08	+	0.08	0.08
ENSG0000(USP32P3	transcribec chr17	20415547	20431008	+	0.23	0.5
ENSG0000(NCR1	protein_co chr19	54906150	54916140	+	0.04	0
ENSG0000(RASSF10	protein_co chr11	13009577	13012106	+	0.02	0.05
ENSG0000(GJB4	protein_co chr1	34759741	34763724	+	0	0
ENSG0000(RNU1-75P	snRNA chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(MIR494	miRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU1-15P	snRNA chr7	21381363	21381506	+	0	0
ENSG0000(Y_RNA	misc_RNA chr10	68735720	68735823	-	0	0
ENSG0000(OR2L13	protein_co chr1	2.48E+08	2.48E+08	+	0.43	0.29
ENSG0000(BLOC1S2	protein_co chr10	1E+08	1E+08	-	23.97	22.73
ENSG0000(SYCP2	protein_co chr20	59863563	59933655	-	0.24	0.03
ENSG0000(ZNF724	protein_co chr19	23221599	23250390	-	0.67	0.91
ENSG0000(IL1RAP	protein_co chr3	1.91E+08	1.91E+08	+	10.49	7.72
ENSG0000(AC013442	processed_ chr2	35219377	35219604	-	0	0
ENSG0000(PTPRT	protein_co chr20	42072752	43189970	-	0	0
ENSG0000(MYBPC1	protein_co chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(PAX5	protein_co chr9	36833275	37034185	-	0	0
ENSG0000(AC079610	lincRNA chr2	2.13E+08	2.13E+08	-	0.04	0.23
ENSG0000(OR5K4	protein_co chr3	98353854	98354819	+	0	0
ENSG0000(OR6M1	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(SPOCK3	protein_co chr4	1.67E+08	1.67E+08	-	1.74	0.71
ENSG0000(ZNF676	protein_co chr19	22179091	22196951	-	0	0
ENSG0000(ZNF699	protein_co chr19	9294275	9309838	-	1.66	1.27
ENSG0000(RP3-391O2	processed_ chr6	34576258	34576656	-	0	0
ENSG0000(ADAM5	transcribec chr8	39314591	39417378	+	0	0

ENSG0000(TDRD7	protein_co chr9	97411950	97496125	+	3.88	3.83
ENSG0000(CCDC189	protein_co chr16	30757423	30762710	-	2.95	4.3
ENSG0000(OR8A1	protein_co chr11	1.25E+08	1.25E+08	+	0	0
ENSG0000(KIAA0895L	protein_co chr16	67175602	67184040	-	7.69	7.27
ENSG0000(HLA-DRB1	protein_co chr6	32578769	32589848	-	0	0
ENSG0000(VN1R2	protein_co chr19	53258292	53261837	+	0.04	0
ENSG0000(MYT1	protein_co chr20	64151791	64242253	+	0	0
ENSG0000(SERPINA3	protein_co chr14	94612377	94624055	+	24.36	31.09
ENSG0000(AKR1C3	protein_co chr10	5035354	5107686	+	154.14	163.62
ENSG0000(SPATS2L	protein_co chr2	2E+08	2E+08	+	68.61	67.82
ENSG0000(OR11H13P	processed_chr14	19180291	19181269	+	0	0
ENSG0000(ZNF250	protein_co chr8	1.45E+08	1.45E+08	-	4.23	3.59
ENSG0000(WDSUB1	protein_co chr2	1.59E+08	1.59E+08	-	5.38	5.69
ENSG0000(ZNF79	protein_co chr9	1.27E+08	1.27E+08	+	3.13	2.71
ENSG0000(S100A4	protein_co chr1	1.54E+08	1.54E+08	-	349.44	327.16
ENSG0000(PLEKHG4	protein_co chr16	67277510	67289499	+	2.03	2.31
ENSG0000(KRTAP4-3	protein_co chr17	41167231	41168194	-	0	0
ENSG0000(FAT4	protein_co chr4	1.25E+08	1.25E+08	+	3.54	4.49
ENSG0000(C8orf86	protein_co chr8	38510834	38528662	-	0	0
ENSG0000(COLCA1	antisense chr11	1.11E+08	1.11E+08	-	0.2	0.13
ENSG0000(KIF19	protein_co chr17	74326210	74355820	+	0	0
ENSG0000(OR6K2	protein_co chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(ZNF681	protein_co chr19	23739195	23758891	-	0.14	0.04
ENSG0000(ACADSB	protein_co chr10	1.23E+08	1.23E+08	+	5.38	5.56
ENSG0000(STK40	protein_co chr1	36339624	36385896	-	10.06	8.3
ENSG0000(RPS2P4	processed_chr14	1.05E+08	1.05E+08	-	0	0
ENSG0000(OR10J1	protein_co chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(TMEM63A	protein_co chr1	2.26E+08	2.26E+08	-	11.74	10.85
ENSG0000(CTSE	protein_co chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(SEMA4A	protein_co chr1	1.56E+08	1.56E+08	+	0.37	0.38
ENSG0000(HRCT1	protein_co chr9	35906192	35907141	+	2.59	2.92
ENSG0000(MPHOSPH1	protein_co chr13	19633681	19673459	+	20.43	21.02
ENSG0000(RNF216P1	transcribed chr7	4973988	5040675	+	9.1	9.11
ENSG0000(EEF1A1P5	processed_chr9	1.33E+08	1.33E+08	+	5.16	4.36
ENSG0000(GREB1	protein_co chr2	11482341	11642788	+	0.77	0.55
ENSG0000(SIRPB2	protein_co chr20	1470741	1491587	-	0	0
ENSG0000(ZNF766	protein_co chr19	52269571	52296046	+	5.66	5.54
ENSG0000(RYR1	protein_co chr19	38433699	38587564	+	0	0.01
ENSG0000(SRGAP3	protein_co chr3	8980591	9363053	-	0.87	1.29
ENSG0000(KRTAP5-3	protein_co chr11	1607565	1608463	-	0	0
ENSG0000(FAM217B	protein_co chr20	59933764	59948680	+	4.83	2.75
ENSG0000(SULT1C3	protein_co chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(TUBB	protein_co chr6	30720201	30725426	+	345.48	349.57
ENSG0000(LCOR	protein_co chr10	96832260	96995959	+	2.18	2.15
ENSG0000(SUPT5H	protein_co chr19	39436156	39476670	+	37.58	34.04

ENSG0000(XPNPEP3	protein_co chr22	40857077	40932815	+	4.81	5.8
ENSG0000(OR2T2	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(OR2C3	protein_co chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(LINC00615	lincRNA chr12	90918023	90948669	+	0	0
ENSG0000(ZNF107	protein_co chr7	64666083	64711582	+	0.69	0.79
ENSG0000(OR10S1	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(SFTA2	protein_co chr6	30931353	30955636	-	0	0
ENSG0000(PPIA	protein_co chr7	44796680	44824564	+	1075.18	1028.63
ENSG0000(ZNF471	protein_co chr19	56507843	56530221	+	1.46	2.83
ENSG0000(OR10J3	protein_co chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(ZNF836	protein_co chr19	52153864	52171643	-	4.23	3.73
ENSG0000(ZNF493	protein_co chr19	21397119	21427573	+	2.38	1.85
ENSG0000(LINC00523	lincRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Metazoa_S	misc_RNA chr15	76230048	76230390	-	9.37	7.19
ENSG0000(GTF2IRD2	protein_co chr7	74796144	74851551	-	8.43	7
ENSG0000(GRM7	protein_co chr3	6770001	7741533	+	0	0
ENSG0000(SUPT3H	protein_co chr6	44809317	45377953	-	4.41	5.45
ENSG0000(BECN2	protein_co chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(NIF3L1	protein_co chr2	2.01E+08	2.01E+08	+	10.14	9.41
ENSG0000(AC005154.	processed_chr7	30516309	30594809	-	25.07	22.11
ENSG0000(ATP2A1	protein_co chr16	28878405	28904509	+	0.08	0.06
ENSG0000(HLA-DRB9	unprocessε chr6	32459821	32473500	-	0	0
ENSG0000(RP11-497H	unprocessε chr5	70516387	70555266	-	0.05	0.69
ENSG0000(IARS	protein_co chr9	92210207	92293756	-	57.49	59.68
ENSG0000(MFSD14C	protein_co chr9	96897917	97013708	-	8.37	10.44
ENSG0000(POM121	protein_co chr7	72879365	72951440	+	8.38	9.1
ENSG0000(ZBTB44	protein_co chr11	1.3E+08	1.3E+08	-	8.9	9.23
ENSG0000(GIMAP5	protein_co chr7	1.51E+08	1.51E+08	+	0	0
ENSG0000(STK31	protein_co chr7	23710167	23832513	+	0	0.15
ENSG0000(CGB7	protein_co chr19	49054275	49058860	-	0.2	0.2
ENSG0000(NLGN3	protein_co chrX	71144831	71171201	+	0.19	0.26
ENSG0000(OR8D1	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(ADH7	protein_co chr4	99412261	99435737	-	0	0
ENSG0000(ZKSCAN7	protein_co chr3	44555193	44594173	+	1.79	1.72
ENSG0000(ZNF729	protein_co chr19	22286408	22317176	+	0	0
ENSG0000(CD55	protein_co chr1	2.07E+08	2.07E+08	+	58.08	55.1
ENSG0000(CPNE4	protein_co chr3	1.32E+08	1.32E+08	-	0	0
ENSG0000(ZNF565	protein_co chr19	36182060	36246257	-	1.29	2.14
ENSG0000(NTNG2	protein_co chr9	1.32E+08	1.32E+08	+	2.95	2.66
ENSG0000(ELAVL3	protein_co chr19	11451326	11481046	-	0	0
ENSG0000(WDR5	protein_co chr9	1.34E+08	1.34E+08	+	11.34	10.78
ENSG0000(PRSS29P	transcribec chr16	1260952	1263845	-	0	0
ENSG0000(LONP1	protein_co chr19	5691834	5720572	-	43.23	41.93
ENSG0000(C9orf163	lincRNA chr9	1.36E+08	1.36E+08	+	0.17	0.07
ENSG0000(TRRAP	protein_co chr7	98877933	99013243	+	7.58	8.23

ENSG0000(NUDT11	protein_co chrX	51490011	51496596	-	3.65	3.35
ENSG0000(SRGAP2B	protein_co chr1	1.45E+08	1.45E+08	-	42.64	42.23
ENSG0000(FUT4	protein_co chr11	94543840	94549898	+	1.71	1.59
ENSG0000(ASB13	protein_co chr10	5638867	5666595	-	6.82	5.62
ENSG0000(SLC35F1	protein_co chr6	1.18E+08	1.18E+08	+	0.03	0.01
ENSG0000(ZNF34	protein_co chr8	1.45E+08	1.45E+08	-	2.12	2.63
ENSG0000(ZNF781	protein_co chr19	37667751	37692322	-	0.02	0.06
ENSG0000(OR4Q2	polymorph chr14	20002163	20003163	+	0	0
ENSG0000(ZNF140	protein_co chr12	1.33E+08	1.33E+08	+	6.13	6.87
ENSG0000(INCA1	protein_co chr17	4988130	4997610	-	0.75	0.97
ENSG0000(CTD-2503C	processed_chr5	74929880	74930566	+	0	0
ENSG0000(ZNF774	protein_co chr15	90352245	90369146	+	0.85	0.64
ENSG0000(RP13-7701	unprocessε chrX	52824269	52829267	-	0	0
ENSG0000(PTPN1	protein_co chr20	50510321	50585241	+	13.78	14.49
ENSG0000(OR10D1P	unprocessε chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(EVL	protein_co chr14	99971449	1E+08	+	28.04	26.83
ENSG0000(SPANXD	protein_co chrX	1.42E+08	1.42E+08	-	0	0
ENSG0000(THEM5	protein_co chr1	1.52E+08	1.52E+08	-	0.12	0.21
ENSG0000(NOXO1	protein_co chr16	1978917	1984192	-	0.05	0.34
ENSG0000(EPHB4	protein_co chr7	1.01E+08	1.01E+08	-	19.75	18.64
ENSG0000(PRTN3	protein_co chr19	840960	848175	+	0.06	0.07
ENSG0000(ZNF765	protein_co chr19	53389793	53430413	+	3.08	2.26
ENSG0000(ZNF124	protein_co chr1	2.47E+08	2.47E+08	-	0.71	1.15
ENSG0000(XRCC6	protein_co chr22	41621119	41664048	+	83.8	85.35
ENSG0000(S100A5	protein_co chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(LINC00176	protein_co chr20	64034344	64039962	+	0.07	0.04
ENSG0000(PPP1R26	protein_co chr9	1.35E+08	1.35E+08	+	3.9	3.69
ENSG0000(NBPF4	protein_co chr1	1.08E+08	1.08E+08	-	0	0
ENSG0000(TSC22D2	protein_co chr3	1.5E+08	1.5E+08	+	4.76	6.75
ENSG0000(CRYBA4	protein_co chr22	26621964	26630672	+	0	0
ENSG0000(ASMT	protein_co chrX	1615001	1643081	+	0	0
ENSG0000(ASMT	protein_co chrY	1615001	1643081	+	0	0
ENSG0000(NPIP15	protein_co chr16	74377878	74392080	+	0.17	0.76
ENSG0000(ZNF569	protein_co chr19	37411155	37469275	-	1.09	1.24
ENSG0000(ARMCX4	protein_co chrX	1.01E+08	1.02E+08	+	3.06	1.74
ENSG0000(YRDC	protein_co chr1	37802944	37808185	-	4.4	3.22
ENSG0000(ZNF777	protein_co chr7	1.49E+08	1.49E+08	-	5.21	4.98
ENSG0000(PIK3R4	protein_co chr3	1.31E+08	1.31E+08	-	5.17	8.37
ENSG0000(ZNF775	protein_co chr7	1.5E+08	1.5E+08	+	2.41	3.24
ENSG0000(ZNF605	protein_co chr12	1.33E+08	1.33E+08	-	4.29	5.39
ENSG0000(TRAPPC2	protein_co chrX	13712244	13734635	-	3.59	3.7
ENSG0000(RFX8	protein_co chr2	1.01E+08	1.01E+08	-	0.83	0.41
ENSG0000(MYL6B	protein_co chr12	56152256	56159647	+	56.17	65.92
ENSG0000(ZNF799	protein_co chr19	12390016	12401271	-	0.84	0.51
ENSG0000(FGF16	protein_co chrX	77447405	77457278	+	1.86	1.36

ENSG0000(SIAH1	protein_co	chr16	48356364	48448402	-	12.97	13.82
ENSG0000(RP13-644N	transcribec	chr4	69181660	69182372	+	0	0
ENSG0000(GK2	protein_co	chr4	79406352	79408293	-	0	0
ENSG0000(C20orf96	protein_co	chr20	270863	290778	-	4.98	7.71
ENSG0000(ESRRG	protein_co	chr1	2.17E+08	2.17E+08	-	0.06	0.02
ENSG0000(IPO4	protein_co	chr14	24180219	24188964	-	8.92	10.17
ENSG0000(NCOR2	protein_co	chr12	1.24E+08	1.25E+08	-	43.55	41.55
ENSG0000(SULT1A1	protein_co	chr16	28605196	28623625	-	21.83	20.46
ENSG0000(ARL9	protein_co	chr4	56505209	56524448	+	0.21	1.04
ENSG0000(PRPF40A	protein_co	chr2	1.53E+08	1.53E+08	-	38.21	38.72
ENSG0000(GDAP2	protein_co	chr1	1.18E+08	1.18E+08	-	3.84	4.02
ENSG0000(TCEAL3	protein_co	chrX	1.04E+08	1.04E+08	+	23.81	20.16
ENSG0000(ANAPC7	protein_co	chr12	1.1E+08	1.1E+08	-	13.2	12.58
ENSG0000(TPK1	protein_co	chr7	1.44E+08	1.45E+08	-	2.81	4.15
ENSG0000(SLC6A9	protein_co	chr1	43991500	44031467	-	14.51	14.3
ENSG0000(AFAP1	protein_co	chr4	7758714	7939926	-	31.03	31.45
ENSG0000(NACA	protein_co	chr12	56712428	56731628	-	674.72	708.46
ENSG0000(OR9K1P	unitary_ps	chr12	55115533	55116473	+	0	0
ENSG0000(MYO18A	protein_co	chr17	29071124	29180412	-	23.39	18.18
ENSG0000(OR2T3	protein_co	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(SPTSSB	protein_co	chr3	1.61E+08	1.61E+08	-	0	0
ENSG0000(BORCS6	protein_co	chr17	8188333	8190907	-	4.2	3.04
ENSG0000(MAN2A2	protein_co	chr15	90902218	90922584	+	18.17	14.65
ENSG0000(MME	protein_co	chr3	1.55E+08	1.55E+08	+	99.15	73.31
ENSG0000(FAM72A	protein_co	chr1	2.06E+08	2.06E+08	-	3.97	2.6
ENSG0000(LINC00238	protein_co	chr14	66486354	66498553	+	0	0
ENSG0000(CACNA1H	protein_co	chr16	1153121	1221772	+	0	0.04
ENSG0000(SULF2	protein_co	chr20	47656348	47786616	-	46.72	52.68
ENSG0000(RP3-499B1	processed_	chrX	18838709	18839452	-	0.09	0.3
ENSG0000(HBG2	protein_co	chr11	5253190	5645789	-	2.12	0.08
ENSG0000(RP11-57C1	antisense	chr10	87610163	87660003	-	0.48	0.41
ENSG0000(LAMA2	protein_co	chr6	1.29E+08	1.3E+08	+	27.21	26.92
ENSG0000(PFN3	protein_co	chr5	1.77E+08	1.77E+08	-	0	0
ENSG0000(PLXNB2	protein_co	chr22	50274979	50307627	-	114.23	114.52
ENSG0000(OR5AC2	protein_co	chr3	98087173	98088102	+	0	0
ENSG0000(AJAP1	protein_co	chr1	4654732	4792534	+	0	0
ENSG0000(XRCC2	protein_co	chr7	1.53E+08	1.53E+08	-	0.54	0.5
ENSG0000(MYO6	protein_co	chr6	75749192	75919537	+	5.09	5.73
ENSG0000(MKL1	protein_co	chr22	40410281	40636702	-	16.23	16.3
ENSG0000(CTB-25J19.	protein_co	chr19	7018969	7021450	-	0	0
ENSG0000(HDAC2	protein_co	chr6	1.14E+08	1.14E+08	-	41.87	44.69
ENSG0000(ANKRD20A	transcribec	chr13	23939557	23946782	-	0	0.06
ENSG0000(ZNF782	protein_co	chr9	96816472	96875623	-	2.27	1.78
ENSG0000(SLC22A25	protein_co	chr11	63163776	63229652	-	0	0
ENSG0000(POTEF	protein_co	chr2	1.3E+08	1.3E+08	-	0	0

ENSG0000(ZNF846	protein_co chr19	9751993	9793180 -	10.94	11.28
ENSG0000(MMP1	protein_co chr11	1.03E+08	1.03E+08 -	172.39	134.54
ENSG0000(ADH1B	protein_co chr4	99304964	99352760 -	10.52	18.63
ENSG0000(UGT2B15	protein_co chr4	68646630	68670628 -	0	0
ENSG0000(TCF4	protein_co chr18	55222331	55664787 -	12.88	18.81
ENSG0000(WNK3	protein_co chrX	54192823	54358642 -	0.01	0.02
ENSG0000(LUADT1	lincRNA chr6	1.47E+08	1.47E+08 +	0.6	0.61
ENSG0000(SDHAF3	protein_co chr7	97116590	97181763 +	6.22	4.44
ENSG0000(HRH1	protein_co chr3	11137093	11263557 +	10.03	9.91
ENSG0000(RABL6	protein_co chr9	1.37E+08	1.37E+08 +	23.36	23.22
ENSG0000(ZNF136	protein_co chr19	12163064	12189881 +	2.66	1.88
ENSG0000(ZKSCAN5	protein_co chr7	99504651	99534700 +	4.12	3.87
ENSG0000(ZNF502	protein_co chr3	44712643	44723831 +	1.31	1.56
ENSG0000(TRAPPC4	protein_co chr11	1.19E+08	1.19E+08 +	27.87	26.33
ENSG0000(AC004057.	transcribed chr4	1.13E+08	1.13E+08 -	569.72	603.67
ENSG0000(TTC30B	protein_co chr2	1.78E+08	1.78E+08 -	1.39	1.44
ENSG0000(SLC30A10	protein_co chr1	2.2E+08	2.2E+08 -	0	0
ENSG0000(OR8B3	protein_co chr11	1.24E+08	1.24E+08 -	0	0
ENSG0000(TECPR2	protein_co chr14	1.02E+08	1.03E+08 +	9.46	9.12
ENSG0000(TLR7	protein_co chrX	12867083	12890380 +	0.05	0.04
ENSG0000(FAM180B	protein_co chr11	47586693	47589194 +	0.38	0.5
ENSG0000(LINC00173	processed_chr12	1.17E+08	1.17E+08 +	0.07	0.36
ENSG0000(ZFP62	protein_co chr5	1.81E+08	1.81E+08 -	6.79	7.08
ENSG0000(ERI2	protein_co chr16	20780193	20900349 -	4.51	5.29
ENSG0000(TOMM7	protein_co chr7	22812628	22822852 -	156.75	164.95
ENSG0000(HSH2D	protein_co chr19	16134028	16158575 +	0	0
ENSG0000(TRPV1	protein_co chr17	3565444	3609411 -	2.72	2.23
ENSG0000(ZNF33B	protein_co chr10	42574185	42638568 -	5.89	3.45
ENSG0000(PDXDC2P	processed_chr16	69976297	70065948 -	5.1	5.29
ENSG0000(ZNF512B	protein_co chr20	63956702	63969865 -	10.07	9.9
ENSG0000(AMZ2	protein_co chr17	68247574	68257164 +	39.65	38.8
ENSG0000(ZNF431	protein_co chr19	21142024	21196053 +	4.73	2.97
ENSG0000(ALKAL1	protein_co chr8	52534037	52565507 -	0	0
ENSG0000(NF1	protein_co chr17	31094927	31382116 +	12.91	15.67
ENSG0000(VKORC1L1	protein_co chr7	65873267	65959563 +	8.14	8.17
ENSG0000(ZNF418	protein_co chr19	57921884	57935393 -	1.23	1.16
ENSG0000(DAPK1	protein_co chr9	87497228	87708633 +	1.77	1.29
ENSG0000(LCE1B	protein_co chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(HLA-DQA1	protein_co chr6	32628179	32647062 +	0	0
ENSG0000(COL27A1	protein_co chr9	1.14E+08	1.14E+08 +	3.05	3.78
ENSG0000(LINC01560	lincRNA chrX	47483571	47484823 +	1.47	1.05
ENSG0000(GM2A	protein_co chr5	1.51E+08	1.51E+08 +	27.98	27.81
ENSG0000(HIST1H2AI	protein_co chr6	27808199	27808701 +	0	0
ENSG0000(CLPSL2	protein_co chr6	35776594	35779552 +	0	0
ENSG0000(S100A2	protein_co chr1	1.54E+08	1.54E+08 -	4.38	3.75

ENSG0000(SNHG17	processed_chr20	38420588	38435353	-	6.78	5.72
ENSG0000(ZNF700	protein_co chr19	11925068	11950773	+	3.16	3.01
ENSG0000(AC079612.	lincRNA chr2	2.4E+08	2.4E+08	+	0	0
ENSG0000(POU3F4	protein_co chrX	83508250	83512127	+	0	0
ENSG0000(OR14A16	protein_co chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(CD47	protein_co chr3	1.08E+08	1.08E+08	-	26.68	28.22
ENSG0000(OR52K1	protein_co chr11	4488879	4489908	+	0	0
ENSG0000(TLE1	protein_co chr9	81583683	81689305	-	18.01	16.74
ENSG0000(MAML3	protein_co chr4	1.4E+08	1.4E+08	-	3.76	3.07
ENSG0000(HIST1H2AC	protein_co chr6	27133042	27135291	+	0.22	0.36
ENSG0000(STRN3	protein_co chr14	30893799	31026401	-	16.06	12.93
ENSG0000(ZNF239	protein_co chr10	43556344	43574618	-	1.58	1.39
ENSG0000(NPIPB10P	unprocessε chr16	29038655	29052726	+	0.05	0
ENSG0000(SPINK14	protein_co chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(SPRR2B	protein_co chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(CTBP1-AS2	antisense chr4	1249300	1288291	+	9.61	8.78
ENSG0000(CHRNG	protein_co chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(ZSCAN16	protein_co chr6	28124560	28130082	+	1.75	1.88
ENSG0000(MVB12B	protein_co chr9	1.26E+08	1.27E+08	+	2.39	2.55
ENSG0000(C6orf106	protein_co chr6	34587288	34696859	-	27.31	27.67
ENSG0000(CTD-2192J	protein_co chr19	12461559	12551474	-	0	0.13
ENSG0000(OR11G2	protein_co chr14	20197336	20198446	+	0	0
ENSG0000(POTE1	protein_co chr2	1.3E+08	1.31E+08	-	0.27	0.46
ENSG0000(ADA	protein_co chr20	44619522	44652233	-	11.22	13.38
ENSG0000(ARID5A	protein_co chr2	96536743	96552638	+	5.51	4.48
ENSG0000(PATE2	protein_co chr11	1.26E+08	1.26E+08	-	0.18	0
ENSG0000(PPTC7	protein_co chr12	1.11E+08	1.11E+08	-	3.44	3.12
ENSG0000(KRT39	protein_co chr17	40958417	40966892	-	0	0
ENSG0000(TOMM20L	protein_co chr14	58395916	58408701	+	0	0
ENSG0000(RGPD4	protein_co chr2	1.08E+08	1.08E+08	+	0	0.03
ENSG0000(NHLRC2	protein_co chr10	1.14E+08	1.14E+08	+	1.89	2.76
ENSG0000(HIST1H2AC	protein_co chr6	26198851	26199243	-	0.38	0
ENSG0000(ZFP28	protein_co chr19	56538948	56556810	+	2.14	2.78
ENSG0000(KIAA1211L	protein_co chr2	98793846	98936259	-	0	0
ENSG0000(CBWD3	protein_co chr9	68232003	68300015	+	8.32	6.77
ENSG0000(SCN8A	protein_co chr12	51590266	51812864	+	0.27	0.26
ENSG0000(LAMB3	protein_co chr1	2.1E+08	2.1E+08	-	18.91	14.68
ENSG0000(HIST3H2BB	protein_co chr1	2.28E+08	2.28E+08	+	0.21	0.16
ENSG0000(AC090286.	antisense chr17	18951625	18954149	-	0	0
ENSG0000(TEX43	protein_co chr5	1.27E+08	1.27E+08	+	0	0
ENSG0000(KPNA5	protein_co chr6	1.17E+08	1.17E+08	+	2.43	2.2
ENSG0000(ANKRD36B	protein_co chr2	97492663	97589965	-	2.66	2.58
ENSG0000(ARHGEF12	protein_co chr11	1.2E+08	1.2E+08	+	25.58	25.57
ENSG0000(HCAR1	protein_co chr12	1.23E+08	1.23E+08	-	0.12	0.03
ENSG0000(ZNF252P	transcribec chr8	1.45E+08	1.45E+08	-	6.88	6.09

ENSG0000(PDLIM7	protein_co chr5	1.77E+08	1.77E+08 -	120.6	132.03
ENSG0000(FLNA	protein_co chrX	1.54E+08	1.54E+08 -	408.91	448.91
ENSG0000(TMEM26	protein_co chr10	61406643	61453450 -	0.19	0.07
ENSG0000(RPS26P11	processed_chrX	72044545	72044892 +	0	0.3
ENSG0000(SRGAP1	protein_co chr12	63844293	64162221 +	7.02	6.01
ENSG0000(FAM3C	protein_co chr7	1.21E+08	1.21E+08 -	30.21	26.73
ENSG0000(NOP9	protein_co chr14	24299862	24309124 +	7.24	6.35
ENSG0000(OR2T4	protein_co chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(ZNF705A	protein_co chr12	8157034	8188537 +	0	0
ENSG0000(SLC39A10	protein_co chr2	1.96E+08	1.96E+08 +	18.23	15.77
ENSG0000(SCOC-AS1	antisense chr4	1.4E+08	1.4E+08 -	0.55	1.07
ENSG0000(CASP4	protein_co chr11	1.05E+08	1.05E+08 -	47.19	45.83
ENSG0000(AP2A1	protein_co chr19	49766968	49807113 +	62.11	65.38
ENSG0000(ZNF585A	protein_co chr19	37106734	37172741 -	5.17	4.98
ENSG0000(FUT11	protein_co chr10	73772291	73780251 +	19.42	17.16
ENSG0000(NXF4	transcribed chrX	1.03E+08	1.03E+08 +	0	0
ENSG0000(SMIM10L2	protein_co chrX	1.35E+08	1.35E+08 -	0.86	0.74
ENSG0000(ANXA4	protein_co chr2	69644425	69827100 +	129.65	132.42
ENSG0000(LAGE3	protein_co chrX	1.54E+08	1.54E+08 -	14.47	16.06
ENSG0000(RP11-88G1	lincRNA chr9	1.3E+08	1.3E+08 -	0	0
ENSG0000(WDR5B	protein_co chr3	1.22E+08	1.22E+08 -	1.63	1.85
ENSG0000(FAM163B	protein_co chr9	1.34E+08	1.34E+08 -	0.05	0.35
ENSG0000(NPIPB9	protein_co chr16	28751787	28772807 +	0.46	0
ENSG0000(WDR45	protein_co chrX	49071470	49101170 -	47.8	40.83
ENSG0000(METTL9	protein_co chr16	21597218	21657473 +	48.78	53.21
ENSG0000(ZNF138	protein_co chr7	64794388	64833681 +	1.28	1.33
ENSG0000(ZNF429	protein_co chr19	21496682	21556270 +	2.4	1.51
ENSG0000(ZNF470	protein_co chr19	56567511	56588911 +	1.7	1.6
ENSG0000(SERTAD1	protein_co chr19	40421592	40426025 -	6.07	6.75
ENSG0000(ZNF100	protein_co chr19	21722766	21767628 -	2.1	1.68
ENSG0000(CXorf40B	protein_co chrX	1.5E+08	1.5E+08 -	11.11	12.85
ENSG0000(OR51A6P	unprocessed chr11	4889593	4890596 -	0	0
ENSG0000(ZNF398	protein_co chr7	1.49E+08	1.49E+08 +	2.53	2.71
ENSG0000(ZSCAN25	protein_co chr7	99616946	99632407 +	4.96	3.46
ENSG0000(RBMY1A3P	unprocessed chrY	9311130	9322869 -	0	0
ENSG0000(ANXA6	protein_co chr5	1.51E+08	1.51E+08 -	118.76	118.92
ENSG0000(ZNF441	protein_co chr19	11767000	11784078 +	3.49	2.69
ENSG0000(GMFB	protein_co chr14	54474484	54489196 -	11.22	14.83
ENSG0000(SIGLEC15	protein_co chr18	45825512	45844080 +	0.78	0.63
ENSG0000(ZNF420	protein_co chr19	37007857	37130314 +	2.27	3.7
ENSG0000(ZNF763	protein_co chr19	11965037	11980381 +	1.55	0.92
ENSG0000(ZMYM1	protein_co chr1	35059786	35115859 +	1.86	1.89
ENSG0000(DTHD1	protein_co chr4	36281622	36345756 +	0	0
ENSG0000(HIST1H4C	protein_co chr6	26103876	26104310 +	0	0
ENSG0000(ZSCAN26	protein_co chr6	28267010	28278224 +	9.77	9.63

ENSG00000100000	MAFG	protein_co	chr17	81918270	81927714	-	12.42	12.52
ENSG00000100000	OR2T32P	unprocessε	chr1	2.48E+08	2.48E+08	-	0.04	0
ENSG00000100000	ARRDC1	protein_co	chr9	1.38E+08	1.38E+08	+	9.94	10.82
ENSG00000100000	KIAA1671	protein_co	chr22	24952730	25197448	+	3.87	4.14
ENSG00000100000	KRT35	protein_co	chr17	41476689	41481140	-	0	0
ENSG00000100000	IGF2R	protein_co	chr6	1.6E+08	1.6E+08	+	53.19	59.72
ENSG00000100000	ZNF300P1	transcribec	chr5	1.51E+08	1.51E+08	-	0.62	0.64
ENSG00000100000	LCE1C	protein_co	chr1	1.53E+08	1.53E+08	-	0	0
ENSG00000100000	NPSR1-AS1	processed_	chr7	34346512	34871582	-	0	0
ENSG00000100000	GOLGA6L1	unprocessε	chrY	25495651	25501958	-	0	0
ENSG00000100000	GAL3ST4	protein_co	chr7	1E+08	1E+08	-	11.82	12.75
ENSG00000100000	RP11-573D	antisense	chr3	1.87E+08	1.87E+08	-	1.29	0.78
ENSG00000100000	DYNC1H1	protein_co	chr14	1.02E+08	1.02E+08	+	63.82	62.84
ENSG00000100000	SLC6A17	protein_co	chr1	1.1E+08	1.1E+08	+	0.02	0
ENSG00000100000	IFNL3	protein_co	chr19	39243553	39245129	-	0	0
ENSG00000100000	PCBP2	protein_co	chr12	53452102	53481162	+	297.56	315.45
ENSG00000100000	ZGPAT	protein_co	chr20	63707465	63736142	+	11.35	10.52
ENSG00000100000	SLC25A29	protein_co	chr14	1E+08	1E+08	-	20.57	19.67
ENSG00000100000	PGAP1	protein_co	chr2	1.97E+08	1.97E+08	-	2.77	2.75
ENSG00000100000	SRC	protein_co	chr20	37344685	37406050	+	14.26	14.36
ENSG00000100000	ZNF679	protein_co	chr7	64228474	64266931	+	0	0
ENSG00000100000	ZNF682	protein_co	chr19	19997058	20039506	-	1.19	2.01
ENSG00000100000	OR8B8	protein_co	chr11	1.24E+08	1.24E+08	-	0	0
ENSG00000100000	ZNF772	protein_co	chr19	57466663	57477570	-	3.29	3.53
ENSG00000100000	ZNF257	protein_co	chr19	22052452	22091480	+	0.45	0.09
ENSG00000100000	PCNX3	protein_co	chr11	65615773	65637439	+	9.77	9.25
ENSG00000100000	ADAM32	protein_co	chr8	39106990	39284911	+	0.49	0.28
ENSG00000100000	ACSL5	protein_co	chr10	1.12E+08	1.12E+08	+	0.84	1.13
ENSG00000100000	LRRRC8B	protein_co	chr1	89524836	89597864	+	0.44	1.13
ENSG00000100000	RP11-452G	processed_	chr11	17228279	17229151	+	0	0
ENSG00000100000	ABCB8	protein_co	chr7	1.51E+08	1.51E+08	+	14.04	11.34
ENSG00000100000	HIST1H3J	protein_co	chr6	27890382	27893106	-	0	0
ENSG00000100000	SND1	protein_co	chr7	1.28E+08	1.28E+08	+	67.54	68.94
ENSG00000100000	OR4C4P	unprocessε	chr11	48345351	48352447	-	0	0
ENSG00000100000	ZNF785	protein_co	chr16	30573740	30585771	-	4.17	4.46
ENSG00000100000	SULT1A2	protein_co	chr16	28591943	28597109	-	0.98	0.6
ENSG00000100000	NEK5	protein_co	chr13	52033611	52129078	-	0.12	0.28
ENSG00000100000	PSMD12	protein_co	chr17	67337916	67366627	-	14.06	15.35
ENSG00000100000	OR2B4P	unprocessε	chr6	29290711	29291653	+	0	0
ENSG00000100000	MAGEA6	protein_co	chrX	1.53E+08	1.53E+08	-	0	0
ENSG00000100000	RP11-76E1	lincRNA	chr14	97632647	97686658	-	0	0
ENSG00000100000	ADGRA1	protein_co	chr10	1.33E+08	1.33E+08	+	0	0
ENSG00000100000	CH17-340N	lincRNA	chrX	1.54E+08	1.54E+08	-	4.2	2.05
ENSG00000100000	PIWIL2	protein_co	chr8	22275297	22357563	+	0.27	0.1
ENSG00000100000	MIRLET7Bf	lincRNA	chr22	46053869	46113928	+	1.86	2.9

ENSG0000(NOL4L	protein_co chr20	32443059	32585074	-	2.98	3.8
ENSG0000(SSXP1	unprocessε chrX	52606535	52611758	-	0	0
ENSG0000(CYSRT1	protein_co chr9	1.37E+08	1.37E+08	+	0.5	0.64
ENSG0000(SLC22A4	protein_co chr5	1.32E+08	1.32E+08	+	3.93	2.74
ENSG0000(KB-1592A4	lincRNA chr22	21114607	21124451	-	0.07	0.01
ENSG0000(ZSCAN5B	protein_co chr19	56189570	56197920	-	0	0.04
ENSG0000(TCEA1P1	processed_chr9	97067749	97068628	+	0	0
ENSG0000(ENTPD4	protein_co chr8	23385783	23457695	-	20.4	20.27
ENSG0000(C1D	protein_co chr2	68041130	68110948	-	15.71	11
ENSG0000(TBC1D9B	protein_co chr5	1.8E+08	1.8E+08	-	54.12	56.89
ENSG0000(OR1J2	protein_co chr9	1.23E+08	1.23E+08	+	0.52	0.29
ENSG0000(HIST1H4J	protein_co chr6	27824108	27824480	+	3.1	4.71
ENSG0000(SLC2A7	protein_co chr1	9003300	9026345	-	0	0
ENSG0000(FAM110D	protein_co chr1	26159020	26163962	+	0.59	0.46
ENSG0000(SERPINA1	protein_co chr14	94376747	94390693	-	0.23	0.25
ENSG0000(LINC00336	lincRNA chr6	33586106	33593338	-	0	0
ENSG0000(TPSB2	protein_co chr16	1227272	1230184	-	0	0
ENSG0000(AP000445.	processed_chr11	58685086	58691861	+	0	0
ENSG0000(KANK2	protein_co chr19	11164267	11197791	-	66.9	67.43
ENSG0000(EIF4BP6	processed_chr7	1.05E+08	1.05E+08	+	0.08	0
ENSG0000(C6orf141	protein_co chr6	49550646	49561907	+	0.87	0.93
ENSG0000(GTF2E2	protein_co chr8	30578318	30658251	-	13.41	15
ENSG0000(IL27	protein_co chr16	28499362	28512051	-	0	0
ENSG0000(GUCA2A	protein_co chr1	42162691	42164718	-	0	0
ENSG0000(RAD54B	protein_co chr8	94371960	94475109	-	1.44	3.86
ENSG0000(ZNF165	protein_co chr6	28080975	28089563	+	0.18	0.41
ENSG0000(SYNGAP1	protein_co chr6	33419661	33457541	+	9.24	11.54
ENSG0000(RAMP2-AS	lincRNA chr17	42753914	42761257	-	0.86	1.09
ENSG0000(FITM2	protein_co chr20	44302838	44311169	-	1.99	2.38
ENSG0000(BLM	protein_co chr15	90717327	90816165	+	0.15	0.2
ENSG0000(RP11-366L	antisense chr12	65851340	65882167	-	0.64	0.64
ENSG0000(ZNF720	protein_co chr16	31713229	31794869	+	9.55	7.59
ENSG0000(GATA3-AS1	lincRNA chr10	8050450	8053484	-	0	0
ENSG0000(OR10D3	protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(DDI2	protein_co chr1	15617500	15669044	+	4.84	5.59
ENSG0000(AC060834.	processed_chr7	9726241	9728272	+	0	0
ENSG0000(SVIL	protein_co chr10	29457338	29736781	-	16.72	13.18
ENSG0000(C17orf102	lincRNA chr17	34574123	34579369	-	0	0
ENSG0000(TRIM33	protein_co chr1	1.14E+08	1.15E+08	-	13.21	11.83
ENSG0000(LRP10	protein_co chr14	22871613	22881580	+	169.62	169.5
ENSG0000(PELI1	protein_co chr2	64092652	64144454	-	4.62	3.69
ENSG0000(CTC-499B1	lincRNA chr19	11639776	11686569	+	0.15	0
ENSG0000(Metazoa_S	misc_RNA chr8	9091240	9091508	+	2.69	0
ENSG0000(ZNF655	protein_co chr7	99558406	99576453	+	21.64	20.78
ENSG0000(MRPL21	protein_co chr11	68891276	68903835	-	32.92	32.8

ENSG0000(LYPD2	protein_co chr8	1.43E+08	1.43E+08 -	0	0
ENSG0000(UAP1L1	protein_co chr9	1.37E+08	1.37E+08 +	19.67	19.59
ENSG0000(BNIP3P1	transcribec chr14	28264390	28265974 +	0	0
ENSG0000(ZNF98	protein_co chr19	22391019	22532485 -	0	0
ENSG0000(FBXL22	protein_co chr15	63597353	63602428 +	0.91	0.52
ENSG0000(ZNF786	protein_co chr7	1.49E+08	1.49E+08 -	1.57	1.46
ENSG0000(ZNF517	protein_co chr8	1.45E+08	1.45E+08 +	2.04	2.87
ENSG0000(S100A7L2	protein_co chr1	1.53E+08	1.53E+08 -	0	0
ENSG0000(ZNF675	protein_co chr19	23525631	23687220 -	1.52	1.37
ENSG0000(SLC22A5	protein_co chr5	1.32E+08	1.32E+08 +	2.61	2.36
ENSG0000(OR8S1	protein_co chr12	48507354	48529897 +	0	0
ENSG0000(DACT3	protein_co chr19	46647612	46661138 -	5.23	5.55
ENSG0000(ADARB1	protein_co chr21	45073853	45226560 +	2.88	3.6
ENSG0000(ZNF860	protein_co chr3	31981771	31991628 +	0.05	0.1
ENSG0000(HTT	protein_co chr4	3074681	3243959 +	9.9	6.95
ENSG0000(OR6N1	protein_co chr1	1.59E+08	1.59E+08 -	0	0
ENSG0000(C5AR1	protein_co chr19	47290023	47322066 +	0.17	0.08
ENSG0000(DIO3	protein_co chr14	1.02E+08	1.02E+08 +	0	0
ENSG0000(CYP2B6	protein_co chr19	40991299	41018398 +	0	0.02
ENSG0000(HIST1H3D	protein_co chr6	26196840	26197250 -	0	0
ENSG0000(DCHS2	protein_co chr4	1.54E+08	1.54E+08 -	0	0
ENSG0000(VEPH1	protein_co chr3	1.57E+08	1.58E+08 -	16.31	13.75
ENSG0000(FABP12	protein_co chr8	81524981	81531378 -	0	0
ENSG0000(SHPK	protein_co chr17	3608262	3636322 -	5.49	4.02
ENSG0000(GGT3P	transcribec chr22	18773665	18843399 -	0	0
ENSG0000(OR51D1	protein_co chr11	4639715	4640838 +	0	0
ENSG0000(IPP	protein_co chr1	45694324	45750650 -	4.9	4.78
ENSG0000(OPALIN	protein_co chr10	96343216	96359365 -	0	0
ENSG0000(OR13G1	protein_co chr1	2.48E+08	2.48E+08 -	0	0
ENSG0000(MAP3K5	protein_co chr6	1.37E+08	1.37E+08 -	2.9	4.12
ENSG0000(OGDHL	protein_co chr10	49734643	49762379 -	0.03	0.04
ENSG0000(C16orf47	lincRNA chr16	73126637	73144447 -	0.36	0.05
ENSG0000(CYP2F1	protein_co chr19	41114432	41128366 +	0	0
ENSG0000(GSTK1	protein_co chr7	1.43E+08	1.43E+08 +	65.3	65.48
ENSG0000(HNRNPAB	protein_co chr5	1.78E+08	1.78E+08 +	31.7	34.1
ENSG0000(OR2L5	protein_co chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(STMN3	protein_co chr20	63639705	63657682 -	19.65	21.31
ENSG0000(PDGFA	protein_co chr7	497258	520296 -	2.61	3.45
ENSG0000(AC005276.	lincRNA chr7	1.26E+08	1.26E+08 +	0.08	0
ENSG0000(GYPE	protein_co chr4	1.44E+08	1.44E+08 -	1.06	1.18
ENSG0000(COL13A1	protein_co chr10	69801931	69964275 +	17.14	9.15
ENSG0000(RP11-747H	unprocessε chr4	8949630	8950559 +	0	0
ENSG0000(SPN	protein_co chr16	29662979	29670876 +	0.17	0.17
ENSG0000(ZNF695	protein_co chr1	2.47E+08	2.47E+08 -	0.16	0.1
ENSG0000(ADAM3A	transcribec chr8	39451045	39522852 -	0.02	0

ENSG0000(RP11-170L)	processed_chr16	31962063	31962381	+	0	0
ENSG0000(PCDHB11)	protein_co chr5	1.41E+08	1.41E+08	+	0.12	0.16
ENSG0000(ZNF628)	protein_co chr19	55476332	55484487	+	3.05	1.96
ENSG0000(GALP)	protein_co chr19	56176020	56185775	+	0	0
ENSG0000(SLC2A10)	protein_co chr20	46709487	46736347	+	14.76	13.72
ENSG0000(ZNF665)	protein_co chr19	53159213	53193386	-	1.42	1.75
ENSG0000(RPF2)	protein_co chr6	1.11E+08	1.11E+08	+	10.92	12.09
ENSG0000(LINC00477)	lincRNA chr12	24566964	24584168	-	0	0
ENSG0000(SLC28A3)	protein_co chr9	84275457	84340683	-	0	0.01
ENSG0000(FAM177B)	protein_co chr1	2.23E+08	2.23E+08	+	0	0
ENSG0000(MIB2)	protein_co chr1	1615415	1630610	+	26.78	24.19
ENSG0000(OR6Y1)	protein_co chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(MYO5A)	protein_co chr15	52307283	52529050	-	12.89	11.93
ENSG0000(C5orf56)	protein_co chr5	1.32E+08	1.32E+08	+	4.92	4.54
ENSG0000(GZMM)	protein_co chr19	544034	549924	+	0.07	0
ENSG0000(ATG7)	protein_co chr3	11272309	11557665	+	17.3	13.66
ENSG0000(PRAMENP)	transcribed chr22	21991099	22043934	-	0	0
ENSG0000(RP11-460N)	unprocessed chr9	64817870	64836341	+	0.12	0.09
ENSG0000(SIPA1L1)	protein_co chr14	71320449	71741229	+	27.52	21.85
ENSG0000(TTC30A)	protein_co chr2	1.78E+08	1.78E+08	-	1.91	1.89
ENSG0000(SSPO)	protein_co chr7	1.5E+08	1.5E+08	+	2.38	0.94
ENSG0000(ELANE)	protein_co chr19	851014	856247	+	1.28	0.91
ENSG0000(RAB40C)	protein_co chr16	589357	629272	+	7.55	8.03
ENSG0000(PIGN)	protein_co chr18	61905255	62187118	-	18.02	15.84
ENSG0000(COL4A6)	protein_co chrX	1.08E+08	1.08E+08	-	0.12	0.1
ENSG0000(ZNF624)	protein_co chr17	16620737	16653856	-	2.45	0.91
ENSG0000(HHLA3)	protein_co chr1	70354805	70385339	+	10.05	6.41
ENSG0000(RPS17P2)	processed_chr5	1.17E+08	1.17E+08	+	0	0
ENSG0000(HOXA4)	protein_co chr7	27128507	27130799	-	0	0
ENSG0000(TOPORS)	protein_co chr9	32540544	32552553	-	6.65	5.85
ENSG0000(BCO2)	protein_co chr11	1.12E+08	1.12E+08	+	0.25	1.17
ENSG0000(GPX1P1)	processed_chrX	13378735	13379340	-	7.9	8.52
ENSG0000(KCNMB2)	protein_co chr3	1.78E+08	1.79E+08	+	0	0
ENSG0000(AC107218)	antisense chr2	2.14E+08	2.15E+08	-	0	0
ENSG0000(ENTPD6)	protein_co chr20	25195693	25226729	+	17.84	16.64
ENSG0000(DMBX1)	protein_co chr1	46506996	46514226	+	0	0
ENSG0000(KLKP1)	transcribed chr19	50882096	50896398	-	0	0
ENSG0000(OR11L1)	protein_co chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(ENPP1)	protein_co chr6	1.32E+08	1.32E+08	+	0.87	0.77
ENSG0000(ATP11AUN)	lincRNA chr13	1.13E+08	1.13E+08	+	0	0
ENSG0000(CCDC154)	protein_co chr16	1434383	1444556	-	0.09	0.93
ENSG0000(FAR1)	protein_co chr11	13668670	13732346	+	17.83	15.84
ENSG0000(C5orf42)	protein_co chr5	37106228	37249428	-	5.05	8.4
ENSG0000(ZNF841)	protein_co chr19	52064466	52095765	-	5.97	5.13
ENSG0000(MFAP5)	protein_co chr12	8637346	8662888	-	584.2	603.65

ENSG00000101551	MYH6	protein_co	chr14	23381990	23408277	-	0	0
ENSG00000101552	VN1R5	polymorph	chr1	2.47E+08	2.47E+08	+	0	0
ENSG00000101553	ZNF615	protein_co	chr19	51991332	52008230	-	2.69	4.07
ENSG00000101554	CXorf40A	protein_co	chrX	1.5E+08	1.5E+08	+	8.21	9.26
ENSG00000101555	CDC42SE1	protein_co	chr1	1.51E+08	1.51E+08	-	27.86	31.03
ENSG00000101556	UBE2Q2P1	unprocessε	chr15	84491480	84500599	-	0	0
ENSG00000101557	MPEG1	protein_co	chr11	59208510	59212951	-	0	0
ENSG00000101558	SERPINB2	protein_co	chr18	63871692	63903890	+	0	0
ENSG00000101559	DPP4	protein_co	chr2	1.62E+08	1.62E+08	-	314.26	292.73
ENSG00000101560	SERPINB13	protein_co	chr18	63586989	63604639	+	0	0
ENSG00000101561	AC106870	antisense	chr2	29899597	29907199	+	0	0
ENSG00000101562	PDCD1LG2	protein_co	chr9	5510570	5571254	+	3.56	4.35
ENSG00000101563	ZNF433	protein_co	chr19	12014732	12035741	-	2.19	1.84
ENSG00000101564	CCER1	protein_co	chr12	90905622	90955176	-	0	0
ENSG00000101565	DNAH10	protein_co	chr12	1.24E+08	1.24E+08	+	0.01	0.1
ENSG00000101566	SLC22A24	protein_co	chr11	63079940	63144221	-	0	0
ENSG00000101567	AC007952	antisense	chr17	19155727	19159111	-	0.03	0
ENSG00000101568	RP4-724E1	antisense	chr20	53552770	53575863	+	0	0
ENSG00000101569	OR51C1P	unprocessε	chr11	4690761	4691702	-	0	0
ENSG00000101570	KRTAP26-1	protein_co	chr21	30319124	30320316	-	0	0
ENSG00000101571	CBX3P7	processed_	chr11	89293745	89294246	-	0	0
ENSG00000101572	SPTAN1	protein_co	chr9	1.29E+08	1.29E+08	+	101.56	98.32
ENSG00000101573	NMB	protein_co	chr15	84655129	84658563	-	23.42	18.06
ENSG00000101574	PARVA	protein_co	chr11	12377185	12530801	+	41.32	40.89
ENSG00000101575	KLHL14	protein_co	chr18	32672671	32773062	-	0	0
ENSG00000101576	OR6C74	protein_co	chr12	55247198	55248302	+	0	0
ENSG00000101577	FAM114A1	protein_co	chr4	38867677	38945739	+	69.74	67.02
ENSG00000101578	RPE	protein_co	chr2	2.1E+08	2.1E+08	+	23.24	21.46
ENSG00000101579	ZNF460	protein_co	chr19	57280051	57293569	+	0.37	0.6
ENSG00000101580	CR1L	protein_co	chr1	2.08E+08	2.08E+08	+	0	0
ENSG00000101581	PHF2	protein_co	chr9	93576407	93679587	+	7.13	7.75
ENSG00000101582	RPS26	protein_co	chr12	56041853	56044675	+	354.63	357.06
ENSG00000101583	C14orf178	protein_co	chr14	77760830	77769742	+	0.16	0.29
ENSG00000101584	PTMAP2	processed_	chr5	1.19E+08	1.19E+08	+	0.45	0
ENSG00000101585	SCGB1D4	protein_co	chr11	62296277	62299064	-	0	0
ENSG00000101586	PSAP	protein_co	chr10	71816298	71851375	-	1715.51	1780.64
ENSG00000101587	S100A10	protein_co	chr1	1.52E+08	1.52E+08	-	520.27	543.76
ENSG00000101588	CFAP43	protein_co	chr10	1.04E+08	1.04E+08	-	0.39	0.21
ENSG00000101589	LHFPL5	protein_co	chr6	35805293	35833874	+	0.03	0
ENSG00000101590	RPL37A	protein_co	chr2	2.16E+08	2.17E+08	+	2042.59	1985.76
ENSG00000101591	HOXC6	protein_co	chr12	53990624	54030823	+	0.41	0
ENSG00000101592	TXNRD3	protein_co	chr3	1.27E+08	1.27E+08	-	5.06	4.96
ENSG00000101593	CFD	protein_co	chr19	859643	863630	+	38.9	41.29
ENSG00000101594	STPG3	protein_co	chr9	1.37E+08	1.37E+08	+	0	0
ENSG00000101595	MAP1LC3C	protein_co	chr1	2.42E+08	2.42E+08	-	1.58	0.86

ENSG0000(MCMBP	protein_co chr10	1.2E+08	1.2E+08	-	19.81	17.86
ENSG0000(EME2	protein_co chr16	1773207	1781708	+	2.64	4.58
ENSG0000(KLHDC1	protein_co chr14	49693105	49753152	+	1.03	1.82
ENSG0000(ZNF81	protein_co chrX	47836902	48002561	+	2.08	1.39
ENSG0000(TAF13	protein_co chr1	1.09E+08	1.09E+08	-	14.28	15.88
ENSG0000(ZNF780A	protein_co chr19	40069152	40090938	-	5.49	7.7
ENSG0000(ATAD3A	protein_co chr1	1512151	1534687	+	7.51	7
ENSG0000(OR5B17	protein_co chr11	58358124	58359069	-	0	0
ENSG0000(OR52M1	protein_co chr11	4545191	4546144	+	0	0
ENSG0000(IGKV7-3	IG_V_pseu chr2	88915081	88915378	-	0	0
ENSG0000(FAM118B	protein_co chr11	1.26E+08	1.26E+08	+	9.05	9.26
ENSG0000(ZNF461	protein_co chr19	36637192	36666853	-	2.24	1.64
ENSG0000(CTC-301O7	lincRNA chr19	49331617	49340303	-	0.15	0.54
ENSG0000(RP1-253P7	antisense chr17	17858227	17860041	+	0.15	0.1
ENSG0000(CCDC180	protein_co chr9	97307304	97378524	+	0.65	0.94
ENSG0000(SLC9A8	protein_co chr20	49812713	49892242	+	3.71	3.28
ENSG0000(OCLN	protein_co chr5	69492292	69558104	+	0.39	0.52
ENSG0000(C4orf22	protein_co chr4	80335720	80963756	+	0.57	0.02
ENSG0000(HIST4H4	protein_co chr12	14767999	14771131	-	0.8	0.62
ENSG0000(CYP2A13	protein_co chr19	41088472	41096195	+	0	0
ENSG0000(ZNF181	protein_co chr19	34734155	34745378	+	6.18	6.59
ENSG0000(SLC22A20	transcribec chr11	65213840	65242757	+	0.19	0.31
ENSG0000(OR8G1	protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(FAM212B	protein_co chr1	1.12E+08	1.12E+08	-	3.27	3.42
ENSG0000(ZNF44	protein_co chr19	12224686	12294887	-	2.95	2.01
ENSG0000(GPAA1	protein_co chr8	1.44E+08	1.44E+08	+	58.01	61.92
ENSG0000(ADAMTSL2	protein_co chr9	1.34E+08	1.34E+08	+	1.03	1.11
ENSG0000(SGTB	protein_co chr5	65665928	65723035	-	4.47	4.97
ENSG0000(ZNF790	protein_co chr19	36817428	36850787	-	2.62	2.5
ENSG0000(OR5M12P	unprocessε chr11	56628932	56629860	+	0	0
ENSG0000(PRB3	protein_co chr12	11265924	11269805	-	0	0
ENSG0000(FAM49A	protein_co chr2	16549459	16666331	-	3.29	3.41
ENSG0000(MYO1C	protein_co chr17	1464098	1492812	-	60.27	63.98
ENSG0000(MDS2	protein_co chr1	23581495	23640568	+	0	0
ENSG0000(OR7E13P	unprocessε chr11	86832540	86833449	-	0.07	0
ENSG0000(NKIRAS1	protein_co chr3	23891660	23946591	-	5.25	5.62
ENSG0000(OR1S2	protein_co chr11	58203202	58204181	-	0	0
ENSG0000(UGT2B17	protein_co chr4	68537184	68568527	-	0	0
ENSG0000(MEIG1	protein_co chr10	14959439	14988050	+	0	0.32
ENSG0000(SLC22A12	protein_co chr11	64590641	64602353	+	0	0
ENSG0000(KIF13B	protein_co chr8	29067279	29263124	-	4.54	3.96
ENSG0000(NRAP	protein_co chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(ADH5	protein_co chr4	99070978	99088801	-	198.94	202.09
ENSG0000(SLC22A6	protein_co chr11	62936385	62984983	-	0	0
ENSG0000(HIST1H2BK	protein_co chr6	27146418	27146798	-	10.64	10.36

ENSG0000(TEAD4	protein_co chr12	2959330	3040673 +	6.63	6.22
ENSG0000(SPG7	protein_co chr16	89490917	89557768 +	23.41	23.23
ENSG0000(HRNR	protein_co chr1	1.52E+08	1.52E+08 -	0	0
ENSG0000(IFNA1	protein_co chr9	21440454	21441316 +	0	0
ENSG0000(HES5	protein_co chr1	2528745	2530245 -	0	0
ENSG0000(C2orf27A	transcribec chr2	1.32E+08	1.32E+08 +	3.12	1.65
ENSG0000(ZNF677	protein_co chr19	53235381	53254898 -	8.42	10.66
ENSG0000(ERO1A	protein_co chr14	52639916	52695900 -	47.75	38.86
ENSG0000(ZNF823	protein_co chr19	11721265	11739009 -	0.86	1.28
ENSG0000(CYR1-AS1	antisense chr21	26393635	26569252 +	0	0
ENSG0000(ZNF311	protein_co chr6	28994785	29005316 -	1.38	1.01
ENSG0000(ZNF347	protein_co chr19	53124072	53159075 -	4.13	4.72
ENSG0000(OR5H2	protein_co chr3	98282888	98283832 +	0	0
ENSG0000(PLCG2	protein_co chr16	81739097	81962693 +	0.01	0.14
ENSG0000(FCHSD1	protein_co chr5	1.42E+08	1.42E+08 -	15.69	12.48
ENSG0000(ZNF71	protein_co chr19	56595264	56626481 +	3.73	2.14
ENSG0000(AADAACL2	protein_co chr3	1.52E+08	1.52E+08 +	0.04	0
ENSG0000(S100A6	protein_co chr1	1.54E+08	1.54E+08 -	2161.46	2148.87
ENSG0000(RPL12	protein_co chr9	1.27E+08	1.27E+08 -	1077.85	1075.84
ENSG0000(DNMT3	protein_co chr1	1.72E+08	1.72E+08 +	0.2	0.08
ENSG0000(ZNF121	protein_co chr19	9560353	9584533 -	1.23	0.73
ENSG0000(MPZL1	protein_co chr1	1.68E+08	1.68E+08 +	111.95	120.86
ENSG0000(VPS13A	protein_co chr9	77177353	77421541 +	9.75	10.28
ENSG0000(MBP	protein_co chr18	76978827	77133683 -	11.99	12.33
ENSG0000(AKAP17A	protein_co chrX	1591593	1602514 +	6.93	7.14
ENSG0000(AKAP17A	protein_co chrY	1591593	1602514 +	6.93	7.14
ENSG0000(ELOVL2	protein_co chr6	10980759	11044314 -	0.03	0.03
ENSG0000(GOLGA6L9	protein_co chr15	82430018	82439153 +	1.27	0.85
ENSG0000(LEKR1	protein_co chr3	1.57E+08	1.57E+08 +	0.73	0.35
ENSG0000(C1orf122	protein_co chr1	37806979	37809454 +	40.55	45.21
ENSG0000(OR51A8P	unprocessε chr11	4832133	4833072 +	0	0
ENSG0000(SNHG12	antisense chr1	28578538	28582983 -	11.42	10.23
ENSG0000(ZNF734P	unprocessε chr7	63449819	63456687 +	0	0
ENSG0000(RP11-310K	protein_co chr13	61409858	61427849 -	0	0
ENSG0000(CLEC9A	protein_co chr12	10030677	10066027 +	0	0
ENSG0000(KEL	protein_co chr7	1.43E+08	1.43E+08 -	0.86	0.7
ENSG0000(NOL8	protein_co chr9	92297358	92325636 -	11.88	13.03
ENSG0000(IRAK4	protein_co chr12	43758944	43789543 +	7	9.14
ENSG0000(CCDC151	protein_co chr19	11420604	11435782 -	0.21	0.49
ENSG0000(DLGAP2	protein_co chr8	737596	1708474 +	0	0.01
ENSG0000(MRPL42	protein_co chr12	93467488	93516213 +	16.57	15.17
ENSG0000(ENTPD7	protein_co chr10	99659506	99706240 +	11.65	10.52
ENSG0000(FCGR1B	protein_co chr1	1.21E+08	1.21E+08 +	0	0
ENSG0000(SPANXA1	protein_co chrX	1.42E+08	1.42E+08 -	0	0.05
ENSG0000(SAGE2P	unprocessε chrX	1.36E+08	1.36E+08 -	0	0

ENSG0000(ZNF335	protein_co chr20	45948653	45972172	-	5.26	5.37
ENSG0000(ZNF560	protein_co chr19	9466507	9498607	-	0	0.02
ENSG0000(TUBA3C	protein_co chr13	19173770	19181852	-	0	0
ENSG0000(RPS4X	protein_co chrX	72255679	72277300	-	537.78	588.42
ENSG0000(ZNF273	protein_co chr7	64870172	64930966	+	0.83	0.62
ENSG0000(ZNF84	protein_co chr12	1.33E+08	1.33E+08	+	11.04	9.81
ENSG0000(MAK16	protein_co chr8	33484750	33501260	+	4.28	4.89
ENSG0000(ZNF667	protein_co chr19	56439325	56478065	-	1.15	1.29
ENSG0000(AVPR1B	protein_co chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(SIRPA	protein_co chr20	1894167	1940592	+	43.41	40.54
ENSG0000(DSCR8	protein_co chr21	38121451	38188016	+	0	0
ENSG0000(GRK6	protein_co chr5	1.77E+08	1.77E+08	+	7.43	8.67
ENSG0000(PRIM1	protein_co chr12	56731596	56752373	-	1	1.81
ENSG0000(5-Mar	protein_co chr10	92291163	92353964	+	22.23	23.09
ENSG0000(POTEH	protein_co chr22	15690026	15721631	+	0	0
ENSG0000(NPIP13	protein_co chr16	30222937	30254510	-	2.78	2.66
ENSG0000(AKR1B10	protein_co chr7	1.35E+08	1.35E+08	+	1.61	1.79
ENSG0000(SULT1C4	protein_co chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(CYP2A7	protein_co chr19	40875439	40882752	-	0	0
ENSG0000(ZBTB14	protein_co chr18	5289019	5297053	-	4.59	3.74
ENSG0000(KRTAP9-9	protein_co chr17	41255384	41256364	+	0	0
ENSG0000(CD2AP	protein_co chr6	47477789	47627263	+	5.88	5.64
ENSG0000(NUP62CL	protein_co chrX	1.07E+08	1.07E+08	-	0.1	0
ENSG0000(SFI1	protein_co chr22	31488688	31618586	+	7.58	9.41
ENSG0000(KRTAP4-6	protein_co chr17	41139433	41140487	-	0	0
ENSG0000(TMPRSS11	protein_co chr4	68053198	68129880	-	0	0
ENSG0000(ZNF649	protein_co chr19	51889224	51905040	-	2.27	2.51
ENSG0000(ADH4	protein_co chr4	99123657	99157792	-	0.6	0.15
ENSG0000(OR2T6	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(ZNF248	protein_co chr10	37776526	37858106	-	5.18	3.86
ENSG0000(RP11-231C	lincRNA chr16	29291220	29372110	+	0.26	0.23
ENSG0000(CHSY3	protein_co chr5	1.3E+08	1.3E+08	+	1.1	0.84
ENSG0000(TOR4A	protein_co chr9	1.37E+08	1.37E+08	+	9.88	9.42
ENSG0000(LPAR1	protein_co chr9	1.11E+08	1.11E+08	-	73.07	67.3
ENSG0000(MB	protein_co chr22	35606764	35637951	-	0.06	0.15
ENSG0000(OR2L3	protein_co chr1	2.48E+08	2.48E+08	+	0	0.14
ENSG0000(DEFB107B	protein_co chr8	7495846	7509311	+	0	0
ENSG0000(HIBCH	protein_co chr2	1.9E+08	1.9E+08	-	9.05	10.12
ENSG0000(ZNF544	protein_co chr19	58228594	58277495	+	7.13	7.26
ENSG0000(TMEM229	protein_co chr14	67447084	67533739	-	0.75	0.52
ENSG0000(RP11-267J	processed_ch	12111163	12111489	+	0	0
ENSG0000(SOWAHC	protein_co chr2	1.1E+08	1.1E+08	+	2.3	2.81
ENSG0000(ZNF770	protein_co chr15	34978341	34988287	-	7.14	5.78
ENSG0000(ZNF849P	unprocessε chr19	22685167	22686732	+	0	0
ENSG0000(ZNF876P	transcribec chr4	212610	255985	+	0.12	0.04

ENSG0000(NPIPB6	protein_co chr16	28342555	28363508	-	0	0.11
ENSG0000(HMGN5	protein_co chrX	81113701	81201942	-	1.77	4.01
ENSG0000(MIER1	protein_co chr1	66924895	66988619	+	12.05	11.71
ENSG0000(MAN1A2	protein_co chr1	1.17E+08	1.18E+08	+	12.63	13.67
ENSG0000(SVIP	protein_co chr11	22813799	22830299	-	5.49	5.24
ENSG0000(ZNF251	protein_co chr8	1.45E+08	1.45E+08	-	8.1	8.04
ENSG0000(DDR GK1	protein_co chr20	3190350	3204685	-	31.12	29.01
ENSG0000(FAM47C	protein_co chrX	37008397	37011666	+	0	0
ENSG0000(TFDP1	protein_co chr13	1.14E+08	1.14E+08	+	21.1	24.71
ENSG0000(CLEC4C	protein_co chr12	7729415	7751605	-	0	0
ENSG0000(ZNF607	protein_co chr19	37696363	37719790	-	0.96	1.19
ENSG0000(BPIFA1	protein_co chr20	33235995	33243311	+	0	0
ENSG0000(ZNF334	protein_co chr20	46499630	46513559	-	0.93	1.1
ENSG0000(HSD17B11	protein_co chr4	87336610	87391386	-	17.65	22.41
ENSG0000(SZT2	protein_co chr1	43389882	43454247	+	6.7	7.46
ENSG0000(SULT1C2	protein_co chr2	1.08E+08	1.08E+08	+	0.03	0.01
ENSG0000(ZXDA	protein_co chrX	57906708	57910820	-	0.83	0.94
ENSG0000(RPS6KL1	protein_co chr14	74903954	74923396	-	0.12	0.24
ENSG0000(RP11-566K	protein_co chr16	89919165	89936092	+	0	0
ENSG0000(CACNA1E	protein_co chr1	1.81E+08	1.82E+08	+	0	0
ENSG0000(OR51H2P	unprocessε chr11	4876557	4877462	+	0	0
ENSG0000(QRICH1	protein_co chr3	49029707	49094363	-	22.84	26.81
ENSG0000(AFDN-AS1	lincRNA chr6	1.68E+08	1.68E+08	-	0.03	0.1
ENSG0000(CSF2RA	protein_co chrX	1268800	1310381	+	0	0.19
ENSG0000(CSF2RA	protein_co chrY	1268800	1310381	+	0	0.19
ENSG0000(FKBP1C	protein_co chr6	63211446	63213024	+	0.47	0.13
ENSG0000(DDX42	protein_co chr17	63773603	63819317	+	50.32	46.19
ENSG0000(RP11-98J2	unprocessε chr5	69875271	69920867	+	2.92	3.66
ENSG0000(RPL23A	protein_co chr17	28719393	28724359	+	535.22	540.15
ENSG0000(SLC29A3	protein_co chr10	71319258	71363385	+	2.65	2.74
ENSG0000(CTC-490E2	unprocessε chr19	40908480	40910685	-	0	0
ENSG0000(STYX	protein_co chr14	52730180	52774998	+	3.44	3.12
ENSG0000(UBL5	protein_co chr19	9827892	9830115	+	182.7	195.87
ENSG0000(OR5BB1P	unprocessε chr11	59391354	59392292	-	0	0
ENSG0000(HELZ	protein_co chr17	67070438	67245989	-	7.44	7.82
ENSG0000(TMEM116	protein_co chr12	1.12E+08	1.12E+08	-	6.07	5.54
ENSG0000(KRTAP4-5	protein_co chr17	41148924	41149802	-	0	0
ENSG0000(UCKL1	protein_co chr20	63939829	63956415	-	13.34	13.99
ENSG0000(RP11-468N	unprocessε chr4	68914928	68924741	-	0	0
ENSG0000(OR5B21	protein_co chr11	58507175	58508105	-	0	0.07
ENSG0000(NUP210P1	transcribec chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(CARD11	protein_co chr7	2906141	3043945	-	2.23	2.46
ENSG0000(ZNF485	protein_co chr10	43606407	43617903	+	0.41	0.76
ENSG0000(PEG3	protein_co chr19	56810083	56840728	-	0	0
ENSG0000(SDAD1	protein_co chr4	75940950	75990962	-	10.86	11.27

ENSG0000(BMS1P9	unprocessε	chr9	63055641	63059217	+	0.42	0.19
ENSG0000(ZKSCAN8	protein_co	chr6	28141910	28159472	+	9.77	10.81
ENSG0000(FAM109A	protein_co	chr12	1.11E+08	1.11E+08	-	6.02	6.05
ENSG0000(TMEM239	protein_co	chr20	2816302	2820284	+	0	0.02
ENSG0000(HYLS1	protein_co	chr11	1.26E+08	1.26E+08	+	1.59	1.89
ENSG0000(MYL4	protein_co	chr17	47200446	47223679	+	0	0.24
ENSG0000(ZNF442	protein_co	chr19	12345949	12365905	-	0.32	0.28
ENSG0000(ZNF813	protein_co	chr19	53467735	53496255	+	0.76	1
ENSG0000(HOXC4	protein_co	chr12	54016931	54056030	+	0.58	0.52
ENSG0000(DCAF12L2	protein_co	chrX	1.26E+08	1.26E+08	-	0	0
ENSG0000(PIM3	protein_co	chr22	49960513	49964080	+	14.07	12.97
ENSG0000(ASNA1	protein_co	chr19	12737139	12748323	+	45.01	48.05
ENSG0000(RP11-544M	antisense	chr1	1.61E+08	1.61E+08	+	0.45	0.29
ENSG0000(ASPH	protein_co	chr8	61500556	61714640	-	143.91	132.36
ENSG0000(OR7A11P	unprocessε	chr19	14916428	14917380	+	0	0
ENSG0000(SPRED2	protein_co	chr2	65310851	65432637	-	10.93	10.39
ENSG0000(WWP2	protein_co	chr16	69762306	69941741	+	13.37	12.23
ENSG0000(GFPT1	protein_co	chr2	69319769	69387254	-	14.82	14.42
ENSG0000(UVRAG	protein_co	chr11	75815167	76143195	+	8.44	7.65
ENSG0000(TPTE2P3	unprocessε	chr13	52522632	52586906	+	0	0
ENSG0000(KRTAP13-1	protein_co	chr21	30396074	30396822	+	0	0
ENSG0000(ZNF26	protein_co	chr12	1.33E+08	1.33E+08	+	2.34	2.77
ENSG0000(TMEM207	protein_co	chr3	1.9E+08	1.9E+08	-	0	0
ENSG0000(ITSN2	protein_co	chr2	24202864	24360714	-	10.21	10.6
ENSG0000(NTRK1	protein_co	chr1	1.57E+08	1.57E+08	+	0.18	0.02
ENSG0000(BZW1P2	processed_	chr3	1.17E+08	1.17E+08	-	32.48	31.17
ENSG0000(MGEA5	protein_co	chr10	1.02E+08	1.02E+08	-	36.06	36.16
ENSG0000(TATDN2P1	processed_	chrX	44283916	44286246	+	0	0
ENSG0000(ZNF658B	transcribec	chr9	39443815	39508885	-	0.63	0.69
ENSG0000(MT1F	protein_co	chr16	56657694	56660698	+	0.29	0.21
ENSG0000(TCAF1	protein_co	chr7	1.44E+08	1.44E+08	-	21.36	19.73
ENSG0000(ZNF69	protein_co	chr19	11887784	11914329	+	0.96	0.91
ENSG0000(TXNRD1	protein_co	chr12	1.04E+08	1.04E+08	+	357.54	336.79
ENSG0000(NRARP	protein_co	chr9	1.37E+08	1.37E+08	-	0.25	0.11
ENSG0000(ZNF583	protein_co	chr19	56397966	56436035	+	1.97	3.04
ENSG0000(KRTAP4-1	protein_co	chr17	41184102	41185342	-	0	0
ENSG0000(CCT8L2	protein_co	chr22	16590751	16592810	-	0	0.03
ENSG0000(OR14L1P	unprocessε	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(ZNF568	protein_co	chr19	36916329	36998700	+	3.07	3.87
ENSG0000(PRR31	lincRNA	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(ZXDB	protein_co	chrX	57591652	57597545	+	2.67	2.6
ENSG0000(ZNF480	protein_co	chr19	52297177	52325922	+	5.3	4.3
ENSG0000(ZNF587	protein_co	chr19	57849857	57865112	+	7.17	7.86
ENSG0000(TPM2	protein_co	chr9	35681992	35691020	-	291.29	331.54
ENSG0000(FLVCR1-AS	lincRNA	chr1	2.13E+08	2.13E+08	-	1.3	1.51

ENSG0000(RTP2	protein_co chr3	1.88E+08	1.88E+08	-	0	0
ENSG0000(SH3BGR2	protein_co chr6	79631283	79703659	+	0.59	0.41
ENSG0000(ZNF808	protein_co chr19	52527652	52564464	+	1.3	2.39
ENSG0000(ANKRD35	protein_co chr1	1.46E+08	1.46E+08	-	2.13	1.6
ENSG0000(B3GNT6	protein_co chr11	77034398	77041973	+	0	0.02
ENSG0000(RP11-208N	antisense chr3	1.87E+08	1.87E+08	-	0	0
ENSG0000(YTHDF2	protein_co chr1	28736621	28769775	+	27.46	25.35
ENSG0000(NBR2	transcribed chr17	43125610	43153671	+	4.16	4.5
ENSG0000(TMA16	protein_co chr4	1.63E+08	1.64E+08	+	6.03	6.37
ENSG0000(HLA-DRB5	protein_co chr6	32517343	32530287	-	0	0
ENSG0000(ATL1	protein_co chr14	50532509	50633068	+	2.24	2.29
ENSG0000(CNGA1	protein_co chr4	47935977	48016672	-	0.59	0.92
ENSG0000(MAFK	protein_co chr7	1530714	1543043	+	16.44	17.34
ENSG0000(C1orf228	protein_co chr1	44674692	44725591	+	2.07	2.59
ENSG0000(ZNF43	protein_co chr19	21804949	21852125	-	2.1	2.02
ENSG0000(GPN1	protein_co chr2	27628247	27651508	+	13.84	14.7
ENSG0000(PLN	protein_co chr6	1.19E+08	1.19E+08	+	0.19	0.43
ENSG0000(PABPC1P2	processed_chr2	1.47E+08	1.47E+08	+	0	0.03
ENSG0000(C2CD4A	protein_co chr15	62066977	62070917	+	0.2	0.17
ENSG0000(ZNF28	protein_co chr19	52797409	52857600	-	4.16	3.47
ENSG0000(ITGBL1	protein_co chr13	1.01E+08	1.02E+08	+	61.82	59.32
ENSG0000(ZNF511	protein_co chr10	1.33E+08	1.33E+08	+	14.67	13.19
ENSG0000(C20orf203	lincRNA chr20	32631652	32673941	-	0.02	0
ENSG0000(ZNF627	protein_co chr19	11559374	11619135	+	3.48	3.49
ENSG0000(KCNRG	protein_co chr13	50015254	50020922	+	0	0.34
ENSG0000(WDHD1	protein_co chr14	54938950	55027105	-	2.68	2.33
ENSG0000(RP11-598D	unprocessed chr16	33976039	33987630	+	0.07	0.08
ENSG0000(ZNF789	protein_co chr7	99472841	99503650	+	2.3	2.43
ENSG0000(CTNND1	protein_co chr11	57753243	57819546	+	39.9	44.2
ENSG0000(DDX39B	protein_co chr6	31530219	31542448	-	129.2	113.14
ENSG0000(SLC34A3	protein_co chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RD3	protein_co chr1	2.11E+08	2.11E+08	-	0	0
ENSG0000(SPANXC	protein_co chrX	1.41E+08	1.41E+08	-	0	0
ENSG0000(SH2D1B	protein_co chr1	1.62E+08	1.62E+08	-	0	0.02
ENSG0000(ARC	protein_co chr8	1.43E+08	1.43E+08	-	0	0.04
ENSG0000(RP11-611L	unprocessed chr7	6673494	6676366	+	0.42	0.11
ENSG0000(NUDT16	protein_co chr3	1.31E+08	1.31E+08	+	8.15	7.56
ENSG0000(TLK1	protein_co chr2	1.71E+08	1.71E+08	-	15.25	15.64
ENSG0000(LRBA	protein_co chr4	1.5E+08	1.51E+08	-	6.72	8.13
ENSG0000(C3orf35	protein_co chr3	37386269	37435497	+	0.26	0.29
ENSG0000(ZNF536	protein_co chr19	30228290	30713538	+	0	0
ENSG0000(MMP17	protein_co chr12	1.32E+08	1.32E+08	+	10.84	8.15
ENSG0000(OR2M2	protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(BAZ1A	protein_co chr14	34752731	34875647	-	6.45	6.99
ENSG0000(AKR1C4	protein_co chr10	5195462	5218949	+	0	0

ENSG0000(COPS8	protein_co chr2	2.37E+08	2.37E+08 +	36.01	34.06
ENSG0000(PPIAP22	processed_chr21	18857779	18858276 +	0.93	0
ENSG0000(CCDC69	protein_co chr5	1.51E+08	1.51E+08 -	27.73	26.26
ENSG0000(MDM4	protein_co chr1	2.05E+08	2.05E+08 +	2.93	3.37
ENSG0000(RYR2	protein_co chr1	2.37E+08	2.38E+08 +	0	0
ENSG0000(ZNF534	protein_co chr19	52429187	52452315 +	0.06	0.14
ENSG0000(KLHL9	protein_co chr9	21329671	21335380 -	7.44	7.87
ENSG0000(FAM3D	protein_co chr3	58633946	58666848 -	0	0
ENSG0000(NCOA6	protein_co chr20	34689097	34825649 -	7.43	7.54
ENSG0000(STK39	protein_co chr2	1.68E+08	1.68E+08 -	3.41	3.45
ENSG0000(TAT	protein_co chr16	71565660	71577130 -	0	0
ENSG0000(ABHD17AP	unprocessε chr1	1.48E+08	1.48E+08 +	0	0
ENSG0000(C6orf89	protein_co chr6	36871870	36928964 +	33.18	31.92
ENSG0000(CALM1	protein_co chr14	90396502	90408261 +	137.17	117.37
ENSG0000(LPA	protein_co chr6	1.61E+08	1.61E+08 -	0	0
ENSG0000(RP11-168J1	antisense chr12	65017468	65054124 +	0.06	0
ENSG0000(FAM19A2	protein_co chr12	61708259	62279150 -	1.24	1.08
ENSG0000(OR10G6	protein_co chr11	1.24E+08	1.24E+08 -	0	0
ENSG0000(TTC37	protein_co chr5	95463895	95555007 -	24.31	25.89
ENSG0000(OR5BS1P	unprocessε chr12	48559882	48562956 +	0	0
ENSG0000(TUSC1	protein_co chr9	25676389	25678440 -	4.85	4.95
ENSG0000(MAGEA1	protein_co chrX	1.53E+08	1.53E+08 +	0	0
ENSG0000(PAPSS2	protein_co chr10	87659613	87747705 +	45.12	41.18
ENSG0000(LINC01565	lincRNA chr3	1.29E+08	1.29E+08 -	0	0
ENSG0000(SLC9A6	protein_co chrX	1.36E+08	1.36E+08 +	4.93	5.08
ENSG0000(FAN1	protein_co chr15	30903852	30943108 +	5.43	5.76
ENSG0000(ABCA4	protein_co chr1	93992835	94121132 -	0.27	0.65
ENSG0000(EIF1AY	protein_co chrY	20575725	20593154 +	8.72	11.08
ENSG0000(MT-ND6	protein_co chrM	14149	14673 -	44.74	49.53
ENSG0000(IPO9	protein_co chr1	2.02E+08	2.02E+08 +	18.89	19.14
ENSG0000(OR10R3P	unprocessε chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(GPX6	protein_co chr6	28503296	28528215 -	0	0
ENSG0000(CEP290	protein_co chr12	88049014	88142216 -	2.99	2.75
ENSG0000(SSBP3-AS1	antisense chr1	54236440	54239063 +	0.02	0.07
ENSG0000(MT-CO2	protein_co chrM	7586	8269 +	4479.74	4487.32
ENSG0000(GLMP	protein_co chr1	1.56E+08	1.56E+08 -	103.75	105.08
ENSG0000(TOGARAM	protein_co chr14	44962208	45074431 +	4.18	3.92
ENSG0000(DLL1	protein_co chr6	1.7E+08	1.7E+08 -	0.15	0.09
ENSG0000(ANKRD13B	protein_co chr17	29589769	29614761 +	3.92	4.38
ENSG0000(ECI2	protein_co chr6	4115689	4135597 -	35.38	34.72
ENSG0000(UNC13B	protein_co chr9	35161992	35405338 +	6.67	5.27
ENSG0000(C19orf45	protein_co chr19	7492976	7508450 +	0	0.13
ENSG0000(MT-CYB	protein_co chrM	14747	15887 +	1486.73	1492.14
ENSG0000(LDB1	protein_co chr10	1.02E+08	1.02E+08 -	47.21	52.33
ENSG0000(PPP1R14C	protein_co chr6	1.5E+08	1.5E+08 +	0.23	0.11

ENSG0000(CTR9	protein_co chr11	10750987	10779743	+	15.03	12.69
ENSG0000(SMOC1	protein_co chr14	69854131	70032366	+	0.14	0.43
ENSG0000(F5	protein_co chr1	1.7E+08	1.7E+08	-	0.04	0.02
ENSG0000(MSRB1	protein_co chr16	1938210	1943326	-	12.92	12.42
ENSG0000(SMIM11P1	processed_chr6	85735744	85735921	-	0	0
ENSG0000(LRRTM3	protein_co chr10	66926006	67099830	+	0	0
ENSG0000(ZNF652	protein_co chr17	49289206	49362473	-	1.94	2.26
ENSG0000(SMURF1	protein_co chr7	99027438	99144100	-	7.61	8.05
ENSG0000(SLC5A3	protein_co chr21	34073570	34106262	+	1.85	2.15
ENSG0000(MTCO3P12	unprocessε chr1	634376	634922	+	1.07	0.31
ENSG0000(GPATCH3	protein_co chr1	26890488	26900466	-	6.79	6.69
ENSG0000(CDC42BPB	protein_co chr14	1.03E+08	1.03E+08	-	37.08	38.18
ENSG0000(PLXNB3	protein_co chrX	1.54E+08	1.54E+08	+	1.32	1.13
ENSG0000(OXCT2	protein_co chr1	39769523	39771348	-	0.23	0.07
ENSG0000(RPL10A	protein_co chr6	35468408	35470785	+	800.37	802.27
ENSG0000(COLGALT2	protein_co chr1	1.84E+08	1.84E+08	-	0.4	0.52
ENSG0000(EPS8L3	protein_co chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(EGFL6	protein_co chrX	13569605	13633575	+	0	0
ENSG0000(MT-ND2	protein_co chrM	4470	5511	+	1196.46	1229.07
ENSG0000(SYCP1	protein_co chr1	1.15E+08	1.15E+08	+	0	0
ENSG0000(APCDD1L	protein_co chr20	58459101	58515131	-	2.66	1.83
ENSG0000(RCSD1	protein_co chr1	1.68E+08	1.68E+08	+	0.2	0.08
ENSG0000(RASSF9	protein_co chr12	85800697	85836570	-	1.36	1.58
ENSG0000(FAM169A	protein_co chr5	74777574	74866951	-	0	0
ENSG0000(ZNF830	protein_co chr17	34961530	34963775	+	3.55	3.81
ENSG0000(GRIN3A	protein_co chr9	1.02E+08	1.02E+08	-	0	0
ENSG0000(MT-ND5	protein_co chrM	12337	14148	+	1003.77	1152.51
ENSG0000(OR4D12P	unprocessε chr4	4126659	4127569	-	0	0
ENSG0000(MUC2	processed_chr11	1074875	1110511	+	0	0
ENSG0000(CNOT7	protein_co chr8	17224964	17246878	-	29.04	28.25
ENSG0000(TMEM184f	protein_co chr22	38219291	38273034	-	27.44	30.79
ENSG0000(MTOR	protein_co chr1	11106535	11262507	-	6.5	8.3
ENSG0000(SCAMP5	protein_co chr15	74957219	75021496	+	7.83	9.12
ENSG0000(ZNF521	protein_co chr18	25061926	25352190	-	2.11	2.5
ENSG0000(ALPK2	protein_co chr18	58481247	58628957	-	2.02	2.35
ENSG0000(BRINP2	protein_co chr1	1.77E+08	1.77E+08	+	0.03	0
ENSG0000(MAGEB3	protein_co chrX	30230436	30237492	+	0	0
ENSG0000(LRIG2	protein_co chr1	1.13E+08	1.13E+08	+	2.29	2.12
ENSG0000(MT-CO1	protein_co chrM	5904	7445	+	7254.75	7393.06
ENSG0000(PNP	protein_co chr14	20468954	20477094	+	10.04	10.36
ENSG0000(PAX9	protein_co chr14	36657568	36679715	+	0.49	0.52
ENSG0000(LRRC10	protein_co chr12	69608564	69611162	-	0	0
ENSG0000(GK	protein_co chrX	30653359	30731456	+	4.42	2.82
ENSG0000(FOXJ3	protein_co chr1	42176539	42335877	-	10.52	11.54
ENSG0000(ZNF358	protein_co chr19	7515292	7521026	+	30.71	27.76

ENSG0000(SFT2D1	protein_co chr6	1.66E+08	1.66E+08	-	21.35	19.2
ENSG0000(CD247	protein_co chr1	1.67E+08	1.68E+08	-	0	0
ENSG0000(GRM3	protein_co chr7	86643914	86864884	+	0	0
ENSG0000(CHAMP1	protein_co chr13	1.14E+08	1.14E+08	+	12.2	9.33
ENSG0000(INPP5F	protein_co chr10	1.2E+08	1.2E+08	+	5.25	6.34
ENSG0000(ARHGAP11	protein_co chr15	32615144	32639949	+	4.94	4.29
ENSG0000(SUCNR1	protein_co chr3	1.52E+08	1.52E+08	+	0.06	0.07
ENSG0000(HMGN2	protein_co chr1	26472450	26475972	+	122.15	130.61
ENSG0000(SELENOM	protein_co chr22	31104772	31120069	-	198.5	196.12
ENSG0000(UBE2J1	protein_co chr6	89326625	89352848	-	10.9	10.07
ENSG0000(GJC2	protein_co chr1	2.28E+08	2.28E+08	+	1.62	1.33
ENSG0000(OPA1	protein_co chr3	1.94E+08	1.94E+08	+	29.63	32.29
ENSG0000(DENND4B	protein_co chr1	1.54E+08	1.54E+08	-	9.68	11.24
ENSG0000(RYR3	protein_co chr15	33310945	33866121	+	0.04	0.03
ENSG0000(ZNF277	protein_co chr7	1.12E+08	1.12E+08	+	11.56	10.69
ENSG0000(MT-ND3	protein_co chrM	10059	10404	+	1320.23	1402.7
ENSG0000(KT112	protein_co chr1	52032103	52033816	-	4.32	3.88
ENSG0000(DUSP27	protein_co chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(SELENOT	protein_co chr3	1.51E+08	1.51E+08	+	46.61	47.81
ENSG0000(ARHGEF15	protein_co chr17	8310241	8322516	+	0	0
ENSG0000(TOX	protein_co chr8	58805418	59119208	-	0.04	0
ENSG0000(CES1	protein_co chr16	55802851	55833337	-	0.22	0.85
ENSG0000(CD3E	protein_co chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000(RUSC2	protein_co chr9	35490127	35561898	+	16.89	18.16
ENSG0000(C1orf68	protein_co chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(FICD	protein_co chr12	1.09E+08	1.09E+08	+	2.73	2.53
ENSG0000(OSTC	protein_co chr4	1.09E+08	1.09E+08	+	75.65	71.67
ENSG0000(HSD3BP5	transcribec chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(R3HDM4	protein_co chr19	896503	913245	-	21.86	25.83
ENSG0000(TSEN15	protein_co chr1	1.84E+08	1.84E+08	+	14.11	13.12
ENSG0000(LTN1	protein_co chr21	28928144	28992956	-	5.23	4.29
ENSG0000(RUNDC1	protein_co chr17	42980565	42993690	+	6.36	5.5
ENSG0000(CCDC152	protein_co chr5	42756801	42802360	+	0.91	0.87
ENSG0000(MTND4LP3	processed_chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(STKLD1	protein_co chr9	1.33E+08	1.33E+08	+	0.34	1
ENSG0000(GRK5	protein_co chr10	1.19E+08	1.19E+08	+	14.57	16.53
ENSG0000(TYW1	protein_co chr7	66995173	67239519	+	4.45	5.64
ENSG0000(DCAF12	protein_co chr9	34086387	34127399	-	17.83	14.73
ENSG0000(SFMBT2	protein_co chr10	7158624	7411486	-	0.1	0.01
ENSG0000(ASB12	protein_co chrX	64224196	64230631	-	0	0
ENSG0000(PNMA5	protein_co chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(ITPRIPL1	protein_co chr2	96325331	96330517	+	0.28	0.14
ENSG0000(MT-ND4	protein_co chrM	10760	12137	+	2338.86	2345.96
ENSG0000(SMC5	protein_co chr9	70258962	70354888	+	7.67	13.08
ENSG0000(MT-ND1	protein_co chrM	3307	4262	+	1503.5	1544.52

ENSG0000(DCAF12L1	protein_co chrX	1.27E+08	1.27E+08 -	0	0
ENSG0000(PRMT6	protein_co chr1	1.07E+08	1.07E+08 +	6.49	6.84
ENSG0000(SHISA4	protein_co chr1	2.02E+08	2.02E+08 +	25.38	27.07
ENSG0000(CIPC	protein_co chr14	77098097	77117287 +	6.33	5.98
ENSG0000(CAPZA2	protein_co chr7	1.17E+08	1.17E+08 +	63.62	65.41
ENSG0000(MT-ATP6	protein_co chrM	8527	9207 +	3475.9	3471.27
ENSG0000(TOP1	protein_co chr20	41028818	41124487 +	12.23	12.47
ENSG0000(PRC1	protein_co chr15	90966038	90995629 -	2.97	3.06
ENSG0000(BHLHB9	protein_co chrX	1.03E+08	1.03E+08 +	0.74	0.95
ENSG0000(MAP3K3	protein_co chr17	63622415	63696303 +	12.38	12.59
ENSG0000(L1CAM	protein_co chrX	1.54E+08	1.54E+08 -	0.46	0.44
ENSG0000(SREBF2	protein_co chr22	41833079	41907308 +	56.63	59.85
ENSG0000(C1orf174	protein_co chr1	3889125	3900293 -	9.07	9.35
ENSG0000(POU3F3	protein_co chr2	1.05E+08	1.05E+08 +	0	0
ENSG0000(RASGEF1A	protein_co chr10	43194535	43266919 -	1.9	2.3
ENSG0000(SPOUT1	protein_co chr9	1.29E+08	1.29E+08 -	8.68	7.61
ENSG0000(RPL39	protein_co chrX	1.2E+08	1.2E+08 -	1291.51	1272.36
ENSG0000(DZIP3	protein_co chr3	1.09E+08	1.09E+08 +	3.23	2.79
ENSG0000(KIAA0753	protein_co chr17	6578148	6640927 -	7.2	6.88
ENSG0000(RP11-290L	processed_chr12	75964799	75964995 +	0	0
ENSG0000(DCLRE1A	protein_co chr10	1.14E+08	1.14E+08 -	1.27	1.73
ENSG0000(ATG9A	protein_co chr2	2.19E+08	2.19E+08 -	37.75	38.59
ENSG0000(NOS1AP	protein_co chr1	1.62E+08	1.62E+08 +	0.09	0
ENSG0000(CSAG1	protein_co chrX	1.53E+08	1.53E+08 -	0.11	0.12
ENSG0000(APRT	protein_co chr16	88809339	88811944 -	86.38	87.02
ENSG0000(GPRASP1	protein_co chrX	1.03E+08	1.03E+08 +	0.63	1.34
ENSG0000(TBKBP1	protein_co chr17	47694081	47712050 +	5.66	7.42
ENSG0000(MAGEE1	protein_co chrX	76427724	76431353 +	1.42	1.53
ENSG0000(CCDC167	protein_co chr6	37482920	37499922 -	10.24	12.74
ENSG0000(MT-CO3	protein_co chrM	9207	9990 +	4954.76	5056.33
ENSG0000(ZFP2	protein_co chr5	1.79E+08	1.79E+08 +	0.25	0.58
ENSG0000(SOWAHA	protein_co chr5	1.33E+08	1.33E+08 +	0	0
ENSG0000(L3MBTL3	protein_co chr6	1.3E+08	1.3E+08 +	6.29	7.7
ENSG0000(DMD	protein_co chrX	31097677	33339441 -	0.75	0.9
ENSG0000(MFAP3L	protein_co chr4	1.7E+08	1.7E+08 -	0.97	0.31
ENSG0000(NAGA	protein_co chr22	42058354	42070842 -	16.22	17.49
ENSG0000(SMG5	protein_co chr1	1.56E+08	1.56E+08 -	25.46	24.43
ENSG0000(KIF1BP	protein_co chr10	68988721	69043544 +	11.43	12.24
ENSG0000(TGM2	protein_co chr20	38127387	38166578 -	10.55	13.43
ENSG0000(ARMCX6	protein_co chrX	1.02E+08	1.02E+08 -	34.95	31.98
ENSG0000(PJA2	protein_co chr5	1.09E+08	1.09E+08 -	26.44	26.46
ENSG0000(RORB	protein_co chr9	74497365	74693177 +	0	0.04
ENSG0000(SGMS1	protein_co chr10	50305586	50625163 -	14.36	12.33
ENSG0000(OR10R2	protein_co chr1	1.58E+08	1.58E+08 +	0	0
ENSG0000(OR10Z1	protein_co chr1	1.59E+08	1.59E+08 +	0	0

ENSG00000103070	MIRLET7E	miRNA	chr19	51692786	51692864	+	0	0
ENSG00000103071	MIR375	miRNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG00000103072	MIR30E	miRNA	chr1	40754355	40754446	+	0	0
ENSG00000103073	MIRLET7A2	miRNA	chr11	1.22E+08	1.22E+08	-	0	0
ENSG00000103074	MIR429	miRNA	chr1	1169005	1169087	+	0	0
ENSG00000103075	MIR380	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103076	MIR449A	miRNA	chr5	55170532	55170622	-	0	0
ENSG00000103077	MIR345	miRNA	chr14	1E+08	1E+08	+	0	0
ENSG00000103078	MIR16-2	miRNA	chr3	1.6E+08	1.6E+08	+	0	0
ENSG00000103079	MIR340	miRNA	chr5	1.8E+08	1.8E+08	-	0	0
ENSG00000103080	MIR107	miRNA	chr10	89592747	89592827	-	0	0
ENSG00000103081	MIR448	miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG00000103082	MIR370	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103083	MIR412	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103084	MIR377	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103085	MIR1-1	miRNA	chr20	62554306	62554376	+	0	0
ENSG00000103086	MIR381	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103087	MIR339	miRNA	chr7	1022933	1023026	-	0	0
ENSG00000103088	MIR103A2	miRNA	chr20	3917494	3917571	+	0	0
ENSG00000103089	MIR369	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103090	MIRLET7C	miRNA	chr21	16539828	16539911	+	0	0
ENSG00000103091	MIR371A	miRNA	chr19	53787675	53787741	+	0	0
ENSG00000103092	MIR425	miRNA	chr3	49020148	49020234	-	0	0
ENSG00000103093	MIR103A1	miRNA	chr5	1.69E+08	1.69E+08	-	0	0
ENSG00000103094	MIR219A1	miRNA	chr6	33207835	33207944	+	0	0
ENSG00000103095	MIR210	miRNA	chr11	568089	568198	-	0	18.15
ENSG00000103096	MIR335	miRNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG00000103097	MIR378A	miRNA	chr5	1.5E+08	1.5E+08	+	0	0
ENSG00000103098	MIR361	miRNA	chrX	85903636	85903707	-	0	0
ENSG00000103099	MIR324	miRNA	chr17	7223297	7223379	-	0	0
ENSG00000103100	MIR135B	miRNA	chr1	2.05E+08	2.05E+08	-	0	0
ENSG00000103101	MIR101-2	miRNA	chr9	4850297	4850375	+	0	0
ENSG00000103102	MIR323A	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103103	MIRLET7F1	miRNA	chr9	94176347	94176433	+	0	0
ENSG00000103104	MIR26A1	miRNA	chr3	37969404	37969480	+	0	0
ENSG00000103105	MIR129-2	miRNA	chr11	43581394	43581483	+	0	0
ENSG00000103106	MIR133B	miRNA	chr6	52148923	52149041	+	0	0
ENSG00000103107	MIR342	miRNA	chr14	1E+08	1E+08	+	0	0
ENSG00000103108	MIR148A	miRNA	chr7	25949919	25949986	-	0	0
ENSG00000103109	MIR379	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103110	MIR326	miRNA	chr11	75335092	75335186	-	0	0
ENSG00000103111	MIR410	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000103112	MIR30C2	miRNA	chr6	71376960	71377031	-	0	0
ENSG00000103113	MIR372	miRNA	chr19	53787890	53787956	+	0	0
ENSG00000103114	MIR302C	miRNA	chr4	1.13E+08	1.13E+08	-	0	0

ENSG0000(MIR346	miRNA	chr10	86264694	86264788	-	0	0
ENSG0000(MIR409	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR411	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR26B	miRNA	chr2	2.18E+08	2.18E+08	+	0	0
ENSG0000(MIR148B	miRNA	chr12	54337216	54337314	+	0	0
ENSG0000(MIR383	miRNA	chr8	14853438	14853510	-	0	0
ENSG0000(MIR365A	miRNA	chr16	14309285	14309371	+	0	0
ENSG0000(MIR450A1	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(MIRLET7D	miRNA	chr9	94178834	94178920	+	0	0
ENSG0000(MIR101-1	miRNA	chr1	65058434	65058508	-	0	0
ENSG0000(MIR373	miRNA	chr19	53788705	53788773	+	0	0
ENSG0000(MIR302D	miRNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(MIRLET7G	miRNA	chr3	52268278	52268361	-	0	0
ENSG0000(MIR337	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR30D	miRNA	chr8	1.35E+08	1.35E+08	-	0	0
ENSG0000(MIR422A	miRNA	chr15	63870930	63871019	-	0	0
ENSG0000(MIR208A	miRNA	chr14	23388596	23388666	-	0	0
ENSG0000(MIR96	miRNA	chr7	1.3E+08	1.3E+08	-	0	0
ENSG0000(MIR126	miRNA	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(MIRLET7A1	miRNA	chr9	94175957	94176036	+	0	0
ENSG0000(MIR374A	miRNA	chrX	74287286	74287357	-	0	0
ENSG0000(MIR367	miRNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(MIR331	miRNA	chr12	95308420	95308513	+	0	0
ENSG0000(MIR31	miRNA	chr9	21512115	21512185	-	0	0
ENSG0000(MIRLET7I	miRNA	chr12	62603686	62603769	+	0	0
ENSG0000(SNORA25	snoRNA	chr13	34100711	34100838	-	0	0
ENSG0000(RN7SKP72	misc_RNA	chr18	1323794	1324085	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	34201979	34202074	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	73192223	73192325	-	0	0
ENSG0000(RNA5SP28	rRNA	chr9	95905005	95905141	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	2.1E+08	2.1E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	34001698	34001799	-	0	0
ENSG0000(RNU105C	snoRNA	chr8	54330687	54330895	+	0	0
ENSG0000(RNU6-112	snRNA	chr11	1.2E+08	1.2E+08	+	0	0
ENSG0000(RN7SKP18	misc_RNA	chr20	53097652	53097984	+	0	0
ENSG0000(RNU6-500	snRNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	1.15E+08	1.15E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	21481716	21481817	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	6572956	6573057	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	1.16E+08	1.16E+08	-	0	0
ENSG0000(RNU6-50P	snRNA	chrX	46517766	46517868	+	0	0
ENSG0000(snoU2_19	snoRNA	chr7	63175940	63176019	-	0	0
ENSG0000(RNU6-834	snRNA	chr12	49593104	49593213	+	0	0
ENSG0000(RNA5SP46	rRNA	chr1	43196417	43196536	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.41E+08	2.41E+08	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr12	88430442	88430550	+	0	0
ENSG0000(RNU6-896F	snRNA	chr6	1.54E+08	1.54E+08	+	0	0
ENSG0000(RNU6-28P	snRNA	chr22	31479383	31479489	-	0	0
ENSG0000(RNU6-664F	snRNA	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(RNU6-874F	snRNA	chr11	1.29E+08	1.29E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	68474553	68474664	-	0	0
ENSG0000(SNORA60	snoRNA	chr20	38449370	38449503	+	0	0
ENSG0000(RNA5S12	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU6-349F	snRNA	chr18	6454962	6455068	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	40128121	40128232	-	0	0
ENSG0000(RNA5SP26	rRNA	chr13	37854852	37854970	-	0	0
ENSG0000(RNU6-661F	snRNA	chr5	62443176	62443282	+	0	0
ENSG0000(SNORA9	snoRNA	chr13	72586680	72586810	+	0	0
ENSG0000(RNU1-58P	snRNA	chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	38987281	38987383	+	0	0
ENSG0000(RNU6-1094	snRNA	chr3	96608814	96608917	-	0	0
ENSG0000(RNU6-502F	snRNA	chr6	26519351	26519458	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	29750371	29750472	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	31258608	31258709	-	0	0
ENSG0000(SNORA21	snoRNA	chr17	38852863	38852994	-	4.73	0
ENSG0000(RNU6-1312	snRNA	chr2	83657735	83657842	+	0	0
ENSG0000(RNA5SP43	rRNA	chr16	75861048	75861157	-	0	0
ENSG0000(RNU6-208F	snRNA	chr16	71666091	71666197	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	99642237	99642347	-	0	0
ENSG0000(RNU6-858F	snRNA	chr3	1.98E+08	1.98E+08	+	0	0
ENSG0000(RNU6-222F	snRNA	chr19	54868939	54869045	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25232387	25232468	+	0	0
ENSG0000(RNU4-82P	snRNA	chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000(RNA5SP34	rRNA	chr11	97657464	97657582	+	0	0
ENSG0000(RNA5SP52	rRNA	chr1	87453240	87453373	-	0	0
ENSG0000(RN7SKP25	misc_RNA	chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(SNORD60	snoRNA	chr10	1.27E+08	1.27E+08	-	0	0
ENSG0000(RNA5SP18	rRNA	chr5	55777469	55777587	+	0	0
ENSG0000(RNU4-39P	snRNA	chr11	66614964	66615090	-	0	0
ENSG0000(RNU6-1298	snRNA	chr4	88226729	88226829	+	0	0
ENSG0000(RNU6-230F	snRNA	chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	1.09E+08	1.09E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	31402152	31402250	-	0	0
ENSG0000(RNA5S11	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU6-204F	snRNA	chr4	3044101	3044207	+	0	0
ENSG0000(RNA5S3	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU5E-1	snRNA	chr1	11908152	11908271	+	0	0
ENSG0000(RNU6-766F	snRNA	chr2	1.69E+08	1.69E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.07E+08	2.07E+08	-	0	0
ENSG0000(RNA5SP43	rRNA	chr16	84039918	84040033	-	0	0

ENSG0000(RNA5S1	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNA5SP27:	rRNA	chr8	90511128	90511240	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	23456371	23456467	+	0	0
ENSG0000(RNU6-1115	snRNA	chr6	1.11E+08	1.11E+08	+	0	0
ENSG0000(RNU1-150F	snRNA	chr5	40269558	40269719	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	75837544	75837645	-	0	0
ENSG0000(SNORA63	snoRNA	chr3	1.83E+08	1.83E+08	+	0	0
ENSG0000(RNA5SP32:	rRNA	chr10	1.11E+08	1.11E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	23582016	23582121	-	0	0
ENSG0000(RNU6-1084	snRNA	chr8	11392411	11392517	-	0	0
ENSG0000(U3	snoRNA	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNA5SP45:	rRNA	chr18	32176050	32176168	-	0	0
ENSG0000(RNU5F-1	snRNA	chr1	44721786	44721902	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1E+08	1E+08	+	0	0
ENSG0000(RNU6-79P	snRNA	chr13	72881108	72881214	-	0	0
ENSG0000(RNU6-369F	snRNA	chr1	44390722	44390823	+	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(SNORA25	snoRNA	chr18	77431563	77431689	-	0	0
ENSG0000(RNU6-600F	snRNA	chr12	48892130	48892228	-	0	0
ENSG0000(RNA5SP93	rRNA	chr2	56235217	56235330	-	0	0
ENSG0000(RNA5S5	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(Y_RNA	misc_RNA	chr5	1.6E+08	1.6E+08	+	0	0
ENSG0000(RNY4P19	misc_RNA	chr2	2.3E+08	2.3E+08	-	0	0
ENSG0000(RNA5SP30:	rRNA	chr10	28874393	28874507	-	0	0
ENSG0000(RNA5SP25:	rRNA	chr7	1.53E+08	1.53E+08	-	0	0
ENSG0000(SNORA1	snoRNA	chr8	55902723	55902855	-	0	0
ENSG0000(RNA5SP30:	rRNA	chr10	13727796	13727916	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.5E+08	1.5E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	16912215	16912317	-	0	0
ENSG0000(SNORD62	snoRNA	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RNA5SP37:	rRNA	chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(RN7SKP17:	misc_RNA	chr4	15093767	15094094	-	0	0
ENSG0000(VTRNA3-1F	misc_RNA	chrX	53462209	53462310	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(RNU1-108F	snRNA	chr17	58666537	58666697	-	0	0
ENSG0000(SNORD9	snoRNA	chr14	21392150	21392253	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	77821030	77821142	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	12088245	12088346	-	0	0
ENSG0000(RNU6-543F	snRNA	chr10	63110139	63110246	+	0	0
ENSG0000(RNU6-845F	snRNA	chr16	46556089	46556191	-	0	0
ENSG0000(RNA5SP27:	rRNA	chr8	1.16E+08	1.16E+08	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25191416	25191497	+	0	0
ENSG0000(RNA5SP38:	rRNA	chr14	78177803	78177921	-	0	0
ENSG0000(RNA5SP19:	rRNA	chr5	1.3E+08	1.3E+08	+	0	0

ENSG0000(RNU4-35P)	snRNA	chr6	1.21E+08	1.21E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	85435175	85435284	-	0	0
ENSG0000(RNU6-121f)	snRNA	chr2	69182877	69182983	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	20679411	20679512	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	1.25E+08	1.25E+08	+	0	0
ENSG0000(RNU6-556F)	snRNA	chr5	1.57E+08	1.57E+08	+	0	0
ENSG0000(RNU1-62P)	snRNA	chr3	72576691	72576854	+	0	0
ENSG0000(SNORA64)	snoRNA	chr7	12700758	12700889	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	73906316	73906427	-	0	0
ENSG0000(SNORA63)	snoRNA	chr7	17373201	17373326	-	0	0
ENSG0000(SNORA27)	snoRNA	chr16	12842487	12842610	-	0	0
ENSG0000(RN7SKP10)	misc_RNA	chr7	97598933	97599260	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	48288587	48288694	+	0	0
ENSG0000(SNORA31)	snoRNA	chr13	45337480	45337609	-	0	0
ENSG0000(RNA5SP38)	rRNA	chr14	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-633F)	snRNA	chr16	10496272	10496374	+	0	0
ENSG0000(RNU4-15P)	snRNA	chr9	83596444	83596584	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	41963868	41963969	-	0	0
ENSG0000(RNU1-70P)	snRNA	chr3	1.71E+08	1.71E+08	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25215541	25215622	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	49920597	49920694	-	0	0
ENSG0000(RNU6-131)	snRNA	chr17	49966075	49966176	-	0	0
ENSG0000(RNU1-94P)	snRNA	chr20	31901254	31901426	+	0	0
ENSG0000(RNU6-247F)	snRNA	chr12	95792529	95792635	-	0	0
ENSG0000(RNA5SP11)	rRNA	chr2	1.65E+08	1.65E+08	+	0	0
ENSG0000(RNA5SP47)	rRNA	chr20	21138956	21139074	-	0	0
ENSG0000(RNU6-212F)	snRNA	chr15	59341314	59341417	-	0	0
ENSG0000(RNU6-235F)	snRNA	chr3	38303773	38303879	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	41065554	41065646	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RNU6-386F)	snRNA	chr3	77092057	77092163	+	0	0
ENSG0000(RNA5SP22)	rRNA	chr6	1.65E+08	1.65E+08	+	0	0
ENSG0000(RNA5SP29)	rRNA	chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU6-462F)	snRNA	chr4	1.02E+08	1.02E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	82944738	82944845	-	0	0
ENSG0000(RNA5SP30)	rRNA	chr10	24640166	24640284	+	0	0
ENSG0000(RNU6-315F)	snRNA	chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	144087	144197	-	0	0
ENSG0000(RNA5SP19)	rRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	49270132	49270239	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	2372638	2372750	+	0	0
ENSG0000(RNU6-545F)	snRNA	chr12	12226674	12226777	+	0	0
ENSG0000(SNORA63)	snoRNA	chr5	40654963	40655094	+	0	0
ENSG0000(RNA5SP36)	rRNA	chr12	45117771	45117888	+	0	0

ENSG0000(RNU6-37P	snRNA	chr1	10298966	10299072	+	0	1.24
ENSG0000(RNA5SP50)	rRNA	chrX	41292798	41292916	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(SNORA64	snoRNA	chr12	47346166	47346297	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	86019608	86019715	+	0	0
ENSG0000(RNU5A-1	snRNA	chr15	65296051	65296166	+	0	0
ENSG0000(RNU6-228F	snRNA	chr20	14352320	14352425	+	0	0
ENSG0000(SNORA22	snoRNA	chr12	39819750	39819883	-	0	0
ENSG0000(RNA5SP17)	rRNA	chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(SNORD18C	snoRNA	chr15	66501250	66501318	-	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-822F	snRNA	chr3	20268965	20269070	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	74983274	74983376	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNA5SP11)	rRNA	chr2	2.12E+08	2.12E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	47931808	47931914	-	0	0
ENSG0000(RNA5SP32)	rRNA	chr10	77587049	77587159	+	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-130)	snRNA	chr3	37140327	37140430	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(RNU6-859F	snRNA	chr21	43919795	43919901	-	0	0
ENSG0000(RNU6-562F	snRNA	chrX	75202703	75202809	+	0	0
ENSG0000(RNU6-951F	snRNA	chr2	38147415	38147521	+	0	0
ENSG0000(RNY4P24	misc_RNA	chr13	52400004	52400099	+	0	0
ENSG0000(RNA5SP12)	rRNA	chr3	14394648	14394757	+	0	0
ENSG0000(RNA5SP25)	rRNA	chr8	26136880	26136998	+	0	0
ENSG0000(RN7SKP20	misc_RNA	chrX	13596236	13596548	+	0	0
ENSG0000(RNU6-989F	snRNA	chr2	1.87E+08	1.87E+08	-	0	0
ENSG0000(RNU6-101)	snRNA	chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNU1-14P	snRNA	chr7	53366058	53366209	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	89841329	89841424	+	0	0
ENSG0000(SNORD33	snoRNA	chr19	49490615	49490699	+	0	0
ENSG0000(SNORA63	snoRNA	chr15	78091172	78091297	-	0	0
ENSG0000(RNU4-79P	snRNA	chr4	1.58E+08	1.58E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	21160235	21160336	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	24429505	24429609	+	0	0
ENSG0000(RNA5SP31)	rRNA	chr10	68461407	68461525	+	0	0
ENSG0000(RN7SKP29)	misc_RNA	chr8	49330210	49330547	+	0	0
ENSG0000(RNU4-90P	snRNA	chr5	91270727	91270867	+	0	0
ENSG0000(RNU6-133)	snRNA	chr5	74779309	74779413	+	0	0
ENSG0000(RNU6-127)	snRNA	chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(RNU1-35P	snRNA	chr8	1.36E+08	1.36E+08	-	0	0
ENSG0000(RNU6-126)	snRNA	chr10	77776951	77777055	-	0	0
ENSG0000(U3	snoRNA	chr1	90657750	90657964	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	1E+08	1E+08	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr16	11315067	11315178	+	0	0
ENSG0000(RNU4-21P	snRNA	chr1	2.3E+08	2.3E+08	-	0	0
ENSG0000(SNORD16	snoRNA	chr15	66502812	66502910	-	0	0
ENSG0000(RNU6-862F	snRNA	chr17	16137768	16137872	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr20	35853252	35853364	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(RN7SKP18	misc_RNA	chr20	37975156	37975481	-	0	0
ENSG0000(RNU1-38P	snRNA	chr2	85728194	85728337	-	0	0
ENSG0000(RN7SKP17	misc_RNA	chr20	38761528	38761842	+	0	0
ENSG0000(RNU6-112	snRNA	chr22	31222745	31222853	-	0	0
ENSG0000(RNU6-446F	snRNA	chr17	62683905	62684010	+	0	47.9
ENSG0000(Y_RNA	misc_RNA	chr21	23432181	23432282	-	0	0
ENSG0000(RNU6-223F	snRNA	chr7	1.36E+08	1.36E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	94713715	94713812	-	0	0
ENSG0000(RNU6-170F	snRNA	chr18	12304091	12304194	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25223246	25223327	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(RNU4-23P	snRNA	chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	99936610	99936711	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25172635	25172716	+	0	0
ENSG0000(U8	snoRNA	chr18	58818883	58819016	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	18273165	18273266	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	22867818	22867917	+	0	0
ENSG0000(RN7SKP74	misc_RNA	chr20	18295143	18295451	-	0	0
ENSG0000(RNU6-655F	snRNA	chr18	78036739	78036845	+	0	0
ENSG0000(RN7SKP95	misc_RNA	chr15	58703852	58704154	-	0	0
ENSG0000(RNU6-107	snRNA	chr5	32234766	32234875	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	96309221	96309322	-	0	0
ENSG0000(RNA5SP30	rRNA	chr10	26509589	26509704	+	0	0
ENSG0000(RNU6-227F	snRNA	chr17	76656320	76656422	+	0	0
ENSG0000(RNU6-552F	snRNA	chr14	45274359	45274477	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	50939927	50940026	-	0	0
ENSG0000(SNORD36A	snoRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	71491066	71491167	-	0	0
ENSG0000(SNORD104	snoRNA	chr17	64146083	64146152	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	67340068	67340176	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	28881726	28881835	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	47489067	47489170	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	1.15E+08	1.15E+08	-	0	0
ENSG0000(RNU6-363F	snRNA	chr5	31595565	31595669	-	0	0
ENSG0000(RNU6-78P	snRNA	chr13	25517119	25517225	+	0	0
ENSG0000(RNA5SP42	rRNA	chr16	50869455	50869575	-	0	0
ENSG0000(RNU1-76P	snRNA	chr5	7980146	7980304	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	59533786	59533898	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25185631	25185712	+	0	0
ENSG0000(SNORD56	snoRNA	chr22	24901147	24901214	-	0	0
ENSG0000(RNU6-1287	snRNA	chr15	56274530	56274636	-	0	0
ENSG0000(SNORA52	snoRNA	chr11	811681	811814	+	0	0
ENSG0000(RNA5SP18	rRNA	chr5	1.02E+08	1.02E+08	-	0	0
ENSG0000(SNORA42	snoRNA	chr16	30419625	30419759	-	0	0
ENSG0000(RNY3P2	misc_RNA	chr13	49095391	49095492	+	0	0
ENSG0000(RNU6-836F	snRNA	chr4	41084607	41084713	+	0	0
ENSG0000(RNU6-451F	snRNA	chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(RNU6-1233	snRNA	chr3	1.75E+08	1.75E+08	-	0	0
ENSG0000(RNU6-924F	snRNA	chr19	46306470	46306577	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr22	28303754	28303850	+	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	69985986	69986094	+	0	0
ENSG0000(RNU6-1155	snRNA	chr20	15021553	15021659	-	0	0
ENSG0000(RNA5SP38	rRNA	chr14	24158603	24158722	+	0	0
ENSG0000(RNU1-134F	snRNA	chr20	63908955	63909119	+	0	0
ENSG0000(RNA5SP49	rRNA	chr21	36851911	36852028	+	0	0
ENSG0000(RNA5SP37	rRNA	chr12	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNU6-428F	snRNA	chr3	1.47E+08	1.47E+08	+	0	0
ENSG0000(RNU6-126	snRNA	chr9	14850429	14850535	+	0	0
ENSG0000(SNORA17	snoRNA	chr3	8931506	8931631	+	0	0
ENSG0000(RNU6-199F	snRNA	chr12	51162901	51163007	+	0	0
ENSG0000(RNU6-129	snRNA	chr2	1.75E+08	1.75E+08	+	0	0
ENSG0000(RN7SKP29	misc_RNA	chr1	55376526	55376852	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25208083	25208163	+	0	0
ENSG0000(RNU1-47P	snRNA	chr14	99945315	99945477	+	0	0
ENSG0000(RNA5SP71	rRNA	chr1	1.83E+08	1.83E+08	-	0	0
ENSG0000(RNA5SP15	rRNA	chr3	1.82E+08	1.82E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.84E+08	1.84E+08	-	0	0
ENSG0000(RNA5SP35	rRNA	chr12	38161466	38161582	-	0	0
ENSG0000(RNA5SP37	rRNA	chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(RNU1-72P	snRNA	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(RNU5F-6P	snRNA	chr1	1.64E+08	1.64E+08	+	0	0
ENSG0000(U3	snoRNA	chr6	28015568	28015777	+	0	0
ENSG0000(RNU6-490F	snRNA	chr10	27088321	27088427	-	0	0
ENSG0000(U3	snoRNA	chr18	7995570	7995785	+	0	0
ENSG0000(SNORD50	snoRNA	chr4	76402076	76402146	+	0	0
ENSG0000(RNU6-112	snRNA	chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(RNU6-582F	snRNA	chr4	1.57E+08	1.57E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1.27E+08	1.27E+08	-	0	0
ENSG0000(RNU6-495F	snRNA	chr22	41377177	41377283	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.73E+08	1.73E+08	-	0	0

ENSG0000(Y_RNA	misc_RNA	chr18	62330812	62330913	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	75353885	75353986	-	0	0
ENSG0000(RNU6-942F	snRNA	chr2	26042675	26042781	+	0	0
ENSG0000(RNA5SP45:	rRNA	chr18	24170505	24170623	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	93719603	93719715	+	0	0
ENSG0000(RN7SKP14:	misc_RNA	chrX	1.43E+08	1.43E+08	-	0	0
ENSG0000(RNU1-120F	snRNA	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNU6-888F	snRNA	chr5	1.38E+08	1.38E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	92272147	92272250	-	0	0
ENSG0000(RN7SKP90	misc_RNA	chr11	16842253	16842587	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNU6-330F	snRNA	chrX	74680053	74680159	+	0	0
ENSG0000(RNU6-249F	snRNA	chr12	42398550	42398651	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(RNU1-17P	snRNA	chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(snoU2_19	snoRNA	chr4	1.1E+08	1.1E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	92170353	92170453	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	1.13E+08	1.13E+08	-	0	0
ENSG0000(RNA5SP46:	rRNA	chr19	7886977	7887096	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	52786537	52786638	+	0	0
ENSG0000(RNU6-127:	snRNA	chr12	51037499	51037602	+	0	0
ENSG0000(RNU6-492F	snRNA	chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(RNU5B-2P	snRNA	chr3	40498891	40499003	-	0	0
ENSG0000(RNA5S10	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(Y_RNA	misc_RNA	chr5	24910594	24910695	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	7800361	7800467	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	73095357	73095458	+	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU4-44P	snRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(RNU6-161F	snRNA	chr1	76753135	76753240	+	0	0
ENSG0000(RNU6-125:	snRNA	chr4	52494849	52494952	+	0	0
ENSG0000(ACEA_U3	snoRNA	chr3	30304320	30304536	-	0	0
ENSG0000(RNA5SP40:	rRNA	chr16	26028912	26029025	+	0	0
ENSG0000(RNU1-18P	snRNA	chr6	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNY1P16	misc_RNA	chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(SNORD81	snoRNA	chr1	85592280	85592356	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	85460144	85460252	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	38565950	38566055	+	0	0
ENSG0000(RN7SKP75	misc_RNA	chr7	71685452	71685747	-	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-653F	snRNA	chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	86275429	86275523	-	0	0
ENSG0000(RNA5SP44:	rRNA	chr17	45327366	45327497	-	0	0
ENSG0000(SNORA2	snoRNA	chr1	84277321	84277457	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25194921	25195001	+	0	0

ENSG0000(SNORD1B	snoRNA	chr17	76561109	76561192	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr21	17576798	17576906	+	0	0
ENSG0000(RNU6-605F	snRNA	chr1	38926870	38926977	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	64834056	64834157	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25204357	25204438	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25174927	25175008	+	0	0
ENSG0000(RNU6-797F	snRNA	chr7	1.4E+08	1.4E+08	-	0	0
ENSG0000(RN7SKP24	misc_RNA	chr11	73832382	73832690	-	0	0
ENSG0000(SNORA73	snoRNA	chr18	21817624	21817828	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	68885576	68885677	-	0	0
ENSG0000(RNA5SP26	rRNA	chr8	36764445	36764551	+	0	0
ENSG0000(RNU6-486F	snRNA	chr3	1.81E+08	1.81E+08	+	0	0
ENSG0000(VTRNA1-1	misc_RNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNA5SP14	rRNA	chr3	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNU6-986F	snRNA	chr2	27475494	27475595	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	33722492	33722596	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	93460725	93460826	-	0	0
ENSG0000(RNU6-623F	snRNA	chr17	60662333	60662437	-	0	0
ENSG0000(RNA5SP44	rRNA	chr17	74417594	74417704	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	87743952	87744053	-	0	0
ENSG0000(U8	snoRNA	chr9	38147428	38147561	+	0	0
ENSG0000(RNA5SP98	rRNA	chr2	76772909	76773045	+	0	0
ENSG0000(RNU6-642F	snRNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(RNU6-403F	snRNA	chr1	2.22E+08	2.22E+08	-	25.45	0
ENSG0000(RNU4-73P	snRNA	chr2	9740643	9740783	-	0	0
ENSG0000(RNA5SP65	rRNA	chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	75928513	75928625	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	75181520	75181621	-	0	0
ENSG0000(RN7SKP11	misc_RNA	chr11	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-812F	snRNA	chr2	78882628	78882734	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1.43E+08	1.43E+08	+	0	0
ENSG0000(SNORD45	snoRNA	chr5	1.41E+08	1.41E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.65E+08	1.65E+08	-	0	0
ENSG0000(RN7SKP63	misc_RNA	chr22	21389191	21389491	+	0.09	0
ENSG0000(RNA5SP21	rRNA	chr6	1.34E+08	1.34E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	2131851	2131950	+	0	7.6
ENSG0000(Y_RNA	misc_RNA	chr12	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU4-58P	snRNA	chr16	59540126	59540266	+	0	0
ENSG0000(SNORA30	snoRNA	chr17	78399935	78400063	+	0	0
ENSG0000(RNY4P9	misc_RNA	chr13	49908634	49908730	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	32134738	32134834	+	0	0
ENSG0000(RNU4-80P	snRNA	chr15	59212648	59212788	-	0	0
ENSG0000(SNORD44	snoRNA	chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000(SNORA25	snoRNA	chr8	1.3E+08	1.3E+08	-	0	0
ENSG0000(RNA5SP32	rRNA	chr10	1.07E+08	1.07E+08	+	0	0

ENSG0000(SNORD68	snoRNA	chr16	89561434	89561517	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RNU6-433F	snRNA	chr2	55014418	55014521	-	0	0
ENSG0000(SNORA73B	snoRNA	chr1	28508559	28508762	+	0	5.01
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	47726894	47726992	-	0	41.22
ENSG0000(RN7SKP16:	misc_RNA	chr6	75654970	75655299	-	0	0
ENSG0000(RNU6-181F	snRNA	chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNU6-1167	snRNA	chr10	35250959	35251052	-	0	0
ENSG0000(RNU6-508F	snRNA	chr2	59647621	59647723	+	0	0
ENSG0000(RNU6-252F	snRNA	chr14	21113639	21113745	-	0	0
ENSG0000(RNU6-251F	snRNA	chr12	15671707	15671810	-	0	0
ENSG0000(RNU6-984F	snRNA	chr9	1.09E+08	1.09E+08	-	0	0
ENSG0000(RNU6-1249	snRNA	chr17	55551810	55551920	+	0	0
ENSG0000(RNU6-774F	snRNA	chr4	84233657	84233763	+	0	0
ENSG0000(SNORD56	snoRNA	chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000(SNORA51	snoRNA	chr7	37419628	37419767	+	0	0
ENSG0000(RNA5SP12:	rRNA	chr3	12511095	12511213	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	49137762	49137863	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.75E+08	1.75E+08	-	0	0
ENSG0000(RN7SKP77	misc_RNA	chr9	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-1021	snRNA	chr18	14531676	14531782	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNY1P10	misc_RNA	chr16	28183318	28183430	+	0	0
ENSG0000(RNU6-778F	snRNA	chr1	2E+08	2E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	90977208	90977305	-	0	0
ENSG0000(RNU6-544F	snRNA	chr11	80527960	80528066	+	0	0
ENSG0000(SNORD113	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RN7SKP23:	misc_RNA	chr8	91594965	91595241	+	0	0
ENSG0000(RNU6-216F	snRNA	chr11	74968189	74968292	-	0	0
ENSG0000(RNU6-23P	snRNA	chr16	70445293	70445399	-	0	0
ENSG0000(RNU5B-1	snRNA	chr15	65304677	65304792	+	0	0
ENSG0000(RN7SKP14:	misc_RNA	chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.54E+08	1.54E+08	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25203227	25203308	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	69191123	69191223	+	0	0
ENSG0000(RNA5SP35:	rRNA	chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU5D-1	snRNA	chr1	44731055	44731170	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	72220752	72220852	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	44153385	44153480	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	62211557	62211666	+	0	0
ENSG0000(RNU6-1309	snRNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU1-19P	snRNA	chr10	86889569	86889733	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	36203347	36203459	-	0	0

ENSG0000(RNU6-238F)	snRNA	chr12	50656973	50657078	+	0	0
ENSG0000(RNU1-20P)	snRNA	chr3	1.93E+08	1.93E+08	-	0	0
ENSG0000(RNU6-832F)	snRNA	chr7	69125270	69125376	+	0	0
ENSG0000(U8)	snoRNA	chr8	71815494	71815625	-	0	0
ENSG0000(RNU1-21P)	snRNA	chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RN7SKP21)	misc_RNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	3665164	3665259	-	0	0
ENSG0000(RNU1-22P)	snRNA	chr16	3086143	3086300	+	0	0
ENSG0000(SNORD74)	snoRNA	chr15	86173198	86173270	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	23457584	23457685	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr19	38294544	38294636	+	0	0
ENSG0000(RNY4P27)	misc_RNA	chr13	95336106	95336201	-	0	0
ENSG0000(RNU6-992F)	snRNA	chr21	36066545	36066652	+	0	0
ENSG0000(SNORD113)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-745F)	snRNA	chr15	70193236	70193341	+	0	0
ENSG0000(RNU6-839F)	snRNA	chr10	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU6-697F)	snRNA	chr10	68846805	68846911	+	0	0
ENSG0000(RNU6-179F)	snRNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(U3)	snoRNA	chr3	64071807	64072019	-	0	0
ENSG0000(RNU6-626F)	snRNA	chr6	56945730	56945836	+	0	0
ENSG0000(RNA5SP38)	rRNA	chr14	20414987	20415098	+	0	0
ENSG0000(RNA5SP19)	rRNA	chr5	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU1-23P)	snRNA	chr20	24237255	24237398	+	0	0
ENSG0000(SNORA27)	snoRNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(SNORA70)	snoRNA	chr19	9819954	9820094	+	0	0
ENSG0000(RNA5SP13)	rRNA	chr3	56185104	56185222	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	86159956	86160066	-	0	0
ENSG0000(RN7SKP79)	misc_RNA	chr5	6848127	6848462	-	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	32256496	32256623	+	0	0
ENSG0000(RNU6-254F)	snRNA	chr12	19445949	19446055	-	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	1.17E+08	1.17E+08	+	0	0
ENSG0000(RNU6-114)	snRNA	chr2	1.27E+08	1.27E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	59408905	59409015	+	0	0
ENSG0000(RNU6-529F)	snRNA	chr10	87041238	87041341	-	0	0
ENSG0000(RNU6-536F)	snRNA	chr1	42569033	42569139	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	75835215	75835323	-	0	0
ENSG0000(RNU6-97P)	snRNA	chr17	76752912	76753015	+	0	0
ENSG0000(SNORD35A)	snoRNA	chr19	49491175	49491260	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	51107222	51107331	+	0	0
ENSG0000(RNU6-66P)	snRNA	chr13	73112915	73113018	-	0	0
ENSG0000(RNU6-838F)	snRNA	chr4	48106081	48106188	-	0	0
ENSG0000(RNU4-32P)	snRNA	chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNA5SP19)	rRNA	chr5	1.56E+08	1.56E+08	+	0	0
ENSG0000(RNA5SP35)	rRNA	chr11	1.25E+08	1.25E+08	+	0	0

ENSG0000(SNORD114 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-624F snRNA	chr2	2.28E+08	2.28E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr2	28972414	28972521	-	0	0
ENSG0000(Y_RNA misc_RNA	chr2	1.44E+08	1.44E+08	+	0	0
ENSG0000(SNORA18 snoRNA	chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chrX	1.18E+08	1.18E+08	-	0	0
ENSG0000(RNA5SP39: rRNA	chr15	41851913	41852029	-	0	0
ENSG0000(SNORA36 snoRNA	chr10	72180858	72180989	+	0	0
ENSG0000(RNU6-527F snRNA	chr6	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU1-83P snRNA	chr12	62850738	62850901	-	0	0
ENSG0000(Y_RNA misc_RNA	chr14	72022407	72022516	-	0	0
ENSG0000(RNA5SP48: rRNA	chr20	35195306	35195423	+	0	0
ENSG0000(RNU6-940F snRNA	chr12	48975543	48975646	+	0	0
ENSG0000(RNU6-1255 snRNA	chr8	1.3E+08	1.3E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr15	39922782	39922886	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	49132853	49132947	-	0	0
ENSG0000(RNA5SP21: rRNA	chr6	1.21E+08	1.21E+08	+	0	0
ENSG0000(RN7SKP25: misc_RNA	chr14	89712511	89712823	+	0	0
ENSG0000(RNA5-8SP7 rRNA	chr20	5346006	5346160	-	0	0
ENSG0000(Y_RNA misc_RNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(U3 snoRNA	chr15	58760466	58760681	-	0	0
ENSG0000(SNORA63 snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr20	30309015	30309126	-	0	0
ENSG0000(RNA5SP39: rRNA	chr15	27280318	27280436	-	0	0
ENSG0000(RNA5SP62 rRNA	chr1	1.63E+08	1.63E+08	-	0	0
ENSG0000(RNU6-183F snRNA	chr5	78314916	78315025	-	0	0
ENSG0000(Y_RNA misc_RNA	chr22	41648089	41648190	-	0	0
ENSG0000(Y_RNA misc_RNA	chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(RNA5SP33: rRNA	chr11	18248389	18248506	-	0	0
ENSG0000(RNU1-49P snRNA	chr4	41771945	41772103	-	0	0
ENSG0000(RNU1-105F snRNA	chr6	47823390	47823550	+	0	0
ENSG0000(RNA5S8 rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(Y_RNA misc_RNA	chr1	7982881	7982983	-	0	0
ENSG0000(RNU6-485F snRNA	chr12	7118785	7118891	+	0	0
ENSG0000(RNU6-1285 snRNA	chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr5	98936638	98936747	-	0	0
ENSG0000(SNORA71D snoRNA	chr20	38433865	38433998	-	0	0
ENSG0000(SNORA72 snoRNA	chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(RNU6-833F snRNA	chr10	73279062	73279168	+	0	0
ENSG0000(RNU6-792F snRNA	chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-511F snRNA	chr3	93977029	93977135	+	0	0
ENSG0000(SNORD113 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-666F snRNA	chr10	27315120	27315226	+	0	0
ENSG0000(RNA5S17 rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5

ENSG0000(RNU5E-8P)	snRNA	chr3	1.17E+08	1.17E+08	-	0	0
ENSG0000(RNU5E-10F)	snRNA	chr11	47576471	47576588	-	0	0
ENSG0000(SNORD56)	snoRNA	chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(RNU5B-4P)	snRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(RN7SKP45)	misc_RNA	chr3	56072104	56072407	+	0	0
ENSG0000(RNA5S4)	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(SNORA42)	snoRNA	chr14	37720425	37720561	+	0	0
ENSG0000(RNU6-618F)	snRNA	chr12	31396390	31396501	+	0	0
ENSG0000(RNU6-509F)	snRNA	chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.28E+08	1.28E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	43863893	43864005	-	0	0
ENSG0000(RNU6-698F)	snRNA	chr19	53653685	53653791	+	0	0
ENSG0000(SNORA38B)	snoRNA	chr17	67740669	67740799	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	87218611	87218712	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25213648	25213729	+	0	0
ENSG0000(RNU6-109G)	snRNA	chr1	19305076	19305182	-	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-116G)	snRNA	chr15	41448742	41448844	-	0	0
ENSG0000(RNA5SP74)	rRNA	chr1	2.05E+08	2.05E+08	-	0	0
ENSG0000(RNA5SP34)	rRNA	chr11	96474572	96474692	-	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(SNORA63)	snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	45591984	45592085	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	37737955	37738054	-	0	0
ENSG0000(SNORD45)	snoRNA	chrX	87146733	87146804	+	0	0
ENSG0000(RNU6-115G)	snRNA	chr16	58744251	58744357	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	85777639	85777755	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	50743568	50743684	+	0	0
ENSG0000(RNU4-81P)	snRNA	chrX	70450879	70451022	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(RNA5-8SP2)	rRNA	chr16	34162959	34163110	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNU6-799F)	snRNA	chr17	15311345	15311451	+	0	0
ENSG0000(RNU6-106G)	snRNA	chr22	27035887	27035991	+	0	0
ENSG0000(RNU6-133G)	snRNA	chr15	83824863	83824953	-	0	0
ENSG0000(RNU6-108G)	snRNA	chr7	35930158	35930264	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	42762860	42762959	-	0	0
ENSG0000(RNU6-111G)	snRNA	chr4	40077884	40077982	+	0	0
ENSG0000(RNU6-109G)	snRNA	chr7	44503773	44503879	-	0	0
ENSG0000(RNU6-727F)	snRNA	chr5	87420341	87420447	-	0	0
ENSG0000(SNORD118)	snoRNA	chr17	8173454	8173587	-	0	0
ENSG0000(RNA5SP40)	rRNA	chr16	9564390	9564497	-	0	0
ENSG0000(RNU6-112F)	snRNA	chr4	88275205	88275308	-	0	0
ENSG0000(RNU6-112G)	snRNA	chr7	54621025	54621131	+	0	0
ENSG0000(RN7SKP44)	misc_RNA	chr18	31718893	31719208	+	0	0

ENSG0000(RNA5SP50: rRNA	chrX	70253042	70253162	+	0	0
ENSG0000(RN7SKP16: misc_RNA	chr12	13683542	13683886	+	0	0
ENSG0000(SNORD115 snoRNA	chr15	25245478	25245559	+	0	0
ENSG0000(SNORD114 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-101: snRNA	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNU6-124: snRNA	chr10	32394558	32394665	-	0	0
ENSG0000(Y_RNA misc_RNA	chr11	33196547	33196637	-	0	0
ENSG0000(SNORD115 snoRNA	chr15	25189414	25189495	+	0	0
ENSG0000(RNA5SP32: rRNA	chr10	86052448	86052566	+	0	0
ENSG0000(RN7SKP20: misc_RNA	chr2	76445079	76445410	-	0	0
ENSG0000(U3 snoRNA	chr6	92119423	92119633	+	0	0
ENSG0000(Y_RNA misc_RNA	chr20	16670641	16670742	-	0	0
ENSG0000(RNU6-120: snRNA	chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(U8 snoRNA	chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr9	37160137	37160237	+	0	0
ENSG0000(SNORD115 snoRNA	chr15	25178738	25178819	+	0	0
ENSG0000(Y_RNA misc_RNA	chr14	99583017	99583118	+	0	0
ENSG0000(Y_RNA misc_RNA	chr1	64066640	64066741	-	0	0
ENSG0000(RNA5SP37: rRNA	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNU6-121: snRNA	chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr4	1.58E+08	1.58E+08	-	0	0
ENSG0000(RNU6-957: snRNA	chr6	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU6-120: snRNA	chr8	95055214	95055320	+	0	0
ENSG0000(RNY4P14 misc_RNA	chr13	39785415	39785510	-	0	0
ENSG0000(RNA5SP45: rRNA	chr18	49946266	49946389	-	0	0
ENSG0000(RNU6-133: snRNA	chr8	53914719	53914824	+	0	0
ENSG0000(SNORD35B snoRNA	chr19	49497720	49497806	+	0	0
ENSG0000(SNORA33 snoRNA	chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(SNORA25 snoRNA	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(RNY4P6 misc_RNA	chr11	1.17E+08	1.17E+08	+	0	0
ENSG0000(U3 snoRNA	chr17	48382371	48382586	-	0	0
ENSG0000(Y_RNA misc_RNA	chr9	33352788	33352874	-	0	0
ENSG0000(U3 snoRNA	chr10	19598247	19598463	+	0	0
ENSG0000(Y_RNA misc_RNA	chr1	1.16E+08	1.16E+08	+	0	0
ENSG0000(RNU6-137: snRNA	chr2	42712740	42712847	+	0	0
ENSG0000(Y_RNA misc_RNA	chr7	1.02E+08	1.02E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr4	1.2E+08	1.2E+08	+	0	0
ENSG0000(RNU6-102: snRNA	chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000(RNU6-525: snRNA	chr5	1.8E+08	1.8E+08	+	0	0
ENSG0000(RNU6-103: snRNA	chr16	58496908	58497014	+	0	0
ENSG0000(RNA5SP42: rRNA	chr16	68742480	68742588	+	0	0
ENSG0000(RNU6-288: snRNA	chr17	63573242	63573345	-	0	0
ENSG0000(RNU6-640: snRNA	chr2	86515204	86515308	-	0	0
ENSG0000(SNORD115 snoRNA	chr15	25241746	25241827	+	0	0
ENSG0000(RNU5F-7P snRNA	chrX	15916189	15916303	-	0	0

ENSG0000(RNU6-829F) snRNA	chr9	93375556	93375667	+	0	0
ENSG0000(RNU6-1284) snRNA	chr3	1.36E+08	1.36E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG0000(RNU6-414F) snRNA	chr1	61816419	61816522	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	38014568	38014669	+	0	0
ENSG0000(RNA5SP51) rRNA	chrX	1.32E+08	1.32E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	32639951	32640052	+	0	0
ENSG0000(SNORD115) snoRNA	chr15	25230838	25230919	+	0	0
ENSG0000(RNU6-824F) snRNA	chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(RNU1-87P) snRNA	chr6	37915573	37915742	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr5	23994502	23994603	-	0	0
ENSG0000(RNA5SP50) rRNA	chr1	73749517	73749623	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr15	50221888	50221996	+	0	0
ENSG0000(SNORD114) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(SNORD114) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNA5SP34) rRNA	chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr11	33004250	33004345	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	1.79E+08	1.79E+08	+	0	0
ENSG0000(RNA5SP44) rRNA	chr17	67268110	67268228	+	0	0
ENSG0000(SNORA7) snoRNA	chrX	15716208	15716346	+	0	0
ENSG0000(RNU6-1055) snRNA	chr4	95868667	95868764	-	0	0
ENSG0000(SNORD18A) snoRNA	chr15	66503243	66503314	-	0	0
ENSG0000(RNA5S6) rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNA5SP32) rRNA	chr10	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNY1P11) misc_RNA	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr8	13160178	13160279	+	0	0
ENSG0000(SNORD113) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	55582733	55582834	+	0	0
ENSG0000(SNORD114) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU5F-3P) snRNA	chr18	6017723	6017839	-	0	0
ENSG0000(SNORD115) snoRNA	chr15	25237986	25238067	+	0	0
ENSG0000(RNU6-121C) snRNA	chr18	14759188	14759294	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr19	56316524	56316636	-	0	0
ENSG0000(RNU6-226F) snRNA	chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(RNA5SP11) rRNA	chr2	1.88E+08	1.88E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr17	77442109	77442213	+	0	0
ENSG0000(SNORA25) snoRNA	chr16	28179098	28179223	+	0	0
ENSG0000(RNU4-92P) snRNA	chr14	88820297	88820432	+	0	0
ENSG0000(SNORA5B) snoRNA	chr7	45105968	45106099	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25074114	25074215	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	1.36E+08	1.36E+08	-	0	0
ENSG0000(RNU6-1188) snRNA	chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RNU6-912F) snRNA	chr7	65814672	65814775	+	0	0
ENSG0000(RN7SKP17) misc_RNA	chr7	1.45E+08	1.45E+08	-	0	0

ENSG0000(RN7SKP16)	misc_RNA	chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(SNORD18)	snoRNA	chr15	90755243	90755312	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25176832	25176913	+	0	0
ENSG0000(RNU6-263F)	snRNA	chr6	18306973	18307079	-	0	0
ENSG0000(RNU6-379F)	snRNA	chr22	40917743	40917846	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	13686550	13686658	-	0	0
ENSG0000(RNY3P3)	misc_RNA	chr13	78355227	78355328	-	0	0
ENSG0000(RNA5SP33)	rRNA	chr11	19401872	19401981	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(U3)	snoRNA	chr14	63651296	63651499	-	0	0
ENSG0000(RNU6-674F)	snRNA	chr2	85204926	85205032	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	44401603	44401704	+	0	0
ENSG0000(RNU6-873F)	snRNA	chr3	87742543	87742649	-	0	0
ENSG0000(SNORD45)	snoRNA	chr6	38207274	38207345	+	0	0
ENSG0000(RN7SKP93)	misc_RNA	chr2	1.34E+08	1.34E+08	+	0	0
ENSG0000(RNA5SP27)	rRNA	chr13	45551485	45551603	-	0	0
ENSG0000(RNA5SP28)	rRNA	chr13	50812988	50813106	-	0	0
ENSG0000(RNU6-682F)	snRNA	chr8	8895813	8895918	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	65592731	65592820	+	0	0
ENSG0000(RN7SKP10)	misc_RNA	chr2	1.33E+08	1.33E+08	+	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	29048494	29048604	-	0	0
ENSG0000(RNU6-931F)	snRNA	chr4	45480030	45480136	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25184306	25184387	+	0	0
ENSG0000(RNU6-271F)	snRNA	chr10	96112747	96112851	+	0	0
ENSG0000(RNU1-124F)	snRNA	chr8	43073474	43073618	+	0	0
ENSG0000(RNU6-194F)	snRNA	chr6	1.19E+08	1.19E+08	+	0	0
ENSG0000(SNORD38)	snoRNA	chr13	89837170	89837237	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	97421195	97421307	-	0	0
ENSG0000(RNA5SP47)	rRNA	chr19	32243965	32244083	-	0	0
ENSG0000(RNA5SP16)	rRNA	chr4	56097390	56097504	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	55651534	55651634	+	0	0
ENSG0000(RNU1-31P)	snRNA	chr2	2.36E+08	2.36E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr18	21724119	21724229	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr18	50959267	50959379	-	0	0
ENSG0000(SNORD56)	snoRNA	chr7	20377331	20377401	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr21	17527140	17527247	-	0	0
ENSG0000(RNA5SP68)	rRNA	chr1	1.74E+08	1.74E+08	-	0	0
ENSG0000(RNU6-236F)	snRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25199448	25199529	+	0	0
ENSG0000(RNU6-884F)	snRNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG0000(RN7SKP11)	misc_RNA	chr4	4920770	4921064	-	0	0
ENSG0000(RNU6-961F)	snRNA	chr2	20175805	20175909	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	2.08E+08	2.08E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	92202243	92202334	-	0	0
ENSG0000(RNU6-478F)	snRNA	chr10	83067962	83068071	-	0	0

ENSG0000(RNU6-105F)	snRNA	chr2	71379755	71379858	-	0	0
ENSG0000(RN7SKP18)	misc_RNA	chr17	72663823	72664152	-	0	0
ENSG0000(SNORD8)	snoRNA	chr14	21397292	21397401	-	0	0
ENSG0000(RNA5SP23)	rRNA	chr7	79654109	79654227	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	1.27E+08	1.27E+08	+	0	0
ENSG0000(RNU1-65P)	snRNA	chr10	84003332	84003479	+	0	0
ENSG0000(RNU6-631F)	snRNA	chr15	21866210	21866316	-	0	0
ENSG0000(SNORA80A)	snoRNA	chr21	32377187	32377322	-	0	0
ENSG0000(RN7SKP25)	misc_RNA	chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNU4-1)	snRNA	chr12	1.2E+08	1.2E+08	-	3.67	0
ENSG0000(RNU6-753F)	snRNA	chr1	38396659	38396765	+	0	0
ENSG0000(RNU6-770F)	snRNA	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU1-130F)	snRNA	chr1	96225901	96226060	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25222348	25222428	+	0	0
ENSG0000(RNA5SP27)	rRNA	chr8	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU1-32P)	snRNA	chr2	60384605	60384763	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25180497	25180578	+	0	0
ENSG0000(RNU6-595F)	snRNA	chr12	62334091	62334197	-	0	0
ENSG0000(RNU6-109)	snRNA	chr7	50435380	50435486	+	0	0
ENSG0000(SNORA38)	snoRNA	chr6	31623079	31623210	+	0	0
ENSG0000(RNU6-899F)	snRNA	chr11	58026706	58026812	-	0	0
ENSG0000(RNU6-120)	snRNA	chr14	56824986	56825092	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-324F)	snRNA	chr18	12098427	12098532	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	20480844	20480955	+	0	0
ENSG0000(RN7SKP13)	misc_RNA	chr12	14553702	14553970	-	0	0
ENSG0000(SNORD36B)	snoRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	33830978	33831078	+	0	0
ENSG0000(RNA5SP48)	rRNA	chr1	51973410	51973535	+	0	0
ENSG0000(RNU6-82P)	snRNA	chr13	28232501	28232607	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	62036833	62036945	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	23491792	23491893	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	10232611	10232712	+	0	0
ENSG0000(RNA5SP49)	rRNA	chrX	9133828	9133946	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	1.08E+08	1.08E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	69507510	69507622	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	66177527	66177635	-	0	0
ENSG0000(RN7SKP36)	misc_RNA	chr4	7112088	7112399	-	0	0
ENSG0000(RNU6-457F)	snRNA	chr16	6873899	6874005	+	0	0
ENSG0000(RNU6-810F)	snRNA	chr22	29134014	29134120	+	0	0
ENSG0000(RNA5SP45)	rRNA	chr18	48475487	48475600	-	0	0
ENSG0000(RNA5SP39)	rRNA	chr15	71858570	71858686	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	75513025	75513126	-	0	0

ENSG0000(RNU6-340F)	snRNA	chr18	2649761	2649867	-	0	0
ENSG0000(RNU6-560F)	snRNA	chr11	86153227	86153334	+	0	0
ENSG0000(SNORD14E)	snoRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(RNU6-681F)	snRNA	chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr18	9249649	9249746	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	96962656	96962757	-	0	0
ENSG0000(RNU1-146F)	snRNA	chr12	19724435	19724599	+	0	0
ENSG0000(RNU6-598F)	snRNA	chr10	30299569	30299673	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	45071442	45071543	+	0	0
ENSG0000(RNU4-13P)	snRNA	chr17	59537359	59537499	-	0	0
ENSG0000(RNA5SP99)	rRNA	chr2	81496214	81496327	-	0	0
ENSG0000(SNORD74)	snoRNA	chr10	87994618	87994695	-	0	0
ENSG0000(RNU6-944F)	snRNA	chr16	20784509	20784615	+	0	0
ENSG0000(RN7SKP24)	misc_RNA	chr6	1.32E+08	1.32E+08	+	0	0
ENSG0000(SNORD74)	snoRNA	chr12	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-124)	snRNA	chr11	61937894	61938000	+	0	0
ENSG0000(RNU6-627F)	snRNA	chr2	1.63E+08	1.63E+08	+	0	0
ENSG0000(RNU1-42P)	snRNA	chr17	48949361	48949520	-	0	0
ENSG0000(RNU6-854F)	snRNA	chrX	77837289	77837395	+	0	0
ENSG0000(SNORD46)	snoRNA	chr1	44776490	44776593	+	0	0
ENSG0000(RNA5SP43)	rRNA	chr17	6600944	6601051	-	0	0
ENSG0000(RNU6-553F)	snRNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	71902455	71902550	-	0	0
ENSG0000(RNU6-104)	snRNA	chr2	43892690	43892796	+	0	0
ENSG0000(RNU6-960F)	snRNA	chr6	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU6-109)	snRNA	chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(RNU6-694F)	snRNA	chr9	4386410	4386556	-	0	0
ENSG0000(RNU6-501F)	snRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25228967	25229048	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	51156868	51156977	-	0	0
ENSG0000(RNU6-801F)	snRNA	chr6	19642425	19642529	-	0	0
ENSG0000(SNORA74A)	snoRNA	chr5	1.39E+08	1.39E+08	+	1	0
ENSG0000(RNU6-289F)	snRNA	chr4	1.11E+08	1.11E+08	+	0	0
ENSG0000(RN7SKP87)	misc_RNA	chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(SNORD95)	snoRNA	chr9	81888918	81888985	+	0	0
ENSG0000(RNU5A-8P)	snRNA	chr1	2.1E+08	2.1E+08	-	0	0
ENSG0000(RNU4-87P)	snRNA	chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RNU1-7P)	snRNA	chr1	8206434	8206597	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	29758758	29758859	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(SNORA3A)	snoRNA	chr11	8684227	8684356	+	0	0
ENSG0000(RNA5SP49)	rRNA	chr22	21792434	21792524	+	0	0
ENSG0000(RNU6-819F)	snRNA	chr8	47131781	47131887	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25225203	25225284	+	0	0
ENSG0000(SNORA25)	snoRNA	chr15	84852498	84852615	-	0	0

ENSG0000(RNU1-85P)	snRNA	chr17	58679527	58679690	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	78632273	78632385	-	0	0
ENSG0000(SNORD74)	snoRNA	chr4	26702309	26702388	+	0	0
ENSG0000(RNA5SP51)	rRNA	chrX	1.42E+08	1.42E+08	+	0	0
ENSG0000(RNU6-270F)	snRNA	chr10	28760699	28760803	-	0	0
ENSG0000(SNORA58)	snoRNA	chr1	53771018	53771153	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.21E+08	1.21E+08	+	0	0
ENSG0000(SNORD46)	snoRNA	chr7	1.33E+08	1.33E+08	+	0	0
ENSG0000(RN7SKP22)	misc_RNA	chr2	48217575	48217899	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	1.35E+08	1.35E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	2.33E+08	2.33E+08	-	0	0
ENSG0000(RNA5SP23)	rRNA	chr7	71913738	71913856	-	0	0
ENSG0000(RNU6-280F)	snRNA	chr6	67546651	67546754	+	0	0
ENSG0000(RNU6-374F)	snRNA	chr5	25701217	25701324	-	0	0
ENSG0000(RNU6-743F)	snRNA	chr20	43405473	43405578	+	0	0
ENSG0000(RNY3P11)	misc_RNA	chr6	1.09E+08	1.09E+08	+	0	0
ENSG0000(SNORD74)	snoRNA	chr21	16284696	16284768	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	2184710	2184820	+	0	0
ENSG0000(RN7SKP10)	misc_RNA	chr14	89621918	89622207	+	0	0
ENSG0000(RNU6-151F)	snRNA	chr1	1.12E+08	1.12E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RNU6-704F)	snRNA	chr1	2.01E+08	2.01E+08	-	0	0
ENSG0000(RNU1-96P)	snRNA	chr3	27513871	27514032	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr16	439297	439397	-	0	0
ENSG0000(RNA5SP46)	rRNA	chr19	21113128	21113236	-	0	0
ENSG0000(SNORD113)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNA5SP24)	rRNA	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(SNORA38)	snoRNA	chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU6-268F)	snRNA	chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	73082494	73082595	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	10674658	10674768	-	0	0
ENSG0000(RNU6-668F)	snRNA	chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RNA5SP33)	rRNA	chr11	21000881	21000997	-	0	0
ENSG0000(RNU6-461F)	snRNA	chr3	1.03E+08	1.03E+08	-	0	0
ENSG0000(RN7SKP28)	misc_RNA	chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU4-84P)	snRNA	chr2	98782410	98782548	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	64111458	64111569	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	93417855	93417966	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr16	14275508	14275600	+	0	0
ENSG0000(RNU4-51P)	snRNA	chr2	60911303	60911442	+	0	0
ENSG0000(RNU6-188F)	snRNA	chr15	42427591	42427697	-	0	0
ENSG0000(RN7SKP21)	misc_RNA	chr22	37055033	37055347	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	32175247	32175351	-	0	0
ENSG0000(RNU6-173F)	snRNA	chr4	1.88E+08	1.88E+08	-	0	0
ENSG0000(RNA5SP39)	rRNA	chr15	49982443	49982561	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(RNU6-266F	snRNA	chrX	22527835	22527941	+	0	0
ENSG0000(RNA5SP38	rRNA	chr14	75604173	75604278	+	0	0
ENSG0000(RNU6-366F	snRNA	chr14	92265702	92265807	+	0	0
ENSG0000(RNY1	misc_RNA	chr7	1.49E+08	1.49E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(RNU6-11P	snRNA	chr7	1.24E+08	1.24E+08	-	0	1.24
ENSG0000(RNA5SP24	rRNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RNU6-647F	snRNA	chr2	32214456	32214562	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.14E+08	1.14E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	19089593	19089688	+	0	0
ENSG0000(RNU1-33P	snRNA	chr6	1.45E+08	1.45E+08	-	0	0
ENSG0000(RNY1P12	misc_RNA	chr3	1.02E+08	1.02E+08	-	0	0
ENSG0000(SNORA58	snoRNA	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(SNORA4	snoRNA	chr7	50935350	50935493	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNU6-777F	snRNA	chr1	12077881	12077984	-	0	0
ENSG0000(RNU6-353F	snRNA	chr15	43702363	43702470	+	0	0
ENSG0000(RN7SKP12	misc_RNA	chr9	1.17E+08	1.17E+08	+	0	0
ENSG0000(RNVU1-8	snRNA	chr1	1.47E+08	1.47E+08	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25247345	25247426	+	0	0
ENSG0000(RNA5SP17	rRNA	chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(RNA5SP42	rRNA	chr1	34112949	34113063	+	0	0
ENSG0000(SNORD56	snoRNA	chr20	35117136	35117207	-	0	0
ENSG0000(RNU6-371F	snRNA	chr1	62298149	62298256	-	0	0
ENSG0000(RNU1-24P	snRNA	chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(SNORA62	snoRNA	chr8	18979619	18979772	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	25697076	25697188	-	0	0
ENSG0000(RN7SKP10	misc_RNA	chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(RNU6-454F	snRNA	chr3	15339749	15339855	+	0	0
ENSG0000(RNU4-36P	snRNA	chr16	68535515	68535658	+	0	0
ENSG0000(RNU6-122	snRNA	chr7	65023204	65023310	-	0	0
ENSG0000(RNA5SP36	rRNA	chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU1-132F	snRNA	chr1	2.45E+08	2.45E+08	-	0	0
ENSG0000(RNU6-853F	snRNA	chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	32830219	32830329	-	0	0
ENSG0000(RNU6-132	snRNA	chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(RNU6-115F	snRNA	chr20	15022852	15022958	+	0	0
ENSG0000(RNU6-670F	snRNA	chr3	10037552	10037655	+	0	0
ENSG0000(RNVU1-3	snRNA	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNU4-68P	snRNA	chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(RNA5SP20	rRNA	chr6	4427963	4428081	+	0	0
ENSG0000(RNU4-33P	snRNA	chr4	1.19E+08	1.19E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	52852607	52852703	+	0	0
ENSG0000(RNU6-879F	snRNA	chr12	57415296	57415403	+	0	0

ENSG000001RN7SKP111	misc_RNA	chr16	67321658	67321987	-	0	0
ENSG000001Y_RNA	misc_RNA	chr6	31663288	31663401	+	0	0
ENSG000001Y_RNA	misc_RNA	chr12	1.13E+08	1.13E+08	-	0	0
ENSG000001SNORD42	snoRNA	chr22	28232756	28232823	-	0	0
ENSG000001RNA5SP13	rRNA	chr3	1.28E+08	1.28E+08	+	0	0
ENSG000001Y_RNA	misc_RNA	chr8	1.03E+08	1.03E+08	-	0	0
ENSG000001Y_RNA	misc_RNA	chr3	1.52E+08	1.52E+08	+	0	0
ENSG000001Y_RNA	misc_RNA	chr7	7102573	7102681	-	0	0
ENSG000001RNU4-40P	snRNA	chr20	35887659	35887801	+	0	0
ENSG000001RNU6-1305	snRNA	chr5	36155119	36155222	+	0	0
ENSG000001Y_RNA	misc_RNA	chr12	31506303	31506404	-	0	0
ENSG000001SNORA63	snoRNA	chr3	1.83E+08	1.83E+08	+	0	0
ENSG000001RNU4-50P	snRNA	chr8	58814412	58814552	-	0	0
ENSG000001Y_RNA	misc_RNA	chr17	82417226	82417321	+	0	0
ENSG000001SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG000001RNU6-978F	snRNA	chr15	19883614	19883716	+	0	0
ENSG000001RNY1P1	misc_RNA	chr13	27402476	27402587	-	0	0
ENSG000001RNU6-654F	snRNA	chr11	1.09E+08	1.09E+08	+	0	0
ENSG000001SNORA25	snoRNA	chr13	99783857	99783983	-	0	0
ENSG000001SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG000001RNU4-10P	snRNA	chr13	73191528	73191667	+	0	0
ENSG000001RNU6-990F	snRNA	chr17	30360463	30360566	+	0	0
ENSG000001RNU6-1075	snRNA	chr10	16207821	16207927	-	0	0
ENSG000001SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG000001SNORD73B	snoRNA	chr4	1.51E+08	1.51E+08	+	0	0
ENSG000001RNU6-755F	snRNA	chr1	1.65E+08	1.65E+08	-	0	0
ENSG000001RNU1-112F	snRNA	chrX	72740706	72740869	-	0	0
ENSG000001RNU6-776F	snRNA	chr1	22010985	22011088	+	0	0
ENSG000001RNA5SP19	rRNA	chr5	1.33E+08	1.33E+08	+	0	0
ENSG000001Y_RNA	misc_RNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG000001Y_RNA	misc_RNA	chr11	3663815	3663911	-	0	0
ENSG000001Y_RNA	misc_RNA	chr7	73011144	73011245	+	0	0
ENSG0000015S_rRNA	rRNA	chrX	1.48E+08	1.48E+08	-	0	0
ENSG000001RN7SKP17	misc_RNA	chr9	37661747	37662049	-	0	0
ENSG000001RNU6-1047	snRNA	chr3	1.27E+08	1.27E+08	-	0	0
ENSG000001RN7SKP76	misc_RNA	chr16	61743154	61743476	-	0	0
ENSG000001RNU1-34P	snRNA	chr6	75473738	75473894	-	0	0
ENSG000001RNU6-153F	snRNA	chr6	1.66E+08	1.66E+08	+	0	0
ENSG000001RNU6-1015	snRNA	chr20	3360036	3360142	+	0	0
ENSG000001RNU4-41P	snRNA	chr12	98417896	98418038	-	0	0
ENSG000001Y_RNA	misc_RNA	chr4	1.25E+08	1.25E+08	+	0	0
ENSG000001RNU6-1164	snRNA	chr5	1.35E+08	1.35E+08	-	0	0
ENSG000001SNORD115	snoRNA	chr15	25220497	25220578	+	0	0
ENSG000001RNA5SP13	rRNA	chr3	49467115	49467228	-	0	0
ENSG000001SNORA65	snoRNA	chr9	1.27E+08	1.27E+08	-	0	0

ENSG0000(RNU6-512F)	snRNA	chr2	1.36E+08	1.36E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	1.34E+08	1.34E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	82307067	82307168	-	0	0
ENSG0000(RNA5SP72)	rRNA	chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.46E+08	1.46E+08	-	0	0
ENSG0000(RN7SKP22)	misc_RNA	chr3	36685040	36685369	+	0	0
ENSG0000(SNORA7)	snoRNA	chr8	51015021	51015165	+	0	0
ENSG0000(RNU4-59P)	snRNA	chr1	92700819	92700934	-	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNA5S9)	rRNA	chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RNU6-361F)	snRNA	chr12	1.09E+08	1.09E+08	-	0	0
ENSG0000(RNA5SP14)	rRNA	chr3	1.38E+08	1.38E+08	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25209918	25209999	+	0	0
ENSG0000(U3)	snoRNA	chr8	43378297	43378510	+	0	0
ENSG0000(SNORD32B)	snoRNA	chr6	29582249	29582332	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25211796	25211877	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	93967926	93968020	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	50696644	50696760	+	0	0
ENSG0000(RNU6-421F)	snRNA	chrX	49945336	49945442	-	0	0
ENSG0000(RNU4-38P)	snRNA	chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(U3)	snoRNA	chr20	3384229	3384440	+	0	0
ENSG0000(RNA5SP69)	rRNA	chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RNU105B)	snoRNA	chr20	8831186	8831393	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	90177222	90177330	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNA5S14)	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNA5SP50)	rRNA	chrX	28982852	28982970	-	0	0
ENSG0000(RN7SKP19)	misc_RNA	chr14	50068568	50068873	+	0	0
ENSG0000(RNA5SP43)	rRNA	chr16	84262815	84262928	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	44344839	44344933	+	0	0
ENSG0000(RN7SKP37)	misc_RNA	chr10	21933143	21933438	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	66653469	66653576	+	0	0
ENSG0000(RNU6-522F)	snRNA	chr6	15314920	15315026	+	0	0
ENSG0000(U3)	snoRNA	chr5	35429064	35429277	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	16623004	16623095	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr16	27722284	27722392	-	0	0
ENSG0000(RNU6-1251)	snRNA	chr20	43473013	43473119	+	0	0
ENSG0000(SNORA70)	snoRNA	chr14	51244090	51244224	+	0	0
ENSG0000(RNY4P23)	misc_RNA	chrX	70396279	70396375	+	0	0
ENSG0000(RNU4-76P)	snRNA	chr6	1.22E+08	1.22E+08	-	0	0
ENSG0000(RNU6-558F)	snRNA	chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(SNORA32)	snoRNA	chr14	77201026	77201140	-	0	0
ENSG0000(RNU6-1163)	snRNA	chr6	1.13E+08	1.13E+08	+	0	0
ENSG0000(SNORA68)	snoRNA	chr19	32608337	32608469	-	0	0

ENSG0000(RNU6-114)	snRNA	chr10	21661635	21661741	-	0	0
ENSG0000(RNU6-107)	snRNA	chrX	71965972	71966074	-	0	0
ENSG0000(SNORA71)	snoRNA	chr10	78367507	78367623	+	0	0
ENSG0000(RNA5SP14)	rRNA	chr3	1.34E+08	1.34E+08	-	0	0
ENSG0000(RN7SKP25)	misc_RNA	chr14	36593839	36594147	-	0	0
ENSG0000(U8)	snoRNA	chr3	1.54E+08	1.54E+08	-	0	0
ENSG0000(SNORD14B)	snoRNA	chr11	17075779	17075868	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	23370254	23370346	+	0	0
ENSG0000(SNORA68)	snoRNA	chrX	24133186	24133317	+	0	0
ENSG0000(snoZ40)	snoRNA	chr3	86125216	86125287	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	92710499	92710608	-	0	0
ENSG0000(RNA5SP14)	rRNA	chr3	1.35E+08	1.35E+08	-	0	0
ENSG0000(RNA5SP20)	rRNA	chr6	17721786	17721903	-	0	0
ENSG0000(RNA5SP51)	rRNA	chrX	1.12E+08	1.12E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	1.85E+08	1.85E+08	+	0	0
ENSG0000(RN7SKP24)	misc_RNA	chr5	1.45E+08	1.45E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.11E+08	1.11E+08	+	0	0
ENSG0000(RN7SKP71)	misc_RNA	chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU6-127)	snRNA	chr14	37827798	37827904	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	36337667	36337778	-	0	0
ENSG0000(RNU6-335)	snRNA	chr4	1.84E+08	1.84E+08	-	0	0
ENSG0000(RNU4-24P)	snRNA	chr12	96303375	96303513	-	0	0
ENSG0000(RNU6-660)	snRNA	chr5	16941843	16941951	-	0	0
ENSG0000(RNU4-67P)	snRNA	chr12	25404288	25404428	-	0	0
ENSG0000(RNA5SP51)	rRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(RNU6-646)	snRNA	chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	17737458	17737556	-	0	0
ENSG0000(RNU6-309)	snRNA	chrX	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU6-108)	snRNA	chr9	1.18E+08	1.18E+08	-	0	0
ENSG0000(RNA5SP50)	rRNA	chrX	77066709	77066827	+	0	0
ENSG0000(SNORA63)	snoRNA	chr1	36418450	36418578	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	1.33E+08	1.33E+08	-	0	0
ENSG0000(RNU6-131)	snRNA	chr3	1.76E+08	1.76E+08	+	0	0
ENSG0000(SNORA55)	snoRNA	chr1	39567374	39567508	-	0	0
ENSG0000(RNU4-4P)	snRNA	chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	79301963	79302066	-	0	0
ENSG0000(SNORA51)	snoRNA	chr7	1.38E+08	1.38E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr18	12760717	12760818	+	0	0
ENSG0000(SNORA16)	snoRNA	chrX	17044380	17044511	-	0	0
ENSG0000(RNA5SP37)	rRNA	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(RNY4P7)	misc_RNA	chr2	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU6-164)	snRNA	chr5	1.62E+08	1.62E+08	+	0	0
ENSG0000(RNA5SP35)	rRNA	chr12	13440884	13441001	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25201323	25201404	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	7187582	7187686	-	0	0

ENSG0000(SNORD45B snoRNA	chr1	75789477	75789548	+	0	0
ENSG0000(Y_RNA misc_RNA	chr17	7537096	7537196	-	0	0
ENSG0000(RNU4-75P snRNA	chr1	99784740	99784885	-	0	0
ENSG0000(RNA5SP78 rRNA	chr1	2.3E+08	2.3E+08	+	0	0
ENSG0000(RNU1-141F snRNA	chr1	2.18E+08	2.18E+08	+	0	0
ENSG0000(RN7SKP27! misc_RNA	chr4	5458581	5458881	-	0	0
ENSG0000(Y_RNA misc_RNA	chr20	34384165	34384265	-	0	0
ENSG0000(RNU6-312F snRNA	chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(SNORD113 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr20	50563009	50563110	+	0	0
ENSG0000(SNORD74 snoRNA	chr12	93266017	93266096	+	0	0
ENSG0000(RN7SKP21! misc_RNA	chr15	76736641	76736980	+	0	0
ENSG0000(Y_RNA misc_RNA	chr3	1.02E+08	1.02E+08	+	0	0
ENSG0000(SNORA71C snoRNA	chr20	38429670	38429803	-	0	0
ENSG0000(SNORA51 snoRNA	chr4	1.76E+08	1.76E+08	+	0	0
ENSG0000(RNU6-707F snRNA	chrX	48153980	48154074	-	0	0
ENSG0000(RNA5SP51: rRNA	chrX	1.29E+08	1.29E+08	-	0	0
ENSG0000(RNU6-645F snRNA	chr6	15324367	15324472	-	0	0
ENSG0000(RNA5SP20! rRNA	chr6	19438283	19438418	+	0	0
ENSG0000(RNU6-450F snRNA	chr17	59847438	59847544	-	0	0
ENSG0000(RNA5SP47! rRNA	chr20	23160857	23160971	-	0	0
ENSG0000(Y_RNA misc_RNA	chr14	67617302	67617415	-	0	0
ENSG0000(RNA5SP19: rRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(RN7SKP23! misc_RNA	chr4	1.4E+08	1.4E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(SNORA1 snoRNA	chr16	24333415	24333547	-	0	0
ENSG0000(SNORA62 snoRNA	chr1	35310274	35310425	+	0	0
ENSG0000(SNORA16B snoRNA	chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(RNU4-85P snRNA	chr3	19996803	19996925	+	0	0
ENSG0000(Y_RNA misc_RNA	chr17	67408774	67408881	-	0	0
ENSG0000(Y_RNA misc_RNA	chr10	88585638	88585733	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	7784403	7784511	-	0	0
ENSG0000(RNU6-726F snRNA	chr3	1.31E+08	1.31E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr3	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr6	31778817	31778905	-	0	0
ENSG0000(SNORD114 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNVU1-6 snRNA	chr1	1.46E+08	1.46E+08	-	0	0
ENSG0000(RNU6-973F snRNA	chr7	65859660	65859766	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	32705403	32705506	-	0	0
ENSG0000(RN7SKP50 misc_RNA	chr11	9680924	9681238	+	0	0
ENSG0000(Y_RNA misc_RNA	chr7	67297653	67297754	-	0	0
ENSG0000(Y_RNA misc_RNA	chr7	37435115	37435216	+	0	0
ENSG0000(RNA5SP51! rRNA	chrX	95582064	95582162	+	0	0
ENSG0000(SNORD114 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU4-56P snRNA	chr3	39970125	39970266	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr14	50468397	50468498	-	0	0
ENSG0000(RNU1-93P	snRNA	chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(RNU6-343F	snRNA	chr12	56588518	56588621	+	0	0
ENSG0000(RN7SKP78	misc_RNA	chr10	6149623	6149940	+	0	0.35
ENSG0000(RN7SKP19	misc_RNA	chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.21E+08	1.21E+08	-	0	0
ENSG0000(RNU6-593F	snRNA	chr11	17115652	17115763	-	0	0
ENSG0000(RNA5S2	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU6-99P	snRNA	chr11	39261107	39261213	+	0	0
ENSG0000(snoU2_19	snoRNA	chrX	20136306	20136385	-	0	0
ENSG0000(RNA5SP51	rRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG0000(RNA5SP13	rRNA	chr3	51694465	51694582	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.86E+08	1.86E+08	-	0	0
ENSG0000(RNU6-219F	snRNA	chr18	58805268	58805374	+	0	0
ENSG0000(RN7SKP12	misc_RNA	chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(RNU6-740F	snRNA	chr10	90922731	90922835	-	0	0
ENSG0000(RNU4-16P	snRNA	chr7	95098227	95098367	+	0	0
ENSG0000(RNU4-42P	snRNA	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(RNU4-28P	snRNA	chr1	19510593	19510733	+	0	0
ENSG0000(RNA5SP84	rRNA	chr2	11517397	11517503	+	0	0
ENSG0000(RN7SKP15	misc_RNA	chr12	27806082	27806390	-	0	0
ENSG0000(RNU6-200F	snRNA	chr6	1.27E+08	1.27E+08	-	0	0
ENSG0000(RNU1-91P	snRNA	chr11	3048359	3048521	-	0	0
ENSG0000(RNA5SP50	rRNA	chrX	53909054	53909161	+	0	0
ENSG0000(SNORA67	snoRNA	chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RNA5SP51	rRNA	chr1	85883680	85883798	-	0	0
ENSG0000(RNU6-621F	snRNA	chr3	1.98E+08	1.98E+08	+	0	0
ENSG0000(RNU6-923F	snRNA	chr5	33888056	33888162	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	33982465	33982566	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	1.06E+08	1.06E+08	-	0	0
ENSG0000(RNU4-7P	snRNA	chr6	1.5E+08	1.5E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	83636196	83636290	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25269783	25269858	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	45903187	45903298	+	0	0
ENSG0000(RNY4P16	misc_RNA	chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(RN7SKP28	misc_RNA	chr4	96348734	96349038	-	0	0
ENSG0000(RNU6-118	snRNA	chr4	77150328	77150437	-	0	0
ENSG0000(RNU6-865F	snRNA	chr3	1.01E+08	1.01E+08	+	0	0
ENSG0000(SNORA14A	snoRNA	chr7	75943782	75943916	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	75662120	75662213	-	0	0
ENSG0000(RNU4-91P	snRNA	chr3	1.76E+08	1.76E+08	+	0	0
ENSG0000(RNY4P34	misc_RNA	chr2	2E+08	2E+08	+	0	0
ENSG0000(RNU6-7	snRNA	chr14	32202045	32202151	+	0	1.24
ENSG0000(RNU6-283F	snRNA	chr6	31370134	31370240	+	0	0

ENSG0000(RNU12-2P	snRNA	chrX	47132671	47132826	+	0	0
ENSG0000(SNORA20	snoRNA	chrX	5410122	5410251	+	0	0
ENSG0000(RNU6-60P	snRNA	chr13	48987915	48988017	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	7850717	7850818	-	0	0
ENSG0000(RN7SKP6	misc_RNA	chr13	56885284	56885602	-	0	0
ENSG0000(SNORD74	snoRNA	chrX	28924069	28924138	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	49871555	49871666	-	0	0
ENSG0000(RNA5SP90	rRNA	chr2	31228312	31228410	+	0	0
ENSG0000(SNORD113	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(U3	snoRNA	chrX	1.14E+08	1.14E+08	-	0	0
ENSG0000(SNORD32A	snoRNA	chr19	49489965	49490048	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	59833175	59833276	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25197576	25197656	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	31496689	31496790	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	20500175	20500276	+	0	0
ENSG0000(RN7SKP23	misc_RNA	chr11	67362414	67362708	+	0.37	0
ENSG0000(RNU6-110	snRNA	chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNY1P2	misc_RNA	chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNA5SP33	rRNA	chr11	18266393	18266510	+	0	0
ENSG0000(RNU1-59P	snRNA	chr1	1.49E+08	1.49E+08	-	0	0
ENSG0000(SNORD113	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(SNORA25	snoRNA	chr3	32037526	32037653	+	0	0
ENSG0000(RNA5SP39	rRNA	chr15	59574103	59574222	-	0	0
ENSG0000(RNU6-818F	snRNA	chr4	88201703	88201810	+	0	0
ENSG0000(RNA5SP35	rRNA	chr12	38163403	38163515	-	0	0
ENSG0000(RNU6-686F	snRNA	chr15	65229861	65229967	+	0	0
ENSG0000(SNORD113	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-130	snRNA	chr9	77635203	77635309	-	0	0
ENSG0000(RNA5SP12	rRNA	chr3	25025007	25025126	+	0	0
ENSG0000(RN7SKP13	misc_RNA	chr5	17345616	17345955	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	78544095	78544188	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	99681786	99681877	-	0	0
ENSG0000(RNU6-304F	snRNA	chr1	8883427	8883533	-	0	0
ENSG0000(RNA5SP17	rRNA	chr4	1.78E+08	1.78E+08	+	0	0
ENSG0000(RNA5SP47	rRNA	chr20	23380896	23381012	-	0	0
ENSG0000(SNORA43	snoRNA	chr11	66432763	66432902	+	0	0
ENSG0000(RNA5SP16	rRNA	chr4	40990154	40990273	+	0	0
ENSG0000(RNU1-133F	snRNA	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	17460444	17460522	+	0	0
ENSG0000(RNU6-563F	snRNA	chr20	47492978	47493085	-	0	0
ENSG0000(RNU6-34P	snRNA	chr4	96152297	96152403	-	0	0
ENSG0000(RNU6-828F	snRNA	chr1	10163268	10163374	+	0	0
ENSG0000(RNU6-534F	snRNA	chr7	7906519	7906624	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	1.15E+08	1.15E+08	-	0	0

ENSG0000(RNU6-119F)	snRNA	chr4	1.17E+08	1.17E+08	+	0	0
ENSG0000(SNORD52)	snoRNA	chr6	31837076	31837142	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	76404140	76404252	-	0	0
ENSG0000(RN7SKP55)	misc_RNA	chr1	2.45E+08	2.45E+08	+	0	0
ENSG0000(RNU6-336F)	snRNA	chr8	22434391	22434497	+	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	59455885	59456010	+	0	0
ENSG0000(RNA5SP30)	rRNA	chr10	14663395	14663494	-	0	0
ENSG0000(RNU6-384F)	snRNA	chr20	31581089	31581192	+	0	0
ENSG0000(SNORA5C)	snoRNA	chr7	45104906	45105042	-	8.48	0
ENSG0000(Y_RNA)	misc_RNA	chr7	10901978	10902074	+	0	0
ENSG0000(RNU6-132F)	snRNA	chr4	59834063	59834167	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.57E+08	1.57E+08	+	0	0
ENSG0000(RNU6-275F)	snRNA	chr12	8484746	8484852	+	0	0
ENSG0000(RN7SKP22)	misc_RNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG0000(SNORD117)	snoRNA	chr6	31536374	31536449	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.53E+08	1.53E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	44880868	44880969	-	0	0
ENSG0000(RNU6-107J)	snRNA	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(RNA5SP18)	rRNA	chr5	1.06E+08	1.06E+08	-	0	0
ENSG0000(SNORA63)	snoRNA	chr1	1.79E+08	1.79E+08	-	0	0
ENSG0000(RN7SKP9)	misc_RNA	chr13	99205708	99206006	+	0	0
ENSG0000(RN7SKP13)	misc_RNA	chr7	2999094	2999394	+	0	0
ENSG0000(RNU6-392F)	snRNA	chr7	1.06E+08	1.06E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RNU5E-4P)	snRNA	chr1	11909808	11909927	-	0	0
ENSG0000(RNU6-118G)	snRNA	chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNU4-8P)	snRNA	chr2	97664591	97664731	-	0	0
ENSG0000(SNORA27)	snoRNA	chr6	1.37E+08	1.37E+08	-	0	0
ENSG0000(U8)	snoRNA	chr12	73764279	73764413	-	0	0
ENSG0000(U8)	snoRNA	chr3	1.81E+08	1.81E+08	+	0	0
ENSG0000(SNORA71)	snoRNA	chr20	38442036	38442169	+	0	0
ENSG0000(RNA5SP48)	rRNA	chr21	14070871	14070986	+	0	0
ENSG0000(RNU6-915F)	snRNA	chr2	1.96E+08	1.96E+08	-	0	0
ENSG0000(RNU6-526F)	snRNA	chr8	9371090	9371195	-	0	0
ENSG0000(SNORA73)	snoRNA	chr18	56079394	56079594	-	0	0
ENSG0000(RNY4P17)	misc_RNA	chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	51253933	51254023	-	0	0
ENSG0000(RNU4-9P)	snRNA	chr13	21038529	21038667	-	0	0
ENSG0000(RNA5SP14)	rRNA	chr3	1.8E+08	1.8E+08	-	0	0
ENSG0000(SNORD48)	snoRNA	chr6	31835263	31835326	+	0	0
ENSG0000(RNU6-113J)	snRNA	chr18	47234442	47234548	-	0	0
ENSG0000(RNU6-867F)	snRNA	chrX	76244968	76245074	+	0	0
ENSG0000(SNORA33)	snoRNA	chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	97915690	97915796	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25170723	25170804	+	0	0

ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(RNA5SP16)	rRNA	chr4	1.49E+08	1.49E+08	+	0	0
ENSG0000(SNORD31)	snoRNA	chr13	1.07E+08	1.07E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr16	68089449	68089543	-	0	0
ENSG0000(RNU6-702)	snRNA	chr18	22180112	22180218	-	0	0
ENSG0000(RNA5SP33)	rRNA	chr11	13907484	13907590	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.92E+08	1.92E+08	+	0	0
ENSG0000(RNA5SP29)	rRNA	chr10	282015	282125	-	0	0
ENSG0000(SNORA51)	snoRNA	chr4	40082983	40083106	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	34189174	34189275	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	35195969	35196062	+	0	0
ENSG0000(RNU6-294)	snRNA	chr5	64573569	64573670	+	0	0
ENSG0000(RN7SKP17)	misc_RNA	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(RNA5SP97)	rRNA	chr2	73968123	73968206	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	72654165	72654276	-	0	0
ENSG0000(snoU2-30)	snoRNA	chrX	20136066	20136135	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	1.22E+08	1.22E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	77013583	77013684	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNU6-967)	snRNA	chr19	31787148	31787255	-	0	0
ENSG0000(RN7SKP15)	misc_RNA	chr8	1.2E+08	1.2E+08	-	0	0
ENSG0000(SNORA72)	snoRNA	chr1	2.24E+08	2.24E+08	+	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNY1P13)	misc_RNA	chr1	1.15E+08	1.15E+08	+	0	0
ENSG0000(RN7SKP48)	misc_RNA	chr4	85100496	85100823	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25239838	25239919	+	0	0
ENSG0000(RNU6-590)	snRNA	chr12	13459670	13459776	-	0	0
ENSG0000(RNU1-140)	snRNA	chr5	1.04E+08	1.04E+08	+	0	0
ENSG0000(RN7SKP18)	misc_RNA	chrX	1.45E+08	1.45E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1E+08	1E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	20481158	20481268	+	0	0
ENSG0000(RNU6-102)	snRNA	chr1	21987816	21987919	+	0	0
ENSG0000(RNA5SP44)	rRNA	chr17	41718154	41718260	+	0	0
ENSG0000(RNU1-43P)	snRNA	chr3	1.03E+08	1.03E+08	+	0	0
ENSG0000(RNA5SP48)	rRNA	chr20	45559758	45559876	-	0	0
ENSG0000(RNA5S15)	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNA5SP17)	rRNA	chr4	1.77E+08	1.77E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	43096732	43096844	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	96103079	96103174	-	0	0
ENSG0000(RNA5SP22)	rRNA	chr6	1.53E+08	1.53E+08	-	0	0
ENSG0000(RNA5SP36)	rRNA	chr12	79878305	79878419	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25187536	25187616	+	0	0
ENSG0000(SNORA72)	snoRNA	chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(SNORA70)	snoRNA	chr12	1.21E+08	1.21E+08	+	0	0

ENSG0000(SNORD113)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-673F)	snRNA	chr10	76260800	76260903	-	0	0
ENSG0000(RNY3P1)	misc_RNA	chr5	79170234	79170335	-	0	0
ENSG0000(SNORA25)	snoRNA	chr3	1.79E+08	1.79E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	77041647	77041748	+	0	0
ENSG0000(RNA5SP12)	rRNA	chr3	25352284	25352392	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	38125292	38125394	-	0	0
ENSG0000(RNA5-8SP4)	rRNA	chr19	24004358	24004507	-	0	0
ENSG0000(RN7SKP22)	misc_RNA	chr19	32862800	32863092	-	0	0
ENSG0000(RNA5SP13)	rRNA	chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25206262	25206343	+	0	0
ENSG0000(SNORA62)	snoRNA	chr11	4756645	4756797	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr21	29139283	29139384	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	1.65E+08	1.65E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	30736304	30736414	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	6004283	6004385	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25234247	25234328	+	0	0
ENSG0000(SNORA23)	snoRNA	chr11	9428773	9428954	+	0	0
ENSG0000(RNA5SP42)	rRNA	chr16	66301809	66301940	+	0	0
ENSG0000(RNU1-36P)	snRNA	chr4	88000237	88000401	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	48153434	48153535	+	0	0
ENSG0000(RNU6-619F)	snRNA	chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(RNU6-806F)	snRNA	chr5	60304047	60304151	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	31230071	31230172	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	75325959	75326060	-	0	0
ENSG0000(SNORD81)	snoRNA	chr7	1.37E+08	1.37E+08	+	0	0
ENSG0000(RNU6-934F)	snRNA	chrX	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-124C)	snRNA	chr1	1.86E+08	1.86E+08	-	0	0
ENSG0000(RNU6-1134)	snRNA	chr17	31713753	31713853	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU6-580F)	snRNA	chr2	1.59E+08	1.59E+08	-	0	0
ENSG0000(SNORD38A)	snoRNA	chr1	44777843	44777912	+	0	0
ENSG0000(RNU6-399F)	snRNA	chr12	62545582	62545679	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	73403788	73403889	-	0	0
ENSG0000(RNU6-215F)	snRNA	chr7	5180061	5180162	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(RNA5SP22)	rRNA	chr6	1.52E+08	1.52E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(RNA5SP32)	rRNA	chr10	96619376	96619483	+	0	0
ENSG0000(SNORD114)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-391F)	snRNA	chr6	24365651	24365754	+	0	0
ENSG0000(RNU6-382F)	snRNA	chrX	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNA5SP15)	rRNA	chr4	8393015	8393124	+	0	0

ENSG0000(RNA5SP19	rRNA	chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(RN7SKP80	misc_RNA	chr22	42565048	42565330	-	0.8	0
ENSG0000(SNORA1	snoRNA	chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(RNA5SP45	rRNA	chr18	44071583	44071701	+	0	0
ENSG0000(RNA5SP79	rRNA	chr1	2.31E+08	2.31E+08	+	0	0
ENSG0000(RNU4-66P	snRNA	chr6	71652474	71652611	-	0	0
ENSG0000(RNU6-117	snRNA	chr11	70075363	70075469	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	66003839	66003940	-	0	0
ENSG0000(RNU6-715	snRNA	chr2	1.47E+08	1.47E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(RNU6-128	snRNA	chr15	85651522	85651628	-	0	0
ENSG0000(RNU6-290	snRNA	chr5	1.27E+08	1.27E+08	-	0	0
ENSG0000(RNU6-130	snRNA	chr11	63882587	63882685	-	0	0
ENSG0000(RNA5SP19	rRNA	chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(SNORD58	snoRNA	chr18	49489245	49489308	-	0	0
ENSG0000(RNU6-117	snRNA	chr8	96431054	96431160	-	0	0
ENSG0000(RNU6-234	snRNA	chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	32463374	32463482	-	0	0
ENSG0000(RNU4-12P	snRNA	chr6	85993021	85993159	-	0	0
ENSG0000(VTRNA1-2	misc_RNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNU6-690	snRNA	chr8	95599114	95599219	+	0	0
ENSG0000(RNU6-302	snRNA	chr6	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNY4P3	misc_RNA	chr16	50098264	50098358	+	0	0
ENSG0000(RNU1-100	snRNA	chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.83E+08	1.83E+08	-	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	19376774	19376875	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	54099191	54099302	-	0	0
ENSG0000(RNA5SP32	rRNA	chr11	6016996	6017114	+	0	0
ENSG0000(RNU6-407	snRNA	chr20	35030317	35030420	-	0	0
ENSG0000(RNY4P28	misc_RNA	chr13	60187738	60187830	-	0	0
ENSG0000(RNU4-11P	snRNA	chr5	83803554	83803685	+	0	0
ENSG0000(RNU6-742	snRNA	chr18	57755394	57755500	+	0	0
ENSG0000(RNU5E-7P	snRNA	chr2	15864935	15865051	+	0	0
ENSG0000(RNA5SP11	rRNA	chr2	2.09E+08	2.09E+08	-	0	0
ENSG0000(RNU1-114	snRNA	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	61906313	61906408	+	0	0
ENSG0000(RNU6-132	snRNA	chr9	558826	558930	+	0	0
ENSG0000(RNA5-8SP5	rRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNA5SP12	rRNA	chr3	33491983	33492098	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.02E+08	1.02E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	63848261	63848362	-	0	0
ENSG0000(SNORA4	snoRNA	chrX	82561201	82561347	+	0	0

ENSG0000(RNU6-1283) snRNA	chr1	2.46E+08	2.46E+08	-	0	0
ENSG0000(RNU6-497F) snRNA	chr20	47484278	47484381	-	0	0
ENSG0000(RNA5SP35) rRNA	chr12	28505394	28505528	+	0	0
ENSG0000(SNORD115) snoRNA	chr15	25227109	25227190	+	0	0
ENSG0000(SNORA30) snoRNA	chr9	20786927	20787055	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr10	60081741	60081854	+	0	0
ENSG0000(SNORD113) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNA5SP42) rRNA	chr16	53337453	53337571	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	52297995	52298096	+	0	0
ENSG0000(7SK) misc_RNA	chr6	52995620	52995950	+	0	0
ENSG0000(RNU1-115F) snRNA	chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr6	1.29E+08	1.29E+08	-	0	0
ENSG0000(RNU6-1034) snRNA	chr17	29445300	29445400	-	0	0
ENSG0000(RNU6-169F) snRNA	chr2	1.96E+08	1.96E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr15	43247680	43247781	+	0	0
ENSG0000(RNU1-51P) snRNA	chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(SNORA17) snoRNA	chr2	1.8E+08	1.8E+08	-	0	0
ENSG0000(RN7SKP47) misc_RNA	chr9	74799895	74800222	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	39881566	39881678	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr18	2621090	2621201	+	0	0
ENSG0000(RNA5SP24) rRNA	chr7	1.21E+08	1.21E+08	-	0	0
ENSG0000(RNU6-282F) snRNA	chr2	48501922	48502024	-	0	0
ENSG0000(RNU6-1138) snRNA	chr14	23156309	23156414	-	0	0
ENSG0000(SNORA9) snoRNA	chrX	1.01E+08	1.01E+08	-	0	0
ENSG0000(U3) snoRNA	chr7	25264656	25264882	+	0	0
ENSG0000(RNU6-53P) snRNA	chr13	28703702	28703807	-	0	0
ENSG0000(RNU6-396F) snRNA	chr21	46525618	46525722	+	0	0
ENSG0000(RNU6-737F) snRNA	chr18	57284602	57284708	-	0	0
ENSG0000(RN7SKP18) misc_RNA	chr6	30864250	30864552	+	0	0
ENSG0000(RNU6-1276) snRNA	chr8	27773645	27773748	+	0	0
ENSG0000(RNU6-728F) snRNA	chr10	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNA5SP85) rRNA	chr2	11561661	11561779	-	0	0
ENSG0000(RNU5E-5P) snRNA	chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr17	7266055	7266166	-	0	0
ENSG0000(SNORD14C) snoRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	99791662	99791753	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr20	36668559	36668670	-	0	0
ENSG0000(RNA5S16) rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU6-1318) snRNA	chr1	1E+08	1E+08	-	0	0
ENSG0000(RN7SKP69) misc_RNA	chr20	17576206	17576510	-	0	0
ENSG0000(SNORD115) snoRNA	chr15	25250859	25250940	+	0	0
ENSG0000(RNA5SP22) rRNA	chr1	78094807	78094915	-	0	0
ENSG0000(RNA5SP77) rRNA	chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(RNU6-596F) snRNA	chr8	57289552	57289649	+	0	0
ENSG0000(U3) snoRNA	chr3	45255409	45255620	-	0	0

ENSG0000(U8	snoRNA	chr5	15110786	15110920	-	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	23782210	23782310	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	6212638	6212740	-	0	0
ENSG0000(SNORD51	snoRNA	chr14	1.04E+08	1.04E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	8877417	8877518	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(RNA5SP23	rRNA	chr7	83017898	83018011	+	0	0
ENSG0000(SNORA33	snoRNA	chr6	1.04E+08	1.04E+08	+	0	0
ENSG0000(RNU6-117	snRNA	chr6	1.07E+08	1.07E+08	-	0	0
ENSG0000(RNA5SP37	rRNA	chr13	97362972	97363101	-	0	0
ENSG0000(SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-133	snRNA	chr7	56340231	56340337	-	0	0
ENSG0000(RNY3P12	misc_RNA	chr10	92334463	92334564	+	0	0
ENSG0000(RNU6-487	snRNA	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(RNU6-113	snRNA	chrX	1.3E+08	1.3E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	93397139	93397234	-	0	0
ENSG0000(RNU6-996	snRNA	chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	39128826	39128927	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	1E+08	1E+08	+	0	0
ENSG0000(RNU1-64P	snRNA	chr6	11503509	11503671	-	0	0
ENSG0000(SNORD6	snoRNA	chr11	93731502	93731574	-	0	0
ENSG0000(RNU1-84P	snRNA	chr11	66393449	66393612	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	6234345	6234455	-	0	0
ENSG0000(RNA5SP13	rRNA	chr3	50419781	50419899	+	0	0
ENSG0000(RNA5SP36	rRNA	chr12	99083783	99083905	-	0	0
ENSG0000(RNU6-609	snRNA	chr1	2E+08	2E+08	-	0	0
ENSG0000(RNA5SP16	rRNA	chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	75431990	75432087	+	0	0
ENSG0000(RNA5SP23	rRNA	chr7	1.15E+08	1.15E+08	-	0	0
ENSG0000(SNORD50	snoRNA	chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNU6-359	snRNA	chr16	68017710	68017817	-	0	0
ENSG0000(RNU6-8	snRNA	chr14	32203163	32203269	-	0	1.24
ENSG0000(RNU4-45P	snRNA	chr21	22205192	22205332	+	0	0
ENSG0000(RNU6-105	snRNA	chr2	2.37E+08	2.37E+08	-	0	0
ENSG0000(SNORA2	snoRNA	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(RN7SKP20	misc_RNA	chr2	55951654	55952014	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.69E+08	1.69E+08	+	0	0
ENSG0000(RNU1-16P	snRNA	chr13	1.13E+08	1.13E+08	-	1.91	0
ENSG0000(RNU6-326	snRNA	chr7	45843634	45843740	+	0	0
ENSG0000(RN7SKP20	misc_RNA	chr6	13547704	13548013	+	0	0
ENSG0000(RNY3	misc_RNA	chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(RNA5SP27	rRNA	chr8	1.2E+08	1.2E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	11408772	11408880	+	0	0
ENSG0000(RNU6-652	snRNA	chr4	55885595	55885701	+	0	0

ENSG0000(RN7SKP24)	misc_RNA	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	61874084	61874182	-	0	0
ENSG0000(SNORA62	snoRNA	chr3	39411054	39411206	+	2.86	0
ENSG0000(Y_RNA	misc_RNA	chr12	96979528	96979629	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25249198	25249279	+	0	0
ENSG0000(SNORA62	snoRNA	chr4	67747236	67747386	+	0	0
ENSG0000(SNORA25	snoRNA	chr7	1.16E+08	1.16E+08	-	0	0
ENSG0000(SNORA70	snoRNA	chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU1-55P	snRNA	chr20	5890055	5890212	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	85367585	85367686	+	0	0
ENSG0000(RNA5SP27)	rRNA	chr9	1333837	1333953	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	89020246	89020365	-	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.22E+08	1.22E+08	-	0	0
ENSG0000(SNORA70	snoRNA	chr17	28022330	28022464	-	0	0
ENSG0000(RN7SKP29)	misc_RNA	chr4	6997012	6997328	+	0	0
ENSG0000(RN7SKP1	misc_RNA	chr13	37166352	37166658	-	0	0
ENSG0000(RNU6-61P	snRNA	chr13	80369426	80369534	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	97772313	97772425	+	0	0
ENSG0000(SNORD82	snoRNA	chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	31244761	31244861	+	0	0
ENSG0000(RN7SKP18)	misc_RNA	chr7	1.12E+08	1.12E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	1.06E+08	1.06E+08	+	0	0
ENSG0000(RNU1-122F	snRNA	chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	94178005	94178106	+	0	0
ENSG0000(RNA5SP25)	rRNA	chr8	28530411	28530519	+	0	0
ENSG0000(RNY3P13	misc_RNA	chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr20	25214698	25214798	+	0	0
ENSG0000(RN7SKP26)	misc_RNA	chr1	9947318	9947636	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(RNA5SP30	rRNA	chr13	57991350	57991464	+	0	0
ENSG0000(RNU6-827F	snRNA	chr2	78882447	78882552	+	0	0
ENSG0000(RNU6-744F	snRNA	chr2	1.14E+08	1.14E+08	+	0	0
ENSG0000(RNU6-108F	snRNA	chr3	57536252	57536358	-	0	0
ENSG0000(RNU4-48P	snRNA	chr2	1.27E+08	1.27E+08	+	0	0
ENSG0000(RNA5SP88	rRNA	chr2	24564630	24564738	-	0	0
ENSG0000(RNU6-438F	snRNA	chr7	34297496	34297598	-	0	0
ENSG0000(RNU6-54P	snRNA	chr13	70459464	70459570	+	0	0
ENSG0000(SNORA4	snoRNA	chr2	1.97E+08	1.97E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	1.31E+08	1.31E+08	-	0	0
ENSG0000(SNORD42	snoRNA	chr4	82402638	82402706	-	0	0
ENSG0000(RNY4P10	misc_RNA	chr6	33199601	33199696	+	0	0
ENSG0000(RNU5E-6P	snRNA	chr1	44819883	44819997	-	0	0
ENSG0000(RNU6-669F	snRNA	chr9	94507738	94507844	+	0	0
ENSG0000(SNORA63	snoRNA	chr4	14690710	14690832	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	12024012	12024124	-	0	0
ENSG0000(RNU4-17P	snRNA	chr18	60163567	60163707	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	10061222	10061323	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	95275770	95275872	+	0	0
ENSG0000(RNU4-20P	snRNA	chr12	59586793	59586943	-	0	0
ENSG0000(RNA5SP24:	rRNA	chr7	1.4E+08	1.4E+08	-	0	0
ENSG0000(RN7SKP81	misc_RNA	chrX	1.43E+08	1.43E+08	+	0	0
ENSG0000(RNA5SP28:	rRNA	chr9	62802320	62802438	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	30453997	30454097	-	0	0
ENSG0000(RNU6-81P	snRNA	chr13	63783801	63783904	+	0	0
ENSG0000(SNORD14	snoRNA	chr2	24969388	24969477	-	0	0
ENSG0000(RNU6-499F	snRNA	chr4	82174547	82174653	+	0	0
ENSG0000(RNU6-597F	snRNA	chr14	63618043	63618144	+	0	0
ENSG0000(RNU6-716F	snRNA	chr1	2E+08	2E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	50171197	50171297	-	0	0
ENSG0000(RNU6-898F	snRNA	chr16	69007052	69007155	-	0	0
ENSG0000(SNORD116	snoRNA	chr1	2.16E+08	2.16E+08	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25236085	25236166	+	0	0
ENSG0000(RNA5SP15:	rRNA	chr3	1.83E+08	1.83E+08	-	0	0
ENSG0000(SNORD34	snoRNA	chr19	49490904	49490974	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	13511206	13511313	-	0	0
ENSG0000(RN7SKP23:	misc_RNA	chr5	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNU6-805F	snRNA	chr10	72391964	72392069	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	42949388	42949495	-	0	0
ENSG0000(VTRNA1-3	misc_RNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(SNORA64	snoRNA	chr3	40238608	40238741	+	0	0
ENSG0000(RNA5S7	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(Y_RNA	misc_RNA	chr11	72766004	72766116	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	83992932	83993033	+	0	0
ENSG0000(RNA5S13	rRNA	chr1	2.29E+08	2.29E+08	-	3.61	14.5
ENSG0000(RNU6-650F	snRNA	chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(SNORD18B	snoRNA	chr15	66502020	66502091	-	0	0
ENSG0000(RNU6-395F	snRNA	chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.32E+08	1.32E+08	+	0	0
ENSG0000(RNU6-132:	snRNA	chr12	92952639	92952745	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(U8	snoRNA	chr2	86347062	86347195	-	0	0
ENSG0000(RNU4-2	snRNA	chr12	1.2E+08	1.2E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	48325558	48325671	-	0	0
ENSG0000(MIR539	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR421	miRNA	chrX	74218377	74218461	-	0	0
ENSG0000(MIR146B	miRNA	chr10	1.02E+08	1.02E+08	+	0	0
ENSG0000(MIR582	miRNA	chr5	59703606	59703703	-	0	0
ENSG0000(MIR488	miRNA	chr1	1.77E+08	1.77E+08	-	0	0

ENSG0000(RP11-47J1)	antisense	chr11	12921186	12922925	-	0	0
ENSG0000(RP5-961K1)	processed	chrX	96070669	96071778	-	0	0
ENSG0000(RP11-560A)	lincRNA	chr20	57114915	57122092	+	0	0
ENSG0000(RP11-498P)	lincRNA	chr9	97200475	97238700	-	0.67	0.28
ENSG0000(CTA-221G9)	antisense	chr22	25102433	25112692	-	0	0.07
ENSG0000(Metazoa_S misc_RNA)		chr9	1.29E+08	1.29E+08	-	0.41	0.89
ENSG0000(TDRKH-AS1)	antisense	chr1	1.52E+08	1.52E+08	+	0.87	0.37
ENSG0000(RP11-375H)	antisense	chr1	1.66E+08	1.66E+08	+	0.12	0.24
ENSG0000(C9orf41-AS)	antisense	chr9	74952968	74996293	+	0	0
ENSG0000(RP11-277A)	antisense	chr1	32052291	32073474	-	1.01	1.27
ENSG0000(ZNF525 protein_co)		chr19	53365693	53392217	+	1.97	1.56
ENSG0000(AC012358)	antisense	chr2	55214387	55216126	-	0.14	0.37
ENSG0000(RP11-25I9)	lincRNA	chr11	1.09E+08	1.09E+08	+	0	0
ENSG0000(AC006019)	antisense	chr7	1.54E+08	1.54E+08	-	0.04	0.05
ENSG0000(LINC01562)	lincRNA	chr1	51195095	51235096	-	0.06	0.03
ENSG0000(RP3-337H4)	antisense	chr6	43588230	43591362	-	0	0
ENSG0000(AC012454)	processed	chr2	85686053	85687047	-	0	0.07
ENSG0000(RP11-370F)	lincRNA	chr9	93147040	93148556	+	0.63	0.49
ENSG0000(LINC01317)	lincRNA	chr2	33706886	34297753	+	0.25	0.22
ENSG0000(AC074019)	processed	chr2	2.28E+08	2.28E+08	-	0	0.19
ENSG0000(CTD-2026K)	antisense	chr15	75678548	75680752	+	0.83	0.88
ENSG0000(AC015969)	antisense	chr2	68361214	68365584	-	0	0
ENSG0000(RP11-217C)	processed	chr9	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP13-36G1)	processed	chrX	74066083	74066592	+	0	0
ENSG0000(RP11-571E)	lincRNA	chrX	47297852	47298721	+	1.74	1.77
ENSG0000(OR6C71P unprocessε)		chr12	55376824	55377736	-	0	0
ENSG0000(Metazoa_S misc_RNA)		chr15	75120265	75120562	-	0	0.36
ENSG0000(ACTBP6 processed)		chr8	84948585	84949674	+	0	0
ENSG0000(BTBD7P1 processed)		chr10	13156684	13158136	-	0	0
ENSG0000(FAM32BP processed)		chr22	17213516	17214155	+	0	0
ENSG0000(RP11-163F)	lincRNA	chr10	1.09E+08	1.09E+08	-	0	0
ENSG0000(E2F3P2 processed)		chr2	1.96E+08	1.96E+08	-	0.92	0.29
ENSG0000(Metazoa_S misc_RNA)		chr4	9711953	9712233	-	0	0.65
ENSG0000(RP11-820K)	processed	chr12	31465062	31465842	+	0	0
ENSG0000(LINC00449)	antisense	chr13	99499727	99501052	-	0.08	0.16
ENSG0000(AC004988)	antisense	chr7	40538127	40546928	-	0.33	0.18
ENSG0000(RP11-814E unprocessε)		chr7	56322804	56323601	+	0	0
ENSG0000(RP5-1113E)	antisense	chr1	10458555	10459338	+	0	0.37
ENSG0000(RP11-77K1)	antisense	chr16	75475896	75495407	+	0.21	0.99
ENSG0000(INF2 protein_co)		chr14	1.05E+08	1.05E+08	+	23.26	24.79
ENSG0000(HMGB1P3 processed)		chr6	75319101	75319980	-	0.08	0.14
ENSG0000(OR2N1P unprocessε)		chr6	29137880	29138816	-	0	0
ENSG0000(RP11-291L)	lincRNA	chr10	38453181	38466176	+	0	0
ENSG0000(PDCD4-AS1)	antisense	chr10	1.11E+08	1.11E+08	-	1.66	1.27
ENSG0000(RP11-556C)	lincRNA	chr6	6993191	6995554	+	0	0

ENSG0000(FAM83H-A protein_co chr8	1.44E+08	1.44E+08	+	0.59	0.46
ENSG0000(RBMS3-AS1 antisense chr3	29526251	29642809	-	0.4	0.41
ENSG0000(RP11-697H antisense chr11	63616308	63621671	+	0	0
ENSG0000(TAS2R2P processed_chr7	12491095	12492004	+	0	0
ENSG0000(Z99756.1 antisense chr22	43275955	43283830	+	0.03	0
ENSG0000(AC016712. processed_chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(RP11-176H protein_co chr14	31334312	31457441	-	1.08	1.77
ENSG0000(OR52J1P unprocessε chr11	5104153	5105084	+	0	0
ENSG0000(RP13-259N lincRNA chr10	33684755	33687064	+	0	0
ENSG0000(Metazoa_S misc_RNA chr15	40585454	40585751	-	0	0.4
ENSG0000(OR1F2P unprocessε chr16	3215611	3216543	+	0	0
ENSG0000(RP11-542B lincRNA chr12	67519829	67567126	+	0	0.11
ENSG0000(IGBP1-AS1 antisense chrX	70163842	70165206	-	0	0
ENSG0000(RP5-1096D antisense chr12	2004666	2011392	+	0.21	0.12
ENSG0000(LINC00970 antisense chr1	1.69E+08	1.69E+08	-	0.34	0.06
ENSG0000(RP11-335E lincRNA chr1	63139250	63163153	+	0.08	0.14
ENSG0000(RHOT1P2 processed_chr21	13936993	13937325	-	0	0
ENSG0000(GP1BB protein_co chr22	19722945	19724771	+	0.3	0.28
ENSG0000(RP11-84A1 lincRNA chr1	31842019	31855568	-	0.33	0.35
ENSG0000(AC144450. lincRNA chr2	1620510	1625419	-	0.31	0.38
ENSG0000(AC012456. antisense chr2	11721619	11724222	-	0	0
ENSG0000(RP11-332N sense_intrε chr3	1.3E+08	1.3E+08	-	1.23	1.65
ENSG0000(LINC00501 lincRNA chr3	1.77E+08	1.77E+08	+	0.02	0.14
ENSG0000(RP11-320P processed_chr3	66008770	66009200	-	0	0
ENSG0000(AC007618. processed_chr12	2659937	2660969	+	0	0
ENSG0000(LINC01285 lincRNA chrX	1.19E+08	1.19E+08	+	0.28	0.21
ENSG0000(OR2T5 protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(OR2L2 protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(OR2W5 transcribec chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(EFCAB2 protein_co chr1	2.45E+08	2.45E+08	+	4.09	3.74
ENSG0000(COX20 protein_co chr1	2.45E+08	2.45E+08	+	25.78	24.86
ENSG0000(CHML protein_co chr1	2.42E+08	2.42E+08	-	1.23	1.51
ENSG0000(IBA57-AS1 lincRNA chr1	2.28E+08	2.28E+08	-	0.53	0.2
ENSG0000(STUM protein_co chr1	2.27E+08	2.27E+08	+	0.04	0.1
ENSG0000(RP11-351J lincRNA chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(TCP10 protein_co chr6	1.67E+08	1.67E+08	-	0	0
ENSG0000(CAPN8 protein_co chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(TATDN3 protein_co chr1	2.13E+08	2.13E+08	+	8.46	7.83
ENSG0000(SERTAD4-A antisense chr1	2.1E+08	2.1E+08	-	4	3.57
ENSG0000(C1orf132 lincRNA chr1	2.08E+08	2.08E+08	-	0.29	0.43
ENSG0000(CR1 protein_co chr1	2.07E+08	2.08E+08	+	0.03	0
ENSG0000(C6orf99 lincRNA chr6	1.59E+08	1.59E+08	+	0	0
ENSG0000(LINC00862 lincRNA chr1	2E+08	2E+08	-	0.04	0
ENSG0000(RAET1G protein_co chr6	1.5E+08	1.5E+08	-	2.49	2.08
ENSG0000(C1orf53 protein_co chr1	1.98E+08	1.98E+08	+	3.46	3.28

ENSG0000(SAMD5	protein_co	chr6	1.48E+08	1.48E+08	+	0	0.02
ENSG0000(LINC00272	lincRNA	chr1	1.82E+08	1.82E+08	+	0	0
ENSG0000(TEDDM1	protein_co	chr1	1.82E+08	1.82E+08	-	0	0
ENSG0000(GJE1	protein_co	chr6	1.42E+08	1.42E+08	+	0	0
ENSG0000(ECT2L	protein_co	chr6	1.39E+08	1.39E+08	+	0.02	0.04
ENSG0000(GPR52	protein_co	chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP11-296C	antisense	chr1	1.73E+08	1.73E+08	-	0.65	0.36
ENSG0000(METTL11B	protein_co	chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(FCGR3A	protein_co	chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(TMEM244	protein_co	chr6	1.3E+08	1.3E+08	-	0	0
ENSG0000(OR6K3	protein_co	chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(OR10T1P	unprocessε	chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(CENPW	protein_co	chr6	1.26E+08	1.26E+08	+	2.95	2.87
ENSG0000(MSTO2P	unprocessε	chr1	1.56E+08	1.56E+08	+	1.83	1.38
ENSG0000(SPRN	protein_co	chr10	1.33E+08	1.33E+08	-	0.16	0.44
ENSG0000(FAM229B	protein_co	chr6	1.12E+08	1.12E+08	+	22.33	19.13
ENSG0000(FANK1	protein_co	chr10	1.26E+08	1.26E+08	+	7.21	7.69
ENSG0000(AL591704.	unprocessε	chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(LOR	protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(PRR9	protein_co	chr1	1.53E+08	1.53E+08	+	0.1	0
ENSG0000(LERP1	protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(SPRR2E	protein_co	chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(KPRP	protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(METTL10	protein_co	chr10	1.25E+08	1.25E+08	-	6.78	7.05
ENSG0000(FAM24A	protein_co	chr10	1.23E+08	1.23E+08	+	0	0
ENSG0000(DDO	protein_co	chr6	1.1E+08	1.1E+08	-	0	0
ENSG0000(CCDC162P	transcribec	chr6	1.09E+08	1.09E+08	+	0.22	0.49
ENSG0000(LINC00222	lincRNA	chr6	1.09E+08	1.09E+08	+	0	0
ENSG0000(ADAMTSL4	processed_	chr1	1.51E+08	1.51E+08	-	0.23	0.06
ENSG0000(PLPP4	protein_co	chr10	1.2E+08	1.21E+08	+	0.56	0.8
ENSG0000(BVES-AS1	antisense	chr6	1.05E+08	1.05E+08	+	0.08	0.36
ENSG0000(LIN28B-AS:	lincRNA	chr6	1.05E+08	1.05E+08	-	0	0
ENSG0000(HIST2H3C	protein_co	chr1	1.5E+08	1.5E+08	-	0	0
ENSG0000(HIST2H2AA	protein_co	chr1	1.5E+08	1.5E+08	-	5.18	12.37
ENSG0000(HIST2H2BF	protein_co	chr1	1.5E+08	1.5E+08	-	4.59	5.27
ENSG0000(HIST2H3PS	protein_co	chr1	1.44E+08	1.44E+08	-	1.42	3.12
ENSG0000(HIST2H2BC	processed_	chr1	1.5E+08	1.5E+08	-	0.43	1.2
ENSG0000(RP11-744H	unprocessε	chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(PNLIPRP3	protein_co	chr10	1.16E+08	1.16E+08	+	0	0.03
ENSG0000(HIST2H3A	protein_co	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000(HSD3BP4	unprocessε	chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(HSD3B1	protein_co	chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(HSD3BP2	unprocessε	chr1	1.19E+08	1.19E+08	+	0	0
ENSG0000(HSD3B2	protein_co	chr1	1.19E+08	1.19E+08	+	0	0
ENSG0000(C1orf137	lincRNA	chr1	1.17E+08	1.17E+08	+	0	0

ENSG0000(ATP1A1-AS)	processed_chr1	1.16E+08	1.16E+08	-	0.6	2.07
ENSG0000(RBM20)	protein_co chr10	1.11E+08	1.11E+08	+	0	0.08
ENSG0000(SMIM9)	protein_co chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(C6orf163)	protein_co chr6	87344849	87365463	+	0.38	1.13
ENSG0000(SNHG5)	processed_chr6	85660950	85678736	-	313.95	306.97
ENSG0000(ADD3-AS1)	processed_chr10	1.1E+08	1.1E+08	-	0.54	0.14
ENSG0000(RIPPLY2)	protein_co chr6	83853266	83857515	+	0	0
ENSG0000(CHIAP2)	transcribed chr1	1.11E+08	1.11E+08	+	0.02	0
ENSG0000(GDI1)	protein_co chrX	1.54E+08	1.54E+08	+	49.57	48.5
ENSG0000(PCMTD2)	protein_co chr20	64255695	64287821	+	19.91	17.74
ENSG0000(SOX18)	protein_co chr20	64047582	64049641	-	0.09	0.17
ENSG0000(CYP17A1-A)	antisense chr10	1.03E+08	1.03E+08	+	0.31	0
ENSG0000(LIME1)	protein_co chr20	63736283	63739103	+	3.09	2.2
ENSG0000(SPATA42)	antisense chr1	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-261N)	antisense chr20	63359988	63371177	+	0	0
ENSG0000(OOEP)	protein_co chr6	73368555	73395133	-	0	0
ENSG0000(KHDC3L)	protein_co chr6	73362677	73364171	+	0.06	0
ENSG0000(DPPA5)	protein_co chr6	73353062	73354295	-	0	0
ENSG0000(C1orf146)	protein_co chr1	92217940	92245813	+	0	0
ENSG0000(HSP90B3P)	processed_chr1	91642516	91644082	+	0.04	0
ENSG0000(SPANXN1)	protein_co chrX	1.45E+08	1.45E+08	+	0	0
ENSG0000(SPANXA2)	protein_co chrX	1.42E+08	1.42E+08	+	0	0.05
ENSG0000(LINC00632)	lincRNA chrX	1.41E+08	1.41E+08	+	0.36	0.2
ENSG0000(CXorf66)	protein_co chrX	1.4E+08	1.4E+08	-	0	0
ENSG0000(C10orf62)	protein_co chr10	97589727	97590934	+	0.1	0
ENSG0000(SAMD13)	protein_co chr1	84298366	84389957	+	0.25	0.3
ENSG0000(FAM127B)	protein_co chrX	1.35E+08	1.35E+08	-	56.43	57.78
ENSG0000(CCDC160)	protein_co chrX	1.34E+08	1.34E+08	+	0	0
ENSG0000(C1orf141)	protein_co chr1	67092165	67231853	-	0	0
ENSG0000(EFCAB7)	protein_co chr1	63523372	63572693	+	7.81	8.57
ENSG0000(DEFB110)	protein_co chr6	50009138	50021981	-	0	0
ENSG0000(RP13-379L)	lincRNA chr20	57957126	57959660	-	0	0
ENSG0000(GLYATL3)	protein_co chr6	49499958	49527047	+	0	0
ENSG0000(LDLRAD1)	protein_co chr1	54007299	54018186	-	0	0
ENSG0000(RP11-188C)	antisense chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(RHOXF2B)	protein_co chrX	1.2E+08	1.2E+08	-	0	0
ENSG0000(ARRDC1-AS)	antisense chr9	1.38E+08	1.38E+08	-	5.4	6.7
ENSG0000(ZYG11A)	protein_co chr1	52842511	52894998	+	0.09	0.06
ENSG0000(LINC01270)	lincRNA chr20	50292720	50314922	+	0.29	0.43
ENSG0000(LCN8)	protein_co chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP11-216L)	protein_co chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(C1orf185)	protein_co chr1	51102234	51148086	+	0	0
ENSG0000(GLT6D1)	protein_co chr9	1.36E+08	1.36E+08	-	0	0
ENSG0000(IFIT1B)	protein_co chr10	89378056	89385205	+	0	0
ENSG0000(COL5A1-AS)	antisense chr9	1.35E+08	1.35E+08	-	0	0

ENSG0000(CT83	protein_co chrX	1.16E+08	1.16E+08 -	0	0
ENSG0000(LIPN	protein_co chr10	88761406	88778242 +	0	0.11
ENSG0000(LIPK	protein_co chr10	88724544	88752786 +	0	0.11
ENSG0000(LIPJ	protein_co chr10	88586753	88606976 +	0.05	0
ENSG0000(TRPC5OS	protein_co chrX	1.12E+08	1.12E+08 +	0	0
ENSG0000(LCN1P2	unprocessε chr9	1.33E+08	1.33E+08 +	0	0
ENSG0000(LRIT2	protein_co chr10	84220495	84225589 -	0	0
ENSG0000(RP11-465L	antisense chr20	46013500	46022073 -	0	0
ENSG0000(RP11-126H	antisense chr10	77866875	77869610 +	0	0
ENSG0000(LRRC73	protein_co chr6	43506969	43510686 -	0.84	0.69
ENSG0000(MYCLP1	processed_ chrX	1.07E+08	1.07E+08 +	0	0
ENSG0000(LINC00963	processed_ chr9	1.29E+08	1.3E+08 +	31.75	29.56
ENSG0000(RP11-247A	antisense chr9	1.29E+08	1.29E+08 +	0.08	0.18
ENSG0000(FOXO6	protein_co chr1	41361922	41383590 +	0.27	0.15
ENSG0000(TCEAL5	protein_co chrX	1.03E+08	1.03E+08 -	0	0
ENSG0000(SYS1	protein_co chr20	45361937	45376798 +	14.82	15.57
ENSG0000(TCEAL6	protein_co chrX	1.02E+08	1.02E+08 -	0	0.07
ENSG0000(ARMCX7P	transcribec chrX	1.02E+08	1.02E+08 +	0	0
ENSG0000(INPP5B	protein_co chr1	37860697	37947057 -	7.49	5.84
ENSG0000(RPA4	protein_co chrX	96883908	96885467 +	0.18	0
ENSG0000(TDRG1	antisense chr6	40334954	40379887 +	0	0
ENSG0000(LINC00951	lincRNA chr6	40344344	40346151 -	0	0
ENSG0000(NEU4	protein_co chr2	2.42E+08	2.42E+08 +	0	0
ENSG0000(MAFB	protein_co chr20	40685848	40689240 -	0.68	0.66
ENSG0000(TRAF3IP1	protein_co chr2	2.38E+08	2.38E+08 +	7.81	8.5
ENSG0000(RP1-153P1	lincRNA chr6	37507348	37535616 +	0	0
ENSG0000(BMP2KL	processed_ chrX	74185929	74187153 +	0	0
ENSG0000(CHIC1	protein_co chrX	73563200	73687102 +	4.26	4.38
ENSG0000(RP4-640H8	lincRNA chr20	37676910	37683234 +	0	0
ENSG0000(NAP1L6	protein_co chrX	73126037	73128080 -	0	0
ENSG0000(GIGYF2	protein_co chr2	2.33E+08	2.33E+08 +	15.41	16.85
ENSG0000(ECEL1P1	unprocessε chr2	2.32E+08	2.32E+08 -	0	0
ENSG0000(C2orf72	protein_co chr2	2.31E+08	2.31E+08 +	0.25	0.54
ENSG0000(RUFY2	protein_co chr10	68341107	68407294 -	5.64	5.67
ENSG0000(NHSL2	protein_co chrX	71910818	72161750 +	0.36	0.3
ENSG0000(GGTA1P	transcribec chr9	1.21E+08	1.22E+08 -	0.04	0
ENSG0000(PHACTR4	protein_co chr1	28369582	28500369 +	9.26	7.09
ENSG0000(CLPSL1	protein_co chr6	35781017	35793675 +	0	0
ENSG0000(ASAH2B	protein_co chr10	50739318	50816495 +	1.34	1.19
ENSG0000(LINC00474	lincRNA chr9	1.16E+08	1.16E+08 -	0	0
ENSG0000(AGAP6	protein_co chr10	49982190	50010499 +	4.14	4.19
ENSG0000(TIMM23B	protein_co chr10	49942033	49974850 +	4.33	5.57
ENSG0000(ZDHHC18	protein_co chr1	26826710	26857602 +	8.24	8.75
ENSG0000(C10orf128	protein_co chr10	49154725	49188585 -	0	0
ENSG0000(CXorf65	protein_co chrX	71103889	71106788 -	0	0

ENSG0000(AGAP9	protein_co chr10	47501854	47523638	-	3.51	3.15
ENSG0000(LRRC37A5F	transcribec chr9	1.12E+08	1.12E+08	-	0	0.12
ENSG0000(NPY4R	protein_co chr10	46461099	46465881	-	0.27	0
ENSG0000(GPRIN2	protein_co chr10	46549044	46555530	-	0	0.04
ENSG0000(SYT15	protein_co chr10	46578217	46594173	+	1.27	1.51
ENSG0000(BMS1P1	transcribec chr10	46786674	46811989	+	2.84	2.51
ENSG0000(TMEM57	protein_co chr1	25430858	25500209	+	8.1	7.62
ENSG0000(PTPN20	protein_co chr10	46911396	47002488	+	0.06	0
ENSG0000(GDF5OS	protein_co chr20	35433029	35435450	+	0	0
ENSG0000(ZDBF2	protein_co chr2	2.06E+08	2.06E+08	+	1.7	1.53
ENSG0000(LINC00619	lincRNA chr10	43845306	43850622	+	0	0
ENSG0000(GGNBP1	transcribec chr6	33540046	33589026	+	0	0
ENSG0000(TXNDC8	protein_co chr9	1.1E+08	1.1E+08	-	0	0
ENSG0000(RPL12P1	processed_chr6	33400059	33400556	-	0	0
ENSG0000(AWAT1	protein_co chrX	70234655	70240627	+	0	0
ENSG0000(RPL12P16	processed_chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(DAXX	protein_co chr6	33318558	33329286	-	30.33	26.97
ENSG0000(BMPR2	protein_co chr2	2.02E+08	2.03E+08	+	12.75	12.32
ENSG0000(TCEA3	protein_co chr1	23381061	23424740	-	7.44	5.79
ENSG0000(PFDN6	protein_co chr6	33289302	33298401	+	20.49	22.6
ENSG0000(RING1	protein_co chr6	33208495	33212722	+	23.64	24.31
ENSG0000(HSD17B8	protein_co chr6	33204642	33206831	+	2.1	2.1
ENSG0000(RXRB	protein_co chr6	33193588	33200688	-	24.08	23.33
ENSG0000(OXLD1	protein_co chr17	81665036	81666635	-	17.93	13.81
ENSG0000(RP11-713P	lincRNA chr11	1.34E+08	1.34E+08	+	0.52	0.18
ENSG0000(OR13C3	protein_co chr9	1.05E+08	1.05E+08	-	0	0
ENSG0000(COL11A2	protein_co chr6	33162681	33192499	-	0.34	0.15
ENSG0000(LINC00587	lincRNA chr9	1.03E+08	1.03E+08	+	0	0
ENSG0000(HLA-DOA	protein_co chr6	33004178	33009612	-	0.02	0
ENSG0000(HNRNPCP2	processed_chr2	1.9E+08	1.9E+08	+	0	0
ENSG0000(BRD2	protein_co chr6	32968660	32981505	+	71.29	70.35
ENSG0000(HLA-DMA	protein_co chr6	32948613	32969094	-	9.65	7.52
ENSG0000(PSMB8-AS:	lincRNA chr6	32844086	32846495	+	2.61	2.37
ENSG0000(COL5A2	protein_co chr2	1.89E+08	1.89E+08	-	285.45	278.48
ENSG0000(PSMB8	protein_co chr6	32840717	32844703	-	36.64	36.43
ENSG0000(TAP2	protein_co chr6	32821833	32838780	-	7.35	7.53
ENSG0000(SPIN3	protein_co chrX	56818298	56995827	-	6.47	5.75
ENSG0000(NBDY	protein_co chrX	56729241	56818380	+	22.08	21.78
ENSG0000(LINC01993	lincRNA chr17	78261349	78278492	-	0.06	0
ENSG0000(TMEM235	protein_co chr17	78231310	78240987	+	0	0
ENSG0000(PAGE3	protein_co chrX	55258412	55264846	-	0	0
ENSG0000(TNRC6C-AS	processed_chr17	78107398	78111799	-	0	0
ENSG0000(LINC01973	lincRNA chr17	77879027	77884087	-	0	0
ENSG0000(HLA-DRA	protein_co chr6	32439842	32445046	+	0	0
ENSG0000(BTNL2	protein_co chr6	32393963	32407128	-	0	0

ENSG0000(COL15A1	protein_co chr9	98943179	99070792	+	2.6	2.87
ENSG0000(OR8B2	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(C6orf10	protein_co chr6	32288526	32371912	-	0	0
ENSG0000(TMEM225	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(NOTCH4	protein_co chr6	32194843	32224067	-	0.94	0.65
ENSG0000(PBX2	protein_co chr6	32184741	32190186	-	22.23	23.3
ENSG0000(AGER	protein_co chr6	32180968	32184324	-	1.39	0.88
ENSG0000(RNF5	protein_co chr6	32178354	32180793	+	29.32	28.02
ENSG0000(AGPAT1	protein_co chr6	32168212	32178096	-	41.61	40.64
ENSG0000(DFNB59	protein_co chr2	1.78E+08	1.78E+08	+	1.3	1.49
ENSG0000(PRRT1	protein_co chr6	32148359	32154373	-	3.34	4.35
ENSG0000(FKBPL	protein_co chr6	32128707	32130291	-	3.76	3.57
ENSG0000(MRPL38	protein_co chr17	75898643	75905413	-	14.04	15.45
ENSG0000(SMIM5	protein_co chr17	75633434	75641404	+	0	0
ENSG0000(ERICH2	protein_co chr2	1.71E+08	1.71E+08	+	0.12	0.13
ENSG0000(SP5	protein_co chr2	1.71E+08	1.71E+08	+	0	0
ENSG0000(CYP21A1P	transcribed chr6	32005636	32008451	+	0.08	0.09
ENSG0000(STK19	protein_co chr6	31971091	31982821	+	15.33	15.29
ENSG0000(CD300LD	protein_co chr17	74579365	74592283	-	0	0
ENSG0000(BTBD17	protein_co chr17	74356416	74361946	-	0	0
ENSG0000(DXO	protein_co chr6	31969810	31972292	-	7.71	9.46
ENSG0000(SKIV2L	protein_co chr6	31959080	31969755	+	23.08	21.81
ENSG0000(C9orf129	protein_co chr9	93318199	93346414	-	0	0
ENSG0000(NELFE	protein_co chr6	31952087	31959110	-	35.34	32.59
ENSG0000(NXPE2	protein_co chr11	1.15E+08	1.15E+08	+	0.24	0.13
ENSG0000(RP11-380J	lincRNA chr1	17189783	17197617	+	0.09	0.19
ENSG0000(SPANXN5	protein_co chrX	52796144	52798101	-	0	0
ENSG0000(C10orf126	lincRNA chr10	28846408	28881898	+	0	0
ENSG0000(ZBTB12	protein_co chr6	31899607	31901992	-	3.89	4.67
ENSG0000(RP11-552E	processed_chrX	48212791	48218010	+	0	0
ENSG0000(SDHD	protein_co chr11	1.12E+08	1.12E+08	+	34.6	37.78
ENSG0000(EHMT2	protein_co chr6	31879759	31897687	-	23.21	21.89
ENSG0000(XAGE1A	protein_co chrX	52495676	52500812	+	0	0
ENSG0000(PKP4-AS1	antisense chr2	1.59E+08	1.59E+08	-	0	0
ENSG0000(LAYN	protein_co chr11	1.12E+08	1.12E+08	+	1.86	3.84
ENSG0000(XAGE1B	protein_co chrX	52512077	52520803	-	0	0
ENSG0000(SLC44A4	protein_co chr6	31863192	31879046	-	0	0
ENSG0000(NEU1	protein_co chr6	31857659	31862906	-	74.69	76.92
ENSG0000(C6orf48	protein_co chr6	31834608	31839766	+	156.2	158.47
ENSG0000(HSPA1B	protein_co chr6	31827735	31830255	+	33.56	29.03
ENSG0000(HSPA1A	protein_co chr6	31815464	31817946	+	29.65	32.15
ENSG0000(HSPA1L	protein_co chr6	31809619	31815065	-	0.88	0.59
ENSG0000(LSM2	protein_co chr6	31797396	31806984	-	19.4	22.24
ENSG0000(RP11-410N	lincRNA chr20	32564992	32608893	+	0	0
ENSG0000(VARS	protein_co chr6	31777518	31795953	-	13.11	13.31

ENSG0000(VWA7	protein_co chr6	31765590	31777294	-	0.55	0.53
ENSG0000(CARD16	protein_co chr11	1.05E+08	1.05E+08	-	8.89	7.66
ENSG0000(RP11-65D2	lincRNA chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000(AC012306.	processed_chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(CASP12	polymorph chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(MBD5	protein_co chr2	1.48E+08	1.49E+08	+	16.08	16.3
ENSG0000(MSH5	protein_co chr6	31739948	31762834	+	3.57	4.17
ENSG0000(CSHL1	protein_co chr17	63909597	63918838	-	0	0
ENSG0000(MPIG6B	protein_co chr6	31718594	31726714	+	0.11	0.05
ENSG0000(LY6G6C	protein_co chr6	31718648	31721845	-	0	0
ENSG0000(XXbac-BPG	protein_co chr6	31686962	31714072	-	0	0
ENSG0000(LY6G6F	protein_co chr6	31706885	31710595	+	0	0
ENSG0000(ABHD16A	protein_co chr6	31686949	31703444	-	19.46	17.46
ENSG0000(LY6G5C	protein_co chr6	31676684	31684040	-	1.83	1.15
ENSG0000(RP11-1E11	processed_chr9	88180673	88181447	+	0	0
ENSG0000(POTEKP	unprocessε chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(CSNK2B	protein_co chr6	31665236	31670343	+	95.48	91.19
ENSG0000(CTSLP6	unprocessε chr10	79870375	79873903	-	0	0
ENSG0000(GPANK1	protein_co chr6	31661229	31666283	-	11.98	9.36
ENSG0000(C6orf47	protein_co chr6	31658298	31660772	-	10.37	9.19
ENSG0000(FAM155A	protein_co chr13	1.07E+08	1.08E+08	-	0.03	0.01
ENSG0000(APOM	protein_co chr6	31652416	31658210	+	2.85	4.92
ENSG0000(C9orf170	lincRNA chr9	87148644	87159556	+	0	0
ENSG0000(TRIM49C	protein_co chr11	90031106	90042025	+	0	0
ENSG0000(TRIM64	protein_co chr11	89968502	89975228	+	0	0
ENSG0000(TRIM51BP	unprocessε chr11	89854953	89862893	+	0	0
ENSG0000(RP11-313I2	unprocessε chr11	89766440	89768836	-	0	0
ENSG0000(LINC01854	lincRNA chr2	1.29E+08	1.29E+08	-	0	0
ENSG0000(BAG6	protein_co chr6	31639028	31652705	-	78.35	81.42
ENSG0000(C1orf195	lincRNA chr1	15164344	15171317	-	0	0
ENSG0000(PRRC2A	protein_co chr6	31620720	31637771	+	32.26	34.05
ENSG0000(TBC1D3P4	unprocessε chr17	18393480	18400961	+	0	0
ENSG0000(AIF1	protein_co chr6	31615184	31617021	+	0	0
ENSG0000(NCR3	protein_co chr6	31588895	31592985	-	0	0
ENSG0000(PRAMEF20	protein_co chr1	13410450	13421328	+	0	0
ENSG0000(PRAMEF17	protein_co chr1	13389632	13392629	+	0	0
ENSG0000(PRAMEF19	protein_co chr1	13369067	13371693	-	0	0
ENSG0000(PRAMEF14	protein_co chr1	13342034	13347134	-	0	0
ENSG0000(LST1	protein_co chr6	31586124	31588909	+	0	0
ENSG0000(NFKBIL1	protein_co chr6	31546870	31558829	+	14.13	13.69
ENSG0000(PRAMEF15	protein_co chr1	13315581	13322598	+	0	0
ENSG0000(PRAMEF9	protein_co chr1	13172455	13179464	+	0	0
ENSG0000(PRAMEF7	protein_co chr1	12916610	12920482	+	0	0
ENSG0000(MCCD1	protein_co chr6	31528717	31530232	+	0	0
ENSG0000(ZNF814	protein_co chr19	57848731	57889074	-	3.94	5.42

ENSG00000101000	MICB	protein_coding	chr6	31494881	31511124	+	8.28	8.38
ENSG00000101000	AADA4L4	protein_coding	chr1	12644547	12667086	+	0.22	0.04
ENSG00000101000	ZNF551	protein_coding	chr19	57681969	57717301	+	1.73	1.55
ENSG00000101000	MICA	protein_coding	chr6	31399784	31415315	+	15.92	16.1
ENSG00000101000	ZNF805	protein_coding	chr19	57240685	57255135	+	1.51	1.75
ENSG00000101000	HLA-C	protein_coding	chr6	31268749	31272130	-	818.91	761.9
ENSG00000101000	PSORS1C3	sense_intronic	chr6	31173735	31177899	-	0	0.13
ENSG00000101000	GUCY2EP	transcribed	chr11	76694041	76719801	-	0	0
ENSG00000101000	POU5F1	protein_coding	chr6	31164337	31180731	-	0.92	1.04
ENSG00000101000	ZSCAN5C	protein_coding	chr19	56202301	56209452	+	0	0
ENSG00000101000	CCHCR1	protein_coding	chr6	31142439	31158238	-	8.57	9.68
ENSG00000101000	PSORS1C2	protein_coding	chr6	31137536	31139350	-	0	0
ENSG00000101000	CDSN	protein_coding	chr6	31115090	31120446	-	0	0
ENSG00000101000	PSORS1C1	protein_coding	chr6	31114750	31140092	+	3.02	5.59
ENSG00000101000	C6orf15	protein_coding	chr6	31111223	31112559	-	0	0
ENSG00000101000	MUC21	protein_coding	chr6	30983718	30989903	+	0	0
ENSG00000101000	DEFB122	transcribed	chr20	31421436	31429180	-	0	0
ENSG00000101000	DEFB121	protein_coding	chr20	31404845	31412838	-	0	0
ENSG00000101000	CFTRP3	processed_transcript	chr20	30214765	30214976	-	0	0
ENSG00000101000	CTD-2514C	unprocessed_transcript	chr20	26018832	26020684	+	1.25	1
ENSG00000101000	DHX16	protein_coding	chr6	30653119	30673037	-	11.35	11.52
ENSG00000101000	C6orf136	protein_coding	chr6	30647039	30653210	+	5.1	5.19
ENSG00000101000	MRPS18B	protein_coding	chr6	30617709	30626395	+	22.41	22.12
ENSG00000101000	PPP1R10	protein_coding	chr6	30600400	30618612	-	8.4	10.67
ENSG00000101000	KRTAP5-11	protein_coding	chr11	71579714	71603353	-	0.11	0
ENSG00000101000	KRTAP5-10	protein_coding	chr11	71565563	71566738	+	0	0
ENSG00000101000	ABCF1	protein_coding	chr6	30571376	30597179	+	26.83	27.31
ENSG00000101000	PRR3	protein_coding	chr6	30556886	30563723	+	6.6	5.91
ENSG00000101000	LILRB3	protein_coding	chr19	54216278	54223506	-	0.19	0.06
ENSG00000101000	DDR1	protein_coding	chr6	30876421	30900156	+	37.92	47.84
ENSG00000101000	ACOXL-AS1	antisense	chr2	1.11E+08	1.11E+08	-	0.02	0.44
ENSG00000101000	LRCOL1	protein_coding	chr12	1.33E+08	1.33E+08	-	0	0
ENSG00000101000	RP11-304F	antisense	chr17	49845910	49848837	+	0	0
ENSG00000101000	LINC01123	lincRNA	chr2	1.1E+08	1.1E+08	+	1.59	1.8
ENSG00000101000	GNL1	protein_coding	chr6	30541377	30557174	-	42.68	42.95
ENSG00000101000	HLA-E	protein_coding	chr6	30489467	30494205	+	177.37	170.81
ENSG00000101000	DPRX	protein_coding	chr19	53632056	53637009	+	0	0
ENSG00000101000	TRIM39	protein_coding	chr6	30326479	30343729	+	6.85	6.88
ENSG00000101000	LINC01257	lincRNA	chr12	1.31E+08	1.31E+08	+	0	0
ENSG00000101000	ZNF468	protein_coding	chr19	52838008	52857649	-	2.15	2.93
ENSG00000101000	TRIM15	protein_coding	chr6	30163206	30172696	+	0	0
ENSG00000101000	ZNF616	protein_coding	chr19	52113091	52139922	-	5.8	4.01
ENSG00000101000	FOXB2	protein_coding	chr9	77019655	77020953	+	0	0
ENSG00000101000	TRIM10	protein_coding	chr6	30151945	30160934	-	0	0
ENSG00000101000	TRIM40	protein_coding	chr6	30136108	30148735	+	0	0

ENSG00000171311	TRIM31	protein_coding	chr6	30102897	30113106	-	0	0
ENSG00000171312	RNF39	protein_coding	chr6	30070266	30075887	-	0	0
ENSG00000171313	PPP1R11	protein_coding	chr6	30066709	30070333	+	33.28	31.65
ENSG00000171314	RP11-1148	antisense	chrX	48568014	48574860	-	1.24	0.34
ENSG00000171315	HLA-J	transcribed	chr6	30005971	30009956	+	1.11	1.69
ENSG00000171316	ZNRD1ASP	transcribed	chr6	30001011	30061640	-	1.39	1.61
ENSG00000171317	DISP3	protein_coding	chr1	11479166	11537584	+	0	0.16
ENSG00000171318	HCG9	lincRNA	chr6	29975112	29978410	+	0	0
ENSG00000171319	RACK1	protein_coding	chr5	1.81E+08	1.81E+08	-	1346.18	1348.93
ENSG00000171320	HLA-G	protein_coding	chr6	29826967	29831125	+	1.02	1.62
ENSG00000171321	TBC1D8	protein_coding	chr2	1.01E+08	1.01E+08	-	8.54	9.16
ENSG00000171322	AC068538	processed	chr2	1.01E+08	1.01E+08	+	0	0
ENSG00000171323	NMS	protein_coding	chr2	1E+08	1E+08	+	0	0
ENSG00000171324	HLA-F	protein_coding	chr6	29722775	29738528	+	23.88	25.82
ENSG00000171325	ZFP57	protein_coding	chr6	29672392	29681110	-	0	0
ENSG00000171326	SSX9	transcribed	chrX	48296816	48306179	-	0	0
ENSG00000171327	LINC02210	transcribed	chr17	45620328	45655156	+	5.43	4.37
ENSG00000171328	RPS26P8	processed	chr17	45608571	45608918	+	0	0
ENSG00000171329	ASPDH	protein_coding	chr19	50511600	50514690	-	0	0
ENSG00000171330	MOG	protein_coding	chr6	29656981	29672372	+	0.07	0.11
ENSG00000171331	OR2H2	protein_coding	chr6	29587455	29589038	+	0	0
ENSG00000171332	CST9LP2	unprocessed	chr20	23583645	23586510	+	0	0
ENSG00000171333	CBY3	protein_coding	chr5	1.8E+08	1.8E+08	-	0	0
ENSG00000171334	C5orf60	processed	chr5	1.8E+08	1.8E+08	-	0	0
ENSG00000171335	CST9LP1	unprocessed	chr20	23547764	23550652	-	0	0
ENSG00000171336	CST13P	transcribed	chr20	23519146	23542018	+	0	0
ENSG00000171337	CTD-2126E	sense_intronic	chr19	50050589	50066793	+	0.11	0.08
ENSG00000171338	C9orf57	protein_coding	chr9	72051376	72072721	-	0	0
ENSG00000171339	IGKV1OR2	IG_V_pseudogene	chr2	97060128	97060415	+	0	0
ENSG00000171340	IL31	protein_coding	chr12	1.22E+08	1.22E+08	-	0	0
ENSG00000171341	AKT1S1	protein_coding	chr19	49869033	49878459	-	27.95	28.24
ENSG00000171342	FAM153C	protein_coding	chr5	1.78E+08	1.78E+08	+	0.4	0.09
ENSG00000171343	GABBR1	protein_coding	chr6	29555629	29633976	-	14.76	18.06
ENSG00000171344	CASC10	protein_coding	chr10	21492658	21497262	-	0.86	0.67
ENSG00000171345	C10orf113	protein_coding	chr10	21125763	21146559	-	0	0
ENSG00000171346	RP5-1004I9	lincRNA	chr20	22371216	22471557	-	0	0
ENSG00000171347	STARD7-AS1	processed	chr2	96208416	96242621	+	3.48	3.11
ENSG00000171348	MAS1L	protein_coding	chr6	29486697	29487956	-	0	0
ENSG00000171349	OR2H1	protein_coding	chr6	29457181	29464328	+	0	0
ENSG00000171350	OR11A1	protein_coding	chr6	29425504	29457071	-	0	0
ENSG00000171351	OR14J1	protein_coding	chr6	29306690	29307655	+	0	0
ENSG00000171352	OR2U1P	unprocessed	chr6	29262703	29264079	-	0	0
ENSG00000171353	UBTFL3	unprocessed	chr2	95625213	95626236	+	0	0
ENSG00000171354	OR2J2	protein_coding	chr6	29173303	29174574	+	0	0
ENSG00000171355	OR2J3	protein_coding	chr6	29111891	29112826	+	0	0

ENSG0000(OR2J1	polymorph	chr6	29100609	29101881	+	0	0
ENSG0000(OR2B3	protein_co	chr6	29086208	29087313	-	0	0
ENSG0000(OR2W1	protein_co	chr6	29044213	29045240	-	0	0
ENSG0000(UBTF5	unprocessε	chr2	95450310	95451500	-	0	0
ENSG0000(MAMDC2-	antisense	chr9	70033921	70175888	-	0.08	0.14
ENSG0000(LINC01556	lincRNA	chr6	28943877	28944537	+	0	0
ENSG0000(SPDYC	protein_co	chr11	65170154	65173244	+	0	0
ENSG0000(C9orf135	protein_co	chr9	69820793	69906232	+	0	0
ENSG0000(TRIM27	protein_co	chr6	28903002	28923989	-	18.67	17.65
ENSG0000(AC073464.	unprocessε	chr2	94795808	94806452	-	0	0
ENSG0000(CNN2P12	processed_	chr13	18726706	18727414	+	0	0
ENSG0000(MALRD1	protein_co	chr10	19048771	19790401	+	0.06	0.11
ENSG0000(AC083899.	unprocessε	chr2	87125390	87196647	+	0.62	0.67
ENSG0000(LINC01951	lincRNA	chr5	1.75E+08	1.75E+08	-	0.06	0.06
ENSG0000(CTC-308K2	antisense	chr5	1.73E+08	1.73E+08	-	0.6	0.52
ENSG0000(RANBP17	protein_co	chr5	1.71E+08	1.71E+08	+	1.13	1.48
ENSG0000(FAM196B	protein_co	chr5	1.7E+08	1.7E+08	-	7	7.06
ENSG0000(IGKV1OR-3	IG_V_pseu	chr9	65770955	65771434	+	0	0
ENSG0000(CBWD4P	unprocessε	chr9	65287914	65323015	-	0.58	0.71
ENSG0000(FOXD4L5	protein_co	chr9	65282101	65285209	-	0	0
ENSG0000(IGKV1OR9-	IG_V_pseu	chr9	65250543	65250826	-	0	0
ENSG0000(REG1CP	transcribec	chr2	79135503	79138427	-	0	0
ENSG0000(ZNF204P	processed_	chr6	27357825	27360221	-	0.21	0.15
ENSG0000(BX255923.	unprocessε	chr9	63974762	64004155	-	0	0.31
ENSG0000(SMPD5	transcribec	chr8	1.44E+08	1.44E+08	+	0	0
ENSG0000(LINC01291	lincRNA	chr2	74918148	74938418	+	0.36	0
ENSG0000(FGF7P7	unprocessε	chr9	62474948	62476333	-	0	0
ENSG0000(RP11-111F	lincRNA	chr9	62374128	62376836	-	0.68	1.68
ENSG0000(FAM27E4	processed_	chr9	61861995	61862336	+	0	0
ENSG0000(RP11-160N	lincRNA	chr9	61659733	61662690	+	0	0.1
ENSG0000(TTC25	protein_co	chr17	41930635	41965651	+	0.5	0.6
ENSG0000(FGF7P5	unprocessε	chr9	42625436	42626813	+	1.11	0.92
ENSG0000(ADGRF5P2	unprocessε	chr9	42795392	42800672	+	0	0.04
ENSG0000(MRPL53	protein_co	chr2	74471958	74473322	-	22.9	17.44
ENSG0000(ST8SIA6-AS	antisense	chr10	17386936	17413503	+	0.03	0
ENSG0000(FGF7P3	transcribec	chr9	39816542	40106661	-	0.29	0.31
ENSG0000(MROH6	protein_co	chr8	1.44E+08	1.44E+08	-	4.17	4.7
ENSG0000(ATXN2	protein_co	chr12	1.11E+08	1.12E+08	-	15.62	16.97
ENSG0000(DCTN1	protein_co	chr2	74361154	74392087	-	73	78.04
ENSG0000(SPATA31A:	protein_co	chr9	39355669	39361959	+	0	0
ENSG0000(CTB-158D1	antisense	chr19	46494508	46496502	+	0.11	0.25
ENSG0000(PNMAL2	protein_co	chr19	46486906	46496498	-	0.24	0.2
ENSG0000(TCTN1	protein_co	chr12	1.11E+08	1.11E+08	+	34.98	36.54
ENSG0000(FAM216A	protein_co	chr12	1.1E+08	1.1E+08	+	5.55	4.91
ENSG0000(ZBTB48	protein_co	chr1	6580001	6589280	+	6.44	6.97

ENSG0000(FAM201A	antisense	chr9	38620474	38624990	+	0	0.11
ENSG0000(IGFL2	protein_co	chr19	46143106	46161299	+	0.34	0.49
ENSG0000(IGFL4	protein_co	chr19	46039748	46077118	-	0	0.04
ENSG0000(NAT8B	polymorph	chr2	73700576	73701340	-	0	0
ENSG0000(KRTAP9-3	protein_co	chr17	41232463	41233454	+	0	0
ENSG0000(AC021218.	lincRNA	chr7	1.56E+08	1.56E+08	+	0	0
ENSG0000(KRTAP4-8	protein_co	chr17	41096981	41098141	-	0	0
ENSG0000(GPR20	protein_co	chr8	1.41E+08	1.41E+08	-	0	0
ENSG0000(KRTAP1-4	protein_co	chr17	41029697	41030104	-	0	0
ENSG0000(KRT40	protein_co	chr17	40977716	40987135	-	0	0
ENSG0000(RP11-208G	processed_	chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(KRT25	protein_co	chr17	40748021	40755332	-	0	0
ENSG0000(MZT1	protein_co	chr13	72708357	72727687	-	1.65	1.87
ENSG0000(LINC01545	lincRNA	chrX	46887417	46899703	-	0	0.21
ENSG0000(SPINK9	protein_co	chr5	1.48E+08	1.48E+08	+	0	0.16
ENSG0000(LRRC3C	protein_co	chr17	39941474	39944747	+	0	0
ENSG0000(RP6-99M1.	processed_	chrX	45730752	45731688	+	0	0
ENSG0000(PRR20B	protein_co	chr13	57147488	57150509	+	0	0
ENSG0000(PRR20A	protein_co	chr13	57140918	57143939	+	0	0
ENSG0000(ZNF155	protein_co	chr19	43967862	43998325	+	3.18	2.89
ENSG0000(UQCC3	protein_co	chr11	62670273	62673687	+	4.16	4.92
ENSG0000(FBXO48	protein_co	chr2	68459419	68467258	-	0.71	0.5
ENSG0000(GRXCR2	protein_co	chr5	1.46E+08	1.46E+08	-	0	0
ENSG0000(AC074391.	processed_	chr2	65436711	66084639	+	0.15	0.18
ENSG0000(FAM221B	protein_co	chr9	35816391	35828747	-	0	0
ENSG0000(CD177P1	unprocessε	chr19	43372742	43379123	-	0	0
ENSG0000(ATP6V0E2-	antisense	chr7	1.5E+08	1.5E+08	-	0.49	0.54
ENSG0000(CD177	protein_co	chr19	43353659	43363172	+	0.08	0.3
ENSG0000(PSG5	protein_co	chr19	43166256	43186536	-	2.81	2.21
ENSG0000(ZNF783	protein_co	chr7	1.49E+08	1.49E+08	+	5.61	7.3
ENSG0000(ZNF425	protein_co	chr7	1.49E+08	1.49E+08	-	2.37	2.59
ENSG0000(FAM83A-A	antisense	chr8	1.23E+08	1.23E+08	-	0	0
ENSG0000(LRRC10B	protein_co	chr11	61508800	61511018	+	0.02	0
ENSG0000(FBXO47	protein_co	chr17	38936432	38967402	-	0	0.03
ENSG0000(C12orf73	protein_co	chr12	1.04E+08	1.04E+08	-	5.35	5.7
ENSG0000(PCDHGA1	protein_co	chr5	1.41E+08	1.42E+08	+	1.09	1.01
ENSG0000(ARHGEF34	unprocessε	chr7	1.44E+08	1.44E+08	-	2.21	2.22
ENSG0000(BLACE	protein_co	chr7	1.55E+08	1.55E+08	-	0	0
ENSG0000(PCDHA9	protein_co	chr5	1.41E+08	1.41E+08	+	0.03	0.05
ENSG0000(PCDHA8	protein_co	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(PCDHA7	protein_co	chr5	1.41E+08	1.41E+08	+	0.08	0.05
ENSG0000(PCDHA5	protein_co	chr5	1.41E+08	1.41E+08	+	0.03	0.03
ENSG0000(PCDHA4	protein_co	chr5	1.41E+08	1.41E+08	+	0.16	0.18
ENSG0000(PCDHA2	protein_co	chr5	1.41E+08	1.41E+08	+	0.1	0.02
ENSG0000(PCDHA1	protein_co	chr5	1.41E+08	1.41E+08	+	0	0.02

ENSG0000(RP11-807H)	antisense	chr11	72163322	72209241	-	0	0
ENSG0000(TRIM13)	protein_co	chr13	49995888	50020481	+	8.91	8.39
ENSG0000(ERICH4)	protein_co	chr19	41443158	41444765	+	0	0
ENSG0000(MS4A13)	protein_co	chr11	60515413	60542721	+	0	0
ENSG0000(PRSS3P4)	unprocessε	chr9	33613848	33614009	-	0	0
ENSG0000(PRSS1)	protein_co	chr7	1.43E+08	1.43E+08	+	0	0.09
ENSG0000(OR4D8P)	unprocessε	chr11	59491652	59492581	+	0	0
ENSG0000(RP5-842K1)	lincRNA	chr7	1.41E+08	1.41E+08	-	0	0
ENSG0000(SPIRE2)	protein_co	chr16	89818179	89871319	+	0.7	0.95
ENSG0000(AC139712)	processed_	chr2	52570648	52572522	+	0	0
ENSG0000(AARD)	protein_co	chr8	1.17E+08	1.17E+08	+	0.04	0
ENSG0000(LINC02138)	lincRNA	chr16	89166383	89169147	+	0	0
ENSG0000(RP11-830F)	antisense	chr16	88939789	88951524	+	0	0
ENSG0000(PABPN1L)	protein_co	chr16	88863333	88866660	-	0	0
ENSG0000(OR5G5P)	transcribec	chr11	56801856	56820422	-	0	0
ENSG0000(OR5D16)	protein_co	chr11	55838752	55839738	+	0	0
ENSG0000(OR5L2)	protein_co	chr11	55827219	55828154	+	0	0
ENSG0000(RP11-707N)	transcribec	chr11	49558546	49810419	+	0	0
ENSG0000(RP11-863P)	lincRNA	chr16	88088041	88100985	-	0.03	0.05
ENSG0000(PKHD1L1)	protein_co	chr8	1.09E+08	1.1E+08	+	0.01	0.19
ENSG0000(CTC-425O2)	sense_intrε	chr19	40273489	40275479	-	0.2	0.48
ENSG0000(RP11-56P9)	transcribec	chr11	49009959	49015894	-	0	0
ENSG0000(SLFN12L)	protein_co	chr17	35464249	35537861	-	0	0.04
ENSG0000(LINC01121)	processed_	chr2	45164870	45323295	-	0.08	0
ENSG0000(RP11-693J)	lincRNA	chr12	92466451	92492091	+	0	0
ENSG0000(CLLU1OS)	protein_co	chr12	92420094	92428148	-	0	0
ENSG0000(SLC35B4)	protein_co	chr7	1.34E+08	1.34E+08	-	4.2	4.49
ENSG0000(LGALS7)	protein_co	chr19	38770971	38773492	-	0	0
ENSG0000(SYCE1L)	protein_co	chr16	77199397	77213215	+	4.44	1.61
ENSG0000(TMEM231)	protein_co	chr16	75536744	75556286	-	7.25	7.83
ENSG0000(FAM71F2)	protein_co	chr7	1.29E+08	1.29E+08	+	0.29	0.21
ENSG0000(C2orf91)	protein_co	chr2	41935368	41954266	-	0.14	0.05
ENSG0000(CCN12)	protein_co	chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(TMEM240)	protein_co	chr1	1535174	1540453	-	3.87	4.68
ENSG0000(FRG2)	protein_co	chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(HSP90AA4)	transcribec	chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(COX17P1)	processed_	chr13	46490930	46491121	+	0	0
ENSG0000(DKFZp779N)	lincRNA	chr11	45771432	45772358	+	0.21	0.23
ENSG0000(FAM205A)	protein_co	chr9	34723055	34729467	-	0	0
ENSG0000(CDKL4)	protein_co	chr2	39175646	39229588	-	0.22	0.11
ENSG0000(TMEM88B)	protein_co	chr1	1426128	1427787	+	0	0
ENSG0000(ACCSL)	protein_co	chr11	44047981	44059977	+	0	0
ENSG0000(C4orf47)	protein_co	chr4	1.85E+08	1.85E+08	+	1.72	0.87
ENSG0000(TRIQK)	protein_co	chr8	92883530	93017673	-	20.53	16.54
ENSG0000(SDHAF1)	protein_co	chr19	35995199	35996315	+	8.13	8.95

ENSG00000100000	ARID3C	protein_coding	chr9	34621379	34628107	-	0.12	0.18
ENSG00000100000	PSENFEN	protein_coding	chr19	35745114	35747519	+	46.99	44.67
ENSG00000100000	C7orf66	lincRNA	chr7	1.09E+08	1.09E+08	-	0	0
ENSG00000100000	REXO1L1P	transcribed	chr8	85656442	85663497	-	0	0
ENSG00000100000	C11orf91	protein_coding	chr11	33698261	33700801	-	0	0.26
ENSG00000100000	LINC00654	lincRNA	chr20	5496067	5504613	-	1.86	1.88
ENSG00000100000	SLC10A5P1	unprocessed	chr8	81634357	81635662	-	0	0
ENSG00000100000	FABP9	protein_coding	chr8	81458341	81461579	-	0	0
ENSG00000100000	ZBTB10	protein_coding	chr8	80485619	80526265	+	2.31	2.6
ENSG00000100000	C4orf46	protein_coding	chr4	1.59E+08	1.59E+08	-	3.03	3.43
ENSG00000100000	SCGB2B2	protein_coding	chr19	34593329	34675699	-	0.15	0.68
ENSG00000100000	CCDC144N	protein_coding	chr17	20836447	20896140	-	0	0
ENSG00000100000	LGR4	protein_coding	chr11	27365961	27472775	-	36.77	34.72
ENSG00000100000	KRT17P7	transcribed	chr17	20519312	20528687	-	0	0
ENSG00000100000	PSMB10	protein_coding	chr16	67934502	67937087	-	19.78	18.6
ENSG00000100000	VIT	protein_coding	chr2	36696690	36814792	+	2.84	3.48
ENSG00000100000	TLL10-AS1	antisense	chr1	1173056	1179555	-	0.03	0
ENSG00000100000	RP11-514P	protein_coding	chr7	1.03E+08	1.03E+08	-	1.76	0.86
ENSG00000100000	SPDYE2	protein_coding	chr7	1.03E+08	1.03E+08	+	0.05	0
ENSG00000100000	OR7E36P	unprocessed	chr13	41431248	41432201	-	0	0
ENSG00000100000	E2F4	protein_coding	chr16	67192169	67198918	+	16.66	20.35
ENSG00000100000	KRT17P5	transcribed	chr17	18415728	18425097	+	0	0.03
ENSG00000100000	DGAT2L7P	unprocessed	chr7	1.01E+08	1.01E+08	-	0	0
ENSG00000100000	PDE7A	protein_coding	chr8	65717510	65842322	-	8.68	10.01
ENSG00000100000	TMEM170F	protein_coding	chr6	11538278	11583524	+	0.11	0.11
ENSG00000100000	TRBV20OR	TR_V_gene	chr9	33617762	33618506	+	0	0.22
ENSG00000100000	MUC12	protein_coding	chr7	1.01E+08	1.01E+08	+	0.13	0.16
ENSG00000100000	CTXN3	protein_coding	chr5	1.28E+08	1.28E+08	+	0	0
ENSG00000100000	LINC01602	lincRNA	chr8	57978358	57984126	+	0	0
ENSG00000100000	RP11-352D	lincRNA	chr20	4070152	4075165	-	0.1	0
ENSG00000100000	MGAT4D	protein_coding	chr4	1.4E+08	1.4E+08	-	0	0
ENSG00000100000	SNX2	protein_coding	chr5	1.23E+08	1.23E+08	+	42.82	41.23
ENSG00000100000	SAP25	protein_coding	chr7	1.01E+08	1.01E+08	-	0	0.13
ENSG00000100000	NT5M	protein_coding	chr17	17303335	17347663	+	0.94	0.86
ENSG00000100000	KRT17P4	transcribed	chr17	16847635	16852777	-	0	0
ENSG00000100000	GCNT6	processed	chr6	10633762	10634695	+	0	0
ENSG00000100000	SARNP	protein_coding	chr12	55752463	55817756	-	42.31	40.54
ENSG00000100000	AC005863	lincRNA	chr17	14767583	14780203	-	0	0
ENSG00000100000	OR6C68	protein_coding	chr12	55492378	55493316	+	0	0
ENSG00000100000	OR6C65	protein_coding	chr12	55400430	55401505	+	0	0
ENSG00000100000	OR6C3	protein_coding	chr12	55331701	55332636	+	0	0
ENSG00000100000	OR6C1	protein_coding	chr12	55320561	55321624	+	0	0
ENSG00000100000	OR6C72P	unprocessed	chr12	55283750	55284641	+	0	0
ENSG00000100000	GOLGA2P1	processed	chr8	86657388	86660293	-	0	0
ENSG00000100000	LINC01460	lincRNA	chr2	27705786	27715732	-	0.03	0.07

ENSG0000(ADGRG1	protein_co chr16	57610652	57665580	+	1.66	2.03
ENSG0000(IPO7	protein_co chr11	9384622	9448126	+	27.55	33.3
ENSG0000(PRR13	protein_co chr12	53441605	53446645	+	95.99	92.93
ENSG0000(TECPR1	protein_co chr7	98214624	98252251	-	11.56	12.72
ENSG0000(MT1H	protein_co chr16	56669814	56671129	+	0	0
ENSG0000(SLC06A1	protein_co chr5	1.02E+08	1.02E+08	-	0	0
ENSG0000(MT1CP	transcribec chr16	56648248	56649514	+	0	0
ENSG0000(MT1DP	transcribec chr16	56643705	56644786	+	0	1.23
ENSG0000(MT1A	protein_co chr16	56638666	56640087	+	0.65	1.66
ENSG0000(C15orf59	protein_co chr15	73735431	73752747	-	3.12	3.96
ENSG0000(MT1M	protein_co chr16	56632233	56633986	+	0.99	0.67
ENSG0000(LINC00661	processed_chr19	16015287	16027462	+	0	0
ENSG0000(CFI	protein_co chr4	1.1E+08	1.1E+08	-	12.48	13.26
ENSG0000(OR52E6	protein_co chr11	5840928	5841952	-	0	0
ENSG0000(HNRNPA1P	processed_chr3	1.48E+08	1.48E+08	-	0	0
ENSG0000(SAMD9	protein_co chr7	93099513	93118023	-	5.06	4.5
ENSG0000(RP11-401P	antisense chr16	50606076	50613684	-	0	0
ENSG0000(KRT6A	protein_co chr12	52487174	52493257	-	0	0
ENSG0000(CNEP1R1	protein_co chr16	50024410	50037088	+	7.55	6.02
ENSG0000(AL592528.	antisense chr21	45827961	45836419	-	0	0
ENSG0000(KRT81	protein_co chr12	52285913	52291534	-	0.04	0
ENSG0000(SNRPGP6	processed_chr10	1.16E+08	1.16E+08	+	0	0
ENSG0000(EXOC3L4	protein_co chr14	1.03E+08	1.03E+08	+	0.66	0.22
ENSG0000(KRTAP12-3	protein_co chr21	44657932	44658341	+	0	0
ENSG0000(IZUMO3	protein_co chr9	24542952	24545946	-	0	0
ENSG0000(RP4-529N6	lincRNA chr6	4610656	4611304	+	0	0.17
ENSG0000(KRTAP10-2	protein_co chr21	44550357	44551505	-	0	0
ENSG0000(NBPF22P	transcribec chr5	86282460	86296463	+	0	0
ENSG0000(RP11-812E	lincRNA chr16	33972912	33976346	-	0	0
ENSG0000(TP53TG3D	protein_co chr16	32252719	32255922	+	0.88	0.93
ENSG0000(TP53TG3C	protein_co chr16	33193659	33196858	+	0.05	0
ENSG0000(ATP6AP1L	protein_co chr5	82279462	82386977	+	3.07	2.26
ENSG0000(CCDC85C	protein_co chr14	99500180	99604026	-	7.1	5.33
ENSG0000(SPDYE18	unprocessε chr7	77052785	77060512	-	0.33	0
ENSG0000(AC004980.	transcribec chr7	76549360	76627982	+	2.07	1.99
ENSG0000(CALML3-A5	antisense chr10	5514244	5526246	-	0.02	0
ENSG0000(OR52A4P	transcribec chr11	5120621	5124513	-	0	0
ENSG0000(OR52J3	protein_co chr11	5046526	5047461	+	0	0
ENSG0000(OR51A2	protein_co chr11	4954772	4955713	-	0	0
ENSG0000(OR51A4	protein_co chr11	4946159	4947100	-	0	0
ENSG0000(AC013472.	processed_chr2	26984776	27014612	-	0.27	0.26
ENSG0000(C2CD4B	protein_co chr15	62163535	62165283	-	0.33	0.48
ENSG0000(RGL3	protein_co chr19	11384341	11419342	-	0.3	1.51
ENSG0000(NAP1L4	protein_co chr11	2944431	2992377	-	34.49	36.59
ENSG0000(SMG1P2	unprocessε chr16	29527568	29594966	-	0.92	0.82

ENSG0000(RP11-89H1)	antisense	chr12	47882649	47901525	+	0	0
ENSG0000(TMSB4X)	protein_co	chrX	12975108	12977227	+	4466.21	4426.26
ENSG0000(TMEM256)	protein_co	chr17	7402975	7404137	-	55.79	49.49
ENSG0000(C9orf92)	protein_co	chr9	16203935	16276313	-	0.46	0.82
ENSG0000(CHKB-AS1)	antisense	chr22	50583026	50583877	+	1.1	0.54
ENSG0000(CPT1B)	protein_co	chr22	50568861	50578465	-	2.21	3.27
ENSG0000(RP11-497E)	lincRNA	chr14	85524432	85529988	-	0.34	0.52
ENSG0000(SMN2)	protein_co	chr5	70049612	70078522	+	10.8	9.01
ENSG0000(SERF1B)	protein_co	chr5	70025247	70043113	+	14.49	16.09
ENSG0000(POM121B)	unprocessε	chr7	73293497	73301161	+	0.15	0.21
ENSG0000(DYNLL1P1)	processed_	chr14	81246295	81246563	-	0	0
ENSG0000(HMGN1)	protein_co	chr21	39342315	39349647	-	61.66	60.46
ENSG0000(STAG3L1)	transcribec	chr7	75359194	75395383	+	3.1	2.69
ENSG0000(AC005488)	unprocessε	chr7	72969814	72971727	+	0	0
ENSG0000(MUC19)	processed_	chr12	40393395	40570832	+	0.15	0.29
ENSG0000(DENND6B)	protein_co	chr22	50309030	50327060	-	3.72	2.94
ENSG0000(RP5-1132H)	processed_	chr7	66070904	66071318	-	0.2	0
ENSG0000(EIF3CL)	protein_co	chr16	28379579	28403879	-	1.4	5.53
ENSG0000(LINC01597)	lincRNA	chr20	30278906	30288479	-	0.01	0.05
ENSG0000(AF064858)	lincRNA	chr21	38863676	38956467	-	0	0
ENSG0000(RP11-15G8)	processed_	chr6	1.55E+08	1.55E+08	+	0	0
ENSG0000(LINC01446)	lincRNA	chr7	53655509	53811931	-	0	0
ENSG0000(LCMT1)	protein_co	chr16	25111729	25178231	+	17.41	16.68
ENSG0000(LINC01310)	lincRNA	chr22	48866770	48898386	+	0	0
ENSG0000(LINC00898)	lincRNA	chr22	47621043	47631569	-	0	0
ENSG0000(LINC00583)	lincRNA	chr9	13927971	13945610	+	0	0
ENSG0000(MFSD2B)	protein_co	chr2	24010081	24063321	+	0.23	0.56
ENSG0000(VCX3B)	protein_co	chrX	8464830	8466510	+	0	0
ENSG0000(CDPF1)	protein_co	chr22	46244011	46250679	-	4.74	4.9
ENSG0000(CTD-2375G)	processed_	chr5	65415353	65416222	+	0	0
ENSG0000(HTN3)	protein_co	chr4	70028413	70036538	+	0	0
ENSG0000(RP3-416J7)	lincRNA	chr6	203313	206392	+	0	0
ENSG0000(LIN52)	protein_co	chr14	74084796	74201235	+	2.88	2.02
ENSG0000(RP11-706C)	lincRNA	chrX	3929869	3937855	-	0	0
ENSG0000(RP11-706C)	lincRNA	chrX	3891438	3920746	-	0	0.4
ENSG0000(RP11-706C)	lincRNA	chrX	3817528	3843857	-	4.82	8.09
ENSG0000(ARSH)	protein_co	chrX	3006613	3033571	+	0	0
ENSG0000(ACOT6)	protein_co	chr14	73610945	73619888	+	0.06	0
ENSG0000(SMIM11A)	protein_co	chr21	34375480	34407866	+	3.21	5.19
ENSG0000(TECL)	protein_co	chr4	64275257	64409468	-	0	0
ENSG0000(RP11-798L)	lincRNA	chr4	61420246	61428221	-	0.29	0.27
ENSG0000(DPF3)	protein_co	chr14	72619296	72894116	-	0.06	0.88
ENSG0000(MANSC4)	protein_co	chr12	27762738	27771276	-	0	0.13
ENSG0000(RP11-15H7)	processed_	chr6	1.4E+08	1.4E+08	+	0	0
ENSG0000(ADARB2-A)	antisense	chr10	1526637	1556984	+	0	0

ENSG0000(CYP2D7	polymorph	chr22	42140203	42144577	-	0.25	0.25
ENSG0000(LINC00634	transcribec	chr22	41952165	41958933	+	0	0.08
ENSG0000(ETFRF1	protein_co	chr12	25195216	25209645	+	6.66	8.31
ENSG0000(C17orf107	protein_co	chr17	4899418	4902932	+	0.73	0.99
ENSG0000(FAM183DP	processed_	chr2	1.02E+08	1.02E+08	-	0	0
ENSG0000(MBD3L4	protein_co	chr19	7037748	7040179	-	0	0
ENSG0000(ITSN1	protein_co	chr21	33642400	33899861	+	32.25	30.36
ENSG0000(ITPRIPL2	protein_co	chr16	19113932	19121629	+	9.23	10.27
ENSG0000(RP11-363N	processed_	chr10	971146	988341	-	0.27	0.31
ENSG0000(DENND1C	protein_co	chr19	6467207	6482557	-	0	0
ENSG0000(AC083864.	lincRNA	chr7	36079084	36085736	+	0	0
ENSG0000(RP11-1212	transcribec	chr16	18334400	18352476	-	44.61	53.78
ENSG0000(SLCO1B7	protein_co	chr12	21015696	21092745	+	0	0
ENSG0000(CRLF2	protein_co	chrX	1187549	1212750	-	0	0.02
ENSG0000(CRLF2	protein_co	chrY	1187549	1212750	-	0	0.02
ENSG0000(CRYZL1	protein_co	chr21	33589341	33643926	-	18.59	22.71
ENSG0000(RP9P	transcribec	chr7	32916815	32943176	-	4.25	3.99
ENSG0000(C5orf51	protein_co	chr5	41904188	41921636	+	9.35	9.35
ENSG0000(CTD-2302E	processed_	chr14	63567958	63568308	+	0	0
ENSG0000(CATSPER2F	transcribec	chr15	43726918	43747094	-	1.19	1.5
ENSG0000(GAGE1	protein_co	chrX	49589496	49608536	+	0	0
ENSG0000(ARRDC5	protein_co	chr19	4890437	4902867	-	0	0
ENSG0000(LINC01531	lincRNA	chr19	35399511	35419385	+	0	0
ENSG0000(DPP9-AS1	antisense	chr19	4679282	4685948	+	0	0
ENSG0000(LOH12CR2	lincRNA	chr12	12355406	12357067	-	0.74	1.05
ENSG0000(RP11-333E	transcribec	chr4	40042917	40057199	-	0.04	0
ENSG0000(CYS1	protein_co	chr2	10056780	10080944	-	1.41	2.49
ENSG0000(PLPP6	protein_co	chr9	4662315	4665258	+	4	4.09
ENSG0000(KLRC2	protein_co	chr12	10426854	10442300	-	0	0
ENSG0000(KLRC3	protein_co	chr12	10412312	10420595	-	0	0
ENSG0000(TPTE2P6	transcribec	chr13	24408157	24597676	+	0	0.2
ENSG0000(AC024132.	lincRNA	chr4	27207505	27218404	-	0	0
ENSG0000(C16orf96	protein_co	chr16	4556490	4600714	+	0.03	0
ENSG0000(GMNC	protein_co	chr3	1.91E+08	1.91E+08	-	0.02	0
ENSG0000(LINC00487	lincRNA	chr2	6728177	6770311	-	0	0
ENSG0000(TTC23L	protein_co	chr5	34838833	34899456	+	0.06	0.3
ENSG0000(CLEC6A	protein_co	chr12	8455926	8478330	+	0	0
ENSG0000(OR7E91P	unprocessε	chr2	71029028	71029893	+	0	0
ENSG0000(RFPL3S	protein_co	chr22	32359906	32382052	-	0.19	0
ENSG0000(C22orf42	protein_co	chr22	32149006	32159322	-	0	0
ENSG0000(NANOGNB	protein_co	chr12	7765216	7774121	+	0	0
ENSG0000(LRRC72	protein_co	chr7	16526880	16581568	+	0	0
ENSG0000(PCOTH	protein_co	chr13	23888889	23897263	+	1.47	2.28
ENSG0000(C1QTNF9B	protein_co	chr13	23890525	23902655	-	0	0
ENSG0000(KRTAP5-6	protein_co	chr11	1697195	1697755	+	0	0

ENSG0000(FAM99B	antisense	chr11	1683269	1685629	-	0	0
ENSG0000(FAM99A	lincRNA	chr11	1665597	1667856	+	0	0
ENSG0000(KRTAP5-2	protein_co	chr11	1597177	1598294	-	0	0
ENSG0000(KRTAP5-1	protein_co	chr11	1584342	1585283	-	0	0
ENSG0000(RPS3AP47	processed_	chr15	43115702	43116493	-	0	0
ENSG0000(FAM90A2P	unprocessε	chr8	12172761	12175771	-	0.04	0.05
ENSG0000(DEFB134	protein_co	chr8	11993174	11996312	-	0	0
ENSG0000(DEFB135	protein_co	chr8	11982321	11984590	+	0	0
ENSG0000(DEFB136	protein_co	chr8	11973937	11974599	-	0	0
ENSG0000(C1RL-AS1	antisense	chr12	7108052	7122501	+	8.42	6.73
ENSG0000(RP11-473M	antisense	chr16	3032481	3039133	+	0	0
ENSG0000(OR7E136P	unprocessε	chr7	6866658	6867672	-	0	0
ENSG0000(RP11-3B12	processed_	chr7	1.25E+08	1.25E+08	-	0	0
ENSG0000(BHLHA9	protein_co	chr17	1270559	1271460	+	0	0
ENSG0000(ZNF316	protein_co	chr7	6637322	6656432	+	9.46	9.38
ENSG0000(SRRM2-AS:	antisense	chr16	2737076	2752600	-	0.32	0.24
ENSG0000(DAZ4	protein_co	chrY	24833843	24907040	+	0	0
ENSG0000(PDPK2P	transcribec	chr16	2616121	2643296	-	0.11	0.26
ENSG0000(ONECUT3	protein_co	chr19	1752373	1780988	+	0	0
ENSG0000(CEMP1	protein_co	chr16	2530035	2531417	-	0	0
ENSG0000(OLIG2	protein_co	chr21	33025845	33029196	+	0	0
ENSG0000(C21orf62	protein_co	chr21	32793564	32813743	-	0	0
ENSG0000(C21orf62-A	antisense	chr21	32772100	32893735	+	0.52	1.41
ENSG0000(PPP1R12BF	unprocessε	chrY	23379484	23392697	+	0	0
ENSG0000(RNPS1	protein_co	chr16	2253116	2268412	-	41.68	44.95
ENSG0000(HSP90AB2I	transcribec	chr4	13333414	13338657	+	0.05	0
ENSG0000(DAZ2	protein_co	chrY	23219434	23291356	+	0	0
ENSG0000(USP17L6P	unprocessε	chr4	9367874	9369070	+	0	0
ENSG0000(HSP90AA5I	transcribec	chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(RP11-689P	lincRNA	chr4	8482270	8512610	+	0.09	0.13
ENSG0000(AC074389.	lincRNA	chr7	1692810	1694325	-	0	0
ENSG0000(RP11-404K	unprocessε	chr5	7299774	7306592	-	0	0
ENSG0000(NYNRIN	protein_co	chr14	24398786	24419288	+	9.14	11.65
ENSG0000(DNAJC19	protein_co	chr3	1.81E+08	1.81E+08	-	15.09	14.15
ENSG0000(DEFB109	unprocessε	chr8	7990415	7997521	-	0	0
ENSG0000(IFITM5	protein_co	chr11	298200	299526	-	0	0
ENSG0000(OR7E161P	unprocessε	chr8	11928597	11929563	-	0	0
ENSG0000(SMIM21	protein_co	chr18	75409476	75427703	-	0	0
ENSG0000(CTA-373H7	lincRNA	chr22	26667693	26672654	-	0.06	0
ENSG0000(DEFB109P1	unprocessε	chr8	7312846	7319951	+	0	0
ENSG0000(DEFA7P	unprocessε	chr8	7038571	7039439	-	0	0
ENSG0000(C18orf63	protein_co	chr18	74315813	74359187	+	0	0
ENSG0000(DEFA1	protein_co	chr8	6977649	6980080	-	0	0
ENSG0000(DOK6	protein_co	chr18	69401055	69849087	+	0	0.02
ENSG0000(HN1L	protein_co	chr16	1678256	1702280	+	15.89	13.93

ENSG00000101314	RP13-212L1	lincRNA	chrX	91307781	91308878	+	0	0
ENSG00000101315	IGLL3P	unprocessed	chr22	25318256	25320080	+	0	0
ENSG00000101316	TMEM211	protein_coding	chr22	24934954	24946695	-	0	0
ENSG00000101317	SERPINB11	protein_coding	chr18	63647579	63726432	+	0	0
ENSG00000101318	SERPINB4	protein_coding	chr18	63637259	63644298	-	0	0.04
ENSG00000101319	SERPINB5	protein_coding	chr18	63476761	63505085	+	0	0
ENSG00000101320	ZDHHC11B	protein_coding	chr5	710360	766952	-	0.02	0.03
ENSG00000101321	AP000350	unprocessed	chr22	23939998	23942798	+	0	0
ENSG00000101322	KRTAP19-8	protein_coding	chr21	31038159	31038476	-	0	0
ENSG00000101323	KRTAP20-3	protein_coding	chr21	30642864	30643136	+	0	0
ENSG00000101324	KRTAP20-4	protein_coding	chr21	30620627	30620850	+	0	0
ENSG00000101325	KRTAP22-2	protein_coding	chr21	30590105	30590397	-	0	0
ENSG00000101326	KRTAP27-1	protein_coding	chr21	30337013	30337694	-	0	0
ENSG00000101327	CFAP99	protein_coding	chr4	2418974	2462942	+	0.09	0.17
ENSG00000101328	EGFEM1P	transcribed	chr3	1.68E+08	1.69E+08	+	0.05	0.1
ENSG00000101329	GOLGA80	protein_coding	chr15	32445106	32455634	-	1.39	2.05
ENSG00000101330	CTD-2008L	lincRNA	chr18	56003613	56191262	-	0	0
ENSG00000101331	TMEM191	protein_coding	chr22	21466423	21471269	+	2.61	2.73
ENSG00000101332	KB-1183D5	lincRNA	chr22	21300990	21325042	-	0	0
ENSG00000101333	RP11-400K	processed	chr8	53537060	53540300	+	0	0
ENSG00000101334	P2RX6P	transcribed	chr22	21035243	21045017	-	0.4	0.18
ENSG00000101335	RPL23AP57	processed	chr9	6639139	6639604	+	0	0.73
ENSG00000101336	HERC2P9	transcribed	chr15	28589492	28685264	+	9.48	9.24
ENSG00000101337	RNASE13	protein_coding	chr14	21032820	21034785	-	0	0
ENSG00000101338	GYG2P1	transcribed	chrY	12354416	12420456	-	2.78	0
ENSG00000101339	Z69890.1	processed	chr16	231134	231472	+	0	0.93
ENSG00000101340	HBA1	protein_coding	chr16	176680	177522	+	0.24	0.16
ENSG00000101341	HBM	protein_coding	chr16	153892	166768	+	0	0
ENSG00000101342	HBZP1	unprocessed	chr16	163122	165156	+	0	0
ENSG00000101343	ELOA2	protein_coding	chr18	47032572	47035621	-	0	0
ENSG00000101344	RP11-1084	lincRNA	chr15	25902360	26053120	+	0	0
ENSG00000101345	ATP10A	protein_coding	chr15	25677273	25865172	-	0.38	0.23
ENSG00000101346	ANKRD20A	unprocessed	chr13	18816718	18871967	-	0	0
ENSG00000101347	DUXAP8	processed	chr22	15784959	15829984	+	0.7	0.87
ENSG00000101348	ANKUB1	protein_coding	chr3	1.5E+08	1.5E+08	-	0.02	0
ENSG00000101349	TSSK2	protein_coding	chr22	19130808	19132623	+	0	0
ENSG00000101350	HNRNPA1P	processed	chr8	82291624	82292379	-	0	0
ENSG00000101351	CTD-2308N	antisense	chr20	38288331	38326536	-	0	0
ENSG00000101352	PRR23A	protein_coding	chr3	1.39E+08	1.39E+08	-	0	0
ENSG00000101353	FOXL2NB	protein_coding	chr3	1.39E+08	1.39E+08	+	0.17	0.03
ENSG00000101354	HCP5	sense_intronic	chr6	31400702	31477506	+	1.33	1.04
ENSG00000101355	HLA-H	unprocessed	chr6	29887752	29890482	+	6.53	5.66
ENSG00000101356	HCG27	lincRNA	chr6	31197760	31203968	+	0.56	0.92
ENSG00000101357	RP11-9301	processed	chr5	99522311	99525462	-	0	0
ENSG00000101358	COL6A6	protein_coding	chr3	1.31E+08	1.31E+08	+	0.02	0.01

ENSG0000(H1FX-AS1	antisense	chr3	1.29E+08	1.29E+08	+	2.23	2.82
ENSG0000(RAB12	protein_co	chr18	8609445	8639381	+	12.91	14.4
ENSG0000(LRRC30	protein_co	chr18	7231125	7232047	+	0	0
ENSG0000(TMEM200	protein_co	chr18	5882072	5895955	-	0.03	0.06
ENSG0000(PPIAP30	processed_	chr10	15154802	15155320	-	0	0
ENSG0000(OR10C1	protein_co	chr6	29439306	29440977	+	0	0
ENSG0000(TXNRD3NB	protein_co	chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(HLA-A	protein_co	chr6	29941260	29945884	+	602.23	589.43
ENSG0000(HACD2	protein_co	chr3	1.23E+08	1.24E+08	-	7.94	10.01
ENSG0000(CFAP44	protein_co	chr3	1.13E+08	1.13E+08	-	4.29	4.54
ENSG0000(CD200R1L	protein_co	chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-553A	lincRNA	chr3	1.11E+08	1.11E+08	-	0.7	0.43
ENSG0000(LNP1	protein_co	chr3	1E+08	1E+08	+	1.67	1.41
ENSG0000(OR5K3	protein_co	chr3	98390666	98391631	+	0	0
ENSG0000(VGLL3	protein_co	chr3	86876388	86991119	-	7.41	5.06
ENSG0000(PRSS50	protein_co	chr3	46712115	46812574	-	0	0
ENSG0000(KRBOX1-AS	antisense	chr3	42934252	42936785	-	0	0
ENSG0000(TRIM71	protein_co	chr3	32818018	32897826	+	0	0
ENSG0000(ZCWPW2	protein_co	chr3	28349146	28538122	+	0.51	0.44
ENSG0000(ANKRD28	protein_co	chr3	15667236	15859771	-	15.6	16.2
ENSG0000(COLQ	protein_co	chr3	15450133	15521751	-	1.04	0.82
ENSG0000(METTL6	protein_co	chr3	15381275	15440566	-	8.68	9.04
ENSG0000(AC022007.	lincRNA	chr3	10006418	10011209	-	3.13	2.43
ENSG0000(THUMPD3-	antisense	chr3	9349689	9398579	-	15.92	15.36
ENSG0000(XKR4	protein_co	chr8	55102389	55542054	+	0	0.04
ENSG0000(Y_RNA	misc_RNA	chr20	34526510	34526606	-	0	0
ENSG0000(RNU6-1292	snRNA	chr11	85509938	85510044	+	0	0
ENSG0000(RNVU1-7	snRNA	chr1	1.48E+08	1.48E+08	-	1.72	1.68
ENSG0000(RNU6-46P	snRNA	chr11	67895631	67895737	+	0	0
ENSG0000(RNU1-28P	snRNA	chr14	34556226	34556389	-	1.72	1.68
ENSG0000(RNU6-354F	snRNA	chr15	43734179	43734285	-	0	0
ENSG0000(RNU6-132F	snRNA	chr15	89714232	89714338	+	0	0
ENSG0000(SNORA18	snoRNA	chr5	79220942	79221073	+	0	0
ENSG0000(RNU6-47P	snRNA	chr5	1.09E+08	1.09E+08	-	0	0
ENSG0000(RNU6-877F	snRNA	chr1	51382308	51382414	+	0	0
ENSG0000(RNU1-27P	snRNA	chr14	34546714	34546877	+	1.72	1.68
ENSG0000(SNORA57	snoRNA	chr11	62665422	62665570	+	0.97	2.1
ENSG0000(RNU6-128f	snRNA	chr6	1.21E+08	1.21E+08	+	0	0
ENSG0000(RNU6-841F	snRNA	chr19	49764524	49764630	-	0	0
ENSG0000(RNU6-25P	snRNA	chr3	1.95E+08	1.95E+08	+	0	1.24
ENSG0000(RNU6-431F	snRNA	chr4	1.09E+08	1.09E+08	+	0	0
ENSG0000(SNORD58A	snoRNA	chr18	49491283	49491347	-	0	0
ENSG0000(SNORA22	snoRNA	chr7	56055365	56055502	+	0	0
ENSG0000(RNU6-425F	snRNA	chr3	1.42E+08	1.42E+08	+	0	0
ENSG0000(RNU6-946F	snRNA	chr10	26790540	26790646	-	0	0

ENSG0000(RNU6-129) snRNA	chr5	51167541	51167647	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25075929	25076020	+	0	0
ENSG0000(SNORD24) snoRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(SNORA2A) snoRNA	chr12	48656648	48656782	-	0	0
ENSG0000(RNU6-133) snRNA	chr4	1.69E+08	1.69E+08	-	0	0
ENSG0000(RNU6-477) snRNA	chr5	1.7E+08	1.7E+08	+	0	0
ENSG0000(RNU6-338) snRNA	chr22	31388733	31388837	-	0	0
ENSG0000(RNU6-741) snRNA	chr15	23777437	23777543	-	0	0
ENSG0000(RNY1P5) misc_RNA	chr13	74289100	74289214	-	0	0
ENSG0000(RNU6-126) snRNA	chr17	6207163	6207269	+	0	0
ENSG0000(SNORD45C) snoRNA	chr1	75787072	75787150	+	0	0
ENSG0000(SNORD116) snoRNA	chr15	25080142	25080233	+	0	0
ENSG0000(SNORA69) snoRNA	chrX	1.2E+08	1.2E+08	-	0	0
ENSG0000(RNU6-979) snRNA	chr7	28118113	28118219	-	0	0
ENSG0000(RNU1-39P) snRNA	chr5	1.79E+08	1.79E+08	+	1.21	0
ENSG0000(RNU6-1) snRNA	chr15	67839939	67840045	-	0	1.24
ENSG0000(RNU6-969) snRNA	chr1	52805108	52805212	-	0	0
ENSG0000(RNU1-63P) snRNA	chr4	67429591	67429754	-	0	0
ENSG0000(SNORD60) snoRNA	chr16	2155023	2155105	-	0	0
ENSG0000(RNU6-657) snRNA	chr10	94155639	94155745	-	0	0
ENSG0000(SNORA80B) snoRNA	chr2	10446714	10446849	-	0	0
ENSG0000(SNORA22) snoRNA	chr7	65755526	65755659	+	0	0
ENSG0000(RNU6-106) snRNA	chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	7976259	7976360	+	0	0
ENSG0000(SNORA70) snoRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNU6-672) snRNA	chr11	72869544	72869650	-	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	21872707	21872808	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(RNU6-449) snRNA	chr15	53764204	53764310	+	0	0
ENSG0000(RNU6-127) snRNA	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	37093133	37093234	-	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	68361075	68361187	+	0	0
ENSG0000(SNORA2) snoRNA	chr2	10155072	10155206	-	0	0
ENSG0000(SNORA20) snoRNA	chr8	80316939	80317069	-	0	0
ENSG0000(SNORA70G) snoRNA	chr12	68627234	68627375	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(RNU1-1) snRNA	chr1	16514122	16514285	-	1.72	1.68
ENSG0000(RNU6-608) snRNA	chr1	39120940	39121043	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25083588	25083679	+	0	0
ENSG0000(RNU6-103) snRNA	chr9	1.1E+08	1.1E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr10	32056746	32056839	+	0	0
ENSG0000(SNORA70) snoRNA	chr8	5128279	5128412	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	17710934	17711046	+	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	19985058	19985159	-	0	0

ENSG0000(RNU6-573F)	snRNA	chr4	35495898	35496003	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr19	36858227	36858329	-	0	0
ENSG0000(RNU6-471F)	snRNA	chr6	27596412	27596517	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	67625356	67625464	+	0	0
ENSG0000(RNU6-945F)	snRNA	chr19	40299478	40299584	-	0	0
ENSG0000(RNU6-32P)	snRNA	chr4	39297605	39297711	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	37050828	37050930	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	40492844	40492941	+	0	0
ENSG0000(RNU6-144F)	snRNA	chr8	1.37E+08	1.37E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	95125511	95125609	-	0	0
ENSG0000(SNORD21)	snoRNA	chr1	92837289	92837383	+	0	0
ENSG0000(RNU6-730F)	snRNA	chr6	1.66E+08	1.66E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	31505684	31505788	+	0	0
ENSG0000(RNU6-157F)	snRNA	chr1	1.72E+08	1.72E+08	+	0	0
ENSG0000(RNU6-118F)	snRNA	chrX	47087506	47087612	+	0	0
ENSG0000(RNU6-103F)	snRNA	chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RNU1-109F)	snRNA	chr18	797989	798135	-	0	0
ENSG0000(SNORD116)	snoRNA	chr15	25085385	25085476	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	88099995	88100105	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(SNORA56)	snoRNA	chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU6-442F)	snRNA	chr8	1.26E+08	1.26E+08	+	0	0
ENSG0000(RNY1P8)	misc_RNA	chr13	73227147	73227260	+	0	0
ENSG0000(RNU1-73P)	snRNA	chr5	97175950	97176113	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	99527826	99527927	+	0	0
ENSG0000(RNU6-723F)	snRNA	chr1	48344209	48344315	+	0	0
ENSG0000(RNU6-104F)	snRNA	chr8	84665759	84665865	-	0	0
ENSG0000(RNU1-11P)	snRNA	chr6	13214056	13214219	+	0	0
ENSG0000(RNU6-128F)	snRNA	chr4	1.59E+08	1.59E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	28985710	28985810	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1.36E+08	1.36E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr16	16314112	16314211	-	0	7.6
ENSG0000(RNU6-122F)	snRNA	chr3	39025987	39026093	+	0	0
ENSG0000(RNU6-108F)	snRNA	chr7	73339094	73339200	-	0	0
ENSG0000(RNU6-147F)	snRNA	chr20	49972106	49972212	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.66E+08	1.66E+08	-	0	0
ENSG0000(RNU6-26P)	snRNA	chr3	98804978	98805084	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	75089862	75089974	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	78317036	78317137	+	0	0
ENSG0000(RNU6-444F)	snRNA	chr6	87488445	87488552	+	0	0
ENSG0000(RNU6-133F)	snRNA	chrX	21214637	21214743	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	34821445	34821542	+	0	0
ENSG0000(RNU6-546F)	snRNA	chr2	1.55E+08	1.55E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	1.14E+08	1.14E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.2E+08	1.2E+08	+	0	0

ENSG0000(RNU6-1074	snRNA	chr4	1.39E+08	1.39E+08	-	0	0
ENSG0000(RNU6-1056	snRNA	chrX	48724455	48724561	-	0	0
ENSG0000(RNU6-756F	snRNA	chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(RNU6-1027	snRNA	chr2	2.3E+08	2.3E+08	+	0	0
ENSG0000(RNU6-259F	snRNA	chr2	1.25E+08	1.25E+08	+	0	0
ENSG0000(SNORD116	snoRNA	chr15	25073107	25073201	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	23273807	23273910	+	0	0
ENSG0000(RNU6-1126	snRNA	chr7	55789368	55789474	+	0	0
ENSG0000(RNU6-468F	snRNA	chr17	17578631	17578739	+	0	0
ENSG0000(SNORA36	snoRNA	chr2	27642043	27642169	-	0	0
ENSG0000(RNU6-936F	snRNA	chr2	24676309	24676415	+	0	0
ENSG0000(RNU6-641F	snRNA	chrX	36021939	36022045	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	47557413	47557514	+	0	0
ENSG0000(RNVU1-18	snRNA	chr1	1.44E+08	1.44E+08	-	1.72	1.68
ENSG0000(Y_RNA	misc_RNA	chr4	2615124	2615224	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr22	19045256	19045367	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RNU6-484F	snRNA	chr5	37700331	37700437	-	0	0
ENSG0000(RNU6-620F	snRNA	chr5	83703448	83703543	+	0	0
ENSG0000(RNU6-643F	snRNA	chr6	41302466	41302572	-	0	0
ENSG0000(RNU6-142F	snRNA	chr18	62731226	62731332	-	0	0
ENSG0000(RNU6-245F	snRNA	chrX	68539443	68539549	-	0	0
ENSG0000(RNU6-1083	snRNA	chr12	57806154	57806260	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	72853224	72853331	-	0	0
ENSG0000(RNU6-1323	snRNA	chrX	1.17E+08	1.17E+08	-	0	0
ENSG0000(SNORD101	snoRNA	chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(SNORA30	snoRNA	chr16	30710537	30710665	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	74551392	74551493	+	0	0
ENSG0000(RNU6-317F	snRNA	chr19	48793152	48793258	-	0	0
ENSG0000(RNU6-787F	snRNA	chr3	66293114	66293220	-	0	0
ENSG0000(SNORA6	snoRNA	chr3	39408389	39408539	+	0	0
ENSG0000(RNU6-418F	snRNA	chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(RNU6-10P	snRNA	chr7	92701708	92701814	-	0	0
ENSG0000(RNU6-152F	snRNA	chr1	1.82E+08	1.82E+08	+	0	0
ENSG0000(RNU6-203F	snRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG0000(RNU6-435F	snRNA	chr18	24218300	24218404	+	0	0
ENSG0000(RNU6-949F	snRNA	chr1	27675603	27675709	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	69143852	69143953	-	0	0
ENSG0000(RNU6-116F	snRNA	chr18	61391595	61391703	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	72768702	72768811	+	0	0
ENSG0000(RNU6-44P	snRNA	chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNU6-211F	snRNA	chr5	80365726	80365832	-	0	0
ENSG0000(SNORD37	snoRNA	chr19	3982507	3982572	-	0	0
ENSG0000(SNORA32	snoRNA	chr8	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNU6-637F	snRNA	chr3	1.7E+08	1.7E+08	-	0	0

ENSG0000(RNU6-213F)	snRNA	chr16	15877163	15877266	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	28422555	28422655	-	0	0
ENSG0000(SNORA75)	snoRNA	chr4	17320746	17320882	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	64445130	64445243	-	0	0
ENSG0000(RNU6-224F)	snRNA	chr4	1.31E+08	1.31E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	37322259	37322371	+	0	0
ENSG0000(SNORA15)	snoRNA	chr7	65760052	65760186	+	0	0
ENSG0000(RNU6-701F)	snRNA	chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNU6-76P)	snRNA	chr13	18880054	18880157	+	0	0
ENSG0000(RNU6-629F)	snRNA	chr2	1.78E+08	1.78E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	1E+08	1E+08	-	0	0
ENSG0000(RNU1-129F)	snRNA	chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	12054824	12054926	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	12149126	12149238	+	0	0
ENSG0000(RNU6-811F)	snRNA	chr10	37135237	37135343	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	450663	450762	+	0	0
ENSG0000(SNORA32)	snoRNA	chr11	93730979	93731099	-	0	2.34
ENSG0000(RNY3P7)	misc_RNA	chr13	77623372	77623472	+	0	0
ENSG0000(RNU6-639F)	snRNA	chr20	43796437	43796543	-	0	0
ENSG0000(RNU6-926F)	snRNA	chr21	26190707	26190813	+	0	0
ENSG0000(RNU6-968F)	snRNA	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(RNU6-129G)	snRNA	chr9	64880369	64880475	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	48479097	48479198	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	40351564	40351672	+	0	0
ENSG0000(RNU6-815F)	snRNA	chr3	20507644	20507756	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	33171381	33171490	-	0	0
ENSG0000(SNORA10)	snoRNA	chr16	1962334	1962466	-	0	0
ENSG0000(RNU6-38P)	snRNA	chr13	75109587	75109693	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	41747312	41747413	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	17117576	17117686	-	0	0
ENSG0000(RNU6-483F)	snRNA	chr3	57548838	57548945	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr11	77691650	77691751	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	91261625	91261724	+	0	0
ENSG0000(RNU6-849F)	snRNA	chr7	79912104	79912208	-	0	0
ENSG0000(RNU6-260F)	snRNA	chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(RNU1-138F)	snRNA	chr4	1.13E+08	1.13E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	63621760	63621871	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	50386145	50386246	-	0	0
ENSG0000(RNU6-974F)	snRNA	chrX	82001220	82001327	-	0	0
ENSG0000(RNU6-103G)	snRNA	chr18	22647582	22647688	+	0	0
ENSG0000(U1)	snRNA	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000(RNU6V)	snRNA	chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNU6-20P)	snRNA	chr16	57830536	57830642	-	0	0
ENSG0000(SNORA1)	snoRNA	chr11	93732004	93732133	-	0	0
ENSG0000(RNU1-74P)	snRNA	chr1	2.33E+08	2.33E+08	-	0	0

ENSG0000(RNU6-102) snRNA	chr2	1.97E+08	1.97E+08	+	0	0
ENSG0000(SNORA5A) snoRNA	chr7	45104349	45104482	-	0	0
ENSG0000(RNU6-746) snRNA	chr4	55294490	55294598	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr10	37994863	37994975	+	0	0
ENSG0000(RNU6-409) snRNA	chr22	50691260	50691363	-	0	0
ENSG0000(RNU6-413) snRNA	chr10	22787393	22787499	+	0	0
ENSG0000(RNU6-206) snRNA	chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	9874601	9874701	-	0	0
ENSG0000(RNU6-209) snRNA	chr5	1.65E+08	1.65E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr15	30673750	30673843	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr11	1.29E+08	1.29E+08	+	0	0
ENSG0000(RNU6-890) snRNA	chr6	42664162	42664268	+	0	0
ENSG0000(SNORA18) snoRNA	chr15	31928303	31928434	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RNU6-895) snRNA	chr8	41298163	41298265	+	0	0
ENSG0000(SNORA51) snoRNA	chr8	59137372	59137502	-	0	0
ENSG0000(RNY3P5) misc_RNA	chr13	60789560	60789661	+	0	0
ENSG0000(RNU6-571) snRNA	chr10	68911653	68911759	-	0	0
ENSG0000(RNU6-214) snRNA	chr6	1.21E+08	1.21E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr11	10725903	10726004	+	0	0
ENSG0000(RNU6-767) snRNA	chr17	17170083	17170189	+	0	0
ENSG0000(Y_RNA) misc_RNA	chrX	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU5A-6P) snRNA	chr18	24124170	24124285	-	0	0
ENSG0000(RNU6-207) snRNA	chrX	1.06E+08	1.06E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr18	56753226	56753326	-	0	0
ENSG0000(RNU6-187) snRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RNU6-356) snRNA	chr8	41032892	41032998	+	0	0
ENSG0000(SNORA70F) snoRNA	chr2	1.65E+08	1.65E+08	-	0	0
ENSG0000(RNU6-398) snRNA	chr14	60974327	60974435	+	0	0
ENSG0000(RNU6-533) snRNA	chr8	36309584	36309690	-	0	0
ENSG0000(RNU6-761) snRNA	chr6	42018408	42018514	-	0	0
ENSG0000(RNU6-110) snRNA	chr7	24537332	24537438	+	0	0
ENSG0000(SNORA51) snoRNA	chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(RNU6-131) snRNA	chr1	1.68E+08	1.68E+08	-	0	0
ENSG0000(RNU6-190) snRNA	chr6	17619533	17619634	+	0	0
ENSG0000(RNA5SP87) rRNA	chr2	22338886	22339003	-	0	0
ENSG0000(SNORA75) snoRNA	chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(SNORA70) snoRNA	chr6	81764024	81764156	+	0	0
ENSG0000(RNU6-100) snRNA	chr1	2.24E+08	2.24E+08	+	0	0
ENSG0000(RNU6-48P) snRNA	chr1	27325219	27325325	+	0	1.24
ENSG0000(RNU6-120) snRNA	chr3	1.18E+08	1.18E+08	+	0	0
ENSG0000(RNU6-217) snRNA	chr3	77811741	77811844	-	0	0
ENSG0000(RNU6-42P) snRNA	chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr7	4811188	4811289	-	0	0
ENSG0000(RNU6-112) snRNA	chrX	42174279	42174385	-	0	0

ENSG0000(SNORA9	snoRNA	chr12	1.24E+08	1.24E+08	+	0	0
ENSG0000(SNORA51	snoRNA	chr2	10296047	10296180	-	0	0
ENSG0000(RNU6-36P	snRNA	chr12	97721716	97721822	+	0	1.24
ENSG0000(RNU6-98P	snRNA	chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(SNORA72	snoRNA	chr2	1.4E+08	1.4E+08	+	0	0
ENSG0000(SNORA24	snoRNA	chr15	65285461	65285591	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.81E+08	1.81E+08	-	0	0
ENSG0000(RNU6-458F	snRNA	chr14	18343038	18343144	+	0	0
ENSG0000(RNU6-1013	snRNA	chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU1-136F	snRNA	chr6	53219261	53219424	+	0	0
ENSG0000(SNORA70	snoRNA	chr5	1.71E+08	1.71E+08	+	0	0
ENSG0000(SNORA29	snoRNA	chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	93827622	93827734	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	23299155	23299262	+	0	0
ENSG0000(SNORA7	snoRNA	chr11	74252414	74252552	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	1.23E+08	1.23E+08	+	0	0
ENSG0000(RNU6-439F	snRNA	chr2	49233794	49233899	-	0	0
ENSG0000(RNU1-52P	snRNA	chr17	58677574	58677737	-	0	0
ENSG0000(RNU6-1181	snRNA	chr3	57512450	57512555	+	0	0
ENSG0000(RNY1P6	misc_RNA	chr13	51586424	51586532	-	0	0
ENSG0000(RNU6-481F	snRNA	chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(RNU6-80P	snRNA	chr13	72706017	72706123	-	0	0
ENSG0000(RNU6-432F	snRNA	chr9	1.11E+08	1.11E+08	+	0	0
ENSG0000(RNU6-689F	snRNA	chr14	75020761	75020867	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	40342329	40342441	+	0	0
ENSG0000(RNU6-1024	snRNA	chr3	15433110	15433216	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	18397937	18398036	+	0	7.6
ENSG0000(Y_RNA	misc_RNA	chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-1042	snRNA	chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNU6-4P	snRNA	chr3	1.81E+08	1.81E+08	+	0	1.24
ENSG0000(RNU6-514F	snRNA	chr1	23162704	23162810	+	0	0
ENSG0000(RNU4-52P	snRNA	chrX	49082028	49082165	+	0	0
ENSG0000(SNORA70B	snoRNA	chr2	61417244	61417378	-	0	0
ENSG0000(RNU4-31P	snRNA	chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(RNU6-281F	snRNA	chr3	70808350	70808452	+	0	0
ENSG0000(SNORD15A	snoRNA	chr11	75400391	75400538	+	0	0
ENSG0000(RNU6-708F	snRNA	chr18	48169784	48169890	-	0	0
ENSG0000(SNORA20	snoRNA	chr7	39329003	39329134	-	0	0
ENSG0000(SNORA36A	snoRNA	chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU6-1324	snRNA	chr8	66501205	66501311	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	14332555	14332663	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	32945339	32945451	-	0	0
ENSG0000(SNORA50A	snoRNA	chr16	58559796	58559929	-	0	0
ENSG0000(RNU6-1201	snRNA	chr17	48088678	48088784	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	44697333	44697430	-	0	0

ENSG0000(SNORA70	snoRNA	chr5	88382772	88382907	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr20	53544615	53544725	+	0	0
ENSG0000(RNU6-793F	snRNA	chr6	14646535	14646638	+	0	0
ENSG0000(SNORA51	snoRNA	chr2	1.7E+08	1.7E+08	+	0	0
ENSG0000(RNU6-74P	snRNA	chr13	41905118	41905224	+	0	0
ENSG0000(RNU6-675F	snRNA	chr2	1.27E+08	1.27E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	55286018	55286128	+	0	0
ENSG0000(RNU6-5P	snRNA	chr2	1.75E+08	1.75E+08	-	0	1.24
ENSG0000(Y_RNA	misc_RNA	chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(RNU6-131f	snRNA	chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RNU6-474F	snRNA	chr2	2.04E+08	2.04E+08	+	0	0
ENSG0000(RNU6-17P	snRNA	chr15	30254402	30254508	-	0	0
ENSG0000(RNU6-114f	snRNA	chr2	61605616	61605722	+	0	0
ENSG0000(RNU6-114f	snRNA	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU6-13P	snRNA	chr8	56917084	56917190	+	0	0
ENSG0000(SNORA7	snoRNA	chr11	3922567	3922703	+	0	0
ENSG0000(SNORA8	snoRNA	chr6	41832854	41832993	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1.59E+08	1.59E+08	-	0	0
ENSG0000(SNORD61	snoRNA	chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(RNU6-662F	snRNA	chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNU6-40P	snRNA	chr1	31497577	31497683	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	1.29E+08	1.29E+08	+	0	0
ENSG0000(RNU6-49P	snRNA	chrX	37870109	37870215	+	0	0
ENSG0000(RNU6-198F	snRNA	chr2	39082589	39082692	+	0	0
ENSG0000(U8	snoRNA	chr15	32426288	32426420	-	0	0
ENSG0000(SNORD63	snoRNA	chr5	1.39E+08	1.39E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.66E+08	1.66E+08	-	8.75	0
ENSG0000(RNU6-610F	snRNA	chr15	43637632	43637738	-	0	0
ENSG0000(RNU6-574F	snRNA	chr12	51987657	51987763	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	52162751	52162852	+	0	0
ENSG0000(RNU6-842F	snRNA	chr8	13044350	13044456	+	0	0
ENSG0000(RNU6-524F	snRNA	chr5	96210121	96210227	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr20	43451159	43451260	-	0	0
ENSG0000(RNU6-622F	snRNA	chr1	75183045	75183147	+	0	0
ENSG0000(RNU6-820F	snRNA	chr9	68935873	68935979	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25054210	25054304	+	0	0
ENSG0000(SNORA5	snoRNA	chr3	1.24E+08	1.24E+08	+	0	0
ENSG0000(RNU6-611F	snRNA	chr19	45047458	45047561	+	0	0
ENSG0000(RNU6-301F	snRNA	chr14	51724103	51724209	+	0	0
ENSG0000(RNU1-2	snRNA	chr1	16895980	16896143	+	1.72	1.68
ENSG0000(RNU6-891F	snRNA	chr4	70852130	70852240	+	0	0
ENSG0000(SNORA54	snoRNA	chr11	2963771	2963893	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1683420	1683529	-	0	0
ENSG0000(RNU6-318F	snRNA	chr12	12289227	12289329	-	0	0
ENSG0000(RNY4P13	misc_RNA	chr17	30059052	30059147	-	0	0

ENSG0000(RNU6-72P	snRNA	chr11	72047873	72047951	-	0	0
ENSG0000(RNU6-804F	snRNA	chr5	86663144	86663250	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25056860	25056954	+	0	0
ENSG0000(SNORA36C	snoRNA	chr2	69520043	69520174	-	0	0
ENSG0000(RNU6-167F	snRNA	chr18	31345362	31345467	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	81573490	81573602	+	0	0
ENSG0000(SNORA51	snoRNA	chr1	92846059	92846182	+	0	0
ENSG0000(RNU6-975F	snRNA	chr6	73464073	73464177	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	64296037	64296138	+	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	18395994	18396095	-	0	0
ENSG0000(RNU6-472F	snRNA	chr12	33923374	33923480	-	0	0
ENSG0000(SNORA67	snoRNA	chr8	23806229	23806377	-	0	0
ENSG0000(RNU6-43P	snRNA	chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000(SNORD59A	snoRNA	chr12	56645027	56645101	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	34389943	34390051	-	0	0
ENSG0000(RNU6-154F	snRNA	chrX	1.16E+08	1.16E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	2778941	2779057	+	0	0
ENSG0000(RNY3P14	misc_RNA	chr8	70357347	70357448	+	0	0
ENSG0000(RNU6-339F	snRNA	chr15	84938416	84938522	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(RNU6-3P	snRNA	chrX	1.41E+08	1.41E+08	-	0	1.24
ENSG0000(RNU6-196F	snRNA	chr16	21642294	21642400	+	0	0
ENSG0000(RNU6-122E	snRNA	chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNU6-532F	snRNA	chr7	96330638	96330744	+	0	0
ENSG0000(RNU6-886F	snRNA	chr14	37434469	37434573	-	0	0
ENSG0000(SNORD51	snoRNA	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	2.36E+08	2.36E+08	-	0	0
ENSG0000(SNORA27	snoRNA	chr13	27255401	27255526	+	0	0
ENSG0000(RNU6-378F	snRNA	chr5	32309662	32309768	+	0	0
ENSG0000(RNU6-937F	snRNA	chr20	35928570	35928675	-	0	0
ENSG0000(RNU1-8P	snRNA	chr1	7219360	7219524	+	0	0
ENSG0000(RNU6-784F	snRNA	chr4	70703018	70703123	-	0	0
ENSG0000(RNU6-480F	snRNA	chr5	51055353	51055459	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	1.56E+08	1.56E+08	-	0	0
ENSG0000(SNORA15	snoRNA	chr7	65070538	65070672	+	0	0
ENSG0000(SNORD116	snoRNA	chr15	25051477	25051571	+	0	0
ENSG0000(RNU5A-2P	snRNA	chr4	81334303	81334418	+	0	0
ENSG0000(SNORA72	snoRNA	chr8	98042086	98042217	-	0	0
ENSG0000(RNU6-463F	snRNA	chr10	1.06E+08	1.06E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	25008845	25008946	-	0	0
ENSG0000(RNU6-120I	snRNA	chr10	45188790	45188896	-	0	0
ENSG0000(RNU6-39P	snRNA	chr18	68858934	68859040	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	49566672	49566772	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	37699895	37700002	-	0	0

ENSG0000(RNU6-111) snRNA	chr6	43474186	43474292	+	0	0
ENSG0000(RNU6-111) snRNA	chr5	1E+08	1E+08	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr1	1.84E+08	1.84E+08	+	0	0
ENSG0000(RNU6-616) snRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(RNU6-171) snRNA	chr1	1.65E+08	1.65E+08	+	0	0
ENSG0000(RNU6-22) snRNA	chr16	69175671	69175777	-	0	0
ENSG0000(SNORA72) snoRNA	chr3	1.61E+08	1.61E+08	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr2	9615267	9615373	+	0	0
ENSG0000(RNU6-242) snRNA	chr2	43091388	43091494	-	0	0
ENSG0000(SNORA7B) snoRNA	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RNU6-921) snRNA	chr14	68735922	68736028	-	0	0
ENSG0000(RNU6-517) snRNA	chr7	1.21E+08	1.21E+08	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr15	34314728	34314828	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr18	9250110	9250211	+	0	0
ENSG0000(SNORD116) snoRNA	chr15	25070432	25070526	+	0	0
ENSG0000(SNORA67) snoRNA	chr7	88449092	88449231	-	0	0
ENSG0000(RNU6-424) snRNA	chr1	27693731	27693835	+	0	0
ENSG0000(RNU6-614) snRNA	chr21	13047583	13047689	+	0	0
ENSG0000(SNORA70) snoRNA	chr21	32841861	32841995	-	0	0
ENSG0000(RNU6-166) snRNA	chr12	65095749	65095855	+	0	0
ENSG0000(SNORA8) snoRNA	chrX	1.33E+08	1.33E+08	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr8	41803349	41803450	+	0	0
ENSG0000(RNU6-434) snRNA	chrX	54343546	54343652	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr15	48995912	48996022	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr1	1.86E+08	1.86E+08	-	0	0
ENSG0000(SNORD38) snoRNA	chr3	53333060	53333128	-	0	0
ENSG0000(RNU1-106) snRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG0000(SNORA25) snoRNA	chr11	93730513	93730646	-	0	0
ENSG0000(RNU6-16) snRNA	chr11	88612805	88612911	-	0	1.24
ENSG0000(RNU6-348) snRNA	chr3	1.72E+08	1.72E+08	-	0	0
ENSG0000(RNU6-364) snRNA	chr7	96341140	96341246	+	0	0
ENSG0000(RNU6-31) snRNA	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr2	1.6E+08	1.6E+08	-	0	0
ENSG0000(SNORD14D) snoRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(U3) snoRNA	chr15	69457941	69458149	-	0	0
ENSG0000(RNU6-123) snRNA	chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(RNU6-591) snRNA	chrX	39081180	39081285	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr17	62122320	62122421	+	0	0
ENSG0000(RNU6-163) snRNA	chr10	4514952	4515057	+	0	0
ENSG0000(Y_RNA misc_RNA)	chr17	49416744	49416850	-	0	0
ENSG0000(RNU6-729) snRNA	chr8	10476223	10476329	+	0	0
ENSG0000(RNA5SP18) rRNA	chr5	88274258	88274376	-	0	0
ENSG0000(SNORA24) snoRNA	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr6	87826173	87826285	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr17	30344503	30344604	-	0	0

ENSG0000(SNORD116 snoRNA	chr15	25067788	25067882	+	0	0
ENSG0000(RNU6-106F snRNA	chr1	1.55E+08	1.55E+08	-	0	0
ENSG0000(RNU6-452F snRNA	chr10	27335501	27335607	-	0	0
ENSG0000(RNU6-769F snRNA	chr12	50633273	50633376	+	0	0
ENSG0000(SNORD116 snoRNA	chr15	25079058	25079149	+	0	0
ENSG0000(RNU6-869F snRNA	chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr1	1.98E+08	1.98E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	42454720	42454821	+	0	0
ENSG0000(RNU6-129 snRNA	chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(SNORA18 snoRNA	chr11	93733466	93733597	-	0	0
ENSG0000(Y_RNA misc_RNA	chrX	1.09E+08	1.09E+08	-	0	0
ENSG0000(SNORA51 snoRNA	chr21	40513144	40513279	+	0	0
ENSG0000(Y_RNA misc_RNA	chr4	1.21E+08	1.21E+08	-	0	0
ENSG0000(RNU6-465F snRNA	chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(RNU6-185F snRNA	chr15	87474183	87474289	-	0	0
ENSG0000(Y_RNA misc_RNA	chrX	11116092	11116193	-	0	0
ENSG0000(RNU6-933F snRNA	chr11	60985061	60985167	-	0	0
ENSG0000(RNU1-46P snRNA	chr18	51283733	51283896	-	0	0
ENSG0000(RNY1P14 misc_RNA	chr4	1.41E+08	1.41E+08	-	0	0
ENSG0000(RNU6-505F snRNA	chr3	1.47E+08	1.47E+08	-	0	0
ENSG0000(RNY3P4 misc_RNA	chr13	23152586	23152686	-	0	0
ENSG0000(RNU6-929F snRNA	chr20	56785981	56786087	-	0	0
ENSG0000(RNU6-128 snRNA	chr18	26366301	26366406	-	0	0
ENSG0000(Y_RNA misc_RNA	chr2	1.47E+08	1.47E+08	-	0	0
ENSG0000(RNU6-549F snRNA	chr15	64671263	64671369	+	0	0
ENSG0000(RNU6-905F snRNA	chr3	14530982	14531088	-	0	0
ENSG0000(Y_RNA misc_RNA	chr14	28901236	28901347	-	0	0
ENSG0000(SNORA70 snoRNA	chrX	1.54E+08	1.54E+08	+	0	7.8
ENSG0000(SNORA68 snoRNA	chr19	17862588	17862720	+	0	0
ENSG0000(RNU6-134C snRNA	chr16	19012157	19012263	+	0	0
ENSG0000(SNORA15 snoRNA	chr7	56060470	56060602	+	0	0
ENSG0000(RNU6-24P snRNA	chr17	76337316	76337422	+	0	0
ENSG0000(RNU6-121 snRNA	chr2	18583367	18583468	-	0	0
ENSG0000(SNORA51 snoRNA	chr4	1.68E+08	1.68E+08	+	0	0
ENSG0000(RNU6-116 snRNA	chr14	63630678	63630781	+	0	0
ENSG0000(Y_RNA misc_RNA	chr16	58083068	58083168	-	0	0
ENSG0000(SNORD116 snoRNA	chr15	25081287	25081378	+	0	0
ENSG0000(RNU1-67P snRNA	chrX	1.19E+08	1.19E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr12	32396050	32396147	-	0	0
ENSG0000(SNORA51 snoRNA	chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU6-112 snRNA	chr2	1.83E+08	1.83E+08	+	0	0
ENSG0000(RNU6-411F snRNA	chr6	71182612	71182718	+	0	0
ENSG0000(SNORA14B snoRNA	chr1	2.35E+08	2.35E+08	-	0	0
ENSG0000(RNU1-44P snRNA	chr4	1.47E+08	1.47E+08	+	0	0
ENSG0000(RNU6-843F snRNA	chr2	12411398	12411501	-	0	0

ENSG0000(RNU6-1157) snRNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNA5SP12) rRNA	chr2	2.42E+08	2.42E+08	+	0	0
ENSG0000(SNORA64) snoRNA	chr2	30187434	30187566	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(RNU6-809F) snRNA	chr1	64028894	64029000	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25062333	25062427	+	0	0
ENSG0000(RNU6-649F) snRNA	chr2	4945277	4945383	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr6	16232231	16232330	-	0	0
ENSG0000(RNU6-102F) snRNA	chr1	50582404	50582511	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr4	40826655	40826765	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr11	70705167	70705269	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25077051	25077142	+	0	0
ENSG0000(RNU6-119F) snRNA	chr4	41113942	41114045	+	0	0
ENSG0000(SNORD38) snoRNA	chr8	39018615	39018683	-	0	0
ENSG0000(RNU6-45P) snRNA	chr11	63970470	63970576	+	0	0
ENSG0000(RNU1-148F) snRNA	chr8	24076997	24077158	-	0	0
ENSG0000(RNU6-800F) snRNA	chrX	10582817	10582919	+	0	0
ENSG0000(RNU6-71P) snRNA	chr13	36267168	36267274	+	0	0
ENSG0000(RNU6-393F) snRNA	chr7	98794718	98794824	-	0	0
ENSG0000(RNVU1-15) snRNA	chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(RNU6-103F) snRNA	chr9	81725243	81725349	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	85434507	85434619	+	0	0
ENSG0000(RNU6-790F) snRNA	chr14	1.02E+08	1.02E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RNU6-102F) snRNA	chr7	1.25E+08	1.25E+08	+	0	0
ENSG0000(U3) snoRNA	chr8	97358265	97358478	+	0	0
ENSG0000(SNORA42) snoRNA	chr7	6016877	6017011	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	41857271	41857372	-	0	0
ENSG0000(RNU1-57P) snRNA	chrX	1.14E+08	1.14E+08	+	0	0
ENSG0000(SNORA70E) snoRNA	chr11	83041464	83041598	-	0	0
ENSG0000(RNU6-456F) snRNA	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr15	64652888	64652989	+	0	0
ENSG0000(RNU6-692F) snRNA	chr2	1.47E+08	1.47E+08	+	0	0
ENSG0000(RNU6-900F) snRNA	chr22	37891347	37891448	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr5	55040847	55040945	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr4	1.85E+08	1.85E+08	-	12.87	0
ENSG0000(SNORA37) snoRNA	chr18	54222284	54222412	-	0	0
ENSG0000(RNU6-125F) snRNA	chr1	88816779	88816885	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr17	59260748	59260846	+	0	0
ENSG0000(RNU6-110F) snRNA	chr1	25964197	25964300	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr18	31382317	31382430	+	0	0
ENSG0000(SNORD45A) snoRNA	chr1	75787889	75787972	+	0	0
ENSG0000(RNU6-106F) snRNA	chr17	10857899	10858004	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr16	178554	178656	+	0	0

ENSG0000(SNORA70	snoRNA	chr8	8961575	8961708	+	0	0
ENSG0000(SNORD116	snoRNA	chr15	25106521	25106603	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	1.37E+08	1.37E+08	+	0	0
ENSG0000(RNU6-100	snRNA	chr16	21642054	21642160	+	0	0
ENSG0000(SNORA72	snoRNA	chr2	1.05E+08	1.05E+08	+	0	0
ENSG0000(RNU6-342	snRNA	chr3	27265580	27265683	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	24455911	24456010	+	0	0
ENSG0000(RNU6-111	snRNA	chr2	35471605	35471708	+	0	0
ENSG0000(RNU6-880	snRNA	chr1	42991438	42991544	+	0	0
ENSG0000(RNU6-18P	snRNA	chr15	32284152	32284258	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	38744020	38744131	+	0	0
ENSG0000(RNU6-35P	snRNA	chr4	1.1E+08	1.1E+08	+	0	0
ENSG0000(RNU6-738	snRNA	chr5	27111569	27111674	+	0	0
ENSG0000(SNORD116	snoRNA	chr15	25082768	25082859	+	0	0
ENSG0000(RNU6-15P	snRNA	chr10	21321961	21322067	+	0	1.24
ENSG0000(Y_RNA	misc_RNA	chr19	52259076	52259187	-	0	0
ENSG0000(RNU6-124	snRNA	chr16	27998295	27998401	-	0	0
ENSG0000(RNU6-108	snRNA	chr2	11233988	11234094	+	0	0
ENSG0000(SNORA70C	snoRNA	chr9	1.17E+08	1.17E+08	-	0	0
ENSG0000(RN7SKP62	misc_RNA	chr5	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-601	snRNA	chr2	1.5E+08	1.5E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	36626015	36626138	-	0	0
ENSG0000(SNORA70	snoRNA	chr2	2.15E+08	2.15E+08	+	0	0
ENSG0000(RNU6-441	snRNA	chr10	82340771	82340876	+	0	0
ENSG0000(RNU6-116	snRNA	chr9	96256216	96256319	-	0	0
ENSG0000(RNA5SP28	rRNA	chr9	63813190	63813307	+	0	0
ENSG0000(RNU6-831	snRNA	chr18	3894699	3894805	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25094037	25094128	+	0	0
ENSG0000(SNORD20	snoRNA	chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr19	40339059	40339164	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr20	18113467	18113579	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	5086178	5086279	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	25287432	25287533	-	0	0
ENSG0000(RNU6-127	snRNA	chr10	96743167	96743273	+	0	0
ENSG0000(RNU6-123	snRNA	chr15	21307749	21307855	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU6-30P	snRNA	chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	57169108	57169209	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	15150697	15150796	+	0	7.6
ENSG0000(RNU6-851	snRNA	chr2	38884560	38884666	-	0	0
ENSG0000(RNU6-140	snRNA	chr19	38797002	38797109	-	0	0
ENSG0000(SNORD7	snoRNA	chr17	35573657	35573753	+	0	0
ENSG0000(RNU6-83P	snRNA	chr13	99025234	99025345	+	0	0
ENSG0000(SNORD56	snoRNA	chr11	90118391	90118461	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	25877496	25877605	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	2.16E+08	2.16E+08	+	0	0
ENSG0000(SNORA8	snoRNA	chr11	93732361	93732499	-	0	2.31
ENSG0000(Y_RNA	misc_RNA	chr20	2453010	2453117	-	0	0
ENSG0000(RNU6-115	snRNA	chr17	48196680	48196786	-	0	0
ENSG0000(RNU6-145	snRNA	chr4	76532222	76532327	-	0	0
ENSG0000(RNU6-878	snRNA	chr11	2321718	2321827	+	0	0
ENSG0000(RNU4-70P	snRNA	chr6	96649453	96649591	-	0	0
ENSG0000(RNU6-112	snRNA	chr3	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU6-429	snRNA	chr5	11027200	11027307	+	0	0
ENSG0000(SNORA2B	snoRNA	chr12	48667457	48667593	-	4.24	0
ENSG0000(Y_RNA	misc_RNA	chr3	88431191	88431309	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.4E+08	1.4E+08	+	0	0
ENSG0000(RNU6-118	snRNA	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	2.07E+08	2.07E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	3641443	3641555	-	0	0
ENSG0000(RNU6-160	snRNA	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(RNU1-89P	snRNA	chr4	1.36E+08	1.36E+08	-	0	0
ENSG0000(RNU6-901	snRNA	chr3	1.53E+08	1.53E+08	-	0	0
ENSG0000(RNY1P4	misc_RNA	chr13	32763438	32763552	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.46E+08	2.46E+08	-	0	0
ENSG0000(RNU6-883	snRNA	chr10	73529051	73529157	-	0	0
ENSG0000(RNU6-636	snRNA	chr1	37203610	37203716	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU6-73P	snRNA	chr13	27828763	27828869	+	0	0
ENSG0000(RNU6-126	snRNA	chr3	98908459	98908564	+	0	0
ENSG0000(RNU6-146	snRNA	chrX	3607258	3607365	-	0	0
ENSG0000(RNU6-680	snRNA	chr5	75709495	75709599	-	0	0
ENSG0000(RNU6-12P	snRNA	chr8	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNU6-658	snRNA	chr5	74725099	74725204	-	0	0
ENSG0000(RNU6-296	snRNA	chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(RNVU1-1	snRNA	chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(RNA5SP64	rRNA	chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	88840165	88840263	+	37.84	0
ENSG0000(RNU6-225	snRNA	chr22	20416797	20416899	-	0	0
ENSG0000(SNORA22	snoRNA	chr7	65065999	65066132	+	0	0
ENSG0000(RNU6-122	snRNA	chr6	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNU6-306	snRNA	chr10	21564471	21564577	-	0	0
ENSG0000(RNVU1-17	snRNA	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.84E+08	1.84E+08	-	0	0
ENSG0000(RNU6-540	snRNA	chr5	65604661	65604761	-	0	0
ENSG0000(RNU6-125	snRNA	chr20	24974171	24974280	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	39944890	39944998	-	0	0
ENSG0000(RNU6-2	snRNA	chr19	1021522	1021628	+	0	1.24

ENSG0000(RNU6-925F)	snRNA	chr8	89900721	89900824	-	0	0
ENSG0000(RNU6-14P)	snRNA	chr9	15776181	15776286	-	0	0
ENSG0000(RNU6-178F)	snRNA	chr8	28416448	28416551	+	0	0
ENSG0000(RNU6-422F)	snRNA	chr10	1E+08	1E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	1.08E+08	1.08E+08	-	0	0
ENSG0000(RNU6-939F)	snRNA	chr2	37331770	37331876	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	93021606	93021712	+	0	0
ENSG0000(RNU6-297F)	snRNA	chr14	48341226	48341332	-	0	0
ENSG0000(RNU6-29P)	snRNA	chrX	48776965	48777071	-	0	1.24
ENSG0000(Y_RNA)	misc_RNA	chr3	1.95E+08	1.95E+08	-	0	0
ENSG0000(RNU6-665F)	snRNA	chr8	47667771	47667877	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	41917416	41917526	-	0	0
ENSG0000(SNORD116)	snoRNA	chr15	25091786	25091877	+	0	0
ENSG0000(RNU6-748F)	snRNA	chr8	98462944	98463050	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	93385711	93385817	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	5964538	5964650	+	0	0
ENSG0000(RNU6-950F)	snRNA	chr12	54317781	54317887	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	62661621	62661725	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	1.13E+08	1.13E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(RNU6-310F)	snRNA	chr4	53265461	53265567	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	70906917	70907018	+	0	0
ENSG0000(RNU1-4)	snRNA	chr1	16740516	16740679	+	1.72	1.68
ENSG0000(Y_RNA)	misc_RNA	chr5	79534853	79534954	+	0	0
ENSG0000(SNORA20)	snoRNA	chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(RNU6-136F)	snRNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(RNU6-106C)	snRNA	chr6	23124981	23125087	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	69406441	69406552	+	0	0
ENSG0000(RNU6-117I)	snRNA	chr19	22555261	22555367	+	0	0
ENSG0000(RNU6-101I)	snRNA	chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	1.11E+08	1.11E+08	+	0	0
ENSG0000(RNU6-959F)	snRNA	chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	1.21E+08	1.21E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr5	1.09E+08	1.09E+08	+	0	0
ENSG0000(SNORA64)	snoRNA	chr16	1962973	1963106	-	0	0
ENSG0000(SNORA41)	snoRNA	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(SNORA1)	snoRNA	chr11	19591156	19591291	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	53324562	53324674	+	0	0
ENSG0000(SNORA8)	snoRNA	chr17	67271469	67271607	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	43620878	43620984	-	0	0
ENSG0000(RNU6-455F)	snRNA	chr14	31686692	31686798	-	0	0
ENSG0000(RNU6-768F)	snRNA	chr12	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNU6-115I)	snRNA	chr8	9287472	9287578	-	0	0

ENSG0000(Y_RNA	misc_RNA	chr21	36986739	36986851	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	74376687	74376793	+	0	0
ENSG0000(SNORA67	snoRNA	chr6	11709819	11709960	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	1.77E+08	1.77E+08	+	0	0
ENSG0000(SNORD38B	snoRNA	chr1	44778390	44778456	+	0	0
ENSG0000(RNU6-813F	snRNA	chr6	1.52E+08	1.52E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	14915457	14915556	-	0	7.6
ENSG0000(Y_RNA	misc_RNA	chrX	96701507	96701619	-	0	0
ENSG0000(RNU6-95P	snRNA	chr4	68003895	68004001	+	0	0
ENSG0000(U8	snoRNA	chr15	30581184	30581316	+	0	0
ENSG0000(RNU6-906F	snRNA	chr6	1.47E+08	1.47E+08	+	0	0
ENSG0000(U8	snoRNA	chr15	30112198	30112330	+	0	0
ENSG0000(RNU6-246F	snRNA	chr9	15544188	15544294	+	0	0
ENSG0000(RNU6-107Z	snRNA	chr1	12922554	12922660	+	0	0
ENSG0000(RNU6-114F	snRNA	chrX	3572857	3572961	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	68503152	68503259	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	65123369	65123474	+	0	0
ENSG0000(RNU6-541F	snRNA	chr14	31142939	31143048	+	0	0
ENSG0000(RNU6-21P	snRNA	chr16	62187540	62187646	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25065026	25065121	+	0	0
ENSG0000(RNU6-417F	snRNA	chr7	63011463	63011569	-	0	0
ENSG0000(SNORD56B	snoRNA	chr14	71398337	71398407	+	0	0
ENSG0000(SNORD15B	snoRNA	chr11	75404421	75404566	+	0	0
ENSG0000(RNU6-520F	snRNA	chr4	70701755	70701858	+	0	0
ENSG0000(RNU6-19P	snRNA	chr15	65553081	65553187	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	47805079	47805179	-	0	0
ENSG0000(RNU6-291F	snRNA	chr1	11226254	11226360	+	0	0
ENSG0000(RNU6-606F	snRNA	chr5	87299687	87299797	-	0	0
ENSG0000(RNU6-535F	snRNA	chr10	7486703	7486809	-	0	0
ENSG0000(RNU6-1104	snRNA	chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNU6-331F	snRNA	chr22	29899587	29899693	-	0	0
ENSG0000(RNU6-997F	snRNA	chr2	53570374	53570480	-	0	0
ENSG0000(RNU6-476F	snRNA	chr22	41679711	41679817	+	0	0
ENSG0000(RNY3P9	misc_RNA	chr13	40226827	40226932	+	0	0
ENSG0000(RNU6-1311	snRNA	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25086527	25086618	+	0	0
ENSG0000(RNU6-253F	snRNA	chr6	1.17E+08	1.17E+08	-	0	0
ENSG0000(RNU6-376F	snRNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	38950825	38950925	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	48809911	48810016	+	0	0
ENSG0000(SNORA19	snoRNA	chr10	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU6-41P	snRNA	chr1	1.83E+08	1.83E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	73346936	73347048	+	0	0
ENSG0000(RNY1P7	misc_RNA	chr13	24703556	24703665	-	0	0
ENSG0000(SNORA80E	snoRNA	chr1	1.56E+08	1.56E+08	-	0	0

ENSG0000(RNU6-286F)	snRNA	chr21	13621577	13621683	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	88330176	88330278	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	41303237	41303337	-	0	0
ENSG0000(RNU6-1067)	snRNA	chr10	28667919	28668025	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	51884556	51884653	+	0	0
ENSG0000(RNU6-1044)	snRNA	chrX	73397531	73397637	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	90251923	90252020	+	0	0
ENSG0000(RNU6-987F)	snRNA	chr6	25383599	25383702	+	0	0
ENSG0000(RNU6-713F)	snRNA	chr12	40554161	40554267	-	0	0
ENSG0000(SNORA46)	snoRNA	chr16	58548499	58548633	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	1.25E+08	1.25E+08	-	0	0
ENSG0000(RNY3P10)	misc_RNA	chr13	69802940	69803041	+	0	0
ENSG0000(SNORA7A)	snoRNA	chr3	12840312	12840450	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.86E+08	1.86E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(SNORD102)	snoRNA	chr13	27255064	27255135	+	0	0
ENSG0000(RNVU1-14)	snRNA	chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(SNORA42)	snoRNA	chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(SNORA32)	snoRNA	chr21	41539206	41539326	+	0	0
ENSG0000(RNU6-1031)	snRNA	chr1	67541127	67541233	+	0	0
ENSG0000(RNU6-1105)	snRNA	chr3	1.87E+08	1.87E+08	-	0	0
ENSG0000(RNU6-9)	snRNA	chr19	893484	893590	+	0	1.24
ENSG0000(RNU6-1237)	snRNA	chr1	40177843	40177949	+	0	0
ENSG0000(RNU6-771F)	snRNA	chr1	13279125	13279231	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	38505480	38505581	-	0	0
ENSG0000(RNU1-3)	snRNA	chr1	16666785	16666948	-	1.72	1.68
ENSG0000(RNU6-555F)	snRNA	chrX	90597235	90597340	-	0	0
ENSG0000(SNORA41)	snoRNA	chr15	45537250	45537377	+	0	0
ENSG0000(RNU6-59P)	snRNA	chr13	21551304	21551410	-	0	0
ENSG0000(SNORA66)	snoRNA	chr1	92840719	92840851	+	0	0
ENSG0000(RNU6-33P)	snRNA	chr4	88684848	88684954	-	0	1.24
ENSG0000(Y_RNA)	misc_RNA	chr16	74463888	74463988	-	0	0
ENSG0000(MIR548C)	miRNA	chr12	64622509	64622605	+	0	0
ENSG0000(MIR25)	miRNA	chr7	1E+08	1E+08	-	0	0
ENSG0000(MIR217)	miRNA	chr2	55982967	55983076	-	0	0
ENSG0000(MIR521-2)	miRNA	chr19	53716594	53716680	+	0	0
ENSG0000(MIR99B)	miRNA	chr19	51692612	51692681	+	0	0
ENSG0000(MIR608)	miRNA	chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR633)	miRNA	chr17	62944215	62944312	+	0	0
ENSG0000(MIR647)	miRNA	chr20	63942631	63942726	-	0	0
ENSG0000(MIR578)	miRNA	chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(MIR635)	miRNA	chr17	68424451	68424548	-	0	0
ENSG0000(MIR34C)	miRNA	chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(MIR23B)	miRNA	chr9	95085208	95085304	+	0	0
ENSG0000(MIR203A)	miRNA	chr14	1.04E+08	1.04E+08	+	0	0

ENSG00000101433	MIR433	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101615	MIR615	miRNA	chr12	54033950	54034045	+	0	0
ENSG00000101502	MIR550A2	miRNA	chr7	32732981	32733077	+	0	0
ENSG00000101661	MIR661	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000101649	MIR649	miRNA	chr22	21034176	21034272	-	0	0
ENSG00000101587	MIR587	miRNA	chr6	1.07E+08	1.07E+08	+	0	0
ENSG00000101583	MIR583	miRNA	chr5	96079138	96079212	+	0	0
ENSG00000101662	MIR662	miRNA	chr16	770183	770277	+	0	0
ENSG00000101526	MIR526B	miRNA	chr19	53694393	53694475	+	0	0
ENSG0000010199B	MIR199B	miRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000010130B	MIR30B	miRNA	chr8	1.35E+08	1.35E+08	-	0	0
ENSG00000101606	MIR606	miRNA	chr10	75552458	75552553	+	0	0
ENSG0000010181D	MIR181D	miRNA	chr19	13874875	13875011	+	0	0
ENSG0000010135A2	MIR135A2	miRNA	chr12	97563812	97563911	+	0	0
ENSG00000101544A	MIR544A	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101593	MIR593	miRNA	chr7	1.28E+08	1.28E+08	+	0	0
ENSG00000101508	MIR508	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101215	MIR215	miRNA	chr1	2.2E+08	2.2E+08	-	0	0
ENSG00000101520A	MIR520A	miRNA	chr19	53690881	53690965	+	0	0
ENSG0000010181A2	MIR181A2	miRNA	chr9	1.25E+08	1.25E+08	+	0	0
ENSG00000101490	MIR490	miRNA	chr7	1.37E+08	1.37E+08	+	0	0
ENSG0000010124-3	MIR124-3	miRNA	chr20	63178500	63178586	+	0	0
ENSG00000101520E	MIR520E	miRNA	chr19	53675711	53675797	+	0	0
ENSG00000101598	MIR598	miRNA	chr8	11035206	11035302	-	0	0
ENSG00000101206	MIR206	miRNA	chr6	52144349	52144434	+	0	0
ENSG00000101191	MIR191	miRNA	chr3	49020618	49020709	-	0	0
ENSG00000101554	MIR554	miRNA	chr1	1.52E+08	1.52E+08	+	0	0
ENSG00000101200A	MIR200A	miRNA	chr1	1167863	1167952	+	0	0
ENSG00000101127	MIR127	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101491	MIR491	miRNA	chr9	20716105	20716188	+	0	0
ENSG00000101149	MIR149	miRNA	chr2	2.4E+08	2.4E+08	+	0	0
ENSG00000101604	MIR604	miRNA	chr10	29545004	29545097	-	0	0
ENSG0000010181C	MIR181C	miRNA	chr19	13874699	13874808	+	0	0
ENSG0000010193A	MIR193A	miRNA	chr17	31559996	31560083	+	0	0
ENSG00000101515-2	MIR515-2	miRNA	chr19	53685009	53685091	+	0	0
ENSG00000101515-1	MIR515-1	miRNA	chr19	53679003	53679085	+	0	0
ENSG000001013074	MIR3074	miRNA	chr9	95086014	95086094	-	0	0
ENSG00000101585	MIR585	miRNA	chr5	1.69E+08	1.69E+08	-	0	0
ENSG00000101516A2	MIR516A2	miRNA	chr19	53761133	53761222	+	0	0
ENSG00000101619	MIR619	miRNA	chr12	1.09E+08	1.09E+08	-	0	0
ENSG0000010194-1	MIR194-1	miRNA	chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000010128-2	MIR128-2	miRNA	chr3	35744476	35744559	+	0	0
ENSG00000101562	MIR562	miRNA	chr2	2.32E+08	2.32E+08	+	0	0
ENSG00000101581	MIR581	miRNA	chr5	53951504	53951599	-	0	0
ENSG00000101651	MIR651	miRNA	chrX	8126965	8127061	+	0	0

ENSG00000102621	MIR526A1	miRNA	chr19	53706252	53706336	+	0	0
ENSG00000102622	MIR7-3	miRNA	chr19	4770670	4770779	+	0	0
ENSG00000102623	MIR641	miRNA	chr19	40282543	40282641	-	0	0
ENSG00000102624	MIR588	miRNA	chr6	1.26E+08	1.26E+08	+	0	0
ENSG00000102625	MIR505	miRNA	chrX	1.4E+08	1.4E+08	-	0	0
ENSG00000102626	MIR521-1	miRNA	chr19	53748636	53748722	+	0	0
ENSG00000102627	MIR499A	miRNA	chr20	34990376	34990497	+	0	0
ENSG00000102628	MIR595	miRNA	chr7	1.59E+08	1.59E+08	-	0	0
ENSG00000102629	MIR99A	miRNA	chr21	16539089	16539169	+	0	0
ENSG00000102630	MIR193B	miRNA	chr16	14303967	14304049	+	0	0
ENSG00000102631	MIR510	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000102632	MIR571	miRNA	chr4	350157	350252	+	0	0
ENSG00000102633	MIR512-2	miRNA	chr19	53669157	53669254	+	0	0
ENSG00000102634	MIR512-1	miRNA	chr19	53666679	53666762	+	0	0
ENSG00000102635	MIR655	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000102636	MIR153-1	miRNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG00000102637	MIR138-2	miRNA	chr16	56858518	56858601	+	0	0
ENSG00000102638	MIR570	miRNA	chr3	1.96E+08	1.96E+08	+	0	0
ENSG00000102639	MIR28	miRNA	chr3	1.89E+08	1.89E+08	+	0	0
ENSG00000102640	MIR621	miRNA	chr13	40810766	40810861	+	0	0
ENSG00000102641	MIR558	miRNA	chr2	32532153	32532246	+	0	0
ENSG00000102642	MIR128-1	miRNA	chr2	1.36E+08	1.36E+08	+	0	0
ENSG00000102643	MIR489	miRNA	chr7	93483936	93484019	-	0	0
ENSG00000102644	MIR548AA	miRNA	chr17	67471489	67471585	+	0	0
ENSG00000102645	MIR548A2	miRNA	chr6	1.35E+08	1.35E+08	+	0	0
ENSG00000102646	MIR183	miRNA	chr7	1.3E+08	1.3E+08	-	0	0
ENSG00000102647	MIR592	miRNA	chr7	1.27E+08	1.27E+08	-	0	0
ENSG00000102648	MIR602	miRNA	chr9	1.38E+08	1.38E+08	+	0	0
ENSG00000102649	MIR184	miRNA	chr15	79209788	79209871	+	0	0
ENSG00000102650	MIR659	miRNA	chr22	37847678	37847774	-	0	0
ENSG00000102651	MIR573	miRNA	chr4	24520192	24520290	-	0	0
ENSG00000102652	MIR32	miRNA	chr9	1.09E+08	1.09E+08	-	0	0
ENSG00000102653	MIR518A2	miRNA	chr19	53739333	53739419	+	0	0
ENSG00000102654	MIR597	miRNA	chr8	9741672	9741768	+	0	0
ENSG00000102655	MIR211	miRNA	chr15	31065032	31065141	-	0	0
ENSG00000102656	MIR7-2	miRNA	chr15	88611825	88611934	+	0	0
ENSG00000102657	MIR548D1	miRNA	chr8	1.23E+08	1.23E+08	+	0	0
ENSG00000102658	MIR129-1	miRNA	chr7	1.28E+08	1.28E+08	+	0	0
ENSG00000102659	MIR518F	miRNA	chr19	53700015	53700101	+	0	0
ENSG00000102660	MIR141	miRNA	chr12	6964097	6964191	+	0	0
ENSG00000102661	MIR525	miRNA	chr19	53697533	53697617	+	0	0
ENSG00000102662	MIR627	miRNA	chr15	42199570	42199666	-	0	0
ENSG00000102663	MIR200C	miRNA	chr12	6963699	6963766	+	0	0
ENSG00000102664	MIR584	miRNA	chr5	1.49E+08	1.49E+08	-	0	0
ENSG00000102665	MIR572	miRNA	chr4	11368827	11368921	+	0	0

ENSG00000101511	MIR551B	miRNA	chr3	1.69E+08	1.69E+08	+	0	0
ENSG00000101512	MIR623	miRNA	chr13	99356131	99356228	+	0	0
ENSG00000101513	MIR186	miRNA	chr1	71067631	71067716	-	0	0
ENSG00000101514	MIR520B	miRNA	chr19	53701227	53701287	+	0	0
ENSG00000101515	MIR222	miRNA	chrX	45747015	45747124	-	0	0
ENSG00000101516	MIR455	miRNA	chr9	1.14E+08	1.14E+08	+	0	0
ENSG00000101517	MIR449B	miRNA	chr5	55170646	55170742	-	0	0
ENSG00000101518	MIR556	miRNA	chr1	1.62E+08	1.62E+08	+	0	0
ENSG00000101519	MIR200B	miRNA	chr1	1167104	1167198	+	0	0
ENSG00000101520	MIR506	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101521	MIR218-1	miRNA	chr4	20528275	20528384	+	0	0
ENSG00000101522	MIR517A	miRNA	chr19	53712268	53712354	+	0	0
ENSG00000101523	MIR520D	miRNA	chr19	53720096	53720182	+	0	0
ENSG00000101524	MIR657	miRNA	chr17	81125276	81125373	-	0	0
ENSG00000101525	MIR181B2	miRNA	chr9	1.25E+08	1.25E+08	+	0	0
ENSG00000101526	MIR520C	miRNA	chr19	53707453	53707539	+	0	0
ENSG00000101527	MIR218-2	miRNA	chr5	1.69E+08	1.69E+08	-	0	0
ENSG00000101528	MIR590	miRNA	chr7	74191198	74191294	+	0	0
ENSG00000101529	MIR487A	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101530	MIR495	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101531	MIR10B	miRNA	chr2	1.76E+08	1.76E+08	+	0	0
ENSG00000101532	MIR575	miRNA	chr4	82753337	82753430	-	0	0
ENSG00000101533	MIR299	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101534	MIR553	miRNA	chr1	1E+08	1E+08	+	0	0
ENSG00000101535	MIR130B	processed	chr22	21652270	21670237	+	0	0.07
ENSG00000101536	MIR199A1	miRNA	chr19	10817426	10817496	-	0	0
ENSG00000101537	MIR487B	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101538	MIR450A2	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000101539	MIR580	miRNA	chr5	36147892	36147988	-	0	0
ENSG00000101540	MIR93	miRNA	chr7	1E+08	1E+08	-	0	0
ENSG00000101541	MIR532	miRNA	chrX	50003148	50003238	+	0	0
ENSG00000101542	MIR181A1	miRNA	chr1	1.99E+08	1.99E+08	-	0	0
ENSG00000101543	MIR329-1	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101544	MIR329-2	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101545	MIR617	miRNA	chr12	80832533	80832629	-	0	0
ENSG00000101546	MIR626	miRNA	chr15	41691585	41691678	+	0	0
ENSG00000101547	MIR516A1	miRNA	chr19	53756741	53756830	+	0	0
ENSG00000101548	MIR188	miRNA	chrX	50003503	50003588	+	0	0
ENSG00000101549	MIR586	miRNA	chr6	45197674	45197770	-	0	0
ENSG00000101550	MIR550A1	miRNA	chr7	30289794	30289890	+	0	0
ENSG00000101551	MIR642A	miRNA	chr19	45674928	45675024	+	0	0
ENSG00000101552	MIR548A1	miRNA	chr6	18571784	18571880	+	0	0
ENSG00000101553	MIR551A	miRNA	chr1	3560695	3560790	-	0	0
ENSG00000101554	MIR3591	miRNA	chr18	58451080	58451152	-	0	0
ENSG00000101555	MIR15B	miRNA	chr3	1.6E+08	1.6E+08	+	0	0

ENSG00000101614	MIR648	miRNA	chr22	17980868	17980961	-	0	0
ENSG00000101615	MIR625	miRNA	chr14	65471102	65471186	+	0	0
ENSG00000101616	MIR150	miRNA	chr19	49500785	49500868	-	0	0
ENSG00000101617	MIR542	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000101618	MIR500A	miRNA	chrX	50008431	50008514	+	0	0
ENSG00000101619	MIR519C	miRNA	chr19	53686469	53686555	+	0	0
ENSG00000101620	MIR26A2	miRNA	chr12	57824609	57824692	-	0	0
ENSG00000101621	MIR187	miRNA	chr18	35904818	35904926	-	0	0
ENSG00000101622	MIR216A	miRNA	chr2	55988950	55989059	-	0	0
ENSG00000101623	MIR520G	miRNA	chr19	53722166	53722255	+	0	0
ENSG00000101624	MIR504	miRNA	chrX	1.39E+08	1.39E+08	-	0	0
ENSG00000101625	MIR646	miRNA	chr20	60308474	60308567	+	0	0
ENSG00000101626	MIR518A1	miRNA	chr19	53731006	53731090	+	0	0
ENSG00000101627	MIR599	miRNA	chr8	99536636	99536730	-	0	0
ENSG00000101628	MIR483	miRNA	chr11	2134134	2134209	-	0	0
ENSG00000101629	MIR95	miRNA	chr4	8005301	8005381	-	0	0
ENSG00000101630	MIR27A	miRNA	chr19	13836440	13836517	-	0	0
ENSG00000101631	MIR519E	miRNA	chr19	53679940	53680023	+	0	0
ENSG00000101632	MIR34B	miRNA	chr11	1.12E+08	1.12E+08	+	0	0
ENSG00000101633	MIR605	miRNA	chr10	51299573	51299655	+	0	0
ENSG00000101634	MIR147A	miRNA	chr9	1.2E+08	1.2E+08	-	0	0
ENSG00000101635	MIR563	miRNA	chr3	15873771	15873849	+	0	0
ENSG00000101636	MIR124-2	miRNA	chr8	64379149	64379257	+	0	0
ENSG00000101637	MIR105-2	miRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000101638	MIR545	miRNA	chrX	74287104	74287209	-	0	0
ENSG00000101639	MIR640	miRNA	chr19	19435063	19435158	+	0	0
ENSG00000101640	MIR519B	miRNA	chr19	53695213	53695293	+	0	0
ENSG00000101641	MIR596	miRNA	chr8	1817231	1817307	+	0	0
ENSG00000101642	MIR30A	miRNA	chr6	71403551	71403621	-	0	0
ENSG00000101643	MIR517B	miRNA	chr19	53721076	53721142	+	0	0
ENSG00000101644	MIR517C	miRNA	chr19	53741313	53741407	+	0	0
ENSG00000101645	MIR33B	miRNA	chr17	17813836	17813931	-	0	0
ENSG00000101646	MIR520H	miRNA	chr19	53742512	53742599	+	0	0
ENSG00000101647	MIR518B	miRNA	chr19	53702737	53702819	+	0	0
ENSG00000101648	MIR125B2	miRNA	chr21	16590237	16590325	+	0	0
ENSG00000101649	MIR27B	miRNA	chr9	95085445	95085541	+	0	0
ENSG00000101650	MIR514A2	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101651	MIR514A3	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101652	MIR514A1	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101653	MIR498	miRNA	chr19	53674197	53674320	+	0	0
ENSG00000101654	MIR221	miRNA	chrX	45746157	45746266	-	0	0
ENSG00000101655	MIR513B	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101656	MIR513A1	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101657	MIR610	miRNA	chr11	28056815	28056910	+	0	0
ENSG00000101658	MIR566	miRNA	chr3	50173326	50173419	+	0	0

ENSG0000010559	MIR559	miRNA	chr2	47377675	47377770	+	0	0
ENSG0000010560	MIR196A2	miRNA	chr12	53991738	53991847	+	0	0
ENSG0000010561	MIR516B2	miRNA	chr19	53725442	53725526	+	0	0
ENSG0000010562	MIR135A1	miRNA	chr3	52294219	52294308	-	0	0
ENSG0000010563	MIR302A	miRNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000010564	MIR603	miRNA	chr10	24275685	24275781	+	0	0
ENSG0000010565	MIR577	miRNA	chr4	1.15E+08	1.15E+08	+	0	0
ENSG0000010566	MIR33A	miRNA	chr22	41900944	41901012	+	0	0
ENSG0000010567	MIR9-1	miRNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000010568	MIR654	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010569	MIR204	miRNA	chr9	70809975	70810084	-	0	0
ENSG0000010570	MIR511	miRNA	chr10	17845107	17845193	+	0	0
ENSG0000010571	MIR567	miRNA	chr3	1.12E+08	1.12E+08	+	0	0
ENSG0000010572	MIR552	miRNA	chr1	34669599	34669694	-	0	0
ENSG0000010573	MIR136	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010574	MIR634	miRNA	chr17	66787072	66787168	+	0	0
ENSG0000010575	MIR574	miRNA	chr4	38868032	38868127	+	0	0
ENSG0000010576	MIR516B1	miRNA	chr19	53736845	53736934	+	0	0
ENSG0000010577	MIR152	miRNA	chr17	48037161	48037247	-	0	0
ENSG0000010578	MIR328	miRNA	chr16	67202321	67202395	-	0	0
ENSG0000010579	MIR561	miRNA	chr2	1.88E+08	1.88E+08	+	0	0
ENSG0000010580	MIR624	miRNA	chr14	31014646	31014742	-	0	0
ENSG0000010581	MIR138-1	miRNA	chr3	44114212	44114310	+	0	0
ENSG0000010582	MIR219A2	lincRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000010583	MIR579	miRNA	chr5	32394378	32394475	-	0	0
ENSG0000010584	MIR105-1	miRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000010585	MIR656	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010586	MIR153-2	miRNA	chr7	1.58E+08	1.58E+08	-	0	0
ENSG0000010587	MIR496	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010588	MIR30C1	miRNA	chr1	40757284	40757372	+	0	0
ENSG0000010589	MIR569	miRNA	chr3	1.71E+08	1.71E+08	-	0	0
ENSG0000010590	MIR629	miRNA	chr15	70079372	70079468	-	0	0
ENSG0000010591	MIR620	miRNA	chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000010592	MIR507	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG0000010593	MIR660	miRNA	chrX	50013241	50013337	+	0	0
ENSG0000010594	MIR125B1	miRNA	chr11	1.22E+08	1.22E+08	-	0	0
ENSG0000010595	MIR638	miRNA	chr19	10718404	10718503	+	0	0
ENSG0000010596	MIR589	miRNA	chr7	5495819	5495917	-	0	0
ENSG0000010597	MIR557	miRNA	chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000010598	MIR181B1	miRNA	chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000010599	MIR607	miRNA	chr10	96828669	96828764	-	0	0
ENSG0000010600	MIR154	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010601	MIR527	miRNA	chr19	53754018	53754102	+	0	0
ENSG0000010602	MIR23A	miRNA	chr19	13836587	13836659	-	0	0
ENSG0000010603	MIR519D	miRNA	chr19	53713347	53713434	+	0	0

ENSG00000101411	MIR548B	miRNA	chr6	1.19E+08	1.19E+08	-	0	0
ENSG00000101412	MIR613	miRNA	chr12	12764649	12764743	+	0	0
ENSG00000101413	MIR513A2	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101414	MIR518E	miRNA	chr19	53729838	53729925	+	0	0
ENSG00000101415	MIR576	miRNA	chr4	1.09E+08	1.09E+08	+	0	0
ENSG00000101416	MIR493	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101417	MIR182	miRNA	chr7	1.3E+08	1.3E+08	-	0	0
ENSG00000101418	MIR601	miRNA	chr9	1.23E+08	1.23E+08	-	0	0
ENSG00000101419	MIR519A1	miRNA	chr19	53752397	53752481	+	0	0
ENSG00000101420	MIR134	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101421	MIR100	miRNA	chr11	1.22E+08	1.22E+08	-	0	0
ENSG00000101422	MIR325	miRNA	chrX	77005404	77005501	-	0	0
ENSG00000101423	MIR301A	miRNA	chr17	59151136	59151221	-	0	0
ENSG00000101424	MIR644A	miRNA	chr20	34466325	34466418	+	0	0
ENSG00000101425	MIR509-1	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101426	MIR431	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101427	MIR643	miRNA	chr19	52281797	52281893	+	0	0
ENSG00000101428	MIR549A	miRNA	chr15	80841978	80842073	-	0	0
ENSG00000101429	MIR323B	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101430	MIR503	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000101431	MIR16-1	miRNA	chr13	50048973	50049061	-	0	0
ENSG00000101432	MIR125A	miRNA	chr19	51693254	51693339	+	0	0
ENSG00000101433	MIR130A	miRNA	chr11	57641198	57641286	+	0	0
ENSG00000101434	MIRLET7F2	miRNA	chrX	53557192	53557274	-	0	0
ENSG00000101435	MIR652	miRNA	chrX	1.1E+08	1.1E+08	+	0	0
ENSG00000101436	MIR653	miRNA	chr7	93482760	93482855	-	0	0
ENSG00000101437	MIR362	miRNA	chrX	50008964	50009028	+	0	0
ENSG00000101438	MIR140	miRNA	chr16	69933081	69933180	+	0	0
ENSG00000101439	MIR645	miRNA	chr20	50585786	50585879	+	0	0
ENSG00000101440	MIR618	miRNA	chr12	80935736	80935833	-	0	0
ENSG00000101441	MIR185	miRNA	chr22	20033139	20033220	+	0	0
ENSG00000101442	MIR199A2	miRNA	chr1	1.72E+08	1.72E+08	-	0	0
ENSG00000101443	MIR591	miRNA	chr7	96219662	96219756	-	0	0
ENSG00000101444	MIR485	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101445	MIR616	miRNA	chr12	57519163	57519259	-	0	0
ENSG00000101446	MIR548A3	miRNA	chr8	1.04E+08	1.04E+08	-	0	0
ENSG00000101447	MIR609	miRNA	chr10	1.04E+08	1.04E+08	-	0	0
ENSG00000101448	MIR106B	miRNA	chr7	1E+08	1E+08	-	0	0
ENSG00000101449	MIR320A	miRNA	chr8	22244962	22245043	-	0	0
ENSG00000101450	SNORA40	snoRNA	chr2	1.35E+08	1.35E+08	+	0	0
ENSG00000101451	SNORD94	snoRNA	chr2	86135870	86136006	+	0	0
ENSG00000101452	SNORD73A	snoRNA	chr4	1.51E+08	1.51E+08	+	0	0
ENSG00000101453	SNORA35	snoRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG00000101454	SNORD96B	snoRNA	chrX	1.1E+08	1.1E+08	-	0	0
ENSG00000101455	SNORA49	snoRNA	chr12	1.32E+08	1.32E+08	+	0	0

ENSG0000(SNORD12C snoRNA	chr20	49278940	49279028	+	0	0
ENSG0000(MT-TL1 Mt_tRNA	chrM	3230	3304	+	0	0
ENSG0000(SNORD83B snoRNA	chr22	39313819	39313911	-	0	0
ENSG0000(SNORD83A snoRNA	chr22	39315213	39315307	-	0	0
ENSG0000(SNORA48 snoRNA	chr17	7574713	7574847	+	0	0
ENSG0000(SNORD105 snoRNA	chr19	10107651	10107735	+	0	0
ENSG0000(SNORD41 snoRNA	chr19	12706449	12706518	-	0	0
ENSG0000(MT-TF Mt_tRNA	chrM	577	647	+	0	0
ENSG0000(MT-TV Mt_tRNA	chrM	1602	1670	+	0	0
ENSG0000(MT-RNR2 Mt_rRNA	chrM	1671	3229	+	2172.31	2242.37
ENSG0000(MT-TI Mt_tRNA	chrM	4263	4331	+	0	0
ENSG0000(MT-TQ Mt_tRNA	chrM	4329	4400	-	0	0
ENSG0000(MT-TM Mt_tRNA	chrM	4402	4469	+	0	0
ENSG0000(MT-TW Mt_tRNA	chrM	5512	5579	+	0	0
ENSG0000(MT-TA Mt_tRNA	chrM	5587	5655	-	0	0
ENSG0000(MT-TN Mt_tRNA	chrM	5657	5729	-	0	0
ENSG0000(MT-TC Mt_tRNA	chrM	5761	5826	-	0	0
ENSG0000(MT-TY Mt_tRNA	chrM	5826	5891	-	0	0
ENSG0000(MT-TS1 Mt_tRNA	chrM	7446	7514	-	0	0
ENSG0000(MT-TD Mt_tRNA	chrM	7518	7585	+	0	0
ENSG0000(MT-TK Mt_tRNA	chrM	8295	8364	+	0	0
ENSG0000(MT-TG Mt_tRNA	chrM	9991	10058	+	0	0
ENSG0000(MT-TR Mt_tRNA	chrM	10405	10469	+	0	0
ENSG0000(MT-TH Mt_tRNA	chrM	12138	12206	+	0	0
ENSG0000(RNU6ATAC snRNA	chr3	36968191	36968316	-	0	0
ENSG0000(MT-TS2 Mt_tRNA	chrM	12207	12265	+	0	0
ENSG0000(MT-TL2 Mt_tRNA	chrM	12266	12336	+	0	0
ENSG0000(MT-TE Mt_tRNA	chrM	14674	14742	-	0	0
ENSG0000(MT-TT Mt_tRNA	chrM	15888	15953	+	0	0
ENSG0000(MT-TP Mt_tRNA	chrM	15956	16023	-	0	0
ENSG0000(RNU6ATAC snRNA	chr5	56297564	56297689	-	0	0
ENSG0000(RNU6ATAC snRNA	chr17	46921124	46921249	+	0	0
ENSG0000(MIR196A1 miRNA	chr17	48632490	48632559	-	0	0
ENSG0000(SNORA40 snoRNA	chr11	93735111	93735236	-	0	0
ENSG0000(RNU6ATAC snRNA	chr4	73026748	73026873	+	0	0
ENSG0000(RNU6ATAC snRNA	chr3	57619447	57619572	+	0	0
ENSG0000(MIR190A miRNA	chr15	62823957	62824041	+	0	0
ENSG0000(GPX3 protein_co	chr5	1.51E+08	1.51E+08	+	35.62	40.65
ENSG0000(DIO2 protein_co	chr14	80197527	80387757	-	0.46	0.18
ENSG0000(SELENOH protein_co	chr11	57741250	57743554	+	43.43	39.88
ENSG0000(GNRHR2 transcribec	chr1	1.46E+08	1.46E+08	+	1.91	2.01
ENSG0000(DIO1 protein_co	chr1	53891239	53911086	+	0	0
ENSG0000(AKR7L polymorph	chr1	19265982	19274194	-	0.24	0.03
ENSG0000(STK38L protein_co	chr12	27243968	27325959	+	15.05	17.14
ENSG0000(SACM1L protein_co	chr3	45689056	45745424	+	11.75	10.9

ENSG00000108000	MT-RNR1	Mt_rRNA	chrM	648	1601	+	350.45	376.34
ENSG00000108000	TSN	protein_coding	chr2	1.22E+08	1.22E+08	+	15.51	13.64
ENSG00000108000	MIR320D1	miRNA	chr13	40727828	40727875	-	0	0
ENSG00000108000	MIR320E	miRNA	chr19	46709293	46709345	-	0	0
ENSG00000108000	MIR454	miRNA	chr17	59137758	59137872	-	0	0
ENSG00000108000	MIR216B	miRNA	chr2	56000714	56000795	-	0	0
ENSG00000108000	MIR526A2	miRNA	chr19	53726922	53726986	+	0	0
ENSG00000108000	MIR501	miRNA	chrX	50009722	50009805	+	0	0
ENSG00000108000	MIR320B1	miRNA	chr1	1.17E+08	1.17E+08	+	0	0
ENSG00000108000	MIR3065	miRNA	chr17	81125877	81125955	+	0	0
ENSG00000108000	MIR670	miRNA	chr11	43559656	43559753	+	0	0
ENSG00000108000	MIR770	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000108000	MIR760	miRNA	chr1	93846832	93846911	+	0	0
ENSG00000108000	MIR766	miRNA	chrX	1.2E+08	1.2E+08	-	0	0
ENSG00000108000	MIR759	miRNA	chr13	52810050	52810140	+	0	0
ENSG00000108000	MIR769	miRNA	chr19	46018932	46019049	+	0	0
ENSG00000108000	MIR765	miRNA	chr1	1.57E+08	1.57E+08	-	0	0
ENSG00000108000	MIR758	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000108000	MIR767	miRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000108000	SLC48A1	protein_coding	chr12	47753916	47782753	+	7.23	8.68
ENSG00000108000	MIR802	miRNA	chr21	35720715	35720808	+	0	0
ENSG00000108000	MIR762	miRNA	chr16	30893903	30893985	+	0	0
ENSG00000108000	IGKC	IG_C_gene	chr2	88857161	88857683	-	0	0
ENSG00000108000	IGKJ5	IG_J_gene	chr2	88860568	88860605	-	0	0
ENSG00000108000	IGKJ4	IG_J_gene	chr2	88860886	88860922	-	0	0
ENSG00000108000	IGKJ3	IG_J_gene	chr2	88861221	88861258	-	0	0
ENSG00000108000	IGKJ2	IG_J_gene	chr2	88861525	88861563	-	0	0
ENSG00000108000	IGKJ1	IG_J_gene	chr2	88861886	88861923	-	0	0
ENSG00000108000	IGKV4-1	IG_V_gene	chr2	88885397	88886153	+	0	0
ENSG00000108000	IGKV5-2	IG_V_gene	chr2	88897232	88897784	+	0	0
ENSG00000108000	IGKV6-21	IG_V_gene	chr2	89159751	89160366	-	0	0
ENSG00000108000	IGKV2D-26	IG_V_gene	chr2	89985922	89986702	+	0	0
ENSG00000108000	IGKV3D-20	IG_V_gene	chr2	90038848	90039479	+	0	0
ENSG00000108000	IGKV6D-41	IG_V_gene	chr2	90069662	90070238	+	0	0
ENSG00000108000	IGKV3D-11	IG_V_gene	chr2	90172802	90173414	+	0	0
ENSG00000108000	IGKV1D-42	IG_V_gene	chr2	90190193	90190681	+	0	0
ENSG00000108000	IGLV4-69	IG_V_gene	chr22	22030934	22031472	+	0	0
ENSG00000108000	IGLV8-61	IG_V_gene	chr22	22098700	22099212	+	0	0
ENSG00000108000	IGLV4-60	IG_V_gene	chr22	22162199	22162681	+	0	0
ENSG00000108000	IGLV6-57	IG_V_gene	chr22	22195799	22196276	+	0	0
ENSG00000108000	IGLV11-55	IG_V_gene	chr22	22201663	22202161	+	0	0
ENSG00000108000	IGLV10-54	IG_V_gene	chr22	22038643	22215270	+	0	0
ENSG00000108000	IGLV5-52	IG_V_gene	chr22	22318727	22319226	+	2.78	1.78
ENSG00000108000	IGLV1-51	IG_V_gene	chr22	22322472	22322969	+	0	0.24
ENSG00000108000	IGLV1-50	IG_V_gene	chr22	22327300	22327814	+	0	0

ENSG00000101450	IGLV5-48	IG_V_gene chr22	22352940	22353433	+	0	0
ENSG00000101451	IGLV1-47	IG_V_gene chr22	22357739	22358260	+	0	0
ENSG00000101452	IGLV7-46	IG_V_gene chr22	22369614	22370087	+	0	0
ENSG00000101453	IGLV5-45	IG_V_gene chr22	22375986	22376505	+	0	0
ENSG00000101454	IGLV1-44	IG_V_gene chr22	22380766	22381347	+	0	0
ENSG00000101455	IGLV7-43	IG_V_gene chr22	22395018	22395489	+	0	0
ENSG00000101456	IGLV1-40	IG_V_gene chr22	22409766	22410282	+	0	0
ENSG00000101457	IGLV5-37	IG_V_gene chr22	22427540	22428035	+	0	0
ENSG00000101458	IGLV1-36	IG_V_gene chr22	22431958	22432465	+	0	0
ENSG00000101459	IGLV2-33	IG_V_gene chr22	22588155	22588688	+	0	0
ENSG00000101460	IGLV3-32	IG_V_gene chr22	22594528	22595056	+	0	0
ENSG00000101461	IGLV3-27	IG_V_gene chr22	22668288	22668806	+	0	0
ENSG00000101462	IGLV3-25	IG_V_gene chr22	22686726	22687271	+	0	0
ENSG00000101463	IGLV2-23	IG_V_gene chr22	22697789	22698407	+	0	0
ENSG00000101464	IGLV3-22	IG_V_gene chr22	22704265	22704822	+	0	0
ENSG00000101465	IGLV3-21	IG_V_gene chr22	22711689	22713203	+	0	0
ENSG00000101466	IGLV3-19	IG_V_gene chr22	22720623	22721145	+	0	0
ENSG00000101467	IGLV2-18	IG_V_gene chr22	22734607	22735096	+	0	0
ENSG00000101468	IGLV3-16	IG_V_gene chr22	22747383	22747911	+	0	0
ENSG00000101469	IGLV2-14	IG_V_gene chr22	22758700	22759218	+	0	0
ENSG00000101470	IGLV3-12	IG_V_gene chr22	22771824	22772586	+	0	0
ENSG00000101471	IGLV2-11	IG_V_gene chr22	22792491	22793007	+	0	0
ENSG00000101472	IGLV3-10	IG_V_gene chr22	22811747	22812285	+	0	0
ENSG00000101473	IGLV3-9	IG_V_gene chr22	22819010	22819756	+	0	0
ENSG00000101474	IGLV4-3	IG_V_gene chr22	22871507	22872035	+	0	0
ENSG00000101475	IGLV3-1	IG_V_gene chr22	22880706	22881396	+	0	0
ENSG00000101476	IGLJ1	IG_J_gene chr22	22893692	22893818	+	0	0
ENSG00000101477	IGLC1	IG_C_gene chr22	22895375	22895834	+	0	0
ENSG00000101478	IGLJ2	IG_J_gene chr22	22899481	22899655	+	0	0
ENSG00000101479	IGLC2	IG_C_gene chr22	22900976	22901437	+	0	0
ENSG00000101480	IGLJ3	IG_J_gene chr22	22904850	22905025	+	0	0
ENSG00000101481	IGLC3	IG_C_gene chr22	22906342	22906803	+	0	0
ENSG00000101482	IGLJ4	IG_J_gene chr22	22910574	22910606	+	0	0
ENSG00000101483	IGLJ5	IG_J_gene chr22	22914237	22914308	+	0	0
ENSG00000101484	IGLJ6	IG_J_gene chr22	22918132	22918201	+	0	0
ENSG00000101485	KB-1572G7	processed_chr22	23630618	23638941	-	0	0.06
ENSG00000101486	IGLJ7	IG_J_gene chr22	22921390	22921435	+	0	0
ENSG00000101487	IGLC7	IG_C_gene chr22	22922594	22923034	+	0	0
ENSG00000101488	TRGJ2	TR_J_gene chr7	38253380	38253429	-	0	0
ENSG00000101489	TRGJP2	TR_J_gene chr7	38256337	38256396	-	0	0
ENSG00000101490	TRGC1	TR_C_gene chr7	38257879	38265678	-	0	0
ENSG00000101491	TRGJ1	TR_J_gene chr7	38269491	38269540	-	0	0
ENSG00000101492	TRGJP	TR_J_gene chr7	38273587	38273647	-	0	0
ENSG00000101493	TRGJP1	TR_J_gene chr7	38276259	38276318	-	0	0
ENSG00000101494	TRGV11	TR_V_gene chr7	38291616	38292078	-	0	0

ENSG0000(TRGV10	TR_V_gene chr7	38299811	38300322 -	0	0
ENSG0000(TRGV9	TR_V_gene chr7	38317017	38318861 -	0	0
ENSG0000(TRGV8	TR_V_gene chr7	38330343	38330935 -	0.17	0
ENSG0000(TRGV5	TR_V_gene chr7	38349355	38350022 -	0	0
ENSG0000(TRGV4	TR_V_gene chr7	38353715	38354517 -	0	0
ENSG0000(TRGV3	TR_V_gene chr7	38358512	38359162 -	0	0
ENSG0000(TRGV1	TR_V_gene chr7	38367586	38368169 -	0	0
ENSG0000(TRBV6-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV7-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV4-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV6-4	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV7-3	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV5-3	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV9	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV10-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV11-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV6-5	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV6-6	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV5-5	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV7-6	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV5-6	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV5-7	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV5-1	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV12-2	TR_V_pseu chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV4-2	TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(TRBV19	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV20-1	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV23-1	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV24-1	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBC1	TR_C_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV27	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBV28	TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-1	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-2	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-2P	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-3	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-4	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-5	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-6	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBJ2-7	TR_J_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRBC2	TR_C_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(TRAV2	TR_V_gene chr14	21712321	21712843 +	0	0
ENSG0000(TRAV3	TR_V_gene chr14	21723713	21724321 +	0	0
ENSG0000(TRAV4	TR_V_gene chr14	21736152	21736982 +	0	0
ENSG0000(TRAV5	TR_V_gene chr14	21749178	21749705 +	0	0

ENSG0000017466	TR_V_gene chr14	21768489	21769080	+	0	0
ENSG0000017467	TR_V_gene chr14	21782993	21783503	+	0	0
ENSG0000017468	TR_V_gene chr14	21797287	21797886	+	0	0
ENSG0000017469	TR_V_gene chr14	21811502	21811977	+	0	0
ENSG0000017470	TR_V_gene chr14	21825472	21826075	+	0	0
ENSG0000017471	TR_V_gene chr14	21841240	21841774	+	0	0
ENSG0000017472	TR_V_gene chr14	21846537	21847221	+	0	0
ENSG0000017473	TR_V_gene chr14	21852558	21853006	+	0	0
ENSG0000017474	TR_V_gene chr14	21868839	21869365	+	0	0
ENSG0000017475	TR_V_gene chr14	21887857	21888502	+	0	0
ENSG0000017476	TR_V_gene chr14	21894433	21895030	+	0	0
ENSG0000017477	TR_V_gene chr14	21918188	21918756	+	0	0
ENSG0000017478	TR_V_gene chr14	21924063	21924651	+	0	0
ENSG0000017479	TR_V_gene chr14	21941128	21941657	+	0	0
ENSG0000017480	TR_V_gene chr14	21965451	21966061	+	0	0
ENSG0000017481	TR_V_gene chr14	21978459	21979120	+	0	0
ENSG0000017482	TR_V_gene chr14	21990496	21990938	+	0	0
ENSG0000017483	TR_V_gene chr14	21997539	21998168	+	0	0
ENSG0000017484	TR_V_gene chr14	22003106	22003673	+	0	0
ENSG0000017485	TR_V_gene chr14	22007512	22008181	+	0	0
ENSG0000017486	TR_V_gene chr14	22040594	22041153	+	0	0
ENSG0000017487	TR_V_gene chr14	22052514	22053056	+	0	0
ENSG0000017488	TR_V_gene chr14	22070557	22071208	+	0	0
ENSG0000017489	TR_V_gene chr14	22086407	22086961	+	0	0
ENSG0000017490	TR_V_gene chr14	22096032	22096619	+	0	0
ENSG0000017491	TR_V_gene chr14	22105343	22105846	+	0	0
ENSG0000017492	TR_V_gene chr14	22112347	22113031	+	0	0
ENSG0000017493	TR_V_gene chr14	22123318	22124285	+	0	0
ENSG0000017494	TR_V_gene chr14	22132553	22133034	+	0	0
ENSG0000017495	TR_V_gene chr14	22147995	22148633	+	0	0
ENSG0000017496	TR_V_gene chr14	22163238	22163870	+	0	0
ENSG0000017497	TR_V_gene chr14	22202583	22203368	+	0	0
ENSG0000017498	TR_V_gene chr14	22207522	22208129	+	0	0
ENSG0000017499	TR_V_pseu chr14	22221896	22222475	+	0	0
ENSG0000017500	TR_V_gene chr14	22226746	22227254	+	0	0
ENSG0000017501	TR_V_gene chr14	22271968	22272563	+	0	0
ENSG0000017502	TR_V_gene chr14	22281105	22281748	+	0	0
ENSG0000017503	TR_V_gene chr14	22304054	22304553	+	0	0
ENSG0000017504	TR_V_gene chr14	22314490	22314919	+	0	0
ENSG0000017505	TR_V_gene chr14	22320188	22320691	+	0	0
ENSG0000017506	TR_V_gene chr14	22422371	22423042	+	0	0
ENSG0000017507	TR_J_gene chr14	22450089	22450139	+	0	0
ENSG0000017508	TR_J_gene chr14	22455249	22455296	+	0	0
ENSG0000017509	TR_J_gene chr14	22456689	22456742	+	0	0
ENSG0000017510	TR_J_gene chr14	22459098	22459156	+	0	0

ENSG0000(TRDC	TR_C_gene chr14	22462932	22465787 +	0.09	0
ENSG0000(TRAJ61	TR_J_gene chr14	22475316	22475375 +	0	0
ENSG0000(TRAJ59	TR_J_gene chr14	22476553	22476606 +	0	0
ENSG0000(TRAJ58	TR_J_gene chr14	22477707	22477769 +	0	0
ENSG0000(TRAJ57	TR_J_gene chr14	22478872	22478934 +	0	0
ENSG0000(TRAJ56	TR_J_gene chr14	22479521	22479582 +	0	0
ENSG0000(TRAJ54	TR_J_gene chr14	22482287	22482346 +	0	0
ENSG0000(TRAJ53	TR_J_gene chr14	22483004	22483069 +	0	0
ENSG0000(TRAJ52	TR_J_gene chr14	22486228	22486296 +	0	0
ENSG0000(TRAJ50	TR_J_gene chr14	22488593	22488652 +	0	0
ENSG0000(TRAJ49	TR_J_gene chr14	22489488	22489543 +	0	0
ENSG0000(TRAJ48	TR_J_gene chr14	22490491	22490553 +	0	0
ENSG0000(TRAJ47	TR_J_gene chr14	22492851	22492907 +	0	0
ENSG0000(TRAJ46	TR_J_gene chr14	22493403	22493465 +	0	0
ENSG0000(TRAJ45	TR_J_gene chr14	22493925	22493990 +	0	0
ENSG0000(TRAJ44	TR_J_gene chr14	22494821	22494883 +	0	0
ENSG0000(TRAJ43	TR_J_gene chr14	22495913	22495966 +	0	0
ENSG0000(TRAJ42	TR_J_gene chr14	22496887	22496952 +	0	0
ENSG0000(TRAJ41	TR_J_gene chr14	22497657	22497718 +	0	0
ENSG0000(TRAJ40	TR_J_gene chr14	22499689	22499749 +	0	0
ENSG0000(TRAJ39	TR_J_gene chr14	22501601	22501663 +	0	0
ENSG0000(TRAJ38	TR_J_gene chr14	22502231	22502292 +	0	0
ENSG0000(TRAJ35	TR_J_gene chr14	22506644	22506702 +	0	0
ENSG0000(TRAJ34	TR_J_gene chr14	22507666	22507723 +	0	0
ENSG0000(TRAJ33	TR_J_gene chr14	22508602	22508658 +	0	0
ENSG0000(TRAJ32	TR_J_gene chr14	22509341	22509406 +	0	0
ENSG0000(TRAJ31	TR_J_gene chr14	22510968	22511024 +	0	0
ENSG0000(TRAJ30	TR_J_gene chr14	22512852	22512908 +	0	0
ENSG0000(TRAJ29	TR_J_gene chr14	22513939	22513998 +	0	0
ENSG0000(TRAJ28	TR_J_gene chr14	22515623	22515688 +	0	0
ENSG0000(TRAJ27	TR_J_gene chr14	22516273	22516331 +	0	0
ENSG0000(TRAJ26	TR_J_gene chr14	22518446	22518505 +	0	0
ENSG0000(TRAJ25	TR_J_gene chr14	22518812	22518871 +	0	0
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ENSG0000(TRAJ22	TR_J_gene chr14	22522040	22522102 +	0	0
ENSG0000(TRAJ21	TR_J_gene chr14	22523600	22523654 +	0	0
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ENSG0000(TRAJ19	TR_J_gene chr14	22525263	22525322 +	0	0
ENSG0000(TRAJ18	TR_J_gene chr14	22525650	22525715 +	0	0
ENSG0000(TRAJ17	TR_J_gene chr14	22526844	22526906 +	0	0
ENSG0000(TRAJ16	TR_J_gene chr14	22528527	22528586 +	0	0
ENSG0000(TRAJ14	TR_J_gene chr14	22530327	22530378 +	0	0
ENSG0000(TRAJ13	TR_J_gene chr14	22531076	22531138 +	0	0
ENSG0000(TRAJ12	TR_J_gene chr14	22531939	22531998 +	0	0

ENSG0000(TRAJ11	TR_J_gene chr14	22532502	22532561 +	0	0
ENSG0000(TRAJ10	TR_J_gene chr14	22533497	22533560 +	0	0
ENSG0000(TRAJ9	TR_J_gene chr14	22535554	22535614 +	0	0
ENSG0000(TRAJ8	TR_J_pseu chr14	22536145	22536204 +	0	0
ENSG0000(TRAJ7	TR_J_gene chr14	22537622	22537680 +	0	0
ENSG0000(TRAJ6	TR_J_gene chr14	22539073	22539134 +	0	0
ENSG0000(TRAJ5	TR_J_gene chr14	22540247	22540306 +	0	0
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ENSG0000(TRAJ3	TR_J_gene chr14	22543179	22543240 +	0	0
ENSG0000(TRAJ2	TR_J_gene chr14	22544071	22544136 +	0	0
ENSG0000(TRAJ1	TR_J_gene chr14	22545037	22545098 +	0	0
ENSG0000(IGHA2	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHE	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHG4	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHG2	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHA1	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHG1	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHG3	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHM	IG_C_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHJ6	IG_J_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHJ2	IG_J_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHJ1	IG_J_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD1-26	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD5-24	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD3-22	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD2-21	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD6-19	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD5-18	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD3-16	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD2-15	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD6-13	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD5-12	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD3-10	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD3-9	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD2-8	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD5-5	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD3-3	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHD2-2	IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV6-1	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV1-2	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV1-3	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV2-5	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV3-7	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(IGHV3-11	IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0

ENSG00000108760	IGHV3-13	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108761	IGHV3-15	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108762	IGHV3-16	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108763	IGHV1-18	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108764	IGHV3-20	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108765	IGHV3-21	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108766	IGHV3-23	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108767	IGHV1-24	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108768	IGHV2-26	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108769	IGHV4-28	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108770	IGHV3-33	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108771	IGHV4-34	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108772	IGHV3-35	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108773	IGHV3-38	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108774	IGHV4-39	IG_V_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108775	IGHV1-45	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108776	IGHV1-46	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108777	IGHV3-48	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108778	IGHV3-49	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108779	IGHV5-51	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108780	IGHV3-53	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108781	IGHV1-58	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108782	IGHV4-61	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108783	IGHV3-66	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108784	IGHV1-69	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108785	IGHV2-70D	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108786	IGHV3-73	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108787	IGHV5-78	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108788	IGHV7-81	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108789	MIR676	miRNA	chrX	70022857	70022923	+	0	0
ENSG00000108790	MIR708	miRNA	chr11	79402022	79402109	-	0	0
ENSG00000108791	MIR509-2	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000108792	MIR509-3	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000108793	MIR548U	miRNA	chr6	57390132	57390212	+	0	0
ENSG00000108794	MIR550A3	miRNA	chr7	29680734	29680828	-	0	0
ENSG00000108795	MIR374B	miRNA	chrX	74218547	74218618	-	0	0
ENSG00000108796	MIR548BA	miRNA	chr2	49059603	49059658	+	0	0
ENSG00000108797	MIR543	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000108798	MIR320C2	miRNA	chr18	24321686	24321735	+	0	0
ENSG00000108799	MIR764	miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG00000108800	MIR301B	miRNA	chr22	21652981	21653058	+	0	0
ENSG00000108801	TSSK1B	protein_co	chr5	1.13E+08	1.13E+08	-	0	0.05
ENSG00000108802	PRR22	protein_co	chr19	5782960	5784765	-	0.36	0.37
ENSG00000108803	TAS2R19	protein_co	chr12	11021619	11022620	-	0.49	0
ENSG00000108804	TAS2R15P	processed	chr12	10964425	10965352	-	0.07	0.66

ENSG0000(TAS2R50	protein_co	chr12	10985913	10986912	-	0	0
ENSG0000(TAS2R14	protein_co	chr12	10937406	11171573	-	0.27	0.47
ENSG0000(TAS2R13	protein_co	chr12	10907926	10909562	-	0.03	0.04
ENSG0000(RNU6-1168	snRNA	chr2	88383494	88383597	-	0	0
ENSG0000(SNORA40	snoRNA	chr20	31376319	31376446	+	0	0
ENSG0000(SNORD67	snoRNA	chr11	46762389	46762499	-	0	17
ENSG0000(RNU6-696F	snRNA	chr21	37045530	37045636	+	0	0
ENSG0000(RNA5SP37	rRNA	chr12	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU6-132C	snRNA	chr2	94846533	94846639	-	0	0
ENSG0000(U8	snoRNA	chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(U8	snoRNA	chr3	41899111	41899253	-	0	0
ENSG0000(RNU6-910F	snRNA	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(RNU6-110C	snRNA	chr6	1.05E+08	1.05E+08	-	0	0
ENSG0000(SNORA40	snoRNA	chr17	42940575	42940702	-	0	0
ENSG0000(RNU1-82P	snRNA	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RNA5SP37	rRNA	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RNU6-576F	snRNA	chr10	2199387	2199488	+	0	0
ENSG0000(RNU6-131F	snRNA	chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(SNORD66	snoRNA	chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(RNU6-205F	snRNA	chr4	1.1E+08	1.1E+08	+	0	0
ENSG0000(SNORD64	snoRNA	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(SNORD91A	snoRNA	chr17	2330180	2330370	-	0	0
ENSG0000(U3	snoRNA	chr20	16982831	16983033	-	0	0
ENSG0000(RNU6-763F	snRNA	chr2	1.75E+08	1.75E+08	+	0	0
ENSG0000(SNORD78	snoRNA	chr2	57544535	57544599	+	0	0
ENSG0000(RNU1-77P	snRNA	chr15	82174224	82174385	-	0	0
ENSG0000(RNA5SP86	rRNA	chr2	20401627	20401724	-	0	0
ENSG0000(RNU1-149F	snRNA	chr12	22195469	22195629	-	0	0
ENSG0000(SNORA12	snoRNA	chr2	55565703	55565850	+	0	0
ENSG0000(RNA5SP20	rRNA	chr6	41239520	41239626	-	0	0
ENSG0000(SNORA48	snoRNA	chr2	1.48E+08	1.48E+08	-	0	0
ENSG0000(U3	snoRNA	chr2	1.14E+08	1.14E+08	-	0	0
ENSG0000(RNU6-440F	snRNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNU6-258F	snRNA	chr17	20126388	20126488	-	0	0
ENSG0000(SNORA26	snoRNA	chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(RNU6-328F	snRNA	chr16	7004007	7004112	-	0	0
ENSG0000(RNU6-298F	snRNA	chr17	30861843	30861938	+	0	0
ENSG0000(SNORD65	snoRNA	chr4	1.79E+08	1.79E+08	-	0	0
ENSG0000(U3	snoRNA	chr17	58631641	58631836	-	0	0
ENSG0000(RNU6-127F	snRNA	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(RNA5SP91	rRNA	chr2	33285769	33285887	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(SNORA69	snoRNA	chr17	8329583	8329719	+	0	0
ENSG0000(RNU6-132J	snRNA	chrX	41570923	41571029	-	0	0
ENSG0000(U3	snoRNA	chr3	60856389	60856605	-	0	0

ENSG0000(SNORA48)	snoRNA	chrX	3532117	3532251	-	0	0
ENSG0000(RNU6-913F)	snRNA	chr5	61664145	61664239	-	0	0
ENSG0000(RNU6-816F)	snRNA	chr22	15701459	15701565	+	0	0
ENSG0000(RNU6-604F)	snRNA	chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(RNU6-220F)	snRNA	chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(SNORA26)	snoRNA	chr20	41712479	41712600	-	0	0
ENSG0000(RNU6-907F)	snRNA	chr4	89130852	89130953	+	0	0
ENSG0000(SNORA48)	snoRNA	chr16	11274113	11274236	-	0	0
ENSG0000(SNORD65)	snoRNA	chr6	67210408	67210480	-	0	0
ENSG0000(RNU6-747F)	snRNA	chr1	2.43E+08	2.43E+08	-	0	0
ENSG0000(SNORD17)	snoRNA	chr20	17962710	17962946	-	0	0
ENSG0000(RNA5SP18)	rRNA	chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RNA5SP24)	rRNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RNU6-930F)	snRNA	chr6	28915645	28915744	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	1.37E+08	1.37E+08	+	0	0
ENSG0000(RNU6-360F)	snRNA	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(RNU6-278F)	snRNA	chr20	13973316	13973424	-	0	0
ENSG0000(RNU6-750F)	snRNA	chr1	99978939	99979045	+	0	0
ENSG0000(U8)	snoRNA	chr5	68873954	68874087	+	0	0
ENSG0000(RNA5SP37)	rRNA	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNU6-117)	snRNA	chr1	65022968	65023074	-	0	0
ENSG0000(RNA5SP17)	rRNA	chr5	7047227	7047336	+	0	0
ENSG0000(RNU6-308F)	snRNA	chr5	95521369	95521475	+	0	0
ENSG0000(RNU6-724F)	snRNA	chr5	69530613	69530717	-	0	0
ENSG0000(SNORD65)	snoRNA	chr7	23396446	23396516	+	0	0
ENSG0000(RNA5SP18)	rRNA	chr5	56260333	56260446	-	0	0
ENSG0000(SNORA40)	snoRNA	chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(RNU6-788F)	snRNA	chr3	23641489	23641592	-	0	0
ENSG0000(SNORD37)	snoRNA	chr14	25806648	25806712	-	0	0
ENSG0000(SNORA40)	snoRNA	chr8	1.34E+08	1.34E+08	-	0	0
ENSG0000(RNA5SP29)	rRNA	chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(SNORD81)	snoRNA	chr5	18236123	18236196	+	0	0
ENSG0000(SNORD77)	snoRNA	chr15	74490959	74491028	-	0	0
ENSG0000(RNA5SP25)	rRNA	chr8	17748118	17748230	+	0	0
ENSG0000(RNU6-578F)	snRNA	chr4	12312588	12312690	+	0	0
ENSG0000(SNORD89)	snoRNA	chr2	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNA5SP33)	rRNA	chr11	27521605	27521726	-	0	0
ENSG0000(RNA5SP42)	rRNA	chr16	47450347	47450461	-	0	0
ENSG0000(RNU6-239F)	snRNA	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(SNORA16)	snoRNA	chr13	32420390	32420516	-	0	0
ENSG0000(SNORD28)	snoRNA	chr6	1.56E+08	1.56E+08	+	0	0
ENSG0000(SNORD72)	snoRNA	chr5	40832656	40832735	-	0	0
ENSG0000(RNU6-821F)	snRNA	chr3	1.98E+08	1.98E+08	-	0	0
ENSG0000(RNU6-100)	snRNA	chr12	64204793	64204899	+	0	0

ENSG0000(SNORD41)	snoRNA	chr14	22756761	22756829	-	0	0
ENSG0000(RNU6-1154)	snRNA	chr7	1.36E+08	1.36E+08	-	0	0
ENSG0000(SNORD12)	snoRNA	chr20	49280683	49280772	+	0	0
ENSG0000(RNU6-679F)	snRNA	chr5	12297399	12297504	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNA5SP23)	rRNA	chr1	78375164	78375268	-	0	0
ENSG0000(SNORD70)	snoRNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNA5SP10)	rRNA	chr2	1.62E+08	1.62E+08	+	0	0
ENSG0000(RNU6-1307)	snRNA	chr19	54263951	54264053	-	0	0
ENSG0000(RNU6-1228)	snRNA	chr9	75198071	75198177	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr3	1.02E+08	1.02E+08	-	0	0
ENSG0000(U3)	snoRNA	chrX	1.23E+08	1.23E+08	+	0	0
ENSG0000(RNU6-129F)	snRNA	chr10	83764358	83764464	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	1E+08	1E+08	-	0	0
ENSG0000(RNU6-882F)	snRNA	chr3	9919051	9919153	-	0	0
ENSG0000(RNU6-316F)	snRNA	chr18	14190700	14190806	+	0	0
ENSG0000(RNU6-244F)	snRNA	chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RNA5SP29)	rRNA	chr10	154831	154943	-	0	0
ENSG0000(RNU6-780F)	snRNA	chr10	86488446	86488549	+	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	22852616	22852728	-	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	81622200	81622319	+	0	0
ENSG0000(SNORA67)	snoRNA	chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RNU6-739F)	snRNA	chr3	64511755	64511857	+	0	0
ENSG0000(SNORA12)	snoRNA	chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(RNU6-823F)	snRNA	chr3	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU6-700F)	snRNA	chr12	9624122	9624228	-	0	0
ENSG0000(SNORD77)	snoRNA	chrX	45892912	45892979	-	0	0
ENSG0000(RNU6-130)	snRNA	chr8	74048677	74048784	+	0	0
ENSG0000(RNU6-1242)	snRNA	chr18	39678520	39678622	-	0	0
ENSG0000(RNU6-837F)	snRNA	chr12	17071398	17071505	-	0	0
ENSG0000(RNU6-550F)	snRNA	chr4	1.21E+08	1.21E+08	+	0	0
ENSG0000(RNU6-117)	snRNA	chr1	61852499	61852602	+	0	0
ENSG0000(SNORA40)	snoRNA	chr5	74882656	74882783	-	0	0
ENSG0000(RNA5SP33)	rRNA	chr11	14134986	14135100	+	0	0
ENSG0000(RNU6-124)	snRNA	chr1	72717663	72717769	-	0	0
ENSG0000(RNU6-100)	snRNA	chr4	76356610	76356715	-	0	0
ENSG0000(RNU6-482F)	snRNA	chr5	1.13E+08	1.13E+08	+	0	0
ENSG0000(SNORA46)	snoRNA	chr14	77466284	77466436	+	0	0
ENSG0000(RNA5SP17)	rRNA	chr4	1.67E+08	1.67E+08	-	0	0
ENSG0000(RNU6-401F)	snRNA	chr15	83717427	83717522	+	0	0
ENSG0000(SNORD37)	snoRNA	chr13	72453902	72453967	-	0	0
ENSG0000(SNORD78)	snoRNA	chr2	72760534	72760602	+	0	0
ENSG0000(RNU6-269F)	snRNA	chr16	58378052	58378148	-	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25264510	25264590	+	0	0

ENSG0000(RNU6-159F) snRNA	chr16	27863251	27863356	+	0	0
ENSG0000(SNORA48) snoRNA	chr12	56861375	56861508	+	0	0
ENSG0000(SNORD113) snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-817F) snRNA	chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(RNU6-105F) snRNA	chr4	1.87E+08	1.87E+08	+	0	0
ENSG0000(RNU6-796F) snRNA	chr15	84939617	84939723	-	0	0
ENSG0000(RNU6-127F) snRNA	chr2	1.48E+08	1.48E+08	+	0	0
ENSG0000(SNORA48) snoRNA	chr2	2.27E+08	2.27E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	57493667	57493780	+	0	0
ENSG0000(SNORA67) snoRNA	chr9	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNA5SP32) rRNA	chr10	93510548	93510680	-	0	0
ENSG0000(snosnR66) snoRNA	chr11	1.13E+08	1.13E+08	-	0	0
ENSG0000(RNU6-124F) snRNA	chr1	2.24E+08	2.24E+08	+	0	0
ENSG0000(SNORA74B) snoRNA	chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	1.83E+08	1.83E+08	+	0	0
ENSG0000(RNU6-663F) snRNA	chr8	32911493	32911598	-	0	0
ENSG0000(RNY4P18) misc_RNA	chr9	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU6-932F) snRNA	chr2	1.58E+08	1.58E+08	-	0	0
ENSG0000(SNORD115) snoRNA	chr10	29575306	29575381	+	0	0
ENSG0000(RNU11-3P) snRNA	chr10	1.03E+08	1.03E+08	-	0	0
ENSG0000(SNORD77) snoRNA	chr8	1E+08	1E+08	+	0	0
ENSG0000(SNORD77) snoRNA	chr15	32970727	32970791	+	0	0
ENSG0000(RNY4P36) misc_RNA	chr17	76703632	76703727	-	0	0
ENSG0000(RNU6-111F) snRNA	chr15	89886485	89886591	-	0	0
ENSG0000(SNORA26) snoRNA	chr9	87260450	87260585	+	0	0
ENSG0000(U3) snoRNA	chr7	10222797	10223011	+	0	0
ENSG0000(RNU1-119F) snRNA	chr15	44884616	44884780	+	0	0
ENSG0000(RNA5SP10) rRNA	chr2	1.38E+08	1.38E+08	-	0	0
ENSG0000(SNORD115) snoRNA	chr15	25159221	25159279	+	0	0
ENSG0000(RNU11-6P) snRNA	chr8	80749561	80749693	-	0	0
ENSG0000(SNORA75) snoRNA	chr12	9445058	9445205	+	0	0
ENSG0000(RNA5SP25) rRNA	chr8	10686569	10686687	+	0	0
ENSG0000(U3) snoRNA	chrX	69692956	69693155	+	0	0
ENSG0000(SNORA75) snoRNA	chr12	9286673	9286822	-	0	0
ENSG0000(RNU6-126F) snRNA	chr9	40233923	40234029	+	0	0
ENSG0000(RNU6-243F) snRNA	chr3	35256840	35256946	-	0	0
ENSG0000(SNORA53) snoRNA	chr12	98599635	98599883	+	0	1.77
ENSG0000(SNORA48) snoRNA	chr16	68189287	68189421	+	0	5.02
ENSG0000(RNU6-131F) snRNA	chr17	44135883	44135989	-	0	0
ENSG0000(SNORD90) snoRNA	chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	95617689	95617786	+	0	0
ENSG0000(RNU6-241F) snRNA	chr7	45789585	45789688	+	0	0
ENSG0000(RNU11-4P) snRNA	chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(SNORD69) snoRNA	chr3	52692736	52692812	+	0	0
ENSG0000(RNA5SP28) rRNA	chr9	73750972	73751077	-	0	0

ENSG0000(SNORA40)	snoRNA	chr2	18040606	18040733	-	0	0
ENSG0000(RNU6-644F)	snRNA	chr5	1.16E+08	1.16E+08	-	0	0
ENSG0000(SNORA48)	snoRNA	chr4	1118884	1119013	+	0	0
ENSG0000(RNU6-695F)	snRNA	chr1	90253456	90253559	-	0	0
ENSG0000(RNU6-460F)	snRNA	chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000(SNORA17)	snoRNA	chr12	71639355	71639483	+	0	0
ENSG0000(SNORA12)	snoRNA	chr10	1E+08	1E+08	-	0	0
ENSG0000(RNU6-952F)	snRNA	chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU6-754F)	snRNA	chr6	46018745	46018851	+	0	0
ENSG0000(RNU6-115E)	snRNA	chr17	56871170	56871276	+	0	0
ENSG0000(RNU1-101F)	snRNA	chr8	70077906	70078032	-	0	0
ENSG0000(RNU6-400F)	snRNA	chr12	33576095	33576200	+	0	0
ENSG0000(U3)	snoRNA	chr21	29180425	29180639	-	0	0
ENSG0000(RNU6-530F)	snRNA	chr7	79343266	79343372	-	0	0
ENSG0000(RNU6-119G)	snRNA	chr8	74079537	74079643	+	0	0
ENSG0000(RNU6-110G)	snRNA	chr3	1.9E+08	1.9E+08	-	0	0
ENSG0000(SNORA26)	snoRNA	chr4	52748137	52748259	+	0	0
ENSG0000(SNORD19)	snoRNA	chr3	52689248	52689315	+	0	0
ENSG0000(RNU6-332F)	snRNA	chrX	94003815	94003922	-	0	0
ENSG0000(RNU6-109G)	snRNA	chr12	50256238	50256344	-	0	0
ENSG0000(RNA5SP46)	rRNA	chr19	12027913	12028021	-	0	0
ENSG0000(SNORD86)	snoRNA	chr20	2656097	2656182	+	0	0
ENSG0000(RNA5SP30)	rRNA	chr10	12924679	12924785	-	0	0
ENSG0000(RNA5SP29)	rRNA	chr10	8656716	8656831	-	0	0
ENSG0000(RNU6-972F)	snRNA	chrX	1.37E+08	1.37E+08	+	0	0
ENSG0000(U3)	snoRNA	chr15	36852640	36852859	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNU6-126E)	snRNA	chr14	19422815	19422921	-	0	0
ENSG0000(SNORA26)	snoRNA	chr20	5121417	5121539	-	0	0
ENSG0000(RNU11-5P)	snRNA	chr14	29476784	29476912	+	0	0
ENSG0000(RNU6-125C)	snRNA	chr10	67808502	67808608	+	0	0
ENSG0000(RNU6-918F)	snRNA	chr9	98032230	98032335	+	0	0
ENSG0000(RNA5SP21)	rRNA	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU6-466F)	snRNA	chr15	30956248	30956350	-	0	0
ENSG0000(RNA5SP63)	rRNA	chr1	1.64E+08	1.64E+08	+	0	0
ENSG0000(SNORD115)	snoRNA	chr15	25268466	25268551	+	0	0
ENSG0000(SNORA57)	snoRNA	chr5	1.72E+08	1.72E+08	-	0	0
ENSG0000(SNORD66)	snoRNA	chr6	51464690	51464765	+	0	0
ENSG0000(SNORA75)	snoRNA	chr12	31076867	31077016	-	0	0
ENSG0000(SNORD70)	snoRNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNU6-808F)	snRNA	chr12	95290692	95290799	+	0	0
ENSG0000(RNA5SP47)	rRNA	chr20	5098387	5098476	-	0	0
ENSG0000(U3)	snoRNA	chr1	1.64E+08	1.64E+08	+	0	0
ENSG0000(U3)	snoRNA	chr18	56957270	56957469	+	0	0
ENSG0000(RNU6-510F)	snRNA	chr1	37991462	37991569	+	0	0

ENSG0000(RNA5SP49) rRNA	chr22	31305404	31305512	+	0	0
ENSG0000(RNU6-337F) snRNA	chr7	79030240	79030345	+	0	0
ENSG0000(RNU6-995F) snRNA	chrX	80936434	80936540	+	0	0
ENSG0000(RNA5SP35) rRNA	chr12	26373598	26373733	-	0	0
ENSG0000(RNU1-78P) snRNA	chr15	45002864	45003028	-	0	0
ENSG0000(U3) snoRNA	chr11	32081764	32081973	+	0	0
ENSG0000(SNORD116) snoRNA	chr13	39857135	39857227	-	0	0
ENSG0000(RNU6-192F) snRNA	chr20	17903762	17903861	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(SNORA26) snoRNA	chr2	10090205	10090319	-	0	0
ENSG0000(RNA5SP35) rRNA	chr13	94025470	94025598	-	0	0
ENSG0000(RNU6-630F) snRNA	chrX	42139425	42139530	-	0	0
ENSG0000(RNU6-381F) snRNA	chr5	44066624	44066731	-	0	0
ENSG0000(RNU6-132G) snRNA	chr21	15614283	15614389	+	0	0
ENSG0000(SNORA68) snoRNA	chr17	48880840	48880967	+	0	0
ENSG0000(SNORA57) snoRNA	chr5	40790077	40790204	-	0	0
ENSG0000(RNU6-125G) snRNA	chr7	66891188	66891291	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr22	50669804	50669901	+	0	0
ENSG0000(RNA5SP48) rRNA	chr20	32050588	32050705	+	0	0
ENSG0000(RNU6-903F) snRNA	chr18	9617964	9618072	-	0	0
ENSG0000(RNA5SP46) rRNA	chr19	12106497	12106614	+	0	0
ENSG0000(SNORA40) snoRNA	chr6	35651818	35651945	+	0	0
ENSG0000(SNORA75) snoRNA	chr2	49888868	49888986	-	0	0
ENSG0000(U8) snoRNA	chr2	1.86E+08	1.86E+08	+	0	0
ENSG0000(RNU6-587F) snRNA	chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(SNORA8) snoRNA	chr6	38822307	38822404	-	0	0
ENSG0000(SNORA40) snoRNA	chr6	1.11E+08	1.11E+08	+	0	0
ENSG0000(SNORA26) snoRNA	chr4	52713249	52713370	+	0	0
ENSG0000(SNORA17) snoRNA	chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(SNORA26) snoRNA	chr7	1.53E+08	1.53E+08	+	0	0
ENSG0000(SNORA75) snoRNA	chr16	23441841	23441921	+	0	0
ENSG0000(U8) snoRNA	chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(5S_rRNA) rRNA	chrX	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU6-876F) snRNA	chr11	1.29E+08	1.29E+08	-	0	0
ENSG0000(U3) snoRNA	chr3	90030284	90030495	+	0	0
ENSG0000(RNU6-279F) snRNA	chr12	59369051	59369151	-	0	0
ENSG0000(RNA5SP53) rRNA	chr1	93488333	93488452	-	0	0
ENSG0000(SNORA48) snoRNA	chr15	26008940	26009074	-	0	0
ENSG0000(RNU1-56P) snRNA	chrX	71020275	71020438	-	0	0
ENSG0000(SNORA3B) snoRNA	chr11	8685439	8685569	+	0	5.91
ENSG0000(SNORA26) snoRNA	chr3	53387713	53387836	-	0	0
ENSG0000(RNU1-139F) snRNA	chr21	19345148	19345312	+	0	0
ENSG0000(U3) snoRNA	chr1	2.19E+08	2.19E+08	-	0	0
ENSG0000(SNORD30) snoRNA	chrX	1.14E+08	1.14E+08	+	0	0
ENSG0000(RNU6-123G) snRNA	chr14	18978847	18978953	+	0	0

ENSG0000(SNORD58)	snoRNA	chr14	45088243	45088308	+	0	0
ENSG0000(snoMBII-2C)	snoRNA	chr17	18943999	18944073	+	0	0
ENSG0000(SNORA75)	snoRNA	chr4	79843102	79843228	+	0	0
ENSG0000(RNU6-493F)	snRNA	chrX	80900757	80900864	+	0	0
ENSG0000(SNORA26)	snoRNA	chr1	51724775	51724896	-	0	0
ENSG0000(RNA5SP39)	rRNA	chr15	60736769	60736886	+	0	0
ENSG0000(SNORA48)	snoRNA	chr18	7301020	7301153	-	0	0
ENSG0000(RNA5SP24)	rRNA	chr7	1.21E+08	1.21E+08	-	0	0
ENSG0000(ZRSR1)	protein_co	chr5	1.13E+08	1.13E+08	+	0	0
ENSG0000(KRTAP16-1)	protein_co	chr17	41307700	41309253	-	0	0
ENSG0000(KRTAP29-1)	protein_co	chr17	41301826	41302851	-	0	0
ENSG0000(KRTAP9-6)	protein_co	chr17	41265339	41266641	+	0	0
ENSG0000(RP1-122K4)	lincRNA	chrX	13980066	13988820	-	3.52	4.44
ENSG0000(RP11-592N)	processed	chr15	71341158	71341712	-	0.16	0
ENSG0000(LINC01089)	lincRNA	chr12	1.22E+08	1.22E+08	-	9.22	11.09
ENSG0000(RP11-134K)	processed	chr9	8713311	8713841	+	0	0
ENSG0000(CTAGE1)	protein_co	chr18	22413601	22417915	-	0.04	0.03
ENSG0000(AP002414)	processed	chr18	12056676	12057822	-	0	0
ENSG0000(DEFB117)	processed	chr20	31360790	31360930	+	0	0
ENSG0000(C17orf51)	protein_co	chr17	21524790	21574458	-	3.52	5.5
ENSG0000(KRTAP4-11)	protein_co	chr17	41117181	41118360	-	0	0
ENSG0000(KRTAP4-9)	protein_co	chr17	41105332	41106488	+	0	0
ENSG0000(KRTAP2-3)	protein_co	chr17	41059240	41060114	-	0.21	0
ENSG0000(KRTAP2-1)	protein_co	chr17	41046541	41047316	-	0.24	0
ENSG0000(RP11-563J)	lincRNA	chr10	6350316	6352762	+	0	0
ENSG0000(FAM127C)	protein_co	chrX	1.35E+08	1.35E+08	-	10.4	10.11
ENSG0000(EWSAT1)	lincRNA	chr15	69072926	69095820	+	0	0
ENSG0000(HMGN2P8)	processed	chr10	84081429	84081995	+	0	0
ENSG0000(ST13P5)	processed	chr11	18261982	18263091	+	0	0
ENSG0000(RPL15P3)	processed	chr6	12514110	12514724	+	0.57	0.2
ENSG0000(OR2A42)	protein_co	chr7	1.44E+08	1.44E+08	-	0.03	0
ENSG0000(RPS26P3)	processed	chr9	9090898	9091245	+	0	0
ENSG0000(TTTY2)	lincRNA	chrY	9740584	9758476	+	0	0
ENSG0000(TTTY2B)	lincRNA	chrY	6406244	6424145	-	0	0
ENSG0000(RNF208)	protein_co	chr9	1.37E+08	1.37E+08	-	2.62	2.58
ENSG0000(KRTAP3-3)	protein_co	chr17	40993430	40994133	-	0	0
ENSG0000(KRTAP3-2)	protein_co	chr17	40999193	40999894	-	0	0
ENSG0000(KRTAP3-1)	protein_co	chr17	41008521	41019324	-	0	0
ENSG0000(MT-ND4L)	protein_co	chrM	10470	10766	+	2450.42	2376.47
ENSG0000(MAP10)	protein_co	chr1	2.33E+08	2.33E+08	+	0.06	0.24
ENSG0000(RP11-414H)	lincRNA	chr5	91223419	91223967	+	0	0
ENSG0000(RPL23AP4)	processed	chr21	46690764	46691226	+	0	0
ENSG0000(KRTAP12-4)	protein_co	chr21	44654213	44654659	-	0	0
ENSG0000(KRTAP10-3)	protein_co	chr21	44557790	44558760	-	0	0
ENSG0000(KRTAP6-3)	protein_co	chr21	30592440	30593075	+	0	0

ENSG0000(RP1-29C18 lincRNA chr22	49548681	49556473	+	0	0
ENSG0000(RP11-211N unprocessε chr9	62532397	62532853	-	0	0
ENSG0000(RP11-475L2 processed_ chr9	42568865	42569315	+	0	0
ENSG0000(HNRNPA1P processed_ chr11	74354443	74355720	+	0	0.13
ENSG0000(AC016747. processed_ chr2	61141592	61144969	-	6.38	6.71
ENSG0000(RP11-351E processed_ chr8	72429620	72430112	+	0	0
ENSG0000(POU5F1B protein_co chr8	1.27E+08	1.27E+08	+	0.08	0.09
ENSG0000(RPS26P6 processed_ chr8	1.01E+08	1.01E+08	+	0.16	0
ENSG0000(BTF3P12 processed_ chr8	70273369	70273837	+	0	0.54
ENSG0000(PTTG3P processed_ chr8	66767400	66768005	-	0	0
ENSG0000(RPS15AP3ε processed_ chr19	58216180	58216561	+	0	0.25
ENSG0000(VN2R17P processed_ chr19	56317177	56318008	-	0	0
ENSG0000(ZNF580 protein_co chr19	55635016	55643469	+	13.13	16.66
ENSG0000(AC008746. unprocessε chr19	54521723	54522031	+	0	0
ENSG0000(AL590762. processed_ chrX	71420083	71420514	-	0	0
ENSG0000(ZNF611 protein_co chr19	52702813	52735073	-	1.84	2.54
ENSG0000(KLK9 protein_co chr19	51003111	51009634	-	0	0
ENSG0000(SYT3 protein_co chr19	50621307	50639827	-	0.55	0.7
ENSG0000(NUP62 protein_co chr19	49906825	49929763	-	14.44	13.33
ENSG0000(COX20P1 processed_ chr10	68632371	68632727	+	0	0
ENSG0000(CFL1P4 processed_ chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(RP11-108F processed_ chr1	2.3E+08	2.3E+08	-	0	0
ENSG0000(SPHAR protein_co chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(CGB8 protein_co chr19	49047638	49049106	-	0	0.16
ENSG0000(NDUFA3P3 processed_ chr1	2.26E+08	2.26E+08	+	0	0
ENSG0000(AURKAPS1 transcribec chr1	2.2E+08	2.2E+08	-	0.15	0.21
ENSG0000(RPL23AP8C processed_ chr19	47794467	47794890	-	0	0
ENSG0000(RP11-365D processed_ chr1	2.14E+08	2.14E+08	-	0	0
ENSG0000(RP11-383G processed_ chr1	2.05E+08	2.05E+08	+	0	0
ENSG0000(RP11-532L. processed_ chr1	2E+08	2E+08	+	0	0
ENSG0000(EEF1A1P32 unprocessε chr1	1.98E+08	1.98E+08	+	0	0
ENSG0000(DENND1B protein_co chr1	1.98E+08	1.98E+08	-	2.07	1.85
ENSG0000(OR5S1P unitary_psι chr2	2.4E+08	2.4E+08	+	0	0
ENSG0000(HNRNPA1P processed_ chr12	9027532	9029089	-	0	0
ENSG0000(TPM3P1 processed_ chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(RPL5P5 processed_ chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(EEF1B2P7 processed_ chr2	2.33E+08	2.33E+08	-	0	0
ENSG0000(C1orf220 lincRNA chr1	1.79E+08	1.79E+08	+	0.42	0.46
ENSG0000(RP4-765C7 processed_ chr1	1.78E+08	1.78E+08	+	0	0
ENSG0000(RP4-612B1 processed_ chr1	1.72E+08	1.72E+08	+	0	0
ENSG0000(PFN1P11 processed_ chr10	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP1-206D1 lincRNA chr1	1.69E+08	1.69E+08	+	0.48	0.37
ENSG0000(RPL29P7 processed_ chr1	1.69E+08	1.69E+08	+	0.17	0
ENSG0000(SFT2D2 protein_co chr1	1.68E+08	1.68E+08	+	9.09	10.68
ENSG0000(RP3-431P2 processed_ chr6	1.68E+08	1.68E+08	-	0	0

ENSG0000(FGFR1OP	protein_co	chr6	1.67E+08	1.67E+08	+	5.11	5.08
ENSG0000(RP11-760D	processed_	chr7	56597379	56598342	+	0	0
ENSG0000(RP11-277B	processed_	chr1	1.67E+08	1.67E+08	-	0	0
ENSG0000(KRT8P40	processed_	chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(HMGB3P6	processed_	chr1	1.64E+08	1.64E+08	+	0	0
ENSG0000(LPAL2	transcribec	chr6	1.6E+08	1.61E+08	-	1.45	0.37
ENSG0000(RP11-288H	transcribec	chr6	1.6E+08	1.6E+08	+	2.15	2.02
ENSG0000(RPL31P11	transcribec	chr1	1.62E+08	1.62E+08	-	0.23	0
ENSG0000(yR211F11.	processed_	chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(FAM106A	protein_co	chr17	18524566	18526846	-	0.63	0.36
ENSG0000(RP5-933K2	processed_	chr6	1.57E+08	1.57E+08	-	0	0
ENSG0000(SCAF8	protein_co	chr6	1.55E+08	1.55E+08	+	9.39	8.56
ENSG0000(RP11-312J	processed_	chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(AC012362.	processed_	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(PPP1R14BF	processed_	chr2	2.08E+08	2.08E+08	+	0	0
ENSG0000(AC010731.	processed_	chr2	2.07E+08	2.07E+08	-	0	0
ENSG0000(CFAP45	protein_co	chr1	1.6E+08	1.6E+08	-	0.15	0.11
ENSG0000(RP11-613F	processed_	chr6	1.51E+08	1.51E+08	-	0.21	0
ENSG0000(ACKR1	protein_co	chr1	1.59E+08	1.59E+08	+	0.03	0.14
ENSG0000(PDCL3P5	processed_	chr6	1.51E+08	1.51E+08	+	0.1	0
ENSG0000(AC007256.	processed_	chr2	2.01E+08	2.01E+08	-	0	0.02
ENSG0000(PHBP1	processed_	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(ZNF254	protein_co	chr19	24033405	24129961	+	2.05	2.09
ENSG0000(KRT18P68	processed_	chrX	45983365	45984364	+	0	0
ENSG0000(NPM1P46	processed_	chr2	1.97E+08	1.97E+08	-	0.87	0.08
ENSG0000(AHCYP5	processed_	chr2	1.96E+08	1.96E+08	-	0	0
ENSG0000(BTF3L4P3	processed_	chr6	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-55K2	transcribec	chr6	1.37E+08	1.37E+08	-	0.09	0.15
ENSG0000(AC019178.	processed_	chr2	1.9E+08	1.9E+08	-	0	0
ENSG0000(COX5BP2	transcribec	chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(TUBB8P8	unprocessε	chr3	1.98E+08	1.98E+08	+	0	0
ENSG0000(AC104131.	processed_	chr2	1.88E+08	1.88E+08	+	0	0
ENSG0000(RP3-352A2	processed_	chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(CHCHD2P4	processed_	chr6	1.34E+08	1.34E+08	-	0	0
ENSG0000(LIN28AP1	processed_	chr2	1.83E+08	1.83E+08	+	0	0
ENSG0000(RP11-306C	lincRNA	chr6	1.53E+08	1.53E+08	+	5.4	3.68
ENSG0000(RPL23AP4ε	processed_	chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(TCTEX1D2	protein_co	chr3	1.96E+08	1.96E+08	-	6.9	11.86
ENSG0000(AC092642.	processed_	chr2	1.8E+08	1.8E+08	+	0	0
ENSG0000(RPL32P31	processed_	chr17	80542203	80542605	+	0	0
ENSG0000(EEF1DP5	processed_	chr6	1.29E+08	1.29E+08	-	0.08	0.18
ENSG0000(YWHAZP4	processed_	chr6	1.27E+08	1.27E+08	+	0.37	0.41
ENSG0000(PPP1R14BF	processed_	chr6	1.26E+08	1.26E+08	-	0	0
ENSG0000(ARF1P2	processed_	chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(CRYGS	protein_co	chr3	1.87E+08	1.87E+08	-	0.61	0.61

ENSG0000(ELK2AP	processed_ chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(RP11-64B1	processed_ chr12	1.19E+08	1.19E+08 +	0.16	0.34
ENSG0000(CRIP1	protein_co chr14	1.05E+08	1.05E+08 +	71.86	82.61
ENSG0000(RPL23AP6C	processed_ chr10	1.34E+08	1.34E+08 +	1.14	1.36
ENSG0000(AC073465.	processed_ chr2	1.73E+08	1.73E+08 -	0	0
ENSG0000(CNN2P9	processed_ chr6	1.11E+08	1.11E+08 +	0.27	0.08
ENSG0000(RP11-346C	processed_ chr6	1.11E+08	1.11E+08 +	0	0
ENSG0000(RPL7AP60	processed_ chr12	1.12E+08	1.12E+08 -	0	0
ENSG0000(RP11-259P	processed_ chr11	1.34E+08	1.34E+08 -	0	0
ENSG0000(RP11-252C	processed_ chr3	1.82E+08	1.82E+08 -	0	0
ENSG0000(RP11-259P	processed_ chr3	1.81E+08	1.81E+08 -	0	0.23
ENSG0000(GAPDHP36	processed_ chr3	1.8E+08	1.8E+08 +	0	0
ENSG0000(CEND1P1	processed_ chr14	1.04E+08	1.04E+08 +	0	0
ENSG0000(KLHL23	protein_co chr2	1.7E+08	1.7E+08 +	1.57	1.56
ENSG0000(Metazoa_S	misc_RNA chr7	1.16E+08	1.16E+08 +	0	0
ENSG0000(RP11-393N	processed_ chr3	1.74E+08	1.74E+08 +	0	0
ENSG0000(SAR1AP2	processed_ chr10	1.26E+08	1.26E+08 +	0	0
ENSG0000(LINGO4	protein_co chr1	1.52E+08	1.52E+08 -	0	0
ENSG0000(RP1-228H1	processed_ chr1	40364766	40365183 +	0	0
ENSG0000(RP11-373E	processed_ chr3	1.71E+08	1.71E+08 -	0	0
ENSG0000(RPL13P6	processed_ chr14	1.03E+08	1.03E+08 +	0	0
ENSG0000(PRDX2P4	processed_ chr6	1E+08	1E+08 +	0	0
ENSG0000(RP11-641D	processed_ chr3	1.69E+08	1.69E+08 -	49.47	39.86
ENSG0000(RPL17P41	processed_ chr17	67784753	67785293 +	0	0
ENSG0000(RPL36AP48	processed_ chr17	67224728	67225041 +	0	0
ENSG0000(OR10N1P	unprocessε chr11	1.24E+08	1.24E+08 -	0	0
ENSG0000(OR10D5P	unprocessε chr11	1.24E+08	1.24E+08 +	0	0
ENSG0000(RPS7P8	processed_ chr6	96648489	96649069 -	0	0
ENSG0000(RP11-335F	processed_ chr11	1.23E+08	1.23E+08 +	0	0
ENSG0000(FAM24B	protein_co chr10	1.23E+08	1.23E+08 -	1.47	0.93
ENSG0000(TRIM59	protein_co chr3	1.6E+08	1.6E+08 -	2.24	1.45
ENSG0000(COPS5P1	processed_ chr6	93091976	93092760 -	0	0
ENSG0000(YBX1P4	processed_ chr7	1.52E+08	1.52E+08 +	0	0
ENSG0000(BTF3L4P2	processed_ chr2	1.59E+08	1.59E+08 +	33.57	42.05
ENSG0000(MLLT11	protein_co chr1	1.51E+08	1.51E+08 +	3.63	4.51
ENSG0000(CDK7P1	processed_ chr2	1.57E+08	1.57E+08 -	0	0
ENSG0000(AC012066.	processed_ chr2	1.52E+08	1.52E+08 +	0.19	0.11
ENSG0000(ASIC3	protein_co chr7	1.51E+08	1.51E+08 +	0.95	1.14
ENSG0000(FABP5P10	processed_ chr2	1.51E+08	1.51E+08 +	0	0
ENSG0000(GIMAP1	protein_co chr7	1.51E+08	1.51E+08 +	0.04	0.04
ENSG0000(RP3-382I1C	protein_co chr6	87408012	87511634 +	0.19	0.5
ENSG0000(STRADBP1	processed_ chr7	1.51E+08	1.51E+08 -	0	0
ENSG0000(AC005229.	processed_ chr7	1.49E+08	1.49E+08 +	0	0
ENSG0000(AC005229.	processed_ chr7	1.49E+08	1.49E+08 +	0	0
ENSG0000(KRT18P64	processed_ chr6	85287789	85289007 +	0	0

ENSG0000(NCLP1	processed_ chr9	1.37E+08	1.37E+08 -	0	0
ENSG0000(CCDC183	protein_co chr9	1.37E+08	1.37E+08 +	0.38	0.43
ENSG0000(ARHGFEF35	protein_co chr7	1.44E+08	1.44E+08 -	0.32	0.47
ENSG0000(OR2F1	polymorph chr7	1.44E+08	1.44E+08 +	0	0
ENSG0000(RP11-355C	processed_ chr9	1.23E+08	1.23E+08 -	0	0
ENSG0000(CSH2	protein_co chr17	63872012	63873766 -	0	0
ENSG0000(DNLZ	protein_co chr9	1.36E+08	1.36E+08 -	6.22	5.55
ENSG0000(AC093724.	processed_ chr2	1.32E+08	1.32E+08 -	0	0
ENSG0000(NOC2LP1	transcribec chr2	1.3E+08	1.3E+08 +	0	0
ENSG0000(RP11-337C	processed_ chr1	1.47E+08	1.47E+08 +	0	0
ENSG0000(RPL12P38	transcribec chr17	60433678	60435996 -	0.63	0.16
ENSG0000(TCL1B	protein_co chr14	95686417	95692643 +	0	0
ENSG0000(PPP1R2P1C	processed_ chr13	63811014	63811608 -	0	0
ENSG0000(RPL23AP62	processed_ chr11	1.12E+08	1.12E+08 -	0	0
ENSG0000(ST13P10	processed_ chr11	1.12E+08	1.12E+08 -	0	0
ENSG0000(EEF1A1P16	processed_ chr12	16990670	16992083 +	0	0.12
ENSG0000(YWHAZP2	processed_ chr2	1.27E+08	1.27E+08 -	0	0
ENSG0000(AC008155.	processed_ chr7	1.38E+08	1.38E+08 -	0	0
ENSG0000(AC008155.	processed_ chr7	1.38E+08	1.38E+08 -	0	0
ENSG0000(NPM1P32	processed_ chr2	1.22E+08	1.22E+08 -	0	0
ENSG0000(RP11-458D	protein_co chr1	1.46E+08	1.46E+08 -	0.18	0
ENSG0000(HIST2H3DF	unprocessε chr1	1.21E+08	1.21E+08 -	1.11	0.77
ENSG0000(SUPT4H1	protein_co chr17	58345175	58353093 -	42.53	47.8
ENSG0000(RP11-479A	processed_ chr10	1.11E+08	1.11E+08 +	0	0
ENSG0000(RBMS2P1	processed_ chr12	94423744	94424969 -	0	0
ENSG0000(RP11-819N	processed_ chr11	1.07E+08	1.07E+08 -	0	0
ENSG0000(RPL12P42	processed_ chr19	13157959	13158788 -	0	0
ENSG0000(YWHAZP5	processed_ chr10	1.06E+08	1.06E+08 +	0	0
ENSG0000(EEF1B2P6	processed_ chr7	1.32E+08	1.32E+08 -	0	0
ENSG0000(VDAC2P3	processed_ chr1	1.18E+08	1.18E+08 -	0	0
ENSG0000(NIP7P2	processed_ chr3	1.32E+08	1.32E+08 +	0	0
ENSG0000(TSGA13	protein_co chr7	1.31E+08	1.31E+08 -	0.49	0.5
ENSG0000(AC004386.	processed_ chrX	74376125	74376885 -	0	0
ENSG0000(RPL6P25	processed_ chr12	83151331	83152190 +	0.07	0.08
ENSG0000(RP11-613N	processed_ chr12	76599671	76600470 +	0.08	0
ENSG0000(IFITM9P	processed_ chr11	69303412	69303807 -	0	0
ENSG0000(MARCKSL1	processed_ chr10	1.03E+08	1.03E+08 +	0	0
ENSG0000(RP1-29C18	lincRNA chr22	49572264	49575426 -	0	0
ENSG0000(RP11-212P	processed_ chr7	1.29E+08	1.29E+08 -	0	0
ENSG0000(NRAS	protein_co chr1	1.15E+08	1.15E+08 -	10.45	10.91
ENSG0000(RPL23AP45	processed_ chr5	1.81E+08	1.81E+08 +	0	0
ENSG0000(RP11-680L	processed_ chr11	87258851	87259259 -	0	0
ENSG0000(PGK1P2	processed_ chr19	12559571	12561105 +	0.05	0.11
ENSG0000(RP11-420H	processed_ chr7	1.25E+08	1.25E+08 -	0	0
ENSG0000(CTD-2666L	processed_ chr19	12260126	12260537 +	0	0

ENSG0000(AC092106. processed_ chr2	1.06E+08	1.06E+08 +	0.24	0.26
ENSG0000(RP5-1106E processed_ chr7	1.24E+08	1.24E+08 +	0.07	0.08
ENSG0000(ZNF625-ZN protein_co chr19	12132117	12156731 -	1.38	1.7
ENSG0000(HNRNPA3P processed_ chr3	75214631	75215636 +	0	0.3
ENSG0000(HMGB3P1 processed_ chr2	1.05E+08	1.05E+08 +	0	0
ENSG0000(RP11-560I1 processed_ chr7	1.22E+08	1.22E+08 +	0	0
ENSG0000(CTC-398G3 processed_ chr19	11523436	11523831 +	0.43	0
ENSG0000(CTC-398G3 processed_ chr19	11521968	11522498 +	0	0
ENSG0000(HNRNPCP6 processed_ chr11	85020785	85021655 -	0	0
ENSG0000(RPL18P11 processed_ chr15	78661047	78661576 -	0	0
ENSG0000(RPL9P18 processed_ chr6	63615827	63616361 -	0	0
ENSG0000(CYCSP19 processed_ chr7	1.21E+08	1.21E+08 +	0	0
ENSG0000(RPL7AP34 processed_ chr6	63548708	63549508 -	0	0
ENSG0000(CTD-3035D processed_ chr14	90766531	90766989 +	0	0
ENSG0000(LTC4S protein_co chr5	1.8E+08	1.8E+08 +	3.17	5.83
ENSG0000(RP11-331F processed_ chr16	75192465	75193247 -	0	0
ENSG0000(RPS7P11 processed_ chr17	46721582	46722167 -	0.43	0.16
ENSG0000(RP11-281C processed_ chr5	1.79E+08	1.79E+08 -	0	0
ENSG0000(RP11-713C processed_ chr4	1.88E+08	1.88E+08 +	0	0
ENSG0000(SLC25A5P6 processed_ chr4	1.86E+08	1.86E+08 -	0	0
ENSG0000(NPM1P50 processed_ chr11	75079265	75080131 -	0	0
ENSG0000(CLNS1AP1 processed_ chr6	54485169	54485850 -	0	0
ENSG0000(ANKRD39 protein_co chr2	96836611	96858095 -	5.92	5.18
ENSG0000(ATF4P1 processed_ chrX	1.55E+08	1.55E+08 -	0	0
ENSG0000(QTRT1 protein_co chr19	10701430	10713437 +	17.48	19.05
ENSG0000(CHUK protein_co chr10	1E+08	1E+08 -	4.99	5.74
ENSG0000(RPL21P18 processed_ chr12	66037235	66037714 +	0	0.18
ENSG0000(PCNPP3 processed_ chr12	65645992	65646462 -	0.16	0.18
ENSG0000(MXD3 protein_co chr5	1.77E+08	1.77E+08 -	1.55	1.44
ENSG0000(GAPDHP44 processed_ chr12	62755227	62756233 +	0	0.13
ENSG0000(CNN2P8 processed_ chr2	94737337	94738249 +	0	0
ENSG0000(AC092933. unprocessε chr3	1.97E+08	1.97E+08 -	0.21	0.08
ENSG0000(RP4-778K6 processed_ chr7	1.05E+08	1.05E+08 +	0	0
ENSG0000(FTH1P12 processed_ chr9	15527133	15527683 -	1.05	1.01
ENSG0000(RPS3P6 processed_ chr12	62021570	62022174 -	0.46	0.13
ENSG0000(AP000593. processed_ chr11	72280151	72281178 +	0	0
ENSG0000(GSTM2 protein_co chr1	1.1E+08	1.1E+08 +	37.29	42.52
ENSG0000(ST13P11 processed_ chr11	94913047	94913766 +	0	0
ENSG0000(RANP6 processed_ chr4	1.74E+08	1.74E+08 -	0	0
ENSG0000(NAP1L1P3 processed_ chr3	1.21E+08	1.21E+08 +	0.12	0.08
ENSG0000(LINC00671 lincRNA chr17	42874670	42898704 -	0	0
ENSG0000(GAPDHP71 processed_ chr5	1.75E+08	1.75E+08 +	0.06	0.33
ENSG0000(COG8 protein_co chr16	69320140	69339583 -	8.04	8.11
ENSG0000(AC104297. processed_ chr3	17871729	17872598 -	0	0
ENSG0000(EIF4E2P1 processed_ chr20	20659710	20659964 +	0	0

ENSG0000(RP11-577H)	processed_chr7	1.03E+08	1.03E+08	+	0.64	0.36
ENSG0000(RP11-779C)	processed_chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(ARHGAP19)	protein_co_chr10	97222173	97292673	-	1.04	1.95
ENSG0000(RP11-66N1)	processed_chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-546B)	processed_chr5	1.71E+08	1.71E+08	-	0	0
ENSG0000(RPSAP46)	processed_chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(HAUS7)	protein_co_chrX	1.53E+08	1.53E+08	-	13.13	17.18
ENSG0000(LCAT)	protein_co_chr16	67939750	67944131	-	8.24	8.18
ENSG0000(AC022210)	processed_chr2	84915868	84916660	+	0	0
ENSG0000(RPL12P18)	processed_chr2	84874696	84875020	+	0	0
ENSG0000(MAGEA12)	protein_co_chrX	1.53E+08	1.53E+08	+	0.04	0
ENSG0000(PTPRCAP)	protein_co_chr11	67435510	67438067	-	0	0
ENSG0000(CISD1P1)	processed_chr2	19826249	19826575	+	0	0
ENSG0000(ANXA2P1)	processed_chr4	1.53E+08	1.53E+08	-	0	0
ENSG0000(C1QBPP2)	processed_chr11	66761575	66762399	-	0	0
ENSG0000(RBM22P2)	processed_chr13	30539597	30543461	-	0.53	0.74
ENSG0000(HNRNPA1P)	processed_chr10	46415853	46416413	+	1.79	1.54
ENSG0000(PVRIG)	protein_co_chr7	1E+08	1E+08	+	0	0
ENSG0000(CTB-47B8.5)	processed_chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(KRTAP4-12)	protein_co_chr17	41123091	41124167	-	0	0
ENSG0000(KRTAP2-4)	protein_co_chr17	41065116	41065879	-	0	0
ENSG0000(GPC2)	protein_co_chr7	1E+08	1E+08	-	2.06	2.6
ENSG0000(RP11-84O1)	processed_chr1	1.01E+08	1.01E+08	-	0	0
ENSG0000(RBMX2P2)	processed_chrX	1.41E+08	1.41E+08	-	0	0
ENSG0000(KRT222)	protein_co_chr17	40654665	40665181	-	0	0
ENSG0000(HSPD1P1)	processed_chr5	21882585	21884310	+	0	0
ENSG0000(RP11-301G)	processed_chr3	1.01E+08	1.01E+08	-	0	0
ENSG0000(RPL17P34)	processed_chr10	93284004	93284558	-	0.26	0.14
ENSG0000(RPLP1P6)	transcribed_chr5	1.52E+08	1.52E+08	-	0.65	0.94
ENSG0000(VTI1BP2)	processed_chr4	1.83E+08	1.83E+08	+	0	0
ENSG0000(ATP6VOCP)	processed_chr6	42727234	42727700	+	0	0
ENSG0000(YBX2P1)	processed_chr10	1.24E+08	1.24E+08	+	0	0
ENSG0000(OR5AC1)	polymorph_chr3	98064472	98065396	+	0	0
ENSG0000(H2AFZP1)	processed_chr21	44046347	44047041	-	0	0
ENSG0000(RPL18AP3)	processed_chr12	1.04E+08	1.04E+08	+	0	0.34
ENSG0000(RP11-75L1)	processed_chr12	9695384	9696227	+	0	0
ENSG0000(SIPA1)	protein_co_chr11	65638097	65650930	+	6.29	6.77
ENSG0000(RPS23P2)	processed_chr4	1.37E+08	1.37E+08	+	0	0
ENSG0000(GAPDHP28)	processed_chr10	91666780	91667782	-	0	0
ENSG0000(VDAC1P7)	processed_chr3	77316752	77317598	-	0	0
ENSG0000(OR6C69P)	unprocessed_chr12	55262539	55263431	+	0	0
ENSG0000(AKR1B1P2)	processed_chr3	74135959	74136892	+	0	0
ENSG0000(FTH1P3)	processed_chr2	27392784	27393367	-	0	0.66
ENSG0000(AC091654)	processed_chr7	98454119	98454617	-	0	0
ENSG0000(RP13-235E)	processed_chr6	41308166	41308565	-	0	0

ENSG0000	(ERV3-1	protein_co	chr7	64990809	65006743	-	14.94	13.94
ENSG0000	(SYNJ2BP	protein_co	chr14	70366496	70417061	-	9	6.96
ENSG0000	(ARL2	protein_co	chr11	65014113	65022184	+	62.82	64.94
ENSG0000	(HMGB1P3)	processed_	chr9	1.22E+08	1.22E+08	-	1.25	1.38
ENSG0000	(FIRRE	lincRNA	chrX	1.32E+08	1.32E+08	-	0	0.06
ENSG0000	(RP11-972K	processed_	chr12	53632788	53633151	-	0	0
ENSG0000	(TTLL13P	protein_co	chr15	90249530	90265482	+	0.11	0.41
ENSG0000	(CFL1P2	processed_	chr1	51157788	51158471	-	0	0
ENSG0000	(RP11-364P	processed_	chr4	1.21E+08	1.21E+08	-	0	0
ENSG0000	(NDUFAF4P	processed_	chr7	93844789	93845308	+	0	0
ENSG0000	(EIF4A1P8	processed_	chr10	92136875	92138370	+	0	0
ENSG0000	(AC108039.	processed_	chr2	61710076	61710978	-	0	0
ENSG0000	(ASS1P4	processed_	chrX	3367149	3368382	+	0	0
ENSG0000	(CTB-85P21	processed_	chr5	1.45E+08	1.45E+08	+	0	0
ENSG0000	(RP13-147D	processed_	chrX	1.25E+08	1.25E+08	-	0	0
ENSG0000	(NT5C3AP1	transcribec	chr4	1.18E+08	1.18E+08	-	0	0
ENSG0000	(ACTN4P1	processed_	chr4	1.17E+08	1.17E+08	+	0	0
ENSG0000	(RP11-416L	processed_	chr2	60711484	60711920	+	0	0
ENSG0000	(TPT1P13	processed_	chrX	1.22E+08	1.22E+08	-	0	0
ENSG0000	(LAP3P2	processed_	chr6	36673817	36675270	+	0	0.04
ENSG0000	(PPIAP16	processed_	chr3	57941818	57942304	+	0.16	0
ENSG0000	(GBP7	protein_co	chr1	89131751	89176040	-	0	0.03
ENSG0000	(IMPDH1P5	processed_	chr10	77780337	77781876	-	0.11	0
ENSG0000	(RP11-428P	processed_	chr10	77730766	77734769	+	0.01	0.03
ENSG0000	(RBMXL1	protein_co	chr1	88979456	88992960	-	2.61	3.58
ENSG0000	(AC132008.	processed_	chr3	1.98E+08	1.98E+08	-	0	0.87
ENSG0000	(RAC1P5	processed_	chr4	1.07E+08	1.07E+08	-	0	0
ENSG0000	(SRA1	protein_co	chr5	1.41E+08	1.41E+08	-	14.04	15.83
ENSG0000	(RP11-383B	processed_	chr10	74744386	74744707	-	0	0
ENSG0000	(SETP8	processed_	chrX	1.17E+08	1.17E+08	+	0	0
ENSG0000	(RP11-591L	processed_	chr15	79751689	79752049	-	0	0
ENSG0000	(RP11-432F	processed_	chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000	(MTHFD2P5	processed_	chr7	82589848	82590691	-	0	0
ENSG0000	(TMEM110	protein_co	chr3	52836219	52897596	-	5.86	6.88
ENSG0000	(GNG5P1	processed_	chr6	1.66E+08	1.66E+08	-	0	0
ENSG0000	(KRT8P41	processed_	chr11	9094377	9095890	+	0	0
ENSG0000	(YBX1P6	processed_	chr9	1.1E+08	1.1E+08	-	0	0
ENSG0000	(RP11-486G	processed_	chr1	84085741	84086233	+	0	0
ENSG0000	(RP11-467H	processed_	chr7	77115399	77116192	-	0.13	0.36
ENSG0000	(RARRES2P2	processed_	chr10	1.34E+08	1.34E+08	-	0	0
ENSG0000	(VN1R64P	unitary_ps	chr16	31546805	31547737	+	0	0
ENSG0000	(AC005522.	processed_	chr7	76361768	76362113	+	0	0
ENSG0000	(AC005077.	processed_	chr7	76113026	76113400	-	0	0
ENSG0000	(DNAJC9	protein_co	chr10	73183362	73248862	-	5.58	5.36
ENSG0000	(RPLP0P6	processed_	chr2	38481851	38482804	+	0.27	0.1

ENSG0000(RP11-3J11. processed_ chr9	1.09E+08	1.09E+08 +	0	0
ENSG0000(RP11-240E processed_ chr9	1.08E+08	1.08E+08 +	0.23	0.25
ENSG0000(HMGN2P3: processed_ chr9	1.07E+08	1.07E+08 -	0	0
ENSG0000(HNRNPA1P processed_ chr1	80451083	80452004 -	0	0
ENSG0000(RP11-3861J processed_ chr1	78091499	78092054 +	0	0
ENSG0000(RP11-3861J processed_ chr1	78043383	78044148 -	0	0
ENSG0000(C8orf82 protein_co chr8	1.45E+08	1.45E+08 -	10.26	12.98
ENSG0000(HNRNPA1P processed_ chr5	1.36E+08	1.36E+08 +	0	0
ENSG0000(RP13-383K processed_ chrX	1.07E+08	1.07E+08 +	0	0
ENSG0000(LDHAP5 processed_ chr10	1.19E+08	1.19E+08 -	0	0
ENSG0000(CPLX3 protein_co chr15	74826547	74831802 +	0	0.03
ENSG0000(RP4-595K1 processed_ chr1	75582099	75582555 +	0	0
ENSG0000(VDAC1 protein_co chr5	1.34E+08	1.34E+08 -	85.07	77.57
ENSG0000(RP11-646D processed_ chr3	50719482	50719951 -	0	0
ENSG0000(ZBTB9 protein_co chr6	33453970	33457548 +	3.12	3.12
ENSG0000(RP11-229P processed_ chr9	1.37E+08	1.37E+08 +	0.04	0.1
ENSG0000(AP000662. processed_ chr11	57718044	57718530 -	0	0
ENSG0000(TMX2 protein_co chr11	57712600	57740973 +	26.3	24.24
ENSG0000(GAPDHP25 processed_ chr2	38285410	38286410 +	0	0
ENSG0000(RP11-112J: processed_ chr14	58794654	58795029 +	0	0
ENSG0000(SLX1A-SUL: processed_ chr16	30193892	30204310 +	1.74	3.08
ENSG0000(XXcos-LUC.sense_intr(chr3	50239618	50239984 +	0	0.27
ENSG0000(KRT18P19 processed_ chr2	1.89E+08	1.89E+08 -	0	0
ENSG0000(RP11-444K processed_ chr11	56205125	56205625 -	0	0
ENSG0000(AC111200. processed_ chr2	86885075	86885731 -	0	0
ENSG0000(AKR1B10P: processed_ chr10	67750284	67751225 +	0.13	0
ENSG0000(OR4A45P unprocess(chr11	48579436	48580336 +	0	0
ENSG0000(SLC25A14P processed_ chr4	83477524	83478424 +	0	0
ENSG0000(RPL7AP50 processed_ chr10	63902451	63903245 -	0	0
ENSG0000(FAM220CP processed_ chr9	97121659	97122489 +	0	0
ENSG0000(RPL11P3 processed_ chr10	87945502	87946024 +	0.14	0
ENSG0000(HEXA protein_co chr15	72340919	72376476 -	285.58	273.27
ENSG0000(NDUFS3 protein_co chr11	47565336	47584562 +	37.4	34.81
ENSG0000(AL121657.4 processed_ chr2	31290762	31291604 +	0	0
ENSG0000(RPSAP54 processed_ chr13	20961310	20962195 +	0.07	0.08
ENSG0000(LEPROT protein_co chr1	65420587	65436007 +	65.18	71.63
ENSG0000(LBH protein_co chr2	30231531	30323730 +	26.27	25.36
ENSG0000(BOLA3P3 processed_ chr5	1.27E+08	1.27E+08 -	0	0
ENSG0000(ADAT3 protein_co chr19	1905378	1913447 +	1.34	2.18
ENSG0000(PPP1CB protein_co chr2	28751640	28802940 +	39.72	39.25
ENSG0000(EEF1DP4 processed_ chr7	64862999	64864370 +	0	0
ENSG0000(RPL7AP4 processed_ chr14	55543401	55544169 +	0	0
ENSG0000(RP11-561N processed_ chr7	64569428	64570437 -	0	0
ENSG0000(VN1R37P processed_ chr7	64149685	64150432 -	0	0
ENSG0000(SAPCD2P1 processed_ chr7	64181710	64182893 +	0	0

ENSG0000(SLC25A1P3 processed_ chr7	63931141	63931968	+	0	0
ENSG0000(SULT1A4 protein_co chr16	29459889	29464976	+	6.7	5.29
ENSG0000(RP11-760D processed_ chr7	56567906	56568858	-	0	0
ENSG0000(HMGB3P3 processed_ chrX	1.13E+08	1.13E+08	+	0	0
ENSG0000(RPL22P22 processed_ chrX	82506434	82506812	-	0	0
ENSG0000(GPSM3 protein_co chr6	32190766	32195523	-	1.64	1.56
ENSG0000(CTD-23471 processed_ chr5	1.23E+08	1.23E+08	+	0	0
ENSG0000(RPL31P44 processed_ chr10	52389112	52389488	-	0	0
ENSG0000(LAT protein_co chr16	28984826	28990783	+	2.23	1.76
ENSG0000(RSU1P3 processed_ chr10	51319826	51320660	+	0.08	0
ENSG0000(RP11-5101 processed_ chr5	1.22E+08	1.22E+08	+	0	0.14
ENSG0000(CTD-2158P processed_ chr5	1.2E+08	1.2E+08	-	0	0
ENSG0000(RPS16P8 processed_ chr17	27280482	27280912	+	0	0
ENSG0000(PGGT1BP1 processed_ chr10	50726947	50727969	-	0	0
ENSG0000(RP11-476B processed_ chr9	92676943	92677407	-	0	0
ENSG0000(OLA1P2 processed_ chr17	20775642	20776905	+	0.09	0.11
ENSG0000(NCKIPSD protein_co chr3	48673844	48686364	-	11.26	10.07
ENSG0000(SLC25A5P3 processed_ chr7	54419444	54420328	+	0	0
ENSG0000(ATF6B protein_co chr6	32098176	32128253	-	47.66	44.99
ENSG0000(AC002056 processed_ chr22	50754675	50755434	-	0	0
ENSG0000(LDHBP2 processed_ chrX	76334841	76335845	-	0	0
ENSG0000(TREX1 protein_co chr3	48465811	48467645	+	11.1	13.43
ENSG0000(RP11-513D processed_ chr1	2.42E+08	2.42E+08	-	0	0
ENSG0000(SEC14L1P1 processed_ chr11	43897456	43899636	+	0.25	0.33
ENSG0000(S1PR3 protein_co chr9	88991447	89005010	+	8.65	9.36
ENSG0000(RPS7P14 processed_ chrX	74409518	74410100	+	0	0
ENSG0000(CTBP2P6 processed_ chr11	43522036	43523264	+	0	0
ENSG0000(RP1-172N1 processed_ chrX	72727977	72728821	-	0	0
ENSG0000(SLC35F6 protein_co chr2	26764284	26781231	+	12.54	12.78
ENSG0000(RPL17P50 processed_ chr10	73005833	73006595	-	1.33	1.76
ENSG0000(SETP22 processed_ chr5	97056402	97057358	-	0	0
ENSG0000(RP5-849H1 processed_ chr1	62641122	62641667	-	0	0
ENSG0000(EEF1A1P15 processed_ chrX	98389512	98390919	+	0	0
ENSG0000(AL590762 processed_ chrX	71352418	71352988	+	0	0
ENSG0000(HMGB1P1 processed_ chr22	26560526	26561088	+	0	0
ENSG0000(SLC16A14P unprocessε chr8	1.06E+08	1.06E+08	+	0	0
ENSG0000(PHBP7 processed_ chr9	85898903	85899716	+	0	0
ENSG0000(PIGCP1 processed_ chr11	33075566	33076460	-	0	0
ENSG0000(FAM209B protein_co chr20	56533246	56536520	+	0.1	0.21
ENSG0000(FABP5P5 processed_ chr5	95973041	95973446	-	0	0
ENSG0000(AC004692 processed_ chr7	43274159	43274582	+	0	0
ENSG0000(CLIC1 protein_co chr6	31730581	31739763	-	175.4	161.27
ENSG0000(HMGN2P3 processed_ chr7	42113365	42113620	+	0	0
ENSG0000(DDAH2 protein_co chr6	31727038	31730617	-	72.58	75.15
ENSG0000(PRDX2P2 processed_ chr10	34965069	34966259	+	0	0

ENSG0000(RPS2P52 processed_ chr19	690353	691172	+	0	0
ENSG0000(LA16c-60G processed_ chr22	15572089	15573265	-	0	0
ENSG0000(AC098828. processed_ chr2	20155618	20156057	-	0	0
ENSG0000(POLD2P1 processed_ chr5	93267429	93268425	+	0	0
ENSG0000(RAB5CP1 processed_ chr10	74423435	74424014	-	0	0
ENSG0000(ANAPC10P processed_ chr1	52253621	52254176	+	0	0
ENSG0000(RP11-6621I processed_ chr12	24967127	24967504	-	0	0
ENSG0000(AC007679. processed_ chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(SERBP1P1 processed_ chrX	68783472	68785066	+	0	0
ENSG0000(RPS29 protein_co chr14	49570984	49599164	-	982.86	982.96
ENSG0000(ZNF337-AS antisense chr20	25624045	25678074	+	2.1	2.69
ENSG0000(RPS10P14 processed_ chr7	37375522	37376023	+	0	0
ENSG0000(RP13-278H processed_ chrX	70857163	70857502	+	0	0
ENSG0000(KB-1683C8 processed_ chr8	97624203	97625079	-	0	0
ENSG0000(CTA-268H5 processed_ chr22	45275599	45276085	+	0	0
ENSG0000(CENPBD1P transcribed chr19	58573503	58599801	+	16.84	16.41
ENSG0000(RP11-284B processed_ chrX	64305047	64306733	-	0	0
ENSG0000(RP11-342F processed_ chr5	79510434	79510919	+	0	0
ENSG0000(CTC-451P1 processed_ chr5	79284132	79284918	-	0.08	0
ENSG0000(UGT2B11 protein_co chr4	69199951	69214731	-	0	0
ENSG0000(ATP6V1G2 protein_co chr6	31544462	31548427	-	4.61	3.9
ENSG0000(MT1P1 processed_ chr9	95413267	95413449	-	0	0
ENSG0000(ZNF134 protein_co chr19	57614233	57624723	+	6.14	6.5
ENSG0000(ACTBP2 processed_ chr5	77784881	77786003	+	0	0
ENSG0000(FAM210CP processed_ chr10	27349717	27350290	-	0	0
ENSG0000(KRT8P37 processed_ chr10	8513687	8515106	-	0	0
ENSG0000(EIF1P7 processed_ chr2	9271292	9271628	-	0	0
ENSG0000(AC010904. processed_ chr2	7324748	7325062	-	0	0
ENSG0000(CTD-2224J transcribed chr19	53503392	53512687	+	0.45	0.4
ENSG0000(HNRNPA1P processed_ chr10	30517616	30518861	-	0	0
ENSG0000(RP11-452G processed_ chr11	17193489	17194308	+	0	0
ENSG0000(GTF2H4 protein_co chr6	30908184	30914106	+	10.76	11.12
ENSG0000(PSMC1P2 processed_ chr7	27461766	27462969	+	0	0
ENSG0000(DDX47 protein_co chr12	12813316	12829981	+	23.69	25.83
ENSG0000(RPL35P4 processed_ chr7	27269357	27269678	-	0	0
ENSG0000(AKR1B1P3 processed_ chr11	16484084	16484671	-	0	0
ENSG0000(NHP2P2 processed_ chr7	27048169	27048628	+	0	0
ENSG0000(RPL7AP38 processed_ chr7	26922110	26922912	+	0	0
ENSG0000(OLA1P1 processed_ chr22	42107765	42108953	-	0	0
ENSG0000(RP11-941H processed_ chr8	80300869	80301481	+	0	0
ENSG0000(ZNF888 protein_co chr19	52904417	52923481	-	1.02	0.81
ENSG0000(AC004129. processed_ chr7	25212170	25212965	-	0	0
ENSG0000(ZNF845 protein_co chr19	53333749	53354869	+	2.59	1.95
ENSG0000(ZNF321P transcribed chr19	52927135	52942601	-	1.78	0.61
ENSG0000(KLRK1 protein_co chr12	10372353	10391874	-	0	0

ENSG0000(CNN2P4	processed_ chr9	42972386	42973289	-	0	0
ENSG0000(RPL13P2	processed_ chr20	46099518	46100176	+	0	0.23
ENSG0000(CEACAM18	protein_co chr19	51478622	51490952	+	0	0
ENSG0000(CFL1P5	processed_ chr5	69313371	69313872	-	0.45	0.41
ENSG0000(TMX2P1	processed_ chr9	37885683	37886390	+	0	0.1
ENSG0000(SUGT1P2	processed_ chr3	32752910	32753901	+	0	0.07
ENSG0000(AC098614.	transcribed chr3	27632976	27635427	+	1.94	2.61
ENSG0000(AC104306.	processed_ chr3	32507955	32508325	+	0	0
ENSG0000(RP11-324J.	processed_ chr4	43410041	43410937	-	0	0
ENSG0000(EMP2	protein_co chr16	10528422	10580698	-	6.44	7.59
ENSG0000(CNN2P6	processed_ chr3	31181751	31182650	-	0	0
ENSG0000(VDAC1P2	processed_ chrX	49632500	49633349	-	0.37	0.25
ENSG0000(RP11-12M!	processed_ chr22	41074180	41075239	-	0.06	0
ENSG0000(KCTD11	protein_co chr17	7351889	7354944	+	19.1	18.7
ENSG0000(RPL21P75	processed_ chr7	20002765	20003247	+	1.57	0
ENSG0000(CTD-2270N	processed_ chr15	47730144	47730935	-	0	0
ENSG0000(XX-C2158C	lincRNA chr6	1.71E+08	1.71E+08	+	0.94	0.29
ENSG0000(EEF1B2P2	processed_ chr5	68159218	68159893	-	0.1	0
ENSG0000(C8orf44	protein_co chr8	66667615	66685564	+	2.07	2.08
ENSG0000(YBX1P10	processed_ chr9	35971344	35972318	-	0	0.07
ENSG0000(RP11-829H	processed_ chr14	30821419	30821843	+	0	0
ENSG0000(TAF9BP1	processed_ chr3	25754925	25755670	+	0	0
ENSG0000(AC092798.	processed_ chr3	25749488	25749896	+	0	0
ENSG0000(RP11-678D	processed_ chr8	65377592	65378111	+	0	0
ENSG0000(AC005019.	processed_ chr7	13871856	13872513	+	0	0
ENSG0000(RPL7AP64	processed_ chr17	7140930	7141592	+	0	0
ENSG0000(CFL1P7	processed_ chr3	25324174	25324659	+	0	0
ENSG0000(RPL7AP7	processed_ chr6	29803195	29803991	-	0	0
ENSG0000(NPM1P6	processed_ chr8	61202350	61203220	+	0.07	0.32
ENSG0000(CYB5AP4	processed_ chr20	22885670	22886068	-	0	0
ENSG0000(RPL13AP7	processed_ chr21	25361821	25362431	+	1.46	1.23
ENSG0000(UBD	protein_co chr6	29555515	29559925	-	0	0
ENSG0000(LINC01521	lincRNA chr22	31346777	31348719	+	1.02	1.24
ENSG0000(PPM1N	protein_co chr19	45488777	45502510	+	0.83	1.17
ENSG0000(RPL3P6	processed_ chr5	61390668	61391871	-	0	0
ENSG0000(CEACAM16	protein_co chr19	44699151	44710714	+	0	0
ENSG0000(RP11-546N	processed_ chr5	60429903	60430276	-	0	0
ENSG0000(RPS17P1	processed_ chr6	29489271	29489676	-	0	0
ENSG0000(SLC23A3	protein_co chr2	2.19E+08	2.19E+08	-	0.22	0.62
ENSG0000(LTB4R	protein_co chr14	24311450	24318036	+	1.99	1.91
ENSG0000(LIPE-AS1	antisense chr19	42397128	42652355	+	2.33	3.51
ENSG0000(LTB4R2	protein_co chr14	24305734	24312053	+	1.24	1.18
ENSG0000(CYP2A7P1	unprocessε chr19	41024268	41027720	-	0	0
ENSG0000(OR2G1P	unprocessε chr6	29229227	29230157	-	0	0
ENSG0000(RPL13P	processed_ chr6	28861416	28862047	+	0	0

ENSG0000(RPL5P8	processed_chr2	2.14E+08	2.14E+08	-	0.65	1.2
ENSG0000(DNASE1	protein_co chr16	3611728	3680143	+	9.8	8.7
ENSG0000(MDP1	protein_co chr14	24213937	24216070	-	11.96	11.48
ENSG0000(LEUTX	protein_co chr19	39776595	39786167	+	0	0
ENSG0000(CSNK1E	protein_co chr22	38290691	38318084	-	65.82	62.51
ENSG0000(HNRNPH1F	processed_chrX	1.44E+08	1.44E+08	-	0	0
ENSG0000(NPM1P33	processed_chr2	2.04E+08	2.04E+08	-	0	0
ENSG0000(MSRB1P1	processed_chr19	39254916	39255269	-	0	0
ENSG0000(CCL27	protein_co chr9	34661880	34664048	-	0.13	0
ENSG0000(IRF9	protein_co chr14	24161053	24166565	+	37.89	36.55
ENSG0000(GALT	protein_co chr9	34638133	34651035	+	17.58	16
ENSG0000(HBE1	protein_co chr11	5268345	5505617	-	0	0
ENSG0000(HBG1	protein_co chr11	5248083	5249892	-	0.13	0.16
ENSG0000(AC092610.	processed_chr7	4865432	4865804	-	0	0.26
ENSG0000(CLDN9	protein_co chr16	3012456	3014505	+	0	0
ENSG0000(SEPHS1P6	processed_chr2	2E+08	2E+08	+	0	0
ENSG0000(RP11-314A	processed_chr17	4704816	4705217	-	0	0
ENSG0000(RP11-94D2	processed_chr5	53206561	53207176	+	0	0
ENSG0000(RP1-102E2	processed_chr12	6409637	6410013	-	0	0.26
ENSG0000(KRT18P17	processed_chr3	12787393	12788671	-	0	0
ENSG0000(DNAJB1P1	processed_chr2	1.92E+08	1.92E+08	-	0	0
ENSG0000(ITGA1	protein_co chr5	52787896	52959210	+	13.56	11.07
ENSG0000(RPS10P2	processed_chr20	14757563	14758056	+	0	0
ENSG0000(ATP5HP3	processed_chr9	14068932	14069417	+	0	0
ENSG0000(RP11-269N	processed_chr5	50633124	50633602	+	0	0
ENSG0000(KRT18P29	processed_chr2	1.82E+08	1.82E+08	-	0	0
ENSG0000(RP5-1100H	processed_chr20	38614913	38615476	-	0	0
ENSG0000(API5P2	processed_chr2	1.78E+08	1.78E+08	-	0	0
ENSG0000(AC074286.	sense_ovei chr2	1.77E+08	1.77E+08	-	1.62	1.9
ENSG0000(CHCHD4P4	processed_chr3	11234256	11234582	-	0	0
ENSG0000(NUDT19	protein_co chr19	32691961	32713796	+	2.99	3.13
ENSG0000(ZNF726	protein_co chr19	23914876	23945159	+	0.53	0.41
ENSG0000(RP11-264F	processed_chr12	4324372	4324811	-	0	0
ENSG0000(RP3-522P1	processed_chr6	25272200	25273751	-	0	0
ENSG0000(ZNF99	protein_co chr19	22752183	22784107	-	0	0.01
ENSG0000(CTD-2561J	unprocessε chr19	21382865	21387177	+	0.22	0.14
ENSG0000(TAX1BP3	protein_co chr17	3662896	3668682	-	130.97	141.02
ENSG0000(RPL7AP14	processed_chr20	37444733	37445534	-	0	0
ENSG0000(AC007277.	antisense chr2	1.71E+08	1.71E+08	-	0	0
ENSG0000(AP1G2	protein_co chr14	23559565	23568070	-	6.4	7.22
ENSG0000(AC078899.	processed_chr19	20257720	20259418	+	0	0
ENSG0000(RP11-399E	processed_chr1	41264550	41264862	-	0	0
ENSG0000(ZNF90	protein_co chr19	20077994	20127076	+	2.5	3.87
ENSG0000(RP11-414H	antisense chr10	6197612	6202693	-	0	0
ENSG0000(NAXD	protein_co chr13	1.11E+08	1.11E+08	+	13.24	14.53

ENSG0000(TM6SF2	protein_co chr19	19264364	19273391	-	0.69	0.94
ENSG0000(PGAM1P7	processed_chrX	46646594	46647330	-	0.09	0
ENSG0000(MEF2B	protein_co chr19	19145568	19170289	-	0.09	0.13
ENSG0000(ATP5F1P3	processed_chr7	1.53E+08	1.53E+08	+	0	0
ENSG0000(PCNAP3	processed_chrX	46058751	46059528	-	0	0
ENSG0000(KRT18P38	processed_chr6	19612755	19614036	+	0	0
ENSG0000(GANC	protein_co chr15	42273233	42356935	+	9.79	8.08
ENSG0000(RPL32P23	processed_chr10	6071514	6071918	-	0	0
ENSG0000(RPSAP61	processed_chrX	44741087	44741964	+	0	0
ENSG0000(RRM2P3	processed_chrX	44309314	44310476	-	0	0
ENSG0000(RP6-218J1	processed_chrX	44029332	44030921	+	0	0
ENSG0000(FTLP4	processed_chr9	30935485	30935977	+	0	0
ENSG0000(TTLL3	protein_co chr3	9808086	9855138	+	22.4	23.38
ENSG0000(REPIN1	protein_co chr7	1.5E+08	1.5E+08	+	32.22	33.47
ENSG0000(RPL23AP2	processed_chr2	1.53E+08	1.53E+08	+	0	0
ENSG0000(ATP5F1P4	processed_chr2	1.53E+08	1.53E+08	+	0	0
ENSG0000(MRPL23	protein_co chr11	1947278	1984522	+	21.88	23.31
ENSG0000(ARPC3P5	processed_chr6	15934782	15935315	+	0	0
ENSG0000(ZNF891	protein_co chr12	1.33E+08	1.33E+08	-	0.43	0.46
ENSG0000(RP11-169L	processed_chrX	40760104	40761270	-	0	0
ENSG0000(AC073310	processed_chr7	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-474D	lincRNA chr12	1.3E+08	1.3E+08	-	0.03	0
ENSG0000(PGAM1P4	processed_chr3	9348443	9349192	+	0	0
ENSG0000(IFNA7	protein_co chr9	21201469	21202205	-	0	0
ENSG0000(RP5-944M	lincRNA chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP6-186E3	processed_chrX	40359183	40360726	-	0	0
ENSG0000(SMIM7	protein_co chr19	16630751	16660442	-	34.03	32.06
ENSG0000(RPS11P7	processed_chrX	39865424	39865888	+	0	0
ENSG0000(UCA1	processed_chr19	15828961	15836320	+	0	0
ENSG0000(FBXO16	protein_co chr8	28348287	28490318	-	0	0
ENSG0000(ARF4P3	processed_chr13	1.01E+08	1.01E+08	-	0	0
ENSG0000(RPL7P17	processed_chr4	77082403	77083126	-	0	0
ENSG0000(TSPAN4	protein_co chr11	842808	867116	+	113.88	126.25
ENSG0000(RPL6P5	processed_chr2	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-549L	processed_chr10	1.1E+08	1.1E+08	+	0	0.18
ENSG0000(AC011999	processed_chr2	1.36E+08	1.36E+08	-	0	0.07
ENSG0000(RP11-31H1	unprocessε chrX	37077851	37078401	-	0	0
ENSG0000(RPL21P17	processed_chr3	1905651	1906125	+	0	0
ENSG0000(RPL23AP3	processed_chr3	1730070	1730474	+	0	0
ENSG0000(CPSF1P1	processed_chr22	32269381	32273110	+	0	0
ENSG0000(GNAQP1	processed_chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(CPNE1	protein_co chr20	35626031	35664956	-	72.32	72.32
ENSG0000(CYP4F30P	transcribec chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(ARL16	protein_co chr17	81681174	81683924	-	23.7	25.34
ENSG0000(RPL9P21	processed_chr10	44414649	44415153	-	0	0

ENSG0000(RP11-2471)	processed_chr22	31559483	31559939	+	0	0
ENSG0000(SMCO1)	protein_co chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(PLAC9P1)	transcribec chr2	1.3E+08	1.3E+08	-	0.42	0.93
ENSG0000(WEE2)	protein_co chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(PAXIP1-AS)	antisense chr7	1.55E+08	1.55E+08	+	3.1	3.8
ENSG0000(MAGEB1)	protein_co chrX	30243730	30252038	+	0	0
ENSG0000(TPT1P5)	processed_chr5	31908361	31909186	+	0	0
ENSG0000(LDHAP4)	processed_chr9	14921337	14922334	-	4.27	3.49
ENSG0000(RP1-258N2)	processed_chrX	25029545	25030235	+	0	0
ENSG0000(LYRM4)	protein_co chr6	5102593	5260939	-	15.54	17.45
ENSG0000(MYCBP)	protein_co chr1	38862964	38874105	-	1.25	3.42
ENSG0000(PRDX1P1)	processed_chr9	12972843	12973438	-	0	0
ENSG0000(SNRPEP9)	processed_chrX	24513450	24513687	+	0	0
ENSG0000(RP3-412A9)	processed_chr22	31155966	31156647	-	0	0
ENSG0000(TMEM213)	protein_co chr7	1.39E+08	1.39E+08	+	0	0
ENSG0000(RP11-420C)	processed_chr5	20304045	20305448	-	0	0
ENSG0000(AC024560)	transcribec chr3	1.98E+08	1.98E+08	-	6.67	7.29
ENSG0000(PRCD)	protein_co chr17	76527586	76553578	+	7.6	8.65
ENSG0000(ACTN4P2)	processed_chr1	37776670	37779418	+	0	0
ENSG0000(RPL7P60)	processed_chr7	1E+08	1E+08	-	0	0
ENSG0000(RP11-488L)	processed_chr1	2.47E+08	2.47E+08	+	0	0.03
ENSG0000(LINC00887)	lincRNA chr3	1.94E+08	1.94E+08	-	2.43	2.36
ENSG0000(LINC02026)	lincRNA chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(RP11-332P)	processed_chr3	1.91E+08	1.91E+08	+	0	0
ENSG0000(ALG3)	protein_co chr3	1.84E+08	1.84E+08	-	21	21.97
ENSG0000(SDC4P)	processed_chr22	30481311	30481911	-	0	0
ENSG0000(AMZ2P1)	transcribec chr17	64966550	64975576	-	4.5	5.41
ENSG0000(PLEKHM1P)	transcribec chr17	64779259	64837154	-	6.95	7.46
ENSG0000(PPIAP23)	processed_chr13	91272081	91272577	-	0	0
ENSG0000(PTMAP5)	transcribec chr13	81689911	81691072	+	0.21	0.23
ENSG0000(GCC2-AS1)	antisense chr2	1.09E+08	1.09E+08	-	1.27	0.28
ENSG0000(XPOTP1)	processed_chr20	34213495	34215892	-	0.28	0.18
ENSG0000(ST7-OT4)	sense_intr chr7	1.17E+08	1.17E+08	+	0.19	0.24
ENSG0000(ZNF788)	protein_co chr19	12092263	12137235	+	1.1	1.03
ENSG0000(RNF152P1)	processed_chr9	5418373	5418976	-	0	0
ENSG0000(UBE2V1P2)	processed_chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(SH3D21)	protein_co chr1	36306387	36324886	+	9.19	6.27
ENSG0000(LINC00998)	protein_co chr7	1.13E+08	1.13E+08	-	17.85	17.2
ENSG0000(HMGN2P3)	processed_chr9	5311444	5311716	+	0	0
ENSG0000(TTC41P)	transcribec chr12	1.04E+08	1.04E+08	-	0.23	0.61
ENSG0000(EEF1A1P12)	processed_chr2	1.07E+08	1.07E+08	-	0.21	0.09
ENSG0000(TPM3P2)	processed_chr20	33912323	33913336	-	0	0
ENSG0000(RPS4XP1)	processed_chr12	1E+08	1E+08	-	0.33	0
ENSG0000(HNRNPA1P)	processed_chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(KRT18P10)	processed_chrY	5573145	5574431	+	0	0

ENSG0000(RP11-208P)	processed_chr3	1.64E+08	1.64E+08	-	0	0.15
ENSG0000(CTAGE14P)	processed_chr2	1.68E+08	1.68E+08	-	0	0
ENSG0000(C19orf38)	protein_co chr19	10836575	10869790	+	0.3	0.32
ENSG0000(C12orf74)	protein_co chr12	92702843	92708549	+	0	0
ENSG0000(IQCJ)	protein_co chr3	1.59E+08	1.59E+08	+	0	0
ENSG0000(TUBBP2)	processed_chr13	41384773	41385183	-	0	0
ENSG0000(HNRNPA1P)	processed_chr19	11666069	11667030	-	0.23	0
ENSG0000(C17orf67)	protein_co chr17	56791913	56838773	-	0.64	0.91
ENSG0000(MINDY4B)	protein_co chr3	1.51E+08	1.51E+08	-	0	0
ENSG0000(AC004980)	processed_chr7	76650401	76650897	-	0	0
ENSG0000(SETP21)	processed_chr5	60459848	60460739	-	0	0
ENSG0000(PUDPP3)	processed_chr20	33047517	33048152	-	0	0
ENSG0000(CTD-3193C)	antisense chr19	7898804	7903542	-	0.06	0.05
ENSG0000(CTAGE11P)	processed_chr13	75237944	75240296	-	0.07	0.03
ENSG0000(AZGP1P2)	unprocessε chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(FIS1)	protein_co chr7	1.01E+08	1.01E+08	-	92.84	109.12
ENSG0000(AC136896)	processed_chr15	27208089	27208635	-	0	0
ENSG0000(RPS2P6)	processed_chr18	70430231	70431125	+	0.14	0
ENSG0000(RP11-568J)	processed_chr16	85815873	85816536	-	0	0
ENSG0000(ANKRD36B)	transcribed chr1	1.68E+08	1.68E+08	-	0	0
ENSG0000(RPSAP53)	processed_chr13	67266845	67267706	-	0	0.08
ENSG0000(KCTD9P4)	processed_chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-701H)	protein_co chr15	24955034	25000276	+	0.06	0
ENSG0000(STARP1)	processed_chr13	65309855	65310953	-	0	0
ENSG0000(RPS3AP33)	processed_chr8	7190901	7191563	-	0	0
ENSG0000(LGMNP1)	processed_chr13	64958097	64959396	-	0	0
ENSG0000(AGGF1P1)	processed_chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(ANG)	protein_co chr14	20684177	20698971	+	26.39	26.18
ENSG0000(CTD-2228K)	processed_chr5	403731	404546	-	0	0
ENSG0000(SCART1)	protein_co chr10	1.33E+08	1.34E+08	+	0.36	0.24
ENSG0000(RP11-553K)	processed_chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(HMGN2P3)	processed_chr13	59010332	59010604	+	0	0
ENSG0000(KRT8P14)	processed_chrX	45632292	45633733	-	0	0
ENSG0000(RAD51AP1)	processed_chr3	1.37E+08	1.37E+08	-	0	0
ENSG0000(NPS)	protein_co chr10	1.28E+08	1.28E+08	+	0	0
ENSG0000(PDCL3P3)	processed_chr3	17877455	17878169	-	0	0
ENSG0000(HMGB3P1)	processed_chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(RPL39P5)	transcribed chr3	1.34E+08	1.34E+08	-	0	0
ENSG0000(COLCA2)	protein_co chr11	1.11E+08	1.11E+08	+	0	0
ENSG0000(APTR)	lincRNA chr7	77657660	77696265	-	6.93	5.75
ENSG0000(FOXO1B)	processed_chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(ALDOAP2)	processed_chr10	1.26E+08	1.26E+08	-	0	0
ENSG0000(MRPS21P6)	processed_chr10	1.25E+08	1.25E+08	+	0	0
ENSG0000(SPDYE3)	protein_co chr7	1E+08	1E+08	+	0.03	0
ENSG0000(RP11-91K8)	processed_chr3	1.33E+08	1.33E+08	+	0	0

ENSG0000(Metazoa_S misc_RNA chr3	39161270	39161520	+	0.79	0.58
ENSG0000(MBLAC1 protein_co chr7	1E+08	1E+08	+	1.72	2.11
ENSG0000(AZGP1P1 transcribed chr7	99980762	99987535	+	0	0
ENSG0000(ATP5G1P6 processed_chr18	63496989	63497400	+	0	0
ENSG0000(CXADRP1 processed_chr21	13676022	13677116	+	0	0
ENSG0000(CBX1P4 processed_chrX	17282637	17283093	+	0	0
ENSG0000(CBX1P2 processed_chrX	17099782	17100239	-	0	0
ENSG0000(C3orf56 lincRNA chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(RPL31P1 processed_chr21	43551229	43551600	+	0	0
ENSG0000(SLC9B1P2 transcribed chr2	91883076	91931714	-	0	0
ENSG0000(ABCD1P5 unprocessed chr2	91840601	91843802	+	0	0
ENSG0000(RP11-252A transcribed chr16	74332402	74368240	-	5.48	3.97
ENSG0000(CTAGE16P processed_chr13	58528615	58531026	+	0	0
ENSG0000(FOXI3 protein_co chr2	88446787	88452656	-	0.04	0.02
ENSG0000(SOGA3 protein_co chr6	1.27E+08	1.28E+08	-	0.29	0.2
ENSG0000(ATP5F1P2 processed_chr7	94738652	94739411	+	0	0
ENSG0000(OR4F13P transcribed chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(CTB-180A7 transcribed chr19	6393809	6412404	+	0	0
ENSG0000(OR1X5P unprocessed chr5	1.78E+08	1.78E+08	-	0	0
ENSG0000(VAC14-AS1 antisense chr16	70755098	70773251	+	0.03	0
ENSG0000(AC133644 processed_chr2	87565828	87566764	-	0	0
ENSG0000(NEURL1B protein_co chr5	1.73E+08	1.73E+08	+	0.04	0.05
ENSG0000(RPL18P10 processed_chr13	50099331	50099868	+	0	0
ENSG0000(EFCAB9 protein_co chr5	1.72E+08	1.72E+08	+	0	0
ENSG0000(RPS3AP36 processed_chr10	95594598	95595372	+	0	0
ENSG0000(EIF4EP5 processed_chr8	14309033	14309672	+	0	0
ENSG0000(HAUS3 protein_co chr4	2227464	2242164	-	2.73	3.26
ENSG0000(AC009967 processed_chr2	1.7E+08	1.7E+08	+	0.21	0.18
ENSG0000(RPLP2P1 processed_chr6	27965175	27965514	+	0	0
ENSG0000(VSTM5 protein_co chr11	93818232	93850531	-	0	0.49
ENSG0000(RP11-457K processed_chr3	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC00488 lincRNA chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(RPS3AP26 processed_chr7	98385801	98386584	-	0.22	0.12
ENSG0000(TUBAP2 processed_chr11	90282560	90284172	+	0	0
ENSG0000(KANSL1-AS antisense chr17	46193576	46196723	+	0.86	1.89
ENSG0000(LCNL1 protein_co chr9	1.37E+08	1.37E+08	+	0.94	1.32
ENSG0000(RAP1BP2 processed_chr3	1.04E+08	1.04E+08	+	0	0
ENSG0000(LINC02085 lincRNA chr3	1.02E+08	1.02E+08	+	0	0
ENSG0000(BBIP1 protein_co chr10	1.11E+08	1.11E+08	-	16.11	15.7
ENSG0000(TRIM77 protein_co chr11	89710299	89717872	+	0	0
ENSG0000(GNAT3 protein_co chr7	80458671	80512020	-	0	0
ENSG0000(KRT18P13 processed_chr9	97698922	97700734	+	0	0
ENSG0000(FAM149B1 processed_chr15	96756987	96758596	+	0	0
ENSG0000(LRRC37A4F transcribed chr17	45506741	45550335	-	5	5.37
ENSG0000(NPM1P10 processed_chr6	1.04E+08	1.04E+08	-	0	0

ENSG0000(CYCSP6	processed_chr2	78412793	78413094	-	0	0
ENSG0000(AC068831.	antisense_chr15	91022619	91036611	+	0.44	0
ENSG0000(GOLGA2P8	transcribed_chr15	90291962	90295683	+	0	0
ENSG0000(NIFKP1	processed_chr10	30380174	30381062	+	0	0
ENSG0000(AS3MT	protein_co_chr10	1.03E+08	1.03E+08	+	3.04	3.13
ENSG0000(FAM185BP	unprocessed_chr7	77083886	77122116	-	0.64	0.63
ENSG0000(FAM187A	protein_co_chr17	44899712	44905390	+	1.27	1.06
ENSG0000(RCN1P2	processed_chr13	45390353	45391267	-	1.43	0.56
ENSG0000(PLIN5	protein_co_chr19	4522531	4535224	-	0	0
ENSG0000(RPL7P29	processed_chr6	86970466	86971193	+	0	0
ENSG0000(TPT1P6	processed_chr6	85427453	85427966	-	0	0
ENSG0000(SMARCE1P	processed_chr2	26149204	26150731	+	0.05	0
ENSG0000(RPSAP28	processed_chr2	73370019	73370892	+	0	0
ENSG0000(RPL7P1	processed_chr5	1.5E+08	1.5E+08	+	0.2	0
ENSG0000(OR7E148P	unprocessed_chr12	8427640	8428610	-	0	0
ENSG0000(SEC14L6	protein_co_chr22	30522799	30546682	-	0.1	0.11
ENSG0000(SPINK13	protein_co_chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(HIGD1C	protein_co_chr12	50953922	50970506	+	0	0
ENSG0000(NOTO	protein_co_chr2	73202258	73212513	+	0	0
ENSG0000(KRT42P	transcribed_chr17	41626327	41640199	-	0.2	0.06
ENSG0000(PPME1	protein_co_chr11	74171099	74254703	+	20.85	21.45
ENSG0000(KRTAP2-2	protein_co_chr17	41054498	41055230	-	0	0
ENSG0000(AC130709.	processed_chr2	68528241	68529452	-	0	0
ENSG0000(AP000343.	processed_chr22	23322543	23322927	-	0	0
ENSG0000(STARD10	protein_co_chr11	72754729	72794168	-	10.34	11.36
ENSG0000(KRT18P33	processed_chr2	65666695	65667737	+	0	0
ENSG0000(ZNF705E	protein_co_chr11	71814045	71821548	-	0	0
ENSG0000(RPS15AP1	processed_chr20	21166206	21166596	-	0.44	1.46
ENSG0000(RPS4XP3	processed_chr20	56601701	56602113	+	0	0
ENSG0000(GTF2IRD2P	transcribed_chr7	73242751	73280119	-	0.05	0.05
ENSG0000(AC087491.	lincRNA_chr17	39619613	39622513	+	0	0
ENSG0000(MEG3	lincRNA_chr14	1.01E+08	1.01E+08	+	106.56	107.96
ENSG0000(SDHCP2	processed_chr10	92118664	92119164	+	0	0
ENSG0000(COPS8P2	processed_chr3	68145004	68145630	+	0	0
ENSG0000(LRRC37A11	transcribed_chr17	39027277	39053205	+	0	0
ENSG0000(RP11-74E2	processed_chr6	65302522	65304957	+	0	0
ENSG0000(RP11-323J.	antisense_chr4	98251688	98261630	-	0.48	0.24
ENSG0000(RPL21P41	processed_chr3	66637149	66637412	+	0	0
ENSG0000(RBBP4P4	processed_chr6	58119741	58121029	-	0	0
ENSG0000(NUTM2D	protein_co_chr10	87357668	87370695	+	3.22	2.54
ENSG0000(GAPDHP15	processed_chr6	57967687	57968661	-	0	0
ENSG0000(CPEB1	protein_co_chr15	82543201	82648861	-	5.95	4.47
ENSG0000(HMGN2P1.	processed_chr17	42753530	42753799	-	0.89	1
ENSG0000(ZNF971P	transcribed_chr16	35446898	35449411	-	0	0
ENSG0000(PGGT1BP2	processed_chr10	79892148	79893175	-	0	0

ENSG0000(RP11-65N1)	processed_chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000(EML6)	protein_co chr2	54723499	54972025	+	0.26	0.46
ENSG0000(CTBP2P5)	processed_chr2	48915267	48916530	-	0	0
ENSG0000(NPM1P36)	processed_chr6	55939790	55940624	-	0	0
ENSG0000(ADAM24P)	unitary_ps chr8	17469518	17471618	+	0	0
ENSG0000(RPS19P1)	processed_chr20	18504633	18505066	+	0	0.61
ENSG0000(RP11-989E)	lincRNA chr16	32885194	32888874	+	0	0
ENSG0000(SLC6A10P)	transcribed chr16	32877469	32885501	-	0.13	0.18
ENSG0000(POLR3DP1)	processed_chr10	74654956	74656131	+	0	0.06
ENSG0000(NDUFB5P2)	processed_chrX	96953630	96954195	-	0	0
ENSG0000(RPSAP6)	processed_chr10	74371535	74372416	+	0	0
ENSG0000(RP11-793K)	processed_chr6	51537155	51537543	-	0	0
ENSG0000(DEFB113)	protein_co chr6	49968677	49969625	-	0	0
ENSG0000(DEFB133)	protein_co chr6	49946021	49950265	-	0	0
ENSG0000(RP11-114H)	transcribed chr15	77941442	77944582	-	0	0
ENSG0000(RP11-83B2)	lincRNA chr12	1.25E+08	1.25E+08	+	0.05	0.05
ENSG0000(RP11-477J)	processed_chr9	1.21E+08	1.21E+08	-	0	0
ENSG0000(ZNF727)	protein_co chr7	64045443	64078549	+	0	0
ENSG0000(HNRNPA3F)	processed_chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-271I)	protein_co chr9	1.21E+08	1.21E+08	+	1.43	1.94
ENSG0000(ZSWIM8)	protein_co chr10	73785582	73801797	+	39.01	37.05
ENSG0000(RP11-120J)	processed_chr2	15869939	15870243	+	0	0
ENSG0000(KRT8P26)	processed_chr11	65726939	65728214	+	0	0
ENSG0000(SLC29A4P2)	unprocessed chr7	63556598	63562588	+	0	0
ENSG0000(SLC29A4P1)	unprocessed chr7	57014285	57020273	-	0	0
ENSG0000(RP11-18B1)	processed_chr9	1.14E+08	1.14E+08	-	0	0
ENSG0000(RPL6P12)	processed_chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(RPL9P16)	processed_chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(IQCF5)	protein_co chr3	51873721	51875584	-	0	0
ENSG0000(AC003045)	processed_chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(IQCF6)	protein_co chr3	51778561	51779187	-	0	0
ENSG0000(C10orf105)	protein_co chr10	71711702	71737824	-	0.06	0.06
ENSG0000(LINC01913)	lincRNA chr2	41877074	41894046	+	0.09	0
ENSG0000(ARHGEF33)	protein_co chr2	38889880	38975449	+	0.69	0.27
ENSG0000(NPAP1P2)	processed_chr10	79860573	79861806	+	0	0
ENSG0000(C12orf71)	protein_co chr12	27081058	27082514	-	0	0
ENSG0000(RP11-247C)	unprocessed chr15	74097106	74098414	-	0	0
ENSG0000(IFRD2)	protein_co chr3	50287732	50292918	-	12.8	10.89
ENSG0000(AC090616)	antisense chr17	32141226	32143135	-	0.11	0.24
ENSG0000(CAPN14)	protein_co chr2	31173056	31233858	-	0	0.05
ENSG0000(ZBED1)	protein_co chrX	2486414	2500967	-	6.12	5.56
ENSG0000(ZBED1)	protein_co chrY	2486414	2500967	-	6.12	5.56
ENSG0000(AC005562)	processed_chr17	30576464	30672789	+	3.77	3.11
ENSG0000(KRT18P49)	processed_chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(CDIPT-AS1)	transcribed chr16	29863593	29868053	+	0	0.3

ENSG0000(RPL5P35	unprocessε	chr22	49757627	49758980	-	0	0
ENSG0000(RP1-139D8	protein_co	chr6	42155426	42163439	+	0	0
ENSG0000(TOMM6	protein_co	chr6	41787662	41789898	+	70.58	69.73
ENSG0000(MRPS5P3	processed_	chr5	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-54I5.	processed_	chrX	55961208	55962482	+	0	0
ENSG0000(RP11-332E	processed_	chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(HNRNPUL2	protein_co	chr11	62712630	62727349	-	16.06	15.69
ENSG0000(AC004870.	processed_	chr7	47052793	47053674	+	0	0
ENSG0000(METTL12	protein_co	chr11	62665309	62668496	+	3.5	3
ENSG0000(CTD-2509C	processed_	chr14	65268829	65269098	+	0	0
ENSG0000(RPL21P1	processed_	chr12	1.22E+08	1.22E+08	+	0	0
ENSG0000(HNRNPA1P	processed_	chr9	1.26E+08	1.26E+08	+	0	0.07
ENSG0000(SEPT7P2	transcribec	chr7	45723780	45768985	-	4.52	2.94
ENSG0000(RP11-544I	antisense	chr14	64329431	64338599	-	0.15	0.37
ENSG0000(RP11-174G	antisense	chr12	14665655	14757963	+	0	0
ENSG0000(RP11-717D	sense_intr	chr3	47601715	47604677	-	0	0
ENSG0000(RP11-726G	protein_co	chr12	9467552	9576275	+	0.01	0.03
ENSG0000(MS4A18	protein_co	chr11	60729304	60744212	+	0	0
ENSG0000(POLR2J4	processed_	chr7	43940895	44019175	-	2.22	1.96
ENSG0000(AC010468.	processed_	chr5	1.11E+08	1.11E+08	-	0.05	0
ENSG0000(MS4A4E	protein_co	chr11	60201253	60243088	-	1.51	1.28
ENSG0000(OOSP1	unitary_ps	chr11	59938455	59995845	+	0	0
ENSG0000(KRT18P42	processed_	chr5	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-480I	transcribec	chr1	2.03E+08	2.03E+08	-	0	0.35
ENSG0000(RP11-1036	lincRNA	chr11	59268876	59284033	-	0	0
ENSG0000(RP11-37N2	lincRNA	chr8	1.24E+08	1.24E+08	-	0.11	0
ENSG0000(NPM1P31	processed_	chr10	1.25E+08	1.25E+08	+	0	0
ENSG0000(CYCSP55	processed_	chr6	34219439	34220066	+	0	0
ENSG0000(RP5-1053E	processed_	chr1	28120449	28121321	-	0	0
ENSG0000(FER1L6	protein_co	chr8	1.24E+08	1.24E+08	+	0.88	0.84
ENSG0000(IMPDH1P3	processed_	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(CDRT15L2	protein_co	chr17	20579724	20580911	+	0	0
ENSG0000(MPRIPP1	processed_	chr3	44579938	44581026	-	0	0.06
ENSG0000(HMGB1P4	processed_	chr2	1.71E+08	1.71E+08	-	0	0
ENSG0000(KRT16P3	transcribec	chr17	20501513	20512357	-	0	0
ENSG0000(NXT1P1	processed_	chr13	39169636	39169951	-	0	0
ENSG0000(EI24P3	processed_	chr3	44524744	44525805	-	0	0
ENSG0000(DDX12P	unprocessε	chr12	9418673	9448229	-	0.1	0.06
ENSG0000(MTCP1	protein_co	chrX	1.55E+08	1.55E+08	-	8.29	11.71
ENSG0000(UPF3AP2	transcribec	chr17	20375369	20376840	-	0.19	0
ENSG0000(RPL23AP6	processed_	chr20	10349157	10349628	-	0	0
ENSG0000(LINC01347	transcribec	chr1	2.43E+08	2.43E+08	-	0.53	0.52
ENSG0000(RAD51AP2	protein_co	chr2	17510584	17518439	-	0	0
ENSG0000(ZFYVE9P2	processed_	chr2	17284292	17284895	+	0	0
ENSG0000(RP11-115L	processed_	chr4	15730962	15731627	-	0	0

ENSG0000(LINC00612)	processed_ch	12	9055586	9065070	-	0.02	0.03
ENSG0000(RP11-509N)	processed_ch	5	84999812	85000315	-	0	0
ENSG0000(APOC1P1)	transcribed	chr19	44926804	44931386	+	0	0
ENSG0000(KRT16P1)	transcribed	chr17	18432051	18442895	+	0	0
ENSG0000(SEM1P1)	processed_ch	5	81892490	81892721	+	0	0
ENSG0000(EVPLL)	protein_co	chr17	18377662	18389647	+	0	0
ENSG0000(DCDC2C)	protein_co	chr2	3703592	3847411	+	0	0
ENSG0000(SRSF9P1)	processed_ch	21	36295173	36295702	-	0	0
ENSG0000(TPM3P4)	processed_ch	7	27023737	27024907	+	0	0
ENSG0000(AC004540)	lincRNA	chr7	26398593	26494256	+	0	0
ENSG0000(SMTNL1)	protein_co	chr11	57542641	57550274	+	0	0
ENSG0000(MED28P1)	processed_ch	10	68991137	68991707	+	0	0
ENSG0000(RPL5P31)	processed_ch	13	51161723	51162357	-	0	0
ENSG0000(OR7E5P)	unprocess	chr11	55979398	55980103	-	0	0
ENSG0000(TMEM14D)	processed_ch	10	68544489	68544833	-	0	0
ENSG0000(RP11-574N)	unprocess	chr11	50409042	50422316	+	0	0
ENSG0000(FAM177A1)	processed_ch	4	98955982	98956767	+	0	0
ENSG0000(XXyac-YM2)	antisense	chr9	87857015	87859399	-	0	0
ENSG0000(RPS9P1)	processed_ch	21	36132450	36133032	+	0	0
ENSG0000(CTD-2299I)	processed_ch	5	79000112	79001124	-	0	0
ENSG0000(TRIM64C)	protein_co	chr11	49053714	49059112	-	0	0
ENSG0000(USP8P1)	processed_ch	6	31275572	31278754	+	0	0
ENSG0000(LINC00243)	lincRNA	chr6	30798654	30830659	-	0.03	0.1
ENSG0000(RPSAP55)	processed_ch	15	52885595	52886470	+	0	0
ENSG0000(U82695.5)	protein_co	chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(LINC01588)	lincRNA	chr14	49927571	50092643	-	0.18	0.29
ENSG0000(RPS15AP3)	processed_ch	14	47444106	47444494	-	0	0
ENSG0000(DUTP8)	processed_ch	4	98048555	98049043	+	0	0
ENSG0000(RP11-229N)	processed_ch	9	86374966	86375706	-	0	0
ENSG0000(RPL23AP3)	processed_ch	21	36016079	36016546	-	0	0
ENSG0000(XX-FW802)	lincRNA	chrX	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-5316)	processed_ch	18	32075885	32076272	-	0	0
ENSG0000(RP11-674E)	sense_intr	chr3	1.56E+08	1.56E+08	-	0.25	0.04
ENSG0000(HLA-F-AS1)	processed_ch	6	29726601	29749049	-	2.16	2.23
ENSG0000(RP3-507I15)	processed_ch	X	1.41E+08	1.41E+08	+	0	0
ENSG0000(SPATA31D)	protein_co	chr9	81988772	81995256	+	0	0
ENSG0000(KRT8P6)	processed_ch	X	1.38E+08	1.38E+08	-	0	0
ENSG0000(NPIPA8)	protein_co	chr16	18317942	18336736	-	0.24	0
ENSG0000(ZSWIM7)	protein_co	chr17	15976560	15999717	-	5.37	5.96
ENSG0000(AC113167)	lincRNA	chr5	89900664	89904908	+	0	0.22
ENSG0000(GPR33)	protein_co	chr14	31482875	31488142	-	0	0
ENSG0000(ARHGEF28)	protein_co	chr5	73626158	73941993	+	5.25	5.76
ENSG0000(TBC1D26)	protein_co	chr17	15732247	15749192	+	0	0
ENSG0000(LRRC69)	protein_co	chr8	91101832	91219236	+	0.64	0.33
ENSG0000(AP000318)	lincRNA	chr21	34205055	34325034	+	0	0

ENSG00000181500	ISPD	protein_co	chr7	16087527	16421322	-	0.43	0.39
ENSG00000181501	RP11-355K	processed	chrX	1.34E+08	1.34E+08	+	0	0
ENSG00000181502	NPIPA7	protein_co	chr16	16379055	16393954	+	3.38	3.6
ENSG00000181503	CTC-297N7	antisense	chr17	10579040	10623036	+	0	0
ENSG00000181504	CHCHD3P3	processed	chr1	27200834	27201473	-	0	0
ENSG00000181505	PPIAP29	processed	chr6	24976419	24976982	+	0.16	0
ENSG00000181506	VDAC2P1	processed	chr21	16094415	16095372	-	0	0
ENSG00000181507	GSG1L2	protein_co	chr17	9802386	9822071	-	0	0
ENSG00000181508	RP11-274J	processed	chr4	84244003	84245488	+	0	0
ENSG00000181509	RPL7AP26	processed	chr4	82490823	82491635	-	0	0
ENSG00000181510	AKAP17BP	unprocess	chrX	1.19E+08	1.19E+08	-	0	0
ENSG00000181511	CCNB2P1	processed	chr7	7909300	7910449	-	0	0
ENSG00000181512	AC129492	antisense	chr17	8079482	8081565	+	0.09	0
ENSG00000181513	RP1-31B8.1	processed	chrX	1.09E+08	1.09E+08	+	0	0
ENSG00000181514	RPL23AP59	processed	chr10	1.07E+08	1.07E+08	+	0	0
ENSG00000181515	RPL15P20	processed	chr16	15931697	15932294	-	0	0.13
ENSG00000181516	MESTP4	processed	chr3	29087396	29088599	+	0	0
ENSG00000181517	HSPD1P7	processed	chr21	28887280	28889272	-	0	0
ENSG00000181518	CHCHD2P2	processed	chr5	69333929	69334249	+	0	0
ENSG00000181519	DNAJA1P3	processed	chrX	1.07E+08	1.07E+08	-	0	0.05
ENSG00000181520	ACSM4	protein_co	chr12	7304284	7328724	+	0	0
ENSG00000181521	C22orf29	protein_co	chr22	19846138	19854896	-	3.09	3.71
ENSG00000181522	RP5-832C2	lincRNA	chr1	1574975	1577075	+	0.62	0.56
ENSG00000181523	RPL24P7	processed	chr3	23134372	23134824	+	0	0
ENSG00000181524	COL28A1	protein_co	chr7	7356203	7535853	-	0.19	0.27
ENSG00000181525	PHB2	protein_co	chr12	6965327	6970825	-	77.12	75.53
ENSG00000181526	RP1-257A7	antisense	chr6	13264861	13295586	-	1.47	0.52
ENSG00000181527	AC114730	antisense	chr2	2.42E+08	2.42E+08	-	0	0
ENSG00000181528	TCP11X2	protein_co	chrX	1.02E+08	1.02E+08	-	0	0
ENSG00000181529	RPL13P12	processed	chr17	17383377	17384012	-	15.59	16.4
ENSG00000181530	GNL3LP1	processed	chr5	60891935	60893577	-	0.17	0
ENSG00000181531	DSTNP4	processed	chr3	39214199	39214672	+	0	0
ENSG00000181532	FDPSP5	processed	chrX	44476027	44477422	-	0	0
ENSG00000181533	VENTXP2	processed	chr13	83907301	83907781	-	0	0
ENSG00000181534	CD27-AS1	processed	chr12	6439001	6451567	-	23.35	23.02
ENSG00000181535	NEURL4	protein_co	chr17	7315628	7329393	-	7.68	7.31
ENSG00000181536	GLULP6	processed	chr2	1.94E+08	1.94E+08	-	0	0
ENSG00000181537	GRID2IP	protein_co	chr7	6497462	6551436	-	0	0
ENSG00000181538	PRDX2P1	processed	chr13	30296147	30296735	+	0	0
ENSG00000181539	HNRNPCP1	processed	chrX	1.45E+08	1.45E+08	+	0	0
ENSG00000181540	PKMP5	processed	chr6	5972412	5974012	+	0	0
ENSG00000181541	RPL21P2	processed	chr20	4059633	4060113	-	0	0
ENSG00000181542	DUSP8P4	processed	chr10	47564256	47566016	+	0	0
ENSG00000181543	ALOX12-AS	antisense	chr17	6876635	7012349	-	7.52	8.2
ENSG00000181544	AC025171	antisense	chr5	43041575	43045390	+	1.97	2.68

ENSG0000(XRCC6P5	processed_ chrX	99719364	99721158	-	0	0
ENSG0000(RP11-471G	processed_ chrX	95584303	95584942	+	0	0
ENSG0000(NPM1P24	processed_ chr10	72917641	72918534	-	0	0
ENSG0000(RPS5P3	processed_ chr21	33481580	33482195	-	0	0
ENSG0000(KRT18P11	processed_ chrX	92459670	92460952	+	0	0
ENSG0000(EEF1A1P29	processed_ chrX	86160264	86161359	-	0	0
ENSG0000(RP11-244K	processed_ chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(IFITM8P	processed_ chr8	63409064	63409457	+	0	0
ENSG0000(DUSP8P3	processed_ chr10	46774421	46776180	-	0.13	0.07
ENSG0000(TERF1P4	processed_ chrX	83748825	83749939	-	0	0
ENSG0000(TTC3P1	processed_ chrX	75740831	75746911	-	1	1.16
ENSG0000(UGT2B25P	processed_ chr4	69389492	69402081	+	0	0
ENSG0000(FAM74A1	lincRNA chr9	39371065	39376916	+	0	0
ENSG0000(CXorf49B	protein_co chrX	71763424	71767204	+	0.07	0.08
ENSG0000(UBXN2B	protein_co chr8	58411264	58451501	+	8.72	6.99
ENSG0000(CXorf49	protein_co chrX	71714371	71718151	-	0.07	0.08
ENSG0000(LINC00588	lincRNA chr8	57279543	57284731	+	0.03	0
ENSG0000(AL590763.	processed_ chrX	71527814	71530225	-	0	0
ENSG0000(AMD1P4	processed_ chr6	11861626	11862970	-	0	0.05
ENSG0000(CBWD7	protein_co chr9	41131306	41199261	-	3.85	2.91
ENSG0000(SYT14P1	transcribed chr4	68061822	68063269	-	0	0
ENSG0000(C16orf90	protein_co chr16	3493484	3495480	-	0	0
ENSG0000(RP11-313J	transcribed chr10	42331866	42367974	-	0	0
ENSG0000(PRSS41	protein_co chr16	2798485	2805302	+	0	0
ENSG0000(KRT18P32	processed_ chr1	2.38E+08	2.38E+08	+	0	0
ENSG0000(ABCD1P2	unprocessε chr10	38601418	38605609	+	0	0
ENSG0000(AC141586.	transcribed chr16	2603350	2630494	+	1.64	1.55
ENSG0000(RP11-1023	processed_ chr5	34190056	34193653	+	0	0
ENSG0000(RP11-1023	transcribed chr5	34164698	34244796	-	2.87	1.79
ENSG0000(RP11-629N	antisense chr12	64759521	64779318	+	0	0
ENSG0000(OR7E122P	unprocessε chr3	8688143	8689159	+	0	0
ENSG0000(LINC00269	lincRNA chrX	69179557	69209924	+	0.05	0.06
ENSG0000(TCEA1P3	processed_ chr9	38478471	38479350	+	0	0
ENSG0000(RP11-30M	processed_ chrX	66055587	66056587	-	0	0
ENSG0000(NLRP2B	protein_co chrX	57677067	57680260	-	0	0
ENSG0000(IGLV8OR8-	IG_V_pseu chr8	47202444	47202897	-	0	0
ENSG0000(MAPK6PS4	processed_ chr8	46972476	46974617	-	0	0.09
ENSG0000(MUC5AC	protein_co chr11	1157953	1201138	+	0	0
ENSG0000(MSMP	protein_co chr9	35752990	35756613	-	0	0
ENSG0000(RPS12P16	processed_ chr10	34675635	34676041	-	0	0
ENSG0000(GOLGA6B	protein_co chr15	72654738	72666394	+	0	0
ENSG0000(FAM166B	protein_co chr9	35561831	35563899	-	0	0
ENSG0000(LINC00680	transcribed chr6	57946074	57961501	-	3.87	7.9
ENSG0000(PEX26	protein_co chr22	18077920	18131138	+	7.72	10.12
ENSG0000(AC091878.	antisense chr5	17130028	17217047	-	0.06	0.04

ENSG0000(PGAM4P1 processed_ chrX	54671985	54672638	+	0	0
ENSG0000(RP11-182N processed_ chr9	35147410	35149184	-	0	0
ENSG0000(YWHAZP6 processed_ chr9	34922184	34922921	-	1.68	2.04
ENSG0000(GRXC1 protein_co chr4	42893267	43030658	+	0	0
ENSG0000(TRBV24OR TR_V_pseu chr9	33649047	33649614	+	0	0
ENSG0000(KRT18P60 processed_ chr12	65418731	65420027	-	0	0
ENSG0000(RBMXP2 processed_ chr9	30689105	30690272	+	0	0.06
ENSG0000(C5orf49 protein_co chr5	7830378	7851490	-	0.3	0.07
ENSG0000(UBE2QL1 protein_co chr5	6448623	6494909	+	0	0.03
ENSG0000(UBA52P6 processed_ chr9	22012155	22012536	+	0.23	0.25
ENSG0000(CYP51A1P3 processed_ chr6	1.48E+08	1.48E+08	+	0	0
ENSG0000(NUTF2P5 processed_ chr10	13870797	13871175	+	0	0
ENSG0000(LINC01020 lincRNA chr5	5034359	5070004	+	0	0
ENSG0000(RPL7P33 processed_ chr9	15361393	15362134	+	0	0
ENSG0000(RP11-54D1 unprocessε chr9	14993312	15019729	+	0	0
ENSG0000(RP11-266K lincRNA chr12	8235415	8242564	+	2.8	1.34
ENSG0000(RP11-563J; lincRNA chr10	6277687	6335982	+	0.04	0
ENSG0000(RP11-43F1 antisense chr5	987180	997308	-	0.19	0.27
ENSG0000(FASTKD5 protein_co chr20	3146519	3159897	-	4.64	5.05
ENSG0000(GOLGA8B protein_co chr15	34525207	34588503	-	24.83	34.48
ENSG0000(DHRS4-AS1 antisense chr14	23938731	23988839	-	9.36	7.81
ENSG0000(KCNU1 protein_co chr8	36784324	36936128	+	0	0
ENSG0000(AC025750. processed_ chr2	42532766	42533442	-	0	0
ENSG0000(RPL10AP3 processed_ chr8	34322992	34323642	-	0	0
ENSG0000(AKR1C7P transcribed chr10	5275173	5288470	-	0.12	0
ENSG0000(LA16c-60G processed_ chr22	15562017	15564276	-	0	0
ENSG0000(GAGE12G protein_co chrX	49570434	49577754	+	0	0
ENSG0000(LA16c-60H processed_ chr22	15854195	15855243	-	0	0
ENSG0000(HOMEZ protein_co chr14	23272422	23299447	-	6.67	5.83
ENSG0000(GAGE10 protein_co chrX	49303669	49319844	+	0	0
ENSG0000(RNF212B protein_co chr14	23185316	23273477	+	0	0
ENSG0000(RPS7P6 processed_ chr4	17427696	17428274	-	0	0
ENSG0000(HMGB3P2; processed_ chr9	36303499	36304924	-	0	0
ENSG0000(RP11-198M processed_ chrX	46725164	46725818	-	0	0
ENSG0000(RP5-1158E processed_ chrX	45913118	45913871	+	0	0
ENSG0000(RP11-613H processed_ chr8	27011147	27012371	-	0	0
ENSG0000(TMCO5B transcribed chr15	33235552	33247621	-	0	0
ENSG0000(RP11-62E1 processed_ chr9	3364329	3364792	-	0	0
ENSG0000(DDX3X protein_co chrX	41333348	41364472	+	58.39	58.05
ENSG0000(CTD-3092A transcribed chr15	30470779	30507623	+	1.26	1.16
ENSG0000(RP13-395E processed_ chr15	32398956	32435233	-	0.07	0
ENSG0000(VPS16 protein_co chr20	2840703	2866732	+	16.58	16.38
ENSG0000(RP6-60B16 processed_ chrX	33410944	33412173	+	0	0
ENSG0000(NPM1P12 processed_ chr7	1.49E+08	1.49E+08	+	0.08	0
ENSG0000(RPL6P30 processed_ chrX	16198428	16199289	-	0	0.08

ENSG0000(THUMPD1)	processed_ chr21	28901779	28903697 -	0	0
ENSG0000(EIF5P1	processed_ chrX	9818239	9819469 -	0	0.05
ENSG0000(ASS1P10	processed_ chr5	1.45E+08	1.45E+08 +	0	0
ENSG0000(GPX1P2	processed_ chr21	27143344	27143949 -	0	0.13
ENSG0000(KRT18P23	processed_ chr22	44566965	44568247 +	0	0
ENSG0000(ZNF705CP	unprocessε chr8	12356136	12359391 +	0	0
ENSG0000(ZNF705D	protein_co chr8	12104389	12115516 +	0	0
ENSG0000(SLC25A5P1	processed_ chr22	42001069	42001966 -	0	0
ENSG0000(MRPL3P1	processed_ chr13	19304593	19305625 -	0	0
ENSG0000(PPIAP1	processed_ chr21	20828127	20828622 -	0	0
ENSG0000(C1QBPP1	processed_ chr21	19759359	19760128 -	0	0
ENSG0000(FAM90A24	transcribec chr8	8019429	8024652 -	0	0
ENSG0000(ZNF705B	protein_co chr8	7926337	7952413 +	0	0
ENSG0000(HSPD1P8	processed_ chr13	78849231	78851208 +	0	0
ENSG0000(FAM90A22	unprocessε chr8	7571995	7575006 -	0	0
ENSG0000(TMED11P	transcribec chr4	1115197	1153726 -	0	0
ENSG0000(BOD1P2	processed_ chr18	5132749	5133229 -	0	0
ENSG0000(RPL37P3	processed_ chr21	17894193	17894485 -	0	0
ENSG0000(DEFB108P2	unprocessε chr8	7373114	7377500 +	0	0
ENSG0000(ZNF705G	protein_co chr8	7355517	7385558 -	0	0
ENSG0000(FAM90A5P	unprocessε chr8	7287392	7290402 +	0	0
ENSG0000(FAM66B	lincRNA chr8	7301611	7355354 -	2.1	2.63
ENSG0000(MYL5	protein_co chr4	673580	682033 +	13.49	14.56
ENSG0000(DEFT1P	unprocessε chr8	6987178	6989721 -	0	0
ENSG0000(AC090625.	processed_ chr11	35374265	35374474 +	0	0
ENSG0000(RP5-1057J	processed_ chr1	23244765	23245224 +	0.34	0
ENSG0000(MIR99AHG	lincRNA chr21	15928296	16627397 +	1.61	1.37
ENSG0000(ACTG1P3	processed_ chr20	1160584	1161697 +	0.21	0.3
ENSG0000(SCRT2	protein_co chr20	661596	676179 -	0	0
ENSG0000(RP11-754I2	transcribec chr14	18333726	18341859 +	0	0
ENSG0000(HMGB3P7	processed_ chr13	1.02E+08	1.02E+08 +	0	0.12
ENSG0000(LL22NC01-	antisense chr22	36965248	36968172 +	0	0
ENSG0000(RP11-748L	unprocessε chr10	27331357	27341252 -	0	0
ENSG0000(PSMA6P1	processed_ chrY	13286638	13287378 +	0	0
ENSG0000(MIR17HG	processed_ chr13	91347820	91354579 +	0.22	0.23
ENSG0000(PEX12P1	processed_ chr13	89991831	89992878 +	0	0
ENSG0000(ZNF407	protein_co chr18	74597870	75065671 +	2.22	2.15
ENSG0000(MCM3AP-/-	antisense chr21	46229217	46259390 +	1.42	2.86
ENSG0000(NPEPL1	protein_co chr20	58689131	58719238 +	21.75	25.07
ENSG0000(CTAGE12P	processed_ chr9	27608382	27610745 -	0	0.13
ENSG0000(RP5-827A1	processed_ chr20	51734533	51735067 +	0	0
ENSG0000(BX322557.	processed_ chr21	45288052	45291738 +	4.61	4.24
ENSG0000(SRMP1	processed_ chr20	47859788	47860672 +	0	0
ENSG0000(RP5-890O1	processed_ chr20	47160838	47161700 -	0	0
ENSG0000(ZNF663P	processed_ chr20	46414228	46459276 -	0	0

ENSG0000(KRTAP10-4 protein_co chr21	44573724	44638284	+	0	0
ENSG0000(KRTAP10-1 protein_co chr21	44538981	44540195	-	0	0
ENSG0000(BCRP4 unprocessε chr22	22630065	22636153	+	0	0
ENSG0000(RPS8P3 processed_ chr18	51845007	51845628	-	0	0
ENSG0000(AATBC antisense chr21	43805758	43812567	-	0.05	0.14
ENSG0000(AP000354. processed_ chr22	24269346	24270134	-	0	0
ENSG0000(RPL27AP processed_ chr20	43652523	43653291	+	0	0
ENSG0000(RPL17-C18 protein_co chr18	49481681	49492479	-	5.3	7.44
ENSG0000(SKOR2 protein_co chr18	47206322	47251603	-	0	0
ENSG0000(SIAH3 protein_co chr13	45777243	45851736	-	0	0
ENSG0000(RCN1P1 processed_ chr6	87121693	87122688	-	0	0
ENSG0000(CES5AP1 transcribec chr22	23359603	23387731	-	0	0
ENSG0000(OR7E37P unprocessε chr13	41442770	41443666	+	0	0
ENSG0000(BCRP3 processed_ chr22	24632915	24650012	+	0	0.21
ENSG0000(CALM2P3 processed_ chr13	41170700	41171148	-	0	0
ENSG0000(LINC00598 lincRNA chr13	40079106	40535807	-	0.27	0.13
ENSG0000(ARL2BPP3 transcribec chr13	36789332	36795050	+	0	0
ENSG0000(HNRNPA1P processed_ chr18	32412214	32413176	-	0	0
ENSG0000(XXbac-B56. processed_ chr22	20450122	20451824	+	0	0
ENSG0000(FAM230B processed_ chr22	21167758	21302681	+	0	0
ENSG0000(TPTE2P4 unprocessε chrY	26508213	26579690	+	0	0
ENSG0000(RBMY2DP transcribec chrY	26123674	26133308	+	0	0
ENSG0000(AP005901. transcribec chr18	15307663	15330282	-	0.02	0
ENSG0000(IFIT1P1 processed_ chr13	32384660	32386108	+	0	0
ENSG0000(RPS4XP4 processed_ chr1	20525989	20526751	+	0	0
ENSG0000(EFCAB8 protein_co chr20	32858923	32961609	+	0.08	0
ENSG0000(LINC00189 sense_ovei chr21	29193480	29288205	+	0.08	0.18
ENSG0000(ZNF736P11 processed_ chrY	22866544	22867756	-	0	0
ENSG0000(RBMY2CP transcribec chrY	23537308	23546942	-	0	0
ENSG0000(BCRP7 unprocessε chr22	18855621	18858640	-	0	0
ENSG0000(DEFB116 protein_co chr20	31303212	31308585	-	0	0
ENSG0000(DKKL1P1 processed_ chr20	31274170	31274867	+	0	0
ENSG0000(DEFB115 protein_co chr20	31257664	31259632	+	0	0
ENSG0000(FRG1JP unprocessε chr9	63832127	63859641	-	1.24	0.3
ENSG0000(KRT18P3 processed_ chr20	22732802	22734089	-	0	0
ENSG0000(ANKRD20A transcribec chr21	13909574	13980437	-	0	0.03
ENSG0000(TTTY5 lincRNA chrY	22296798	22298876	-	0	0
ENSG0000(CNN2P7 processed_ chr21	13826696	13827627	+	0	0
ENSG0000(RP11-79C2 unprocessε chr15	19878555	19887814	+	0	0
ENSG0000(GAB4 protein_co chr22	16961936	17008222	-	0	0
ENSG0000(GRK6P1 processed_ chr13	21319156	21320866	+	0.03	0
ENSG0000(ESRRAP1 processed_ chr13	19560013	19561269	-	0	0
ENSG0000(BCORP1 transcribec chrY	19455431	19503153	-	0	0.01
ENSG0000(ASS1P6 processed_ chrY	11922536	11923769	-	0	0
ENSG0000(RP5-836E8 processed_ chr20	7831798	7832322	-	0	0

ENSG0000(KANK1P1	processed_ chr20	5928085	5929318	-	0	0
ENSG0000(C20orf202	protein_co chr20	1203454	1208274	+	0	0
ENSG0000(TSPY24P	unprocessε chrY	8280198	8282209	+	0	0
ENSG0000(ZNF92P1Y	processed_ chrY	7853686	7854876	-	0	0
ENSG0000(ZNF962P	unprocessε chr13	18467172	18485448	-	0	0.02
ENSG0000(KRT18P35	processed_ chr3	1.41E+08	1.41E+08	-	0	0
ENSG0000(HMX1	protein_co chr4	8846076	8871817	-	0	0
ENSG0000(GUSBP9	unprocessε chr5	71197646	71208130	-	1.21	1.09
ENSG0000(GCGR	protein_co chr17	81804132	81814013	+	0	0.03
ENSG0000(AC114730.	antisense chr2	2.42E+08	2.42E+08	-	0.49	0.36
ENSG0000(RSC1A1	protein_co chr1	15659869	15661722	+	2.36	2.69
ENSG0000(CELA2B	protein_co chr1	15465909	15491400	+	0.08	0
ENSG0000(TMEM242	protein_co chr6	1.57E+08	1.57E+08	-	3.97	4.83
ENSG0000(TMEM167I	protein_co chr1	1.09E+08	1.09E+08	+	24.18	23.15
ENSG0000(RP1-21O18	processed_ chr1	15191828	15192845	-	0	0
ENSG0000(MRPL20P1	processed_ chr21	36994643	36995075	+	0	0
ENSG0000(TAF9BP2	processed_ chr10	1.15E+08	1.15E+08	+	0	0
ENSG0000(CTB-61M7.	processed_ chr19	54724496	54798285	+	0	0
ENSG0000(ARHGAP27	processed_ chr17	64749663	64781707	-	3.82	3.99
ENSG0000(LRRC37A14	processed_ chr22	41189727	41190188	-	0	0
ENSG0000(FAM72D	protein_co chr1	1.45E+08	1.45E+08	+	0.06	0.36
ENSG0000(CFL1P6	processed_ chr1	10990978	10991797	-	0	0
ENSG0000(TNFRSF25	protein_co chr1	6461151	6466195	-	5.3	5.3
ENSG0000(SLC35E2	protein_co chr1	1724838	1745992	-	8.47	8.49
ENSG0000(RP11-488L.	processed_ chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RP11-551G	processed_ chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(RSL24D1P4	processed_ chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(RFKP1	transcribec chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-438C	processed_ chr1	2.4E+08	2.4E+08	+	0	0
ENSG0000(KRT18P65	processed_ chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(LINC01139	lincRNA chr1	2.38E+08	2.38E+08	-	0.3	0.45
ENSG0000(BTNL10	transcribec chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(ZNF847P	unprocessε chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(ZC3H11B	protein_co chr1	2.2E+08	2.2E+08	-	0.09	0.1
ENSG0000(KRT18P12	processed_ chr1	2.15E+08	2.15E+08	+	0	0
ENSG0000(QRSL1P1	processed_ chr1	1.68E+08	1.68E+08	-	0	0
ENSG0000(FMO9P	transcribec chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(RP11-9L18.	processed_ chr1	1.66E+08	1.66E+08	-	0	0
ENSG0000(SDHAP2	transcribec chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP11-466F	transcribec chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(RP11-122G	processed_ chr1	1.61E+08	1.61E+08	+	0	0.16
ENSG0000(RP11-800A	antisense chr11	73214998	73215913	-	3.27	0.62
ENSG0000(TSTD1	protein_co chr1	1.61E+08	1.61E+08	-	11.64	12.09
ENSG0000(MPTX1	processed_ chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(RPTN	protein_co chr1	1.52E+08	1.52E+08	-	0	0

ENSG00000174066	RP6-74066	lincRNA	chr1	1.48E+08	1.48E+08	-	0	0
ENSG00000189606	WI2-18960	unprocessed	chr1	1.49E+08	1.49E+08	-	18.26	19.12
ENSG00000189607	NBPF7	unprocessed	chr1	1.2E+08	1.2E+08	-	0	0
ENSG00000189608	LINC01356	lincRNA	chr1	1.13E+08	1.13E+08	-	0	0
ENSG00000189609	KRT18P57	processed	chr1	1.12E+08	1.12E+08	-	0	0
ENSG00000189610	RP11-364B	transcribed	chr1	1.04E+08	1.04E+08	+	0.42	0.03
ENSG00000189611	RP5-837M	processed	chr1	1E+08	1E+08	-	0	0
ENSG00000189612	FEN1P1	processed	chr1	91328369	91329513	+	0	0
ENSG00000189613	CAPNS1P1	processed	chr1	89394033	89394665	+	0	0
ENSG00000189614	ST13P20	transcribed	chr1	81721693	81723068	+	0.06	0.19
ENSG00000189615	MARCKSL1	processed	chr6	1.38E+08	1.38E+08	-	0	0
ENSG00000189616	RP11-65D2	lincRNA	chr13	1.12E+08	1.12E+08	+	0	0
ENSG00000189617	CYB5RL	protein_coding	chr1	54169651	54200036	-	4.46	4.89
ENSG00000189618	ZNF859P	unprocessed	chr1	49841821	49846400	+	0	0
ENSG00000189619	RPL23AP17	processed	chr1	41098638	41099136	+	0	0
ENSG00000189620	RP11-334L	processed	chr1	38708931	38710890	+	0	0
ENSG00000189621	RP11-439L	processed	chr1	31487589	31488930	-	0	0
ENSG00000189622	SELENOWP	processed	chr1	31094987	31095558	-	0	0
ENSG00000189623	RP11-4M2	processed	chr1	24007881	24008519	-	0	0
ENSG00000189624	LACTBL1	protein_coding	chr1	22953043	22965338	-	0	0
ENSG00000189625	CROCCP2	transcribed	chr1	16618253	16657232	-	7.13	6.85
ENSG00000189626	BRWD1P1	processed	chr1	13555001	13555694	+	0	0
ENSG00000189627	C1orf167	protein_coding	chr1	11761787	11789585	+	0.81	0.31
ENSG00000189628	TTC34	protein_coding	chr1	2635976	2801717	-	0.07	0.12
ENSG00000189629	MMP23A	unprocessed	chr1	1699942	1701782	+	2.65	3.71
ENSG00000189630	ATAD3C	protein_coding	chr1	1449689	1470158	+	0.5	1.18
ENSG00000189631	MIR942	miRNA	chr1	1.17E+08	1.17E+08	+	0	0
ENSG00000189632	MIR190B	miRNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG00000189633	MIR873	miRNA	chr9	28888879	28888955	-	0	0
ENSG00000189634	MIR892A	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG00000189635	MIR921	miRNA	chr1	1.66E+08	1.66E+08	-	0	0
ENSG00000189636	MIR300	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000189637	MIR297	miRNA	chr4	1.11E+08	1.11E+08	-	0	0
ENSG00000189638	MIR876	miRNA	chr9	28863626	28863706	-	0	0
ENSG00000189639	MIR933	miRNA	chr2	1.75E+08	1.75E+08	-	0	0
ENSG00000189640	MIR208B	miRNA	chr14	23417987	23418063	-	0	0
ENSG00000189641	MIR450B	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000189642	MIR888	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG00000189643	MIR874	miRNA	chr5	1.38E+08	1.38E+08	-	0	0
ENSG00000189644	MIR298	miRNA	chr20	58818226	58818313	-	0	0
ENSG00000189645	MIR938	miRNA	chr10	29602264	29602346	-	0	0
ENSG00000189646	MIR891A	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG00000189647	MIR944	miRNA	chr3	1.9E+08	1.9E+08	+	0	0
ENSG00000189648	MIR934	miRNA	chrX	1.37E+08	1.37E+08	+	0	0
ENSG00000189649	MIR891B	miRNA	chrX	1.46E+08	1.46E+08	-	0	0

ENSG0000(MIR875	miRNA	chr8	99536786	99536861	-	0	0
ENSG0000(MIR890	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG0000(MIR887	miRNA	chr5	15935182	15935260	+	0	0
ENSG0000(MIR892B	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG0000(MIR889	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR877	miRNA	chr6	30584332	30584417	+	0	0
ENSG0000(MIR885	miRNA	chr3	10394489	10394562	-	0	0
ENSG0000(MIR941-2	miRNA	chr20	63919505	63919576	+	0	0
ENSG0000(MIR513C	miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG0000(MIR541	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR8485	miRNA	chr2	50696172	50696262	-	0	0
ENSG0000(MIR920	miRNA	chr12	24212421	24212495	+	0	0
ENSG0000(MIR941-4	miRNA	chr20	63919756	63919827	+	0	0
ENSG0000(FABP12P1	processed_	chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-490H	processed_	chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(KRT19P2	transcribec	chr12	94834147	94835158	+	0	0
ENSG0000(RP3-400B1	processed_	chr6	4189116	4189806	+	0	0
ENSG0000(RP3-354N1	processed_	chr6	1.19E+08	1.19E+08	-	0.24	0
ENSG0000(RP3-3821C	processed_	chr6	87425795	87426088	-	0	0
ENSG0000(HIST1H1PS	unprocessε	chr6	26195554	26196633	+	0.12	0
ENSG0000(RPL10P10	processed_	chr6	54602487	54603150	-	0	0
ENSG0000(RP11-486E	processed_	chr6	80555841	80557189	-	0	0
ENSG0000(RP11-360C	processed_	chr6	10514282	10514973	+	0	0
ENSG0000(RP1-182O1	processed_	chr6	5817421	5818366	-	0	0
ENSG0000(MRPL42P2	processed_	chr6	16171606	16172031	+	0	0
ENSG0000(RPL37P15	processed_	chr6	70098390	70098676	-	0	0
ENSG0000(RP3-486D2	processed_	chr6	10118452	10119253	+	0	0
ENSG0000(RP3-344J2	processed_	chr6	1E+08	1E+08	+	0	0
ENSG0000(RPL12P2	processed_	chr6	37091314	37091806	+	0	0
ENSG0000(AC004066.	processed_	chr4	1.06E+08	1.06E+08	-	0	0
ENSG0000(HIST1H2AP	unprocessε	chr6	25732497	25732827	+	0	0
ENSG0000(DUTP5	processed_	chr6	85426657	85427125	-	0	0
ENSG0000(RAET1M	processed_	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(RPSAP43	processed_	chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP1-91J24.	processed_	chr6	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP3-393E1	processed_	chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(IFI30	protein_co	chr19	18173162	18178117	+	26.82	28.74
ENSG0000(RP11-317N	processed_	chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(EEF1GP6	processed_	chr6	96750824	96751728	+	0	0
ENSG0000(RP3-406A7	processed_	chr6	1.36E+08	1.36E+08	+	0	0
ENSG0000(RP3-435K1	processed_	chr6	84966397	84966625	-	0	0
ENSG0000(RP11-471B	processed_	chr6	1.41E+08	1.41E+08	-	0	0
ENSG0000(LINC00955	processed_	chr4	3576869	3590711	+	0	0
ENSG0000(IGSF23	protein_co	chr19	44613630	44636781	+	0	0.54
ENSG0000(RP3-406A7	processed_	chr6	1.36E+08	1.36E+08	-	0	0

ENSG0000(RP11-550C processed_ chr6	47752828	47753240 -	0	0
ENSG0000(RP11-244K transcribed chr6	1.5E+08	1.5E+08 +	0	0
ENSG0000(GAPDHP72 transcribed chr6	1.66E+08	1.66E+08 +	0.06	0
ENSG0000(OR2W4P unprocessed_ chr6	27977150	27978075 +	0	0
ENSG0000(RPL7P25 processed_ chr6	34616538	34617258 +	0	0
ENSG0000(RP3-355L5 processed_ chr6	1.05E+08	1.05E+08 +	0	0
ENSG0000(RP1-95L4.3 processed_ chr6	1.43E+08	1.43E+08 +	0	0
ENSG0000(GAGE12E protein_co chrX	49551333	49558649 +	0	0
ENSG0000(GLRX3P2 processed_ chr6	3978062	3979099 +	0	0
ENSG0000(RP11-506B processed_ chr6	1.12E+08	1.12E+08 -	0	0
ENSG0000(CCNYL3 unprocessed_ chr16	35040164	35084313 +	0	0
ENSG0000(RP1-15D7.1 processed_ chr6	27652602	27652825 -	0	0
ENSG0000(RP11-278J processed_ chr6	58071720	58073134 -	0	0
ENSG0000(CIR1P3 processed_ chr11	34430880	34431649 +	0	0
ENSG0000(COX6A1P3 processed_ chr6	1.21E+08	1.21E+08 +	0	0
ENSG0000(MTND4P13 processed_ chr6	1.54E+08	1.54E+08 +	0	0
ENSG0000(RP3-522P1 processed_ chr6	25261239	25261731 +	0	0
ENSG0000(AC093850 processed_ chr2	2.16E+08	2.16E+08 -	0	0
ENSG0000(NUDT19P3 processed_ chr6	1.14E+08	1.14E+08 -	0	0
ENSG0000(ANXA2P3 processed_ chr10	64825572	64826579 +	0	0
ENSG0000(HMGA1P7 processed_ chr6	1.34E+08	1.34E+08 -	0	0
ENSG0000(RP1-190J2 processed_ chr6	15102946	15104130 -	0	0
ENSG0000(VN1R13P processed_ chr6	27060365	27061249 -	0	0
ENSG0000(RP1-152L7 transcribed chr6	52665148	52669155 +	6.88	6.76
ENSG0000(PRRC2CP1 processed_ chrY	3549652	3549810 -	0	0
ENSG0000(RP1-290I1 processed_ chr6	10365593	10366582 -	0	0
ENSG0000(RP11-390P processed_ chr6	1.39E+08	1.39E+08 -	0	0
ENSG0000(RP11-57K1 processed_ chr6	1.18E+08	1.18E+08 -	0.2	0.19
ENSG0000(RP1-69B13 processed_ chr6	1.46E+08	1.46E+08 -	0	0
ENSG0000(RP11-812I2 processed_ chr6	47562622	47563018 +	0	0
ENSG0000(R3HDM2P2 processed_ chr6	1.04E+08	1.04E+08 -	0	0
ENSG0000(TUBB2BP1 unprocessed_ chr6	3177044	3179764 -	0	0
ENSG0000(ZNF736P1C processed_ chrY	8418791	8419900 -	0	0
ENSG0000(FGF7P4 unprocessed_ chr9	42667506	42668887 -	0	0
ENSG0000(RBMXP1 processed_ chr6	48213604	48214794 -	0	0
ENSG0000(AC009494 processed_ chrY	20843256	20843710 -	0	0
ENSG0000(MTCYBP36 processed_ chr6	94446740	94447179 -	0	0
ENSG0000(RPL17P26 processed_ chr6	56871191	56871743 +	0	0
ENSG0000(DHFRP5 processed_ chr6	62460940	62461503 -	0	0
ENSG0000(LY86-AS1 antisense chr6	6346465	6622771 -	0	0
ENSG0000(RPS2P55 processed_ chrX	40934982	40935864 -	0.31	0.67
ENSG0000(AC114776 processed_ chr2	1.11E+08	1.11E+08 +	0	0
ENSG0000(AC009403 antisense chr7	1.56E+08	1.56E+08 -	1.79	3.49
ENSG0000(ZNF603P unprocessed_ chr6	28176188	28176674 +	0	0
ENSG0000(RP1-161C1 processed_ chr6	85257328	85257694 +	0	0

ENSG0000(SOCS5P5 processed_ chr6	1.13E+08	1.13E+08 +	0	0
ENSG0000(RP11-350J processed_ chr6	1.5E+08	1.5E+08 +	0.15	0.11
ENSG0000(RP4-753D5 processed_ chr6	50897615	50898225 -	0	0
ENSG0000(GPR89P processed_ chr6	27737000	27738494 -	0	0
ENSG0000(RP5-988G1 processed_ chr6	1.32E+08	1.32E+08 -	0	0
ENSG0000(AC131097. protein_co chr2	2.42E+08	2.42E+08 -	0	0
ENSG0000(CCDC7 protein_co chr10	32446140	32882874 +	1.33	0.64
ENSG0000(RPL7P58 processed_ chrX	26686026	26687955 +	0	0
ENSG0000(RP11-568A processed_ chr6	1.67E+08	1.67E+08 -	0	0
ENSG0000(RPL21P65 processed_ chr6	1.07E+08	1.07E+08 +	0	0
ENSG0000(HSPD1P10 processed_ chr6	87298772	87300447 +	0	0
ENSG0000(CYP2AC1P unitary_ps chr6	49565924	49580166 -	0	0
ENSG0000(RP3-329A5 unprocessε chr6	35279177	35279819 -	0	0
ENSG0000(RPL10P1 processed_ chr21	27420380	27421023 -	0	0.12
ENSG0000(TPT1P4 processed_ chr6	1.44E+08	1.44E+08 -	0.14	0.16
ENSG0000(RP11-428J processed_ chr6	4979072	4979494 +	0	0
ENSG0000(RP11-346C processed_ chr6	1.11E+08	1.11E+08 +	0	0
ENSG0000(MTCO3P31 processed_ chr6	1.54E+08	1.54E+08 +	0	0
ENSG0000(RP11-30P6 unprocessε chr6	85286076	85290849 +	0	0
ENSG0000(RP11-448N unprocessε chr6	62547427	62548272 +	0	0
ENSG0000(RP1-13D10 processed_ chr6	16163377	16163762 -	0	0
ENSG0000(MTCO2P33 processed_ chr6	24947880	24948344 +	0	0
ENSG0000(HMGB3P15 processed_ chr6	1.54E+08	1.54E+08 -	0	0
ENSG0000(RPS29P13 processed_ chr6	1.17E+08	1.17E+08 -	0	0
ENSG0000(PPIAP31 processed_ chr10	32188323	32188817 -	0.15	0
ENSG0000(RP1-76C18 processed_ chr6	1.03E+08	1.03E+08 +	0.22	0.05
ENSG0000(FNIP1 protein_co chr5	1.32E+08	1.32E+08 -	10.19	10.26
ENSG0000(RP3-375P9 processed_ chr6	34744176	34744673 +	0	0
ENSG0000(RP1-140K8 processed_ chr6	3921847	3922146 +	0	0
ENSG0000(RP11-129H processed_ chr6	1.22E+08	1.22E+08 +	0	0
ENSG0000(LARP1P1 processed_ chr6	26164072	26164363 +	0	0
ENSG0000(MTCO2P31 processed_ chr6	1.54E+08	1.54E+08 +	0	0
ENSG0000(ANKRD18E processed_ chr6	39110321	39112952 +	0	0
ENSG0000(MTHFD2P2 processed_ chr6	87000045	87000291 -	0	0
ENSG0000(RP11-9G10 processed_ chr6	74282266	74282660 +	0	0
ENSG0000(MTCYBP2 processed_ chrY	18872102	18872272 +	0	0
ENSG0000(RP11-360C processed_ chr6	10574749	10575227 -	0	0
ENSG0000(RP11-277I2 processed_ chr6	1.45E+08	1.45E+08 -	0	0
ENSG0000(RP1-319M processed_ chr6	38587323	38588529 +	0	0
ENSG0000(GSTA12P unprocessε chr6	52765280	52778347 -	0	0
ENSG0000(RP3-340H1 processed_ chr6	1.44E+08	1.44E+08 +	0	0
ENSG0000(SP9 protein_co chr2	1.74E+08	1.74E+08 +	0	0
ENSG0000(RP1-182O1 processed_ chr6	5788346	5788699 -	0	0
ENSG0000(CBX3P9 processed_ chr6	1.16E+08	1.16E+08 -	0	0.16
ENSG0000(AC007249. lincRNA chr2	10452319	10455552 +	0	0

ENSG0000(POM121L4 transcribed chr22	20689929	20698938	+	0	0
ENSG0000(TXNP7 processed_chr6	74004520	74004812	-	0	0
ENSG0000(RP1-263J7 processed_chr6	86170447	86171018	-	0	0
ENSG0000(RP1-34B20 processed_chr6	26202156	26202654	+	0	0
ENSG0000(AC018865 processed_chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(UQCRFS1P processed_chr6	19638040	19638808	-	0	0
ENSG0000(OR2W2P unprocessed_chr6	28033947	28034855	+	0	0
ENSG0000(PRELID1P1 transcribed chr6	1.27E+08	1.27E+08	+	0.11	0
ENSG0000(RPS7P5 processed_chr1	2.4E+08	2.4E+08	+	0	0
ENSG0000(SSXP10 processed_chr6	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-304C processed_chr6	96672129	96672969	-	0	0
ENSG0000(RP11-33E2 processed_chr6	85731371	85732011	+	0	0
ENSG0000(TUBB4BP7 processed_chr6	1.53E+08	1.53E+08	+	0	0
ENSG0000(AK4P5 processed_chr6	80077729	80078362	-	0	0
ENSG0000(RP11-254A processed_chr6	19143695	19144160	+	0	0
ENSG0000(PSMC1P11 processed_chr6	4702463	4703779	+	0	0
ENSG0000(RPS4XP9 processed_chr6	1.27E+08	1.27E+08	+	0	0
ENSG0000(PRELID1P2 processed_chr6	25678769	25679164	-	0	0
ENSG0000(DDX18P3 processed_chr6	18363417	18365423	-	0	0
ENSG0000(ISCA1P1 processed_chr5	62776877	62777263	-	1.36	2.72
ENSG0000(SYCE3 protein_co chr22	50551112	50562905	-	0	0
ENSG0000(RP3-366N2 processed_chr6	1.67E+08	1.67E+08	+	0	0
ENSG0000(AC091801 lincRNA chr7	3140234	3174654	-	0.06	0
ENSG0000(RP11-184C processed_chr6	63193072	63193630	-	0	0
ENSG0000(HMGB1P1 processed_chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-135N processed_chr6	72522641	72523238	+	0	0
ENSG0000(RP11-474L transcribed chr6	75610958	75611945	-	0	0
ENSG0000(RP1-95L4.2 processed_chr6	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-477E processed_chr6	79067692	79068138	-	0	0
ENSG0000(RP3-495O1 processed_chr6	1.63E+08	1.63E+08	+	0	0
ENSG0000(RPS16P5 transcribed chr6	53336943	53337346	-	0	0
ENSG0000(IQCB2P processed_chr6	28010723	28012355	+	0	0
ENSG0000(CKLF protein_co chr16	66552563	66566251	+	28.48	27.23
ENSG0000(RP11-157L processed_chr6	1.63E+08	1.63E+08	-	0	0
ENSG0000(TDGF1P4 processed_chr6	3941282	3941801	+	0	0
ENSG0000(RP11-248G processed_chr13	52167709	52291557	-	0	0.29
ENSG0000(RP1-13D10 processed_chr6	16107622	16108593	+	0	0
ENSG0000(RP1-28C20 processed_chr6	1.45E+08	1.45E+08	-	0	0.1
ENSG0000(RP11-204C processed_chrX	41675760	41676494	-	0	0
ENSG0000(RP1-142O9 processed_chr6	49273600	49273794	+	0	0
ENSG0000(PTGES3P2 processed_chr2	25822469	25822950	+	0	0
ENSG0000(RP4-803A2 processed_chr1	32979947	32980472	+	0	0
ENSG0000(HIST1H2BP processed_chr6	27864062	27864401	-	0	0
ENSG0000(RP1-95L4.4 processed_chr6	1.43E+08	1.43E+08	+	0.58	0.46
ENSG0000(RP11-63K6 processed_chr6	89814709	89815463	+	0	0

ENSG0000(UBE2V1P1) processed_ chr6	75465123	75465570	+	0	0
ENSG0000(RPS3AP24) processed_ chr6	1.41E+08	1.41E+08	+	0	0
ENSG0000(NUS1P4) processed_ chr13	98610292	98610876	-	0	0
ENSG0000(RP11-287D) lincRNA chr2	74130583	74135395	+	0.07	0.07
ENSG0000(SERPINB8P) unprocessε chr6	3048835	3049211	+	0	0
ENSG0000(RPS10P3) processed_ chr9	88016300	88016793	+	0	0
ENSG0000(NDUFB4P4) processed_ chr2	25886964	25887206	-	0	0
ENSG0000(CCT7P1) processed_ chr6	1.5E+08	1.5E+08	+	0.07	0.04
ENSG0000(RP1-303A1) processed_ chr6	7938430	7939322	-	0	0
ENSG0000(NDUFAB1P) processed_ chr6	70734503	70734962	+	0	0
ENSG0000(RP11-76H1) processed_ chr6	86897118	86897421	+	0	0
ENSG0000(FEM1AP3) processed_ chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-156F) processed_ chr6	87070156	87070461	-	0	0
ENSG0000(LDHAL6FP) processed_ chr6	1.57E+08	1.57E+08	-	0	0.06
ENSG0000(RP3-508D1) processed_ chr6	79326568	79327207	-	0	0
ENSG0000(ASS1P9) processed_ chr5	53859166	53860401	+	0	0
ENSG0000(RP11-465B) transcribec chr1	1059734	1069355	+	0.9	0.87
ENSG0000(RP11-191A) processed_ chr6	25181359	25181745	+	0	0
ENSG0000(FAT1P1) processed_ chr20	10888582	10889088	-	0	0
ENSG0000(HNRNPDP2) processed_ chr6	64631205	64631682	-	0	0
ENSG0000(SNRPEP6) processed_ chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(AC099552) lincRNA chr7	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP6-159A1) processed_ chrX	65956289	65957196	-	0	0
ENSG0000(HIST1H4PS) processed_ chr6	27807075	27807339	+	0	0
ENSG0000(OR4F7P) unprocessε chr6	1.71E+08	1.71E+08	+	0	0
ENSG0000(RP11-534P) processed_ chr6	1.65E+08	1.65E+08	-	0	0
ENSG0000(KRT18P48) processed_ chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(ZNF839P1) processed_ chrY	18985175	18986398	+	0	0
ENSG0000(HSPE1P8) processed_ chr1	39304294	39304898	-	0	0
ENSG0000(CICP18) processed_ chr6	142272	145083	-	4.1	4.01
ENSG0000(PAM16) protein_co chr16	4331549	4355607	-	10.57	9.87
ENSG0000(NOC2LP2) processed_ chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(KRT19P1) processed_ chr6	71584721	71585906	+	0	0
ENSG0000(ZNF192P2) unprocessε chr6	28188050	28189432	+	0	0
ENSG0000(RP4-800J2) antisense chr20	57384160	57393062	-	0	0
ENSG0000(THAP12P5) transcribec chr6	11514192	11516466	+	0	0
ENSG0000(RP11-157J) processed_ chr6	1513698	1515289	-	0	0
ENSG0000(RP1-232L2) processed_ chr6	79354443	79354713	-	0	0
ENSG0000(RP3-407E4) unprocessε chr6	63440766	63443580	+	0	0
ENSG0000(RPL31P33) processed_ chr6	53368670	53369009	+	0	0
ENSG0000(ADAMTS7F) transcribec chr15	85255369	85330334	-	0.36	0.28
ENSG0000(RSL24D1P1) processed_ chr6	27780619	27781111	-	0	0
ENSG0000(RP1-13D10) processed_ chr6	16160926	16161411	+	0	0
ENSG0000(DNAJA1P4) processed_ chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP1-261G2) processed_ chr6	43705949	43706751	-	0	0

ENSG0000(KIRREL3-AS1 antisense)	chr11	1.27E+08	1.27E+08	+	0.08	0.08
ENSG0000(AP000567.unprocessed)	chr21	30526546	30526701	-	0	0
ENSG0000(ERHP2)	processed_chr6	54016479	54016777	-	0	0
ENSG0000(KRT18P22)	processed_chr6	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-427E)	processed_chr6	1.05E+08	1.05E+08	+	0	0
ENSG0000(AC016739)	processed_chr2	1.76E+08	1.76E+08	-	0	0
ENSG0000(SLC25A5P7)	processed_chr6	1.22E+08	1.22E+08	+	0	0
ENSG0000(KRT8P43)	processed_chr6	24598012	24599790	+	0	0
ENSG0000(RP11-325C)	processed_chr6	1.28E+08	1.28E+08	-	0	0
ENSG0000(POM121L1)	processed_chr6	57937458	57939015	+	0	0
ENSG0000(HLFP1)	processed_chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(RPS20P32)	processed_chr13	27017554	27017909	-	0	0
ENSG0000(RPS27AP11)	processed_chr6	1.14E+08	1.14E+08	+	0	0
ENSG0000(FTH1P26)	processed_chr6	1.34E+08	1.34E+08	-	0	0
ENSG0000(TATDN2P2)	processed_chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-889L)	processed_chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000(NEPNP)	unitary_psi_chr6	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP11-96J1)	processed_chr6	53378503	53378861	+	0	0
ENSG0000(RPS4XP7)	processed_chr6	13521266	13522045	+	0	0
ENSG0000(RP3-407E4)	unprocessed_chr6	63395007	63397106	-	0	0
ENSG0000(HIST1H2AP)	unprocessed_chr6	26233122	26233255	+	0	0
ENSG0000(MORF4L1P)	processed_chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(RP11-63K6)	processed_chr6	89876544	89876878	+	0	0
ENSG0000(CDC14C)	processed_chr7	48919765	48926013	+	0	0
ENSG0000(RP11-393I2)	processed_chr6	87173368	87174303	-	0	0
ENSG0000(TENM3)	protein_co_chr4	1.82E+08	1.83E+08	+	1.03	0.14
ENSG0000(RP4-724P1)	processed_chr6	49077712	49078051	-	0	0
ENSG0000(HNRNPA1P)	processed_chr6	27523076	27524339	+	0	0
ENSG0000(LYPLA1P3)	processed_chr6	71165076	71165770	+	0	0
ENSG0000(RPS3AP23)	transcribed_chr6	1.42E+08	1.42E+08	-	0	0
ENSG0000(LINC01644)	lincRNA_chr22	47461299	47487111	-	0	0
ENSG0000(RAET1K)	transcribed_chr6	1.5E+08	1.5E+08	-	0.03	0.04
ENSG0000(SUMO2P13)	processed_chr6	17582034	17582305	+	0	0
ENSG0000(SLC25A20P)	processed_chr6	52246460	52247362	+	0	0
ENSG0000(AC012078)	processed_chrY	3851224	3852869	-	0	0
ENSG0000(PP14571)	processed_chr2	2.4E+08	2.4E+08	-	0.07	0.07
ENSG0000(RP11-296E)	processed_chr6	80064286	80070199	-	0.02	0.03
ENSG0000(NDUFS5P1)	processed_chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-475C)	processed_chr6	1.53E+08	1.53E+08	-	0	0
ENSG0000(NIP7P3)	processed_chr6	1.16E+08	1.16E+08	-	0	0
ENSG0000(HNRNPA1P)	processed_chr17	20771058	20771427	-	0	0
ENSG0000(RPS27P15)	processed_chr6	73618346	73618597	+	0	0
ENSG0000(RP1-140K8)	processed_chr6	3913922	3914292	-	0.24	0.53
ENSG0000(ACTG1P18)	processed_chr6	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-108N)	processed_chr6	23102680	23103546	+	0	0

ENSG0000(RP11-554D)	processed_chr6	74610449	74610715	-	0	0
ENSG0000(FCF1P10)	processed_chr6	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP3-422G2)	processed_chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(H2AFZP3)	processed_chr13	99215372	99215758	-	0	0
ENSG0000(LINC00339)	lincRNA_chr1	22024531	22031225	+	10.85	12.48
ENSG0000(SPTLC1P2)	processed_chr6	23856698	23856818	-	0	0
ENSG0000(RP11-184C)	processed_chr6	63229087	63230110	-	0	0
ENSG0000(RP11-420A)	processed_chr6	38002832	38003313	-	0	0
ENSG0000(AP002530)	processed_chr6	1.02E+08	1.02E+08	+	0	0
ENSG0000(MIF-AS1)	antisense_chr22	23894426	23898930	-	0.55	0.6
ENSG0000(OR4K12P)	processed_chr21	13581044	13582004	-	0	0
ENSG0000(RP1-253B1)	processed_chr6	86729708	86730108	-	0	0
ENSG0000(RP11-12A2)	processed_chr6	1.39E+08	1.39E+08	+	0	0
ENSG0000(HNRNPA1P)	processed_chr6	5609227	5610195	-	0	0
ENSG0000(RP3-416J7)	unprocessε_chr6	167607	170631	-	0	0
ENSG0000(GAPDHP63)	processed_chr6	79953005	79954011	-	0.12	0
ENSG0000(RP4-791C1)	processed_chr7	54933699	54938184	+	0	0
ENSG0000(RP11-2J18)	processed_chr6	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP3-407E4)	processed_chr6	63392222	63392606	+	0	0
ENSG0000(RP3-395C1)	processed_chr6	1.57E+08	1.57E+08	-	0.22	0.37
ENSG0000(RPL7P28)	processed_chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(RPL5P20)	processed_chr6	19348181	19349076	+	0	0
ENSG0000(AC008060)	lincRNA_chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(BRD7P4)	processed_chr6	1.11E+08	1.11E+08	+	0	0
ENSG0000(AC010150)	processed_chr2	25856461	25856966	-	0	0
ENSG0000(RPL5P21)	processed_chr6	1.3E+08	1.3E+08	-	0	0
ENSG0000(HIST1H2AP)	transcribed_chr6	26272021	26272701	-	0	0
ENSG0000(ST13P16)	processed_chr6	87444395	87445175	-	0	0
ENSG0000(RP1-34L19)	processed_chr6	53206598	53208697	-	0	0.03
ENSG0000(RPL12P23)	processed_chr6	1.7E+08	1.7E+08	+	0	0
ENSG0000(B3GALNT2)	processed_chr6	1.3E+08	1.3E+08	+	0	0
ENSG0000(KRT18P44)	processed_chrX	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP3-453I5)	processed_chr6	90116700	90117105	-	0	0
ENSG0000(RP5-1046G)	processed_chr6	72316599	72317436	-	0	0
ENSG0000(CEBPZOS)	protein_co_chr2	37196488	37216193	+	11.9	13.31
ENSG0000(DBIP1)	processed_chr6	79436908	79437167	-	0	0
ENSG0000(RP3-340B1)	processed_chr6	35607628	35607934	+	0	0
ENSG0000(RPL18AP8)	processed_chr3	96619304	96619831	+	0	0
ENSG0000(RP3-472M)	processed_chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-207F)	processed_chr6	85868953	85869464	+	0	0
ENSG0000(FAM8A6P)	processed_chr6	1.35E+08	1.35E+08	-	0.11	0
ENSG0000(MTATP6P3)	processed_chr6	1.54E+08	1.54E+08	+	0	0
ENSG0000(HSPD1P16)	processed_chr6	1.53E+08	1.53E+08	+	0	0.48
ENSG0000(RP3-382I1)	processed_chr6	87441165	87442146	-	0	0
ENSG0000(GSTM2P1)	processed_chr6	1.11E+08	1.11E+08	-	0	0

ENSG0000(RP3-369A1 processed_ chr6	24750671	24751625	-	0	0
ENSG0000(RP1-229K2 unprocessε chr6	41269875	41270239	-	0	0
ENSG0000(RP11-59D5 processed_ chr6	63797189	63798031	+	0	0
ENSG0000(TDRD15 protein_co chr2	21123917	21143272	+	0	0
ENSG0000(PAPOLB protein_co chr7	4857733	4861994	-	0	0
ENSG0000(RP11-361F processed_ chr6	68598204	68598393	-	0	0
ENSG0000(FAM138C lincRNA chr9	34394	35871	-	0	0.06
ENSG0000(RP1-209B5 processed_ chr6	1.31E+08	1.31E+08	-	0	0
ENSG0000(CNN3P1 processed_ chr6	6534697	6535631	+	0	0
ENSG0000(SLC25A6P6 processed_ chr6	70663502	70664279	-	0	0
ENSG0000(RP11-249L processed_ chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(NUFIP1P processed_ chr6	66093431	66094909	-	0	0
ENSG0000(ZNF579 protein_co chr19	55576770	55580845	-	4.66	6.82
ENSG0000(SUMO2P12 processed_ chr6	12319453	12319592	+	0	0
ENSG0000(TUBB8P2 processed_ chr6	1.43E+08	1.43E+08	+	0	0
ENSG0000(PTMAP3 processed_ chr20	18011955	18012284	+	0	0
ENSG0000(NACAP7 processed_ chr6	89422099	89423048	-	0	0
ENSG0000(RP11-528A unprocessε chr6	18366736	18368644	-	0	0
ENSG0000(FTH1P15 processed_ chr6	57004520	57004799	+	0	0
ENSG0000(RP1-137F1 processed_ chr6	39353747	39354172	+	0	0
ENSG0000(CCNG1P1 processed_ chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(ARL4AP5 processed_ chr6	1.51E+08	1.51E+08	+	0.24	0
ENSG0000(RP3-340B1 processed_ chr6	35555873	35556264	+	0.22	0.24
ENSG0000(RPS3AP2 processed_ chr16	1477830	1478583	+	0	0
ENSG0000(AC005102. processed_ chr7	75835663	75836141	+	0	0
ENSG0000(TRIM51FP unprocessε chr11	49833140	49839320	-	0	0
ENSG0000(CELA3B protein_co chr1	21977021	21998642	+	0	0
ENSG0000(SOD1P1 processed_ chr6	53196720	53197159	-	0	0
ENSG0000(NPM1P37 processed_ chr6	69705287	69706160	-	0.14	0
ENSG0000(MTND4LP1 processed_ chr6	91727159	91727324	+	0	0
ENSG0000(RP3-359N1 processed_ chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(DHFRP6 processed_ chr6	56276529	56276796	-	0	0
ENSG0000(HNRNPA3F processed_ chr1	53974969	53976031	-	0.23	0
ENSG0000(RP11-203F processed_ chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(RPL23AP4ε processed_ chr6	1.22E+08	1.22E+08	-	0	0
ENSG0000(TYMSP1 processed_ chr6	96653274	96654142	+	0	0
ENSG0000(RPS4XP8 processed_ chr6	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-214N processed_ chr9	76549282	76549771	-	0	0
ENSG0000(RP11-569A processed_ chr6	1.11E+08	1.11E+08	-	0	0
ENSG0000(AC011298. lincRNA chr2	2.41E+08	2.41E+08	+	0	0
ENSG0000(HMGB1P2(processed_ chr6	53235621	53236297	-	0	0
ENSG0000(FTH1P19 unprocessε chrX	37492021	37492548	+	0	0
ENSG0000(CACYBPP3 processed_ chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP1-253B1 processed_ chr6	86768522	86768932	-	0	0
ENSG0000(RNASEK protein_co chr17	7012417	7014532	+	184.73	193.51

ENSG0000(RP11-181C processed_ chr1	77810861	77811781	-	0	0
ENSG0000(RPL12P47 processed_ chr6	43310231	43310357	+	0	0
ENSG0000(RP11-63K6 processed_ chr6	89886156	89887848	+	0	0
ENSG0000(AMZ2P2 processed_ chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RPS6P7 processed_ chr6	77496119	77496671	+	0	0
ENSG0000(NPM1P38 processed_ chr6	1E+08	1E+08	-	0	0
ENSG0000(OR2E1P unprocessε chr6	28455648	28456141	-	0	0
ENSG0000(RP1-217P2 processed_ chr6	38762905	38764694	+	0	0
ENSG0000(RPS20P2 processed_ chr16	1329078	1329777	+	0	0
ENSG0000(VN1R8P processed_ chr21	13476371	13477263	+	0	0
ENSG0000(RP11-151M unprocessε chr6	1.28E+08	1.28E+08	-	0	0
ENSG0000(PIP5K1P1 processed_ chr6	7986537	7988192	+	0	0
ENSG0000(MRPL42P3 processed_ chr6	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-472G processed_ chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-174C processed_ chr6	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP1-273P1 processed_ chr6	17381367	17382120	+	0	0
ENSG0000(RP11-397G processed_ chr6	1.11E+08	1.11E+08	+	0	0
ENSG0000(RPL31P52 processed_ chr12	1.2E+08	1.2E+08	-	0	0
ENSG0000(RPSAP72 processed_ chr6	80470071	80470428	-	0	0
ENSG0000(ZNF299P processed_ chr21	23090028	23091831	-	0	0
ENSG0000(RP11-69L1 processed_ chr6	7331286	7331676	-	0	0
ENSG0000(RP11-491H processed_ chr6	45158870	45159511	+	0	0
ENSG0000(ATF1P1 processed_ chr6	92887251	92888581	-	0	0
ENSG0000(AC019129. processed_ chr2	44065894	44066154	-	0	0
ENSG0000(ZNF602P unprocessε chr6	28115628	28116551	+	0	0
ENSG0000(HSPA8P15 processed_ chr6	1.51E+08	1.51E+08	-	0.08	0
ENSG0000(RP11-524C processed_ chr6	22213306	22214237	-	0	0
ENSG0000(RP11-106E processed_ chr6	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP4-761J1. antisense_ chr12	6663260	6672069	+	0.04	0
ENSG0000(MBL3P unprocessε chr10	79582298	79584877	-	0	0
ENSG0000(BTBD10P2 processed_ chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(TEX40 protein_co chr11	64300391	64304770	+	0.09	0
ENSG0000(FAM19A5 protein_co chr22	48489460	48850912	+	0.08	0.08
ENSG0000(RP11-3B12 lincRNA_ chr7	1.25E+08	1.25E+08	-	0	0
ENSG0000(RPL23P8 processed_ chr7	20827326	20827753	+	0	0
ENSG0000(RP4-810F7 processed_ chr6	23649496	23649774	+	0	0
ENSG0000(RPSAP42 processed_ chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP3-337H4 processed_ chr6	43538822	43539703	-	0.14	0
ENSG0000(NBPF1 protein_co chr1	16562319	16613562	-	16.33	18.72
ENSG0000(RP11-365H processed_ chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(TPT1P8 unprocessε chr8	36888482	36889307	+	0	0
ENSG0000(RP11-1396 unprocessε chr4	9384017	9388983	-	0	0
ENSG0000(RP11-15J2. processed_ chr6	86432244	86432669	+	0	0
ENSG0000(FTH1P8 processed_ chrX	1.48E+08	1.48E+08	+	0.32	1.44
ENSG0000(AP000580. processed_ chr11	77813319	77813676	-	1.11	1.7

ENSG0000(RP3-323K2 processed_ chr6	1.32E+08	1.32E+08 -	0	0
ENSG0000(UMAD1 protein_co chr7	7640711	7968020 +	6.31	6.01
ENSG0000(RPL17P25 processed_ chr6	80374015	80374569 -	0	0
ENSG0000(RP11-374I1 processed_ chr6	95630115	95632929 -	0	0
ENSG0000(RP1-281H8 processed_ chr6	1.49E+08	1.49E+08 -	0	0
ENSG0000(RP11-346C processed_ chr6	1.11E+08	1.11E+08 -	0	0
ENSG0000(ZNF259P1 transcribec chr6	1.09E+08	1.09E+08 -	0	0
ENSG0000(RP1-288M processed_ chr6	71550958	71551643 -	0	0
ENSG0000(HNRNPA1P processed_ chr6	24001824	24002433 +	0	0
ENSG0000(NCSTNP1 processed_ chr21	27492118	27492261 +	0	0
ENSG0000(RP11-132M processed_ chr6	84689292	84689429 -	0	0
ENSG0000(PPP1R3G protein_co chr6	5084581	5089487 +	0.82	0.9
ENSG0000(HIGD1AP1 processed_ chr20	35878476	35878733 +	0	0
ENSG0000(RP11-126M processed_ chr6	1.15E+08	1.15E+08 -	0	0
ENSG0000(RP11-291C processed_ chr6	1.51E+08	1.51E+08 -	0	0
ENSG0000(FAM228B protein_co chr2	24076526	24169640 +	7.91	8.76
ENSG0000(CYCSP17 processed_ chr6	95504182	95504496 +	0	0
ENSG0000(BMPR1APS processed_ chr6	1.29E+08	1.29E+08 -	0	0
ENSG0000(GCNT1P4 processed_ chr6	63857441	63857769 +	0	0
ENSG0000(CTD-2006C processed_ chr19	11987617	12046275 +	4.54	3.63
ENSG0000(RP11-174C processed_ chr6	1.3E+08	1.3E+08 -	0	0
ENSG0000(BECN1P2 processed_ chr6	71075564	71076375 +	0	0
ENSG0000(RP11-191A processed_ chr6	25218688	25219069 +	0	0
ENSG0000(RP3-425P1 processed_ chr6	25140003	25141403 +	0.05	0
ENSG0000(FGF7P8 unprocessε chr9	62888535	62889921 +	2.41	4.15
ENSG0000(RP11-325C unprocessε chr6	1.28E+08	1.28E+08 -	0	0
ENSG0000(PTCHD3P3 processed_ chr6	1.09E+08	1.09E+08 -	0	0
ENSG0000(RP5-991C6 processed_ chr6	81764211	81764503 +	0	0
ENSG0000(RAP1BP3 processed_ chr6	1.17E+08	1.17E+08 +	0	0
ENSG0000(RP11-532F processed_ chr6	669081	670307 -	0	0.05
ENSG0000(RPL26P20 processed_ chr6	75499705	75500136 +	0	0
ENSG0000(RP11-560C processed_ chr6	74849077	74850484 -	0	0
ENSG0000(CD83P1 processed_ chr6	27560822	27561744 -	0	0
ENSG0000(RP1-292B1 processed_ chr6	1.51E+08	1.51E+08 +	0.83	0.46
ENSG0000(RP1-199J3 processed_ chr6	99575712	99576456 +	2.1	1.54
ENSG0000(RP11-793L processed_ chr6	1.02E+08	1.02E+08 -	0	0
ENSG0000(RP1-249H1 processed_ chr6	1.14E+08	1.14E+08 +	0	0
ENSG0000(VN1R11P unitary_psι chr6	27083280	27084147 +	0	0
ENSG0000(RPSAP45 processed_ chr6	1.12E+08	1.12E+08 -	0	0
ENSG0000(RPL21P67 processed_ chr6	1.31E+08	1.31E+08 +	0	0
ENSG0000(RP1-172I2 processed_ chr6	1.21E+08	1.21E+08 -	0	0
ENSG0000(OSTCP6 processed_ chr6	56975606	56976062 -	0	0
ENSG0000(PPIAP9 processed_ chr6	31519480	31520291 -	0	0
ENSG0000(ATP5F1P6 processed_ chr6	1.4E+08	1.4E+08 -	0	0
ENSG0000(ARF1P1 processed_ chr7	94833904	94834447 +	0	0

ENSG0000(RPL23AP47 processed_ chr6	1.71E+08	1.71E+08 +	0	0
ENSG0000(RPL31P28 processed_ chr6	53354715	53355065 +	0	0
ENSG0000(RP11-40G1 processed_ chr6	91815843	91816428 -	0	0
ENSG0000(RP11-430A processed_ chrX	9179385	9179606 +	0	0
ENSG0000(GAPDHP42 processed_ chr6	69745871	69746851 +	0	0
ENSG0000(ZSCAN12P: transcribed chr6	28091154	28093664 +	0.39	0.04
ENSG0000(RPL35P3 processed_ chr6	1.05E+08	1.05E+08 -	0.24	0
ENSG0000(RP11-394A lincRNA chr13	63828840	63844125 -	0.85	0.55
ENSG0000(RP11-40C6 processed_ chr9	87525302	87525475 +	0	0
ENSG0000(GAPDHP67 processed_ chrX	1.36E+08	1.36E+08 +	0	0
ENSG0000(RPL12P8 processed_ chr10	67874332	67874911 +	0	0
ENSG0000(SPTLC1P3 processed_ chr6	63227485	63227743 +	0	0
ENSG0000(KRT18P50 processed_ chr6	95991107	95992349 +	0	0
ENSG0000(RP11-378G processed_ chr6	83392416	83393409 +	0.06	0
ENSG0000(BTF3P7 processed_ chr6	6794915	6795402 -	0	0.17
ENSG0000(RP11-420L processed_ chr6	3754099	3754840 +	0.55	0.81
ENSG0000(RP11-288G processed_ chr6	7506203	7506549 +	0	0
ENSG0000(LINGO3 protein_co chr19	2289784	2292024 -	0	0.03
ENSG0000(RP1-91N13 processed_ chr6	61240898	61241311 +	0	0
ENSG0000(RPL7P27 processed_ chr6	86086415	86087134 -	0	0
ENSG0000(RP1-207H1 processed_ chr6	38928031	38928153 +	0	0
ENSG0000(LAP3P1 processed_ chr6	82924829	82925122 -	0	0
ENSG0000(RP11-307I1 processed_ chr9	4781475	4782078 -	0	0
ENSG0000(RP1-6P5.2 processed_ chr6	1.29E+08	1.29E+08 -	0	0
ENSG0000(MTCYBP4 processed_ chr6	1.33E+08	1.33E+08 +	0	0
ENSG0000(MRPL32P1 processed_ chrX	48583093	48583339 -	0	0
ENSG0000(RP1-72A23 processed_ chr6	89001548	89001814 +	0	0
ENSG0000(RP4-570O1 processed_ chr6	88265158	88265511 +	0	0
ENSG0000(AF238380: processed_ chrX	49911620	49912362 -	0	0
ENSG0000(RP3-354N1 processed_ chr6	1.19E+08	1.19E+08 +	0	0
ENSG0000(RP11-46B1 processed_ chr6	79278105	79278427 -	0	0
ENSG0000(HNRNPA1P processed_ chr5	80359080	80360040 -	0	0.07
ENSG0000(LINC02076 lincRNA chr17	18411159	18414380 +	0	0.13
ENSG0000(RP11-486M processed_ chr6	1.55E+08	1.55E+08 +	0	0
ENSG0000(HMGB3P1: processed_ chr6	1.22E+08	1.22E+08 -	0	0
ENSG0000(ZGLP1 protein_co chr19	10304803	10309880 -	0.46	0.75
ENSG0000(RP1-53C18 processed_ chr11	34404663	34404949 -	0	0
ENSG0000(VAMP2 protein_co chr17	8159149	8163546 -	21.22	22.47
ENSG0000(OR4F1P unprocessed_ chr6	105919	106856 -	0	0
ENSG0000(RPS24P12 processed_ chr6	1.07E+08	1.07E+08 +	0	0
ENSG0000(RP11-76H1 unprocessed_ chr6	86897547	86897683 +	0	0
ENSG0000(ZNF402P processed_ chr22	16857619	16860718 -	0	0
ENSG0000(AC093802: lincRNA chr2	2.4E+08	2.4E+08 +	0	0.02
ENSG0000(ACTBP8 processed_ chr6	88275882	88276989 -	0	0
ENSG0000(RP3-455E7 unprocessed_ chr6	85155667	85167749 +	0	0

ENSG0000(HNRNPH1F processed_ chr6	1.6E+08	1.6E+08 -	0.25	0.11
ENSG0000(RPL35AP18 processed_ chr6	79964215	79964519 +	0	0
ENSG0000(HIST2H2BC processed_ chr1	1.5E+08	1.5E+08 +	1.6	0
ENSG0000(RP11-129H processed_ chr6	1.22E+08	1.22E+08 -	0	0
ENSG0000(MTCO1P56 processed_ chr6	91727282	91727505 -	0	0
ENSG0000(RP11-440K processed_ chr3	1.67E+08	1.67E+08 +	0	0
ENSG0000(RP11-230C processed_ chr6	1.57E+08	1.57E+08 +	0	0
ENSG0000(RP3-431A1 processed_ chr6	36737050	36737986 +	0.13	0
ENSG0000(RP3-399J4. processed_ chr6	94344737	94344962 +	25.99	46.7
ENSG0000(GSTA8P unprocessε chr6	52687930	52703825 -	0	0
ENSG0000(KRT8P42 processed_ chr6	1.34E+08	1.34E+08 -	0	0.05
ENSG0000(FCF1P5 processed_ chr6	1.11E+08	1.11E+08 +	0	0
ENSG0000(RP11-95M: processed_ chr6	1.38E+08	1.38E+08 -	0	0
ENSG0000(TUBB3P1 processed_ chr6	89301783	89303114 +	0	0
ENSG0000(RP3-520B1 processed_ chr6	5291030	5291388 -	0	0
ENSG0000(RP1-276J1: processed_ chr6	1.21E+08	1.21E+08 +	0	0
ENSG0000(RP11-69L1 processed_ chr6	7338839	7339568 -	0	0
ENSG0000(SLC25A51P processed_ chr6	65788417	65789287 +	0	0
ENSG0000(YAP1P1 processed_ chr6	1.47E+08	1.47E+08 +	0.17	0.27
ENSG0000(EIF4EBP2P: processed_ chr6	98179499	98179832 -	0	0
ENSG0000(RP3-415N1 processed_ chr6	1.11E+08	1.11E+08 -	0	0
ENSG0000(MTND4LP2 processed_ chr6	1.54E+08	1.54E+08 +	0	0
ENSG0000(PGAM1P1C processed_ chr6	73055097	73055857 +	0	0
ENSG0000(ASS1P1 processed_ chr6	25023247	25024483 -	0	0
ENSG0000(RP1-177A1 processed_ chr6	1.27E+08	1.27E+08 -	0	0
ENSG0000(RP3-492P1 processed_ chr6	82263996	82264974 -	0	0
ENSG0000(RP1-298M: processed_ chr20	17188134	17188344 +	0	0
ENSG0000(RP5-1170D processed_ chrX	1.14E+08	1.14E+08 +	0	0
ENSG0000(VIM2P processed_ chr6	1.27E+08	1.27E+08 -	0	0
ENSG0000(RPL5P19 processed_ chr6	92013842	92014734 +	0	0
ENSG0000(RP1-202I21 processed_ chr6	39039603	39039985 -	0	0
ENSG0000(HMGB1P1: processed_ chr6	1.33E+08	1.33E+08 -	0	0
ENSG0000(PKMP3 processed_ chr6	85659892	85660606 -	0.09	0.41
ENSG0000(HTR5A-AS1 antisense chr7	1.55E+08	1.55E+08 -	0	0
ENSG0000(VN1R12P unitary_ψ: chr6	27033435	27034310 -	0	0
ENSG0000(RPL35P2 processed_ chr6	34263311	34263673 -	0	0
ENSG0000(DDX18P6 processed_ chr10	91053051	91055047 +	0	0
ENSG0000(TUBBP9 processed_ chr6	39992815	40000233 +	0	0
ENSG0000(SSR1P1 processed_ chr6	1.5E+08	1.5E+08 -	0	0
ENSG0000(RP3-509I1: transcribed chr6	1.39E+08	1.39E+08 -	0	0
ENSG0000(RP11-480N processed_ chr6	43328134	43328476 +	0	0
ENSG0000(KRASP1 processed_ chr6	54770583	54771134 +	0	0
ENSG0000(RP3-391O2 processed_ chr6	34686602	34687106 +	0	0
ENSG0000(RP3-406A7 transcribed chr6	1.36E+08	1.36E+08 +	0.13	0.15
ENSG0000(RCC2P7 processed_ chr6	56431950	56433213 -	0	0

ENSG0000(RP11-530A processed_ chr6	5065795	5066982 -	0.05	0.05
ENSG0000(RP3-403A1 processed_ chr6	1.27E+08	1.27E+08 +	0	0
ENSG0000(RP1-121G1 processed_ chr6	1.01E+08	1.01E+08 +	0	0
ENSG0000(RP1-32I10. lincRNA chr22	44365551	44366284 +	0	0
ENSG0000(OR1F12 unprocessε chr6	28073316	28074233 +	0	0
ENSG0000(RP11-228C processed_ chr6	55680642	55681021 -	0	0
ENSG0000(RP11-474L processed_ chr6	75586122	75586461 +	0	0
ENSG0000(MTND3P2C processed_ chr6	1.54E+08	1.54E+08 +	0	0
ENSG0000(RP3-510O8 processed_ chr6	35765908	35766927 +	0	0
ENSG0000(RP11-277I2 processed_ chr6	1.45E+08	1.45E+08 -	0	0
ENSG0000(RPL5P18 processed_ chr6	1.27E+08	1.27E+08 +	0.14	0.15
ENSG0000(RP1-101K1 processed_ chr6	1.53E+08	1.53E+08 -	0	0
ENSG0000(RP1-59B16 processed_ chr6	23971879	23972941 +	0	0
ENSG0000(RPL21P28 processed_ chr1	2.12E+08	2.12E+08 -	0.57	0.41
ENSG0000(VN1R10P unprocessε chr6	27324894	27325768 +	0	0
ENSG0000(BOLA2P3 processed_ chr6	21602128	21602383 +	0	0
ENSG0000(RPSAP44 processed_ chr6	54624605	54625488 +	0	0
ENSG0000(MTMR9LP transcribec chr1	32231658	32241620 -	6.98	6.39
ENSG0000(RPL21P119 processed_ chr16	9156402	9156881 -	0	0
ENSG0000(LINC01881 transcribec chr2	2.42E+08	2.42E+08 +	5.05	4.37
ENSG0000(NDUFA5P9 processed_ chr6	86214237	86214576 -	0	0
ENSG0000(RPL21P16 processed_ chr10	1.2E+08	1.2E+08 -	571.54	561.9
ENSG0000(RPS18P9 processed_ chr6	1.5E+08	1.5E+08 +	3.57	2.99
ENSG0000(HSPE1P26 processed_ chr6	1.58E+08	1.58E+08 +	0	0
ENSG0000(MRPL35P1 processed_ chr6	13949095	13949666 +	0	0
ENSG0000(DNAJC19P(processed_ chr6	89797598	89797877 +	0	0
ENSG0000(HIST1H3PS processed_ chr6	26321876	26322292 -	0	0
ENSG0000(MESTP1 processed_ chr6	1.29E+08	1.29E+08 -	0	0
ENSG0000(LL22NC03- antisense chr22	22559343	22566602 +	0.02	0
ENSG0000(RP11-127B lincRNA chr6	92723003	92723829 -	0	0
ENSG0000(RP11-235G unprocessε chr6	1.61E+08	1.61E+08 +	0	0
ENSG0000(RP1-92C4.1 processed_ chr6	79854684	79855632 +	0	0
ENSG0000(RP3-525L6. unprocessε chr6	17953572	17953930 +	0	0
ENSG0000(OSTCP4 processed_ chr4	1.13E+08	1.13E+08 +	0	0
ENSG0000(IGBP1-AS2 antisense chrX	70148582	70149654 -	0	0
ENSG0000(HNRNPA1P processed_ chr9	4944670	4945902 -	0	0
ENSG0000(TRIM51GP unprocessε chr11	48975501	48981695 -	0	0
ENSG0000(CTC-499B1 unprocessε chr19	11756533	11759933 -	0	0
ENSG0000(RP1-72A23 processed_ chr6	89059628	89060109 +	0	0
ENSG0000(SNORA50 snoRNA chr5	69160806	69160939 +	0	0
ENSG0000(SNORD88C snoRNA chr19	50802328	50802418 -	0	0
ENSG0000(RNU6ATAC snRNA chr3	51611438	51611562 -	0	0
ENSG0000(MIR1323 miRNA chr19	53671968	53672040 +	0	0
ENSG0000(RNU6ATAC snRNA chr2	1.82E+08	1.82E+08 +	0	0
ENSG0000(MIR1250 miRNA chr17	81133196	81133308 -	0	0

ENSG00000101231	MIR1231	miRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG00000101232	CoTC_riboz	ribozyme	chr11	5224448	5224639	-	0	0
ENSG00000101272	MIR1272	miRNA	chr15	64762387	64762515	-	0	0
ENSG00000101193	MIR1193	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101600	RNU6ATAC	snRNA	chr17	31563768	31563894	-	0	0
ENSG00000101286	MIR1286	miRNA	chr22	20249134	20249211	-	0	0
ENSG00000101000	U3	snoRNA	chr1	1.16E+08	1.16E+08	+	0	0
ENSG00000101001	CPEB3_riboz	ribozyme	chr10	92204229	92204306	-	0	0
ENSG00000101002	U3	snoRNA	chr5	1.5E+08	1.5E+08	-	0	0
ENSG00000101003	U3	snoRNA	chr17	44025020	44025223	-	0	1
ENSG00000101601	RNU6ATAC	snRNA	chr20	45778698	45778823	+	0	0
ENSG00000101266	MIR1266	miRNA	chr15	52277117	52277200	-	0	0
ENSG00000101302-3	MIR1302-3	miRNA	chr2	1.14E+08	1.14E+08	-	0	0
ENSG00000101602	RNU6ATAC	snRNA	chr3	87910220	87910345	+	0	0
ENSG00000101004	SNORA11	snoRNA	chr14	69804203	69804331	-	0	0
ENSG00000101296	MIR1296	miRNA	chr10	63372957	63373048	-	0	0
ENSG00000101233-2	MIR1233-2	miRNA	chr15	34528290	34528371	-	0	0
ENSG00000101111	SNORD111	snoRNA	chr16	70538005	70538098	+	0	0
ENSG00000101320D2	MIR320D2	miRNA	chrX	1.41E+08	1.41E+08	-	0	0
ENSG00000101005	SNORA77	snoRNA	chr1	8511795	8511919	-	0	0
ENSG00000101302-5	MIR1302-5	miRNA	chr20	50614636	50614785	-	0	0
ENSG00000101006	SNORA3	snoRNA	chr8	56121242	56121352	-	0	0
ENSG00000101007	SNORA11B	snoRNA	chr14	91126425	91126553	+	0	0
ENSG00000101603	RNU6ATAC	snRNA	chr14	49684544	49684665	+	0	0
ENSG00000101110	SNORD110	snoRNA	chr20	2654212	2654286	+	0	0
ENSG00000101224	MIR1224	miRNA	chr3	1.84E+08	1.84E+08	+	0	0
ENSG00000101008	U3	snoRNA	chr19	49949316	49949527	-	0	0
ENSG00000101009	SNORD23	snoRNA	chr18	21450653	21450756	-	0	0
ENSG00000101000	SNORA3	snoRNA	chr12	84183324	84183448	-	0	0
ENSG00000101001	SNORA11	snoRNA	chr10	73126080	73126207	-	0	0
ENSG00000101207	MIR1207	miRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG00000101254-1	MIR1254-1	miRNA	chr10	68759318	68759414	+	0	0
ENSG00000101548M	MIR548M	miRNA	chrX	95063141	95063226	-	0	0
ENSG00000101184-2	MIR1184-2	miRNA	chrX	1.55E+08	1.55E+08	-	0	0
ENSG00000101253	MIR1253	miRNA	chr17	2748078	2748182	-	0	0
ENSG00000101262	MIR1262	miRNA	chr1	68183518	68183610	-	0	0
ENSG00000101604	RNU6ATAC	snRNA	chr3	1.11E+08	1.11E+08	-	0	0
ENSG00000101548E	MIR548E	miRNA	chr10	1.11E+08	1.11E+08	+	0	0
ENSG00000101605	RNU6ATAC	snRNA	chr1	28481362	28481480	+	0	0
ENSG00000101305	MIR1305	miRNA	chr4	1.82E+08	1.82E+08	+	0	0
ENSG00000101548L	MIR548L	miRNA	chr11	94466495	94466580	-	0	0
ENSG00000101285-2	MIR1285-2	miRNA	chr2	70252918	70253005	-	0	0
ENSG00000101258	MIR1258	miRNA	chr2	1.8E+08	1.8E+08	-	0	0
ENSG00000101008	SNORD88A	snoRNA	chr19	50799442	50799532	-	0	0
ENSG00000101009	SNORA11	snoRNA	chr4	1.2E+08	1.2E+08	+	0	0

ENSG000001263	miRNA	chr3	1.64E+08	1.64E+08	-	0	0
ENSG0000016ATAC	snRNA	chr2	7576841	7576971	+	0	0
ENSG000001208	miRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG000001548P	miRNA	chr5	1.01E+08	1.01E+08	-	0	0
ENSG000001284	miRNA	chr3	71541970	71542089	-	0	0
ENSG000001255A	miRNA	chr4	1.01E+08	1.01E+08	-	0	0
ENSG000001302-8	miRNA	chr9	97363554	97363681	-	0	0
ENSG000001237	miRNA	chr11	64368602	64368703	+	0	0
ENSG000001548I2	miRNA	chr4	9556168	9556316	-	0	0
ENSG000001289-2	miRNA	chr5	1.33E+08	1.33E+08	-	0	0
ENSG000001663B	miRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG000001548T	miRNA	chr4	1.73E+08	1.73E+08	+	0	0
ENSG000001NORD75	snoRNA	chr2	42440377	42440436	+	0	0
ENSG000001NORA79	snoRNA	chr14	81202695	81202834	-	0	0
ENSG000001548I3	miRNA	chr8	8088941	8089089	-	0	0
ENSG000001200	miRNA	chr7	36919357	36919432	-	0	0
ENSG000001548Q	miRNA	chr10	12725254	12725353	-	0	0
ENSG000001U3	snoRNA	chr6	75398860	75399067	-	0	0
ENSG000001548K	miRNA	chr11	70283955	70284070	+	0	0
ENSG0000016ATAC	snRNA	chr1	12569972	12570072	-	0	0
ENSG000001U3	snoRNA	chr6	71126893	71127105	-	0	0
ENSG000001548F5	miRNA	chrX	32641474	32641559	-	0	0
ENSG000001288	miRNA	chr17	16282014	16282088	+	0	0
ENSG0000016ATAC	snRNA	chr18	22130603	22130729	-	0	0
ENSG000001228	miRNA	chr12	57194504	57194576	+	0	0
ENSG000001548G	miRNA	chr4	1.47E+08	1.47E+08	-	0	0
ENSG000001265	miRNA	chr10	14436576	14436661	+	0	0
ENSG0000016ATAC	snRNA	chrX	1.4E+08	1.4E+08	+	0	0
ENSG000001NORD88B	snoRNA	chr19	50799032	50799122	-	0	0
ENSG0000016ATAC	snRNA	chr8	1.02E+08	1.02E+08	+	0	0
ENSG000001295A	miRNA	chr1	1.71E+08	1.71E+08	-	0	0
ENSG000001302-6	miRNA	chr7	18127220	18127309	-	0	0
ENSG000001229	miRNA	chr5	1.8E+08	1.8E+08	-	0	0
ENSG000001NORA11	snoRNA	chr21	34456110	34456237	-	0	0
ENSG000001U3	snoRNA	chr10	43417249	43417438	-	0	0
ENSG000001320B2	miRNA	chr1	2.24E+08	2.24E+08	-	0	0
ENSG000001238	miRNA	chr19	10552122	10552204	+	0	0
ENSG000001227	miRNA	chr19	2234062	2234149	-	0	0
ENSG000001NORA81	snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG000001283-1	miRNA	chr19	53688481	53688567	+	0	0
ENSG000001294	miRNA	chr5	1.54E+08	1.54E+08	+	0	0
ENSG000001548F3	miRNA	chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000014ATAC	snRNA	chr12	781133	781258	+	0	0
ENSG0000016ATAC	snRNA	chr4	88206427	88206552	-	0	0
ENSG000001548F4	miRNA	chr7	1.47E+08	1.47E+08	-	0	0

ENSG0000(MIR1301	miRNA	chr2	25328640	25328721	-	0	0
ENSG0000(U3	snoRNA	chr6	92790453	92790665	+	0	0
ENSG0000(MIR1202	miRNA	chr6	1.56E+08	1.56E+08	+	0	0
ENSG0000(SNORA11C	snoRNA	chrX	47388649	47388777	+	0	0
ENSG0000(U3	snoRNA	chr8	1.23E+08	1.23E+08	-	0	0
ENSG0000(MIR1277	miRNA	chrX	1.18E+08	1.18E+08	+	0	0
ENSG0000(MIR1271	miRNA	chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(MIR548AJ2	miRNA	chrX	38023895	38023986	-	0	0
ENSG0000(RNU6ATAC	snRNA	chr10	43341786	43341910	+	0	0
ENSG0000(SNORA11D	snoRNA	chrX	52190621	52190748	+	0	0
ENSG0000(MIR1827	miRNA	chr12	1E+08	1E+08	+	0	0
ENSG0000(MIR1251	miRNA	chr12	97491909	97491978	+	0	0
ENSG0000(SNORA2C	snoRNA	chr12	48654382	48654518	-	4.24	0
ENSG0000(MIR320C1	miRNA	chr18	21683510	21683597	+	0	0
ENSG0000(MIR548I4	miRNA	chrX	84225752	84225828	-	0	0
ENSG0000(U3	snoRNA	chr17	44303965	44304203	+	0	0
ENSG0000(SNORA77	snoRNA	chr2	1.83E+08	1.83E+08	-	0	0
ENSG0000(SNORD100	snoRNA	chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(MIR1245A	miRNA	chr2	1.89E+08	1.89E+08	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(MIR548O	miRNA	chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(SNORD111	snoRNA	chr16	70529509	70529588	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr3	52560570	52560707	+	0	0
ENSG0000(MIR1285-1	miRNA	chr7	92204015	92204098	-	0	0
ENSG0000(MIR1185-1	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(MIR1184-1	miRNA	chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(MIR548H1	miRNA	chr14	64095024	64095125	-	0	0
ENSG0000(SNORD99	snoRNA	chr1	28578749	28578822	-	0	0
ENSG0000(MIR1180	miRNA	chr17	19344506	19344574	-	0	0
ENSG0000(MIR1255B	miRNA	chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(MIR1283-2	miRNA	chr19	53758232	53758318	+	0	0
ENSG0000(MIR1303	miRNA	chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr5	1.3E+08	1.3E+08	+	0	0
ENSG0000(MIR1269A	miRNA	chr4	66276824	66276928	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr12	64939023	64939117	+	0	0
ENSG0000(RNU6ATAC	lincRNA	chr1	2.21E+08	2.21E+08	+	0	0
ENSG0000(RNU6ATAC	snRNA	chr11	10399192	10399317	-	0	0
ENSG0000(RNU6ATAC	snRNA	chr6	10222036	10222161	+	0	0
ENSG0000(MIR1226	miRNA	chr3	47849555	47849629	+	0	0
ENSG0000(MIR1261	miRNA	chr11	90869121	90869202	-	0	0
ENSG0000(MIR548F1	miRNA	chr10	54607874	54607957	-	0	0
ENSG0000(MIR1249	miRNA	chr22	45200954	45201019	-	0	0
ENSG0000(RNU4ATAC	snRNA	chr5	1.59E+08	1.59E+08	+	0	0
ENSG0000(MIR1184-3	miRNA	chrX	1.55E+08	1.55E+08	+	0	0

ENSG00000101293	MIR1293	miRNA	chr12	50234142	50234212	-	0	0
ENSG00000101288	SNORD88	snoRNA	chr12	12972053	12972143	+	0	0
ENSG00000101185-2	MIR1185-2	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000101548H4	MIR548H4	miRNA	chr8	27048853	27048963	-	0	0
ENSG00000101302-4	MIR1302-4	miRNA	chr2	2.07E+08	2.07E+08	-	0	0
ENSG00000101179	MIR1179	miRNA	chr15	88608107	88608197	+	0	0
ENSG0000010103	U3	snoRNA	chr3	1.09E+08	1.09E+08	-	0	0
ENSG00000101276	MIR1276	miRNA	chr15	85770496	85770578	-	0	0
ENSG0000010103	U3	snoRNA	chr2	75627950	75628168	+	0	0
ENSG0000010103	SNORA3	snoRNA	chr4	73263960	73264084	+	0	0
ENSG00000101268A	MIR1268A	miRNA	chr15	22225278	22225329	-	0	0
ENSG0000010103	SNORA77	snoRNA	chr1	2.04E+08	2.04E+08	+	0	0
ENSG00000101233-1	MIR1233-1	miRNA	chr15	34382069	34382150	-	0	0
ENSG00000101267	MIR1267	miRNA	chr13	1.08E+08	1.08E+08	-	0	0
ENSG00000101225	MIR1225	miRNA	chr16	2090195	2090284	-	0	0
ENSG00000101290	MIR1290	miRNA	chr1	18897071	18897148	-	0	0
ENSG00000101548N	MIR548N	miRNA	chr7	34940760	34940834	-	0	0
ENSG0000010103	U3	snoRNA	chr1	2.2E+08	2.2E+08	+	0	0
ENSG000001016ATAC	RNU6ATAC	snRNA	chr9	1.34E+08	1.34E+08	-	0	0
ENSG00000101278	MIR1278	miRNA	chr1	1.93E+08	1.93E+08	+	0	0
ENSG00000101275	MIR1275	miRNA	chr6	33999972	34000051	-	0	0
ENSG00000101548H3	MIR548H3	miRNA	chr17	13543529	13543646	-	0	0
ENSG00000101302E	MIR302E	miRNA	chr11	7234766	7234837	+	0	0
ENSG0000010103	SNORA11E	snoRNA	chrX	52063347	52063474	-	0	0
ENSG00000101298	MIR1298	miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000010103	SNORD75	snoRNA	chr4	77702746	77702803	-	0	0
ENSG0000010103	SNORA11	snoRNA	chrX	54814370	54814497	+	0	0
ENSG0000010103	SNORA3	snoRNA	chr16	2796408	2796532	-	0	0
ENSG000001016ATAC	RNU6ATAC	snRNA	chr16	70852698	70852814	+	0	0
ENSG00000101548I1	MIR548I1	miRNA	chr3	1.26E+08	1.26E+08	-	0	0
ENSG00000101203	MIR1203	miRNA	chr17	48156427	48156511	-	0	0
ENSG0000010103	SNORD93	snoRNA	chr7	22856613	22856686	+	0	0
ENSG00000101197	MIR1197	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010103	SNORA11	snoRNA	chrX	54927305	54927433	+	0	0
ENSG00000101273A	MIR1273A	miRNA	chr8	1E+08	1E+08	-	0	0
ENSG00000101260A	MIR1260A	miRNA	chr14	77266218	77266290	+	0	0
ENSG00000101548J	MIR548J	miRNA	chr22	26555212	26555323	-	0	0
ENSG00000101289-1	MIR1289-1	miRNA	chr20	35453954	35454097	-	0	0
ENSG00000101302-7	MIR1302-7	miRNA	chr8	1.42E+08	1.42E+08	-	0	0
ENSG00000101205	MIR1205	miRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG00000101548F2	MIR548F2	miRNA	chr2	2.12E+08	2.12E+08	-	0	0
ENSG00000101183	MIR1183	miRNA	chr7	21471058	21471146	+	0	0
ENSG00000101252	MIR1252	miRNA	chr12	79419257	79419321	+	0	0
ENSG00000101282	MIR1282	miRNA	chr15	43793659	43793759	-	0	35.05
ENSG00000101548H2	MIR548H2	miRNA	chr16	11306440	11306527	-	0	0

ENSG00000108223	SNORD23	snoRNA	chr19	47755853	47755962	+	0	0
ENSG00000108224	RNU6ATAC	snRNA	chr20	18611047	18611167	-	0	0
ENSG00000108225	MIR1256	miRNA	chr1	20988314	20988432	-	0	0
ENSG00000108226	OR6B1	protein_co	chr7	1.44E+08	1.44E+08	+	0	0
ENSG00000108227	PPP3CB-AS1	processed_co	chr10	73495525	73520070	+	2.46	2.41
ENSG00000108228	EBF2	protein_co	chr8	25841730	26045397	-	0.36	0.55
ENSG00000108229	GAS8-AS1	antisense	chr16	90028908	90029367	-	0	0
ENSG00000108230	C6orf226	protein_co	chr6	42890265	42890816	-	4.95	6.45
ENSG00000108231	PPP3R1	protein_co	chr2	68178857	68256237	-	20.52	16.34
ENSG00000108232	PSG3	protein_co	chr19	42721638	42740569	-	0.08	0.04
ENSG00000108233	FANCG	protein_co	chr9	35073835	35080016	-	5.04	7.02
ENSG00000108234	OR2A5	protein_co	chr7	1.44E+08	1.44E+08	+	0	0
ENSG00000108235	KRTAP10-9	protein_co	chr21	44627123	44628293	+	0	0
ENSG00000108236	AP4M1	protein_co	chr7	1E+08	1E+08	+	11.56	9.93
ENSG00000108237	OR4A5	protein_co	chr11	54706885	54707832	+	0	0
ENSG00000108238	C2orf16	protein_co	chr2	27537386	27582721	+	0	0
ENSG00000108239	DPP3P2	processed_co	chr9	73474378	73476073	-	0	0
ENSG00000108240	C7orf65	lincRNA	chr7	47655244	47661648	+	0	0.02
ENSG00000108241	AC018880.1	processed_co	chr2	1.04E+08	1.04E+08	+	0	0
ENSG00000108242	KRTAP1-5	protein_co	chr17	41026026	41027202	-	0	0.06
ENSG00000108243	TAS2R41	protein_co	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000108244	CTD-2527L1	processed_co	chr19	35138824	35151336	+	0	0
ENSG00000108245	OR2A12	protein_co	chr7	1.44E+08	1.44E+08	+	0	0
ENSG00000108246	KRTAP10-1	protein_co	chr21	44637356	44638455	+	0	0
ENSG00000108247	KRTAP12-2	protein_co	chr21	44666189	44666927	-	0	0
ENSG00000108248	PLXNA4	protein_co	chr7	1.32E+08	1.33E+08	-	3.75	3.88
ENSG00000108249	MAGEA3	protein_co	chrX	1.53E+08	1.53E+08	+	0	0
ENSG00000108250	CEBPD	protein_co	chr8	47736909	47739086	-	60.74	55.84
ENSG00000108251	TMEM257	protein_co	chrX	1.46E+08	1.46E+08	+	0	0
ENSG00000108252	ZNF816-ZN	protein_co	chr19	52928475	52962823	-	0.01	0.14
ENSG00000108253	PSG7	protein_co	chr19	42924132	42937178	-	0	0
ENSG00000108254	MRPS21P3	processed_co	chr1	1.97E+08	1.97E+08	+	0	0
ENSG00000108255	KRTAP1-3	protein_co	chr17	41033884	41034855	-	0	0
ENSG00000108256	OR3A2	protein_co	chr17	3277899	3278974	-	0	0
ENSG00000108257	ARIH2OS	protein_co	chr3	48917788	48919385	-	1.07	1.34
ENSG00000108258	ZBED8	protein_co	chr5	1.6E+08	1.6E+08	-	1.36	1.36
ENSG00000108259	HMSD	protein_co	chr18	63949301	63981774	+	0.47	0.06
ENSG00000108260	OR1C1	protein_co	chr1	2.48E+08	2.48E+08	-	0	0
ENSG00000108261	NPTXR	protein_co	chr22	38818452	38843982	-	0.61	0.79
ENSG00000108262	FAM218BP	processed_co	chr4	1.65E+08	1.65E+08	-	0	0
ENSG00000108263	POM121L1	protein_co	chr7	53035642	53036924	+	0	0
ENSG00000108264	FAM200A	protein_co	chr7	99546308	99558536	-	2.55	2.82
ENSG00000108265	OR2F2	protein_co	chr7	1.44E+08	1.44E+08	+	0	0
ENSG00000108266	PPP2R2A	protein_co	chr8	26291491	26372680	+	22	18.32
ENSG00000108267	C19orf73	protein_co	chr19	49118397	49119140	-	0.79	0.39

ENSG0000(ZNF880	protein_co chr19	52369917	52385795	+	11.49	10.81
ENSG0000(TRIM16	protein_co chr17	15627960	15684311	-	10.82	10.52
ENSG0000(FAM45BP	transcribec chrX	1.3E+08	1.3E+08	+	0.23	0.32
ENSG0000(OR6X1	protein_co chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(HEPN1	protein_co chr11	1.25E+08	1.25E+08	+	0	0
ENSG0000(OR2A25	protein_co chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(TAS2R40	protein_co chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(OR2A14	protein_co chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(TIGD1	protein_co chr2	2.33E+08	2.33E+08	-	2.25	1.99
ENSG0000(FXYD7	protein_co chr19	35143250	35154301	+	0	0
ENSG0000(XKR9	protein_co chr8	70669365	70790371	+	0.39	0.1
ENSG0000(LINC01465	lincRNA chr12	62601751	62603690	-	2.07	2.04
ENSG0000(C1orf229	lincRNA chr1	2.47E+08	2.47E+08	-	0.31	0.3
ENSG0000(OR4C12	protein_co chr11	49981473	49982535	-	0	0
ENSG0000(SLC12A8	protein_co chr3	1.25E+08	1.25E+08	-	10.4	9.08
ENSG0000(KIR2DS4	polymorph chr19	54832676	54848569	+	0	0
ENSG0000(PRR21	protein_co chr2	2.4E+08	2.4E+08	-	0	0
ENSG0000(TMEM14EF	transcribec chr3	1.52E+08	1.52E+08	-	0	0
ENSG0000(APOL6	protein_co chr22	35648395	35668409	+	5.05	5.77
ENSG0000(FADS3	protein_co chr11	61873519	61892051	-	46.18	45.38
ENSG0000(OR2A1	protein_co chr7	1.44E+08	1.44E+08	+	0.03	0
ENSG0000(TTC4P1	processed_chr7	45999621	46000778	-	0	0
ENSG0000(C3orf36	protein_co chr3	1.34E+08	1.34E+08	-	0	0
ENSG0000(OR4E2	protein_co chr14	21665083	21666024	+	0	0
ENSG0000(CCNL2	protein_co chr1	1385711	1399328	-	92.91	95.66
ENSG0000(UBA52	protein_co chr19	18571730	18577550	+	607.05	591.57
ENSG0000(MYBPHL	protein_co chr1	1.09E+08	1.09E+08	-	0.07	0
ENSG0000(PPT2	protein_co chr6	32153441	32163680	+	10	11.51
ENSG0000(OR2A2	protein_co chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(EXOC3-AS1	antisense chr5	441498	443160	-	2.01	2.68
ENSG0000(ZNF630	protein_co chrX	47983356	48071658	-	0.91	0.57
ENSG0000(TIAF1	protein_co chr17	29073521	29078857	-	0.47	0.59
ENSG0000(OR52B4	polymorph chr11	4367263	4368386	-	0	0
ENSG0000(AC092675.	antisense chr2	98331389	98356005	-	0	0
ENSG0000(AC106876.	processed_chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(C7orf71	lincRNA chr7	26637871	26647305	+	0	0
ENSG0000(LINC01118	lincRNA chr2	46816668	46822657	+	0.18	0.27
ENSG0000(AC064874.	antisense chr2	2.36E+08	2.36E+08	-	0	0
ENSG0000(BTBD19	protein_co chr1	44808482	44815585	+	14.44	15.38
ENSG0000(FAM185A	protein_co chr7	1.03E+08	1.03E+08	+	3	2.67
ENSG0000(AC005481.	antisense chr7	1.58E+08	1.58E+08	+	0.02	0
ENSG0000(RAB6C	protein_co chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(AC011997.	antisense chr2	1.98E+08	1.98E+08	+	0	0
ENSG0000(C21orf140	protein_co chr21	34400317	34401072	-	0	0
ENSG0000(URAHF	transcribec chr16	90039761	90047773	-	0.29	0.09

ENSG0000(AC062017. antisense	chr2	2.39E+08	2.39E+08	+	0.23	0.38
ENSG0000(AC112721. lincRNA	chr2	2.37E+08	2.37E+08	-	0	0.13
ENSG0000(AC004945. processed_	chr7	79353410	79354392	+	0	0
ENSG0000(PSMB11 protein_co	chr14	23042167	23044276	+	0.05	0
ENSG0000(LINC01793 lincRNA	chr2	59217708	59279400	+	0	0
ENSG0000(AC023469. lincRNA	chr2	1.51E+08	1.51E+08	-	0	0
ENSG0000(AC112721. lincRNA	chr2	2.37E+08	2.37E+08	-	0	0.15
ENSG0000(LINC01124 lincRNA	chr2	1.71E+08	1.71E+08	-	0	0
ENSG0000(AC079354. antisense	chr2	2.02E+08	2.02E+08	-	0.12	0.15
ENSG0000(POTEM protein_co	chr14	18967434	18999012	+	0	0
ENSG0000(IGLC6 IG_C_pseu	chr22	22919535	22919851	+	0	0
ENSG0000(POTEJ protein_co	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(CYTOR lincRNA	chr2	87455368	87606805	+	83.71	81.32
ENSG0000(AP000233. lincRNA	chr21	25169431	25333825	-	0.08	0
ENSG0000(AC079305. antisense	chr2	1.77E+08	1.77E+08	+	0.3	0.17
ENSG0000(RP5-1039K antisense	chr22	38032165	38034228	-	0	0
ENSG0000(DCDC2B protein_co	chr1	32209094	32216196	+	0	0
ENSG0000(C10orf55 protein_co	chr10	73909969	73922777	-	0.02	0.05
ENSG0000(RNU6-1165 snRNA	chr10	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNA5SP17 rRNA	chr5	9760907	9761013	+	0	0
ENSG0000(RNU4-62P snRNA	chr3	1.22E+08	1.22E+08	-	0	0
ENSG0000(RNU4-86P snRNA	chr11	1.26E+08	1.26E+08	-	0	0
ENSG0000(RN7SKP15 misc_RNA	chr2	1.33E+08	1.33E+08	-	0	0
ENSG0000(RN7SKP28 misc_RNA	chr1	1.04E+08	1.04E+08	+	0	0
ENSG0000(MIR1915 miRNA	chr10	21496562	21496641	-	0	0
ENSG0000(Y_RNA misc_RNA	chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNU2-3P snRNA	chr15	95745804	95745994	+	0	0
ENSG0000(RN7SKP11 misc_RNA	chr6	90001222	90001506	-	0	0
ENSG0000(RNU6-721F snRNA	chr18	15320840	15320944	-	0	0
ENSG0000(RNU6-908F snRNA	chr10	29711915	29712008	+	0	0
ENSG0000(RNU2-65P snRNA	chr15	72045183	72045367	+	0	0
ENSG0000(SNORD113 snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RN7SKP32 misc_RNA	chr8	47068021	47068323	-	0	0
ENSG0000(RN7SKP23 misc_RNA	chr5	1.52E+08	1.52E+08	-	0	0
ENSG0000(RN7SKP11 misc_RNA	chr5	1.25E+08	1.25E+08	-	0	0
ENSG0000(RNA5SP31 rRNA	chr10	49979665	49979780	-	0	0
ENSG0000(RN7SKP14 misc_RNA	chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(RN7SKP16 misc_RNA	chr1	33336566	33336864	-	0.72	0
ENSG0000(RNU6-985F snRNA	chrX	1.38E+08	1.38E+08	-	0	0
ENSG0000(RNA5SP48 rRNA	chr20	56205052	56205173	-	0	0
ENSG0000(RNU6-648F snRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(RNA5SP39 rRNA	chr15	25738508	25738620	+	0	0
ENSG0000(RNU2-9P snRNA	chr2	1.49E+08	1.49E+08	-	0	0
ENSG0000(RNA5SP36 rRNA	chr13	94651397	94651529	-	0	0
ENSG0000(RNU6-380F snRNA	chr15	80663772	80663878	+	0	0

ENSG0000(SNORA73)	snoRNA	chr6	88714242	88714430	-	0	0
ENSG0000(RNU4-37P)	snRNA	chr8	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNY4P30)	misc_RNA	chr13	49889634	49889728	-	0	0
ENSG0000(RNA5SP23)	rRNA	chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(RN7SKP21)	misc_RNA	chr7	53490148	53490439	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(RN7SKP15)	misc_RNA	chr11	13353208	13353523	+	0	0
ENSG0000(RN7SKP26)	misc_RNA	chr7	18807993	18808279	-	0	0
ENSG0000(RNU6-257F)	snRNA	chr16	48731704	48731801	-	0	0
ENSG0000(RN7SKP14)	misc_RNA	chr18	586517	586850	-	0	0
ENSG0000(RNU4-30P)	snRNA	chr16	68329387	68329529	-	0	0
ENSG0000(RNA5SP18)	rRNA	chr5	36485343	36485440	+	0	0
ENSG0000(RN7SKP26)	misc_RNA	chr18	45989653	45989945	-	0	0
ENSG0000(RNA5SP15)	rRNA	chr4	11414051	11414160	-	0	0
ENSG0000(SNORD113)	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU4-26P)	snRNA	chr9	20418321	20418427	+	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	57126655	57126762	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	27223319	27223427	-	0	0
ENSG0000(RNA5SP40)	rRNA	chr16	35734639	35734748	+	0	0
ENSG0000(RNA5SP12)	rRNA	chr3	37341649	37341766	+	0	0
ENSG0000(RNA5SP56)	rRNA	chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(RN7SKP65)	misc_RNA	chr12	57977965	57978277	-	0	0
ENSG0000(RNU6-588F)	snRNA	chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(RN7SKP12)	misc_RNA	chr7	94801514	94801812	+	0	0
ENSG0000(RNU2-17P)	snRNA	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	28927243	28927340	-	0	0
ENSG0000(RNU6-447F)	snRNA	chr11	152999	153102	-	0	0
ENSG0000(RNA5SP15)	rRNA	chr4	38758791	38758892	-	0	0
ENSG0000(RNU2-54P)	snRNA	chr8	76265543	76265732	-	0	0
ENSG0000(RNA5SP89)	rRNA	chr2	28683976	28684083	+	0	0
ENSG0000(RNA5SP16)	rRNA	chr4	71759518	71759616	-	0	0
ENSG0000(RNU2-43P)	snRNA	chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(RN7SKP15)	misc_RNA	chr1	1.88E+08	1.88E+08	-	0	0
ENSG0000(RNA5SP43)	rRNA	chr16	79264454	79264573	+	0	0
ENSG0000(MIR1471)	miRNA	chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(RNA5SP20)	rRNA	chr6	3088686	3088809	-	0	0
ENSG0000(RNU6-262F)	snRNA	chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNA5SP95)	rRNA	chr2	60998752	60998888	+	0	0
ENSG0000(RNU6-101F)	snRNA	chr12	1.02E+08	1.02E+08	-	0	0
ENSG0000(RN7SKP19)	misc_RNA	chr4	45995119	45995423	+	0	0
ENSG0000(RN7SKP11)	misc_RNA	chr9	34049966	34050244	+	0	0
ENSG0000(RNU6-757F)	snRNA	chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(RNU6-892F)	snRNA	chr8	20229779	20229877	+	0	0
ENSG0000(RNA5SP42)	rRNA	chr16	47505432	47505543	+	0	0
ENSG0000(RNU2-33P)	snRNA	chr14	96384624	96384815	+	0	0

ENSG0000(RN7SKP11: misc_RNA	chr20	11818821	11819091	-	0	0
ENSG0000(RNU6-584F snRNA	chr1	37885023	37885117	+	0	0
ENSG0000(RNA5SP19: rRNA	chr5	1.37E+08	1.37E+08	-	0	0
ENSG0000(RNU6-104: snRNA	chr16	30701337	30701435	-	0	0
ENSG0000(RNU2-36P snRNA	chr9	86422938	86423128	-	0	0
ENSG0000(RNU6-115: snRNA	chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(RNU2-21P snRNA	chr2	1.59E+08	1.59E+08	-	0	0
ENSG0000(RNA5SP37: rRNA	chr12	1.07E+08	1.07E+08	-	0	0
ENSG0000(RNU6-935F snRNA	chrX	50649641	50649740	+	0	0
ENSG0000(Y_RNA misc_RNA	chr10	90880040	90880179	-	0	0
ENSG0000(RNA5SP19: rRNA	chr5	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNA5SP17: rRNA	chr5	16033229	16033356	-	0	0
ENSG0000(RN7SKP26: misc_RNA	chrX	1.49E+08	1.49E+08	-	0	0
ENSG0000(RNU6-111: snRNA	chr10	38423625	38423728	+	0	0
ENSG0000(RNA5SP11: rRNA	chr2	2.1E+08	2.1E+08	-	0	0
ENSG0000(RNU6-105: snRNA	chr18	31937533	31937639	+	0	0
ENSG0000(MIR1912 miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(RNU6-855F snRNA	chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU2-2P snRNA	chr11	62841619	62841809	-	0	0
ENSG0000(RNU6-107: snRNA	chr19	223158	223261	-	0	0
ENSG0000(Y_RNA misc_RNA	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RN7SKP22: misc_RNA	chr9	99284022	99284373	+	0	0
ENSG0000(RNU6-174F snRNA	chr12	3726222	3726327	-	0	0
ENSG0000(RN7SKP13: misc_RNA	chr15	47272597	47272889	+	0	0
ENSG0000(RNU6-613F snRNA	chr2	2.3E+08	2.3E+08	+	0	0
ENSG0000(SNORD19 snoRNA	chr3	52691378	52691453	+	0	0
ENSG0000(RNA5SP23: rRNA	chr7	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNY1P15 misc_RNA	chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(RN7SKP22: misc_RNA	chr22	21545344	21545644	-	0.09	0
ENSG0000(RNU2-29P snRNA	chr7	53776136	53776324	+	0	0
ENSG0000(RNU6-710F snRNA	chr9	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNU2-20P snRNA	chr3	1.68E+08	1.68E+08	+	0	0
ENSG0000(RNU6-355F snRNA	chr16	90144592	90144695	+	0	0
ENSG0000(RNU6-118: snRNA	chr15	98074667	98074763	-	0	0
ENSG0000(RNU4-34P snRNA	chr17	29388560	29388683	+	0	0
ENSG0000(SNORD12B snoRNA	chr20	49280319	49280409	+	0	0
ENSG0000(SNORA36B snoRNA	chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000(RN7SKP20: misc_RNA	chr10	68158079	68158408	+	0	0
ENSG0000(RN7SKP12: misc_RNA	chr16	29731051	29731404	-	0	0
ENSG0000(RN7SKP15: misc_RNA	chr2	1.66E+08	1.66E+08	-	0	0
ENSG0000(RNA5SP44 rRNA	chr1	39154164	39154296	-	0	0
ENSG0000(RNA5SP20: rRNA	chr6	10752791	10752926	-	0	0
ENSG0000(RN7SKP15: misc_RNA	chr11	28261194	28261519	-	0	0
ENSG0000(RN7SKP86 misc_RNA	chr7	1.03E+08	1.03E+08	-	0	0
ENSG0000(RNU2-28P snRNA	chr3	81509476	81509664	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr2	1.38E+08	1.38E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr18	32263135	32263234	-	0	0
ENSG0000(RN7SKP22	misc_RNA	chr1	1.82E+08	1.82E+08	-	0	0
ENSG0000(RNU6-554F	snRNA	chr15	43602543	43602648	+	0	0
ENSG0000(RNU6-791F	snRNA	chr1	2.23E+08	2.23E+08	-	0	0
ENSG0000(RN7SKP28	misc_RNA	chr2	1.57E+08	1.57E+08	-	0	0
ENSG0000(RNU4-65P	snRNA	chr12	70443784	70443923	-	0	0
ENSG0000(RNA5SP80	rRNA	chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	31756042	31756136	-	0	0
ENSG0000(RN7SKP12	misc_RNA	chr9	1.17E+08	1.17E+08	+	0	0
ENSG0000(RNU2-59P	snRNA	chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNA5SP27	rRNA	chr8	93441277	93441384	+	0	0
ENSG0000(RNA5SP11	rRNA	chr2	1.82E+08	1.82E+08	+	0	0
ENSG0000(RNA5SP51	rRNA	chrX	1.04E+08	1.04E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU2-50P	snRNA	chr9	34282528	34282670	-	0	0
ENSG0000(RNA5SP33	rRNA	chr11	22688351	22688435	+	0	0
ENSG0000(RNA5SP23	rRNA	chr7	68723911	68724048	-	0	0
ENSG0000(RNU6-955F	snRNA	chr17	4619749	4619852	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNU6-141F	snRNA	chr6	20452369	20452473	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	77895880	77895992	+	0	0
ENSG0000(RN7SKP27	misc_RNA	chr10	1.09E+08	1.09E+08	-	0	0
ENSG0000(RNU6-107	snRNA	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNU6-994F	snRNA	chr20	63337339	63337449	+	0	0
ENSG0000(RNU2-26P	snRNA	chrX	91798093	91798283	+	0	0
ENSG0000(RN7SKP56	misc_RNA	chr6	1.26E+08	1.26E+08	+	0	0
ENSG0000(RN7SKP15	misc_RNA	chr5	1.8E+08	1.8E+08	+	0	0
ENSG0000(RNU6-114	snRNA	chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(RN7SKP14	misc_RNA	chr10	90163651	90163960	-	0	0
ENSG0000(RN7SKP59	misc_RNA	chr9	78165465	78165778	+	0	0
ENSG0000(RNA5SP29	rRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU6-121F	snRNA	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(RNA5SP29	rRNA	chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(RN7SKP27	misc_RNA	chr20	35643143	35643462	+	0	0
ENSG0000(RNU2-5P	snRNA	chr9	70188571	70188750	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	1.22E+08	1.22E+08	-	0	0
ENSG0000(RNA5SP26	rRNA	chr8	31598099	31598204	-	0	0
ENSG0000(RN7SKP7	misc_RNA	chr13	96949249	96949533	-	0	0
ENSG0000(RNU2-23P	snRNA	chr11	65147584	65147778	+	0	0
ENSG0000(RNU6-77P	snRNA	chr13	81265747	81265837	+	0	0
ENSG0000(RNU6-285F	snRNA	chr8	73018945	73019044	-	0	0
ENSG0000(SNORA79	snoRNA	chr14	20323179	20323326	-	0	0
ENSG0000(RNU6-712F	snRNA	chr3	90184634	90184733	+	0	0
ENSG0000(RN7SKP20	misc_RNA	chr2	2.06E+08	2.06E+08	+	0	0

ENSG0000(RN7SKP17: misc_RNA	chr3	1.57E+08	1.57E+08	+	0	0
ENSG0000(RNA5SP47: rRNA	chr20	15280764	15280873	-	0	0
ENSG0000(RNU4-25P snRNA	chr8	1.28E+08	1.28E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr10	1.04E+08	1.04E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr3	1.71E+08	1.71E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr2	1.71E+08	1.71E+08	+	0	0
ENSG0000(Y_RNA misc_RNA	chr1	8796571	8796673	-	0	0
ENSG0000(RN7SKP22: misc_RNA	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(RN7SKP24: misc_RNA	chr6	22085544	22085918	+	0	0
ENSG0000(RNA5SP45: rRNA	chr18	21928985	21929094	-	0	0
ENSG0000(RNU6-519F snRNA	chr8	47979414	47979521	+	0	0
ENSG0000(RN7SKP10: misc_RNA	chr19	55737285	55737600	+	0	0
ENSG0000(Y_RNA misc_RNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(MIR1468 miRNA	chrX	63786002	63786087	-	0	0
ENSG0000(RNU6-705F snRNA	chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RNU2-39P snRNA	chr2	72721806	72722003	+	0	0
ENSG0000(RN7SKP22: misc_RNA	chr10	25393557	25393844	-	0	0
ENSG0000(RNU6-735F snRNA	chr12	95438737	95438843	-	0	0
ENSG0000(RNA5SP25: rRNA	chr8	3700492	3700628	+	0	0
ENSG0000(RNA5SP60 rRNA	chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(RNU6-1064 snRNA	chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(RNU4-43P snRNA	chr5	26012889	26013025	+	0	0
ENSG0000(RNU6-1025 snRNA	chr11	948421	948524	+	0	0
ENSG0000(RN7SKP61 misc_RNA	chr3	78161698	78161992	+	0	0
ENSG0000(RNA5SP34: rRNA	chr11	95840017	95840124	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	1.05E+08	1.05E+08	+	0	0
ENSG0000(RNU2-47P snRNA	chr9	12300266	12300451	-	0	0
ENSG0000(RNU2-66P snRNA	chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(RN7SKP22: misc_RNA	chr3	1.92E+08	1.92E+08	+	0	0
ENSG0000(RNA5SP49: rRNA	chr22	25715041	25715169	-	0	0
ENSG0000(SNORA19 snoRNA	chr10	1.19E+08	1.19E+08	-	0	0
ENSG0000(RN7SKP15: misc_RNA	chr8	5910945	5911236	-	0	0
ENSG0000(RNU6-887F snRNA	chr4	39399149	39399248	+	0	0
ENSG0000(RN7SKP23: misc_RNA	chr4	1.45E+08	1.45E+08	+	0	0
ENSG0000(RNU2-49P snRNA	chr5	1.16E+08	1.16E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(SNORA7 snoRNA	chr14	74711936	74712045	+	0	0
ENSG0000(RNU6-628F snRNA	chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(RNA5SP50: rRNA	chrX	52665231	52665347	+	0	0
ENSG0000(RNU4-69P snRNA	chr5	1.21E+08	1.21E+08	-	0	0
ENSG0000(RNU6-402F snRNA	chr5	98889731	98889833	+	0	0
ENSG0000(RNU2-52P snRNA	chr20	41024205	41024394	+	0	0
ENSG0000(Y_RNA misc_RNA	chr4	1.41E+08	1.41E+08	-	0	0
ENSG0000(Y_RNA misc_RNA	chr19	46736312	46736419	+	0	0
ENSG0000(RN7SKP27 misc_RNA	chr2	22861552	22861884	+	0	0

ENSG000001RN7SKP25	misc_RNA	chr15	96486582	96486891	+	0	0
ENSG000001RNU6-110	snRNA	chr1	157784	157887	-	0	0
ENSG000001RNU2-15P	snRNA	chr1	65415816	65416006	+	0	0
ENSG000001RNU2-48P	snRNA	chr5	1.58E+08	1.58E+08	-	0	0
ENSG000001RNU2-37P	snRNA	chr3	1.28E+08	1.28E+08	-	0	0
ENSG000001RNU2-42P	snRNA	chr10	1.26E+08	1.26E+08	-	0	0
ENSG000001RN7SKP13	misc_RNA	chr22	18605802	18606102	-	0.09	0
ENSG000001RNU6-120	snRNA	chr12	48081319	48081428	+	0	0
ENSG000001RN7SKP54	misc_RNA	chr7	1.01E+08	1.01E+08	+	0	0
ENSG000001RNU2-51P	snRNA	chr14	70360892	70361088	+	0	0
ENSG000001RNU2-16P	snRNA	chr4	75829454	75829589	-	0	0
ENSG000001Y_RNA	misc_RNA	chr6	1.19E+08	1.19E+08	+	0	0
ENSG000001RNU2-70P	snRNA	chr1	2.36E+08	2.36E+08	+	0	0
ENSG000001RNU6-248	snRNA	chr6	76092834	76092940	+	0	0
ENSG000001Y_RNA	misc_RNA	chr9	12885321	12885417	+	0	0
ENSG000001RNU2-8P	snRNA	chr6	1.22E+08	1.22E+08	-	0	0
ENSG000001RNU4-55P	snRNA	chr11	1.06E+08	1.06E+08	+	0	0
ENSG000001RN7SKP12	misc_RNA	chr1	93026252	93026542	+	0	0
ENSG000001U3	snoRNA	chr10	28408039	28408251	-	0	0
ENSG000001RNU6-394	snRNA	chrX	66676258	66676364	-	0	0
ENSG000001RNA5SP14	rRNA	chr3	1.57E+08	1.57E+08	-	0	0
ENSG000001RN7SKP21	misc_RNA	chr2	2.2E+08	2.2E+08	-	0	0
ENSG000001RNU6-126	snRNA	chr17	30288071	30288177	-	0	0
ENSG000001RNA5SP38	rRNA	chr13	1.06E+08	1.06E+08	-	0	0
ENSG000001RN7SKP11	misc_RNA	chr2	47359505	47359777	-	0	0
ENSG000001RNU4-72P	snRNA	chr6	85751581	85751753	+	0	0
ENSG000001RNU6-733	snRNA	chr4	1.08E+08	1.08E+08	-	0	0
ENSG000001RN7SKP12	misc_RNA	chr9	25088811	25089151	-	0	0
ENSG000001Y_RNA	misc_RNA	chr22	41045497	41045591	+	0	0
ENSG000001Y_RNA	misc_RNA	chr16	30471587	30471703	+	0	0
ENSG000001RN7SKP18	misc_RNA	chr18	39016047	39016344	-	0	0
ENSG000001RN7SKP39	misc_RNA	chr10	28442575	28442896	-	0	0
ENSG000001RN7SKP89	misc_RNA	chr5	1.14E+08	1.14E+08	+	0	0
ENSG000001RN7SKP51	misc_RNA	chr6	1.17E+08	1.17E+08	+	0	0
ENSG000001RN7SKP38	misc_RNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG000001MIR1911	miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG000001RN7SKP18	misc_RNA	chr4	1.68E+08	1.68E+08	+	0	0
ENSG000001RNU2-63P	snRNA	chr2	88016354	88016547	-	0	0
ENSG000001RNU2-7P	snRNA	chr13	20612161	20612338	+	0	0
ENSG000001RNU4-64P	snRNA	chr4	1.86E+08	1.86E+08	-	0	0
ENSG000001RNY4P29	misc_RNA	chr13	58527655	58527751	-	0	0
ENSG000001RNU4-6P	snRNA	chrX	16875146	16875267	-	0	0
ENSG000001RNA5SP32	rRNA	chr10	1.26E+08	1.26E+08	-	0	0
ENSG000001RNA5SP22	rRNA	chr7	33177740	33177838	+	0	0
ENSG000001RNU6-119	snRNA	chr5	37619985	37620088	-	0	0

ENSG000001RN7SKP16	misc_RNA	chr12	66292683	66292987	+	0	0
ENSG000001RNA5SP25	rRNA	chr13	21369790	21369899	-	0	0
ENSG000001RNU4-46P	snRNA	chr16	19498610	19498747	+	0	0
ENSG000001RN7SKP20	misc_RNA	chr8	1.29E+08	1.29E+08	+	0	0
ENSG000001RNU4-53P	snRNA	chr9	36267783	36267922	+	0	0
ENSG000001RNU6-684F	snRNA	chr14	1.04E+08	1.04E+08	-	0	0
ENSG000001RN7SKP10	misc_RNA	chr6	1.41E+08	1.41E+08	-	0	0
ENSG000001RNU2-40P	snRNA	chr4	65807240	65807435	-	0	0
ENSG000001Y_RNA	misc_RNA	chr16	47313027	47313121	-	0	0
ENSG000001RN7SKP12	misc_RNA	chr11	1.27E+08	1.27E+08	-	0	0
ENSG000001RNU6-233F	snRNA	chr17	39546104	39546244	-	0	0
ENSG000001RNA5SP14	rRNA	chr3	1.44E+08	1.44E+08	-	0	0
ENSG000001RN7SKP21	misc_RNA	chr3	1.31E+08	1.31E+08	-	0	0
ENSG000001RN7SKP91	misc_RNA	chr1	30843823	30844110	+	0	0
ENSG000001RNU2-38P	snRNA	chr1	1.49E+08	1.49E+08	-	0	0
ENSG000001RNU4-14P	snRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG000001RNU6-67P	snRNA	chr13	83298071	83298167	-	0	0
ENSG000001RNU6-860F	snRNA	chr3	1.98E+08	1.98E+08	+	0	0
ENSG000001RNU4-83P	snRNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG000001RNU6-383F	snRNA	chrX	1.51E+08	1.51E+08	-	0	0
ENSG000001RNU2-62P	snRNA	chr6	27109790	27109980	-	0	0
ENSG000001RNA5SP22	rRNA	chr6	1.53E+08	1.53E+08	+	0	0
ENSG000001RNU4-47P	snRNA	chr17	77152561	77152674	-	0	0
ENSG000001RNU2-68P	snRNA	chrX	72376979	72377169	-	0	0
ENSG000001RNU4-27P	snRNA	chr1	36402721	36402859	-	0	0
ENSG000001RN7SKP28	misc_RNA	chr2	1.39E+08	1.39E+08	-	0	0
ENSG000001MIR1537	miRNA	chr1	2.36E+08	2.36E+08	-	0	0
ENSG000001RNA5SP12	rRNA	chr2	2.17E+08	2.17E+08	-	0	0
ENSG000001RNA5SP10	rRNA	chr2	91674857	91674966	+	0	0
ENSG000001RNA5SP13	rRNA	chr3	72691705	72691811	-	0	0
ENSG000001RN7SKP16	misc_RNA	chr2	17122841	17123140	-	0	0
ENSG000001RNU6-321F	snRNA	chr11	1.25E+08	1.25E+08	+	0	0
ENSG000001RN7SKP42	misc_RNA	chr2	1.87E+08	1.87E+08	-	0	0
ENSG000001RNA5SP21	rRNA	chr1	77779904	77779999	+	0	0
ENSG000001Y_RNA	misc_RNA	chr5	1.81E+08	1.81E+08	+	0	0
ENSG000001RNA5SP59	rRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG000001RNU6-920F	snRNA	chr17	29641611	29641702	-	0	0
ENSG000001RN7SKP13	misc_RNA	chr4	1.77E+08	1.77E+08	+	0	0
ENSG000001RNU6-108	snRNA	chr8	27679836	27679935	+	0	0
ENSG000001RNU6-565F	snRNA	chr7	37351143	37351242	+	0	0
ENSG000001RNU6-132	snRNA	chr7	94495299	94495404	+	0	0
ENSG000001RNU4-78P	snRNA	chr3	42221840	42221965	+	0	0
ENSG000001RN7SKP33	misc_RNA	chr20	46859333	46859672	+	0	0
ENSG000001RN7SKP26	misc_RNA	chr12	80343515	80343792	-	0	0
ENSG000001Y_RNA	misc_RNA	chr17	40391232	40391338	-	0	0

ENSG0000(Y_RNA	misc_RNA	chr3	75964980	75965069	-	0	0
ENSG0000(RN7SKP29	misc_RNA	chr8	69700224	69700495	+	0	0
ENSG0000(RNU6-106	snRNA	chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-113	snRNA	chr6	31083010	31083109	+	0	0
ENSG0000(RN7SKP97	misc_RNA	chr8	61631680	61632012	-	0.58	0.32
ENSG0000(RNU6-193	snRNA	chr10	34942969	34943075	+	0	0
ENSG0000(RNU6-564	snRNA	chr22	30421045	30421148	+	0	0
ENSG0000(RNA5SP29	rRNA	chr13	51027747	51027852	-	0	0
ENSG0000(RNA5SP10	rRNA	chr2	1.34E+08	1.34E+08	+	0	0
ENSG0000(RNA5SP50	rRNA	chrX	32102065	32102176	+	0	0
ENSG0000(RNU2-41P	snRNA	chr2	1.14E+08	1.14E+08	+	0	0
ENSG0000(RNU6-114	snRNA	chr5	1.38E+08	1.38E+08	-	0	0
ENSG0000(RN7SKP20	misc_RNA	chr14	23791930	23792236	+	0	0
ENSG0000(RNU6-172	snRNA	chr12	1.02E+08	1.02E+08	-	0	0
ENSG0000(RN7SKP28	misc_RNA	chr3	86362132	86362474	+	0	0
ENSG0000(SNORD63	snoRNA	chr5	1.39E+08	1.39E+08	-	0	0
ENSG0000(RNU6-370	snRNA	chr2	24045835	24045938	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(RN7SKP58	misc_RNA	chr3	41766615	41766919	-	0	0
ENSG0000(RN7SKP26	misc_RNA	chr12	25779287	25779569	-	0	0
ENSG0000(RNA5SP41	rRNA	chr1	13623184	13623284	-	0	0
ENSG0000(RNA5SP26	rRNA	chr8	55745232	55745342	+	0	0
ENSG0000(MIR1913	miRNA	chr6	1.67E+08	1.67E+08	-	0	0
ENSG0000(RNU6-272	snRNA	chr5	53912020	53912123	-	0	0
ENSG0000(SNORA40	snoRNA	chr7	99952033	99952158	+	0	0
ENSG0000(RN7SKP8	misc_RNA	chr13	98203835	98204192	-	0	0
ENSG0000(RNA5SP22	rRNA	chr6	1.46E+08	1.46E+08	+	0	0
ENSG0000(RNU6-651	snRNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RNU2-25P	snRNA	chr9	2162763	2162953	-	0	0
ENSG0000(RN7SKP22	misc_RNA	chr7	12876684	12876946	+	0	0
ENSG0000(RN7SKP94	misc_RNA	chr17	57789449	57789732	+	0	0
ENSG0000(RN7SKP16	misc_RNA	chr10	1.21E+08	1.21E+08	+	0	0
ENSG0000(RN7SKP21	misc_RNA	chr12	1.15E+08	1.15E+08	-	0	0
ENSG0000(RNA5SP12	rRNA	chr3	31228715	31228847	+	0	0
ENSG0000(RNU2-14P	snRNA	chr14	65124352	65124542	-	0	0
ENSG0000(RNU5A-5P	snRNA	chr1	2.32E+08	2.32E+08	+	0	0
ENSG0000(RN7SKP68	misc_RNA	chr5	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU4-22P	snRNA	chr14	88513498	88513663	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	1.31E+08	1.31E+08	+	0	0
ENSG0000(RN7SKP25	misc_RNA	chr11	57451690	57452022	+	0	0
ENSG0000(RNU2-61P	snRNA	chr6	89063500	89063690	-	0	0
ENSG0000(RNA5SP18	rRNA	chr5	56146739	56146846	-	0	0
ENSG0000(SNORD29	snoRNA	chr5	24811481	24811548	+	0	0
ENSG0000(RN7SKP13	misc_RNA	chr4	1.21E+08	1.21E+08	-	0	0
ENSG0000(RN7SKP73	misc_RNA	chr5	5126046	5126337	+	0	0

ENSG0000(RN7SKP26) misc_RNA	chr9	86258358	86258646	-	0	0
ENSG0000(RNA5SP34) rRNA	chr11	75934936	75935039	+	0	0
ENSG0000(RNU6-113) snRNA	chr11	87606783	87606885	+	0	0
ENSG0000(RNA5SP30) rRNA	chr10	25813811	25813917	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr18	23024596	23024703	+	0	0
ENSG0000(RNU6-55P) snRNA	chr13	18869185	18869291	-	0	0
ENSG0000(RN7SKP24) misc_RNA	chr1	81251789	81252096	+	0	0
ENSG0000(SNORA57) snoRNA	chr10	26789017	26789157	+	0	0
ENSG0000(RNU6-284) snRNA	chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RN7SKP26) misc_RNA	chr6	1.51E+08	1.51E+08	+	0	0
ENSG0000(RN7SKP14) misc_RNA	chr3	2088933	2089211	-	0	0
ENSG0000(RN7SKP16) misc_RNA	chr12	10084186	10084490	+	0	0
ENSG0000(RNU6-130) snRNA	chr6	82210338	82210440	-	0	0
ENSG0000(RNA5SP36) rRNA	chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU6-847) snRNA	chr10	34926775	34926882	+	0	0
ENSG0000(RN7SKP16) misc_RNA	chr22	25963983	25964273	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr19	56105416	56105510	+	0	0
ENSG0000(RNU6-124) snRNA	chr1	27824538	27824643	+	0	0
ENSG0000(RNU6-325) snRNA	chr10	85537379	85537483	+	0	0
ENSG0000(RN7SKP12) misc_RNA	chr1	1.93E+08	1.93E+08	-	0	0
ENSG0000(RNA5SP31) rRNA	chr13	60613608	60613734	+	0	0
ENSG0000(RNU2-55P) snRNA	chr21	23281736	23281909	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr11	8943380	8943467	-	0	0
ENSG0000(RNA5SP15) rRNA	chr4	10115756	10115884	-	0	0
ENSG0000(RNU6-602) snRNA	chr14	31662039	31662143	-	0	0
ENSG0000(RMRPP5) ribozyme	chr9	24905469	24905735	+	0	0
ENSG0000(RNA5SP11) rRNA	chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(RNU5E-9P) snRNA	chr2	1.78E+08	1.78E+08	+	0	0
ENSG0000(RNU2-72P) snRNA	chr10	60912765	60912927	-	0	0
ENSG0000(MIR1538) miRNA	chr16	69565808	69565868	-	0	0
ENSG0000(SNORA74) snoRNA	chr10	49954214	49954414	+	0	0
ENSG0000(RNA5SP24) rRNA	chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(RN7SKP29) misc_RNA	chr3	1.91E+08	1.91E+08	+	0.84	0.61
ENSG0000(RN7SKP10) misc_RNA	chr2	1.24E+08	1.24E+08	-	0	0
ENSG0000(RN7SKP18) misc_RNA	chr15	96842069	96842384	+	0	0
ENSG0000(RNU2-32P) snRNA	chr17	41467956	41468146	+	0	0
ENSG0000(RN7SKP26) misc_RNA	chr12	94008739	94009047	-	0	0
ENSG0000(RN7SKP14) misc_RNA	chr20	21424758	21425041	-	0	0
ENSG0000(RNA5SP30) rRNA	chr10	22997255	22997358	+	0	0
ENSG0000(RN7SKP20) misc_RNA	chr5	29948828	29949130	+	0	0
ENSG0000(RNA5SP45) rRNA	chr18	9923920	9924021	+	0	0
ENSG0000(RN7SKP25) misc_RNA	chr22	49738677	49739003	+	0	0
ENSG0000(RN7SKP11) misc_RNA	chr2	7141227	7141544	-	0	0
ENSG0000(RNU4-88P) snRNA	chr1	66094461	66094546	-	0	0
ENSG0000(RNU2-18P) snRNA	chr10	16476003	16476164	+	0	0

ENSG0000(RNY1P3	misc_RNA	chr13	25950704	25950821	-	0	0
ENSG0000(RNA5SP28	rRNA	chr9	27198287	27198401	+	0	0
ENSG0000(RN7SKP14	misc_RNA	chr16	51671236	51671563	-	0	0
ENSG0000(RNA5SP20	rRNA	chr6	75865239	75865335	-	0	0
ENSG0000(RN7SKP17	misc_RNA	chr14	76890263	76890613	+	0	0
ENSG0000(RNU4-61P	snRNA	chr1	48447936	48448042	+	0	0
ENSG0000(RNA5SP39	rRNA	chr13	1.08E+08	1.08E+08	-	0	0
ENSG0000(RNU6-373F	snRNA	chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(RNU6-119	snRNA	chr1	758233	758336	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(RNU6-177F	snRNA	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(RN7SKP10	misc_RNA	chr20	43063326	43063609	+	0	0
ENSG0000(RNU6-293F	snRNA	chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RNU6-100	snRNA	chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(RNU2-22P	snRNA	chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(RN7SKP29	misc_RNA	chr11	74685224	74685505	+	0.41	0
ENSG0000(RNA5SP22	rRNA	chr6	1.43E+08	1.43E+08	+	0	0
ENSG0000(RNU6-121	snRNA	chr4	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU4-74P	snRNA	chr7	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNU6-607F	snRNA	chr8	37668898	37669005	+	0	0
ENSG0000(RNU6-938F	snRNA	chr17	75409086	75409188	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	70780914	70781008	-	0	0
ENSG0000(RN7SKP19	misc_RNA	chr11	59706057	59706383	-	0	0
ENSG0000(SNORD71	snoRNA	chr16	71758402	71758487	-	0	0
ENSG0000(RNU6-105	snRNA	chr4	1.19E+08	1.19E+08	+	0	0
ENSG0000(RN7SKP27	misc_RNA	chr1	96695856	96696167	-	0	0
ENSG0000(RNA5SP29	rRNA	chr9	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU4-63P	snRNA	chr2	41871271	41871388	+	0	0
ENSG0000(RNU2-64P	snRNA	chr3	73110992	73111182	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	85264296	85264402	+	0	0
ENSG0000(RNU6-785F	snRNA	chr9	1.38E+08	1.38E+08	+	0	0
ENSG0000(RNU6-575F	snRNA	chr7	43207762	43207866	-	0	0
ENSG0000(RNA5SP50	rRNA	chrX	76655009	76655127	-	0	0
ENSG0000(RN7SKP19	misc_RNA	chrX	96410432	96410782	-	0	0
ENSG0000(RNA5SP49	rRNA	chr21	42221173	42221286	+	0	0
ENSG0000(RNU6-387F	snRNA	chr1	67417214	67417318	+	0	0
ENSG0000(RNU6-592F	snRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(RN7SKP53	misc_RNA	chr11	99120176	99120490	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr15	66348276	66348375	+	0	0
ENSG0000(RN7SKP17	misc_RNA	chr12	76315751	76316048	+	0	0
ENSG0000(RNA5SP49	rRNA	chrX	1300256	1300375	-	0	0
ENSG0000(RNA5SP49	rRNA	chrY	1300256	1300375	-	0	0
ENSG0000(RNU6-57P	snRNA	chr13	41354557	41354659	-	0	0
ENSG0000(RN7SKP85	misc_RNA	chr8	98921233	98921550	-	0	0
ENSG0000(RN7SKP16	misc_RNA	chr1	2.26E+08	2.26E+08	+	0	0

ENSG0000(RNU6-195F)	snRNA	chr19	40708055	40708163	-	0	0
ENSG0000(RNU6-954F)	snRNA	chr21	13968489	13968595	-	0	0
ENSG0000(RNA5SP10)	rRNA	chr2	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNA5SP27)	rRNA	chr8	69929905	69930022	+	0	0
ENSG0000(SNORD83)	snoRNA	chr12	64575665	64575741	+	0	0
ENSG0000(RNY3P8)	misc_RNA	chr13	95310830	95310955	-	0	0
ENSG0000(RN7SKP10)	misc_RNA	chr14	96638187	96638514	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr14	73858061	73858165	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr10	1.11E+08	1.11E+08	-	0	0
ENSG0000(RN7SKP30)	misc_RNA	chr4	55540502	55540835	-	0	0.32
ENSG0000(RNU6-1304)	snRNA	chr1	2.26E+08	2.26E+08	+	0	0
ENSG0000(RN7SKP10)	misc_RNA	chr15	46720193	46720512	-	0	0
ENSG0000(RNU6-722F)	snRNA	chrX	48959179	48959282	-	0	0
ENSG0000(RNU6-516F)	snRNA	chr15	40529570	40529673	+	0	0
ENSG0000(RN7SKP27)	misc_RNA	chr11	1.27E+08	1.27E+08	+	0	0
ENSG0000(RNA5SP11)	rRNA	chr2	1.65E+08	1.65E+08	-	0	0
ENSG0000(RN7SKP29)	misc_RNA	chr6	12406486	12406781	-	0	0
ENSG0000(RN7SKP27)	misc_RNA	chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU2-71P)	snRNA	chr8	80585585	80585773	-	0	0
ENSG0000(RNU6-1052)	snRNA	chr7	56402070	56402173	-	0	0
ENSG0000(RNU6-603F)	snRNA	chr6	32352877	32352983	+	0	0
ENSG0000(RNU2-6P)	snRNA	chr13	46374401	46374590	-	0	0
ENSG0000(RN7SKP3)	misc_RNA	chr13	45060729	45061086	+	0	0
ENSG0000(RP3-42906)	lincRNA	chr6	6901022	6918715	-	0	0
ENSG0000(RP13-131K)	antisense	chr3	48985049	48989988	-	0.33	0.27
ENSG0000(RP11-541F)	lincRNA	chr1	1.92E+08	1.92E+08	-	0	0
ENSG0000(HIST2H2BA)	transcribed	chr1	1.21E+08	1.21E+08	-	1.57	0.99
ENSG0000(KLF2P3)	processed	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(IGLV9-49)	IG_V_gene	chr22	22343187	22343732	+	0	0
ENSG0000(ZNF385D-A)	lincRNA	chr3	21942566	21979828	+	0	0
ENSG0000(RP11-290P)	processed	chr1	2.45E+08	2.45E+08	-	0	0
ENSG0000(RP11-66D1)	antisense	chr1	1.57E+08	1.57E+08	-	0	0.21
ENSG0000(EHHADH-A)	antisense	chr3	1.85E+08	1.85E+08	+	0	0
ENSG0000(AC096559)	lincRNA	chr2	12598987	12605145	+	0	0
ENSG0000(FTH1P10)	transcribed	chr5	17353695	17354624	-	48.17	67.27
ENSG0000(CDY15P)	unprocessed	chrY	23855522	23857091	-	0	0
ENSG0000(RP11-401G)	processed	chr9	73870896	73873297	-	0	0
ENSG0000(AC108066)	lincRNA	chr2	2.13E+08	2.13E+08	+	0	0
ENSG0000(AC005104)	antisense	chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-224C)	processed	chr1	2.18E+08	2.18E+08	+	0	0
ENSG0000(RP5-1014C)	unprocessed	chrX	1.5E+08	1.5E+08	-	0	0
ENSG0000(RP11-374M)	lincRNA	chr9	61868727	61887084	+	0	0
ENSG0000(RP11-655H)	lincRNA	chr10	1.09E+08	1.09E+08	+	0	0
ENSG0000(LINC01778)	lincRNA	chr1	30824228	30834431	+	0	0.16
ENSG0000(HIST1H2AP)	processed	chr13	36490078	36490441	-	0	0

ENSG0000(LINC02068 lincRNA chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(SDCBP2P1 processed_chr6	73322837	73323450	+	0	0
ENSG0000(RP11-91A1 antisense chr1	52033391	52044279	+	0	0
ENSG0000(GS1-309P1 processed_chrX	27517771	27517881	-	0	0
ENSG0000(CLDN10-AS antisense chr13	95479444	95533910	-	0	0
ENSG0000(RP5-858B6 antisense chr1	2.31E+08	2.31E+08	+	0	0.18
ENSG0000(TRBV29OR TR_V_pseu chr9	33786221	33786828	+	0	0
ENSG0000(RBM22P7 processed_chrX	52509903	52510182	+	0	0
ENSG0000(RP11-134G lincRNA chr1	2.02E+08	2.02E+08	+	0.28	0.38
ENSG0000(AC027124. processed_chr3	13460424	13460889	-	0	0
ENSG0000(AP006748. lincRNA chr21	41576135	41581319	-	0	0
ENSG0000(RP11-211G protein_co chr3	1.88E+08	1.88E+08	+	0	0.06
ENSG0000(AC074121. processed_chr7	98478551	98479225	-	0	0
ENSG0000(MEG9 lincRNA chr14	1.01E+08	1.01E+08	+	0.46	0.55
ENSG0000(LINC00397 lincRNA chr13	87801036	87803808	-	0	0
ENSG0000(XKRYP5 unprocessε chrY	25752388	25752870	+	0	0
ENSG0000(USP9YP18 unprocessε chrY	23659466	23667822	-	0	0
ENSG0000(RPL17P17 processed_chr3	65843890	65844446	+	0	0
ENSG0000(RP1-191L6. lincRNA chr20	40121041	40126357	+	0	0
ENSG0000(LINC00473 lincRNA chr6	1.66E+08	1.66E+08	-	0	0.28
ENSG0000(RPS26P15 processed_chr1	58056133	58056480	-	0	0
ENSG0000(TRIM49D1 protein_co chr11	89911111	89921767	-	0	0
ENSG0000(GS1-590J6. processed_chrX	11704123	11705590	-	0	0
ENSG0000(AC006022. processed_chr7	30742431	30742818	-	0	0
ENSG0000(RP11-572H processed_chr9	31165618	31166980	-	0	0
ENSG0000(AC007274. unprocessε chrY	7678899	7681028	+	0	0
ENSG0000(AC016716. processed_chr2	80162428	80163135	-	0	0
ENSG0000(RP11-399K transcribec chr10	75288333	75288682	-	0	0
ENSG0000(RP4-800M: processed_chr1	52162186	52163026	-	0	0
ENSG0000(AC011243. lincRNA chr2	1.34E+08	1.34E+08	+	0	0
ENSG0000(MTND6P21 processed_chr21	44472895	44473739	+	0	0
ENSG0000(RP11-62L1: lincRNA chr10	1.22E+08	1.22E+08	-	0	0
ENSG0000(RPS29P9 processed_chr2	2.08E+08	2.08E+08	+	0	0
ENSG0000(AC011625. antisense chr7	1.32E+08	1.32E+08	+	0.14	0
ENSG0000(TMSB4XP3 processed_chr7	29625870	29625983	+	0	0
ENSG0000(RP1-171K1 lincRNA chrX	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-555J: antisense chr9	32633454	32648685	+	0	0
ENSG0000(TH2LCRR antisense chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(USP17L2 protein_co chr8	12137168	12139077	-	0	0
ENSG0000(RPL6P21 processed_chr7	14070535	14071380	-	0	0
ENSG0000(RP11-274J: antisense chr9	93094939	93095529	-	0	0
ENSG0000(RP11-5211ε processed_chr1	1.8E+08	1.8E+08	-	0	0
ENSG0000(HMGN2P1: processed_chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-781P processed_chr10	1.2E+08	1.2E+08	-	0	0
ENSG0000(HTATSF1P1 processed_chr6	33237799	33239690	+	0	0

ENSG0000(LMO7DN-1 sense_intr) chr13	75876886	75881127	+	0	0
ENSG0000(TCAF1P1 unprocess) chr7	1.44E+08	1.44E+08	+	6.6	6.58
ENSG0000(GAPDHP69 processed) chr13	29306778	29307785	+	0	0
ENSG0000(AC004471. antisense) chr22	19121529	19124503	+	0	0
ENSG0000(RP11-285G lincRNA) chr10	44937508	44955725	+	0	0
ENSG0000(LINC01825 lincRNA) chr2	1.96E+08	1.96E+08	+	0	0.16
ENSG0000(CALM1P1 processed) chrX	95499604	95500036	+	0	0
ENSG0000(RP11-344J lincRNA) chr6	43851757	43852333	-	0	0
ENSG0000(RP11-490C lincRNA) chr10	33909238	33917804	+	0	0
ENSG0000(RP11-310H antisense) chr7	55573171	55588336	+	0.13	0
ENSG0000(VN1R42P processed) chr7	64933273	64933616	+	0	0
ENSG0000(RP11-545E antisense) chr9	1.29E+08	1.29E+08	+	3.72	3.36
ENSG0000(RP4-788P1 lincRNA) chr1	73635216	73715214	+	0	0
ENSG0000(NUTM2A-A antisense) chr10	87203875	87342612	-	15.66	16
ENSG0000(TRPC6P processed) chrX	1.56E+08	1.56E+08	-	0	0
ENSG0000(TRPC6P processed) chrY	57171890	57172769	-	0	0
ENSG0000(LINC01615 lincRNA) chr6	1.69E+08	1.69E+08	-	20.77	24.34
ENSG0000(AC092198. lincRNA) chrX	40009276	40012182	+	0	0
ENSG0000(FRMPD4-A antisense) chrX	12373167	12375133	-	0	0
ENSG0000(MAPK6PS2 processed) chr21	22436290	22438349	-	0	0
ENSG0000(NEFHP1 processed) chr1	1.17E+08	1.17E+08	-	0	0
ENSG0000(CHCHD2P5 processed) chr1	93921268	93921667	-	0	0
ENSG0000(RP11-15M. antisense) chr20	53168643	53179550	-	0	0
ENSG0000(RP11-763B processed) chr1	1.43E+08	1.43E+08	+	0	0
ENSG0000(EXOSC6 protein_co) chr16	70246778	70251930	-	4.38	4.47
ENSG0000(AC063979. unitary_ps) chr5	72733833	72734209	+	0	0
ENSG0000(RP11-716A processed) chrX	16897651	16898521	-	0	0
ENSG0000(AC083862. processed) chr7	1.35E+08	1.35E+08	+	0.05	0
ENSG0000(VPS52 protein_co) chr6	33250272	33272047	-	18.73	17.11
ENSG0000(RP11-96B5 antisense) chr10	51062579	51068553	-	0.39	0
ENSG0000(RP11-29H2 processed) chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(RP11-542F lincRNA) chr6	68055351	68060502	+	0	0
ENSG0000(RP11-397P processed) chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(SLC20A1P1 processed) chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RPL23AP53 transcribec) chr8	213186	232231	-	5.71	7.12
ENSG0000(RP11-632K transcribec) chr15	32519848	32536926	-	13.98	11.88
ENSG0000(CDRT15 protein_co) chr17	14235673	14236862	-	0	0
ENSG0000(RP13-297E lincRNA) chrX	1732584	1755985	+	0.18	0.1
ENSG0000(RP13-297E lincRNA) chrY	1732584	1755985	+	0.18	0.1
ENSG0000(ATP6V0E1F processed) chr3	41859350	41859594	-	0	0
ENSG0000(AC004866. processed) chr7	81335106	81335183	+	0	0
ENSG0000(AFF2-IT1 sense_intr) chrX	1.49E+08	1.49E+08	+	0	0
ENSG0000(AC010723. lincRNA) chrY	14276212	14277489	-	0	0
ENSG0000(CSNK1A1P. transcribec) chr15	36798596	36818459	-	0	0
ENSG0000(KIF28P transcribec) chr1	2.47E+08	2.47E+08	-	0	0

ENSG0000(AC093690. antisense chr2	28307691	28310459 -	0	0
ENSG0000(AC079613. sense_ovei chr2	1.89E+08	1.89E+08 -	0	0.09
ENSG0000(RABGAP1L. sense_intr chr1	1.75E+08	1.75E+08 +	0.71	1.06
ENSG0000(RP11-223P antisense chr10	1.27E+08	1.27E+08 -	0	0
ENSG0000(EEF1A1P8 processed_ chr3	1.84E+08	1.84E+08 -	0.13	0.11
ENSG0000(AC012506. lincRNA chr2	23330664	23332044 -	0	0
ENSG0000(HLA-DQB1. antisense chr6	32659880	32660729 +	0	0
ENSG0000(FAM90A17 unprocessε chr8	7746034	7749606 +	0	0
ENSG0000(AC008069. lincRNA chr2	16728124	16767555 +	0	0
ENSG0000(RP5-919F1 antisense chr6	1.09E+08	1.1E+08 +	0.23	0
ENSG0000(RP11-216P processed_ chr12	1.21E+08	1.21E+08 +	0	0
ENSG0000(AC011431. unprocessε chr5	1.36E+08	1.36E+08 -	0	0
ENSG0000(RPS15AP5 processed_ chr10	1.22E+08	1.22E+08 +	0	0
ENSG0000(RP1-283K1 antisense chr6	1.33E+08	1.33E+08 -	0	0
ENSG0000(TCEAL4P1 processed_ chr13	36741878	36742465 -	0	0.13
ENSG0000(AC005838. unprocessε chr17	15588852	15589084 +	0	0
ENSG0000(LINC00630 lincRNA chrX	1.03E+08	1.03E+08 +	1.8	2.9
ENSG0000(ZNF844 protein_co chr19	12064699	12081565 +	2	1.87
ENSG0000(AC034228. antisense chr5	1.32E+08	1.32E+08 +	0	0
ENSG0000(MTND5P2ε processed_ chr2	1.2E+08	1.2E+08 +	0	0
ENSG0000(SNRPBP1 processed_ chr7	80377554	80377835 -	0	0
ENSG0000(TMSB4XP4 processed_ chr9	1.28E+08	1.28E+08 +	1.9	2.71
ENSG0000(RP11-24F1 antisense chr3	46364955	46407059 -	0	0
ENSG0000(SMPD4P1 transcribec chr22	20602595	20656914 -	0	0
ENSG0000(AC078851. lincRNA chr2	1.4E+08	1.4E+08 -	0	0
ENSG0000(USP9YP23 unprocessε chrY	17782210	17784815 +	0	0
ENSG0000(TRIM60P1 processed_ chr7	64085560	64086576 +	0	0
ENSG0000(RP11-700P processed_ chr7	56288230	56291425 +	0	0
ENSG0000(AC003090. lincRNA chr7	25593351	25750994 -	0.03	0
ENSG0000(AP001601. antisense chr21	26889376	26939742 +	0	0
ENSG0000(CYP4F32P unprocessε chr2	94759259	94760279 -	0	0
ENSG0000(RP11-344L processed_ chr10	83735506	83736493 +	0	0
ENSG0000(TNRC18P2 unprocessε chr7	63567743	63585075 -	0.06	0.03
ENSG0000(RPL3P11 processed_ chr9	14040716	14041861 -	0	0
ENSG0000(USP17L15 protein_co chr4	9234385	9236334 +	0	0
ENSG0000(RP11-2751 processed_ chr1	2.26E+08	2.26E+08 -	0	0
ENSG0000(DHRSX-IT1 sense_intr chrX	2334295	2336410 -	0.05	0
ENSG0000(DHRSX-IT1 sense_intr chrY	2334295	2336410 -	0.05	0
ENSG0000(CKMT1A protein_co chr15	43692886	43699222 +	0	0
ENSG0000(TINCR protein_co chr19	5558167	5568034 -	0.01	0.05
ENSG0000(TPMTP4 processed_ chrX	86128893	86129570 -	0	0
ENSG0000(RBMX2P3 processed_ chr1	1.19E+08	1.19E+08 -	0	0
ENSG0000(RP11-61K9 antisense chr13	19841827	19843672 +	0	0
ENSG0000(RP11-393K lincRNA chr10	7097152	7097675 +	0	0
ENSG0000(RP3-476K8 processed_ chr1	26454653	26455187 -	0.14	0.15

ENSG0000(TVP23CP1 processed_ chr7	90631906	90632568	+	0	0
ENSG0000(LINC01312 lincRNA chr6	1.34E+08	1.34E+08	+	0.08	0
ENSG0000(LINC01986 lincRNA chr3	23757	24501	+	0	0
ENSG0000(RP5-884C9 processed_ chr1	38080572	38080911	-	0	0
ENSG0000(CENPVL1 protein_co chrX	51710512	51712131	+	0	0
ENSG0000(FNDC3CP unitary_ps chrX	78165696	78172422	-	0	0
ENSG0000(AL356806 processed_ chr14	34416687	34417602	-	0	0
ENSG0000(LYPLA1P1 processed_ chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(LINC02142 lincRNA chr5	7373117	7379790	+	0	0.15
ENSG0000(RP1-292B1 antisense chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-216N processed_ chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(EEF1A1P41 processed_ chrY	2995067	2995273	-	0	0
ENSG0000(EBLN1 protein_co chr10	22208814	22210021	-	0.05	0
ENSG0000(AC125634.unprocessε chr9	64878790	64889063	-	0	0
ENSG0000(CRPP1 unprocessε chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(AC007394.processed_ chr2	1.49E+08	1.49E+08	+	0	0
ENSG0000(AC107399.unprocessε chr4	1.17E+08	1.17E+08	+	0	0
ENSG0000(DSCR4-IT1 sense_intrε chr21	38006544	38010618	-	0	0
ENSG0000(HBD protein_co chr11	5232678	5235370	-	0	0
ENSG0000(SUPT20HL2 processed_ chrX	24310907	24313315	-	0	0
ENSG0000(RP11-2891 processed_ chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(ZNF735 protein_co chr7	64207090	64220508	+	0	0
ENSG0000(RP11-1961 processed_ chr9	1.07E+08	1.07E+08	+	0	0
ENSG0000(LINC00370 lincRNA chr13	1.09E+08	1.09E+08	+	0	0
ENSG0000(MTCO1P17 unprocessε chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RBM48P1 processed_ chr4	1.27E+08	1.27E+08	+	0	0
ENSG0000(AK4P4 processed_ chr9	5855781	5856426	-	0.11	0
ENSG0000(GSTA6P unprocessε chr6	52805613	52813460	-	0	0
ENSG0000(RP3-425P1 lincRNA chr6	25053627	25057073	-	0	0
ENSG0000(RP1-125I3.processed_ chr1	25888970	25889109	+	0	0
ENSG0000(CYCSP32 processed_ chr13	19458398	19458718	-	0	0
ENSG0000(LINC01044 lincRNA chr13	1.12E+08	1.12E+08	-	0	0
ENSG0000(AC023449.processed_ chr15	25580969	25581122	+	0	0
ENSG0000(DEFA8P unprocessε chr8	6950726	6951599	-	0	0
ENSG0000(LINC01120 lincRNA chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-143A lincRNA chr6	58162610	58187582	+	0	0
ENSG0000(AC012506.lincRNA chr2	23357516	23360376	-	0	0
ENSG0000(RP4-613A2 antisense chr1	2.3E+08	2.3E+08	+	0	0
ENSG0000(UBE2Q2P5 unprocessε chrY	25431156	25437315	+	0	0
ENSG0000(RBMY2EP transcribec chrY	21394991	21401585	-	0	0
ENSG0000(RFPL4A protein_co chr19	55759014	55763175	+	0.06	0
ENSG0000(RPL30P3 processed_ chr2	9081395	9081727	-	0	0
ENSG0000(TTTY17C lincRNA chrY	25183643	25184773	-	0	0
ENSG0000(AC008277.antisense chr2	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP11-108M lincRNA chr1	16851257	16853129	-	0	0

ENSG0000(AC002463. lincRNA	chr7	1.13E+08	1.13E+08	+	0	0
ENSG0000(LINC01946 lincRNA	chr2	31793823	31803980	-	0	0
ENSG0000(IGHV3-64 IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-359E lincRNA	chr1	2.11E+08	2.11E+08	+	0	0
ENSG0000(UHRF2P1 processed_	chrX	74105572	74107958	+	0	0
ENSG0000(RP5-1121H processed_	chr20	41997131	41999397	-	0	0
ENSG0000(AC106786. antisense	chr5	1.23E+08	1.23E+08	-	0	0.3
ENSG0000(RP11-131L. antisense	chr1	85276715	85448124	+	0.03	0
ENSG0000(RAB9AP3 processed_	chrY	25918323	25918895	-	0	0
ENSG0000(HMGB3P1(processed_	chr1	99698242	99699178	+	0	0
ENSG0000(KRT8P51 processed_	chr7	1.37E+08	1.37E+08	-	0	0
ENSG0000(C1GALT1C1. protein_co	chr2	43675151	43676322	-	0.1	0.22
ENSG0000(AC012314. lincRNA	chr19	54199454	54199971	-	0	0
ENSG0000(SAMSN1-A antisense	chr21	14582202	14598303	+	0	0
ENSG0000(NDUFB4P8 processed_	chr1	1378666	1379032	+	0	0
ENSG0000(CTB-111F1 lincRNA	chr7	91638847	91643512	-	0	0
ENSG0000(EEF1A1P24 processed_	chr3	39358545	39359922	+	0.38	0.65
ENSG0000(RP11-93B1 antisense	chr20	62732566	62735347	-	0	0
ENSG0000(RPL34P3 processed_	chr21	35472095	35472432	-	0	0
ENSG0000(RP11-272P processed_	chr9	13322806	13323450	-	0	0
ENSG0000(RP11-86H7 lincRNA	chr1	94585556	94592297	-	0	0
ENSG0000(RPL34P26 processed_	chr13	50361410	50361763	-	0	0
ENSG0000(OR2AD1P unprocessε	chr6	29026680	29027607	-	0	0
ENSG0000(RP11-311H antisense	chr9	33402857	33409948	+	0	0
ENSG0000(AP000362. unprocessε	chr22	22990690	23008356	+	0	0
ENSG0000(RPSAP65 processed_	chr1	63262113	63262707	+	0	0
ENSG0000(IFNWP18 unprocessε	chr9	21209189	21209779	-	0	0
ENSG0000(LINC00571 lincRNA	chr13	38050817	38143232	-	0.85	0.47
ENSG0000(RPS24P14 processed_	chr11	3559657	3560022	+	0	0
ENSG0000(AC068044. processed_	chr2	22188336	22190313	+	0	0
ENSG0000(DIP2A-IT1 sense_intrε	chr21	46462471	46469306	+	0	0
ENSG0000(ADH5P3 processed_	chr1	2.4E+08	2.4E+08	+	0	0
ENSG0000(RP4-633O1 lincRNA	chr22	36388626	36396517	+	0	0
ENSG0000(AF230666. antisense	chr8	1.33E+08	1.33E+08	-	0	0.08
ENSG0000(GOLGA6L1 unprocessε	chrY	24168187	24174494	+	0	0
ENSG0000(RAET1E-AS antisense	chr6	1.5E+08	1.5E+08	+	0.34	1.16
ENSG0000(ZDHHC20P processed_	chr6	31380411	31380839	+	0	0
ENSG0000(AC027612. unprocessε	chr2	91736726	91767439	+	0	0
ENSG0000(LINC01422 lincRNA	chr22	26858634	26865786	+	0.04	0.06
ENSG0000(NSUN5P1 transcribec	chr7	75410322	75416787	+	10.81	12.3
ENSG0000(SFR1P2 processed_	chrX	85849410	85850139	-	0	0
ENSG0000(TRIM64EP unprocessε	chr11	90057605	90062999	-	0	0
ENSG0000(CRYGGP unprocessε	chr2	51775258	51775402	-	0	0
ENSG0000(AC091633. antisense	chr3	1.96E+08	1.96E+08	+	0.18	0.46
ENSG0000(RP5-1172N lincRNA	chrX	41275739	41276778	+	0	0

ENSG0000(LINC01208 lincRNA chr3	1.77E+08	1.77E+08	-	0	0.08
ENSG0000(RP11-113C lincRNA chr9	38360427	38376430	+	0	0
ENSG0000(DNAJA1P1 processed_ chr13	58751047	58752233	-	0	0
ENSG0000(AC093107. processed_ chr7	1.36E+08	1.36E+08	+	0	0
ENSG0000(AC024162. processed_ chr3	6692319	6693088	+	0	0
ENSG0000(RP5-1024N lincRNA chr1	48172972	48206857	+	0	0
ENSG0000(UQCRFS1P. processed_ chr7	1.39E+08	1.39E+08	+	0	0
ENSG0000(RP11-467L. processed_ chr12	31754720	31755121	+	0.21	0
ENSG0000(BX842568. processed_ chrX	36962196	36963425	-	0	0
ENSG0000(RAD17P2 processed_ chr13	49044079	49046794	-	0	0
ENSG0000(AC007879. antisense chr2	2.07E+08	2.08E+08	-	0.13	0.59
ENSG0000(CTA-929C8 lincRNA chr22	27307483	27318538	-	0	0
ENSG0000(AC026188. lincRNA chr3	3250687	3627296	-	0	0
ENSG0000(RP11-314N processed_ chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-145E lincRNA chr9	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP1-127B2 transcribed chr22	44901547	44902471	+	0	0
ENSG0000(SUPT20HL1 processed_ chrX	24362761	24365378	+	0	0
ENSG0000(RP11-321C lincRNA chr13	44982077	45083125	-	0	0
ENSG0000(RPL18AP14 processed_ chrX	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-644K lincRNA chr2	20052134	20054496	+	0	0.14
ENSG0000(OR51B3P unprocessed_ chr11	5314772	5315684	-	0	0
ENSG0000(RP11-781E processed_ chr3	74101349	74103553	+	0	0
ENSG0000(AC007389. processed_ chr2	65511771	65512076	-	0	0
ENSG0000(RP11-760D processed_ chr7	56525428	56526113	-	0	0
ENSG0000(PSMD4P1 processed_ chr21	36485983	36487411	-	0	0
ENSG0000(RP11-149B lincRNA chrX	28571532	28586395	-	0	0
ENSG0000(RBMY2GP unprocessed_ chrY	6328052	6343323	+	0	0
ENSG0000(CCDC18-AS processed_ chr1	93262186	93346025	-	7.9	10.69
ENSG0000(ELOCP30 processed_ chr10	43741437	43742350	-	0	0
ENSG0000(MIR503HG lincRNA chrX	1.35E+08	1.35E+08	-	2.31	4.28
ENSG0000(SIRPB3P unprocessed_ chr20	1665283	1708200	-	0	0
ENSG0000(AC116609. lincRNA chr2	742488	747767	+	0	0
ENSG0000(GHc-602D8 processed_ chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(AC008073. antisense chr2	24199839	24201698	-	0	0
ENSG0000(TSSC2 transcribed chr11	3380961	3408978	+	0.52	1.09
ENSG0000(MED15P9 transcribed chr2	1.3E+08	1.3E+08	+	0.03	0.14
ENSG0000(RP11-57C1 lincRNA chr10	87591607	87606024	-	0	0
ENSG0000(RP11-54O7 lincRNA chr1	916865	921016	-	1.02	1.19
ENSG0000(LINC01626 lincRNA chr6	71450834	71458874	+	0	0
ENSG0000(LINC00205 lincRNA chr21	45293285	45297354	+	1.91	1.05
ENSG0000(AC006145. antisense chr7	82009177	82029955	+	0	0.02
ENSG0000(GEMIN8P3 processed_ chrX	86304367	86305086	+	0	0
ENSG0000(CD99P1 transcribed chrX	2609348	2657229	+	3.12	2.95
ENSG0000(CD99P1 transcribed chrY	2609348	2657229	+	3.12	2.95
ENSG0000(RP11-307B antisense chr1	2.02E+08	2.02E+08	+	0.31	0

ENSG0000(LGALS8-AS antisense chr1	2.37E+08	2.37E+08	-	0.16	0.13
ENSG0000(AC092162. processed_ chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-4031I unprocessε chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(RPS21P8 processed_ chr13	26977543	26977789	+	0	0
ENSG0000(LINC01983 lincRNA chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(LINP1 lincRNA chr10	6737382	6739026	+	0	0
ENSG0000(RP11-554D lincRNA chr6	74069451	74690727	+	0.1	0
ENSG0000(RP4-593M processed_ chr1	92580476	92580821	-	0	0
ENSG0000(DIS3L2P1 unprocessε chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(UBE2E1-AS antisense chr3	23804024	23806905	-	0	0
ENSG0000(COX5BP8 processed_ chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-473E lincRNA chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(ENTPD3-AS antisense chr3	40313802	40453329	-	1.49	1.19
ENSG0000(IL10RB-AS1 antisense chr21	33263873	33266260	-	0.05	0.08
ENSG0000(RP11-598C lincRNA chr10	55468327	55469222	+	0	0
ENSG0000(CERS1 protein_co chr19	18868545	18896727	-	2.58	3.75
ENSG0000(RPS20P14 processed_ chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(CH17-472C transcribec chr1	1.2E+08	1.2E+08	-	11.68	10.4
ENSG0000(LINC00114 lincRNA chr21	38739021	38747460	-	0	0
ENSG0000(BOLA3P4 processed_ chr9	32926051	32926450	+	0	0
ENSG0000(RP11-428L lincRNA chr10	8970125	8973468	+	0	0
ENSG0000(RP11-85L2 lincRNA chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(KRT8P28 processed_ chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-437J lincRNA chr6	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-197K lincRNA chr3	1.92E+08	1.92E+08	+	0.14	0.34
ENSG0000(AC007255. antisense chr7	29514225	29563670	-	1.22	1.19
ENSG0000(RP11-543D lincRNA chr1	47761132	47765547	-	0	0
ENSG0000(DIAPH3-AS antisense chr13	60144698	60153505	+	0	0
ENSG0000(IGKV1OR2- unprocessε chr2	92034522	92035000	-	0	0
ENSG0000(CDH23-AS1 antisense chr10	71508153	71511873	-	0	0
ENSG0000(RP3-347M processed_ chrX	1.01E+08	1.01E+08	-	0	0
ENSG0000(CFL1P1 transcribec chr10	87817928	87845612	+	2.34	3.03
ENSG0000(RP11-505P antisense chr6	73492025	73492742	-	0.24	0
ENSG0000(EEF1A1P1 processed_ chr21	23390258	23390996	+	0	0
ENSG0000(LINC01342 lincRNA chr1	1137017	1144056	+	0	0
ENSG0000(AC019178. processed_ chr2	1.9E+08	1.9E+08	-	0	0
ENSG0000(DAZAP2P1 processed_ chr2	2.02E+08	2.02E+08	-	0	0
ENSG0000(LINC01870 lincRNA chr2	1.01E+08	1.01E+08	+	0	0
ENSG0000(BANF1P4 processed_ chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(AC004870. processed_ chr7	46969702	47027481	+	0	0
ENSG0000(RP1-56J10. sense_intrε chr22	30598309	30606687	+	0	0
ENSG0000(RP11-472N lincRNA chr10	31604600	31606218	+	0	0
ENSG0000(RP11-548K unprocessε chr7	57820032	57820410	-	0	0
ENSG0000(XXbac-BPG sense_intrε chr6	32970232	32970886	+	0	0
ENSG0000(AC007091. lincRNA chr7	19353534	19578606	+	0	0

ENSG0000(FAM95B1 lincRNA chr9	40321299	40329221	+	0.19	0.67
ENSG0000(RP11-448K processed_chr10	57955295	57957178	+	0	0
ENSG0000(RP11-135J lincRNA chr1	2.19E+08	2.19E+08	-	0	0
ENSG0000(EFCAB6-AS antisense chr22	43516107	43537117	+	0	0
ENSG0000(VN1R40P unitary_psi chr7	64443802	64444742	-	0	0
ENSG0000(RP5-925F1 processed_chr1	1.88E+08	1.88E+08	-	0	0
ENSG0000(RP11-80115 processed_chr9	95123521	95123868	+	0	0
ENSG0000(MYCNU1 lincRNA chr2	15920399	15936017	+	0	0
ENSG0000(HRAT92 lincRNA chr7	520391	525232	+	0.11	0.15
ENSG0000(RAB9AP2 unprocessed_chrY	25709908	25713557	-	0	0
ENSG0000(AC007403 lincRNA chr2	67040546	67041966	+	0	0
ENSG0000(RP11-74C1 processed_chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(LINC01805 lincRNA chr2	64486353	64500904	+	0	0
ENSG0000(NPM1P19 processed_chr20	38977711	38978422	-	0	0
ENSG0000(HLA-DPB1 protein_code chr6	33075926	33087201	+	6.22	7.46
ENSG0000(AC002486 processed_chr7	20641558	20641948	-	0	0
ENSG0000(AC098592 processed_chr7	16938225	16938557	+	0	0
ENSG0000(RP11-323K processed_chr1	2.15E+08	2.15E+08	+	0	0
ENSG0000(AP000233 lincRNA chr21	25127469	25135247	+	0	0
ENSG0000(AC006372 lincRNA chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(SAP18P2 processed_chr2	1.82E+08	1.82E+08	+	0	0
ENSG0000(LINC01921 lincRNA chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(NBEAP3 unprocessed_chr22	15852990	15893942	+	0.04	0
ENSG0000(RPS27P1 processed_chr10	91544852	91545098	+	0	0
ENSG0000(RPS8P10 unprocessed_chr15	22152276	22152897	-	0	0
ENSG0000(AC005517 processed_chr17	15506866	15507354	+	0	0
ENSG0000(LINC01078 lincRNA chr13	75250480	75252012	+	0	0
ENSG0000(RP11-553K lincRNA chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000(ABCC5-AS1 antisense chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(LINC01707 lincRNA chr1	69055898	69185003	+	0	0
ENSG0000(AC019048 antisense chr2	7062727	7077880	-	0	0
ENSG0000(FAM90A13 unprocessed_chr8	7279770	7282780	+	0	0
ENSG0000(RP11-251G processed_chr7	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-73B2 processed_chr7	63393749	63394109	-	0	0
ENSG0000(AC008171 processed_chr2	2.05E+08	2.05E+08	-	0	0
ENSG0000(OSER1-AS1 lincRNA chr20	44210960	44226027	+	4.63	4.23
ENSG0000(GNL2P1 processed_chr7	49942251	49944440	-	0	0
ENSG0000(CCNJP2 processed_chr1	92755794	92756956	+	0	0
ENSG0000(AC069157 processed_chr2	53486144	53486280	-	0	0
ENSG0000(SEC13P1 processed_chr3	33033863	33034810	+	0	0
ENSG0000(AP001469 antisense chr21	46220269	46225364	+	0	0
ENSG0000(RPL23P4 processed_chr2	2.2E+08	2.2E+08	+	0	0
ENSG0000(HMGB1P1 processed_chrX	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-335E processed_chr1	76353583	76354246	-	0	0
ENSG0000(RP5-837M lincRNA chr1	1E+08	1E+08	+	0	0

ENSG0000(AC068657. processed_ chr5	1.6E+08	1.6E+08 -	0	0
ENSG0000(ZNF32-AS3 antisense chr10	43628817	43674703 +	0	0
ENSG0000(AC009480. antisense chr2	1.48E+08	1.48E+08 -	0	0
ENSG0000(EEF1A1P36 processed_ chr6	1.32E+08	1.32E+08 +	0	0
ENSG0000(AC079630. lincRNA chr12	40156239	40167707 +	0	0
ENSG0000(DPPA2P1 processed_ chrY	13230884	13231439 +	0	0
ENSG0000(RP11-353H processed_ chr3	43484972	43485880 -	0	0
ENSG0000(AC009237. unprocessε chr2	95486480	95488627 -	0	0
ENSG0000(RP13-461N processed_ chr9	1.11E+08	1.11E+08 -	0	0
ENSG0000(RP11-430G processed_ chr1	61654194	61654908 +	0	0
ENSG0000(MTND1P27 processed_ chr2	1.4E+08	1.4E+08 -	0	0
ENSG0000(ASS1P2 processed_ chr2	38810432	38811654 -	0.05	0.16
ENSG0000(AC010136. antisense chr2	2.18E+08	2.18E+08 +	0.25	0.96
ENSG0000(NUP35P1 processed_ chr10	24157835	24158781 +	0	0
ENSG0000(MIR4432H lincRNA chr2	60359216	60391375 -	0	0
ENSG0000(RP11-33A1 lincRNA chr3	1.78E+08	1.78E+08 -	0	0.18
ENSG0000(RP11-1166 unprocessε chr16	32051825	32052280 +	0	0
ENSG0000(AC008074. antisense chr2	64395220	64453798 -	0.18	0.1
ENSG0000(KRT8P8 processed_ chrX	1.52E+08	1.52E+08 +	0	0
ENSG0000(LINC01014 sense_intrε chr3	1.78E+08	1.78E+08 +	0	0
ENSG0000(RP11-252P sense_intrε chr6	1.66E+08	1.66E+08 -	0	0
ENSG0000(RP5-1180C lincRNA chr1	37262739	37325100 -	0	0
ENSG0000(RP11-458I7 processed_ chr1	1.5E+08	1.5E+08 +	0	0
ENSG0000(RP11-533C lincRNA chr6	42030053	42031382 +	0	0
ENSG0000(AC016738. antisense chr2	1.01E+08	1.01E+08 -	0.02	0
ENSG0000(RP11-421N processed_ chr7	67769629	67770468 -	0	0
ENSG0000(ROR1-AS1 antisense chr1	64094442	64171297 -	2.25	1.68
ENSG0000(AL133244. processed_ chr2	33056333	33063113 -	0	0
ENSG0000(C1QTNF5 protein_co chr11	1.19E+08	1.19E+08 -	15.69	18.19
ENSG0000(MTND6P1 processed_ chrY	8363536	8363959 -	0	0
ENSG0000(LINC01767 lincRNA chr1	56414963	56415966 +	0	0
ENSG0000(RP11-552J5 processed_ chrX	52707602	52709933 +	0	0
ENSG0000(AFG3L1P transcribec chr16	89972586	90002161 +	5.5	7.09
ENSG0000(AC009948. antisense chr2	1.78E+08	1.78E+08 +	3.98	4.44
ENSG0000(UBBP3 processed_ chr2	1.49E+08	1.49E+08 -	0	0
ENSG0000(THAP12P8 processed_ chr1	2.41E+08	2.41E+08 -	0.03	0.03
ENSG0000(ZNF587P1 processed_ chr3	31794470	31796175 +	0	0
ENSG0000(RP11-141J. antisense chr9	70726040	70730856 +	0	0
ENSG0000(RP11-505P processed_ chr6	73526744	73526879 -	0	0
ENSG0000(AC098614. processed_ chr3	27624202	27624456 -	0	0
ENSG0000(AC002456. antisense chr7	90590619	90597353 -	0.58	0
ENSG0000(RP11-598C processed_ chr7	53002420	53003429 +	0	0
ENSG0000(DDX11L1 transcribec chr1	11869	14409 +	0	0
ENSG0000(AC068491. transcribec chr2	1.11E+08	1.11E+08 +	0	0
ENSG0000(BNIP3P42 processed_ chr7	64551498	64552066 +	0	0

ENSG0000(AP001048. lincRNA chr21	43465309	43467298	+	0	0
ENSG0000(EXTL2P1 processed_chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(AC138623. processed_chr2	83218890	83219105	-	0	0
ENSG0000(ZNF736P1\ processed_chrY	24985201	24986476	-	0	0
ENSG0000(SMC2R2 lincRNA chr17	17674026	17677688	-	0	0
ENSG0000(SNRPD2P2 processed_chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(HNRNPRP1 processed_chr10	21624592	21626286	-	0	0
ENSG0000(LINC01874 lincRNA chr2	490944	492655	-	0	0
ENSG0000(RP11-528A processed_chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(RPL26P28 processed_chr10	5304431	5304865	-	0	0
ENSG0000(RP11-84A1 antisense chr1	9848318	9850154	+	0	0
ENSG0000(AC104809. antisense chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-475D lincRNA chr10	85431943	85432515	-	0	0
ENSG0000(RPL32P35 processed_chrX	1.29E+08	1.29E+08	-	0	0
ENSG0000(TRDD1 TR_D_gene chr14	22438547	22438554	+	0	0
ENSG0000(LL22NC03- lincRNA chr22	22692778	22693312	-	0	0
ENSG0000(RP3-471M: lincRNA chr1	1.73E+08	1.73E+08	+	0	0
ENSG0000(RP11-270F processed_chr9	98234709	98235567	+	0	0
ENSG0000(YES1P1 processed_chr22	25647261	25649232	+	0	0
ENSG0000(ATP5C1P1 processed_chr14	53991101	53991995	-	0	0
ENSG0000(AC019070. processed_chr2	1.48E+08	1.48E+08	-	0	0
ENSG0000(LINC01441 lincRNA chr20	55420336	55427197	-	0.14	0.39
ENSG0000(AC111155. processed_chr17	60727165	60727482	-	0	0
ENSG0000(RP11-756G processed_chr5	1.64E+08	1.64E+08	-	0	0
ENSG0000(RP11-488L. processed_chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(AC063976. lincRNA chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-728K unprocessε chr7	1.5E+08	1.5E+08	-	0	0
ENSG0000(LINC01449 lincRNA chr7	41101604	41133507	+	0	0.11
ENSG0000(AP000470. lincRNA chr21	24155170	24188342	-	0	0
ENSG0000(RPL21P32 processed_chr2	1.86E+08	1.86E+08	-	0.16	0
ENSG0000(MIR181A2\ antisense chr9	1.25E+08	1.25E+08	+	0.1	0
ENSG0000(FLJ37035 lincRNA chr10	1.26E+08	1.26E+08	-	1.1	1.58
ENSG0000(RP11-274B processed_chr9	68609125	68611984	+	0	0
ENSG0000(RP1-231P7 lincRNA chr22	27563839	27573573	-	0	0
ENSG0000(LINC01853 lincRNA chr2	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-136K sense_intrε chr6	1.51E+08	1.51E+08	+	0	0
ENSG0000(TCEAL3-AS antisense chrX	1.04E+08	1.04E+08	-	0	0
ENSG0000(EPB41L4A- lincRNA chr5	1.12E+08	1.12E+08	+	28.96	36.1
ENSG0000(CDY8P unprocessε chrY	18022299	18023908	+	0	0
ENSG0000(RP11-445P lincRNA chr10	5266033	5271236	-	0.19	0
ENSG0000(SFPQP1 processed_chrY	13083790	13095805	+	0	0
ENSG0000(RP11-347J: lincRNA chr9	39384506	39405305	-	0	0
ENSG0000(CDYLP1 unprocessε chr3	16692745	16694202	-	0	0
ENSG0000(HMG1P4 processed_chr1	1.83E+08	1.83E+08	-	0	0
ENSG0000(IGKV3D-15 IG_V_gene chr2	90114838	90115402	+	0	0

ENSG0000(MTND4P6 processed_ chr7	1.17E+08	1.17E+08 +	0	0
ENSG0000(CCNT2-AS1 antisense chr2	1.35E+08	1.35E+08 -	0.87	0.78
ENSG0000(RP11-98L5.transcribec chr9	1.36E+08	1.36E+08 +	0	0
ENSG0000(AC005076.antisense chr7	87151423	87152420 -	1.53	0.31
ENSG0000(AC104777.lincRNA chr2	1.51E+08	1.51E+08 +	0	0
ENSG0000(RP11-3001.lincRNA chr3	1.88E+08	1.88E+08 +	0	0
ENSG0000(RP1-90G24.lincRNA chr22	32273420	32277186 +	0	0
ENSG0000(CPTP protein_co chr1	1324756	1328897 +	9.19	9.45
ENSG0000(RP4-551E1 processed_ chrX	44466691	44468955 +	0	0
ENSG0000(GAPDHP55 processed_ chr15	44063511	44064313 +	0	0
ENSG0000(EGFR-AS1 antisense chr7	55179750	55188934 -	0	0
ENSG0000(AC006509.processed_ chr2	47731402	47732035 -	0	0
ENSG0000(HSPA8P16 processed_ chr7	85027828	85029692 +	0	0
ENSG0000(ARSEP1 transcribec chrY	12339813	12347495 +	0	0
ENSG0000(AC092106.processed_ chr2	1.06E+08	1.06E+08 -	0	0
ENSG0000(TUBB4BP5 processed_ chr4	1.21E+08	1.21E+08 +	0	0
ENSG0000(AC007319.antisense chr2	1.87E+08	1.88E+08 +	0.48	0
ENSG0000(RP11-344H processed_ chr1	26983628	26984024 +	0	0
ENSG0000(SRIP2 processed_ chrX	89367435	89367600 -	0	0
ENSG0000(RP4-622L5.antisense chr1	32204769	32206814 -	0.75	0.76
ENSG0000(RP11-430K processed_ chr9	1.12E+08	1.12E+08 +	0	0
ENSG0000(CTD-2183H processed_ chrX	1.55E+08	1.55E+08 -	0	0
ENSG0000(HMGN1P6 processed_ chr2	2.06E+08	2.06E+08 -	0	0
ENSG0000(AC009474.processed_ chr2	66820684	66822570 -	0	0
ENSG0000(RP11-75A9 processed_ chrX	46454097	46457199 -	0	0.03
ENSG0000(LINC00691.lincRNA chr3	24096269	24103238 -	0	0
ENSG0000(TTTY22.lincRNA chrY	9801153	9813245 +	0	0
ENSG0000(AC009487.antisense chr2	1.61E+08	1.61E+08 -	0	0
ENSG0000(AP000936.antisense chr11	1.17E+08	1.17E+08 +	0	0
ENSG0000(SNHG14 processed_ chr15	24978583	25419462 +	8.44	7.77
ENSG0000(AC091729.antisense chr7	1074450	1078036 +	0	0
ENSG0000(UBE2FP1 processed_ chr3	37143512	37143958 -	0.35	0
ENSG0000(SLC44A3-A transcribec chr1	94613814	94855426 -	0.52	1.07
ENSG0000(UBTFL8 unprocessε chr3	5080212	5084429 -	0	0
ENSG0000(MTCO1P11 unprocessε chr9	5096666	5098193 +	0	0
ENSG0000(RPL23AP41 processed_ chr3	1.41E+08	1.41E+08 +	0	0
ENSG0000(LL22NC03-.antisense chr22	21938293	21977632 +	0.07	0.08
ENSG0000(AC018804.antisense chr2	1.3E+08	1.3E+08 +	0	0
ENSG0000(CT47A10 protein_co chrX	1.21E+08	1.21E+08 -	0	0
ENSG0000(AC097468.antisense chr2	2.19E+08	2.19E+08 +	0	0
ENSG0000(AC104389.antisense chr11	5205041	5207308 +	0	0
ENSG0000(RP11-443B processed_ chr9	1977784	1978547 -	0	0
ENSG0000(RP5-1033H antisense chr1	93592199	93605573 +	0	0
ENSG0000(RPS24P8 processed_ chr3	45159774	45160175 -	0	0
ENSG0000(LINC01935.lincRNA chr2	1.03E+08	1.03E+08 -	0	0

ENSG0000(RP11-472B transcribed chr4	39480255	39481905	+	0.08	0.14
ENSG0000(AC064834. lincRNA chr2	1.95E+08	1.95E+08	+	0	0.14
ENSG0000(AP001630. antisense chr21	42964639	42965363	-	0	0
ENSG0000(ELMO1-AS. antisense chr7	36997796	37013630	+	0	0
ENSG0000(AC079809. processed_ chr7	1.53E+08	1.53E+08	-	0	0
ENSG0000(CYP4F25P unprocessed_ chr9	64465463	64466498	+	0	0
ENSG0000(LINC00633 protein_co chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(CENPVL3 protein_co chrX	51618055	51618918	-	0	0
ENSG0000(MTRF1LP2 processed_ chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-343H processed_ chr1	2.07E+08	2.07E+08	-	0	0
ENSG0000(INHBA-AS1 antisense chr7	41693916	41779388	+	0.34	0.08
ENSG0000(PTPN2P2 processed_ chr13	30553670	30554693	+	0	0
ENSG0000(ATG12P2 processed_ chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(POU6F2-AS antisense chr7	39404598	39406346	-	0	0
ENSG0000(POM121L1 processed_ chr22	24657481	24658765	-	0	0
ENSG0000(UBE2SP2 processed_ chr17	18677261	18677757	+	0	0
ENSG0000(RP11-510C antisense chr1	75127830	75133058	-	0	0
ENSG0000(LINC01248 antisense chr2	5602505	5691488	-	0	0
ENSG0000(DPPA2P2 processed_ chr1	26519354	26520250	-	0	0
ENSG0000(AC112715. lincRNA chr2	2.37E+08	2.37E+08	+	0.8	1.17
ENSG0000(AC004866. unprocessed_ chr7	81431731	81432796	+	0	0
ENSG0000(AC007568. processed_ chr7	1.18E+08	1.18E+08	+	0	0
ENSG0000(LINC01857 lincRNA chr2	2.08E+08	2.08E+08	+	0	0
ENSG0000(AC000123. antisense chr7	1.27E+08	1.27E+08	+	0	0
ENSG0000(MIR548XH. lincRNA chr21	18561265	18760003	-	0.23	0.11
ENSG0000(AMMECR1 sense_intr chrX	1.1E+08	1.1E+08	-	0	0
ENSG0000(ASH2LP1 processed_ chr22	22420326	22421310	+	0	0
ENSG0000(RP11-510C antisense chr1	75129974	75132576	-	0	0
ENSG0000(USP9YP28 unprocessed_ chrY	18833002	18839313	-	0	0
ENSG0000(AC009506. antisense chr2	1.6E+08	1.6E+08	+	1.27	2.32
ENSG0000(LINC02054 lincRNA chr3	1.84E+08	1.84E+08	+	0	0.14
ENSG0000(RP11-700P processed_ chr7	56304678	56305526	-	0	0
ENSG0000(HCG14 antisense chr6	28896530	28897322	+	0	0
ENSG0000(HMGB1P9 processed_ chr2	2.18E+08	2.18E+08	+	0	0
ENSG0000(CICP10 processed_ chr2	2.42E+08	2.42E+08	-	0	0
ENSG0000(RPS26P54 processed_ chr18	59761558	59761905	+	0	0
ENSG0000(UQCRHP3 processed_ chr10	43732334	43732584	+	0	0
ENSG0000(RP11-309L. unprocessed_ chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP3-369A1 lincRNA chr6	24742302	24751921	+	0	0
ENSG0000(DNAJC27-A antisense chr2	24971390	25039694	+	0.36	0.74
ENSG0000(PRYP1 unprocessed_ chrY	17729528	17744596	-	0	0
ENSG0000(RP3-522D1 lincRNA chr1	1.13E+08	1.13E+08	+	0.31	0.17
ENSG0000(HSFY6P unprocessed_ chrY	23657839	23659058	-	0	0
ENSG0000(RP11-416N processed_ chr7	64735933	64736743	-	0	0
ENSG0000(AC007422. lincRNA chr2	67562067	67574044	+	0	0

ENSG0000(RP4-798A1 lincRNA	chr1	16520694	16521796	+	0	0
ENSG0000(LINC00570 lincRNA	chr2	11393981	11403077	+	0.04	0
ENSG0000(SDHDP6 processed_	chr1	25294164	25294643	-	2.2	1.96
ENSG0000(MIR3681H lincRNA	chr2	11848622	12578348	+	0	0.14
ENSG0000(SNX18P9 processed_	chr9	64439346	64440180	+	0.08	0.17
ENSG0000(C5orf66 antisense	chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(LINC01991 lincRNA	chr3	1.88E+08	1.88E+08	-	0	0
ENSG0000(UBE2D3P4 processed_	chr13	84020327	84020762	+	0	0
ENSG0000(HAGLR antisense	chr2	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-442C lincRNA	chr10	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP11-259P antisense	chr22	26241331	26254092	-	0	0
ENSG0000(AC008278. antisense	chr2	15668684	15680484	-	0	0
ENSG0000(RP11-574K antisense	chr10	73813518	73814737	+	0.36	0
ENSG0000(RPS23P10 unprocess	chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(PHEX-AS1 antisense	chrX	22162733	22172983	-	0	0
ENSG0000(AP000351. unprocess	chr22	23987320	23991421	-	0	0
ENSG0000(RP11-10L1. processed_	chr4	1.03E+08	1.03E+08	+	0	0
ENSG0000(AL590762. processed_	chrX	71314912	71315879	-	0	0.12
ENSG0000(LINC00466 processed_	chr1	63159087	63317274	-	0	0
ENSG0000(TRIM60P5) processed_	chrY	24494709	24495583	-	0	0
ENSG0000(RP11-371A antisense	chr10	23343957	23345181	+	0.14	0
ENSG0000(RP13-228J. antisense	chrX	1.55E+08	1.55E+08	-	0	0.05
ENSG0000(RP11-232D processed_	chrX	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-359D antisense	chr4	76758554	76801964	-	0	0
ENSG0000(AC074290. processed_	chr2	1.94E+08	1.94E+08	-	0	0
ENSG0000(AC104699. antisense	chr2	25421117	25427643	+	0	0
ENSG0000(RPS6P8 processed_	chr6	73391038	73391767	-	0	0
ENSG0000(RP11-262I2 lincRNA	chr10	69994626	70007836	-	0	0
ENSG0000(VSTM2A-O sense_ove	chr7	54556970	54571726	+	0	0
ENSG0000(HAUS1P2 processed_	chrX	18865771	18866554	+	0	0
ENSG0000(OR2L1P unprocess	chr1	2.48E+08	2.48E+08	+	0.13	0.22
ENSG0000(RP1-15D23 lincRNA	chr1	1.73E+08	1.73E+08	+	0	0
ENSG0000(LINC01832 lincRNA	chr2	1.38E+08	1.38E+08	+	0	0
ENSG0000(AC110299. processed_	chr2	2.41E+08	2.41E+08	+	0.1	0
ENSG0000(OR2J4P unprocess	chr6	29181510	29182445	+	0	0
ENSG0000(LINC01773 lincRNA	chr1	87899909	87905714	-	0	0
ENSG0000(MRRFP1 processed_	chrX	1.23E+08	1.23E+08	-	0	0
ENSG0000(MINOS1P3 processed_	chr3	27214816	27215018	-	0	0
ENSG0000(WARS2-IT1 antisense	chr1	1.19E+08	1.19E+08	+	0.57	0.59
ENSG0000(AC090044. lincRNA	chr3	857124	858091	+	0	0
ENSG0000(CYCSP49 processed_	chrY	26549425	26549743	+	0	0
ENSG0000(LINC00403 lincRNA	chr13	1.12E+08	1.12E+08	+	0.13	0
ENSG0000(AC090283. unprocess	chr17	40687038	40689360	-	0	0
ENSG0000(RP11-533K unprocess	chr9	94496275	94512879	+	0	0
ENSG0000(AJ009632.3 lincRNA	chr21	15493932	15496124	-	0	0

ENSG0000(RP11-78A1 antisense chr10	1.22E+08	1.22E+08 +	0	0
ENSG0000(RP11-499C antisense chr10	4995488	4997380 +	0.77	1.16
ENSG0000(AC113618. processed_ chr2	2.39E+08	2.39E+08 -	0	0
ENSG0000(MTCO1P39 unprocessε chr17	19605454	19605933 +	0	0
ENSG0000(PDCL3P6 processed_ chr1	52179848	52180553 +	0	0
ENSG0000(CTA-292E1 processed_ chr22	28835893	28836137 -	0	0
ENSG0000(VWC2L-IT1 sense_intrε chr2	2.15E+08	2.15E+08 +	0	0
ENSG0000(LINC01133 lincRNA chr1	1.6E+08	1.6E+08 +	24.53	21.67
ENSG0000(RP1-272L1 lincRNA chr1	2.1E+08	2.1E+08 -	0	0
ENSG0000(RPSAP18 processed_ chr1	1.6E+08	1.6E+08 -	0.15	0
ENSG0000(CYCSP12 processed_ chr3	11878830	11879129 -	0.36	0
ENSG0000(RP11-168L lincRNA chr10	43323665	43327932 +	0	0
ENSG0000(RP11-149F lincRNA chr9	63728877	63744910 +	0	0
ENSG0000(AP000697. antisense chr21	36698773	36701564 -	0	0
ENSG0000(RP11-191L lincRNA chr22	47631674	47855600 +	0	0
ENSG0000(AC114730. antisense chr2	2.42E+08	2.42E+08 -	0	0
ENSG0000(AC005077. transcribed chr7	76108434	76132187 -	0	0
ENSG0000(ENSAP1 processed_ chr20	15619494	15619819 -	0	0
ENSG0000(RP11-336K antisense chr1	1.56E+08	1.56E+08 +	0	0
ENSG0000(AP000345. antisense chr22	23567064	23573507 +	0	0
ENSG0000(RP11-405P processed_ chr1	1.88E+08	1.88E+08 -	0	0
ENSG0000(RPS29P31 processed_ chr22	38574931	38575431 -	0	0
ENSG0000(AC005014. processed_ chr7	16583782	16586757 -	0	0
ENSG0000(SLC25A5-A processed_ chrX	1.19E+08	1.19E+08 -	0.04	0.38
ENSG0000(CTD-2290C processed_ chr5	31822561	31823136 -	0	0
ENSG0000(LINC01142 lincRNA chr1	1.7E+08	1.7E+08 -	0	0
ENSG0000(MSL3P1 transcribed chr2	2.34E+08	2.34E+08 -	1.77	0.37
ENSG0000(MTCYBP11 processed_ chr2	1.43E+08	1.43E+08 -	0	0
ENSG0000(IFIT6P unprocessε chr10	89362294	89363487 +	0	0
ENSG0000(AC012671. processed_ chr2	88428078	88428615 +	0	0
ENSG0000(AF196972. antisense chrX	48506523	48508838 -	0	0
ENSG0000(RP3-326I1 lincRNA chrX	43176994	43226598 +	0.27	0.11
ENSG0000(OLFM5P unprocessε chr11	5518441	5524955 -	0.04	0.17
ENSG0000(MRPL49P1 processed_ chr5	64674853	64675387 +	0	0
ENSG0000(RP11-197P processed_ chr9	74935176	74935696 +	0	0
ENSG0000(MTATP6P1 unprocessε chr2	2.02E+08	2.02E+08 +	0	0
ENSG0000(OR51P1P unprocessε chr11	5015138	5016079 +	0	0
ENSG0000(RP11-144G antisense chr10	63123938	63125537 -	0	0
ENSG0000(RP11-302K processed_ chr10	1.02E+08	1.02E+08 -	0	0
ENSG0000(RP11-344B lincRNA chr9	1.29E+08	1.29E+08 +	0	0
ENSG0000(LINC01527 antisense chr1	1.53E+08	1.53E+08 -	0	0
ENSG0000(ANKRD30B transcribed chr21	13038160	13067033 +	0	0
ENSG0000(LINC01567 lincRNA chr16	24661422	24671062 -	0.02	0
ENSG0000(RP11-40H2 antisense chr1	27229106	27234352 -	0	0
ENSG0000(MCCD1P2 unprocessε chr6	29994437	29995314 -	0	0

ENSG0000(RP3-378P9)	processed_chrX	1.17E+08	1.17E+08	+	0	0
ENSG0000(RPL7P7)	processed_chr1	8786211	8786913	-	0.09	0
ENSG0000(GTF2IP5)	unprocessε chr7	65773620	65802067	+	0	0
ENSG0000(CHL1-AS2)	processed_chr3	195758	197341	-	0	0
ENSG0000(RPL12P14)	processed_chr1	15792796	15793285	+	0	0
ENSG0000(AC004009)	lincRNA chr7	27361843	27409938	+	0	0
ENSG0000(DPRXP1)	processed_chr2	1.86E+08	1.86E+08	-	0	0
ENSG0000(THAP5P1)	processed_chr7	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP5-933B4)	lincRNA chr1	80534978	80584363	-	0	0
ENSG0000(MDC1-AS1)	antisense chr6	30703067	30713184	+	0	0
ENSG0000(LINC00297)	lincRNA chr13	29872613	29888405	-	0	0
ENSG0000(AC005019)	lincRNA chr7	13854355	13859025	-	0	0.28
ENSG0000(AC019181)	processed_chr2	1.65E+08	1.65E+08	-	0	1.1
ENSG0000(GAPDHP20)	processed_chr1	32402109	32403115	-	0	0
ENSG0000(AP000357)	processed_chr22	24686923	24688087	+	0	0
ENSG0000(RP11-301M)	unprocessε chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(FAM197Y1)	unprocessε chrY	9544917	9547147	-	0	0
ENSG0000(FAM8A3P)	processed_chr2	1.49E+08	1.49E+08	+	0	0
ENSG0000(MTCYBP45)	processed_chr1	11425257	11425821	-	0	0
ENSG0000(AL121578)	processed_chrX	37945884	37946775	+	0	0
ENSG0000(RP11-496H)	processed_chr1	10054445	10054781	-	0	0
ENSG0000(RP4-562J1)	processed_chrX	1.19E+08	1.19E+08	-	0	0
ENSG0000(AC007879)	lincRNA chr2	2.07E+08	2.07E+08	+	0	0
ENSG0000(KNOP1P3)	processed_chr2	51511058	51511483	+	0	0
ENSG0000(BICD1P1)	processed_chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(SCEL-AS1)	antisense chr13	77599755	77606551	-	0	0
ENSG0000(RP11-306K)	processed_chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-462G)	antisense chr6	70412828	70413950	-	0	0
ENSG0000(CDKN2AIP)	processed_chr13	39817741	39818049	-	0	0
ENSG0000(AC132479)	unprocessε chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(ACE3P)	transcribec chr17	63507056	63519806	+	0	0
ENSG0000(MTND2P5)	processed_chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-151A)	sense_intrε chr13	1.01E+08	1.01E+08	-	0	0.03
ENSG0000(ATG3P1)	processed_chr20	39329014	39329924	-	0	0
ENSG0000(RP11-466F)	antisense chr1	1.66E+08	1.66E+08	+	0.08	0.11
ENSG0000(RP11-467I)	antisense chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(AC011239)	antisense chr2	23507043	23524344	-	0	0
ENSG0000(RP11-289H)	lincRNA chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-252P)	processed_chr7	66004017	66004137	+	2.1	27.61
ENSG0000(AC138472)	unprocessε chr19	44570304	44570564	-	0	0
ENSG0000(OACYLP)	transcribec chr18	58996734	59069338	+	0	0
ENSG0000(ARAFP2)	processed_chr7	63404842	63405400	-	0	0
ENSG0000(RP11-814E)	processed_chr7	56380976	56381312	+	0	0
ENSG0000(RP11-235G)	lincRNA chr6	1.61E+08	1.61E+08	-	0	0
ENSG0000(HLA-N)	unprocessε chr6	30351416	30351550	+	0	0

ENSG0000(IGHV4-59 IG_V_gene chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP1-32B1.4 antisense chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(AC009276. lincRNA chr7	1.35E+08	1.35E+08	+	0	0
ENSG0000(AC017104. processed_chr2	2.31E+08	2.31E+08	+	0.63	0.4
ENSG0000(LINC00703 lincRNA chr10	4384246	4410612	+	0	0
ENSG0000(PRR29 protein_co chr17	63998351	64004304	+	2.24	1.7
ENSG0000(RP3-417O2 antisense chr6	96785137	96795821	+	0	0
ENSG0000(RP3-395M: antisense chr1	2492300	2493258	-	0	0
ENSG0000(BACE2-IT1 antisense chr21	41180097	41180626	+	0.46	0
ENSG0000(C4B protein_co chr6	32014762	32035418	+	6.44	5.63
ENSG0000(LINC01280 antisense chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(GPC6-AS2 antisense chr13	93818424	93836144	-	0	0
ENSG0000(METTLL15P: processed_chrX	22435598	22436818	+	0	0
ENSG0000(SMIM25 lincRNA chr20	50267486	50279795	+	0	0.15
ENSG0000(AC010880. lincRNA chr2	16354256	16432702	+	0	0
ENSG0000(RPL7P57 processed_chrX	47840963	47841702	-	0	0
ENSG0000(OR6D1P unitary_ps: chr10	45258185	45259123	+	0	0
ENSG0000(DPPA2P3 processed_chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(LL22NC03- lincRNA chr22	34208141	34209262	-	0	0
ENSG0000(LINC00572 antisense chr13	29918647	29926651	-	0	0
ENSG0000(LINC02052 lincRNA chr3	1.86E+08	1.86E+08	-	0	0
ENSG0000(RP5-956O1 antisense chr1	2.3E+08	2.3E+08	-	0	0
ENSG0000(USP9YP22 unprocess: chrY	9183694	9185803	+	0	0
ENSG0000(RP11-114B antisense chr1	32717734	32725237	-	0.22	0
ENSG0000(AC097499. processed_chr2	1.26E+08	1.26E+08	+	0	0
ENSG0000(HSP90AA2: processed_chr11	27888838	27891033	-	0	0
ENSG0000(RP11-351C processed_chr10	63489461	63489638	+	0	0
ENSG0000(AP001476. lincRNA chr21	46037052	46039807	+	0.02	0.03
ENSG0000(AC010886. processed_chr2	2.18E+08	2.18E+08	+	0	0
ENSG0000(RP11-401L: processed_chr7	1.03E+08	1.03E+08	-	0	0.13
ENSG0000(IFNA22P unprocess: chr9	21278050	21278619	-	0	0
ENSG0000(RP11-503C sense_intr: chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(STK24-AS1 antisense chr13	98577244	98578830	+	0.23	0.2
ENSG0000(KRT18P27 processed_chr13	90230384	90231682	+	0	0
ENSG0000(ADM5 protein_co chr19	49688664	49690575	+	0.03	0.07
ENSG0000(ATP5J2LP processed_chr21	36388878	36389112	-	0	0
ENSG0000(PRKAR2A- antisense chr3	48847572	48851981	+	0.59	0.6
ENSG0000(AC073869. processed_chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(SLC31A1P1 processed_chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(AP000281. processed_chr21	32841496	32841811	-	0	0
ENSG0000(LINC00539 lincRNA chr13	21303515	21348721	-	0	0
ENSG0000(MKRN5P processed_chrX	74161062	74162528	-	0	0.04
ENSG0000(AC063976. processed_chr5	1.32E+08	1.32E+08	+	0	0
ENSG0000(NF1P6 unprocess: chr22	15622601	15632051	-	0	0
ENSG0000(RP11-284L: processed_chr1	2.32E+08	2.32E+08	-	0	0

ENSG0000(PIGUP1 processed_ chr9	70916997	70917501	-	0	0
ENSG0000(RPL23AP14 processed_ chr12	2781904	2782371	+	0	0
ENSG0000(RPSAP10 processed_ chr10	28436201	28437078	+	0	0
ENSG0000(CXorf51A protein_co chrX	1.47E+08	1.47E+08	-	0	0
ENSG0000(AC068831. antisense chr15	90932586	90935130	-	0	0.73
ENSG0000(AC017035. processed_ chr2	1.97E+08	1.97E+08	-	0	0
ENSG0000(AC006509. processed_ chr2	47705468	47705979	+	0	0
ENSG0000(LINC01708 lincRNA chr1	99472332	99600995	-	0	0
ENSG0000(HIST1H1PS unprocessε chr6	26016379	26016601	+	0	0
ENSG0000(GS1-259H1 processed_ chr7	99638242	99638767	-	0	0
ENSG0000(ATP5F1P1 processed_ chr13	51598416	51599460	+	0	0
ENSG0000(RSL24D1P6 processed_ chr20	32170390	32170790	-	0	0
ENSG0000(GUSBP6 transcribec chr7	64100305	64150721	+	0	0
ENSG0000(RP11-169K antisense chr1	15740051	15749896	-	0.11	0
ENSG0000(C4BPAP1 unprocessε chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(AC079354. processed_ chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(PGAM1P6 processed_ chr2	23872268	23873014	-	0	0
ENSG0000(SOCS2P2 processed_ chr22	22170983	22171556	-	0	0
ENSG0000(CDCA4P2 processed_ chr1	86552625	86553342	-	0	0
ENSG0000(AC009313. antisense chr2	1.61E+08	1.61E+08	-	0	0
ENSG0000(RP11-181K antisense chr1	1.83E+08	1.83E+08	-	0	0
ENSG0000(AC009517. processed_ chr7	1.37E+08	1.37E+08	+	0	0
ENSG0000(ATXN1L protein_co chr16	71845991	71885268	+	8.92	9.5
ENSG0000(MTCO3P19 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(CCND3P1 processed_ chr10	30403197	30403776	-	0.24	0
ENSG0000(AC073900. processed_ chr7	97200708	97201483	-	0	0
ENSG0000(RPL36P16 processed_ chr19	41169861	41170166	+	0	0
ENSG0000(RP1-81D8.3 lincRNA chr6	1.61E+08	1.61E+08	+	0.75	0
ENSG0000(RP11-13P5 lincRNA chr6	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC136289. transcribec chr3	63741827	63827445	-	0	0
ENSG0000(RP11-495P lincRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(HSFY4P unprocessε chrY	20808776	20811809	-	0	0
ENSG0000(RP11-548K unprocessε chr7	57776972	57777521	-	0	0
ENSG0000(USP9YP7 unprocessε chrY	17908755	17910806	+	0	0
ENSG0000(HCG19P processed_ chr6	30359278	30359911	-	0	0
ENSG0000(SAMM50P processed_ chr9	17447145	17448543	-	0	0
ENSG0000(TTC21B-AS processed_ chr2	1.66E+08	1.66E+08	+	0.13	0.05
ENSG0000(RP11-87O1 processed_ chr1	75521562	75522231	+	0	0
ENSG0000(HNRNPA3P processed_ chr1	81426456	81427605	+	0	0
ENSG0000(RPL36P4 processed_ chr20	35544430	35544747	-	0	0
ENSG0000(MAPKAPK5 processed_ chr10	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-328K antisense chr10	77313941	77315694	+	0	0
ENSG0000(RP11-475D lincRNA chr10	85432863	85448961	+	0	0
ENSG0000(AC002117. antisense chr17	45150400	45161510	-	0.48	0.27
ENSG0000(RP1-293L8. lincRNA chr6	1.26E+08	1.26E+08	+	0	0

ENSG0000(AC010884. antisense	chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(POLR2KP2 processed_	chr13	48134358	48134534	-	0	0
ENSG0000(LINC00365 lincRNA	chr13	30103178	30108875	-	0	0
ENSG0000(AC109309. antisense	chr11	3226061	3232838	+	0	0
ENSG0000(LINC00620 antisense	chr3	13650696	13746637	+	0	0
ENSG0000(RP11-5K23 antisense	chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(AC068134. antisense	chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(HTR2A-AS1 antisense	chr13	46852143	46856299	+	0	0
ENSG0000(AC006989. processed_	chrY	14941746	14942715	+	0	0
ENSG0000(HMGN1P1: processed_	chr7	46634614	46634946	+	0	0
ENSG0000(KRT8P45 processed_	chr1	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-438F antisense	chr1	2.49E+08	2.49E+08	+	0	0
ENSG0000(RP13-52K8 unprocessε	chrX	81408938	81427276	+	0	0
ENSG0000(CYCSP42 processed_	chr21	15490530	15490767	-	0	0
ENSG0000(RP11-5611: antisense	chr1	2.42E+08	2.42E+08	+	0	0.09
ENSG0000(AC093698. processed_	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(PPIAP10 processed_	chr20	53421199	53421656	+	0	0
ENSG0000(SMIM13 protein_co	chr6	11094033	11138733	+	2.25	2.16
ENSG0000(RP3-470L2. lincRNA	chr6	6758276	6759291	-	0	0
ENSG0000(TMLHE-AS: antisense	chrX	1.55E+08	1.56E+08	+	0.07	0
ENSG0000(RP11-61J1: lincRNA	chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(RP11-134G antisense	chr1	2.02E+08	2.02E+08	+	0.34	0.21
ENSG0000(MEP1AP4 unprocessε	chr9	42817105	42823213	-	0	0
ENSG0000(SAGE4P unprocessε	chrX	1.36E+08	1.36E+08	+	0	0
ENSG0000(RP11-385N processed_	chr1	2.09E+08	2.09E+08	+	0	0
ENSG0000(AP001439. antisense	chr21	26158091	26175824	+	0	0
ENSG0000(SNRPGP15 processed_	chr19	14489388	14489609	+	0	0
ENSG0000(AC008264. processed_	chr7	1.32E+08	1.32E+08	+	0.24	0
ENSG0000(EIF4BP3 processed_	chr9	96146007	96147856	+	0	0
ENSG0000(ZNF619P1 processed_	chr7	46144937	46145688	+	0	0
ENSG0000(RP1-107N3 processed_	chrX	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-370B lincRNA	chr9	22767175	22768316	+	0	0
ENSG0000(RP11-270C processed_	chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(HMGB3P2: processed_	chr7	97135015	97135561	-	0	0
ENSG0000(AC008065. processed_	chr2	1.71E+08	1.71E+08	-	0	0
ENSG0000(RP11-438N processed_	chr11	3989163	3989463	-	0	0
ENSG0000(RP11-485B unprocessε	chrX	52422069	52459066	+	0	0
ENSG0000(HLA-DPB2 transcribed	chr6	33112451	33129084	+	0	0
ENSG0000(LINC01087 lincRNA	chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-270L: processed_	chr4	45414337	45414910	-	0	0
ENSG0000(LPP-AS1 antisense	chr3	1.89E+08	1.89E+08	-	0	0
ENSG0000(LINC01754 lincRNA	chr20	47391929	47412327	-	0	0
ENSG0000(FAM96AP2 processed_	chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(RP11-295P processed_	chrY	11445708	11446101	-	0	0
ENSG0000(LINC01886 lincRNA	chr2	1.08E+08	1.08E+08	+	0	0

ENSG0000(RP11-341G processed_ chr4	13977166	13978028	+	0	0
ENSG0000(RP11-430H processed_ chr1	65576129	65578380	-	0	0
ENSG0000(USP9YP13 unprocessε chrY	23919905	23921510	+	0	0
ENSG0000(AC083863. processed_ chr7	32951426	32951656	+	0	0
ENSG0000(COL18A1-A antisense chr21	45407386	45410065	-	0	0
ENSG0000(LINC01117 lincRNA chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(HNRNPA1P transcribec chr16	51645756	51647132	+	2.51	1.94
ENSG0000(AC012314. unprocessε chr19	54209092	54209418	-	0	0
ENSG0000(LINC01015 antisense chr6	29529420	29533665	+	0	0
ENSG0000(RP11-554D lincRNA chr6	74642384	74652002	+	0	0
ENSG0000(UBE2V1P1: processed_ chr1	2.15E+08	2.15E+08	-	0	0
ENSG0000(AC103563. unprocessε chr2	94971954	94972167	-	0	0
ENSG0000(GPX5 protein_co chr6	28525925	28534952	+	0	0
ENSG0000(RP11-12D5 processed_ chrX	27893348	27894059	-	0	0
ENSG0000(MTND3P1ε unprocessε chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RP5-884C9 lincRNA chr1	38047314	38119025	+	0.12	0.27
ENSG0000(RP11-30B1 transcribec chr7	3337889	3338601	+	0	0
ENSG0000(RPL29P19 processed_ chr8	48384590	48385049	+	1.02	0.75
ENSG0000(AC073626. antisense chr7	1.14E+08	1.14E+08	-	0	0
ENSG0000(ZMIZ1-AS1 antisense chr10	78943328	79067895	-	1.12	1.21
ENSG0000(SVIL-AS1 antisense chr10	29409402	29487745	+	24.24	22.52
ENSG0000(RPS5P2 processed_ chr21	34135432	34136071	-	0	0
ENSG0000(BMS1P12 unprocessε chr9	65189995	65193610	-	0.4	0.27
ENSG0000(RP4-612B1 processed_ chr1	1.72E+08	1.72E+08	-	0	0
ENSG0000(RPS26P5 processed_ chr21	16121310	16121644	-	0	0
ENSG0000(RP11-96J1: processed_ chr9	62444256	62444634	-	0	0
ENSG0000(AC008069. processed_ chr2	16853820	16855284	-	0	0
ENSG0000(RP1-177I1(lincRNA chr6	91390313	91393000	-	0	0
ENSG0000(TGFA-IT1 sense_intrε chr2	70467385	70468495	-	0	0
ENSG0000(IGKV1D-27 IG_V_pseu chr2	89968867	89969335	+	0	0
ENSG0000(HSD52 processed_ chr1	59131936	59208121	-	0	0
ENSG0000(RP11-265P lincRNA chrX	39226103	39299786	-	0	0
ENSG0000(AC007919. processed_ chr3	1.73E+08	1.73E+08	+	0	0
ENSG0000(AC011901. lincRNA chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-153F antisense chr1	1.03E+08	1.04E+08	-	0	0
ENSG0000(TNK2-AS1 antisense chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RTCA-AS1 antisense chr1	1E+08	1E+08	-	1.16	0.43
ENSG0000(RP11-402P processed_ chrX	71789386	71789636	-	0	0
ENSG0000(AC096921. processed_ chr3	30626423	30626797	-	0	0
ENSG0000(MEF2AP1 processed_ chr1	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-276H antisense chr1	16159266	16161883	+	0	0
ENSG0000(OR9R1P unprocessε chr12	55158847	55159723	+	0	0
ENSG0000(TUBB8P6 unprocessε chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(AC106053. lincRNA chr2	18784807	18787752	+	0	0
ENSG0000(RPL37P10 processed_ chr2	83594956	83595243	+	0	0

ENSG0000(RP5-854E1 processed_ chr20	31285317	31286835	-	0	0
ENSG0000(RP5-1142J processed_ chr7	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP1-169P2 processed_ chrX	1.44E+08	1.44E+08	-	0	0
ENSG0000(RPS27AP1 transcribed chr16	61055399	61055964	-	12.89	14.47
ENSG0000(LLOXNC01 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(ZNF736P6 processed_ chrY	8350931	8352143	+	0	0
ENSG0000(RP4-564F2 lincRNA chr20	38406011	38416797	-	0	0
ENSG0000(PDSS1P2 unprocessed chr2	44166266	44166943	+	0	0
ENSG0000(AC106900 lincRNA chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(SRSF1P1 processed_ chr13	69408216	69408735	-	0	0
ENSG0000(AC064871 antisense chr2	1.83E+08	1.83E+08	-	0	0
ENSG0000(RP11-16L2 antisense chr9	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-126K antisense chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(AC007387 processed_ chr2	74754670	74754819	-	0	0
ENSG0000(AC026954 unitary_psi chr17	7330452	7335413	+	0	0
ENSG0000(LINC01627 lincRNA chr9	37383178	37384434	-	0	0
ENSG0000(AF124730 antisense chr21	29182027	29187795	-	0	0
ENSG0000(IGHV3-74 IG_V_gene chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(LINC00885 lincRNA chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP11-548K unprocessed chr7	57819819	57820627	+	0	0
ENSG0000(LINC01823 lincRNA chr2	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP1-212G6 processed_ chrX	47718002	47719099	-	0	0
ENSG0000(RBMY2BP transcribed chrY	22649245	22658878	+	0	0
ENSG0000(RP11-631F antisense chr6	1.48E+08	1.48E+08	-	0	0
ENSG0000(GAGE12J protein_code chrX	49322057	49329384	+	0	0
ENSG0000(SH3BP5-AS antisense chr3	15254184	15264493	+	2.54	3.74
ENSG0000(AC010907 antisense chr2	3702585	3704153	-	0	0
ENSG0000(ATP6V1G1 processed_ chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RPL36AP53 processed_ chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP1-50J22 antisense chr6	36386831	36393462	+	0.32	0
ENSG0000(AC013470 processed_ chr7	12506007	12507478	+	0	0
ENSG0000(IPO8P1 processed_ chr1	2.11E+08	2.11E+08	-	0.02	0
ENSG0000(RP11-561N processed_ chr7	64582733	64583207	+	0	0
ENSG0000(AC068135 processed_ chr2	1.94E+08	1.94E+08	+	0	0
ENSG0000(RP11-335C antisense chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(RPL17P10 processed_ chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(EIF3EP2 processed_ chr2	1.62E+08	1.62E+08	+	0	0
ENSG0000(AC009227 antisense chr2	1.54E+08	1.54E+08	-	0	0.03
ENSG0000(PDIA3P2 unprocessed chr15	43649123	43649280	+	0	0
ENSG0000(GAPDHP46 processed_ chr1	92114803	92115796	-	0	0
ENSG0000(MED15P4 unprocessed chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(PLA2G12A1 processed_ chr1	52368677	52369244	+	0.18	0
ENSG0000(RP11-146D unprocessed chr9	40332995	40333460	-	0	0
ENSG0000(SOCS5P2 processed_ chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(RPL36AP25 processed_ chr7	16208945	16209265	+	0	0

ENSG0000(RP11-84O1 processed_ chr1	1.01E+08	1.01E+08 +	0	0
ENSG0000(ELOCP23 processed_ chr13	78488182	78488513 +	0	0
ENSG0000(RASAL2-AS lincRNA chr1	1.78E+08	1.78E+08 -	0.68	0.34
ENSG0000(E2F6P2 processed_ chr22	21141624	21142371 -	0	0
ENSG0000(ZNF812P transcribed chr19	9689924	9700776 -	0	0
ENSG0000(UBE2D3P3 processed_ chr1	1.51E+08	1.51E+08 +	0	0
ENSG0000(GS1-174L6 antisense chr1	1.86E+08	1.86E+08 -	0	0
ENSG0000(LLOXNC01- processed_ chrX	1.03E+08	1.03E+08 -	0	0
ENSG0000(MTND6P7 processed_ chr2	82817538	82818061 -	0	0
ENSG0000(NEFMP1 processed_ chr10	54599678	54600683 +	0	0
ENSG0000(RP11-131J: lincRNA chr1	1.08E+08	1.08E+08 +	0	0
ENSG0000(LAMTOR5- processed_ chr1	1.1E+08	1.1E+08 +	0.75	3.26
ENSG0000(RP11-697E antisense chr11	1.32E+08	1.32E+08 -	0	0
ENSG0000(MED28P4 processed_ chrX	45951762	45952333 -	0	0
ENSG0000(RP11-38C1 antisense chr1	1.65E+08	1.65E+08 +	0	0
ENSG0000(RPS17P13 processed_ chr7	37116779	37117185 +	0	0
ENSG0000(E2F3-IT1 sense_intron chr6	20437821	20440178 +	0	0
ENSG0000(OR11M1P unitary_psi chr12	48627888	48628782 +	0	0
ENSG0000(FAM90A8P unprocessed chr8	7738387	7741396 +	0	0
ENSG0000(LINC01706 lincRNA chr20	7347467	7367632 +	0	0
ENSG0000(NPIPA3 protein_coding chr16	14708944	14726338 +	3.56	3.06
ENSG0000(AC025165. antisense chr12	57612118	57619638 -	0	0.05
ENSG0000(RP11-179K lincRNA chr10	64901136	64924518 -	0	0
ENSG0000(CITF22-49E lincRNA chr22	47345569	47373541 +	0.09	0.09
ENSG0000(RP11-576D lincRNA chr1	2.05E+08	2.05E+08 +	0.06	0
ENSG0000(LINC01657 lincRNA chr1	1.76E+08	1.76E+08 +	0	0
ENSG0000(AC009237. unprocessed chr2	95502791	95505059 +	0	0
ENSG0000(AC007182. antisense chr14	75574888	75579588 -	0	0
ENSG0000(RP11-255B processed_ chr8	1.27E+08	1.27E+08 -	0	0
ENSG0000(GUSBP10 unprocessed chr7	57177409	57180052 -	0	0
ENSG0000(CEP57L1P1 processed_ chr10	70389426	70390626 +	0	0
ENSG0000(FCF1P7 processed_ chr1	2.43E+08	2.43E+08 -	0	0
ENSG0000(IMPDH1P8 processed_ chr3	15878047	15879571 +	0.04	0
ENSG0000(PCOLCE-AS antisense chr7	1.01E+08	1.01E+08 -	0.28	0.14
ENSG0000(AC009892. antisense chr19	54635722	54638892 -	0	0
ENSG0000(AC016716. antisense chr2	80028012	80030551 -	0	0
ENSG0000(MAGEA7P unprocessed chrX	1.5E+08	1.5E+08 +	0	0
ENSG0000(RP1-86D1.1 antisense chr6	1.29E+08	1.29E+08 +	0	0
ENSG0000(RP11-272G processed_ chrX	53759026	53759204 +	0	0
ENSG0000(AC099850. antisense chr17	59106598	59118267 +	0.83	0.57
ENSG0000(AC016735. lincRNA chr2	43001355	43006060 -	0	0
ENSG0000(TEX26-AS1 antisense chr13	30881933	30933846 -	0.08	0.27
ENSG0000(RP11-380G sense_intron chr10	87878692	87880427 +	0	0
ENSG0000(AC015987. antisense chr7	1.36E+08	1.36E+08 +	0	0.17
ENSG0000(MTCYBP21 processed_ chr21	44469929	44472516 -	0	0

ENSG0000(RP11-94M:lincRNA	chr10	90454170	90502968	+	0	0
ENSG0000(SHMT1P1	processed_chr1	43850300	43851611	-	0	0
ENSG0000(VN1R21P	unitary_psi_chr3	14089107	14089871	-	0	0
ENSG0000(HMGN1P3	processed_chrX	78519593	78520186	-	0	0.42
ENSG0000(LINC01167	lincRNA_chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(C1DP3	processed_chr10	80024737	80025159	-	0	0
ENSG0000(RP11-508N	transcribed_chr10	38164648	38212417	+	0	0
ENSG0000(CR769776	processed_chr9	64473040	64473826	-	0	0
ENSG0000(FDPSP8	processed_chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(RP11-54O1	antisense_chr9	94928551	94934946	-	0	0
ENSG0000(RP1-137H1	antisense_chrX	1.38E+08	1.38E+08	-	0	0
ENSG0000(MUC20P1	unprocessed_chr3	1.96E+08	1.96E+08	+	0.02	0.18
ENSG0000(ATP2B2-IT2	sense_intronic_chr3	10626021	10626807	-	0	0
ENSG0000(HSPA8P7	processed_chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(BRAFP1	unprocessed_chrX	75582676	75585506	+	0	0
ENSG0000(RPSAP50	processed_chr11	1.1E+08	1.1E+08	+	0	0
ENSG0000(OR4F2P	unprocessed_chr11	86649	87586	-	0	0
ENSG0000(CENPIP1	unprocessed_chr13	19126399	19139611	+	0	0
ENSG0000(EIF4A2P4	processed_chrX	52832704	52833899	-	0	0
ENSG0000(MIPEPP2	processed_chr1	2.39E+08	2.39E+08	-	0	0
ENSG0000(AL591704	processed_chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(AC006026	processed_chr7	23562459	23564261	-	0	0
ENSG0000(CETN4P	unitary_psi_chr4	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP5-933E2	lincRNA_chr10	10058722	10063502	+	0	0
ENSG0000(AC012363	antisense_chr2	1.2E+08	1.2E+08	-	0	0
ENSG0000(AP000704	lincRNA_chr21	36966492	36975164	+	0.27	0.88
ENSG0000(KRT18P39	processed_chr2	2.04E+08	2.04E+08	-	0	0
ENSG0000(IQCF4	transcribed_chr3	51817603	51819635	+	0	0
ENSG0000(RP3-333H2	antisense_chr22	39292988	39295563	+	0.03	0
ENSG0000(NTM-AS1	lincRNA_chr11	1.32E+08	1.32E+08	-	0	0
ENSG0000(RPL32P1	processed_chr6	33079451	33079860	+	0	0
ENSG0000(RP11-57C1	processed_chr9	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-445C	antisense_chrX	56973510	56974796	+	0.11	0
ENSG0000(RPS27AP6	processed_chr1	1.51E+08	1.51E+08	-	1.24	0.78
ENSG0000(TUBB4BP2	processed_chr9	34109171	34109968	-	0	0
ENSG0000(LINC00853	antisense_chr1	47179250	47180339	+	0	0.11
ENSG0000(ARL5AP4	processed_chr22	24686168	24686679	+	0	0
ENSG0000(DUX4L9	unprocessed_chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(SRGAP3-AS	antisense_chr3	9014123	9015979	+	0	0
ENSG0000(BEND3P2	processed_chr9	92171241	92173494	+	0	0
ENSG0000(RP11-538D	lincRNA_chr1	1.82E+08	1.82E+08	-	0.11	0.22
ENSG0000(TMEM72-A	antisense_chr10	44811024	44959689	-	0.03	0.05
ENSG0000(SEPT14P13	transcribed_chr1	485026	485208	-	0	0
ENSG0000(AC114812	antisense_chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(RP11-307E	processed_chr9	94338347	94338733	-	0	0

ENSG0000(NAP1L4P2 processed_ chrX	1.06E+08	1.06E+08 -	0	0
ENSG0000(RP11-190J.lincRNA chr10	1.02E+08	1.02E+08 -	0	0
ENSG0000(RP11-134G 3prime_ov chr1	2.01E+08	2.01E+08 -	0	0
ENSG0000(AC093843.lincRNA chr2	2.21E+08	2.21E+08 +	0	0
ENSG0000(BTF3P4 processed_ chr9	72107818	72108312 -	0	0
ENSG0000(COL4A2-AS antisense chr13	1.1E+08	1.1E+08 -	0	0
ENSG0000(THRB-IT1 sense_intr chr3	24455136	24459434 -	0	0.11
ENSG0000(RORB-AS1 antisense chr9	74485551	74499127 -	0	0
ENSG0000(AC019109.processed_ chr2	2.24E+08	2.24E+08 +	0.06	0.03
ENSG0000(LINC00265 processed_ chrY	24276245	24277026 +	0	0
ENSG0000(TOMM20P processed_ chr11	77313606	77314032 +	0	0
ENSG0000(OR2X1P unprocess chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(RP11-651P processed_ chr3	1.5E+08	1.5E+08 -	0	0
ENSG0000(LINC01689 lincRNA chr21	24304550	24321377 -	0	0
ENSG0000(BTF3P9 processed_ chr1	2.27E+08	2.27E+08 +	0	0
ENSG0000(RP11-341G processed_ chr9	1151807	1152140 -	0	0
ENSG0000(GCSHP5 processed_ chr1	1.68E+08	1.68E+08 -	6.16	6.9
ENSG0000(RPL12P17 processed_ chr2	2.08E+08	2.08E+08 -	0	0
ENSG0000(RP11-123K antisense chr9	1.27E+08	1.27E+08 -	0	0
ENSG0000(LINC00240 lincRNA chr6	26956992	27023924 +	0.22	0.65
ENSG0000(AC107079.lincRNA chr2	2.37E+08	2.37E+08 -	0	0
ENSG0000(RP1-90J20.antisense chr6	2989722	2999134 -	0.2	0.45
ENSG0000(RP11-535M lincRNA chr9	96687056	96721121 +	0	0
ENSG0000(LINC00502 lincRNA chr10	91047166	91062159 +	0	0
ENSG0000(MTND5P24 processed_ chr2	1.43E+08	1.43E+08 -	0	0
ENSG0000(LINC00393 lincRNA chr13	73413473	73648253 -	0	0
ENSG0000(CDKN2A-A.lincRNA chr9	21966929	21967751 +	0	0
ENSG0000(OPA1-AS1 antisense chr3	1.94E+08	1.94E+08 -	0	0
ENSG0000(RP4-796I17 processed_ chr22	43957027	43957348 +	0	1.03
ENSG0000(LINC01691 lincRNA chr1	1.22E+08	1.22E+08 -	0	0
ENSG0000(RPL29P11 processed_ chr3	37016523	37017014 -	0.34	0
ENSG0000(GXYLT1P2 processed_ chr21	13824406	13825635 -	0	0
ENSG0000(YBX1P1 processed_ chr14	66012830	66013789 -	0	0
ENSG0000(LINC01398 processed_ chr1	46446673	46451281 -	0	0
ENSG0000(CTC-260E6 transcribed chr19	20125044	20125484 +	0	0.08
ENSG0000(AC009518.lincRNA chr7	1.32E+08	1.32E+08 +	0	0
ENSG0000(USP9YP25 unprocess chrY	23734193	23736249 +	0	0
ENSG0000(AC062016.processed_ chr2	1.17E+08	1.17E+08 -	0	0
ENSG0000(RP4-758J11 processed_ chr1	1399522	1402046 +	6.24	5.64
ENSG0000(CDY13P unprocess chrY	22520681	22521695 -	0	0
ENSG0000(AC083949.antisense chr2	42143238	42170301 -	0.1	0
ENSG0000(RP11-49G1 antisense chr20	33214920	33217067 -	0	0
ENSG0000(NDUFAF8 protein_co chr17	81239239	81241281 +	42.98	52.91
ENSG0000(AC011754.sense_ovei chr2	79158374	79185523 +	0	0
ENSG0000(MTCYBP29 unprocess chr7	57173357	57174362 +	0	0

ENSG0000(AC068279. processed_ chr2	87379880	87380767 -	0.14	0.54
ENSG0000(CTA-250D1 antisense chr22	41981304	41982217 -	0	0
ENSG0000(AC034187. lincRNA chr3	8573726	8593124 -	0	0
ENSG0000(TSSC1-IT1 sense_intr chr2	3298341	3301465 -	0	0
ENSG0000(RP11-119F transcribed chr10	79684494	79684983 -	3.09	0.51
ENSG0000(RP11-276H processed_ chr9	87084161	87085151 -	0	0
ENSG0000(RP5-1142A antisense chr16	88731180	88741425 +	0	0
ENSG0000(AC007899. processed_ chr2	37148530	37149304 +	0	0
ENSG0000(RPS4XP16 transcribed chr13	51454164	51461315 +	1.03	1.43
ENSG0000(RP1-200K1 lincRNA chr6	1.53E+08	1.53E+08 -	0	0
ENSG0000(VPS26BP1 processed_ chr3	47960327	47961081 -	0	0
ENSG0000(SIGLEC30P processed_ chr1	1.7E+08	1.7E+08 +	0	0
ENSG0000(POT1-AS1 antisense chr7	1.25E+08	1.25E+08 +	1.72	1.48
ENSG0000(RP11-3B12 lincRNA chr7	1.25E+08	1.25E+08 -	0	0
ENSG0000(RP11-448G antisense chr1	1.98E+08	1.98E+08 +	0	0
ENSG0000(GAGE12H protein_co chrX	49579983	49587301 +	0	0
ENSG0000(AC005534. antisense chr7	1.57E+08	1.57E+08 -	0	0
ENSG0000(RP5-934G1 processed_ chr1	11877770	11880406 +	0	0
ENSG0000(AP001347. antisense chr21	14027421	14144468 +	0.72	0.99
ENSG0000(RP1-102E2 processed_ chr12	6438498	6438852 +	0	0
ENSG0000(RPL21P91 processed_ chr10	1.1E+08	1.1E+08 +	0	0
ENSG0000(TIMM8BP2 processed_ chrX	1.34E+08	1.34E+08 +	0	0
ENSG0000(LINC01766 lincRNA chr19	35597907	35601501 +	0	0
ENSG0000(LINC00863 lincRNA chr10	87342736	87357882 +	4.02	4.3
ENSG0000(APOC4-AP(protein_co chr19	44942238	44949565 +	0	0
ENSG0000(AC016694. unprocessε chrY	22670616	22672859 -	0	0
ENSG0000(AY269186. lincRNA chr3	53348	54346 -	0	0
ENSG0000(RP11-144G antisense chr10	47496212	47502195 +	0	0.34
ENSG0000(TACC1P1 unprocessε chr10	37523011	37544701 +	0	0
ENSG0000(AL050303. lincRNA chr21	13769932	13771740 +	0	0
ENSG0000(LINC00320 lincRNA chr21	20742590	20803216 -	0	0
ENSG0000(NDUFA5P1 processed_ chr1	1.1E+08	1.1E+08 -	0	0
ENSG0000(KRT8P30 processed_ chr2	2.19E+08	2.19E+08 -	0	0
ENSG0000(AC152010. unprocessε chrX	1.53E+08	1.53E+08 -	0	0
ENSG0000(AC107399. lincRNA chr4	1.17E+08	1.17E+08 -	0	0
ENSG0000(LINC01034 lincRNA chr13	76013023	76014501 -	0	0
ENSG0000(RP11-441C lincRNA chr10	99431191	99438117 +	0.25	0.42
ENSG0000(RP11-74C3 lincRNA chr9	12098660	12159147 -	0	0
ENSG0000(SUCLA2P1 processed_ chr6	30468882	30470251 +	0	0
ENSG0000(LINC00184 lincRNA chr1	2.35E+08	2.35E+08 +	0.07	0.05
ENSG0000(PRRT4 protein_co chr7	1.28E+08	1.28E+08 -	0.34	0.38
ENSG0000(RP11-51C1 processed_ chrX	1.4E+08	1.4E+08 +	0	0
ENSG0000(RP11-180D lincRNA chr1	1.59E+08	1.59E+08 +	0	0
ENSG0000(CASC6 lincRNA chr6	91629915	91690428 -	0	0
ENSG0000(RP11-82L1: sense_intr chr9	89088604	89109934 -	5.18	4.51

ENSG0000(AC007312. processed_ chr7	33276834	33277091	-	0	0
ENSG0000(VN1R25P processed_ chr7	56559221	56559958	+	0	0
ENSG0000(ATP5G1P8 processed_ chr10	76836568	76836861	+	0	0
ENSG0000(RP11-161N processed_ chrX	54147372	54147659	+	0	0
ENSG0000(RP5-1086K lincRNA chr1	1.16E+08	1.16E+08	-	1.05	0.82
ENSG0000(SRIP3 processed_ chrY	6718962	6719180	-	0	0
ENSG0000(KCTD10P1 processed_ chr9	28598668	28599292	-	0	0
ENSG0000(LINC01266 lincRNA chr3	536231	846015	+	0	0
ENSG0000(PGM5-AS1 antisense chr9	68355189	68357852	-	0	0
ENSG0000(AC017002. lincRNA chr2	1.11E+08	1.11E+08	-	0.14	0.31
ENSG0000(PPP4R3CP protein_co chrX	27460211	27463341	-	0	0
ENSG0000(LINC01752 lincRNA chr20	10753090	10753966	+	0.37	0
ENSG0000(PSAT1P4 processed_ chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(U82695.9 transcribed chrX	1.53E+08	1.53E+08	+	0.06	0.1
ENSG0000(TRAPPC2P: unprocessε chrY	17797983	17800696	-	0	0
ENSG0000(KCNC4-AS1 antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(TBC1D3P6 unprocessε chr1	15989871	15994751	+	0	0
ENSG0000(AC009303. processed_ chr2	1.18E+08	1.18E+08	-	0	0
ENSG0000(LINC01645 lincRNA chr1	1.77E+08	1.77E+08	+	0	0
ENSG0000(RP11-5407 antisense chr1	1011997	1013193	-	0	0
ENSG0000(RP11-114L antisense chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(SUMO2P3 processed_ chr7	55732144	55732431	+	0	0
ENSG0000(RP11-403H sense_intrε chr9	6902670	6978859	+	0	0
ENSG0000(LARGE-AS1 processed_ chr22	33725014	33750843	+	0	0
ENSG0000(INE1 sense_intrε chrX	47204921	47205865	+	0.59	1.15
ENSG0000(PARP4P2 unprocessε chr13	19349137	19407962	+	0	0
ENSG0000(RP11-160H lincRNA chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP13-228J: processed_ chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(RPL23AP85 processed_ chr1	56585612	56586242	-	0	0
ENSG0000(AC000367. processed_ chr7	1.27E+08	1.27E+08	-	0	0
ENSG0000(TMEM233 protein_co chr12	1.2E+08	1.2E+08	+	0.11	0.18
ENSG0000(RP11-524H antisense chr6	54840118	54840855	-	0	0
ENSG0000(RP11-297K antisense chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(PPP1R8P1 processed_ chr1	48325080	48326123	-	0.06	0
ENSG0000(RP1-191J1: processed_ chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-409K processed_ chr9	1.3E+08	1.3E+08	-	0	0
ENSG0000(FAM41AY1 lincRNA chrY	17500958	17515018	+	0	0
ENSG0000(RP11-295G sense_intrε chr9	1.33E+08	1.33E+08	-	0.12	0.26
ENSG0000(RPL29P12 processed_ chr5	43666766	43667232	-	0	0
ENSG0000(LINC01526 lincRNA chr6	81813286	81814157	-	0	0
ENSG0000(VTA1P1 processed_ chr6	1.69E+08	1.69E+08	-	0	0
ENSG0000(AC010082. antisense chr7	18429062	18430738	-	0	0
ENSG0000(RP11-6F6.1 lincRNA chr9	1.06E+08	1.06E+08	-	0	0
ENSG0000(OR51A5P unprocessε chr11	4972943	4973884	-	0	0
ENSG0000(RP11-483G processed_ chr7	73314107	73315213	+	0.05	0

ENSG0000(RP11-669M lincRNA chr1	1.89E+08	1.89E+08	+	0	0
ENSG0000(AC000067. lincRNA chr22	19667023	19667555	+	0	0
ENSG0000(RP13-228J. processed_ chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-810H unprocessε chr1	29488193	29496893	-	0	0
ENSG0000(RP13-348B lincRNA chrX	89423738	89446983	+	0	0
ENSG0000(KCTD9P1 transcribec chr17	20111824	20112990	+	0	0
ENSG0000(LINC00328 processed_ chr13	18809830	18810048	+	0	0
ENSG0000(AP004289. processed_ chr8	99346052	99348256	-	0	0
ENSG0000(RP11-419M processed_ chr7	55876738	55877024	-	0	0
ENSG0000(UBE2D3P1 processed_ chr20	5292388	5292831	-	0	0
ENSG0000(AC015977. processed_ chr2	26678219	26678510	-	0	0
ENSG0000(KIF4CP processed_ chrX	79323446	79325217	+	0	0
ENSG0000(AC091492. processed_ chr3	12328003	12328274	+	0	0
ENSG0000(IFNWP4 processed_ chr9	21106543	21106836	+	0	0
ENSG0000(RP11-330M lincRNA chr1	47818066	47820237	+	0	0
ENSG0000(RP4-784A1 sense_intrε chr1	53291791	53292138	-	0	0
ENSG0000(EIF4BP7 processed_ chrX	1.12E+08	1.12E+08	-	0.12	0.14
ENSG0000(RP11-228B antisense chr9	1.28E+08	1.28E+08	+	0.51	0.39
ENSG0000(CDK4P1 processed_ chr1	1.05E+08	1.05E+08	+	0	0
ENSG0000(EIF1AX-AS1 antisense chrX	20139968	20140444	+	0	0
ENSG0000(LINC01058 lincRNA chr13	30419519	30422237	-	0.35	0
ENSG0000(RPL18AP2 processed_ chr21	46420553	46421034	-	0	0.17
ENSG0000(RP11-204C lincRNA chr3	1962381	1987470	-	0	0
ENSG0000(MTND5P27 processed_ chr2	82815809	82817528	+	0	0
ENSG0000(RP1-20I3.3 processed_ chrX	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-349E lincRNA chr9	1.19E+08	1.19E+08	-	0	0
ENSG0000(HMGB3P2; transcribec chr5	1.8E+08	1.8E+08	+	0.35	0.14
ENSG0000(PRP38AP1 processed_ chr10	8161260	8162192	+	0	0
ENSG0000(RP11-344N processed_ chrX	48357125	48359495	+	0	0
ENSG0000(RP11-218C lincRNA chr20	23655225	23656390	-	0	0
ENSG0000(AC096574. processed_ chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(RP11-132N lincRNA chr3	1.88E+08	1.88E+08	-	0	0
ENSG0000(CATIP-AS1 processed_ chr2	2.18E+08	2.18E+08	-	0	0
ENSG0000(RP11-383G antisense chr1	2.05E+08	2.05E+08	-	0	0
ENSG0000(LINC01802 lincRNA chr2	2.07E+08	2.07E+08	+	0	0
ENSG0000(RP1-272E8 processed_ chrX	17933349	17934823	+	0	0
ENSG0000(RPL23AP2 processed_ chr19	15611657	15612122	+	0	0
ENSG0000(RP5-1025A processed_ chr20	25099105	25099928	+	0	0
ENSG0000(GS1-184P1 processed_ chrX	24429573	24429920	-	0	0
ENSG0000(OR7E116P unprocessε chr9	90232185	90233141	+	0	0
ENSG0000(RP11-426L antisense chr1	1.13E+08	1.13E+08	-	0	0
ENSG0000(WWC3-AS1 antisense chrX	10024842	10038654	-	0	0
ENSG0000(LINC00337 lincRNA chr1	6236240	6239444	+	0	0.06
ENSG0000(RP11-123N processed_ chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(FTH1P22 processed_ chr1	1.17E+08	1.17E+08	-	0	0

ENSG0000(PFN1P4	processed_chr1	1.48E+08	1.48E+08	+	0	0	
ENSG0000(DAP3P1	unprocessε	chr1	1.56E+08	1.56E+08	+	0	0
ENSG0000(GRTP1-AS1	antisense	chr13	1.13E+08	1.13E+08	+	0	0
ENSG0000(AL450226.	antisense	chr17	2232680	2233610	+	0	0
ENSG0000(RP11-15B2	lincRNA	chr9	82405188	82406239	+	0	0
ENSG0000(RP4-660H1	lincRNA	chr1	72748921	72899140	-	0	0
ENSG0000(SNORA71A	snoRNA	chr20	38427309	38427442	-	0	0
ENSG0000(RP11-405C	sense_intrε	chr6	7183083	7185287	+	0.03	0
ENSG0000(RPL3P7	processed_chr6		1.08E+08	1.08E+08	-	0	0
ENSG0000(SETP20	processed_chr4		1.1E+08	1.1E+08	-	0.3	0.08
ENSG0000(XXbac-BPG	lincRNA	chr6	57965630	57972218	+	0	0
ENSG0000(BCRP1	unprocessε	chr22	24259929	24263764	-	0	0
ENSG0000(ATP6V1E1F	processed_chr1		42903232	42903912	+	0	0
ENSG0000(DPY19L2P5	processed_chr10		79982910	79983240	-	0	0
ENSG0000(OR52K3P	unprocessε	chr11	4474813	4475755	+	0.07	0
ENSG0000(RP11-456H	antisense	chr6	11990343	11992012	-	0	0
ENSG0000(LINC01076	lincRNA	chr13	25193107	25210295	-	0	0
ENSG0000(RP11-429E	antisense	chr20	61738219	61755056	-	0.1	0.14
ENSG0000(AC092484.	lincRNA	chr2	1.46E+08	1.46E+08	-	0	0
ENSG0000(ZBTB45P1	processed_chr2		1.1E+08	1.1E+08	-	0	0
ENSG0000(LLOXNC01-	protein_co	chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(AC083900.	sense_intrε	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(RP11-295P	antisense	chr10	13710415	13712054	+	0	0
ENSG0000(RP5-1160K	sense_ovei	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-137F	processed_chr20		3465177	3465444	-	0	0
ENSG0000(ARSDP1	unprocessε	chrY	12354096	12387328	+	0	0
ENSG0000(RP11-477L	processed_chr10		92878092	92878289	-	0	0
ENSG0000(EEF1B2P5	unprocessε	chr6	63480134	63481876	+	0	0
ENSG0000(RP11-408E	unprocessε	chr1	1.63E+08	1.63E+08	-	0	0
ENSG0000(RP11-255A	processed_chr9		33574361	33574588	-	0	0
ENSG0000(RPL23AP3ε	processed_chr2		2.03E+08	2.03E+08	-	0	0
ENSG0000(RANP4	processed_chrX		1.37E+08	1.37E+08	-	0.72	0.68
ENSG0000(RP4-549F1	antisense	chr1	7441096	7441554	-	0	0
ENSG0000(LINC00237	lincRNA	chr20	21087604	21106358	-	0	0
ENSG0000(LINC00972	lincRNA	chr7	85421122	85489293	+	0	0
ENSG0000(RP4-614C1	lincRNA	chr20	59352195	59357774	-	0	0
ENSG0000(PSME2P2	processed_chr13		48771128	48771827	+	0	0
ENSG0000(MORF4L1P	processed_chr13		41199832	41200807	-	0	0
ENSG0000(PGBD4P5	processed_chr2		88922328	88922753	-	0	0
ENSG0000(DYNC112P1	processed_chr10		50264978	50266815	+	0	0
ENSG0000(CTD-2228K	processed_chr5		473236	480884	+	5.95	4.99
ENSG0000(RP11-809C	antisense	chr10	628638	631255	+	0	0
ENSG0000(RP11-490K	processed_chr1		31108188	31108623	-	0	0
ENSG0000(AC018643.	antisense	chr7	1.32E+08	1.32E+08	+	0	0
ENSG0000(AC073957.	antisense	chr7	1029025	1043891	+	0.14	0

ENSG0000(RPS12P10 processed_ chr5	1.43E+08	1.43E+08 +	0	0
ENSG0000(RP5-899B1 lincRNA chr6	1.4E+08	1.4E+08 -	0	0
ENSG0000(GOLGA2P7 transcribed chr15	84199311	84230136 -	18.37	22.3
ENSG0000(RP11-338C lincRNA chr10	1.23E+08	1.23E+08 -	0	0
ENSG0000(RP11-184J processed_ chr1	47074778	47075979 -	0.05	0
ENSG0000(TOMM22P processed_ chr10	1.19E+08	1.19E+08 +	0	0
ENSG0000(AC012354. lincRNA chr2	44954664	44968762 +	0	0
ENSG0000(HSPE1P24 processed_ chr1	10895761	10895998 +	0	0
ENSG0000(NPM1P39 processed_ chr1	27206930	27207796 +	0	0
ENSG0000(LINC00618 sense_ovei chr14	96931367	96945394 +	0	0
ENSG0000(CTD-2538A processed_ chr5	95440044	95440687 +	0	0
ENSG0000(AC012462. lincRNA chr2	2.15E+08	2.15E+08 +	0	0
ENSG0000(TXNP2 processed_ chr1	68514375	68514669 -	0	0
ENSG0000(BRI3P1 processed_ chr1	1E+08	1E+08 +	0	0
ENSG0000(RP5-828K2 processed_ chr20	22272052	22273454 -	0	0
ENSG0000(DUTP6 processed_ chr1	1.67E+08	1.67E+08 +	0.17	0.37
ENSG0000(RP11-16L9. lincRNA chr1	1.99E+08	1.99E+08 +	0	0
ENSG0000(XXbac-BPG lincRNA chr6	28837869	28839006 -	0	0
ENSG0000(OSTM1-AS. lincRNA chr6	1.08E+08	1.08E+08 +	0	0
ENSG0000(RP11-795A unprocessε chr3	1.87E+08	1.87E+08 +	0	0
ENSG0000(ATP5LP4 processed_ chr4	1.49E+08	1.49E+08 -	0	0
ENSG0000(RP11-390P antisense chr6	1.39E+08	1.39E+08 +	1.87	1.59
ENSG0000(RPSAP58 processed_ chr19	23827162	23828049 +	0.16	0
ENSG0000(LINC00457 lincRNA chr13	34435450	34640685 -	0	0
ENSG0000(AATK-AS1 protein_co chr17	81165507	81183164 +	0	0
ENSG0000(RP11-388K antisense chr20	15552157	15552885 -	0	0
ENSG0000(AC092601. processed_ chr2	1.67E+08	1.67E+08 -	0	0
ENSG0000(RP4-758J2 processed_ chr1	54089856	54090093 +	0	0
ENSG0000(RP11-481K processed_ chr12	98590723	98591214 -	0	0
ENSG0000(AC073283. antisense chr2	47067822	47071204 +	0.07	0
ENSG0000(RREP1Y unprocessε chrY	23462465	23472280 +	0	0
ENSG0000(PLEKHM1 protein_co chr17	45435900	45490749 -	17.23	17.78
ENSG0000(RP11-97C1 processed_ chr1	1.04E+08	1.04E+08 +	0	0
ENSG0000(ZNF33BP1 processed_ chr10	37794276	37796109 -	0	0.03
ENSG0000(RPS12P26 transcribed chr15	90206572	90206967 +	0.22	0
ENSG0000(LINC00092 lincRNA chr9	96019732	96027965 -	0.03	0.04
ENSG0000(RP11-338E sense_intrε chr12	64628344	64629976 +	0	0
ENSG0000(RPL10P17 processed_ chr1	12220794	12221109 -	0	0
ENSG0000(SSXP3 unprocessε chrX	48156367	48166350 +	0	0
ENSG0000(AB019441. processed_ chr14	1.06E+08	1.06E+08 -	0	0.12
ENSG0000(RP11-182N antisense chr13	75375511	75377294 -	0	0
ENSG0000(AC093818. antisense chr2	1.72E+08	1.73E+08 -	4	4.51
ENSG0000(MIR137HG lincRNA chr1	97986740	98049863 -	0.46	0.43
ENSG0000(RP11-107I1 lincRNA chr10	1.01E+08	1.01E+08 +	0	0
ENSG0000(RP11-358N lincRNA chr7	68020253	68032690 +	0	0

ENSG0000(DUXAP9	transcribed	chr14	19062316	19115270	+	4.32	3.32
ENSG0000(AKR1B1P6	processed	chr18	8545635	8546817	+	0	0
ENSG0000(RP11-197N	sense_intr	chr10	16721352	16748377	-	0	0
ENSG0000(AC079790.	antisense	chr2	1.52E+08	1.52E+08	+	0	0
ENSG0000(SMARCE1P	processed	chr11	1.07E+08	1.07E+08	-	0	0
ENSG0000(AC007362.	antisense	chr2	2.06E+08	2.06E+08	-	0	0
ENSG0000(HSPA7	unprocess	chr1	1.62E+08	1.62E+08	+	0.03	0
ENSG0000(AP001628.	lincRNA	chr21	42831040	42836477	-	0	0
ENSG0000(PLA2G12A1	processed	chr13	38902387	38902650	+	0	0
ENSG0000(CHCHD4P5	processed	chr1	2.46E+08	2.46E+08	+	0	0
ENSG0000(RPS27AP12	processed	chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(ARL2BPP1C	processed	chr22	18102457	18103649	-	0	0
ENSG0000(LINC01795	lincRNA	chr2	58275877	58296548	+	0.85	0.09
ENSG0000(AC008937.	antisense	chr5	56900041	56910714	-	0	0
ENSG0000(AC091814.	lincRNA	chr12	9936579	9943495	-	0	0
ENSG0000(RP11-554K	lincRNA	chr1	2.13E+08	2.14E+08	+	0	0
ENSG0000(TRAPPC12-	antisense	chr2	3481242	3482409	-	0	0
ENSG0000(INTS6L-AS1	antisense	chrX	1.36E+08	1.36E+08	-	0.21	0
ENSG0000(AP000936.	processed	chr11	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP1-169I5.	processed	chrX	41472264	41472653	-	0	0
ENSG0000(RPL21P107	processed	chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000(AC117490.	unprocess	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(COX6B1P7	processed	chr1	68282388	68282622	+	0	0
ENSG0000(RP1-127D3	antisense	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(RP11-220H	unprocess	chr7	56940341	56944353	-	0	0
ENSG0000(RPS2P1	processed	chr20	34122470	34123290	+	0	0.09
ENSG0000(LINC00378	lincRNA	chr13	60685199	60694528	+	0	0
ENSG0000(RPL5P25	processed	chr10	13057902	13058676	-	0.08	0
ENSG0000(AC011225.	processed	chr18	41819053	41819421	+	0	0
ENSG0000(ARMC8P1	processed	chr9	38452782	38454070	-	0	0
ENSG0000(LINC01297	lincRNA	chr22	15746630	15778297	+	0	0
ENSG0000(TRAPPC2P1	unprocess	chrY	25699451	25702562	+	0	0
ENSG0000(AC009478.	lincRNA	chr2	1.81E+08	1.81E+08	-	0	0
ENSG0000(ST13P6	processed	chr8	1.33E+08	1.33E+08	+	0	0
ENSG0000(PCDH9-AS3	antisense	chr13	66977432	66985776	+	0	0
ENSG0000(ZNRF2P2	transcribed	chr7	29598795	29685255	-	1.32	2.38
ENSG0000(TAF1A-AS1	antisense	chr1	2.23E+08	2.23E+08	+	0.77	1.05
ENSG0000(RPL8P2	processed	chr21	30263380	30263881	-	0	0
ENSG0000(LINC00705	lincRNA	chr10	4655427	4662419	+	0	0
ENSG0000(CICP12	processed	chr7	55798034	55798876	+	0	0
ENSG0000(RP11-66N5	processed	chrX	8980425	8982505	-	0	0
ENSG0000(RP11-466F	processed	chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(NUP210P2	unprocess	chr3	11900011	11901245	+	0	0
ENSG0000(MTND1P18	processed	chr10	37600796	37601368	-	0	0
ENSG0000(RP11-536C	antisense	chr1	1.6E+08	1.6E+08	+	1.9	0.46

ENSG0000(RP11-227D antisense chr20	21397818	21400391	+	0	0
ENSG0000(AP000350. processed_ chr22	23926900	23929574	+	0	0
ENSG0000(AC018693. antisense chr2	38861720	38863133	+	0	0
ENSG0000(LINC01770 lincRNA chr1	1430539	1434573	-	0.75	0
ENSG0000(AC005105. processed_ chr7	28615097	28615888	-	0	0
ENSG0000(OFD1P13Y unprocessed_ chrY	25675060	25697346	-	0	0
ENSG0000(RPL29P29 processed_ chr13	88236547	88236969	-	0	0
ENSG0000(RP11-57H1 sense_intron chr10	1.13E+08	1.13E+08	+	0	0
ENSG0000(ABCD1P4 unprocessed_ chr22	16387694	16390887	+	0	0
ENSG0000(OSTCP2 processed_ chr1	26985897	26986340	-	0	0
ENSG0000(MTND4P4 unprocessed_ chr7	57169406	57170771	+	0	0
ENSG0000(RP4-612C1 processed_ chr1	93199755	93199939	-	0	0
ENSG0000(LINC00113 lincRNA chr21	27722379	27751233	+	0	0
ENSG0000(RP11-344A antisense chr10	67052609	67055028	+	0	0
ENSG0000(RP11-1086 sense_intron chr1	2.47E+08	2.47E+08	+	0.03	0.16
ENSG0000(RP11-5391E processed_ chr10	1.17E+08	1.17E+08	-	0.42	0.52
ENSG0000(RP11-512N antisense chr10	50472814	50474246	+	0	0
ENSG0000(AC106901. processed_ chr2	2.04E+08	2.04E+08	+	0	0
ENSG0000(ASS1P11 processed_ chr7	21220213	21221428	-	0	0
ENSG0000(DNAJC19P4 processed_ chr3	2985231	2985575	-	0	0
ENSG0000(RP1-91J24. antisense chr6	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-415J8 antisense chr1	33307348	33349245	+	0	0.13
ENSG0000(AC018634. processed_ chr7	37821210	37821610	+	0	0
ENSG0000(RP11-293P antisense chr1	24040835	24086799	+	0	0
ENSG0000(LINC00350 lincRNA chr13	19587118	19588350	+	0	0
ENSG0000(LINC01427 lincRNA chr20	22263065	22284029	-	0.19	0.13
ENSG0000(Z84721.4 unprocessed_ chr16	168679	169334	+	0	0
ENSG0000(RP11-479J1 lincRNA chr1	1.66E+08	1.66E+08	-	0	0
ENSG0000(USP9YP19 unprocessed_ chrY	25748596	25750206	-	0	0
ENSG0000(USP17L3 protein_coding chr8	7976393	7977985	-	0	0
ENSG0000(LINC01594 antisense chr2	1.08E+08	1.08E+08	-	0	0
ENSG0000(LHFPL3-AS1 processed_ chr7	1.05E+08	1.05E+08	-	0	0
ENSG0000(AF064860.1 sense_overlapping chr21	39630271	39726085	+	0	0
ENSG0000(LINC01678 lincRNA chr21	44158740	44160076	-	0	0
ENSG0000(RP1-144F1 processed_ chr1	39718028	39718595	+	0	0
ENSG0000(RP11-449J1 antisense chr1	2.25E+08	2.25E+08	+	0	0
ENSG0000(XXbac-B47 antisense chr22	18076527	18078884	-	0.21	0.18
ENSG0000(HMGB3P1 processed_ chr20	34833575	34834462	-	0	0
ENSG0000(RP11-561C lincRNA chr9	68307393	68308445	+	0	0
ENSG0000(RPL23AP18 processed_ chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(RP11-513I1 processed_ chr6	34248568	34286768	+	2.55	2.1
ENSG0000(AC013269. antisense chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(AC079630. antisense chr12	40186009	40224915	-	0.18	0.44
ENSG0000(RPL21P66 processed_ chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP4-738P1 processed_ chr20	25161167	25162061	-	0	0

ENSG0000(SNX18P3 transcribed chr9	38566260	38568211 -	0.35	0.34
ENSG0000(SLC25A5P8 processed_ chr9	32333457	32334354 -	0	0
ENSG0000(RP11-820K processed_ chr12	31534715	31535247 -	0	0
ENSG0000(FREM2-AS1 antisense chr13	38821798	38827570 -	0	0
ENSG0000(RPL31P53 processed_ chr13	57391171	57391518 -	0	0
ENSG0000(RPL7AP52 processed_ chr10	94882554	94883343 +	0	0
ENSG0000(ARL6IP1P2 processed_ chr10	36995023	36995585 +	0	0
ENSG0000(RP11-433C processed_ chr4	1.82E+08	1.82E+08 +	0	0
ENSG0000(RPF2P1 processed_ chr20	35752814	35753719 +	0	0
ENSG0000(MIPEPP1 processed_ chr7	1.13E+08	1.13E+08 -	0	0
ENSG0000(RP11-540K lincRNA chr1	1.81E+08	1.81E+08 -	0	0
ENSG0000(RP11-149F processed_ chr9	63729702	63730173 +	0	0
ENSG0000(PPP1R26-A antisense chr9	1.35E+08	1.35E+08 -	1.23	1.38
ENSG0000(CT62 protein_co chr15	71110244	71115494 -	0	0
ENSG0000(ATP6V0E1F processed_ chr5	1.33E+08	1.33E+08 +	0	0
ENSG0000(AC078942. antisense chr7	1.59E+08	1.59E+08 +	0	0
ENSG0000(TDGF1P3 transcribed chrX	1.11E+08	1.11E+08 +	0	0
ENSG0000(AC009506. processed_ chr2	1.59E+08	1.59E+08 -	0	0.03
ENSG0000(AC011515. unprocessed_ chr19	54671231	54672591 +	0	0
ENSG0000(CICP8 processed_ chr7	56362458	56365270 +	0	0
ENSG0000(TMEM246- antisense chr9	1.01E+08	1.01E+08 +	0	0
ENSG0000(NRSN2-AS1 antisense chr20	320313	348224 -	4.51	4.17
ENSG0000(AC015977. antisense chr2	26671254	26674464 -	0	0
ENSG0000(IGKV1OR9- IG_V_pseu chr9	40641841	40642117 -	0	0
ENSG0000(RPS5P7 processed_ chrX	1.1E+08	1.1E+08 +	0	0
ENSG0000(SFTA1P lincRNA chr10	10784437	10794980 -	0	0.58
ENSG0000(RP13-643D processed_ chrX	34717440	34717992 -	0	0
ENSG0000(RP11-350E processed_ chr9	88066915	88068037 +	0	0
ENSG0000(AC099754. lincRNA chr3	26619330	26622690 -	0	0
ENSG0000(RP11-422P lincRNA chr1	18385829	18388514 +	0	0
ENSG0000(NHEG1 lincRNA chr6	1.37E+08	1.37E+08 -	0	0
ENSG0000(AC016700. processed_ chr2	70102551	70102862 +	0	0
ENSG0000(RP11-218L. antisense chrX	1.55E+08	1.55E+08 +	0	0
ENSG0000(AC106883. processed_ chr2	1.94E+08	1.94E+08 -	0	0
ENSG0000(FAM236D protein_co chrX	72807425	72808210 -	0	0
ENSG0000(RP11-552J. processed_ chrX	52722338	52722524 +	0	0
ENSG0000(PGM5P4 unprocessed_ chr2	1.14E+08	1.14E+08 +	0	0.2
ENSG0000(RP11-3B7.1 lincRNA chr3	49260085	49261316 +	0.1	0
ENSG0000(RAB28P5 processed_ chrX	1.37E+08	1.37E+08 +	0	0
ENSG0000(TGIF2P1 processed_ chr1	2.44E+08	2.44E+08 -	0.1	0
ENSG0000(AC010878. processed_ chr2	37816915	37817961 +	0	0
ENSG0000(RPL26P34 processed_ chr13	24704338	24704788 -	0	0
ENSG0000(RPS15AP17 processed_ chr4	62105660	62106049 -	0	0
ENSG0000(AC080125. processed_ chr2	1.86E+08	1.86E+08 -	0	0
ENSG0000(CTD-2384B antisense chr5	76691439	76716215 -	0	0

ENSG00000100000	RP11-207C antisense	chr9	5719021	5720244	-	0	0
ENSG00000100000	RP11-764K lincRNA	chr9	63802144	63814159	-	0.08	0
ENSG00000100000	AP000345. lincRNA	chr22	23512494	23513602	-	0	0
ENSG00000100000	CCRL1P1 processed	chr6	1.39E+08	1.39E+08	+	0	0
ENSG00000100000	AC104843. processed	chr7	1.53E+08	1.53E+08	-	0	0
ENSG00000100000	RP5-1178H antisense	chr20	20214299	20215262	-	0	0
ENSG00000100000	AKR1C5P unprocessed	chr10	5122087	5135226	-	0	0
ENSG00000100000	RPL21P3 processed	chr20	18485265	18486052	+	0.16	0
ENSG00000100000	AC104134. antisense	chr2	88538720	88575610	+	0	0
ENSG00000100000	AC019330. lincRNA	chr2	1.98E+08	1.99E+08	-	0	0
ENSG00000100000	RBMS1P1 processed	chr12	66234079	66235234	-	0.06	0
ENSG00000100000	TNPO1P1 processed	chr10	84390908	84392045	+	0	0
ENSG00000100000	RP11-168C lincRNA	chr10	1.29E+08	1.29E+08	+	0	0
ENSG00000100000	LINC00331 lincRNA	chr13	78787319	78792307	-	0	0
ENSG00000100000	NDUFB4P7 processed	chr2	87968609	87968971	+	0	0
ENSG00000100000	LINC01671 lincRNA	chr21	42599280	42615058	-	0	0
ENSG00000100000	MTND1P12 unprocessed	chrY	11445418	11445564	-	0	0
ENSG00000100000	LINC01504 lincRNA	chr9	72305430	72343210	+	0	0.13
ENSG00000100000	PACRG-AS2 antisense	chr6	1.63E+08	1.63E+08	-	0	0
ENSG00000100000	KRT41P unprocessed	chr17	41406512	41411775	-	0	0
ENSG00000100000	BOLA3-AS1 antisense	chr2	74148009	74150061	+	1.31	1.81
ENSG00000100000	MPRIP-AS1 antisense	chr17	17076038	17077752	-	0	0
ENSG00000100000	AC004938. processed	chr7	44511025	44511332	-	0	0
ENSG00000100000	LINC01867 lincRNA	chr2	52373118	52390012	+	0	0
ENSG00000100000	LINC01763 lincRNA	chr1	90851759	90855253	+	0	0
ENSG00000100000	RPS15AP1 processed	chr1	45645816	45646197	-	0	0.25
ENSG00000100000	AC009477. processed	chr2	1.31E+08	1.31E+08	-	0	0
ENSG00000100000	RAB6C-AS1 transcribed	chr2	1.3E+08	1.3E+08	-	0	0.03
ENSG00000100000	RP3-508115 antisense	chr22	38739003	38749041	+	0	0
ENSG00000100000	RP11-34016 processed	chr7	63876341	63877350	+	0	0
ENSG00000100000	TP11P4 processed	chr4	49016682	49017154	-	0	0
ENSG00000100000	RP11-736E processed	chr7	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	RP5-1121H antisense	chr20	41991140	42063969	+	0	0
ENSG00000100000	RP13-93L1. processed	chr9	89472237	89472692	+	0	0
ENSG00000100000	FDPSP1 processed	chr1	1.88E+08	1.88E+08	+	0	0
ENSG00000100000	ZNF70P1 processed	chr6	33215705	33216328	+	0	0
ENSG00000100000	RFPL1S antisense	chr22	29436534	29478175	-	0	0.04
ENSG00000100000	OFD1P10Y unprocessed	chrY	23581595	23614640	+	0	0
ENSG00000100000	RP3-406C1 unprocessed	chrX	1.42E+08	1.42E+08	-	0	0
ENSG00000100000	JPX lincRNA	chrX	73944184	74070408	+	7.41	9.15
ENSG00000100000	RP11-262D transcribed	chrX	72159845	72160346	+	0	0
ENSG00000100000	RP11-120J. antisense	chr9	14317085	14357908	+	0.7	0.49
ENSG00000100000	ATP13A4-A antisense	chr3	1.94E+08	1.94E+08	+	0	0
ENSG00000100000	RP11-377K processed	chr1	56619409	56619549	-	0	0
ENSG00000100000	MTCO3P5 processed	chr2	1.43E+08	1.43E+08	-	0	0

ENSG0000(CTD-2302A processed_ chr11	21283779	21284955	+	0	0
ENSG0000(RP1-8B22.2 processed_ chr1	18595414	18595636	+	0	0
ENSG0000(PLCB1-IT1 sense_intronic chr20	8248704	8256918	+	0	0
ENSG0000(AC006548. processed_ chr22	16897445	16897546	+	0	0
ENSG0000(RPS6P14 processed_ chr10	48292699	48293417	+	0	0
ENSG0000(RP11-38J2.2 processed_ chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(NUTM2B-A antisense_ chr10	79663088	79826594	-	9.52	10.49
ENSG0000(RP11-301G processed_ chr1	2.34E+08	2.34E+08	-	0	0
ENSG0000(RP11-403P processed_ chr1	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-760D lincRNA_ chr7	56482105	56483295	-	0	0
ENSG0000(RP11-390F. lincRNA_ chr9	6716495	6727438	+	0	0.37
ENSG0000(UBE2Q2P4 unprocessed_ chrY	24232826	24238984	-	0	0
ENSG0000(GBP1P1 transcribed_ chr1	89407679	89426243	+	0.13	0.32
ENSG0000(LINC01107 lincRNA_ chr2	2.39E+08	2.39E+08	-	0	0
ENSG0000(AC104651. processed_ chr2	1.12E+08	1.12E+08	-	0	0
ENSG0000(KCNMA1-A antisense_ chr10	77147652	77150100	+	0	0
ENSG0000(AC002064. lincRNA_ chr7	90312496	90322592	+	0.09	0
ENSG0000(RPL15P4 processed_ chr6	31528114	31528693	+	0	0
ENSG0000(SNRPF3 processed_ chr13	69101832	69102056	-	0	0
ENSG0000(GAPDHP16 processed_ chr21	14774301	14775262	+	0	0
ENSG0000(RP11-330C processed_ chr1	92732000	92733257	+	0	0
ENSG0000(CYP4A22-A lincRNA_ chr1	47096653	47179271	-	0.27	0.44
ENSG0000(AC069282. processed_ chr7	47956793	47957318	+	0	0
ENSG0000(SSXP5 unprocessed_ chrX	52672718	52677051	+	0	0
ENSG0000(AIFM1P1 processed_ chr10	18735745	18738631	+	0	0
ENSG0000(PCDH8P1 transcribed_ chr13	53199981	53202753	+	0	0
ENSG0000(LINC00475 lincRNA_ chr9	92141298	92160114	+	2.41	2.65
ENSG0000(RP11-165N processed_ chr9	1.12E+08	1.12E+08	-	0	0
ENSG0000(MTND1P34 transcribed_ chr1	47164510	47165920	-	0	0
ENSG0000(FAM197Y5 lincRNA_ chrY	9458613	9465974	-	0	0
ENSG0000(LINC01703 lincRNA_ chr1	2.26E+08	2.26E+08	+	2.36	1.54
ENSG0000(RP11-236B lincRNA_ chr10	90994620	91006390	+	0	0
ENSG0000(TTTY16 lincRNA_ chrY	7699357	7701247	-	1.1	1.21
ENSG0000(AC005237. antisense_ chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-203F processed_ chr1	2.04E+08	2.04E+08	+	0	0
ENSG0000(IGKV6D-21 IG_V_gene_ chr2	90021567	90022185	+	0	0
ENSG0000(MKRN2OS protein_coding_ chr3	12514934	12561059	-	0	0
ENSG0000(RP11-383B antisense_ chr10	18531849	18533336	-	0	0
ENSG0000(RP3-370M.1 protein_coding_ chr22	39960397	39964718	+	0	0
ENSG0000(SP3P processed_ chr13	89361160	89363224	-	0	0
ENSG0000(RP11-1961J processed_ chr9	1.07E+08	1.07E+08	+	0	0
ENSG0000(XX-C2158C lincRNA_ chr6	1.71E+08	1.71E+08	-	0	0
ENSG0000(PAWRP1 processed_ chr10	95183653	95184217	+	0	0
ENSG0000(LINC01393 lincRNA_ chr7	1.15E+08	1.15E+08	+	0.19	0.11
ENSG0000(STIP1P3 processed_ chrX	86084716	86086339	-	0	0

ENSG0000(AC073325. lincRNA	chr7	45460712	45542182	+	0	0
ENSG0000(OR5BE1P unprocessε	chr11	56082801	56083739	+	0	0
ENSG0000(LINC01821 lincRNA	chr2	1.94E+08	1.94E+08	+	0	0
ENSG0000(AC002480. sense_ovei	chr7	22571607	22661792	-	0	0
ENSG0000(ZNF385D-A antisense	chr3	21542816	21579959	+	0	0
ENSG0000(KB-1027C1 processed_	chr22	21885282	21885673	-	0.41	0
ENSG0000(RP11-545I1 lincRNA	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(LVCAT5 lincRNA	chr7	1.2E+08	1.2E+08	-	0	0
ENSG0000(LINC01980 lincRNA	chr3	27802762	27891301	+	0.13	0
ENSG0000(RP11-210H transcribec	chr6	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-19J3. unprocessε	chr9	92539053	92539184	-	0	0
ENSG0000(NAALADL2. antisense	chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-527D lincRNA	chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(AP000320. antisense	chr21	34370802	34375348	-	0.49	0
ENSG0000(C2CD4D protein_co	chr1	1.52E+08	1.52E+08	-	0	0.04
ENSG0000(MTCO3P2C processed_	chr22	36175167	36175854	+	0	0
ENSG0000(UBE2D3P2 processed_	chr3	37134658	37135102	+	0	0
ENSG0000(AC083867. lincRNA	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(FAM197Y8 transcribec	chrY	9347511	9356814	-	0	0
ENSG0000(LINC01710 lincRNA	chr1	2.19E+08	2.19E+08	-	0	0
ENSG0000(AC006076. lincRNA	chr20	53799823	53801318	-	0	0
ENSG0000(LINC01492 lincRNA	chr9	1.03E+08	1.03E+08	-	0.07	0.08
ENSG0000(RP11-384B processed_	chr1	87045875	87046700	+	0	0
ENSG0000(CCT4P2 processed_	chrX	65270913	65273019	+	0	0
ENSG0000(AC013733. lincRNA	chr2	1.82E+08	1.82E+08	-	0	0
ENSG0000(DOCK4-AS1 antisense	chr7	1.12E+08	1.12E+08	+	0	0
ENSG0000(RPL35P5 processed_	chr7	66606738	66607107	-	0	0
ENSG0000(DRAXINP1 processed_	chrX	8783514	8784461	-	0	0
ENSG0000(NCBP2-AS1 antisense	chr3	1.97E+08	1.97E+08	+	0.13	0
ENSG0000(EDNRB-AS1 lincRNA	chr13	77828222	77833950	+	0	0
ENSG0000(RP1-159M; processed_	chr6	1.13E+08	1.13E+08	-	0	0
ENSG0000(TRIM53AP unprocessε	chr11	89993536	89999741	-	0	0
ENSG0000(AC011193. lincRNA	chr17	34479312	34479957	+	0	0
ENSG0000(RP4-630C2 processed_	chr7	1.24E+08	1.24E+08	+	0	0
ENSG0000(IPPKP1 processed_	chr13	21103003	21104371	-	0	0
ENSG0000(AC096669. lincRNA	chr2	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-360D processed_	chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(AC098826. unprocessε	chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(LINC01623 lincRNA	chr6	28859625	28864630	-	0.09	0
ENSG0000(RP11-339D lincRNA	chr1	80373364	80374621	-	0	0
ENSG0000(MTOR-AS1 antisense	chr1	11143898	11149537	+	0	0
ENSG0000(RP11-325P processed_	chr1	1.47E+08	1.47E+08	+	0	0
ENSG0000(RP11-550H lincRNA	chr1	75932479	76019356	+	0	0
ENSG0000(AC005281. antisense	chr7	12570125	12571392	-	0	0
ENSG0000(CDY20P unprocessε	chrY	25618644	25620253	+	0	0

ENSG0000(AC007679. antisense	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(LINC02158 antisense	chr3	42770612	42773635	+	0.28	0
ENSG0000(AC099552. lincRNA	chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(LINCMD1 lincRNA	chr6	52146814	52151119	-	0	0
ENSG0000(ZNF469 protein_co	chr16	88427471	88440757	+	3.59	3.32
ENSG0000(RBMY2UP unprocessε	chrY	22198429	22203712	+	0	0
ENSG0000(RP4-604A2 processed_	chr1	28982278	28982608	-	0	0
ENSG0000(MYT1L-AS1 antisense	chr2	2319232	2327110	+	0	0
ENSG0000(RP11-569A lincRNA	chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(PPIAP17 processed_	chr20	16223750	16224535	-	0	0
ENSG0000(AGBL4-IT1 sense_intrε	chr1	49374201	49472085	-	0	0
ENSG0000(TBL1YP1 unprocessε	chrY	20727254	20742900	+	0	0
ENSG0000(RP11-31H5 processed_	chr15	56846340	56846605	+	0	0
ENSG0000(C9orf135-A lincRNA	chr9	69818983	69820739	-	0	0
ENSG0000(MTND2P2ε unprocessε	chr1	629640	630683	+	4.78	4.94
ENSG0000(RP5-997D2 antisense	chr1	54285405	54287371	+	0	0
ENSG0000(HNRNPA3F processed_	chr2	1.97E+08	1.97E+08	+	0	0
ENSG0000(AP001046. lincRNA	chr21	43363332	43366566	+	0	0
ENSG0000(PABPC1P1: processed_	chr10	38635908	38638082	+	0	0
ENSG0000(PGAM1P2 processed_	chr9	35943210	35943934	-	0	0
ENSG0000(LINC01729 lincRNA	chr20	5507875	5510002	-	0	0
ENSG0000(SNRPEP5 processed_	chr2	8603082	8603359	+	0	0
ENSG0000(RP11-70P1 lincRNA	chr1	25581478	25590356	+	0	0
ENSG0000(RPL35AP4 processed_	chr6	33389374	33389475	-	0	0
ENSG0000(AC005487. lincRNA	chr7	1.09E+08	1.09E+08	+	0	0
ENSG0000(SBDSP1 transcribec	chr7	72829425	72836701	+	16	21.1
ENSG0000(AC064875. processed_	chr2	12966784	13007013	-	0	0
ENSG0000(EIF2S2P5 processed_	chr1	1.14E+08	1.14E+08	+	0.13	0.07
ENSG0000(KCNMA1-A antisense	chr10	77354404	77376613	+	0	0
ENSG0000(RNF19BPY processed_	chrY	3777997	3779546	-	0	0
ENSG0000(RP11-58A1 lincRNA	chr9	41073710	41076392	+	0	0
ENSG0000(RP5-858B6 lincRNA	chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(LINC01716 lincRNA	chr20	56577563	56598621	+	0	0
ENSG0000(TAF13P2 processed_	chr2	74351134	74351419	+	0	0
ENSG0000(RP1-73A14 processed_	chrX	1.47E+08	1.47E+08	+	0	0
ENSG0000(RPL14P5 processed_	chrX	1008503	1010101	-	0	0
ENSG0000(RPL14P5 processed_	chrY	1008503	1010101	-	0	0
ENSG0000(RP11-1036 processed_	chr3	62779176	62779785	-	0	0
ENSG0000(MCRIP1 protein_co	chr17	81822361	81833302	-	60.02	61.46
ENSG0000(YWHAZP8 processed_	chrX	73274785	73275515	+	0	0
ENSG0000(SAR1P3 processed_	chr4	1.2E+08	1.2E+08	+	0	0
ENSG0000(RPL23AP27 processed_	chr2	1.05E+08	1.05E+08	+	0	0
ENSG0000(CADM3-AS antisense	chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(FCF1P6 processed_	chr1	50405430	50406024	-	0	0
ENSG0000(CCNT2P1 processed_	chr1	1.11E+08	1.11E+08	-	0	0

ENSG0000(RP11-641C processed_ chr3	60730055	60730644	-	0	0
ENSG0000(IPO7P2 processed_ chr13	24122065	24123814	-	0	0
ENSG0000(LINC01771 lincRNA chr1	53328233	53336509	+	0.13	0
ENSG0000(RP3-438O4 antisense chr22	30184644	30207109	-	0	0
ENSG0000(AP000619. transcribed chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(AL163953. lincRNA chr14	53599832	53614026	-	0	0
ENSG0000(AC005730. transcribed chr17	20056287	20056630	+	0	0
ENSG0000(PACRG-AS3 antisense chr6	1.63E+08	1.63E+08	-	0	0
ENSG0000(FAM225B lincRNA chr9	1.13E+08	1.13E+08	-	0.03	0.28
ENSG0000(TSPY5P transcribed chrY	10066554	10069151	-	0	0
ENSG0000(RP1-30E17 lincRNA chrX	1.28E+08	1.29E+08	-	0	0
ENSG0000(TREML5P unprocessed chr6	41247369	41249649	+	0	0
ENSG0000(LAGE3P1 processed_ chr9	33019682	33020165	-	0.63	0.17
ENSG0000(HNRNPA1P processed_ chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(SLC26A6 protein_code chr3	48625723	48635493	-	9.81	8.77
ENSG0000(IGHV3-72 IG_V_gene chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(EIF4A1P13 processed_ chr7	88448788	88449017	-	0	0
ENSG0000(AC005522. lincRNA chr7	76972679	76976961	-	0	0
ENSG0000(RP4-798A1 processed_ chr1	1.71E+08	1.71E+08	+	0	0
ENSG0000(AC004899. processed_ chr7	48846426	48852898	-	0	0
ENSG0000(PTPRD-AS1 lincRNA chr9	8858130	8862255	+	0.64	0.35
ENSG0000(RP13-379L lincRNA chr20	58069054	58072070	-	0	0
ENSG0000(RP5-875O1 unprocessed chr1	16548651	16552531	-	0.07	0
ENSG0000(RP11-345I1 processed_ chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(ATP5G2P1 processed_ chr1	2.09E+08	2.09E+08	-	0	0
ENSG0000(RPL30P1 processed_ chr1	1.74E+08	1.74E+08	-	0	0
ENSG0000(RP11-325E processed_ chrX	80709928	80710705	+	0	0
ENSG0000(ELOCP13 processed_ chrY	18440797	18441125	+	0	0
ENSG0000(RP11-3P22 lincRNA chr7	69224696	69430923	-	0	0
ENSG0000(NMNAT1P; processed_ chr1	1.64E+08	1.64E+08	+	0	0
ENSG0000(RP4-742C1 transcribed chr22	39091586	39092855	+	0	0
ENSG0000(RP11-269F antisense chr1	44759037	44775810	-	0	0
ENSG0000(RP11-706C processed_ chrX	3953056	3953561	+	0	0
ENSG0000(MTND6P15 processed_ chr1	2.38E+08	2.38E+08	+	0	0
ENSG0000(ASH2LP3 unprocessed chr22	22339573	22341214	+	0	0
ENSG0000(FAM66E lincRNA chr8	7955014	8008755	+	0	0
ENSG0000(AC007000. processed_ chr7	77071751	77072237	-	0.16	0
ENSG0000(RP11-71C5 transcribed chr13	44437207	44452827	+	0	0
ENSG0000(RP6-191P2 processed_ chrX	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP3-365O1 antisense chr6	46903471	46909078	+	0	0
ENSG0000(AP001627. antisense chr21	42733594	42741758	-	0	0
ENSG0000(FGD5-AS1 antisense chr3	14920347	14948424	-	33.61	32.63
ENSG0000(NEK4P1 processed_ chr21	17210469	17211347	-	0	0
ENSG0000(NRG3-AS1 processed_ chr10	82228985	82232920	-	0	0
ENSG0000(NPM1P18 processed_ chr7	36818959	36819690	+	0	0

ENSG00000100000	ELOCP6	processed	chrY	17837201	17837528	-	0	0
ENSG00000100000	LL22NC03	unprocessed	chr22	22103219	22104857	+	0	0
ENSG00000100000	LINC02036	lincRNA	chr3	1.94E+08	1.94E+08	-	0	0
ENSG00000100000	AC017002	lincRNA	chr2	1.12E+08	1.12E+08	+	0	0
ENSG00000100000	AL773572	antisense	chr21	41176322	41186788	-	0	0
ENSG00000100000	SNHG23	lincRNA	chr14	1.01E+08	1.01E+08	+	1.72	1.57
ENSG00000100000	RP11-242C	lincRNA	chr1	29144494	29146994	-	0	0
ENSG00000100000	AC087501	antisense	chr17	9452197	9470014	+	0	0
ENSG00000100000	RP1-45I4.2	antisense	chr6	1.43E+08	1.43E+08	-	0	0
ENSG00000100000	RP11-267N	processed	chr1	1.63E+08	1.63E+08	+	0	0
ENSG00000100000	DBH-AS1	antisense	chr9	1.34E+08	1.34E+08	-	0.49	0.23
ENSG00000100000	RPS17P17	processed	chrX	1.4E+08	1.4E+08	-	0	0
ENSG00000100000	LINC00489	lincRNA	chr20	37619298	37623119	-	0	0
ENSG00000100000	LINC00431	transcribed	chr13	1.11E+08	1.11E+08	+	0.05	0
ENSG00000100000	RP11-417C	sense_intronic	chr10	74005137	74027915	+	0	0
ENSG00000100000	LINC01389	antisense	chr1	47380928	47408477	-	0	0
ENSG00000100000	P3H2-AS1	antisense	chr3	1.9E+08	1.9E+08	+	0.13	0.1
ENSG00000100000	LINC01831	lincRNA	chr2	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	DHRS4L1	processed	chr14	24036453	24051370	+	0.18	0.09
ENSG00000100000	RP5-850O1	antisense	chr1	50461469	50471150	+	0	0
ENSG00000100000	RP11-127C	lincRNA	chr10	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	CROCCP1	processed	chrX	1.35E+08	1.35E+08	+	0	0
ENSG00000100000	RPS29P3	processed	chr3	1.97E+08	1.97E+08	+	0	0
ENSG00000100000	SIRPAP1	processed	chr22	30542536	30544305	+	2.01	2.01
ENSG00000100000	RP11-354I1	lincRNA	chr6	9124221	9161777	-	0	0
ENSG00000100000	DDX39AP1	processed	chr13	22704739	22706206	-	0	0
ENSG00000100000	PROSER2-A	antisense	chr10	11849608	11894700	-	0	0.04
ENSG00000100000	RP4-603I14	processed	chr1	46370586	46370955	+	0	0
ENSG00000100000	OR6V1	protein_coding	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000100000	MIAT	lincRNA	chr22	26646428	26676475	+	1.27	1.38
ENSG00000100000	RP4-583K8	lincRNA	chr20	52451464	52455619	-	0	0
ENSG00000100000	LSM3P3	processed	chr2	85102389	85102694	-	0	0
ENSG00000100000	RP11-2L8.1	lincRNA	chr3	1.78E+08	1.78E+08	+	0	0.14
ENSG00000100000	TRAM2-AS	lincRNA	chr6	52577307	52583993	+	4.57	6.22
ENSG00000100000	AC004540	antisense	chr7	26372144	26376701	-	0	0
ENSG00000100000	RP1-234P1	lincRNA	chr6	75285014	75297003	+	0.45	0.62
ENSG00000100000	AC073321	lincRNA	chr2	2.17E+08	2.17E+08	+	0	0
ENSG00000100000	RP11-395G	processed	chr7	1.23E+08	1.23E+08	+	0	0
ENSG00000100000	MTND4P23	unprocessed	chr2	2.01E+08	2.01E+08	-	0	0
ENSG00000100000	UBDP1	unprocessed	chr6	29464596	29469806	-	0	0
ENSG00000100000	AC025918	antisense	chr15	58889967	58894082	+	0	0
ENSG00000100000	RABEPK1	processed	chr13	71296210	71297235	+	0	0
ENSG00000100000	WARSP1	unprocessed	chr11	59255360	59259486	+	0	0
ENSG00000100000	MRPS11P1	processed	chr20	20854121	20854642	-	0	0
ENSG00000100000	CTD-2313N	protein_coding	chr11	71878453	71884561	+	0	0

ENSG0000(RP1-309F2) antisense	chr20	58863528	58888809	-	0.51	0.21
ENSG0000(RP11-44M) lincRNA	chr7	1.01E+08	1.01E+08	+	0	0
ENSG0000(DNAJC19P) processed	chr2	1.77E+08	1.77E+08	-	0.97	0
ENSG0000(RBMY2KP) unprocessed	chrY	8264449	8277188	-	0	0
ENSG0000(RP11-547I) antisense	chr1	1.9E+08	1.9E+08	+	0	0
ENSG0000(AC009299) processed	chr2	1.61E+08	1.61E+08	+	0	0.3
ENSG0000(GRPEL2P2) processed	chrX	64697878	64698547	-	0	0
ENSG0000(AC092669) lincRNA	chr2	66327349	66328984	+	0	0
ENSG0000(GTF3AP5) processed	chr7	14985378	14986074	-	0	0
ENSG0000(AC118653) lincRNA	chr17	71596338	71597279	+	0	0
ENSG0000(AC013269) antisense	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(UBXN7-AS) antisense	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RPL7P45) processed	chr13	1.05E+08	1.05E+08	+	0	0
ENSG0000(IGHD6-25) IG_D_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(LINC00626) lincRNA	chr1	1.69E+08	1.69E+08	+	0	0
ENSG0000(SFTPA3P) processed	chr10	79595294	79595660	-	0	0
ENSG0000(FAM229A) protein_co	chr1	32361270	32364278	-	2.6	2.39
ENSG0000(ERCC6) protein_co	chr10	49455368	49539538	-	17.17	15.07
ENSG0000(RPS18P1) processed	chr20	5532878	5533335	+	0	0
ENSG0000(RP3-348I2) processed	chr6	20722328	20723655	-	0	0
ENSG0000(GS1-594A7) antisense	chrX	15602881	15621484	+	0	0
ENSG0000(RP11-80H5) lincRNA	chr10	89646289	89650822	-	0	0
ENSG0000(TRMT2B-A) sense_ove	chrX	1.01E+08	1.01E+08	-	0	0
ENSG0000(AC010970) processed	chrY	10197256	10199103	-	0	0.03
ENSG0000(AC139712) processed	chr2	52474073	52474411	-	0	0
ENSG0000(NIPA2P1) processed	chr7	91320128	91321103	-	0	0
ENSG0000(RP11-630D) processed	chr4	76036750	76037064	-	0	0
ENSG0000(MKRN7P) transcribed	chr20	46463719	46477232	-	0	0
ENSG0000(RP11-452K) antisense	chr10	97334564	97343203	+	0	0.09
ENSG0000(HLA-S) unprocessed	chr6	31382074	31382288	-	0	0
ENSG0000(RP11-569G) processed	chr1	26326688	26327033	+	0	0
ENSG0000(RUSC1-AS1) antisense	chr1	1.55E+08	1.55E+08	-	0.55	0.49
ENSG0000(PCNPP2) processed	chr9	88970887	88971341	-	0	0
ENSG0000(RP11-46A1) lincRNA	chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(RP1-172N1) processed	chrX	72660470	72660719	+	0	0
ENSG0000(LINC02072) lincRNA	chr17	51336715	51342571	+	0.06	0.12
ENSG0000(HCG4P11) unprocessed	chr6	29722981	29723971	-	0	0.07
ENSG0000(RP5-1177I5) antisense	chr22	37550026	37551735	+	0	0
ENSG0000(AC016582) transcribed	chr19	37823722	37855215	-	0	0
ENSG0000(CTB-70D19) processed	chr5	1.44E+08	1.44E+08	-	0	0
ENSG0000(LINC00368) lincRNA	chr13	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-495P) processed	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(LINC01529) transcribed	chr19	35785697	35797902	-	0	0.25
ENSG0000(LINC00694) protein_co	chr3	44421127	44439946	-	0.09	0.1
ENSG0000(AC024067) unprocessed	chrY	26244351	26244573	-	0	0

ENSG00000108881	PSG8-AS1	lincRNA	chr19	42821863	42826878	+	0	0
ENSG00000108882	SERBP1P2	processed_transcript	chrY	4801685	4802848	-	0	0
ENSG00000108883	RP3-495K2	lincRNA	chr6	1.69E+08	1.69E+08	-	0	0
ENSG00000108884	LINC00115	lincRNA	chr1	826206	827522	-	1.31	2.22
ENSG00000108885	AC009365	antisense	chr7	1.33E+08	1.33E+08	+	0	0
ENSG00000108886	LINC01456	lincRNA	chrX	17970197	18104644	-	0	0
ENSG00000108887	BMS1P11	unprocessed_transcript	chr9	64705734	64709311	-	0.7	0.1
ENSG00000108888	AC098872	antisense	chr2	1.92E+08	1.92E+08	+	0	0
ENSG00000108889	AC023590	antisense	chr8	1.18E+08	1.18E+08	+	0.73	0
ENSG00000108890	RP11-288L1	antisense	chr1	27669468	27703063	+	0	0
ENSG00000108891	AC074289	antisense	chr2	64143239	64252859	+	0.53	0.2
ENSG00000108892	RP3-476K8	antisense	chr1	26462756	26467282	-	0	0
ENSG00000108893	RP11-6J24	processed_transcript	chr9	4633027	4633756	+	0	0
ENSG00000108894	TRAPP2P1	unprocessed_transcript	chrY	18105314	18108102	+	0	0
ENSG00000108895	AC007742	processed_transcript	chrY	17726752	17727080	+	0	0
ENSG00000108896	AC002075	processed_transcript	chr7	93777839	93778514	+	0	0
ENSG00000108897	FRG2B	protein_coding	chr10	1.34E+08	1.34E+08	-	0	0
ENSG00000108898	HSPE1P13	processed_transcript	chr2	39098149	39098445	-	0	0
ENSG00000108899	MTND2P9	unprocessed_transcript	chr9	80565032	80565962	-	0	0
ENSG00000108900	RP1-144F1	antisense	chr1	39633416	39633903	+	0	0
ENSG00000108901	MORF4L1P	processed_transcript	chr1	1.76E+08	1.76E+08	-	0	0
ENSG00000108902	RP4-758J1	antisense	chr1	1420245	1422691	+	0	0.15
ENSG00000108903	AP000949	processed_transcript	chr21	22882582	22884000	+	0	0
ENSG00000108904	RPS27P16	processed_transcript	chr7	30167804	30168004	+	0	0
ENSG00000108905	AC009310	processed_transcript	chr2	2.2E+08	2.2E+08	-	0	0
ENSG00000108906	RP13-258C	processed_transcript	chrX	92676519	92676954	-	0	0
ENSG00000108907	RP11-57C1	lincRNA	chr10	87607985	87659279	+	0	0
ENSG00000108908	XXbac-BPG	antisense	chr6	32255711	32265838	+	2.54	2.78
ENSG00000108909	AC007879	lincRNA	chr2	2.07E+08	2.07E+08	+	0.52	0.29
ENSG00000108910	RPL7P59	processed_transcript	chr7	1.45E+08	1.45E+08	-	0	0.07
ENSG00000108911	LINC01745	lincRNA	chr1	2.33E+08	2.33E+08	+	0	0
ENSG00000108912	RIMKLBP2	processed_transcript	chr1	2.19E+08	2.19E+08	-	0	0
ENSG00000108913	NOL7	protein_coding	chr6	13615327	13632739	+	27.13	27.86
ENSG00000108914	RPL21P92	processed_transcript	chr10	67793770	67794245	+	0	0
ENSG00000108915	RP4-736I1	processed_transcript	chr1	96390652	96391393	+	0	0
ENSG00000108916	RP1-111D6	lincRNA	chr6	1.49E+08	1.49E+08	-	0	0
ENSG00000108917	RP13-313G	processed_transcript	chrX	68474710	68476874	+	0	0
ENSG00000108918	CACYBPP1	processed_transcript	chr10	84454679	84456056	-	0	0
ENSG00000108919	AC000036	antisense	chr22	50735825	50738139	-	0	0
ENSG00000108920	DKFZP434L	lincRNA	chr15	30196036	30214540	+	0.01	0
ENSG00000108921	RP3-395M	TEC	chr1	2566410	2569888	+	0	0.1
ENSG00000108922	CTAGE4	protein_coding	chr7	1.44E+08	1.44E+08	+	0.46	0.44
ENSG00000108923	AC133965	processed_transcript	chr2	87654890	87655243	+	0	0
ENSG00000108924	RP4-566D2	processed_transcript	chr1	2.28E+08	2.28E+08	-	0	0
ENSG00000108925	BANF1P5	processed_transcript	chr7	1.08E+08	1.08E+08	-	0	0

ENSG00000180100	RP11-501J2	antisense	chr10	1.17E+08	1.17E+08	-	0	0
ENSG00000180101	PCA3	antisense	chr9	76764436	76787569	+	0.03	0.01
ENSG00000180102	RP4-575N6	antisense	chr1	1.01E+08	1.01E+08	-	0.42	0
ENSG00000180103	C5orf67	protein_co	chr5	56511567	56606232	-	0	0
ENSG00000180104	LINC01875	lincRNA	chr2	545805	546667	+	0	0
ENSG00000180105	AC016907	processed	chr2	30077093	30078272	+	0	0
ENSG00000180106	RIOK3P1	processed	chr13	74828553	74830080	+	0	0
ENSG00000180107	RP3-441A1	antisense	chr6	37815777	37819218	-	0	0
ENSG00000180108	RP11-313E	processed	chr9	72470374	72471076	+	0	0
ENSG00000180109	RP11-554I8	lincRNA	chr10	6618716	6625346	+	0	0
ENSG00000180110	RP3-358H7	processed	chrX	1.33E+08	1.33E+08	-	0	0
ENSG00000180111	NTF4	protein_co	chr19	49061066	49065054	-	0.55	0.25
ENSG00000180112	ODF2-AS1	antisense	chr9	1.28E+08	1.28E+08	-	0	0
ENSG00000180113	RP11-69E9	antisense	chr1	22835713	22836849	-	0	0
ENSG00000180114	SATB2-AS1	antisense	chr2	1.99E+08	1.99E+08	+	0	0
ENSG00000180115	RP5-1077I2	antisense	chr20	13244064	13245369	-	0	0
ENSG00000180116	CTD-2267C	unprocessε	chrX	52382053	52385614	+	0	0
ENSG00000180117	MTND4P3	unprocessε	chr7	68266319	68266859	-	0	0
ENSG00000180118	RP11-360A	lincRNA	chr9	1.2E+08	1.2E+08	+	0	0
ENSG00000180119	AC009950	antisense	chr2	2.3E+08	2.3E+08	+	0.25	0.05
ENSG00000180120	NRIR	antisense	chr2	6828514	6840464	-	0	0
ENSG00000180121	RP11-508N	processed	chr10	38161570	38161749	+	0	0
ENSG00000180122	ELFN1	protein_co	chr7	1688119	1747954	+	0.04	0.05
ENSG00000180123	ABHD11-A	antisense	chr7	73735038	73736054	+	0.51	1.41
ENSG00000180124	RP3-526F5	lincRNA	chrX	1.44E+08	1.44E+08	+	0	0
ENSG00000180125	CTA-85E5	processed	chr22	30136673	30137681	-	0	0
ENSG00000180126	MTND1P2	unprocessε	chr1	629062	629433	+	0.27	0
ENSG00000180127	PIGBOS1	protein_co	chr15	55317184	55319161	-	8.78	9.16
ENSG00000180128	AC005550	lincRNA	chr7	15689075	15690854	-	0	0
ENSG00000180129	LINC01534	lincRNA	chr19	36685440	36687449	-	0.64	1.63
ENSG00000180130	CKS1BP2	processed	chr10	29697935	29698174	+	0	0
ENSG00000180131	HAR1A	lincRNA	chr20	63102205	63104386	+	0.06	0.23
ENSG00000180132	AC010746	antisense	chr2	1.97E+08	1.97E+08	+	0	0
ENSG00000180133	OR7E19P	transcribed	chr19	9265440	9266283	-	0	0
ENSG00000180134	AC102953	antisense	chr7	1459937	1464008	+	0.3	0.33
ENSG00000180135	RP11-538D	lincRNA	chr1	1.82E+08	1.82E+08	+	0	0
ENSG00000180136	HMGB1P2	processed	chr1	2.3E+08	2.3E+08	-	0	0
ENSG00000180137	UBXN10-A	antisense	chr1	20184242	20186486	-	0	0
ENSG00000180138	LAMP5-AS	antisense	chr20	9505180	9514998	-	0	0
ENSG00000180139	SNRPEP7	processed	chr1	27211265	27211484	+	0	0
ENSG00000180140	RPL23AP34	processed	chr2	28308161	28308570	+	0.2	0
ENSG00000180141	TRGVA	TR_V_pseu	chr7	38322446	38322730	-	0	0
ENSG00000180142	OR4A8	polymorph	chr11	54682877	54683821	+	0	0
ENSG00000180143	NDUFA12P	processed	chr13	1E+08	1E+08	-	0	0
ENSG00000180144	GTF2IP14	unprocessε	chr7	65084103	65100232	+	0	0.13

ENSG0000(RP11-312J):processed_chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-10J5).lincRNA_chr6	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-464C).lincRNA_chr10	3934519	3935813	+	0	0
ENSG0000(RP11-211N).lincRNA_chr9	62532337	62534724	+	0.86	0.19
ENSG0000(SEPT14P3).unprocessed_chr3	1.98E+08	1.98E+08	+	0	0
ENSG0000(KCNIP2-AS).antisense_chr10	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-403E).processed_chrX	64144872	64147052	-	0.1	0
ENSG0000(OFD1P1Y).unprocessed_chrY	17809807	17825329	+	0	0
ENSG0000(AP001434).lincRNA_chr21	38237217	38238201	-	0	0
ENSG0000(MRPS18BP).processed_chr1	2.16E+08	2.16E+08	-	0	0
ENSG0000(RP11-467I2).processed_chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(CCT8P1).processed_chr1	1.47E+08	1.47E+08	-	0.1	0.26
ENSG0000(RPL36AP55).processed_chr10	27904209	27905162	+	0	0
ENSG0000(PRICKLE2-1).antisense_chr3	64187544	64200965	+	0.05	0.11
ENSG0000(CDK2AP2P).processed_chr9	63774870	63775241	-	0	0
ENSG0000(AC026167).lincRNA_chr3	6148484	6365885	+	0	0
ENSG0000(CT47A6).protein_code_chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(COX5BP7).processed_chr22	39120293	39120566	-	0	0.13
ENSG0000(LGALS17A).transcribed_chr19	39679374	39686373	+	0	0
ENSG0000(RP11-57H1).antisense_chr1	95163219	95233982	-	0.34	0.35
ENSG0000(PFN1P12).processed_chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(LINC01772).lincRNA_chr1	16460948	16468481	+	0.18	0.2
ENSG0000(HLA-DQB3).unprocessed_chr6	32730758	32731695	-	0	0
ENSG0000(FGF13-AS1).antisense_chrX	1.39E+08	1.39E+08	+	0	0
ENSG0000(RP1-111C2).lincRNA_chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(NANOGNB).processed_chr2	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-338C).processed_chr1	2.13E+08	2.13E+08	+	0	0
ENSG0000(LINC01040).lincRNA_chr13	89477608	89500509	-	0	0
ENSG0000(PPIAP21).processed_chr20	43230760	43231260	+	0	0
ENSG0000(AC005740).processed_chr5	1.42E+08	1.42E+08	-	0	0
ENSG0000(AC010745).lincRNA_chr2	16202430	16204226	+	0	0
ENSG0000(CDY10P).unprocessed_chrY	21637475	21639041	-	0	0
ENSG0000(AP000705).lincRNA_chr21	22209939	22420819	+	0	0
ENSG0000(AC009274).processed_chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(AP1S2P1).processed_chr7	97437518	97437896	+	0	0
ENSG0000(RP11-196I1).lincRNA_chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(YBX1P8).processed_chrX	46684765	46685707	-	0	0
ENSG0000(TLK2P1).processed_chr17	34036681	34039872	-	0.04	0
ENSG0000(ZNF503-AS).lincRNA_chr10	75269819	75373500	+	0	0
ENSG0000(LINC01776).lincRNA_chr1	98210747	98272658	+	0.02	0
ENSG0000(MEMO1P1).processed_chr21	36130489	36131376	+	0	0
ENSG0000(PAICSP1).processed_chr9	37878116	37879493	+	0.1	0.16
ENSG0000(MTND4P32).processed_chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(PHF2P2).transcribed_chr13	18946755	19062718	-	0	0
ENSG0000(AC092570).processed_chr2	1.01E+08	1.01E+08	+	0	0

ENSG0000(HMGB3P2) processed_chr7	26982768	26983367	-	0	0
ENSG0000(PCMTD1P1) unprocessed_chrY	10173853	10174207	+	0	0
ENSG0000(AC009531) lincRNA_chr7	35258381	35259729	-	0	0
ENSG0000(PGBD4P6) processed_chrX	1.43E+08	1.43E+08	+	0	0
ENSG0000(ZBTB45P2) processed_chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC009541) processed_chr7	1.36E+08	1.36E+08	+	0	0
ENSG0000(LINC00623) lincRNA_chr1	1.21E+08	1.21E+08	+	3.04	3.68
ENSG0000(HNRNPA3F) processed_chr6	48149203	48150005	-	0	0
ENSG0000(RP11-552E) lincRNA_chr6	40358744	40369474	-	0	0
ENSG0000(AC016772) processed_chr2	1.7E+08	1.7E+08	-	0	0
ENSG0000(PRSS44) transcribed_chr3	46809359	46812558	-	0	0
ENSG0000(PHKG1P1) unprocessed_chr7	63233035	63234245	-	0	0
ENSG0000(RP11-205K) lincRNA_chr9	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP3-399L1) lincRNA_chr6	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-345J) processed_chr2	11102142	11102997	+	0	0
ENSG0000(USP12PX) processed_chrX	90112650	90113706	+	0	0
ENSG0000(RP11-24H1) processed_chr3	62926371	62926882	+	0	0
ENSG0000(SLC39A12-) antisense_chr10	18001786	18010562	-	0	0
ENSG0000(RP4-706A1) processed_chr1	77129114	77129668	+	0	0.22
ENSG0000(UQCRFS1P) processed_chr22	39875289	39876108	+	3.46	1.75
ENSG0000(EIF3LP3) processed_chr10	38080056	38080877	-	0	0
ENSG0000(AC106869) lincRNA_chr2	47225794	47239225	+	0	0
ENSG0000(RP11-180C) antisense_chr1	70359562	70360437	-	0	0
ENSG0000(RP1-300G1) sense_intronic_chr6	81527102	81534915	-	0	0
ENSG0000(LINC00937) lincRNA_chr12	8295986	8396803	-	0.45	2.54
ENSG0000(RBMY2AP) unprocessed_chrY	21927521	21937150	-	0	0
ENSG0000(RPS28P8) processed_chr13	42003430	42003637	+	0	0
ENSG0000(RPL7P3) processed_chr20	62572671	62573384	+	0	0
ENSG0000(AC087499) processed_chr17	20609462	20609610	-	0	0
ENSG0000(AC099342) lincRNA_chr7	20296708	20311712	+	0	0
ENSG0000(SEC11B) processed_chr8	54522799	54523297	-	0	0
ENSG0000(LINC02097) lincRNA_chr17	72072333	72093481	+	0	0
ENSG0000(SEPT7P3) unprocessed_chr7	35946294	35972587	+	0	0
ENSG0000(AC004383) processed_chrX	1.35E+08	1.35E+08	+	0.38	0
ENSG0000(RAB28P1) processed_chr9	39734670	39735628	+	0	0
ENSG0000(RP11-272G) processed_chrX	53768986	53769219	-	0	0
ENSG0000(FCF1P4) processed_chrX	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-672F) transcribed_chr10	38247922	38333155	+	0	0
ENSG0000(NDUFB4P5) processed_chr2	86934462	86934822	-	0	0
ENSG0000(AP001476) lincRNA_chr21	46056516	46057567	+	0	0
ENSG0000(USP9YP6) unprocessed_chrY	17912699	17921630	-	0	0
ENSG0000(AC079199) processed_chr17	39839369	39839524	-	0	0
ENSG0000(MTND3P1) processed_chr13	22113119	22113338	-	0	0
ENSG0000(RP1-197J1) processed_chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(AC009487) processed_chr2	1.62E+08	1.62E+08	-	0	0.01

ENSG0000(DDC-AS1 antisense chr7	50531759	50543463	+	0	0
ENSG0000(FTCDNL1 protein_co chr2	2E+08	2E+08	-	0.16	0
ENSG0000(LINC01907 lincRNA chr2	2.31E+08	2.31E+08	-	0	0.02
ENSG0000(PSMC1P12 processed_chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(RPL26P9 processed_chr1	97585862	97586294	+	0	0
ENSG0000(AC013248.lincRNA chr17	14725729	14729686	+	0	0
ENSG0000(AC073465.processed_chr2	1.73E+08	1.73E+08	-	0	0
ENSG0000(RPS3AP46 processed_chr14	53612724	53613405	+	0	0
ENSG0000(RP4-683M.lincRNA chr1	48050659	48091736	+	0	0
ENSG0000(RP11-120E lincRNA chr13	97675011	97677963	-	0	0
ENSG0000(BAIAP2-AS.lincRNA chr17	81029130	81034881	-	7.21	7.23
ENSG0000(RP1-228P1 processed_chr12	48085062	48085421	+	0	0
ENSG0000(RP11-461K lincRNA chr10	16278701	16295858	+	0	0
ENSG0000(AF277315.unprocessε chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RPL35P8 processed_chr22	49213911	49214247	-	0	0
ENSG0000(RP1-138B7 antisense chr20	43549389	43550949	-	0	0
ENSG0000(RPS27AP3 processed_chr20	37049254	37049707	+	0	0
ENSG0000(KRT16P6 transcribec chr17	16817983	16822579	-	0	0
ENSG0000(TUBBP10 processed_chr1	52994726	52996026	+	0.35	0.15
ENSG0000(SLC25A39P processed_chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(RP1-69D17 lincRNA chr6	1.3E+08	1.3E+08	-	0	0.2
ENSG0000(RP3-389A2 processed_chrX	17705339	17705691	-	0	0
ENSG0000(AC124944.antisense chr3	1.96E+08	1.96E+08	+	0	0.12
ENSG0000(RPL23AP7ε processed_chr17	14947741	14948198	-	0	0
ENSG0000(OR52E3P unprocessε chr11	5092676	5093611	+	0	0
ENSG0000(CLCP2 processed_chr13	1.14E+08	1.14E+08	+	0	0
ENSG0000(LINC01375 lincRNA chr10	89915489	89957373	-	0	0
ENSG0000(LA16c-17H processed_chr22	16405330	16405417	+	0	0
ENSG0000(EIF4A1P5 processed_chr13	36938400	36939494	-	0	0
ENSG0000(RP11-167P antisense chr10	72501746	72502956	+	0	0
ENSG0000(FGFR3P6 processed_chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(RP11-474C processed_chr1	12692909	12693020	+	0	0
ENSG0000(AP4B1-AS1 antisense chr1	1.14E+08	1.14E+08	+	0.13	0
ENSG0000(RP11-564C processed_chr10	50695592	50695981	+	0	0
ENSG0000(RP11-375H antisense chr22	27716480	27721677	+	0	0
ENSG0000(RP4-712E4 lincRNA chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(TEX22 protein_co chr14	1.05E+08	1.05E+08	+	0.52	0.14
ENSG0000(LINC00685 antisense chrX	320990	321851	+	1.04	1.25
ENSG0000(LINC00685 antisense chrY	320990	321851	+	1.04	1.25
ENSG0000(RP11-278A lincRNA chr16	87693537	87696147	-	0.04	0.05
ENSG0000(RP1-92C8.3 antisense chr6	1.17E+08	1.17E+08	-	0	0
ENSG0000(RANP7 processed_chr3	22904135	22905151	+	0	0
ENSG0000(TRIM64FP unprocessε chr2	95514827	95520107	+	0	0
ENSG0000(ELOCP21 processed_chr2	70955899	70956234	-	0	0
ENSG0000(HNRNPA1P processed_chr20	45745737	45746287	-	0.26	0.14

ENSG0000(CLK3P2 processed_ chr1	2.48E+08	2.48E+08 -	0.04	0
ENSG0000(RP3-398G3 antisense chr6	1.52E+08	1.52E+08 +	0	0
ENSG0000(RP1-137D1 lincRNA chr6	1.69E+08	1.69E+08 -	0.26	0
ENSG0000(GAPDHP75 processed_ chr1	1.89E+08	1.89E+08 -	0	0
ENSG0000(RP11-536C lincRNA chr9	13446491	13487511 +	0.43	0.16
ENSG0000(RP11-12D5 processed_ chrX	27832175	27833204 +	0	0
ENSG0000(SGMS1-AS: antisense chr10	50624951	50641451 +	0.6	0.65
ENSG0000(LINC01733 lincRNA chr20	25955812	25969288 +	0.01	0
ENSG0000(AL157359.: lincRNA chr21	18953264	18967058 -	0	0
ENSG0000(AC007790. processed_ chr7	1.34E+08	1.34E+08 -	0.16	0.18
ENSG0000(RP5-1050E lincRNA chr9	89799695	89821753 +	0	0
ENSG0000(RP1-104O1 lincRNA chr6	97710953	97717197 -	0	0
ENSG0000(RP11-99H8 lincRNA chr1	70715933	70720289 -	0	0
ENSG0000(C8orf59P1 processed_ chr10	13308145	13308447 -	0	0
ENSG0000(ABC7-4238 unprocessε chr12	14522	32015 -	2.42	2.13
ENSG0000(RP11-453C processed_ chr1	2.21E+08	2.21E+08 -	0	0
ENSG0000(TRGV6 TR_V_pseu chr7	38340700	38340998 -	0	0
ENSG0000(UBQLN4P2 processed_ chr2	1.53E+08	1.53E+08 +	0	0
ENSG0000(RPS12P5 processed_ chr3	29390848	29391218 +	0	0
ENSG0000(RPL19P1 processed_ chr20	2780614	2781041 +	0	0
ENSG0000(AC079163. lincRNA chr2	1.46E+08	1.46E+08 -	0	0
ENSG0000(CICP22 processed_ chr7	39796593	39797911 -	0	0
ENSG0000(RPL26P19 processed_ chr5	56504635	56505072 -	0	0
ENSG0000(RP11-753E processed_ chrX	24632257	24632601 +	0	0
ENSG0000(TSPY16P unprocessε chrY	9640249	9640716 -	0	0
ENSG0000(PRELID3BP processed_ chr1	2.2E+08	2.2E+08 +	0	0
ENSG0000(RPLP0P1 processed_ chr20	16586333	16586693 -	0	0
ENSG0000(AC007237. processed_ chr7	78486530	78487028 +	0	0
ENSG0000(NPIPB14P transcribec chr16	69976388	69996188 -	0.29	1.25
ENSG0000(RP1-151B1 processed_ chr22	37215738	37215891 -	0	0
ENSG0000(KRT18P24 processed_ chr9	79036413	79037568 -	0	0
ENSG0000(LEMD1-AS: antisense chr1	2.05E+08	2.05E+08 +	0	0.02
ENSG0000(GAS1RR lincRNA chr9	86948699	87002033 +	0.3	0.31
ENSG0000(AC132807. lincRNA chr3	17990023	17995544 +	0	0
ENSG0000(RP1-310O1 antisense chr20	32027753	32031575 -	0	0
ENSG0000(LINC00381 lincRNA chr13	74419173	74435159 +	0	0
ENSG0000(LLOXNC01- processed_ chrX	1.03E+08	1.03E+08 +	0	0
ENSG0000(RPS17P8 processed_ chr2	1.93E+08	1.93E+08 +	0	0
ENSG0000(RPL37AP1 processed_ chr20	44466564	44466842 -	0	0
ENSG0000(ZNF32-AS1 antisense chr10	43643872	43645047 +	0	0
ENSG0000(KRT18P36 processed_ chr9	30799471	30800746 -	0	0
ENSG0000(SUPT4H1P: processed_ chr2	75651288	75651627 -	0	0
ENSG0000(RP11-307P lincRNA chr6	1.48E+08	1.48E+08 -	0	0
ENSG0000(LINC00408 lincRNA chr13	18905439	18907810 +	0	0
ENSG0000(RP11-151I1 lincRNA chr1	2.12E+08	2.12E+08 -	0	0

ENSG0000(RP1-18D14 antisense chr1	47225797	47230750	+	0	0
ENSG0000(MRPL35P3 processed_chr10	74527584	74527947	+	0	0
ENSG0000(PTP4A1P3 processed_chr7	91107374	91107793	+	0	0
ENSG0000(UBE2V2P1 processed_chr10	19051455	19052170	+	0	0
ENSG0000(GRM7-AS3 lincRNA chr3	6631689	6805449	-	0	0
ENSG0000(GTF2H2B transcribed chr5	70415352	70448015	+	4.79	3.88
ENSG0000(AC064836. processed_chr2	2.02E+08	2.02E+08	-	0	0
ENSG0000(PHKBP1 processed_chr20	8097824	8099774	-	0	0
ENSG0000(ISM1-AS1 antisense chr20	13237801	13239674	-	0	0
ENSG0000(AC009961. lincRNA chr2	1.6E+08	1.6E+08	-	0.84	0.48
ENSG0000(RP11-61N2 processed_chr11	49433480	49434438	-	0.34	0.04
ENSG0000(ZNF736P2) processed_chrY	24683657	24684935	+	0	0
ENSG0000(ARHGAP26 antisense chr5	1.43E+08	1.43E+08	-	0	0
ENSG0000(AC079305. processed_chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(AC093382. lincRNA chr2	2.16E+08	2.16E+08	-	0	0
ENSG0000(AC105393. lincRNA chr2	421057	422303	+	0	0
ENSG0000(PSPHP1 unprocessed chr7	55764797	55773288	+	0	0
ENSG0000(RPL12P10 processed_chr7	22881893	22882390	+	0.3	0
ENSG0000(RP6-22P16 processed_chrX	67373573	67375520	+	0	0
ENSG0000(RP1-80N2. lincRNA chr6	6692744	6711002	-	0	0
ENSG0000(ARPC3P1 processed_chr20	49134480	49135012	+	0	0
ENSG0000(NUP35P2 processed_chr7	79543911	79544853	-	0	0
ENSG0000(RP1-163G9 antisense chr1	3132927	3133709	-	0	0
ENSG0000(TMEM191 transcribed chr22	20701114	20704606	+	1.63	2.9
ENSG0000(OR52I2 protein_code chr11	4586791	4587905	+	0	0
ENSG0000(CDCA4P3 unprocessed chr1	2.08E+08	2.08E+08	+	0	0
ENSG0000(AC091729. antisense chr7	1080863	1082178	+	0	0
ENSG0000(RP11-7G12 processed_chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(RP11-71J2. lincRNA chr10	53291072	53311065	-	0	0
ENSG0000(AC007677. processed_chr2	2.29E+08	2.29E+08	+	0	0
ENSG0000(RAD23BLP processed_chr21	15694300	15696581	-	0	0
ENSG0000(RPSAP62 processed_chrX	53322990	53323822	+	0	0
ENSG0000(PDCL3P1 processed_chr8	60387262	60387995	+	0	0
ENSG0000(RP11-528N lincRNA chr3	40603125	40605427	-	0	0
ENSG0000(RP11-435N antisense chr10	25924448	25933710	-	0	0
ENSG0000(NPY6R transcribed chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000(HNRNPDLP processed_chrX	95638375	95638924	+	0	0
ENSG0000(RP4-813D1 lincRNA chr20	57266797	57282998	+	0	0
ENSG0000(SMARCE1P processed_chr6	84429584	84430802	-	0	0
ENSG0000(RP3-323P2 antisense chrX	57121662	57127243	+	0.1	0
ENSG0000(CFLAR-AS1 antisense chr2	2.01E+08	2.01E+08	-	0.36	0.57
ENSG0000(MTCYBP12 processed_chrX	5169512	5170645	+	0	0
ENSG0000(ZNF192P1 transcribed chr6	28161781	28169594	+	1.79	0.55
ENSG0000(LINC00351 lincRNA chr13	85363601	85544570	+	0	0
ENSG0000(RPS3AP38 processed_chr10	67960702	67961464	-	0.42	0.65

ENSG0000(LINC01811 lincRNA chr3	34159334	34562877	+	0	0
ENSG0000(CROCC2 protein_co chr2	2.41E+08	2.41E+08	+	0.02	0.13
ENSG0000(AC006150. antisense chr7	14814131	14816565	+	0	0
ENSG0000(RP11-115N processed_ chr1	71367054	71367303	-	0	0
ENSG0000(RPSAP49 processed_ chr9	88324454	88325339	+	0	0
ENSG0000(NUP50-AS1 lincRNA chr22	45133020	45163781	-	2.99	3.19
ENSG0000(AC005682. unprocessε chr7	22863874	22881350	-	0	0
ENSG0000(RP11-739N antisense chr1	2.04E+08	2.04E+08	+	0	0
ENSG0000(RPL23AP2ε processed_ chr2	2.22E+08	2.22E+08	-	0	0
ENSG0000(RP11-157P antisense chr20	62305432	62306325	-	0	0.11
ENSG0000(RP11-217B antisense chr9	1.05E+08	1.05E+08	+	0.99	0.73
ENSG0000(MRPS16P3 processed_ chr22	35703803	35704176	+	0	0
ENSG0000(RP11-274B lincRNA chr9	68541036	68644442	+	0	0
ENSG0000(AC079150. processed_ chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(RPS26P56 processed_ chrX	1.29E+08	1.29E+08	+	0	0
ENSG0000(AC105402. processed_ chr2	1.49E+08	1.49E+08	-	0	0
ENSG0000(MTCYBP39 processed_ chr2	1.17E+08	1.17E+08	+	0	0
ENSG0000(NMD3P1 processed_ chr7	63908966	63910453	-	0	0
ENSG0000(CST12P unitary_psι chr20	23475700	23479798	+	0	0
ENSG0000(AC083822. processed_ chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(VN2R10P unitary_psι chr16	77220406	77221258	+	0	0
ENSG0000(RP11-145A sense_intrε chr1	2.26E+08	2.26E+08	-	0	0
ENSG0000(PSPC1-AS2 antisense chr13	19674624	19675884	+	0	0
ENSG0000(TAF9P1 processed_ chrY	17628513	17629402	+	0	0
ENSG0000(RP11-65J3. lincRNA chr9	1.29E+08	1.29E+08	+	0.32	0.09
ENSG0000(RPS6P20 unprocessε chr12	1.31E+08	1.31E+08	-	0.27	0.97
ENSG0000(KRT8P38 processed_ chr10	88727485	88728914	+	0	0
ENSG0000(ACTG1P24 processed_ chr17	17242010	17242886	+	0.14	0
ENSG0000(RPL10AP6 processed_ chr3	61742455	61743106	-	0	0
ENSG0000(TERF1P5 processed_ chr13	18680494	18681700	+	0	0
ENSG0000(FAM41AY2 lincRNA chrY	18390994	18405046	-	0	0
ENSG0000(HAGLROS lincRNA chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(LINC02089 lincRNA chr17	52862121	52899588	+	0	0
ENSG0000(AC097463. processed_ chr2	51926882	51927362	-	0	0
ENSG0000(ST7-AS2 antisense chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(USP9YP11 unprocessε chrY	23934953	23940101	+	0	0
ENSG0000(LINC00375 lincRNA chr13	85065087	85078920	-	0	0
ENSG0000(DCAF8L1 protein_co chrX	27977993	27981449	-	0	0
ENSG0000(LINC01345 lincRNA chr1	3944547	3948980	-	0	0
ENSG0000(RP3-395P1 lincRNA chr1	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-29B9 lincRNA chr9	7930827	7935137	-	0	0
ENSG0000(AC084809. antisense chr17	32876759	32878637	+	0	0
ENSG0000(AC058791. lincRNA chr7	1.31E+08	1.31E+08	-	0.53	0.7
ENSG0000(LINC01876 lincRNA chr2	1.56E+08	1.56E+08	-	0	0
ENSG0000(PARD3-AS1 antisense chr10	34815767	34816386	+	0	1.16

ENSG0000(SORCS3-AS antisense chr10	1.05E+08	1.05E+08 -	0	0
ENSG0000(ELL2P4 processed_chrX	1.47E+08	1.47E+08 +	0	0
ENSG0000(MAPK6PS6 processed_chr10	49771841	49773299 +	0	0
ENSG0000(RP11-358D antisense chr20	63448051	63449329 +	0	0
ENSG0000(MTATP6P2 unprocessε chr7	67627831	67628019 +	0	0
ENSG0000(IFNA20P unprocessε chr9	21321300	21321827 +	0	0
ENSG0000(RP11-413E processed_chr1	89661212	89661353 -	0	0
ENSG0000(MRPS21P5 processed_chr10	28004702	28004932 +	0	0
ENSG0000(RP5-1056L processed_chr1	19608114	19608568 +	0	0
ENSG0000(C12orf77 lincRNA chr12	24993424	25006403 -	0	0
ENSG0000(AC013480. antisense chr2	42015625	42025302 -	0	0
ENSG0000(CTD-2269E processed_chr5	28927029	28927284 +	0	0
ENSG0000(RP5-965K1 unprocessε chr7	63632608	63636617 +	0	0
ENSG0000(RP11-31F1 sense_intrε chr9	547317	549531 +	0	0.54
ENSG0000(RP5-984P4 processed_chr20	21488244	21488625 -	0	0
ENSG0000(RBMX2P1 processed_chr21	14829154	14829989 -	0	0
ENSG0000(RPL23P11 processed_chr10	33864313	33864723 +	0	0
ENSG0000(RP11-735G lincRNA chr6	1.25E+08	1.25E+08 -	0	0
ENSG0000(AC104058. processed_chr2	1.86E+08	1.86E+08 -	0	0.4
ENSG0000(CTD-2526L unprocessε chr7	63699390	63700441 +	0	0
ENSG0000(RP11-476F lincRNA chr10	33578931	33600040 -	0	0
ENSG0000(OR8T1P unprocessε chr12	48442030	48442947 -	0	0
ENSG0000(MTCYBP38 processed_chrX	1.27E+08	1.27E+08 +	0	0
ENSG0000(TP11P1 processed_chr1	76699789	76700538 +	0.27	0
ENSG0000(MRPL23-A' antisense chr11	1983237	1989920 -	0	0
ENSG0000(SLC16A1-A antisense chr1	1.13E+08	1.13E+08 +	2.29	1.55
ENSG0000(IGLV3-4 IG_V_pseu chr22	22858025	22858268 +	0	0
ENSG0000(SLC25A5P5 processed_chr7	32471513	32472409 +	0	0
ENSG0000(AC093642. lincRNA chr2	2.42E+08	2.42E+08 -	0	0
ENSG0000(RP11-348J' antisense chr10	93059663	93060426 -	0	0.2
ENSG0000(RP11-174J' lincRNA chr10	64036345	64037280 -	0	0
ENSG0000(HMGN2P7 processed_chr3	15375373	15375645 -	0	0
ENSG0000(RPL15P13 processed_chr10	1.15E+08	1.15E+08 +	0	0
ENSG0000(RP11-111F unprocessε chr9	62395370	62395678 -	0	0
ENSG0000(USP17L7 protein_co chr8	12132417	12134438 -	0	0
ENSG0000(RP11-416N sense_intrε chr10	1.04E+08	1.04E+08 +	0	0
ENSG0000(CTD-2015B processed_chr5	24170370	24171246 +	0	0
ENSG0000(AP000290. antisense chr21	33156632	33159110 +	0	0
ENSG0000(RP11-1L9.1 lincRNA chrX	13377188	13403019 +	0.54	0.21
ENSG0000(ANKRD18D transcribed chr3	1.98E+08	1.98E+08 -	0	0
ENSG0000(RP1-22N22 processed_chrX	28659065	28659469 -	0	0
ENSG0000(RP11-420K antisense chr1	39249838	39257649 -	0	0
ENSG0000(RP11-621K processed_chr4	61775449	61775850 -	0	0
ENSG0000(RP11-506B antisense chr6	1.12E+08	1.12E+08 +	0	0
ENSG0000(PLCL2-AS1 antisense chr3	17042742	17044192 -	0	0

ENSG0000(AC006037. lincRNA	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(GAPDHP32 processed_	chr1	1.2E+08	1.2E+08	-	0	0
ENSG0000(ACTR3BP6 processed_	chr22	11124337	11125705	+	0	0
ENSG0000(XXyac-YX6! antisense	chr6	1.69E+08	1.69E+08	+	0.19	0
ENSG0000(NOTCH2P1 processed_	chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-393J: lincRNA	chr10	37976825	37992467	+	0	0
ENSG0000(RPL7AP51 processed_	chr10	67334123	67334882	+	0	0
ENSG0000(CDY5P unprocessε	chrY	17721598	17723177	+	0	0
ENSG0000(CYP2D8P unprocessε	chr22	42149886	42155001	-	0.04	0.13
ENSG0000(RP11-379B lincRNA	chr6	81845185	81933480	-	0.31	0.34
ENSG0000(RP3-462C1 sense_intr	chr6	40516336	40523933	-	0	0
ENSG0000(RP3-512E2 antisense	chr6	89950116	89953186	+	0	0
ENSG0000(RP11-430L processed_	chr1	16369150	16369530	-	0	0
ENSG0000(OR10G5P unprocessε	chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP13-401N antisense	chr20	25751218	25752761	+	0	0
ENSG0000(RPA2P2 processed_	chr10	81136540	81137335	-	0	0
ENSG0000(AC018641. processed_	chr7	32456963	32457758	-	0	0
ENSG0000(ADAM1B unitary_ps	chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RPS29P33 processed_	chr9	17096301	17096446	-	0	0
ENSG0000(CTA-292E1 antisense	chr22	28800683	28848559	+	1.35	0.56
ENSG0000(RP11-551L. transcribec	chr12	30978308	31006010	-	0.12	0.26
ENSG0000(AC079807. processed_	chr2	47939738	47940218	-	0.16	0
ENSG0000(LA16c-2F2. unprocessε	chr22	15615402	15615578	-	0	0
ENSG0000(LINC01748 lincRNA	chr1	60515716	60640491	-	0.05	0.04
ENSG0000(LL22NC03- unprocessε	chr22	22814671	22814926	+	0	0
ENSG0000(UPF3AP1 processed_	chr17	16745636	16746761	-	0	0
ENSG0000(TMEM185! protein_co	chr2	1.2E+08	1.2E+08	-	14.07	14.02
ENSG0000(OR7H1P unprocessε	chr19	9278448	9279369	-	0	0
ENSG0000(ACTR3BP2 processed_	chr2	91940668	91942040	+	0	0
ENSG0000(ADIPOQ-A! antisense	chr3	1.87E+08	1.87E+08	-	0	0.03
ENSG0000(RP5-964H1 processed_	chr1	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-87M: antisense	chrX	36365626	36440292	-	0	0
ENSG0000(RBM22P3 processed_	chr7	56490682	56491635	+	0	0
ENSG0000(LINC01035 lincRNA	chr1	1.89E+08	1.89E+08	+	0	0
ENSG0000(RP4-749H3 lincRNA	chr1	20412304	20413253	-	0	0
ENSG0000(LINC01824 lincRNA	chr2	6496003	6503806	+	0	0
ENSG0000(AC104308. processed_	chr3	35871866	35872198	+	0	0
ENSG0000(AC138647. protein_co	chr8	1.42E+08	1.42E+08	+	0	0
ENSG0000(FTOP1 processed_	chr2	42797225	42798712	-	0.07	0
ENSG0000(RPL26P27 processed_	chr10	68499532	68499968	+	0	0
ENSG0000(LINC00323 antisense	chr21	41141493	41148133	-	0.25	0.19
ENSG0000(RP11-406C lincRNA	chr6	68226972	68329899	-	0	0
ENSG0000(RPSAP21 transcribec	chr1	2.37E+08	2.37E+08	+	0	0
ENSG0000(RP5-882O7 processed_	chr1	44843921	44844082	-	0	0
ENSG0000(RP11-196G processed_	chr1	1.5E+08	1.5E+08	-	0	0

ENSG0000(USF1P1	processed_ch	chr21	33334571	33335096	+	0	0.15
ENSG0000(KRT8P27	processed_ch	chrX	64623117	64624573	+	0	0
ENSG0000(TMEM167	processed_ch	chrY	20907344	20907562	-	0	0
ENSG0000(AC007463.	lincRNA	chr2	7886770	7899655	-	0	0
ENSG0000(IPMKP1	processed_ch	chr13	22837026	22837880	-	0.07	0
ENSG0000(LINC01918	lincRNA	chr2	1.05E+08	1.05E+08	+	0	0
ENSG0000(AC005588.	processed_ch	chr7	1.54E+08	1.54E+08	-	0	0
ENSG0000(UPK1A-AS1	antisense	chr19	35667948	35673291	-	0.32	0.09
ENSG0000(AC004386.	processed_ch	chrX	74342713	74342860	-	0	0
ENSG0000(FAM138B	lincRNA	chr2	1.14E+08	1.14E+08	+	0.1	0
ENSG0000(LINC00390	lincRNA	chr13	44106378	44137236	-	0	0
ENSG0000(KIRREL-IT1	sense_intr	chr1	1.58E+08	1.58E+08	+	0	0.13
ENSG0000(AC126365.	transcribed	chr17	20716481	20737127	+	0	0
ENSG0000(AC004744.	antisense	chr7	18892096	18899433	-	0	0
ENSG0000(AC074375.	processed_ch	chr2	42680088	42680279	-	0	0
ENSG0000(RPS7P10	processed_ch	chr13	21628413	21629015	-	0	0
ENSG0000(RP1-37C10	antisense	chr1	16978926	17005091	+	0.11	0.24
ENSG0000(AP000289.	lincRNA	chr21	33111699	33123703	-	0	0
ENSG0000(MTND1P1	processed_ch	chrY	8371663	8372030	+	0	0
ENSG0000(RP11-348F	lincRNA	chrX	51396511	51465661	+	0	0
ENSG0000(RP5-1052N	processed_ch	chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(BTBD9-AS1	antisense	chr6	38481692	38482531	+	0	0
ENSG0000(KB-1183D5	processed_ch	chr22	21370064	21371945	+	0	0
ENSG0000(RP11-417L	processed_ch	chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(SETP15	processed_ch	chrX	15917548	15918631	+	0	0
ENSG0000(OR7E33P	unprocess	chr13	67910986	67911951	+	0	0
ENSG0000(AC012512.	processed_ch	chr2	2.24E+08	2.24E+08	+	0	0
ENSG0000(GAPDHP73	processed_ch	chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-795J	processed_ch	chr6	46438310	46438619	+	0	0
ENSG0000(AC114814.	lincRNA	chr2	2.35E+08	2.35E+08	-	0	0
ENSG0000(MYL6P1	processed_ch	chr21	43855890	43856342	-	0	0
ENSG0000(RPL7P22	processed_ch	chr5	72725419	72726151	+	0	0
ENSG0000(RP4-633I8.	unprocess	chr1	8798475	8799506	+	0	0
ENSG0000(SSU72P1	processed_ch	chrX	1.14E+08	1.14E+08	+	0	0
ENSG0000(AC016722.	lincRNA	chr2	46852020	46853496	-	0	0
ENSG0000(SCDP1	processed_ch	chr17	20784645	20785725	+	0	0
ENSG0000(RP5-1092L	processed_ch	chr1	1.71E+08	1.71E+08	+	0	0
ENSG0000(AC018735.	processed_ch	chr2	1.87E+08	1.87E+08	-	0	0.04
ENSG0000(MTCL1P1	processed_ch	chr13	70923664	70924455	+	0	0
ENSG0000(AGKP1	processed_ch	chrY	14639096	14640358	+	0	0
ENSG0000(NPM1P49	processed_ch	chrX	47438736	47439774	-	0	0
ENSG0000(TRAF6P1	processed_ch	chr10	59136625	59138182	-	0	0
ENSG0000(RP11-213N	processed_ch	chr6	43364220	43364294	+	0	0
ENSG0000(CYP4F26P	lincRNA	chr9	33580695	33605293	+	0.5	0.15
ENSG0000(FTH1P20	processed_ch	chr2	1.81E+08	1.81E+08	-	0	0.13

ENSG0000(RP11-164C processed_ chr1	2.07E+08	2.07E+08	-	0	0
ENSG0000(RP11-436F lincRNA chr9	1.03E+08	1.03E+08	-	0	0
ENSG0000(LINC00606 lincRNA chr3	10759484	10764192	-	0	0
ENSG0000(RP11-505C processed_ chr1	1.83E+08	1.83E+08	-	0	0
ENSG0000(RP11-445F antisense chr6	1.39E+08	1.39E+08	+	0	0
ENSG0000(SNORD57 snoRNA chr20	2656939	2657010	+	0	0
ENSG0000(CTA-85E5.7 processed_ chr22	30105094	30105408	-	0	0
ENSG0000(RP11-523C antisense chr10	48984564	49018897	+	0	0
ENSG0000(MICC unprocessε chr6	30414715	30419319	+	0	0
ENSG0000(RP11-258F lincRNA chr10	37775371	37784131	-	0.1	0.12
ENSG0000(MTCYBP31 processed_ chrX	70120353	70121474	-	0	0
ENSG0000(RPL39P40 processed_ chr21	17500679	17500824	-	0	3.41
ENSG0000(RP11-340Iε lincRNA chr7	63900823	63917994	+	0	0
ENSG0000(UBE2V1P5 processed_ chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP5-905H7 lincRNA chr7	63326674	63354326	-	0	0
ENSG0000(UBE2V1P1(processed_ chr9	85159682	85159950	+	0	0
ENSG0000(AC004911. processed_ chr7	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-550C lincRNA chr6	47729827	47740741	-	0	0
ENSG0000(KB-288A10 unprocessε chr22	22465659	22465986	+	0	0
ENSG0000(IFNWP9 unprocessε chr9	21190654	21191244	-	0	0
ENSG0000(RP11-136K lincRNA chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(CT47A9 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-239E lincRNA chr1	2.23E+08	2.23E+08	+	0	0
ENSG0000(PAPPA-AS2 antisense chr9	1.16E+08	1.16E+08	-	0	0.13
ENSG0000(AC007098. antisense chr2	62826064	62858438	-	0	0
ENSG0000(FTLP3 processed_ chr20	4023917	4024444	+	0.42	0
ENSG0000(RP11-276E antisense chr9	1.13E+08	1.13E+08	-	0.39	0
ENSG0000(OFD1P2Y unprocessε chrY	18080681	18096202	-	0	0
ENSG0000(OR52M2P unprocessε chr11	4514966	4515924	-	0	0
ENSG0000(RPL21P110 processed_ chr13	72703693	72704138	+	0	0
ENSG0000(RP11-301J: antisense chr13	19027837	19028701	+	0	0
ENSG0000(LINC00343 processed_ chr13	1.06E+08	1.06E+08	+	0	0
ENSG0000(AC083855. processed_ chr3	11290406	11290663	-	0	0
ENSG0000(AC092155. antisense chr2	62590255	62662654	-	0	0
ENSG0000(CTA-351J1. processed_ chr7	1.06E+08	1.06E+08	+	0	0
ENSG0000(RBM17P1 processed_ chr9	39154075	39155479	+	0	0
ENSG0000(NOP56P2 processed_ chr9	23681894	23682662	+	0	0
ENSG0000(SHANK2-Aε antisense chr11	70631094	70635490	+	0	0
ENSG0000(LINC00974 lincRNA chr17	41549606	41554495	-	0.03	0.03
ENSG0000(SLC9A3P3 processed_ chr10	50025135	50027363	-	0	0
ENSG0000(UBE2V1P1 processed_ chr20	3361880	3362324	-	0	0
ENSG0000(PPIAP28 processed_ chr13	20178978	20179462	-	0	0
ENSG0000(RP5-1049N processed_ chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP11-21J7. lincRNA chr1	1.94E+08	1.94E+08	+	0	0
ENSG0000(RP13-13A3 processed_ chrX	41322601	41323111	-	0	0

ENSG0000(ACTG1P12 processed_ chr3	12070195	12071360	+	0	0
ENSG0000(RP11-358H lincRNA chr1	2.22E+08	2.22E+08	-	0	0
ENSG0000(RP11-128M lincRNA chr20	2207217	2213151	+	0.14	0
ENSG0000(AP006216. antisense chr11	1.17E+08	1.17E+08	+	0	0.22
ENSG0000(RPL7P37 processed_ chr10	35697300	35698037	+	0.18	0
ENSG0000(RP11-336A antisense chr10	5712174	5744067	-	0	0
ENSG0000(PLCG1-AS1 antisense chr20	41098329	41138003	-	0.16	0.26
ENSG0000(AC019118. lincRNA chr2	3156756	3157797	+	0	0
ENSG0000(KIF4B protein_co chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(PSMD10P2 transcribed chr3	1.87E+08	1.87E+08	+	0.08	0.1
ENSG0000(OR13Z1P unitary_ps chr1	1.47E+08	1.47E+08	+	0	0
ENSG0000(AC096732. lincRNA chr4	1.24E+08	1.24E+08	-	0	0
ENSG0000(RPL23AP3C processed_ chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(RP11-137H antisense chr10	80529597	80535942	-	0	0.26
ENSG0000(TRBV2 TR_V_gene chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP5-1139I1 antisense chrX	1.19E+08	1.19E+08	-	0	0
ENSG0000(CHMP1AP1 processed_ chr1	27686810	27687471	-	0	0
ENSG0000(MTND4P1C processed_ chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(RP4-745E8 antisense chr1	20294211	20323187	-	0	0
ENSG0000(SSR1P2 processed_ chr13	75136154	75136940	+	0	0
ENSG0000(HSPA9P1 processed_ chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(RP11-526D transcribed chr9	92882567	92899608	+	0	0
ENSG0000(RP11-509J. lincRNA chr9	3684076	3689626	-	0	0
ENSG0000(BCAS2P3 processed_ chr13	79166119	79166885	+	0	0
ENSG0000(AC005008. processed_ chr7	81191398	81192009	+	0	0
ENSG0000(LINC01108 lincRNA chr6	14280127	14285454	-	0	0
ENSG0000(TEX41 lincRNA chr2	1.45E+08	1.45E+08	+	0.37	0.11
ENSG0000(RP11-589B lincRNA chr10	79628757	79632188	-	0	0
ENSG0000(IGBP1P1 processed_ chr14	34939324	34940332	+	0	0.07
ENSG0000(RP13-43E1 antisense chrX	38221391	38223667	+	0	0.34
ENSG0000(RP11-61D3 lincRNA chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(AC020595. lincRNA chr2	1.81E+08	1.81E+08	-	0	0
ENSG0000(PWWP2AP processed_ chr13	80654755	80657027	+	0	0
ENSG0000(CT47A12 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(LINC01535 lincRNA chr19	37251912	37265535	+	0.13	0.14
ENSG0000(ENTPD1-AS antisense chr10	95753206	96090238	-	2.16	2.53
ENSG0000(AC005281. protein_co chr7	12483344	12541910	+	0.03	0
ENSG0000(NXNP1 processed_ chr1	2.19E+08	2.19E+08	-	0	0
ENSG0000(RP11-69C1 lincRNA chr10	2071845	2081097	+	0	0
ENSG0000(ANKRD20A processed_ chr13	24750657	24752171	-	0	0
ENSG0000(LENG8-AS1 antisense chr19	54444813	54449045	-	1.41	1.17
ENSG0000(RP1-50Q24 antisense chr1	26876133	26878245	+	0	0
ENSG0000(RP11-122K antisense chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(MTND4P25 processed_ chr2	82814984	82815516	+	0	0
ENSG0000(RPL15P14 processed_ chr10	72189941	72190576	+	0	0

ENSG0000(MIR217HG lincRNA chr2	55963191	56047326	-	0	0
ENSG0000(NPM1P4 processed_chr13	27696393	27697204	-	0	0
ENSG0000(SDCBPP1 processed_chr10	6293100	6294684	-	0	0
ENSG0000(RP11-426A antisense chr9	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-719J lincRNA chr6	49823712	49824782	-	0	0
ENSG0000(AC073409 lincRNA chr2	1.23E+08	1.23E+08	-	0	0
ENSG0000(FGF12-AS3 antisense chr3	1.93E+08	1.93E+08	+	0	0
ENSG0000(FAM66C antisense chr12	8180209	8216151	+	2.89	4.77
ENSG0000(LINC01709 lincRNA chr1	1.02E+08	1.02E+08	+	0	0
ENSG0000(AL589986 antisense chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(PTPRD-AS2 lincRNA chr9	10613202	10620420	+	0	0
ENSG0000(SNRPGP8 processed_chr2	2.28E+08	2.28E+08	-	0	0
ENSG0000(EEF1DP2 processed_chr9	92836826	92837668	-	0.22	0.08
ENSG0000(LINC00424 lincRNA chr13	21872770	21878160	-	0	0
ENSG0000(RP11-142L processed_chr1	1.92E+08	1.92E+08	-	0	0
ENSG0000(RP11-795A unprocessε chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(PABPC1L2E antisense chrX	72998388	73002856	-	0	0
ENSG0000(TMEM256f processed_chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(RPL35AP3C processed_chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-397G protein_co chr6	50093616	50181007	+	0	0
ENSG0000(SNRPGP12 processed_chr10	1.1E+08	1.1E+08	-	0	0
ENSG0000(CTA-384D8 antisense chr22	50546415	50547652	+	0	0
ENSG0000(RP11-347L lincRNA chr6	1.64E+08	1.64E+08	-	0	0
ENSG0000(CTA-929C8 lincRNA chr22	27310651	27317456	+	0	0
ENSG0000(HSBP1L1 protein_co chr18	79964561	79970822	+	6.22	6.18
ENSG0000(AC079781 processed_chr7	97870167	97870289	+	0	0
ENSG0000(RP11-115D processed_chr1	40132764	40133448	+	0	0
ENSG0000(SMCR5 antisense chr17	17776686	17779529	-	0	0
ENSG0000(AC007966 antisense chr2	1.86E+08	1.86E+08	-	0	0
ENSG0000(RP11-513D unprocessε chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(AF127936 lincRNA chr21	14761710	14763090	-	0	0
ENSG0000(PSMD5-AS transcribec chr9	1.21E+08	1.21E+08	+	18.72	19.09
ENSG0000(RP11-212D processed_chrX	75888700	75888888	+	0	0
ENSG0000(RP5-1024G antisense chr1	53238610	53242783	+	0.5	0.5
ENSG0000(VPS25P1 processed_chr1	1.18E+08	1.18E+08	+	0	0
ENSG0000(AC007365 lincRNA chr2	64644612	64646698	+	0	0.12
ENSG0000(PP12613 antisense chr4	1.22E+08	1.22E+08	+	0.05	0.14
ENSG0000(DISC1-IT1 sense_intrε chr1	2.32E+08	2.32E+08	+	0.25	0
ENSG0000(DAB1-AS1 antisense chr1	57860532	57880905	+	0	0
ENSG0000(TAS2R46 protein_co chr12	11061365	11062294	-	0	0.08
ENSG0000(RP11-298E lincRNA chr10	3240371	3257210	-	0	0
ENSG0000(SRRM5 protein_co chr19	43596617	43614497	+	0.09	0.08
ENSG0000(AC010145 lincRNA chr2	15997049	16062885	-	0	0
ENSG0000(RPSAP33 processed_chr3	1.69E+08	1.69E+08	+	0	0
ENSG0000(FABP7P1 processed_chr1	2.44E+08	2.44E+08	-	0	0

ENSG0000(RP11-328P processed_ chr7	65508773	65508944	-	0	0
ENSG0000(GAPDHP54 processed_ chr20	46997596	46998488	+	0	0
ENSG0000(AC000124. lincRNA chr7	1.27E+08	1.27E+08	+	0	0
ENSG0000(AP001136. antisense chr21	21223295	21226829	-	0	0
ENSG0000(CTA-747E2 antisense chr22	29099041	29111683	-	0	0
ENSG0000(RP4-775D1 processed_ chr1	92203148	92203991	+	0	0
ENSG0000(RP11-654E processed_ chrX	23351013	23351450	+	0	0
ENSG0000(KRTAP3-4P unprocessε chr17	41004481	41004760	-	0	0
ENSG0000(FAM30A lincRNA chr14	1.06E+08	1.06E+08	+	0	0
ENSG0000(NAALADL2 antisense chr3	1.75E+08	1.75E+08	-	0	0
ENSG0000(RP11-38J2. antisense chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(TBCAP1 processed_ chrX	33041395	33041721	+	0	0
ENSG0000(RP11-706D lincRNA chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(TLK1P1 processed_ chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(PGAM4 protein_co chrX	77968874	77969638	-	0	0
ENSG0000(AC073218. lincRNA chr2	34383788	34635340	+	0	0
ENSG0000(AC110926. processed_ chr2	1.27E+08	1.27E+08	+	0.11	0.11
ENSG0000(HNRNPA3P processed_ chr10	43789249	43790387	-	0	0.06
ENSG0000(AC109826. lincRNA chr2	98761938	98772920	-	0	0.07
ENSG0000(LINC00371 protein_co chr13	51082119	51200252	-	0.15	0.25
ENSG0000(MTND1P2(processed_ chr10	69595487	69596436	-	0	0
ENSG0000(AC015923. antisense chr17	63381231	63414312	-	0	0
ENSG0000(RP11-289F. lincRNA chr9	80869758	80871295	-	0	0
ENSG0000(CACTIN-AS antisense chr19	3607247	3613930	+	0.26	0.42
ENSG0000(OSTCP8 processed_ chr9	33968071	33968518	-	0	0
ENSG0000(RP11-7211ε processed_ chrX	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-203B antisense chr6	57114894	57174236	-	0	0
ENSG0000(RP4-675G8 processed_ chr1	44150594	44151753	-	0	0
ENSG0000(AC011893. antisense chr2	1.36E+08	1.36E+08	+	0	0
ENSG0000(MROH5 polymorph chr8	1.41E+08	1.42E+08	-	0	0
ENSG0000(LINC00840 lincRNA chr10	43859411	43895433	+	0	0.06
ENSG0000(RP11-45H2 processed_ chr5	54857272	54858491	+	0	0
ENSG0000(RP5-881L2. antisense chr20	44347552	44355185	-	0	0
ENSG0000(LINC01941 lincRNA chr2	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP3-419C1 processed_ chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(AC005082. lincRNA chr7	23206013	23208045	+	0.08	0.15
ENSG0000(SLC6A6P1 processed_ chr21	19244543	19246392	+	0	0
ENSG0000(MEIS1-AS3 antisense chr2	66426735	66433470	-	0	0
ENSG0000(RP11-7471ε unprocessε chrX	66437345	66440668	+	0	0
ENSG0000(RP11-356N lincRNA chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(SUGT1P1 unprocessε chr9	33503655	33510711	-	0.32	0.53
ENSG0000(RP4-756H1 sense_intrε chr7	66654538	66669855	+	2.61	0.48
ENSG0000(LINC01509 lincRNA chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(NPM1P11 processed_ chr7	11257681	11258535	-	0	0
ENSG0000(RP11-278H lincRNA chr1	2.44E+08	2.44E+08	+	0	0

ENSG0000(RP5-945F2 lincRNA chr7	68150283	68288233	-	0	0
ENSG0000(MED15P3 processed_chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC097724. antisense chr2	28708953	28736205	-	0.09	0.5
ENSG0000(RP11-148B lincRNA chr1	94247866	94334848	+	0.31	0.52
ENSG0000(RP11-77B2 processed_chr8	15943127	15943532	+	0	0
ENSG0000(HMGB1P3. processed_chrX	98422138	98422809	+	0	0
ENSG0000(AC096582. unprocessε chr7	45816557	45821064	+	0	0
ENSG0000(MTND6P11 processed_chr2	1.43E+08	1.43E+08	+	0	0
ENSG0000(PAICSP3 processed_chr6	73327524	73329017	+	0	0
ENSG0000(RP11-166N antisense chr10	32281686	32282829	+	0	0
ENSG0000(RP11-2P2.1 processed_chr1	2.08E+08	2.08E+08	-	0	0
ENSG0000(EEF1GP3 processed_chr3	40596207	40597494	-	0	0
ENSG0000(LINC00348 lincRNA chr13	71015141	71168417	+	0	0
ENSG0000(PRPS1P1 processed_chr2	1.64E+08	1.64E+08	+	0	0
ENSG0000(RP4-635E1 antisense chr1	11068471	11073097	+	0.14	0.07
ENSG0000(AC004112. antisense chr7	1.12E+08	1.12E+08	-	0	0
ENSG0000(AC010894. lincRNA chr2	1.74E+08	1.74E+08	+	0	0.96
ENSG0000(RP11-212D lincRNA chrX	75903105	75904858	+	0.05	0
ENSG0000(RPSAP17 processed_chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(AC093901. lincRNA chr2	1.18E+08	1.18E+08	-	0.17	0
ENSG0000(DUTP3 transcribed chr7	1.47E+08	1.47E+08	+	0	0
ENSG0000(LINC02051 lincRNA chr3	1.86E+08	1.86E+08	+	0.29	0.11
ENSG0000(AC109638. processed_chr2	82609652	82609977	+	0	0
ENSG0000(RP5-1119C lincRNA chr10	8298897	8301667	+	0	0
ENSG0000(RP11-569A antisense chr1	2.03E+08	2.03E+08	+	0.65	0.36
ENSG0000(SHROOM2 unprocessε chrY	12537773	12544883	+	0	0
ENSG0000(ATE1-AS1 transcribed chr10	1.22E+08	1.22E+08	+	0.06	0.43
ENSG0000(RP13-77O1 unprocessε chrX	52781452	52785786	-	0	0
ENSG0000(RP11-122M lincRNA chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(LHFPL3-AS. processed_chr7	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-402P transcribed chrX	71719142	71721278	+	1.65	0
ENSG0000(AC135178. antisense chr17	8318088	8318712	-	0	0
ENSG0000(AC002472. antisense chr22	21031357	21043969	+	0	0
ENSG0000(CDY14P unprocessε chrY	23674379	23675392	+	0	0
ENSG0000(AC005154. processed_chr7	30544053	30544431	+	0.23	0
ENSG0000(ZNF877P unprocessε chr20	21265854	21266465	+	0	0
ENSG0000(RP11-36N2 antisense chr1	2.46E+08	2.46E+08	+	0	0
ENSG0000(RP11-575L antisense chr9	83829656	83837861	+	0	0
ENSG0000(GSTM3P2 processed_chr2	1.59E+08	1.59E+08	-	0	0
ENSG0000(H3F3AP5 processed_chrX	50905438	50905866	+	0	0
ENSG0000(RP4-782L2. antisense chr1	59754747	59789182	-	0	0
ENSG0000(RPS29P10 processed_chr2	61589498	61589663	-	0	0
ENSG0000(E2F6P3 processed_chr22	21268161	21268903	+	0.15	0
ENSG0000(AC093787. processed_chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(ERVMER34 protein_co chr4	52722618	52751640	-	0	0

ENSG0000(RPLP1P10 processed_ chr10	59088701	59089039	-	0	0
ENSG0000(RP11-4741 antisense chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(LA16c-395 antisense chr16	1625628	1626160	-	0	0
ENSG0000(LINC01359 processed_ chr1	64972225	65002489	-	0.1	0.14
ENSG0000(RP11-298J antisense chr10	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-432J lincRNA chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(CHCHD2P1 processed_ chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(LINC00354 lincRNA chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-561C antisense chr9	68228651	68229312	+	0	0
ENSG0000(AC005040. processed_ chr2	1.07E+08	1.07E+08	+	0	0
ENSG0000(TTTY4 lincRNA chrY	22936455	22973284	+	0	0
ENSG0000(HIST1H2BP processed_ chr13	21483834	21484174	-	0	0
ENSG0000(ISCA2P1 processed_ chr22	26644889	26645336	-	0	0
ENSG0000(BSN-AS2 lincRNA chr3	49549306	49554366	-	0.02	0
ENSG0000(AC068137. processed_ chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(LINC01276 lincRNA chr6	41502444	41519852	+	0	0
ENSG0000(AC010086. unprocessε chrY	21311268	21318895	+	0	0
ENSG0000(RP11-80B9 antisense chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(RP5-1068B 3prime_ov chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(LINC00454 lincRNA chr13	1.14E+08	1.14E+08	-	0	0
ENSG0000(AC007271. antisense chr2	1.02E+08	1.02E+08	-	0	0
ENSG0000(PDZPH1P transcribec chr5	1.03E+08	1.04E+08	-	0.06	0.53
ENSG0000(RP11-3021J lincRNA chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000(RPS14P4 processed_ chr2	1.11E+08	1.11E+08	-	0	0
ENSG0000(CT47A11 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(GTF2IP2 unprocessε chr21	13443373	13489176	-	0	0
ENSG0000(NRBF2P2 processed_ chr3	46023296	46024156	+	0	0
ENSG0000(LINC00161 lincRNA chr21	28539318	28540355	+	0	0
ENSG0000(CEP164P1 transcribec chr10	45002222	45076066	-	0.02	0.18
ENSG0000(RP11-117D lincRNA chr1	53348488	53349233	-	0	0
ENSG0000(AC062021. lincRNA chr2	1.39E+08	1.39E+08	+	0	0
ENSG0000(RBMY1J protein_co chrY	22403461	22417881	+	0	0
ENSG0000(IL9RP3 unprocessε chr16	29336	38321	-	0	0
ENSG0000(ALG1L5P unprocessε chr7	6923804	6930835	+	0	0
ENSG0000(RP1-120G2 antisense chr1	6204840	6205780	-	0.47	0.26
ENSG0000(RP11-564A processed_ chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(AC062022. processed_ chr2	1.62E+08	1.62E+08	-	0	0
ENSG0000(RP1-52J10. unprocessε chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(RPS4XP2 processed_ chr20	4629427	4630219	-	0	0
ENSG0000(OR6K5P unprocessε chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(DANCR processed_ chr4	52712404	52720351	+	13.71	14.6
ENSG0000(RP4-714D9 processed_ chr1	1E+08	1E+08	+	0	0
ENSG0000(AC010890. antisense chr2	1.33E+08	1.33E+08	+	0.13	0
ENSG0000(RP5-983L1 lincRNA chr22	49718053	49724506	-	0.06	0
ENSG0000(AC104306. processed_ chr3	32592972	32593312	-	0	0

ENSG000001AP000432. lincRNA	chr21	17659276	17660384	-	0	0
ENSG000001RP4-533D7 antisense	chr1	46046818	46048368	+	0	0
ENSG000001MTCO1P21 unprocessed	chr1	93927714	93928302	-	0	0
ENSG000001AC018463. processed	chr2	11351627	11352118	+	0	0
ENSG000001RAC1P6 processed	chr7	1.15E+08	1.15E+08	-	0	0
ENSG000001AC078883. antisense	chr2	1.72E+08	1.72E+08	-	0.26	0.28
ENSG000001RHEBP2 processed	chr10	47706203	47706802	+	1.98	0.8
ENSG000001AC003088. lincRNA	chr7	1.1E+08	1.11E+08	-	0	0
ENSG000001HAUS4P1 processed	chr1	1.7E+08	1.7E+08	-	0	0.06
ENSG000001LINC00423 lincRNA	chr13	32877431	32911650	-	0	0
ENSG000001RP11-547D antisense	chr1	2049203	2050070	-	0	0
ENSG000001RP11-82H1 processed	chr1	84244334	84244577	+	0	0
ENSG000001AF196972. processed	chrX	48446893	48448879	-	0	0
ENSG000001RPL12P19 processed	chr2	44270621	44271106	+	0	0
ENSG000001RP4-663N1 unprocessed	chr1	1.15E+08	1.15E+08	+	0	0
ENSG000001AC006987. unprocessed	chrY	10169788	10170314	-	0	0.15
ENSG000001COX6A1P2 processed	chr6	37044860	37045189	+	0	0
ENSG000001HMGN1P2. processed	chr13	95809310	95809607	-	0	0
ENSG000001MAGI2-AS2 antisense	chr7	79008988	79012277	+	0	0
ENSG000001LTA protein_co	chr6	31572054	31574324	+	0	0
ENSG000001ABHD17AP unprocessed	chr17	20814620	20844257	+	0	0
ENSG000001CENPCP1 processed	chr12	89500093	89502670	+	0	0
ENSG000001LINC01692 lincRNA	chr21	24840550	25057746	+	0	0
ENSG000001RP4-591B8 processed	chr1	1.14E+08	1.14E+08	+	0	0
ENSG000001LINC01203 lincRNA	chrX	13335241	13373634	+	0	0
ENSG000001RP11-543B processed	chr1	2.11E+08	2.11E+08	+	0	0
ENSG000001RP11-544A processed	chr9	1.31E+08	1.31E+08	+	0	0
ENSG000001ALO49758. processed	chr22	42853403	42853799	-	0	0
ENSG000001RP11-543F. lincRNA	chr10	8400860	8461863	+	0	0
ENSG000001AC112229. processed	chr2	1.1E+08	1.1E+08	+	0	0
ENSG000001AC144525. lincRNA	chr2	2.39E+08	2.39E+08	-	0	0
ENSG000001AC012593. lincRNA	chr2	34799850	35185689	+	0	0
ENSG000001LINC00658 lincRNA	chr20	5426895	5471094	-	0.13	0
ENSG000001AP000477. lincRNA	chr21	24043257	24050286	+	0	0
ENSG000001MTATP6P3 unprocessed	chr9	31505280	31505943	+	0	0
ENSG000001AC073325. processed	chr7	45534523	45534681	-	0	0
ENSG000001HSPD1P14 processed	chr1	33838523	33840140	+	0	0
ENSG000001NBPFP2P unprocessed	chr1	21424625	21427967	-	0.43	0.72
ENSG000001SNRPEP10 processed	chr1	2.24E+08	2.24E+08	-	0	0
ENSG000001AC108032. processed	chr2	2E+08	2E+08	+	0	0
ENSG000001RP5-956O1 antisense	chr1	2.3E+08	2.3E+08	-	0	0
ENSG000001LINC01247 lincRNA	chr2	6366010	6375422	-	0.05	0.08
ENSG000001RP3-417G1 processed	chrX	1.34E+08	1.34E+08	+	0	0
ENSG000001FUNDC2P4 processed	chr22	39155525	39155945	+	0	0
ENSG000001C17orf112 lincRNA	chr17	52985520	52987652	+	0	0

ENSG0000(RP1-97J1.2 lincRNA chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(OR7E96P unprocessε chr8	8039978	8040953	+	0	0
ENSG0000(AC007285. antisense chr7	29988600	30025660	+	0	0.12
ENSG0000(RP11-548K unprocessε chr7	57770619	57770946	-	0	0
ENSG0000(RP11-262K lincRNA chr1	72765031	72791282	+	0	0
ENSG0000(AC007036. lincRNA chr7	30176387	30179014	-	0	0
ENSG0000(IL6STP1 processed_ chr17	15783288	15784307	+	0	0
ENSG0000(OR7E101P unprocessε chr13	46460609	46461121	+	0	0
ENSG0000(AC007557. lincRNA chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(OR51A3P unprocessε chr11	4937371	4938294	-	0	0
ENSG0000(SLC8A1-AS antisense chr2	39786453	40255209	+	0	0
ENSG0000(RP11-168P lincRNA chr10	43912444	43914236	+	0	0
ENSG0000(RPS2P36 processed_ chr10	96620877	96621707	-	0	0
ENSG0000(AC105461. antisense chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(RP11-234N processed_ chr1	99008218	99008474	+	0	0
ENSG0000(MTATP6P1 unprocessε chr7	64106822	64107572	-	0	0
ENSG0000(LINC00511 lincRNA chr17	72323123	72640472	-	1.03	0.51
ENSG0000(GTF2IP7 transcribec chr7	76090431	76108779	-	0.05	0.33
ENSG0000(ITGB2-AS1 antisense chr21	44921051	44929678	+	0.1	0.05
ENSG0000(RP11-533F processed_ chr4	56760919	56761485	-	0	0
ENSG0000(RP6-1O2.1 lincRNA chrX	10242339	10365323	+	0	0
ENSG0000(LINC01682 lincRNA chr1	2.3E+08	2.3E+08	-	0	0
ENSG0000(RP11-98D1 antisense chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(AC012065. lincRNA chr2	20499571	20501311	-	0	0
ENSG0000(RP11-134G processed_ chr1	2.01E+08	2.01E+08	+	0	0
ENSG0000(RP11-460I1 antisense chr1	27938875	27960193	-	0	0
ENSG0000(C14orf132 protein_co chr14	96039324	96093889	+	23.12	23.15
ENSG0000(RP11-395B antisense chr7	1.01E+08	1.01E+08	-	2.43	0.26
ENSG0000(FDX1P2 processed_ chr21	25692180	25692554	+	0	0
ENSG0000(AC009961. processed_ chr2	1.6E+08	1.6E+08	-	0	0
ENSG0000(RPL6P2 processed_ chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(WDR46 protein_co chr6	33279108	33289527	-	16.12	15.03
ENSG0000(RP13-34L8. unprocessε chrX	52545151	52547695	+	0	0
ENSG0000(ANHX protein_co chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(LINC00629 lincRNA chrX	1.35E+08	1.35E+08	+	0	0.2
ENSG0000(AC079779. antisense chr2	197569	202605	+	0	0
ENSG0000(RP11-115A processed_ chr1	80464301	80464718	-	0	0
ENSG0000(RPL41P1 processed_ chr20	21755270	21755350	+	0	0
ENSG0000(RP3-363L9. processed_ chrX	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP3-340N1 lincRNA chr1	20154338	20160568	+	0.07	0.06
ENSG0000(DPPA3P1 processed_ chrX	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-12A1 antisense chr9	1.26E+08	1.26E+08	+	0.11	0
ENSG0000(CNN2P2 processed_ chr9	40346144	40347052	-	0	0
ENSG0000(RP11-191G antisense chr1	51518309	51561629	+	1.52	0.55
ENSG0000(FOCAD-AS: lincRNA chr9	20683304	20684688	-	0	0

ENSG0000(RP3-466I7. processed_ chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(SDHDP2 processed_ chr7	1.35E+08	1.35E+08	+	0	0
ENSG0000(AP000472. lincRNA chr21	21933315	21975681	-	0	0
ENSG0000(RP11-4C20 sense_intr(chr10	1.28E+08	1.28E+08	+	0	0
ENSG0000(AC107983. processed_ chr17	18572752	18572961	+	0	0
ENSG0000(LINC02094 lincRNA chr17	19419035	19424357	+	0	0
ENSG0000(CTD-2021A processed_ chr7	51388430	51389114	-	0.39	0.6
ENSG0000(RP11-543P processed_ chr12	3211663	3211917	-	1.33	0
ENSG0000(CH17-437K lincRNA chr1	1.21E+08	1.21E+08	+	0.76	0.56
ENSG0000(L29074.3 antisense chrX	1.48E+08	1.48E+08	-	0	0
ENSG0000(RBMX2P5 processed_ chr5	80331573	80332541	-	0	0
ENSG0000(AC084149. lincRNA chr2	77652413	77654668	-	0	0
ENSG0000(RP1-135L2. lincRNA chr6	21354411	21355296	-	0	0
ENSG0000(AP000402. lincRNA chr21	24886676	24902756	-	0	0
ENSG0000(RP5-1028L. antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-565P antisense chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(HMGB3P8 processed_ chr10	1.16E+08	1.16E+08	-	0	0
ENSG0000(RPS28P7 processed_ chr11	82689559	82689768	+	870.61	796.04
ENSG0000(AC073636. lincRNA chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-433J. lincRNA chr10	4024940	4028394	+	0	0
ENSG0000(OR2AS1P unprocess(chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(PIGQP1 transcribed chr1	55938714	55939280	-	0	0
ENSG0000(PARP1P1 processed_ chr13	1.11E+08	1.11E+08	+	0	0
ENSG0000(AC096574. lincRNA chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(IGHD1-14 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CRIP1P3 processed_ chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(LMCD1-AS. antisense chr3	7952805	8611924	-	0.14	0.31
ENSG0000(RP11-460N unprocess(chr7	65075023	65078780	+	0	0
ENSG0000(LINC01630 lincRNA chr18	51346249	51643939	+	0	0
ENSG0000(HORMAD2 antisense chr22	30008742	30080480	-	0	0
ENSG0000(BTF3P13 processed_ chr4	98740742	98741231	+	0	0
ENSG0000(AC009238. processed_ chr2	95436133	95436556	+	0	0
ENSG0000(RP11-319F lincRNA chr10	52973488	52975815	-	0	0
ENSG0000(RPL12P44 processed_ chr3	44937673	44938482	+	0	0
ENSG0000(ZNF717 protein_co chr3	75709643	75785583	-	4.03	2.28
ENSG0000(AP002856. lincRNA chr11	1.31E+08	1.31E+08	+	0	0
ENSG0000(LBX1-AS1 processed_ chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-552E lincRNA chr6	40271566	40276237	-	0	0
ENSG0000(AC011742. processed_ chr2	26160023	26161136	+	0	0
ENSG0000(AC093084. processed_ chr2	1.46E+08	1.46E+08	+	0	0
ENSG0000(GCSAML-A. antisense chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(RP11-421B processed_ chr9	10777357	10777525	+	0	0
ENSG0000(RP11-533N lincRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(USP17L5 protein_co chr4	9339403	9340995	+	0	0
ENSG0000(RP11-545A processed_ chr1	1.8E+08	1.8E+08	+	0	0

ENSG0000(LINC01153	lincRNA	chr10	1.21E+08	1.21E+08	+	0	0
ENSG0000(IL21-AS1	antisense	chr4	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-196D	lincRNA	chr7	63044827	63054431	-	0	0
ENSG0000(MTCO1P44	processed_	chr2	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-473E	lincRNA	chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(PRR20D	protein_co	chr13	57160632	57163653	+	0	0
ENSG0000(OR2T7	unprocessε	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(MKRNP2	unprocessε	chr6	35443044	35449866	+	0	0
ENSG0000(RP11-165F	antisense	chr9	452492	492248	-	0	0
ENSG0000(AC068535.	lincRNA	chr2	1.04E+08	1.04E+08	+	0	0
ENSG0000(AC073621.	processed_	chr17	17422681	17423704	+	0.06	0.26
ENSG0000(DDX11L16	unprocessε	chrX	1.56E+08	1.56E+08	-	0	0
ENSG0000(DDX11L16	unprocessε	chrY	57212184	57214397	-	0	0
ENSG0000(THEM7P	transcribec	chr11	32112049	32343409	-	0	0
ENSG0000(AC092755.	sense_ovei	chr15	59644298	59672302	-	0	0
ENSG0000(RP5-1198C	processed_	chr1	44087958	44088477	-	0	0
ENSG0000(WDR11-AS	antisense	chr10	1.21E+08	1.21E+08	-	0.06	0.14
ENSG0000(STSP1	unprocessε	chrY	15547216	15593331	+	0	0
ENSG0000(RP11-570H	lincRNA	chr9	18360597	18362220	-	0	0
ENSG0000(RP1-37J18.	lincRNA	chr1	4551735	4552145	-	0	0
ENSG0000(AF178030.	antisense	chr8	1.16E+08	1.16E+08	+	0	0
ENSG0000(AC011290.	antisense	chr7	39545646	39566239	-	0	0
ENSG0000(MYL6P3	processed_	chr10	65169438	65169869	-	0.19	0
ENSG0000(RP11-214D	antisense	chr10	13528516	13530262	+	0	0
ENSG0000(AC092641.	processed_	chr2	1.7E+08	1.7E+08	-	0	0
ENSG0000(AIMP1P2	processed_	chr1	1.73E+08	1.73E+08	-	0	0
ENSG0000(PGCP1	transcribec	chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(AC013467.	processed_	chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(LINC01688	lincRNA	chr1	1.83E+08	1.83E+08	+	0	0
ENSG0000(VN1R28P	unitary_ps	chr7	57422830	57423725	-	0	0
ENSG0000(HDGFP1	processed_	chrX	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-77G2	antisense	chr10	75023475	75024251	-	0	0
ENSG0000(RP11-6C10	processed_	chr2	1.75E+08	1.75E+08	-	0	0
ENSG0000(MGAT3-AS	antisense	chr22	39475807	39476822	-	0	0
ENSG0000(AC092535.	antisense	chr4	1151372	1153701	+	0	0.03
ENSG0000(TRGC2	TR_C_gene	chr7	38239580	38249572	-	0	0
ENSG0000(RP1-45I4.3	lincRNA	chr6	1.43E+08	1.43E+08	-	0	0.57
ENSG0000(RP11-439A	lincRNA	chr1	1.21E+08	1.21E+08	+	0	0.34
ENSG0000(MIR663AH	processed_	chr20	26186920	26251526	-	0	0.5
ENSG0000(IGHD4-23	IG_D_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC009518.	antisense	chr7	1.33E+08	1.33E+08	+	0	0
ENSG0000(C6orf47-AS	antisense	chr6	31658329	31660721	+	0	0
ENSG0000(ST7-AS1	antisense	chr7	1.17E+08	1.17E+08	-	0.36	0.29
ENSG0000(RP11-121A	sense_intr	chr9	1.24E+08	1.24E+08	+	0	0
ENSG0000(CNN2P1	processed_	chr22	30046276	30047193	-	0	0

ENSG0000(SUB1P1)	processed_chr8	11790005	11790386	+	0	0
ENSG0000(RBMY2JP)	unprocessε chrY	8127130	8144203	+	0	0
ENSG0000(PFN1P9)	processed_chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(XXbac-BCX)	lincRNA chr6	29124210	29128908	+	0	0
ENSG0000(RPL31P12)	processed_chr1	72301472	72301829	+	0	0
ENSG0000(WARS2P1)	processed_chr10	80940665	80941201	-	0	0
ENSG0000(AC079145)	antisense chr2	19990217	20004210	+	0.4	0.15
ENSG0000(RP5-1100E)	processed_chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(PFN1P6)	processed_chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(SPATA13-A)	antisense chr13	24252749	24254439	-	0	0
ENSG0000(HCG15)	antisense chr6	28986203	28987484	+	0.7	0.53
ENSG0000(RP11-445L)	antisense chr6	82932601	82938677	+	0	0
ENSG0000(RP11-367J)	antisense chr1	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-203J)	antisense chr9	1.28E+08	1.28E+08	+	0.31	0
ENSG0000(RP11-69I8)	antisense chr6	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-72H1)	processed_chr3	53474700	53475089	-	0	0
ENSG0000(MTND1P14)	unprocessε chr17	19602259	19603208	+	0	0
ENSG0000(AC017101)	antisense chr2	1.87E+08	1.87E+08	-	0	0
ENSG0000(RP11-261C)	antisense chr1	2.43E+08	2.43E+08	+	0.1	0
ENSG0000(WASH7P)	unprocessε chr1	14404	29570	-	3.9	6.54
ENSG0000(CICP17)	processed_chr7	51382284	51384660	+	0	0
ENSG0000(SPANXB1)	protein_co chrX	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-365D)	processed_chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(AL672294)	antisense chr1	2.49E+08	2.49E+08	+	0	0
ENSG0000(TTC39DP)	unitary_psι chr2	38763534	38765221	+	0	0
ENSG0000(RP11-563D)	lincRNA chr1	1.94E+08	1.94E+08	+	0	0
ENSG0000(AC011998)	processed_chr2	1.78E+08	1.78E+08	+	0	0
ENSG0000(NBPF13P)	unprocessε chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(SLAMF6P1)	unprocessε chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(LINC00845)	lincRNA chr10	61016275	61026420	+	0	0
ENSG0000(RP11-136C)	lincRNA chr3	43087479	43088068	+	0	0
ENSG0000(TRIM60P13)	processed_chr13	89248818	89250100	-	0	0
ENSG0000(FAM155A-l)	sense_intrι chr13	1.08E+08	1.08E+08	-	0	0
ENSG0000(AC000374)	processed_chr7	1.27E+08	1.27E+08	+	0	0
ENSG0000(TRIM60P9)	processed_chrY	23058030	23059186	+	0	0
ENSG0000(AC105760)	antisense chr2	2.37E+08	2.37E+08	-	0.35	0.62
ENSG0000(RP11-166N)	antisense chr10	32266289	32269474	+	0	0
ENSG0000(VDAC1P12)	processed_chr13	34082429	34083310	-	0	0
ENSG0000(CDRT15P2)	unprocessε chr17	15764703	15765664	+	0	0
ENSG0000(MIS18A-AS)	antisense chr21	32277863	32280988	+	0	0
ENSG0000(RP11-330N)	processed_chr9	96918928	96919318	+	0	0
ENSG0000(SMIM2-AS)	antisense chr13	44110451	44240517	+	0.07	0.06
ENSG0000(HMGN2P2)	processed_chr2	1.01E+08	1.01E+08	-	0	0
ENSG0000(LINC01985)	lincRNA chr3	30524745	30527185	+	0	0
ENSG0000(YWHAZP7)	processed_chrX	64612632	64613262	-	0	0

ENSG00000103440	HCG4B	unprocessed	chr6	29925983	29926973	-	0.12	0
ENSG00000103441	ACTR3BP5	processed	chr10	38696424	38697902	+	0	0
ENSG00000103442	AC073464	processed	chr2	94734655	94735844	-	0	0
ENSG00000103443	RP11-305C	processed	chr3	1.36E+08	1.36E+08	+	0	0
ENSG00000103444	KLLN	protein_coding	chr10	87859161	87863437	-	0.47	0.66
ENSG00000103445	RP11-96L7	lincRNA	chr9	99183373	99184891	+	0	0
ENSG00000103446	AC009963	unprocessed	chr2	1.08E+08	1.08E+08	+	0	0
ENSG00000103447	RPL39P25	processed	chr10	75269392	75269545	-	0	0
ENSG00000103448	AC005358	antisense	chr17	12671862	12706135	-	0	0
ENSG00000103449	MTND6P1	unprocessed	chr2	1.31E+08	1.31E+08	+	0	0
ENSG00000103450	RP11-656D	antisense	chr1	40514461	40515057	-	0	0
ENSG00000103451	AC015933	antisense	chr18	27954519	27963687	+	0	0
ENSG00000103452	RP11-164D	lincRNA	chr20	59515191	59516039	+	0	0
ENSG00000103453	RPL35AP12	processed	chr4	1.63E+08	1.63E+08	+	0	0
ENSG00000103454	MARK2P10	processed	chr7	96858182	96859618	+	0	0
ENSG00000103455	RP5-837I24	processed	chr1	81501794	81503468	+	0	0
ENSG00000103456	HSFY3P	unprocessed	chrY	2881683	2883652	-	0.1	0.11
ENSG00000103457	LINC01364	lincRNA	chr1	87353524	87371655	-	0	0
ENSG00000103458	AC092170	processed	chr2	1.17E+08	1.17E+08	-	0	0
ENSG00000103459	AC009229	lincRNA	chr2	38203363	38239590	-	0	0
ENSG00000103460	AC118345	lincRNA	chr2	66235377	66236213	-	0	0
ENSG00000103461	AC016994	antisense	chr2	1.07E+08	1.07E+08	+	0	0
ENSG00000103462	ELL2P1	processed	chr1	1.58E+08	1.58E+08	-	0	0
ENSG00000103463	RP4-718J7	lincRNA	chr20	57599695	57601200	-	0	0
ENSG00000103464	ARAFP3	processed	chr7	63342711	63343200	+	0	0
ENSG00000103465	KRT16P2	transcribed	chr17	16829999	16832830	-	0	0
ENSG00000103466	RP11-384P	lincRNA	chr9	33719690	33722555	+	0	0
ENSG00000103467	SSXP9	unprocessed	chrX	48322349	48326683	+	0	0
ENSG00000103468	GS1-256O2	antisense	chrX	1.43E+08	1.44E+08	+	0	0
ENSG00000103469	RP11-791G	transcribed	chr4	82494786	82496278	-	0.02	0
ENSG00000103470	RP11-340I6	lincRNA	chr7	63393788	63422046	+	0	0
ENSG00000103471	AP006285	lincRNA	chr11	1688297	1689056	+	0	0
ENSG00000103472	RP11-951I6	lincRNA	chr10	1.21E+08	1.21E+08	-	0	0
ENSG00000103473	AC009502	lincRNA	chr2	2.2E+08	2.2E+08	+	0.06	0.34
ENSG00000103474	AC140076	processed	chr3	17465150	17465510	+	0	0
ENSG00000103475	RP1-228H1	processed	chr1	40333078	40333557	-	0	0
ENSG00000103476	RP11-496D	processed	chr1	24563627	24563974	+	0	0
ENSG00000103477	RP11-309N	lincRNA	chr10	35896874	35898963	-	0	0
ENSG00000103478	MTND4P15	unprocessed	chr9	92110865	92111897	+	0	0
ENSG00000103479	RP11-258C	processed	chrX	53164391	53164557	-	0	0
ENSG00000103480	AP000998	lincRNA	chr21	18022370	18114904	-	0	0
ENSG00000103481	AC005042	processed	chr2	1.59E+08	1.59E+08	+	0	0
ENSG00000103482	IGHJ1P	IG_J_pseudogene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000103483	LINC00434	lincRNA	chr13	60214352	60214946	-	0	0
ENSG00000103484	RPL23AP43	processed	chr3	32785646	32786116	+	0	0

ENSG0000(RP11-195B)	lincRNA	chr10	3266003	3267015	+	0	0
ENSG0000(THRAP3P1)	processed	chr3	31452832	31455894	+	0	0
ENSG0000(LINC00307)	lincRNA	chr21	30209151	30211783	-	0	0
ENSG0000(RPL15P1)	processed	chr20	18090116	18090715	-	0	0
ENSG0000(HAUS6P1)	processed	chr7	53187388	53188938	+	0	0.09
ENSG0000(PARG)	protein_co	chr10	49818279	49970203	-	7.17	6.94
ENSG0000(HNRNPKP2)	processed	chr2	1.36E+08	1.36E+08	-	0	0
ENSG0000(MTND5P25)	unprocess	chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(CEACAMP7)	unprocess	chr19	42949503	42950387	-	0	0
ENSG0000(RP11-438P)	processed	chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(NANOGP6)	processed	chr10	99788564	99789410	-	0	0
ENSG0000(ARHGEF7-)	antisense	chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000(RAB28P3)	processed	chr9	42492663	42493570	+	0	0
ENSG0000(RBM26-AS)	antisense	chr13	79406309	79424328	+	1.08	0.9
ENSG0000(RP11-162D)	antisense	chr9	1.21E+08	1.21E+08	+	0.16	0.14
ENSG0000(LINC00866)	lincRNA	chr10	97828478	97849798	-	0	0
ENSG0000(RP11-180I4)	processed	chr9	95652912	95653266	+	0	0
ENSG0000(AC017074)	lincRNA	chr2	1.14E+08	1.14E+08	-	0.89	0.28
ENSG0000(RP11-518I1)	lincRNA	chr6	1.56E+08	1.56E+08	-	0	0
ENSG0000(RPS24P7)	processed	chr2	61803143	61803388	+	0	0
ENSG0000(AC018685)	lincRNA	chr2	2729908	2730957	-	0	0
ENSG0000(AC008060)	antisense	chr7	1.56E+08	1.56E+08	+	0	0
ENSG0000(SLC9B1P4)	unprocess	chr22	16428947	16476870	-	0	0
ENSG0000(CDK8P2)	processed	chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP4-669P1)	processed	chr22	42132543	42132998	+	0	0
ENSG0000(RP11-3L10)	processed	chr7	1.21E+08	1.21E+08	+	0	0
ENSG0000(TP73-AS1)	transcribec	chr1	3735601	3747336	-	8.31	9.42
ENSG0000(RP11-160H)	lincRNA	chr1	1.74E+08	1.74E+08	-	0	0
ENSG0000(RP11-109A)	lincRNA	chr10	1.3E+08	1.3E+08	+	0	0.17
ENSG0000(DLG1-AS1)	antisense	chr3	1.97E+08	1.97E+08	+	0	0
ENSG0000(FTH1P16)	processed	chr11	77734475	77735026	-	0.13	0.13
ENSG0000(PPIAP2)	processed	chr20	25368275	25368766	-	0	0
ENSG0000(EIF4A2P2)	processed	chr10	73199826	73201225	+	0	0
ENSG0000(RP11-571F)	processed	chr9	34191555	34191881	+	0	0
ENSG0000(AC091705)	lincRNA	chr7	25547762	25551062	-	0	0
ENSG0000(RP11-112J)	lincRNA	chr9	35772163	35790432	+	0	0
ENSG0000(SALL1P1)	processed	chrX	49664844	49668680	-	0	0
ENSG0000(HPN-AS1)	antisense	chr19	35059059	35106304	-	0	0
ENSG0000(RP6-127F1)	processed	chrX	29369001	29369845	-	0	0
ENSG0000(AC007386)	processed	chr2	64960053	64960634	-	0	0
ENSG0000(EIF2AP4)	processed	chr10	44806443	44808223	+	0	0
ENSG0000(CTD-2526L)	processed	chr7	63789909	63790098	+	0	0
ENSG0000(KIF9-AS1)	antisense	chr3	47164497	47246601	+	0.56	0.71
ENSG0000(RP11-118F)	processed	chr9	92006062	92006544	+	0	0
ENSG0000(AC012501)	sense_ove	chr2	1.53E+08	1.54E+08	-	0	0

ENSG0000(RPL37P1)	processed_chr20	35588324	35588607	+	0	0
ENSG0000(LINC01806)	lincRNA_chr2	1.61E+08	1.61E+08	+	0.08	0
ENSG0000(KRT8P20)	processed_chr7	38655205	38656613	+	0	0
ENSG0000(RNF6P1)	processed_chr21	39373763	39377066	-	0	0
ENSG0000(AC008746)	antisense_chr19	54430654	54434698	-	0	0.3
ENSG0000(AMYP1)	unprocessed_chr1	1.04E+08	1.04E+08	+	0	0
ENSG0000(ZMYM4-AS)	antisense_chr1	35358822	35366077	-	0	0
ENSG0000(BAATP1)	unitary_psi_chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(STK33P1)	processed_chr9	85492579	85494094	+	0	0
ENSG0000(RP5-1042K)	processed_chr22	40433136	40433641	+	0	0
ENSG0000(RP11-109P)	processed_chr1	37782457	37782885	-	0	0
ENSG0000(RP11-397P)	processed_chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(PCGEM1)	lincRNA_chr2	1.93E+08	1.93E+08	+	0	0
ENSG0000(LINC01724)	lincRNA_chr1	1.96E+08	1.96E+08	-	0	0
ENSG0000(OR10U1P)	unprocessed_chr12	55193882	55194786	-	0	0
ENSG0000(MRPS21P2)	processed_chr1	1.58E+08	1.58E+08	+	0	0
ENSG0000(VN1R33P)	unitary_psi_chr7	63401385	63402271	-	0	0
ENSG0000(RP1-49C23)	processed_chrX	57766320	57767292	+	0	0
ENSG0000(AC019185)	processed_chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(CSE1L-AS1)	antisense_chr20	49040463	49046044	-	0	0
ENSG0000(AC053503)	antisense_chr2	2.19E+08	2.2E+08	-	0	0
ENSG0000(AC069213)	processed_chr3	1.95E+08	1.95E+08	+	0	0
ENSG0000(RNF19BPX)	processed_chrX	90209796	90210420	-	0	0
ENSG0000(FCF1P1)	processed_chr7	23619333	23622826	+	0	0
ENSG0000(RPS8P4)	processed_chr10	1.2E+08	1.2E+08	+	0	0
ENSG0000(AP001471)	antisense_chr21	46093264	46097530	-	0.7	0.33
ENSG0000(TTTY17B)	lincRNA_chrY	24485332	24486463	+	0	0
ENSG0000(ATP5G1P4)	processed_chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-344A)	processed_chr9	21638285	21638676	+	0	0
ENSG0000(AC007322)	unprocessed_chrY	21918935	21921106	+	0	0
ENSG0000(OR10R1P)	unprocessed_chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(XGY1)	unprocessed_chrY	12440046	12507369	-	0	0
ENSG0000(FGF7P6)	transcribed_chr9	62376161	62435199	+	0.37	0.33
ENSG0000(HNRNPA1F)	processed_chr1	54536796	54537758	+	0	0
ENSG0000(MTND4P3C)	unprocessed_chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RP11-300M)	lincRNA_chr6	1.65E+08	1.65E+08	+	0	0
ENSG0000(LINC00310)	lincRNA_chr21	34157724	34190244	+	0.11	0.23
ENSG0000(AC079612)	lincRNA_chr2	2.4E+08	2.4E+08	+	0	0
ENSG0000(PSME2P6)	processed_chr10	22225698	22226024	+	0	0
ENSG0000(RP11-158D)	lincRNA_chr9	84063443	84094577	+	0	0
ENSG0000(GPN3P1)	processed_chr10	25647570	25648104	-	0	0
ENSG0000(RP11-397C)	antisense_chr1	66042500	66050718	-	0	0
ENSG0000(LINC01537)	lincRNA_chr11	72570660	72573229	+	0.07	0.05
ENSG0000(AC073415)	processed_chr2	1.09E+08	1.09E+08	+	0	2.78
ENSG0000(AKR1B15)	protein_co_chr7	1.35E+08	1.35E+08	+	0.17	0.19

ENSG0000(TSSK5P	unitary_psi	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(RPL6P24	processed_	chr10	13591460	13592323	-	0	0
ENSG0000(RP11-810B	lincRNA	chr10	36089086	36089389	-	0	0
ENSG0000(STK4-AS1	lincRNA	chr20	44963794	44966402	-	0.53	0.42
ENSG0000(AC124861.	lincRNA	chr2	2.4E+08	2.4E+08	-	0	0
ENSG0000(CCDC148-A	antisense	chr2	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-89N1	antisense	chr7	33730292	33732064	-	0	0.67
ENSG0000(RP11-18B1	lincRNA	chr9	1.14E+08	1.14E+08	+	0	0.05
ENSG0000(XX-C283C7	antisense	chr22	50314631	50316008	+	0	0
ENSG0000(RP11-5P4.2	lincRNA	chr1	63024207	63025658	+	0	0
ENSG0000(RP13-188A	lincRNA	chrX	55908123	56015173	+	0.36	0
ENSG0000(NCAM1-AS	antisense	chr11	1.13E+08	1.13E+08	-	0	0
ENSG0000(GAGE12D	protein_co	chrX	49541767	49549094	+	0	0
ENSG0000(AC006458.	lincRNA	chr7	15066207	15068651	+	0	0
ENSG0000(CCNJP1	processed_	chr7	56228634	56229782	-	0	0
ENSG0000(RP11-316M	antisense	chr10	1E+08	1E+08	+	0	0
ENSG0000(RP11-104D	unprocessε	chrX	51030422	51031357	-	0	0
ENSG0000(USP9YP14	unprocessε	chrY	18481087	18487400	+	0	0
ENSG0000(AC109333.	antisense	chr17	5019214	5020093	-	0	0
ENSG0000(RP11-145A	antisense	chr1	2.26E+08	2.26E+08	+	0.04	0.04
ENSG0000(PABPC1P6	processed_	chr2	91877969	91880195	+	0	0
ENSG0000(AC018359.	lincRNA	chr3	34524818	34543880	-	0	0
ENSG0000(RP11-419N	processed_	chr7	55877912	55878164	+	0	0
ENSG0000(SCAMP4	protein_co	chr19	1905214	1926013	+	38.09	34.27
ENSG0000(LINC01268	lincRNA	chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-434J	processed_	chrX	1.48E+08	1.48E+08	+	0	0
ENSG0000(LTB	protein_co	chr6	31580525	31582522	-	0	0.1
ENSG0000(LINC01624	lincRNA	chr6	1.7E+08	1.7E+08	+	0	0
ENSG0000(LINC01839	lincRNA	chr3	1.85E+08	1.85E+08	+	0	0
ENSG0000(LINC01442	lincRNA	chr13	60917001	60941768	+	0	0
ENSG0000(GS1-466O4	unprocessε	chrX	26170052	26170913	+	0	0
ENSG0000(RP11-413N	antisense	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(AC114755.	processed_	chr2	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-709P	processed_	chr8	1.13E+08	1.13E+08	+	0	0
ENSG0000(C1DP4	processed_	chr10	80040621	80041044	-	0	0
ENSG0000(RP5-973N2	lincRNA	chr6	41868622	41869731	+	0	0
ENSG0000(LINC01483	lincRNA	chr17	69577251	69903000	+	0	0.14
ENSG0000(XXyac-YRM	antisense	chr9	27657	30891	+	0	0.03
ENSG0000(CTA-342B1	lincRNA	chr22	31963357	31970400	+	0	0
ENSG0000(RP13-213K	processed_	chrX	94319038	94320025	+	0	0
ENSG0000(RPS20P15	processed_	chr3	27462506	27462816	+	0	0
ENSG0000(RPL7P6	processed_	chr12	19089151	19089888	+	0	0
ENSG0000(RP11-223A	sense_ovei	chr1	42335386	42338376	-	0	0
ENSG0000(DIAPH3-AS	antisense	chr13	60012751	60044357	+	0	0
ENSG0000(RP11-202G	lincRNA	chr9	1.11E+08	1.11E+08	-	0	0

ENSG0000(AC002542. processed_ chr7	1.17E+08	1.17E+08 -	0	0
ENSG0000(SLC2A1-AS lincRNA chr1	42959049	42983358 +	0.8	1.06
ENSG0000(RP3-323B6 processed_ chrX	65469087	65470380 +	0	0
ENSG0000(RP11-809N sense_ovei chr6	1.05E+08	1.05E+08 -	0	0
ENSG0000(SOCS5P4 processed_ chrX	71043214	71045470 -	0.07	0.16
ENSG0000(RP11-215C processed_ chr10	23258211	23258545 +	0	0
ENSG0000(HNRNPFP1 processed_ chr1	42040597	42041729 +	0	0
ENSG0000(DNAJC9-AS antisense chr10	73252791	73254349 +	1.7	1.66
ENSG0000(SFR1P1 processed_ chrX	1.2E+08	1.2E+08 -	0	0
ENSG0000(AC092614. lincRNA chr2	1.91E+08	1.91E+08 -	0.61	0.83
ENSG0000(SPAG5-AS1 processed_ chr17	28598790	28617377 +	0.11	0.17
ENSG0000(AC018647. lincRNA chr7	35715034	35734887 +	0.3	0.1
ENSG0000(RP5-905H7 processed_ chr7	63349154	63350059 -	0	0
ENSG0000(OR4A2P unprocessε chr11	54667298	54668210 +	0	0
ENSG0000(AC116035. lincRNA chr3	30524990	30526213 -	0	0
ENSG0000(TRBV7-5 TR_V_pseu chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(USP17L12 protein_co chr4	9220152	9221744 +	0	0
ENSG0000(RP11-444D antisense chr1	1.84E+08	1.84E+08 -	0	0
ENSG0000(MIR4290H lincRNA chr9	90020654	90041499 -	0	0
ENSG0000(RP11-472F unprocessε chr1	78317157	78317263 -	0	0
ENSG0000(MTND3P9 processed_ chr2	1.43E+08	1.43E+08 -	0	0
ENSG0000(RPS15AP3C processed_ chr10	1.13E+08	1.13E+08 +	0	0
ENSG0000(RP11-796I2 antisense chr7	1.52E+08	1.52E+08 -	0	0
ENSG0000(RNF11P2 processed_ chr20	14547184	14547623 -	0	0
ENSG0000(LINC00376 lincRNA chr13	63183101	63328094 -	0	0
ENSG0000(SNX18P26 processed_ chr13	18807279	18808018 -	0	0.1
ENSG0000(RP5-1166A processed_ chr7	1.23E+08	1.23E+08 +	0	0
ENSG0000(RP13-1039 antisense chr2	1.1E+08	1.1E+08 +	0	0.18
ENSG0000(RPS3AP53 processed_ chr3	15141380	15142157 +	0	0
ENSG0000(RP1-35C21 lincRNA chr1	1.77E+08	1.78E+08 -	0	0
ENSG0000(RP13-140E processed_ chrX	90039213	90039834 -	0	0
ENSG0000(ADGRF5P1 transcribec chr9	62860873	62864957 -	0	0
ENSG0000(RPS3AP37 processed_ chr10	68674356	68675100 +	0	0
ENSG0000(MTND4P5 unprocessε chr7	57192695	57194068 +	0	0
ENSG0000(RP11-103C processed_ chr1	2.22E+08	2.22E+08 -	0	0
ENSG0000(RPS26P39 processed_ chr10	1.23E+08	1.23E+08 -	0	0
ENSG0000(CNTN4-AS2 lincRNA chr3	2110409	2144241 -	0	0
ENSG0000(RP5-1092A antisense chr1	3658938	3668772 -	0	0
ENSG0000(ATP5G1P5 processed_ chr13	1.07E+08	1.07E+08 +	0	0
ENSG0000(RP1-28O1C antisense chr1	2.1E+08	2.1E+08 -	1.6	1.31
ENSG0000(PIGFP3 processed_ chrX	30017160	30017881 -	0	0
ENSG0000(PHBP16 processed_ chr11	94055023	94055972 -	0	0
ENSG0000(WASF1P1 processed_ chr2	1.08E+08	1.08E+08 +	0	0
ENSG0000(RP1-167A1 antisense chr6	1.67E+08	1.67E+08 -	0	0
ENSG0000(RP4-753D4 antisense chr20	42968743	42971492 +	0	0

ENSG0000(RP3-445N2 sense_intron) chr6	56331788	56332117	-	0	0
ENSG0000(RP11-165J) antisense chr9	93435332	93437121	-	0.29	0.32
ENSG0000(TOMM22P processed) chr13	32954057	32954401	-	0	0
ENSG0000(AC005392) lincRNA chr19	43153279	43160862	+	0	0
ENSG0000(SUMO2P2 processed) chr9	23632106	23632360	+	0	0
ENSG0000(TMEM183) processed) chr6	29577459	29577748	+	0	0
ENSG0000(FRMPD3-A antisense chrX	1.08E+08	1.08E+08	-	0	0
ENSG0000(LINC01074 lincRNA chr13	62321305	62322398	+	0	0
ENSG0000(QRSL1P2 processed) chr1	2.22E+08	2.22E+08	-	0	0
ENSG0000(RP11-864N processed) chr11	74745716	74746114	-	0	0.25
ENSG0000(AC063976) unprocessed) chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(CERS6-AS1 processed) chr2	1.69E+08	1.69E+08	-	0	0
ENSG0000(RP11-492E lincRNA chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(ALG1L8P unprocessed) chr11	67785273	67792335	+	0	0
ENSG0000(PHBP11 processed) chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(AC073987) processed) chr2	1.03E+08	1.03E+08	+	0	0
ENSG0000(SNRPEP3 processed) chr16	20238972	20239247	-	0	0
ENSG0000(RP11-520H processed) chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(RP1-101K1 antisense chr6	1.53E+08	1.53E+08	+	0.3	0.74
ENSG0000(SLC25A15P unprocessed) chrY	26586642	26591601	-	0	0
ENSG0000(LINC01132 lincRNA chr1	2.35E+08	2.35E+08	+	0	0.03
ENSG0000(AC018804) unprocessed) chr2	1.3E+08	1.3E+08	+	0.18	0.19
ENSG0000(RBMY2YP unprocessed) chrY	25266584	25273531	+	0	0
ENSG0000(LINC01714 lincRNA chr1	8202429	8215210	+	0	0
ENSG0000(USP9YP21 unprocessed) chrY	25933833	25935881	-	0	0
ENSG0000(HNRNPA1F processed) chr9	88410529	88411463	-	0	0
ENSG0000(SOX21-AS1 lincRNA chr13	94712716	94716246	+	0	0
ENSG0000(HIGD1AP1) processed) chr1	53073110	53073389	-	0	0
ENSG0000(RPL7P54 processed) chrX	78763226	78763899	+	0	0
ENSG0000(STEAP2-AS processed) chr7	89882353	90211635	-	0	0
ENSG0000(MTND6P3) processed) chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(ISCA1P6 processed) chr2	1.29E+08	1.29E+08	-	0	0
ENSG0000(SERPINA7P unprocessed) chrX	1.07E+08	1.07E+08	-	0	0
ENSG0000(AC005160) sense_intron) chr7	40775558	40785217	+	0	0
ENSG0000(CLYBL-AS2 antisense chr13	99690081	99690971	-	0	0
ENSG0000(UST-AS1 antisense chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(MTCO3P18 unprocessed) chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RPL7P2 processed) chr20	2075555	2075822	+	0	0
ENSG0000(CYCSP24 processed) chr9	94038030	94038345	+	0.32	0
ENSG0000(RP11-331H processed) chr1	1.63E+08	1.63E+08	-	0	0
ENSG0000(RP11-488L) transcribed) chr1	2.47E+08	2.47E+08	-	16.39	16.54
ENSG0000(RP11-243J) antisense chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(LINC00355 lincRNA chr13	63986371	64076011	-	0.03	0
ENSG0000(LINC01068 lincRNA chr13	79566727	79571436	+	0	0.27
ENSG0000(RP11-7306) antisense chr6	1.3E+08	1.3E+08	-	0	0.3

ENSG0000(RP11-453N processed_ chr10	38762095	38762491	-	0	0
ENSG0000(AC108051. lincRNA chr2	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-307P lincRNA chr6	1.48E+08	1.48E+08	+	0	0
ENSG0000(ATP5A1P2 transcribed chr2	1.55E+08	1.55E+08	+	0.54	0.4
ENSG0000(RP11-445N lincRNA chr10	45164228	45181427	-	0	0
ENSG0000(CROCCP4 transcribed chr1	16740280	16750968	+	0.36	0
ENSG0000(LINC02088 lincRNA chr17	20612912	20633234	-	0	0
ENSG0000(RP4-681L3. antisense chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(HNRNPA3P unprocessed chr20	36620403	36621423	+	0	0
ENSG0000(SRP68P2 processed_ chr17	18527557	18528461	+	0	0
ENSG0000(MED28P3 processed_ chr2	1.86E+08	1.86E+08	+	0	0
ENSG0000(GSTM3P1 processed_ chr20	21501395	21501968	+	0	0
ENSG0000(RPL23AP74 processed_ chr17	61069871	61070341	+	0	0
ENSG0000(DNMBP-AS antisense chr10	99927010	99958381	+	0	0
ENSG0000(AP001619. sense_intronic chr21	41874756	41877613	-	0.18	0
ENSG0000(RP11-301M processed_ chr1	1.48E+08	1.48E+08	+	0.14	0
ENSG0000(LINC00111 lincRNA chr21	41679181	41697336	+	0	0
ENSG0000(RP1-266L2. antisense chr6	1.7E+08	1.7E+08	+	0	0
ENSG0000(RP11-15M. antisense chr20	53196229	53208705	-	0	0
ENSG0000(RP11-301G lincRNA chr6	67887646	67889339	-	0	0
ENSG0000(SDAD1P3 processed_ chr3	33771963	33772295	+	0	0
ENSG0000(LINC01850 lincRNA chr2	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP11-118D processed_ chr3	1.56E+08	1.56E+08	-	0	0
ENSG0000(LL22NC03. unprocessed chr22	22168289	22168634	+	0	0
ENSG0000(FAM166AP unprocessed chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(RP11-418J. lincRNA chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(AC116609. lincRNA chr2	724966	731224	-	0	0
ENSG0000(MTND6P18 processed_ chr13	95693983	95694495	-	0	0
ENSG0000(AP000459. lincRNA chr21	23477641	23490724	+	0	0
ENSG0000(RP11-578F unprocessed chr15	28553638	28561379	+	0	0
ENSG0000(AC016730. lincRNA chr2	13723048	13758152	+	0	0
ENSG0000(AC006042. antisense chr7	8114025	8116561	+	0	0
ENSG0000(RPSAP64 processed_ chr21	38894917	38895252	+	0	0
ENSG0000(RP5-1059H transcribed chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(CTA-31J9.2 lincRNA chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(GCOM2 processed_ chr4	68038544	68039647	+	0.06	0
ENSG0000(AP001271. sense_intronic chr11	70477277	70477592	-	0	0
ENSG0000(RP11-690C unprocessed chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RD3L protein_coding chr14	1.04E+08	1.04E+08	-	0	0
ENSG0000(MTND6P5 unprocessed chr9	5091093	5091604	+	0	0
ENSG0000(RP4-565E6 lincRNA chr1	1.48E+08	1.48E+08	-	0.69	0.76
ENSG0000(RP11-49L2. antisense chr10	19290223	19291480	-	0	0
ENSG0000(CYCSP5 processed_ chr1	2.45E+08	2.45E+08	-	0	0
ENSG0000(MTCO3P16 unprocessed chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(OR8B1P unprocessed chr11	1.24E+08	1.24E+08	-	0	0

ENSG0000(AC092646. processed_ chr2	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-318C lincRNA chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-536C antisense chr1	1.6E+08	1.6E+08	-	0.04	0
ENSG0000(CALR4P unitary_ps chr1	51561866	51594897	-	0	0
ENSG0000(RP4-745K6 lincRNA chr7	1.22E+08	1.22E+08	-	0	0
ENSG0000(LINC01940 lincRNA chr2	2.39E+08	2.39E+08	-	0.09	0.14
ENSG0000(AC098826. unprocessε chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-16L9. processed_ chr1	1.99E+08	1.99E+08	+	0	0
ENSG0000(RP11-497D lincRNA chr6	1.47E+08	1.47E+08	+	0	0
ENSG0000(RP1-20B21 antisense chr1	17406760	17407382	+	0	0
ENSG0000(RP11-216N processed_ chr8	86016819	86017126	+	0	0
ENSG0000(AP000344. transcribec chr22	23446598	23460833	+	0.12	0.13
ENSG0000(AP000282. antisense chr21	32913649	33071104	-	0	0
ENSG0000(HCG9P5 unprocessε chr6	29748289	29748513	+	0	0
ENSG0000(VT11BP4 processed_ chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP11-298E processed_ chr12	14192002	14192284	+	0	0
ENSG0000(GUSBP8 unprocessε chr5	99532628	99534611	+	0	0
ENSG0000(LINC01693 lincRNA chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(MYL12BP2 processed_ chr4	1.84E+08	1.84E+08	-	0	0
ENSG0000(HCG4P5 unprocessε chr6	29942075	29943067	-	0.68	0.54
ENSG0000(AC072062. antisense chr2	2.15E+08	2.15E+08	+	0	0
ENSG0000(RPL7P12 processed_ chr2	38231568	38232317	+	0.09	0.1
ENSG0000(ASH1L-IT1 sense_intr chr1	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP1-283E3 transcribec chr1	1724512	1737251	+	0.06	0.07
ENSG0000(AKR1D1P1 processed_ chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP4-738P1 processed_ chr1	1.69E+08	1.69E+08	+	0	0
ENSG0000(GS1-164F2 processed_ chrX	1.41E+08	1.41E+08	+	0	0
ENSG0000(CTC-529I1 antisense chr17	16040472	16041273	+	0.4	0.09
ENSG0000(ZNF965P processed_ chr13	18734080	18734896	+	0	0
ENSG0000(AC092013. processed_ chr7	85636013	85636344	-	0	0
ENSG0000(MTCO3P43 processed_ chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(MTCYBP7 processed_ chr2	82818131	82819264	+	0	0
ENSG0000(AC015922. transcribec chr17	15829369	15908632	+	0.25	0
ENSG0000(AC007365. processed_ chr2	64665607	64666064	+	0	0
ENSG0000(MTND4LP9 processed_ chr3	29797652	29797825	-	0	0
ENSG0000(AC012358. processed_ chr2	55224280	55225908	+	0.04	0.04
ENSG0000(IGHD4-17 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(DNAJB3 transcribec chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(RP11-239H antisense chr6	20212087	20317739	+	0	0
ENSG0000(RPL21P90 processed_ chr10	95999778	96000243	-	0	0
ENSG0000(OR5W1P unprocessε chr11	55903341	55904278	-	0	0
ENSG0000(RP11-171A lincRNA chr9	74371531	74383530	+	0	0
ENSG0000(FAM212B- antisense chr1	1.12E+08	1.12E+08	+	0.4	0.36
ENSG0000(RP1-180M: processed_ chr22	31890344	31891434	-	0	0
ENSG0000(MRPS17P9 processed_ chrX	1.19E+08	1.19E+08	+	0	0

ENSG0000(RP11-195C unprocessed)	chr1	1.76E+08	1.76E+08	+	0	0
ENSG0000(ARHGAP42 unprocessed)	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-227F lincRNA)	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(AC122136 lincRNA)	chr2	2.16E+08	2.16E+08	+	0	0.18
ENSG0000(SLC9A7P1 transcribed)	chr12	98453835	98457145	-	0.02	0.04
ENSG0000(RP11-958N unprocessed)	chr16	16356224	16377507	+	0.05	0.25
ENSG0000(TRIM60P3 processed)	chrY	8413037	8414054	-	0	0
ENSG0000(ST13P21 processed)	chr1	1.09E+08	1.09E+08	+	0	0
ENSG0000(AP003385 unitary)	chr11	67651576	67653404	-	0	0
ENSG0000(CARM1P1 transcribed)	chr9	2907073	3053408	-	0	0
ENSG0000(AC008850 processed)	chr5	96942299	96943184	+	0	0
ENSG0000(TRIM60P11 processed)	chrY	24691791	24692932	+	0	0
ENSG0000(RP1-213J1 lincRNA)	chr22	27676559	27714970	-	0	0.09
ENSG0000(KRTAP8-3P unprocessed)	chr21	30806932	30807119	-	0	0
ENSG0000(MTND5P31 unprocessed)	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(AC093166 processed)	chr2	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-184B processed)	chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000(UGT1A11P unprocessed)	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(RP11-420H processed)	chr7	1.25E+08	1.25E+08	+	0	0
ENSG0000(SUCLA2-AS antisense)	chr13	48001389	48002552	+	0	0
ENSG0000(SEPT2P1 processed)	chr1	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-381K lincRNA)	chr10	1.11E+08	1.11E+08	-	0	0
ENSG0000(RPS29P17 processed)	chr9	35592786	35592951	+	0	0
ENSG0000(RP11-307C processed)	chr1	2.39E+08	2.39E+08	-	0	0
ENSG0000(DPY19L2P3 transcribed)	chr7	29650227	29742594	+	0.1	0.07
ENSG0000(RP4-533D7 antisense)	chr1	46134531	46139081	+	0	0
ENSG0000(MTND5P18 processed)	chr1	2.38E+08	2.38E+08	-	0	0
ENSG0000(HNRNPA1P processed)	chr13	80619098	80620067	-	0	0
ENSG0000(AC002383 lincRNA)	chr7	89443974	89494262	+	0	0
ENSG0000(ARL5AP1 processed)	chrX	1.19E+08	1.19E+08	-	0	0
ENSG0000(ELOCP11 processed)	chrY	25991241	25991572	-	0	0
ENSG0000(C1orf234 protein)	chr1	23010834	23015850	-	0	0
ENSG0000(RP11-807H lincRNA)	chr7	1.25E+08	1.25E+08	+	0	0
ENSG0000(USP9YP12 unprocessed)	chrY	23945927	23952293	-	0	0
ENSG0000(RP3-389A2 processed)	chrX	17769005	17769398	-	0	0
ENSG0000(GRAMD4P processed)	chr21	13665868	13667546	-	0	0
ENSG0000(RPL23AP8 processed)	chr1	12080293	12080547	-	0	0
ENSG0000(MRLN protein)	chr10	59736692	59756041	-	0	0
ENSG0000(AC114760 processed)	chr2	1.96E+08	1.96E+08	-	0	0
ENSG0000(PSPC1P1 unprocessed)	chr13	19201637	19227432	-	0	0
ENSG0000(RP11-46E1 lincRNA)	chr22	27457247	27460060	-	0.08	0
ENSG0000(ASS1P5 processed)	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(THAP12P6 processed)	chr13	26234213	26237129	+	0	0
ENSG0000(ATP6V0E1F processed)	chr1	47550196	47550753	+	0	0
ENSG0000(RP11-79N2 lincRNA)	chr6	53740749	53747022	-	0.07	0

ENSG0000(RPS26P13)	processed_chr1	2.09E+08	2.09E+08	-	0	0
ENSG0000(FAM66A)	lincRNA_chr8	12362019	12388296	+	0.14	0.78
ENSG0000(PSMA2P3)	processed_chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(OR5P4P)	unprocessε chr11	7745990	7746906	+	0	0
ENSG0000(LINC00352)	lincRNA_chr13	23498796	23502874	+	0	0.2
ENSG0000(ISX-AS1)	lincRNA_chr22	34997719	35002862	-	0	0
ENSG0000(RP11-77P6)	antisense_chr10	86521945	86525101	+	0.28	0.23
ENSG0000(AC062032)	lincRNA_chr2	1.47E+08	1.47E+08	+	0	0
ENSG0000(MED6P1)	processed_chr10	88048135	88049823	-	0	0
ENSG0000(SNAP25-AS)	antisense_chr20	10021978	10368776	-	0	0
ENSG0000(RP11-102C)	antisense_chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(FLJ31104)	antisense_chr5	55995167	56003649	+	0.26	0.31
ENSG0000(RP11-73B2)	transcribec chr7	63924787	63926306	-	0	0
ENSG0000(RP11-141M)	lincRNA_chr13	33333679	33335277	-	0	0
ENSG0000(RP11-69C1)	lincRNA_chr10	2166332	2169460	+	0	0
ENSG0000(KRT8P44)	processed_chr6	1.63E+08	1.63E+08	+	0	0
ENSG0000(RP11-130C)	antisense_chr9	673478	685555	-	0.05	0
ENSG0000(ELOCP16)	unprocessε chrY	23678504	23678835	+	0	0
ENSG0000(RP11-143M)	lincRNA_chr9	100804	102941	-	0	0
ENSG0000(AL353997)	unprocessε chr17	18452955	18453062	+	0	0
ENSG0000(RP1-153P1)	lincRNA_chr6	37545145	37550860	+	0	0
ENSG0000(SPTLC1P5)	processed_chr13	77659413	77659664	+	0	0
ENSG0000(RP5-905H7)	processed_chr7	63354033	63354365	+	0	0
ENSG0000(RBPJP6)	processed_chr9	42497704	42499134	-	0	0
ENSG0000(LINC01655)	lincRNA_chr1	2.22E+08	2.22E+08	-	1.94	0.43
ENSG0000(MACROD2)	sense_intrε chr20	14554384	14636524	+	0	0
ENSG0000(SRGAP3-AS)	antisense_chr3	9216895	9219508	+	0	0
ENSG0000(AC009508)	lincRNA_chr7	23891704	23897335	-	0	0
ENSG0000(RP13-16H1)	transcribec chr10	26664206	26697295	-	0	0
ENSG0000(RP11-331F)	antisense_chr9	35646270	35647099	+	0	0
ENSG0000(RP11-423F)	processed_chr1	2.31E+08	2.31E+08	+	0	0
ENSG0000(RP6-102O1)	lincRNA_chr1	57386576	57387450	+	0	0
ENSG0000(MTND2P3C)	processed_chr1	81080790	81081171	+	0	0
ENSG0000(AC104695)	lincRNA_chr2	28448167	28450184	-	0	0
ENSG0000(RPL3P2)	processed_chr6	31280317	31281519	+	0	0
ENSG0000(LINC01696)	lincRNA_chr1	2.09E+08	2.09E+08	+	0	0
ENSG0000(UQCRBP2)	processed_chr1	1.63E+08	1.63E+08	-	0	0
ENSG0000(FRMD8P1)	processed_chrX	65550898	65552421	-	0	0
ENSG0000(RP11-103C)	antisense_chr6	1.28E+08	1.28E+08	+	0	0
ENSG0000(AC007383)	lincRNA_chr2	2.06E+08	2.06E+08	+	5.4	4.92
ENSG0000(LINC01738)	lincRNA_chr1	47688463	47703383	+	0	0
ENSG0000(AC003989)	processed_chr7	1.11E+08	1.11E+08	+	0	0
ENSG0000(CYCSP46)	processed_chrY	14941547	14941750	-	0	0
ENSG0000(RP11-312B)	processed_chr1	6834333	6834618	-	0	0
ENSG0000(RPL18AP17)	processed_chr13	72460132	72460329	-	0	0

ENSG0000(LINC01341 processed_ chr1	2.47E+08	2.47E+08 +	1.24	0.53
ENSG0000(TARID antisense chr6	1.34E+08	1.34E+08 -	0.22	0.41
ENSG0000(RP11-399H lincRNA chr9	1.35E+08	1.35E+08 -	0	0
ENSG0000(RP11-276H antisense chr1	16155211	16157329 +	0.41	0.38
ENSG0000(RP5-837I24 sense_intr chr1	81505099	81506296 +	0	0
ENSG0000(RP11-382D processed_ chr1	2.35E+08	2.35E+08 +	0	0
ENSG0000(RP5-1074L antisense chr1	1.1E+08	1.1E+08 -	0	0
ENSG0000(LINC01429 lincRNA chr20	51831797	51862912 -	0	0
ENSG0000(AC098592. processed_ chr7	16888621	16888885 +	0	0
ENSG0000(BUB3P1 processed_ chr7	1.09E+08	1.09E+08 -	0	0
ENSG0000(NPM1P22 processed_ chr13	67831876	67832827 -	0.13	0
ENSG0000(NR1H5P unitary_ps chr1	1.15E+08	1.15E+08 +	0	0
ENSG0000(RP11-600G processed_ chr3	1.9E+08	1.9E+08 -	0	0
ENSG0000(THAP12P3 processed_ chr10	52411135	52413492 +	0	0
ENSG0000(PIN4P1 processed_ chr15	43875849	43876244 -	0	0.24
ENSG0000(AC002127. processed_ chr7	88749470	88749694 +	0	0
ENSG0000(AC012668. lincRNA chr2	2.16E+08	2.16E+08 -	0	0
ENSG0000(RPL7P30 processed_ chr7	84528122	84528830 -	0	0
ENSG0000(BRK1P2 processed_ chr13	91023732	91023954 -	0	0
ENSG0000(TRIM60P18 unprocess chr7	64355078	64356199 +	0.15	0.08
ENSG0000(AC092675. sense_intr chr2	98346995	98351140 +	0	0
ENSG0000(TDGF1P1 processed_ chrX	38395369	38395895 -	0	0
ENSG0000(AC010141. unprocess chrY	21555852	21558070 -	0	0
ENSG0000(AC108463. processed_ chr2	1.11E+08	1.11E+08 -	0.54	1.49
ENSG0000(RP5-891H2 processed_ chr1	44172506	44172719 -	0	0
ENSG0000(RAB11AP1 processed_ chr10	93881293	93881938 -	0	0
ENSG0000(MTND5P1 processed_ chr21	44473723	44475097 -	0	0
ENSG0000(RPL7AP65 processed_ chr17	18311904	18312651 +	0	0
ENSG0000(DHX9P1 processed_ chr13	76984868	76987943 +	0	0
ENSG0000(MYCLP2 processed_ chrX	57933837	57934803 -	0	0
ENSG0000(AC020743. antisense chr7	50141540	50142823 -	0	0
ENSG0000(AC011933. processed_ chr17	75338827	75339147 +	0	0
ENSG0000(CTD-2330K antisense chr3	49903845	49916937 +	0	0
ENSG0000(AC073343. antisense chr7	6663974	6708901 +	1.35	0.45
ENSG0000(RP11-350G antisense chr1	1.54E+08	1.54E+08 -	0.03	0.07
ENSG0000(ZNF680P1 processed_ chr7	64469185	64470653 +	0	0.04
ENSG0000(AC074338. processed_ chr7	33128988	33129143 -	0	0
ENSG0000(RAPGEF4-A antisense chr2	1.73E+08	1.73E+08 -	0	0
ENSG0000(RP11-166C unprocess chr7	67307605	67308356 -	0.23	0
ENSG0000(HNRNPA1P processed_ chr1	1.91E+08	1.91E+08 -	0	0
ENSG0000(RP11-383C processed_ chr10	1.26E+08	1.26E+08 +	0.25	0
ENSG0000(HCG20 lincRNA chr6	30766825	30792250 +	0.15	0.27
ENSG0000(CYP1D1P unprocess chr9	73042745	73056528 +	0	0
ENSG0000(RP1-251M! antisense chr10	11010164	11011119 -	0	0
ENSG0000(AC069257. antisense chr3	1.96E+08	1.96E+08 +	0	0

ENSG0000(AC019084. processed_ chr7	1.59E+08	1.59E+08 +	0	0
ENSG0000(AC078842. lincRNA chr7	1.37E+08	1.37E+08 -	0	0
ENSG0000(AC010967. lincRNA chr2	52722677	52910020 -	0	0
ENSG0000(HMGN2P2. processed_ chr2	70803157	70803426 +	0	0
ENSG0000(RP4-663N1 antisense chr1	1.15E+08	1.15E+08 +	0.1	0.28
ENSG0000(HSPD1P9 processed_ chr13	37993085	37994720 -	0	0.04
ENSG0000(RP3-395M. lincRNA chr1	2581560	2584533 +	0	0
ENSG0000(VN1R51P processed_ chr9	97093694	97094638 -	0	0
ENSG0000(KB-1125A3 processed_ chr22	23963780	23964374 +	0	0
ENSG0000(RP3-522D1 processed_ chr1	1.13E+08	1.13E+08 -	0	0
ENSG0000(RP4-581F1 processed_ chrX	82497669	82497924 -	0	0
ENSG0000(RP11-441A processed_ chrX	1.11E+08	1.11E+08 +	0	0
ENSG0000(AC097721. lincRNA chr2	1.38E+08	1.39E+08 -	0.43	0.4
ENSG0000(RP4-781K5 lincRNA chr1	2.35E+08	2.35E+08 +	0	0
ENSG0000(DNAJA1P6 processed_ chr22	17518676	17519029 -	0	0
ENSG0000(MTCO3P4C processed_ chr9	82427350	82428025 -	0	0
ENSG0000(RP11-598C lincRNA chr10	55506219	55513217 +	0	0
ENSG0000(POLR2J2 protein_co chr7	1.03E+08	1.03E+08 -	1.58	1.02
ENSG0000(TOP3BP1 processed_ chr22	22223187	22224566 -	0.06	0.06
ENSG0000(RP11-325E processed_ chrX	80560146	80562054 +	0	0
ENSG0000(RP11-151F processed_ chr9	1.1E+08	1.1E+08 -	0	0
ENSG0000(RANP5 processed_ chr1	1.09E+08	1.09E+08 +	0	0
ENSG0000(LINC00864 lincRNA chr10	87397023	87424792 -	0	0
ENSG0000(CFL1P3 processed_ chr1	63843196	63843685 -	0	0
ENSG0000(SEC63P1 processed_ chr1	97545701	97546958 +	0.49	0.71
ENSG0000(LINC01736 lincRNA chr1	2.3E+08	2.3E+08 +	0	0
ENSG0000(RP11-69E1 antisense chr1	39565160	39573203 +	0	0
ENSG0000(Z83001.1 antisense chr11	31637328	31767953 -	0	0
ENSG0000(LYPLAL1-A antisense chr1	2.19E+08	2.19E+08 -	0.45	0.1
ENSG0000(AC023469. antisense chr2	1.51E+08	1.51E+08 +	0	0
ENSG0000(LINC01515 lincRNA chr10	65570338	65768835 +	0.26	0.28
ENSG0000(LINC01740 lincRNA chr1	2.13E+08	2.13E+08 +	0	0
ENSG0000(MTCO3P29 unprocess€ chr9	92109013	92110095 +	0	0
ENSG0000(RPL7P47 processed_ chr16	17932720	17933275 +	0.13	0
ENSG0000(RP11-255A antisense chr9	33512959	33514773 -	0	0
ENSG0000(AC133106. antisense chr2	1.89E+08	1.89E+08 +	0	0
ENSG0000(UBBP5 processed_ chr13	87219004	87219269 +	0	0
ENSG0000(BOD1L2 protein_co chr18	57147062	57150300 +	0	0
ENSG0000(RP11-475E processed_ chr1	1.09E+08	1.09E+08 -	0	0
ENSG0000(HLA-U unprocess€ chr6	29934101	29934286 +	19.18	20.37
ENSG0000(AC012368. lincRNA chr2	64086353	64088246 -	0	0
ENSG0000(RP11-385M processed_ chr1	2.09E+08	2.09E+08 +	0	0
ENSG0000(RP1-121G1 antisense chr6	1E+08	1E+08 +	0	0
ENSG0000(IFNA14 protein_co chr9	21239002	21239991 -	0	0
ENSG0000(RP5-884G6 antisense chr1	99968383	99969864 -	0.83	0.91

ENSG0000(AC004920. processed_ chr7	50843578	50843732	-	0	0
ENSG0000(RP5-837M. antisense_ chr1	1E+08	1E+08	-	0	0
ENSG0000(PNKDP1 processed_ chrX	1.32E+08	1.32E+08	-	0	0
ENSG0000(COX6CP15 processed_ chr10	77433572	77433782	-	0	0
ENSG0000(RP11-361N processed_ chr9	84604111	84604425	-	0	0
ENSG0000(MTATP6P1 unprocessε chr9	5099560	5100229	+	0	0
ENSG0000(AC110620. processed_ chr2	1.35E+08	1.35E+08	+	0	0
ENSG0000(LINC01820 lincRNA chr2	46392297	46394167	-	0	0
ENSG0000(LINC01757 lincRNA chr1	20243095	20244655	+	0	0
ENSG0000(RP11-452F lincRNA chr1	2.23E+08	2.23E+08	+	4.64	4.64
ENSG0000(AP000692. sense_ovei chr21	36360630	36362040	+	0.47	0.36
ENSG0000(AC092839. antisense chr2	54516048	54540697	-	0	0
ENSG0000(MELTF-AS1 antisense chr3	1.97E+08	1.97E+08	+	2	2.14
ENSG0000(ST13P19 processed_ chr1	2.1E+08	2.1E+08	-	0	0
ENSG0000(TPT1P2 processed_ chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(AC112220. processed_ chr3	33727250	33727604	-	0	0
ENSG0000(AC003991. antisense chr7	88219359	88304367	+	0.6	0.25
ENSG0000(RP11-165F sense_intrε chr9	487774	495610	+	0	0
ENSG0000(MYL6P5 processed_ chr17	71620978	71621436	+	0	0
ENSG0000(AP001631. lincRNA chr21	43159066	43162277	-	0	0
ENSG0000(PHBP3 processed_ chr1	58999676	59000494	+	0	0
ENSG0000(MTND1P17 processed_ chr22	16876218	16876421	-	0	0
ENSG0000(RP11-15B2 processed_ chr9	82431889	82432905	-	0	0
ENSG0000(RP1-12208 antisense chr6	89673469	89675783	+	0	0
ENSG0000(AKIRIN1P2 processed_ chrX	68132868	68133437	+	0	0
ENSG0000(FALEC lincRNA chr1	1.51E+08	1.51E+08	+	0	0.83
ENSG0000(LINC01649 lincRNA chr1	1.16E+08	1.16E+08	+	0	0
ENSG0000(IGHD6-6 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-279E processed_ chr9	6276640	6276974	+	0.29	0
ENSG0000(AC099684. antisense chr17	2017716	2020706	+	0	0
ENSG0000(UBE2V1P1. processed_ chr2	1.43E+08	1.43E+08	+	0	0
ENSG0000(LINC01494 antisense chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(RP11-216N lincRNA chr9	40130921	40153147	+	0	0
ENSG0000(AP001469. antisense chr21	46246890	46247682	+	0.88	0
ENSG0000(LINC01402 lincRNA chrX	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP3-467K1 lincRNA chr1	15402979	15409433	-	0.07	0.07
ENSG0000(AC105339. transcribec chr15	82710471	82714029	-	0	0
ENSG0000(RP11-180I4 lincRNA chr9	95650154	95715718	+	0	0
ENSG0000(RP11-308N processed_ chr9	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-745C protein_co chr12	66123917	66169985	-	1.08	0
ENSG0000(CASP16P transcribec chr16	3144219	3149963	+	0	0.02
ENSG0000(RPL3P1 processed_ chr21	36168970	36170180	-	0	0
ENSG0000(RP11-84A1 sense_intrε chr1	9942923	9949974	+	0	0
ENSG0000(AC004941. antisense chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-23I7. lincRNA chr1	2.05E+08	2.05E+08	+	0	0

ENSG0000(RP11-302F processed_ chr4	25622777	25623601	+	0	0
ENSG0000(RP11-410N antisense chr20	32581963	32593900	+	0	0
ENSG0000(AC007952. processed_ chr17	19092974	19096837	+	0.1	0.17
ENSG0000(TLE1P1 processed_ chrX	65408084	65408672	+	0	0.15
ENSG0000(LINC01674 lincRNA chr21	13546033	13558461	+	0	0
ENSG0000(RP13-57D9 lincRNA chrX	69569669	69570357	-	0	0
ENSG0000(LL22NC03- unprocessε chr22	22046430	22046591	+	0	0
ENSG0000(AC097713. lincRNA chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(RP11-125K antisense chr9	4850299	4850373	-	0	0
ENSG0000(MTND1P11 unprocessε chr9	5094139	5095014	+	0	0
ENSG0000(RP11-489C processed_ chr1	1.95E+08	1.95E+08	+	0	0
ENSG0000(HNRNPA1F processed_ chr3	39334979	39335939	+	0	0
ENSG0000(PPIAP19 processed_ chr10	1.15E+08	1.15E+08	-	0.28	0
ENSG0000(RP1-40E16 antisense chr6	3138394	3153062	-	0	0
ENSG0000(AC121251. unprocessε chr3	23389661	23389909	-	0	0
ENSG0000(RP1-317E2 antisense chr1	25816749	25820797	-	0.29	0.39
ENSG0000(AC091770. lincRNA chr7	48660575	48663305	-	0	0
ENSG0000(RP11-244N antisense chr9	97512706	97517836	-	0	0
ENSG0000(GEMIN8P4 processed_ chr1	89993593	89994321	-	0.54	0.89
ENSG0000(RP4-656G2 lincRNA chr1	29708851	29709547	-	0	0
ENSG0000(RP11-455B processed_ chr10	15171036	15171278	-	0	0
ENSG0000(MTND2P25 processed_ chrX	62843697	62844306	+	0	0
ENSG0000(SNX19P1 processed_ chr21	13525599	13528579	+	0	0
ENSG0000(RP11-363H processed_ chr1	77194825	77195395	+	0	0
ENSG0000(RP13-60M lincRNA chr9	88627189	88652160	-	0	0
ENSG0000(RPL23AP1ε processed_ chr1	1.99E+08	1.99E+08	+	0	0
ENSG0000(RP11-345I1 processed_ chr1	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-342N antisense chr1	42834681	42846422	-	0.71	0.62
ENSG0000(ELOCP14 processed_ chrY	18787750	18788080	+	0	0
ENSG0000(CTA-415G2 processed_ chr22	33014980	33015461	+	0	0
ENSG0000(RPL5P27 processed_ chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(PTPN2P1 processed_ chr1	1.79E+08	1.79E+08	-	0	0
ENSG0000(OR2M3 protein_co chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(AL022341. antisense chr16	648473	649200	-	0	0.49
ENSG0000(RNF144A-A processed_ chr2	6912277	6918709	-	0.34	0.76
ENSG0000(RP4-724E1 antisense chr7	50866747	51022990	+	0	0
ENSG0000(RP11-778D processed_ chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(AC016717. processed_ chr2	2.26E+08	2.26E+08	+	0	0
ENSG0000(AC007967. unprocessε chrY	8901203	8903276	-	0	0
ENSG0000(C1orf143 lincRNA chr1	2.19E+08	2.19E+08	+	0	0
ENSG0000(AC073091. processed_ chr2	76258034	76258897	-	0	0
ENSG0000(RPL7AL2 processed_ chr20	4590993	4591300	-	0	0
ENSG0000(HYALP1 unitary_psι chr7	1.24E+08	1.24E+08	+	0	0
ENSG0000(OFD1P17 processed_ chr5	37209364	37212381	+	0	0
ENSG0000(NLGN1-AS antisense chr3	1.74E+08	1.74E+08	-	0	0

ENSG0000(RP11-541F)	lincRNA	chr1	1.92E+08	1.92E+08	+	0	0
ENSG0000(RP11-367F)	lincRNA	chr9	90957260	90965393	-	0	0
ENSG0000(PNRC2P1)	processed	chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(ATF4P3)	processed	chr17	76225751	76226806	-	0	0
ENSG0000(NPM1P30)	processed	chr10	21110682	21113388	+	0	0
ENSG0000(LINC00578)	lincRNA	chr3	1.77E+08	1.78E+08	+	0.13	0
ENSG0000(AC074363)	lincRNA	chr2	1.67E+08	1.68E+08	+	0	0
ENSG0000(HCG11)	lincRNA	chr6	26523450	26526579	+	1.87	1.95
ENSG0000(NACAP1)	transcribed	chr8	1.01E+08	1.01E+08	+	0.22	0.08
ENSG0000(AC016908)	processed	chr2	84031140	84032358	+	0	0
ENSG0000(AC074019)	lincRNA	chr2	2.29E+08	2.29E+08	-	0	0
ENSG0000(RP11-219C)	lincRNA	chr1	13324039	13324518	+	0	0
ENSG0000(RP11-124I)	antisense	chr6	54365335	54369971	-	0	0
ENSG0000(GAPDHP1)	processed	chrX	39787132	39788136	-	0	0
ENSG0000(GLRXP1)	processed	chr20	37602852	37603185	-	0	0
ENSG0000(AP001476)	lincRNA	chr21	46052596	46053105	+	0	0
ENSG0000(TXNP5)	processed	chr2	1.49E+08	1.49E+08	-	0	0
ENSG0000(EFCAB14-A)	antisense	chr1	46674036	46692098	+	0	0
ENSG0000(GS1-304P7)	processed	chr1	1.87E+08	1.87E+08	+	0	0.39
ENSG0000(RP11-85G2)	lincRNA	chr1	1.57E+08	1.57E+08	-	0	0
ENSG0000(TTTY17A)	lincRNA	chrY	22851584	22852715	+	0	0
ENSG0000(MOB1AP1)	processed	chr13	85968999	85969533	+	0	0
ENSG0000(AC093495)	antisense	chr3	14144637	14165978	+	0.84	0.55
ENSG0000(UBBP2)	processed	chr1	2.18E+08	2.18E+08	-	0	0
ENSG0000(NUTF2P3)	processed	chr9	77580245	77580628	+	0	0
ENSG0000(AC012442)	lincRNA	chr2	1.13E+08	1.13E+08	+	0	0.15
ENSG0000(COL6A4P2)	transcribed	chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(MT-ATP8)	protein_co	chrM	8366	8572	+	4575.8	4414.24
ENSG0000(RP11-323I)	lincRNA	chr1	2.14E+08	2.14E+08	+	0	0
ENSG0000(AC010141)	unprocessed	chrY	21531839	21534011	-	0	0
ENSG0000(RP11-1379)	unprocessed	chr5	1.8E+08	1.8E+08	+	0	0
ENSG0000(RP11-127L)	lincRNA	chr10	1.04E+08	1.04E+08	+	0	0
ENSG0000(LINC01320)	lincRNA	chr2	34677555	34738231	+	0.28	0
ENSG0000(PSMD8P1)	processed	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(RALY-AS1)	lincRNA	chr20	33983052	33994357	-	1.53	1.64
ENSG0000(LINC02048)	lincRNA	chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(AC106874)	lincRNA	chr2	84315108	84350774	+	0	0
ENSG0000(RP3-508I)	antisense	chr22	38667585	38681820	-	1.99	0.94
ENSG0000(ARMCX3-A)	antisense	chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(AC112518)	lincRNA	chr4	73710302	73714527	+	0	0
ENSG0000(ORM2)	protein_co	chr9	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-367B)	sense_intr	chr10	75742740	75743755	+	0.19	0
ENSG0000(KATNBL1P)	transcribed	chr6	1.47E+08	1.47E+08	-	0	0
ENSG0000(LYPLA2P1)	processed	chr6	33365548	33366243	-	0	0
ENSG0000(AP000593)	processed	chr11	72249856	72251288	-	0	0

ENSG0000(PCAT6	antisense	chr1	2.03E+08	2.03E+08	+	8.46	7.57
ENSG0000(RP4-640E2	processed_	chr1	1.64E+08	1.64E+08	-	0	0
ENSG0000(TBX18-AS1	antisense	chr6	84687712	84709578	+	0	0
ENSG0000(ARL4AP3	processed_	chr10	5207169	5207742	+	0	0
ENSG0000(RP11-2201	processed_	chr9	37205112	37205368	-	0	0
ENSG0000(RP4-686C3	antisense	chr20	2664352	2665874	+	0	0
ENSG0000(BMS1P17	transcribec	chr14	19301704	19316914	+	0	0
ENSG0000(LINC00392	lincRNA	chr13	73564244	73588070	+	0	0
ENSG0000(TTTY4C	lincRNA	chrY	25063083	25099892	-	0	0
ENSG0000(C19orf24	protein_co	chr19	1275438	1279249	+	29.22	29.03
ENSG0000(RPL7P55	processed_	chrX	93573834	93574579	+	0	0
ENSG0000(RP11-186N	antisense	chr10	12244751	12247845	-	0	0.08
ENSG0000(RP11-10F1	unprocessε	chr7	56638943	56650696	-	0	0
ENSG0000(OR4K6P	unprocessε	chr14	19847367	19848263	+	0	0
ENSG0000(AC016734.	processed_	chr2	63622178	63622831	-	0	0
ENSG0000(OR2S1P	unprocessε	chr9	36013184	36014133	+	0	0
ENSG0000(LINC01209	lincRNA	chr3	1.77E+08	1.77E+08	-	0.1	0.14
ENSG0000(LINC01350	lincRNA	chr1	1.86E+08	1.86E+08	-	0	0
ENSG0000(GAPDHP45	processed_	chr10	15093263	15093611	-	0	0
ENSG0000(CYP4F29P	transcribec	chr21	13843133	13848364	-	0	0
ENSG0000(GUSBP11	processed_	chr22	23638487	23717356	-	8.04	8.79
ENSG0000(MTATP6P1	processed_	chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-235C	antisense	chr9	1.06E+08	1.06E+08	-	0.11	0
ENSG0000(AP001610.	antisense	chr21	41441056	41445708	-	0	0
ENSG0000(SPATA2P1	processed_	chr13	56214373	56216942	+	0	0
ENSG0000(RP11-358N	antisense	chr9	4299390	4306046	+	0	0
ENSG0000(AC008753.	antisense	chr19	53854581	53869107	-	0	0
ENSG0000(IGKV3D-7	IG_V_gene	chr2	90234812	90235370	+	0	0
ENSG0000(RP11-206L	transcribec	chr1	725885	778626	-	2.51	2.94
ENSG0000(RP11-516A	processed_	chrX	68070520	68071767	-	0	0
ENSG0000(LINC01890	lincRNA	chr2	68832816	68837192	-	0	0
ENSG0000(RP11-730A	processed_	chr10	13142185	13142977	-	0	0
ENSG0000(RPL17P43	processed_	chr17	19496943	19497528	+	0	0
ENSG0000(AC024028.	lincRNA	chr7	3083252	3086421	-	0	0
ENSG0000(AC073063.	processed_	chr7	99442890	99443496	-	0.34	0
ENSG0000(OR9H1P	unitary_ps	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RP11-804H	processed_	chr3	50685551	50685791	-	0	0
ENSG0000(LINC01784	lincRNA	chr1	12822686	12823159	-	0	0
ENSG0000(AMD1P1	processed_	chr10	20350049	20351100	+	0	0
ENSG0000(MIR646HG	lincRNA	chr20	60087840	60527458	+	0.59	0.59
ENSG0000(CTB-20D2.	processed_	chr7	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-1148	antisense	chrX	48579774	48581157	-	0	0
ENSG0000(RP11-12D5	processed_	chrX	27854323	27855353	+	0	0
ENSG0000(FTLP17	processed_	chr1	1.04E+08	1.04E+08	-	0	0
ENSG0000(EFCAB14P1	processed_	chr1	35122022	35122484	+	0	0

ENSG0000(RPS26P4 processed_ chr21	39491544	39491898	-	0	0
ENSG0000(CELSR3-AS. antisense chr3	48663776	48669174	+	0	0
ENSG0000(AC018832. lincRNA chr3	8079322	8112924	+	0	0
ENSG0000(RP11-537H antisense chr9	34084332	34096225	+	0	0
ENSG0000(RP11-184A antisense chr10	3767915	3768751	+	0	0
ENSG0000(RP11-552J processed_ chrX	52655207	52657254	+	0	0
ENSG0000(BX322559. antisense chr21	45378201	45379635	-	0	0
ENSG0000(AC113617. lincRNA chr4	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-365F processed_ chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-503C lincRNA chr6	1.68E+08	1.68E+08	+	0	0
ENSG0000(AC015971. antisense chr2	86562070	86618766	+	0	0.09
ENSG0000(SAR1P1 processed_ chr6	29076573	29077168	-	0	0
ENSG0000(RP1-90J20. lincRNA chr6	2916894	2917733	+	0	0
ENSG0000(RP11-18B3 processed_ chr9	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-524L processed_ chr5	75920670	75921660	-	0	0
ENSG0000(AC106873. antisense chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(TXNDC12- antisense chr1	52050918	52052683	+	0	0
ENSG0000(RP11-85L2. lincRNA chrX	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-497K processed_ chr9	87423634	87423893	+	0	0
ENSG0000(AC012497. processed_ chr2	1.4E+08	1.4E+08	-	0	0
ENSG0000(RPS20P25 processed_ chr9	81410279	81410630	+	0	0
ENSG0000(GAS2L1P2 transcribed chr9	97075671	97081945	-	0	0
ENSG0000(AC010891. lincRNA chrY	9813315	9817513	+	0	0
ENSG0000(MYL6BP1 processed_ chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(ITPKB-IT1 sense_intron chr1	2.27E+08	2.27E+08	-	0	0.2
ENSG0000(FAM197Y7 transcribed chrY	9367803	9377092	-	0	0
ENSG0000(AC007040. antisense chr2	70994510	71002754	+	0	0
ENSG0000(RP5-1125A lincRNA chr20	34014969	34017749	-	0	0
ENSG0000(AC011995. lincRNA chr2	2870558	2871231	-	0	0
ENSG0000(RP11-343J. lincRNA chr9	1.26E+08	1.26E+08	-	0	0
ENSG0000(LINC01004 antisense chr7	1.05E+08	1.05E+08	-	0.95	0.72
ENSG0000(RP11-216B antisense chr9	1.29E+08	1.29E+08	-	1.1	0.34
ENSG0000(LINC01635 lincRNA chr1	22023990	22026048	-	0.09	0.31
ENSG0000(HMGN2P2 processed_ chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP4-575N6 processed_ chr1	1.01E+08	1.01E+08	+	0	0
ENSG0000(AC079154. antisense chr2	1.24E+08	1.24E+08	-	0	0
ENSG0000(HSPC324 antisense chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP11-563N sense_intron chr10	48878022	48878649	+	0	0
ENSG0000(AP001468. antisense chr21	46185079	46188941	+	0	0.14
ENSG0000(RP4-800M processed_ chr1	52160261	52160600	-	0	0
ENSG0000(RP1-111D6 lincRNA chr6	1.49E+08	1.49E+08	+	0	0
ENSG0000(CCT6P1 transcribed chr7	65751142	65763354	+	1.06	0.98
ENSG0000(ELOCP24 processed_ chrX	1.56E+08	1.56E+08	-	0	0
ENSG0000(ELOCP24 processed_ chrY	57165512	57165845	-	0	0
ENSG0000(CDY4P processed_ chrY	12801973	12803830	-	0	0

ENSG0000(RP4-625H1 antisense)	chr6	19324988	19839080	-	0.57	0.1
ENSG0000(AC024937. processed)	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(LINC01185 lincRNA)	chr2	60825132	60881314	-	0	0
ENSG0000(PTMAP1 processed)	chr6	30633632	30633956	+	0	0
ENSG0000(RP11-549L antisense)	chr10	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC01768 lincRNA)	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC005013. lincRNA)	chr7	28957667	28959345	+	0	0
ENSG0000(LINC00687 lincRNA)	chr20	11800463	11870715	-	0	0
ENSG0000(RP4-633I8. lincRNA)	chr1	8805860	8807051	-	0	0
ENSG0000(RP11-402L lincRNA)	chr10	43665668	43667005	+	0	0
ENSG0000(RP5-1091N antisense)	chrX	71183559	71198175	-	0.09	0
ENSG0000(RP5-859M processed)	chr7	68640798	68641584	+	0	0
ENSG0000(RP11-15B2 transcribed)	chr9	81977614	82780194	+	0	0
ENSG0000(ARL5AP3 processed)	chr1	68049360	68049745	-	0	0
ENSG0000(DHFRP2 processed)	chr6	31366352	31366898	-	0	0
ENSG0000(OR7E23P processed)	chr21	32621049	32622096	+	0	0
ENSG0000(AC004951. lincRNA)	chr7	44004046	44007866	-	1.38	1.41
ENSG0000(RP5-864K1 antisense)	chr1	38860000	38919396	+	5.59	4.76
ENSG0000(RP11-400N lincRNA)	chr1	2.22E+08	2.22E+08	+	0	0
ENSG0000(RP5-859I17 processed)	chr20	8929895	8930038	-	0	0
ENSG0000(TSTD3 protein_coding)	chr6	99520693	99531918	+	3.63	2.18
ENSG0000(MTND5P6 unprocessed)	chr7	57170974	57172771	+	0	0
ENSG0000(RP11-173B sense_intronic)	chr13	75631271	75632135	+	0	0
ENSG0000(UGT1A2P unprocessed)	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(AC073052. processed)	chr2	2.24E+08	2.25E+08	-	0	0.1
ENSG0000(RP1-154J1 processed)	chrX	1.31E+08	1.31E+08	-	0	0
ENSG0000(SDAD1P1 transcribed)	chr8	26379259	26382953	-	1.79	1.93
ENSG0000(RP5-994D1 antisense)	chr1	42775813	42776790	-	0	0
ENSG0000(RPS15AP9 processed)	chr1	1.17E+08	1.17E+08	+	0	0
ENSG0000(LINC01546 lincRNA)	chrX	3271820	3284653	+	0	0
ENSG0000(CYP2C59P unprocessed)	chr10	95007126	95007556	-	0	0
ENSG0000(RPS19P7 processed)	chr10	45073146	45073541	-	0	0
ENSG0000(AP006222. lincRNA)	chr1	257864	297502	-	1.5	2.11
ENSG0000(RP11-617C processed)	chrX	26345236	26346242	+	0	0
ENSG0000(TRAPPC2P unprocessed)	chrY	23967564	23970694	-	0	0
ENSG0000(TUBB4AP1 processed)	chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-402N lincRNA)	chr9	38804007	38851916	+	0	0
ENSG0000(RP11-176D sense_overlapping)	chr1	2.14E+08	2.14E+08	-	0	0
ENSG0000(AC018865. processed)	chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(LIN28AP2 processed)	chr13	87379472	87380258	-	0	0
ENSG0000(OST4 protein_coding)	chr2	27070472	27071773	-	291.02	308.14
ENSG0000(CSTP1 unprocessed)	chr20	23918771	23922169	-	0	0
ENSG0000(RP3-342P2 processed)	chr1	39962680	39963404	+	0.09	0
ENSG0000(RP1-290I1 lincRNA)	chr6	10423140	10426176	-	0	0
ENSG0000(AC130464. unprocessed)	chr16	26354796	26358355	-	0	0

ENSG0000(U51244.2 antisense chr2	45674701	45675476	-	0	0
ENSG0000(LINC01713 lincRNA chr20	6731258	6736136	-	0	0
ENSG0000(RP11-106M lincRNA chr10	1.15E+08	1.15E+08	+	0	0
ENSG0000(GRK5-IT1 sense_intr chr10	1.19E+08	1.19E+08	+	0	0
ENSG0000(LINC01125 protein_co chr2	97664217	97703064	+	2.14	1.67
ENSG0000(RP13-225C antisense chr9	1.27E+08	1.27E+08	-	0	0
ENSG0000(AC092168. lincRNA chr2	1.01E+08	1.01E+08	-	0	0
ENSG0000(RPL21P50 processed_ chr4	1.24E+08	1.24E+08	-	0	0
ENSG0000(RAB11FIP1 processed_ chrX	74202834	74204595	+	0	0
ENSG0000(LINC01013 lincRNA chr6	1.32E+08	1.32E+08	+	0.14	0.1
ENSG0000(AC106875. sense_intr chr2	11681460	11683328	+	0	0
ENSG0000(TMSB10P1 processed_ chr2	2.36E+08	2.36E+08	-	0	5.66
ENSG0000(RPL15P18 processed_ chr13	1E+08	1E+08	-	0	0
ENSG0000(EEF1A1P11 processed_ chr1	96446930	96448318	+	0.03	0.29
ENSG0000(RP11-347D lincRNA chr20	47958022	47958603	+	0	0
ENSG0000(LINC01760 lincRNA chr1	95310928	95318263	-	0	0
ENSG0000(AC011897. lincRNA chr2	14616428	14630192	+	0	0
ENSG0000(RP11-98I9. antisense chr6	99424922	99431373	+	1.42	0.84
ENSG0000(DAP3P2 processed_ chr2	1.71E+08	1.71E+08	+	0.44	0.16
ENSG0000(AC006460. antisense chr2	1.91E+08	1.91E+08	-	0.17	0
ENSG0000(RP11-339B processed_ chr9	1.28E+08	1.28E+08	+	0.1	0.07
ENSG0000(RP11-281A lincRNA chr9	1.18E+08	1.18E+08	+	0	0
ENSG0000(AC023271. processed_ chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(CT47A7 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(SURF6P1 processed_ chrY	17192826	17193652	+	0	0
ENSG0000(RP11-298C processed_ chrX	25645722	25646327	-	0	0
ENSG0000(AC099552. lincRNA chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-236F transcribec chr9	63330326	63343660	+	0	0
ENSG0000(RP11-131C processed_ chr1	67278052	67278779	+	0	0
ENSG0000(RP5-1087E processed_ chr1	2.27E+08	2.27E+08	-	0	0
ENSG0000(MIR34AHG lincRNA chr1	9148011	9196983	-	7.87	8.26
ENSG0000(RP11-179B lincRNA chr10	58304553	58305621	+	0	0
ENSG0000(AC068057. lincRNA chr2	1.05E+08	1.05E+08	+	0	0.1
ENSG0000(RP11-567B processed_ chr1	2E+08	2E+08	+	0	0
ENSG0000(RP1-241P1 processed_ chrX	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-392C lincRNA chr1	2.19E+08	2.19E+08	-	0.17	0.71
ENSG0000(AC009411. lincRNA chr2	21638431	21649563	-	0	0
ENSG0000(RP11-526K antisense chr20	24491472	24502345	-	0	0
ENSG0000(AC073326. sense_intr chr7	1.11E+08	1.11E+08	-	0	0.14
ENSG0000(AC093159. lincRNA chr2	62463127	62464070	+	0	0
ENSG0000(GS1-519E5 lincRNA chrX	9249920	9275206	+	0	0
ENSG0000(CCDC183-A antisense chr9	1.37E+08	1.37E+08	-	1.27	1.37
ENSG0000(CTA-313A1 unprocessε chr7	1.02E+08	1.02E+08	+	0	0
ENSG0000(OR7E26P unprocessε chr10	14999050	15000055	-	0	0
ENSG0000(ITPKB-AS1 antisense chr1	2.27E+08	2.27E+08	+	0	0

ENSG0000(RP11-108M)	lincRNA	chr1	16870945	16874092	+	0	0
ENSG0000(RP11-483M)	processed	chrX	7113005	7113404	-	0	0
ENSG0000(SNRPGP9)	processed	chr2	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-391J)	antisense	chr10	94225160	94227288	-	0	0
ENSG0000(AC004837)	antisense	chr7	39700341	39703296	-	0	0
ENSG0000(HSPA8P17)	processed	chr9	30988085	30990572	+	0	0
ENSG0000(RP3-340B1)	lincRNA	chr6	35544632	35545669	+	0	0
ENSG0000(RP11-550P)	antisense	chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-114M)	lincRNA	chr3	1.78E+08	1.78E+08	+	0	0
ENSG0000(AL133247)	antisense	chr2	31526942	31563464	+	0	0
ENSG0000(LINC01005)	antisense	chr7	64027852	64030105	-	0	0
ENSG0000(RP11-170M)	lincRNA	chr10	63664664	63990568	+	0	0
ENSG0000(VN1R4)	protein_co	chr19	53266676	53267723	-	0	0
ENSG0000(AC006461)	processed	chr2	72288785	72289110	+	0	0
ENSG0000(AC073133)	lincRNA	chr7	1.56E+08	1.56E+08	-	0	0
ENSG0000(NUTM2E)	protein_co	chr10	79841358	79850878	+	0.08	0.2
ENSG0000(HSFY7P)	unprocess	chrY	22537047	22537849	+	0	0
ENSG0000(LLOYNC03)	unprocess	chrX	253743	255091	+	0	0
ENSG0000(LLOYNC03)	unprocess	chrY	253743	255091	+	0	0
ENSG0000(RP11-279N)	lincRNA	chr13	47825330	47835956	-	0.2	0
ENSG0000(AC010731)	antisense	chr2	2.07E+08	2.07E+08	-	0	0
ENSG0000(TUBB1P2)	unprocess	chrY	17516836	17519038	-	0	0
ENSG0000(AC073143)	processed	chr2	5313740	5314134	-	0	0
ENSG0000(AC005042)	lincRNA	chr2	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP1-41P2)	lincRNA	chr22	35685940	35689373	+	0	0
ENSG0000(SPCS2P4)	processed	chr1	28095742	28096422	-	3.97	4.32
ENSG0000(AC007381)	lincRNA	chr2	60350595	60353016	-	0	0
ENSG0000(D21S2088E)	lincRNA	chr21	23361104	23384861	-	0	0
ENSG0000(CFTRP1)	unprocess	chr20	25919499	25919681	-	0	0
ENSG0000(FNDC10)	protein_co	chr1	1598012	1600096	-	15.37	15.44
ENSG0000(PAICSP2)	processed	chr9	91611343	91612492	+	0	0
ENSG0000(AC013436)	antisense	chr7	44785050	44787340	-	0	0
ENSG0000(MTND4P1)	processed	chr13	84520103	84521568	+	0	0
ENSG0000(MACC1-AS)	antisense	chr7	20141916	20153531	+	0	0
ENSG0000(RPL7P52)	processed	chr22	40106325	40107066	-	0.53	0
ENSG0000(POLR2CP1)	processed	chr21	14757588	14758352	+	0	0
ENSG0000(RPL39P)	processed	chr20	56459428	56459583	-	0	0
ENSG0000(RP5-872K7)	antisense	chr20	21148741	21162890	-	0	0
ENSG0000(RP11-574F)	antisense	chr1	1.6E+08	1.6E+08	+	0.26	0
ENSG0000(CLDN25)	protein_co	chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(PDCL2P1)	processed	chrX	23198339	23198690	+	0	0
ENSG0000(HNF4GP1)	processed	chr13	55999200	56000448	-	0	0
ENSG0000(HK2P1)	processed	chrX	80571871	80574607	-	0	0.02
ENSG0000(AC144450)	antisense	chr2	1546665	1620113	-	0	0
ENSG0000(RP13-476E)	antisense	chr6	53790875	53794274	-	0	0

ENSG0000(AC093166. processed_ chr2	1.12E+08	1.12E+08 +	0	0
ENSG0000(RP11-66N1 lincRNA chrX	1.54E+08	1.54E+08 +	0	0
ENSG0000(AC012462. lincRNA chr2	2.15E+08	2.15E+08 +	0	0
ENSG0000(RP3-434P1 antisense chr22	38424288	38427336 +	0	0
ENSG0000(RP1-302D9 lincRNA chr22	33105383	33106059 -	0	0
ENSG0000(ZNF883 protein_co chr9	1.13E+08	1.13E+08 -	0.55	0.66
ENSG0000(RP3-399L1 antisense chr6	1.14E+08	1.14E+08 +	0.42	1.16
ENSG0000(RP11-1B20 antisense chr1	2.27E+08	2.27E+08 +	0	0
ENSG0000(RP11-495P unprocessε chr1	1.48E+08	1.48E+08 -	0	0
ENSG0000(GS1-278J2 lincRNA chr7	53559214	53568249 -	0	0
ENSG0000(AC092295. antisense chr19	36528318	36535235 +	0	0.2
ENSG0000(HOTAIR antisense chr12	53962308	53974956 -	0	0
ENSG0000(RP4-534N1 lincRNA chr1	31933020	31933975 +	0	0
ENSG0000(RP5-1051H lincRNA chr10	9758783	9759237 -	0.55	0
ENSG0000(FCF1P2 processed_ chr3	48290793	48291375 -	2.9	3.72
ENSG0000(LINC02095 lincRNA chr17	72021851	72034092 -	0	0
ENSG0000(AC079779. processed_ chr2	286419	301515 +	0	0
ENSG0000(PHKG1P2 processed_ chr7	63509303	63510165 +	0	0
ENSG0000(RPL31P13 processed_ chr1	2.13E+08	2.13E+08 -	0	0
ENSG0000(RP11-568A lincRNA chr6	1.67E+08	1.67E+08 +	0	0
ENSG0000(AC005682. processed_ chr7	22854178	22861579 +	1.35	1.01
ENSG0000(AC008940. lincRNA chr5	56770799	56772303 +	0	0
ENSG0000(RP11-556E antisense chr10	52556702	52755409 -	0	0
ENSG0000(HNRNPCP7 processed_ chr7	64500825	64501729 +	0	0
ENSG0000(AC096558. antisense chr2	1.43E+08	1.43E+08 -	0	0
ENSG0000(MYO5BP3 processed_ chr9	63761546	63762824 -	0	0
ENSG0000(RPL23AP58 processed_ chr10	1.03E+08	1.03E+08 -	0	0
ENSG0000(RP11-791C lincRNA chr9	88971638	88976298 +	0	0
ENSG0000(LINC01201 antisense chrX	1.31E+08	1.31E+08 -	0	0
ENSG0000(VN1R35P transcribed chr7	63963431	63964123 -	0	0
ENSG0000(AC090587. antisense chr11	3854318	3855509 -	0	0
ENSG0000(PSMD10P1 processed_ chr20	50913731	50914411 +	0	0
ENSG0000(RP11-416K processed_ chr1	1.82E+08	1.82E+08 +	0	0
ENSG0000(RP11-2002 processed_ chr1	1.09E+08	1.09E+08 +	0	0.57
ENSG0000(KRT18P1 processed_ chr6	28969130	28970460 -	0	0
ENSG0000(RP11-129C processed_ chr10	24867645	24868190 +	0	0
ENSG0000(TRGV5P TR_V_pseu chr7	38345030	38345499 -	0	0
ENSG0000(LINC00448 lincRNA chr13	62672285	62732359 -	0	0
ENSG0000(NANOGP2 processed_ chr2	2.22E+08	2.22E+08 -	0	0
ENSG0000(PROB1 protein_co chr5	1.39E+08	1.39E+08 -	0.31	0.15
ENSG0000(CTB-147C2 processed_ chr19	50927079	50927571 -	0	0
ENSG0000(AC006482. lincRNA chr7	17679549	17680659 +	0	0
ENSG0000(TTC3-AS1 antisense chr21	37187666	37193926 -	0	0
ENSG0000(RP4-676J1 lincRNA chr6	83983728	84007323 +	0	0
ENSG0000(AC004692. antisense chr7	43239066	43249268 -	0	0

ENSG0000(AC008072. processed_ chr2	2.24E+08	2.24E+08	+	0	0
ENSG0000(RP11-31E1 lincRNA chr10	78696062	78697022	-	0	0
ENSG0000(RP11-336A processed_ chr10	5624931	5625126	+	0	0
ENSG0000(RP11-492I2 antisense chr1	1.76E+08	1.76E+08	+	0	0
ENSG0000(RP3-419C1 unprocessε chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(COL11A2P: unprocessε chr6	33103794	33107330	-	0	0
ENSG0000(RP3-335N1 antisense chr6	51599723	51622884	+	0.06	0
ENSG0000(RP5-826L7. lincRNA chr6	1.64E+08	1.64E+08	-	0	0
ENSG0000(MTND4P18 processed_ chr10	36434710	36435174	-	0	0
ENSG0000(CES1P1 transcribed chr16	55760566	55793960	+	0.07	0.09
ENSG0000(ARL17B protein_co chr17	46274784	46361797	-	5.01	5.02
ENSG0000(RP5-968D2 lincRNA chr1	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-155G processed_ chr7	1.28E+08	1.28E+08	-	0	0
ENSG0000(TNKS2-AS1 antisense chr10	91782839	91798291	-	0	0
ENSG0000(RP11-671E processed_ chr10	45725694	45726038	-	0	0
ENSG0000(RP5-1160K antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC00659 antisense chr20	62774128	62775412	-	0	0
ENSG0000(RP11-787B lincRNA chr9	1.16E+08	1.16E+08	+	0.44	0
ENSG0000(AL109763.: sense_ovei chr21	18477358	18486599	-	0	0
ENSG0000(AP001065. lincRNA chr21	44485577	44490288	+	0	0
ENSG0000(AC004006. processed_ chr7	82657035	82657411	+	0	0
ENSG0000(RP11-284G lincRNA chr9	1.16E+08	1.16E+08	-	0	0
ENSG0000(DHFR protein_co chr5	80626228	80654983	-	3.13	2.63
ENSG0000(AF013593. processed_ chrX	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-145H lincRNA chr6	2636936	2640001	+	0	0
ENSG0000(RP5-1119A lincRNA chr22	36445395	36454944	-	0	0
ENSG0000(AC016909. processed_ chr2	1.33E+08	1.33E+08	-	0	0
ENSG0000(SRGAP3-AS antisense chr3	9192493	9194453	+	0	0
ENSG0000(MTND2P12 unprocessε chr17	19603797	19605048	+	0	0.04
ENSG0000(SAPCD1 protein_co chr6	31762799	31764851	+	0.09	0.33
ENSG0000(RP11-316K processed_ chrX	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-211A processed_ chr1	2.27E+08	2.27E+08	+	0	0
ENSG0000(LINC02013 lincRNA chr3	1.91E+08	1.91E+08	-	0	0
ENSG0000(RP11-335E lincRNA chr1	63249920	63251771	+	0	0
ENSG0000(GS1-18A18 lincRNA chr7	54576052	54578794	-	0	0
ENSG0000(AC008781. antisense chr5	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-218I7 lincRNA chr9	6047360	6066714	+	0	0
ENSG0000(GABRG3-A: antisense chr15	27157615	27161319	-	0	0
ENSG0000(SPATA13 lincRNA chr13	23979810	24035027	+	0.84	0.72
ENSG0000(RP5-884M: lincRNA chr7	1.07E+08	1.07E+08	+	0	0
ENSG0000(RPS3AP30 processed_ chr8	7122857	7123704	+	0.14	0.24
ENSG0000(RP13-39P1 antisense chr10	77782866	77793176	+	0	0
ENSG0000(LINC01672 lincRNA chr1	6724637	6730012	+	0	0.04
ENSG0000(AC004022. processed_ chr7	95350164	95351229	+	0	0
ENSG0000(EIF4BP2 processed_ chr10	21028999	21030792	+	0	0

ENSG0000(RPL13AP19 processed_ chr10	48745545	48746128	-	0	0
ENSG0000(PABPC1P8 processed_ chr10	42279734	42281819	-	0	0
ENSG0000(AB019438.unprocessε chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(FAF2P1 processed_ chr10	91765899	91767196	-	0	0
ENSG0000(LIMS1-AS1 antisense chr2	1.09E+08	1.09E+08	-	0	0
ENSG0000(ZNF885P processed_ chrY	20390051	20396796	+	0	0
ENSG0000(RPL7L1P8 processed_ chr3	1.83E+08	1.83E+08	+	0	0
ENSG0000(KRT8P18 processed_ chr3	35215705	35217149	-	0	0
ENSG0000(AC003101.lincRNA chr17	31571142	31575659	+	0	0
ENSG0000(ABCF2P2 unprocessε chr7	72103181	72104209	+	0	0
ENSG0000(AC007327.processed_ chr7	36228621	36228884	-	0	0
ENSG0000(RP11-552J.unprocessε chrX	52583989	52586312	+	0	0
ENSG0000(RP1-309H1 lincRNA chr6	22589137	22593833	-	0	0
ENSG0000(WEE2-AS1 antisense chr7	1.42E+08	1.42E+08	-	0.39	1.14
ENSG0000(RP11-319C processed_ chr1	42140635	42141391	+	0	0
ENSG0000(RP11-282C lincRNA chr6	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-129J.lincRNA chr10	99526948	99528467	+	0	0
ENSG0000(Z69666.2 antisense chr16	125737	127219	+	0	0
ENSG0000(RP1-50A13 processed_ chrX	42150511	42150744	-	0	0
ENSG0000(RP11-336N processed_ chr9	78180214	78180693	-	0	0.18
ENSG0000(MRPL45P2 transcribed chr17	47450568	47492492	-	3.08	2.69
ENSG0000(RP11-147I1 processed_ chr9	1011085	1011799	+	0	0
ENSG0000(LINC00954 lincRNA chr2	19868860	19885047	+	0.24	0.14
ENSG0000(LINC00266 lincRNA chrY	25378300	25394719	-	0	0
ENSG0000(NLGN4Y-A antisense chrY	14793642	14804033	-	0	0
ENSG0000(HCG22 lincRNA chr6	31053450	31059890	+	0	0.27
ENSG0000(AC098784.unprocessε chr19	54703952	54704235	+	0	0
ENSG0000(THRB-AS1 processed_ chr3	24494087	24681711	+	0	0
ENSG0000(RP11-354K lincRNA chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(RP1-223B1 lincRNA chr6	3594247	3624747	-	0	0
ENSG0000(LINC01128 processed_ chr1	825138	859446	+	5.8	7.94
ENSG0000(FAM207BP processed_ chr13	18697003	18697507	+	0	0
ENSG0000(AP000473.lincRNA chr21	16630827	16640683	+	0	0
ENSG0000(LINC01939 lincRNA chr2	900216	905451	-	0	0
ENSG0000(RP11-253D lincRNA chr10	30553854	30554483	-	0	0
ENSG0000(RP11-110G antisense chr8	51899325	51947173	+	3.33	1.59
ENSG0000(AC073641.antisense chr2	2.24E+08	2.24E+08	-	0	0
ENSG0000(MTCYBP42 processed_ chr7	22747675	22748804	-	0	0
ENSG0000(RP11-211G antisense chr3	1.88E+08	1.88E+08	+	0	0
ENSG0000(AC092628.unprocessε chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(MRPS18CP processed_ chr22	44483495	44483717	-	0	0
ENSG0000(HMGB3P4 processed_ chr13	99372173	99372686	+	0.29	0.32
ENSG0000(RP4-705D1 processed_ chr20	16714844	16730948	-	0	0
ENSG0000(PABPC1P1:processed_ chr9	17589161	17591318	-	0	0
ENSG0000(LAMA5-AS.antisense chr20	62352995	62356480	+	0	0

ENSG0000(RP11-119H) transcribed chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(MARK2P13) processed_ chr7	36109024	36110872	-	0	0
ENSG0000(AK3P5) processed_ chr10	32944481	32944999	+	0	0
ENSG0000(BACH1-IT2) lincRNA chr21	29370497	29373709	+	0.16	0
ENSG0000(RP11-567G) processed_ chr1	2.4E+08	2.4E+08	-	0.02	0
ENSG0000(RP1-305B1) processed_ chrX	1.32E+08	1.32E+08	-	0	0
ENSG0000(RPSAP1) processed_ chr20	51130788	51131667	-	0	0
ENSG0000(RP11-293F) unprocessed_ chr1	21411460	21413293	-	0.21	0.34
ENSG0000(MIR4500H) lincRNA chr13	87427214	87671259	-	0	0
ENSG0000(LAMTOR3F) processed_ chr13	36922539	36922908	+	0	0
ENSG0000(RP11-344P) lincRNA chr1	1.21E+08	1.22E+08	-	0	0
ENSG0000(RP11-234P) unprocessed_ chrX	51903338	51903850	-	0	0
ENSG0000(TLK2P2) processed_ chr10	37818606	37820982	-	0.02	0.08
ENSG0000(AC005077) transcribed chr7	76173733	76177205	+	0	0
ENSG0000(RP4-781K5) antisense chr1	2.35E+08	2.35E+08	+	0.19	0.21
ENSG0000(RP5-1014C) unprocessed_ chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-249L) processed_ chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(AC012123) antisense chr18	32769795	32774413	+	0	0
ENSG0000(CT45A5) protein_co chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(CBX3P6) processed_ chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP4-784A1) antisense chr1	53288024	53289706	+	0	0
ENSG0000(PIK3IP1-AS) antisense chr22	31292499	31338021	+	0.39	0
ENSG0000(PCDH9-AS2) antisense chr13	66825169	66915031	+	0	0
ENSG0000(RP11-112J) antisense chr9	35756712	35757940	-	0	0
ENSG0000(RP11-467I) processed_ chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(ATP5G2P4) processed_ chrX	42098754	42099173	-	0	0
ENSG0000(AC105402) processed_ chr2	1.49E+08	1.49E+08	-	0	0
ENSG0000(CDY12P) unprocessed_ chrY	22064698	22065712	+	0	0
ENSG0000(MTCO3P4) unprocessed_ chr7	57191141	57191927	+	0	0
ENSG0000(RP11-57H1) antisense chr1	95243167	95278940	-	0	0
ENSG0000(NEGR1-IT1) sense_intronic chr1	71794232	71837012	-	0	0
ENSG0000(RP3-433G1) processed_ chrX	1.48E+08	1.48E+08	-	0	0
ENSG0000(USP17L30) protein_co chr4	9363129	9364721	+	0	0
ENSG0000(AC104653) lincRNA chr2	1.14E+08	1.14E+08	-	0.22	0.24
ENSG0000(RP11-565H) processed_ chr10	21217891	21218279	+	0	0
ENSG0000(RPL23AP12) processed_ chr21	39127568	39128040	+	0	0
ENSG0000(RP11-91I2) lincRNA chr8	60631509	60636271	-	0.08	0.03
ENSG0000(RP11-404F) antisense chr1	1.61E+08	1.61E+08	+	3.03	2.07
ENSG0000(MYLKP1) unprocessed_ chr3	75328549	75339071	-	0	0
ENSG0000(COX4I1P2) processed_ chr13	45671845	45672391	+	0	0
ENSG0000(AC096664) processed_ chr2	63717122	63717899	+	0	0
ENSG0000(AC012307) lincRNA chr2	96145602	96147012	-	0	0
ENSG0000(AC090954) processed_ chr3	15131848	15132208	-	0	0
ENSG0000(AC010745) lincRNA chr2	16224047	16229140	+	0	0
ENSG0000(RP11-473E) lincRNA chr9	1.35E+08	1.35E+08	+	0	0

ENSG0000(SEPT7-AS1 lincRNA chr7	35751856	35800616	-	0.06	0.05
ENSG0000(RP11-439E processed_ chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(C1CP9 processed_ chr10	38452987	38455365	-	0	0
ENSG0000(RPL23AP2 processed_ chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(RP11-290D lincRNA chr13	45350323	45351350	+	0	0
ENSG0000(EE1DP1 processed_ chr19	14070342	14071237	+	0	0.08
ENSG0000(LINC01428 lincRNA chr20	7146467	7254202	-	0	0
ENSG0000(UBAC2-AS1 lincRNA chr13	99196377	99200710	-	0.19	0.11
ENSG0000(TTTY21 lincRNA chrY	9717653	9721296	-	0	0
ENSG0000(CTD-2021A processed_ chr7	51386363	51387101	-	0.88	0.83
ENSG0000(MTCO1P4 unprocessε chr2	1.17E+08	1.17E+08	+	0	0
ENSG0000(HMGN2P3 processed_ chr11	13610363	13610771	-	0	0
ENSG0000(ST6GALNA processed_ chr2	84039885	84040720	-	0	0
ENSG0000(RASA4CP transcribed chr7	44026951	44041892	-	1.12	0.41
ENSG0000(RP13-216E lincRNA chrX	73948973	73949558	+	0.35	0.19
ENSG0000(LINC01803 lincRNA chr2	2.2E+08	2.2E+08	-	0	0
ENSG0000(OR1H1P unprocessε chr9	1.23E+08	1.23E+08	+	4.08	4.49
ENSG0000(OR7E128P unprocessε chr11	71893410	71894433	+	0	0
ENSG0000(RP11-544M antisense chr1	1.61E+08	1.61E+08	+	0.22	0
ENSG0000(LINC01344 lincRNA chr1	1.82E+08	1.82E+08	-	0	0.02
ENSG0000(AC097381. lincRNA chr4	7939001	7940296	+	0.05	0.3
ENSG0000(RP13-210D unprocessε chrX	1.35E+08	1.35E+08	+	0	0
ENSG0000(AP000355. antisense chr22	24516508	24518386	+	0	0
ENSG0000(AC016722. antisense chr2	46899275	46908678	+	0	0
ENSG0000(TSPY3 protein_co chrY	9398421	9401223	+	0	0
ENSG0000(KPNA2P2 processed_ chr7	88564793	88566281	-	0	0
ENSG0000(RPS13P2 processed_ chr1	52772194	52772648	-	0	0
ENSG0000(MTCO1P3 processed_ chr21	45376191	45376382	-	0	0
ENSG0000(RP11-268G lincRNA chrX	27174920	27398997	-	0	0
ENSG0000(RP11-189G processed_ chr20	22960534	22966063	-	0	0
ENSG0000(AC005539. processed_ chr2	1.58E+08	1.58E+08	-	0	0
ENSG0000(SNRPD2P1 processed_ chr10	89978717	89979070	+	0	0
ENSG0000(AKT3-IT1 sense_intrε chr1	2.44E+08	2.44E+08	-	0	0
ENSG0000(RP11-348A unprocessε chr1	40938104	40939763	-	0	0
ENSG0000(UBE3AP2 processed_ chr21	31060600	31063168	-	0	0
ENSG0000(RP5-1053E processed_ chr1	28109739	28110298	+	0	0
ENSG0000(AC004485. antisense chr7	24196662	24255719	-	0	0
ENSG0000(CLUHP2 unprocessε chrY	18280178	18284761	+	0	0
ENSG0000(SLC25A6P5 processed_ chr9	1.06E+08	1.06E+08	+	0	0
ENSG0000(UGT1A12P unprocessε chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(AC023137. lincRNA chr2	20451042	20452947	+	0	0
ENSG0000(RP11-336A lincRNA chr10	5616862	5618161	-	0	0
ENSG0000(LINC02041 lincRNA chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(AC006026. processed_ chr7	23655682	23655861	+	0	0
ENSG0000(RP11-452J processed_ chr1	2.47E+08	2.47E+08	-	0	0

ENSG0000(SATB1-AS1 processed_ chr3	18445024	18920401	+	0	0
ENSG0000(RP11-23J9.unprocessε chr9	97386240	97396112	-	0	0
ENSG0000(PIGPP3 processed_ chr20	33965162	33965576	+	0	0
ENSG0000(RP5-1121H lincRNA chr20	42014034	42015478	-	0	0
ENSG0000(OR2A9P transcribec chr7	1.44E+08	1.44E+08	+	0.64	0.42
ENSG0000(AP000282.lincRNA chr21	32958888	32960566	+	0	0
ENSG0000(HCG23 antisense chr6	32390510	32393686	+	0	0
ENSG0000(OR7E93P unprocessε chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RPSAP60 processed_ chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000(HOMER2P1 processed_ chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC096554.lincRNA chr2	1.04E+08	1.04E+08	-	0	0
ENSG0000(UBTFL6 unprocessε chr2	97636780	97637803	-	0	0
ENSG0000(RP11-286B lincRNA chr1	95510116	95782342	+	0	0
ENSG0000(AC009955.antisense chr2	2.2E+08	2.2E+08	-	0	0
ENSG0000(AC006483.processed_ chr7	5560743	5561055	+	0	0
ENSG0000(SUMO2P8 processed_ chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(CTD-2501B processed_ chr17	63471604	63472093	+	0	0
ENSG0000(LINC01205 lincRNA chr3	1.09E+08	1.09E+08	+	0.04	0
ENSG0000(RP11-364L.processed_ chr4	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-107G unprocessε chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(SLC47A1P1 transcribec chr17	19579943	19596058	+	0	0
ENSG0000(RP11-101E processed_ chr8	46784800	46785928	+	0	0
ENSG0000(TRDD3 TR_D_geneε chr14	22449113	22449125	+	0	0
ENSG0000(RP13-228J1 processed_ chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP4-677H1 antisense chr1	70218589	70221023	-	0	0
ENSG0000(RPL5P32 processed_ chr15	27895704	27896582	+	0	0
ENSG0000(MTND1P9 processed_ chr20	57357426	57358369	-	0	0
ENSG0000(RP1-186E2 processed_ chr10	10776223	10776661	-	0	0
ENSG0000(RP11-697E transcribec chr15	90275129	90275716	+	0.12	0.01
ENSG0000(AC068490.lincRNA chr2	21942178	21965680	-	0	0
ENSG0000(SEPT7P8 processed_ chr19	53772506	53773280	-	0	0
ENSG0000(ACTBP14 processed_ chr10	69022778	69023866	+	0	0
ENSG0000(RP11-666A unprocessε chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(HNF4A-AS1 antisense chr20	44372746	44395706	-	0	0
ENSG0000(EXOSC3P1 processed_ chr21	32496812	32497311	+	0.32	0
ENSG0000(TMPRSS11 transcribec chr4	67991684	68015768	-	0	0
ENSG0000(RP5-979D1 processed_ chr1	23140325	23141142	+	0	0
ENSG0000(LINC01038 lincRNA chr13	79804418	79805685	+	0	0
ENSG0000(GS1-542M.lincRNA chrX	8863861	8867601	-	0	0
ENSG0000(AC083939.processed_ chr2	35471716	35471841	+	0	0
ENSG0000(RPL30P13 processed_ chr12	40068243	40068590	-	0	0
ENSG0000(RP11-265D transcribec chrX	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-224C processed_ chr1	2.18E+08	2.18E+08	-	0	0
ENSG0000(LINC01277 lincRNA chr6	1.43E+08	1.43E+08	-	0	0
ENSG0000(PMS2P7 unprocessε chr7	73005541	73021103	+	0.82	0.93

ENSG0000(RP11-8811)sense_intronic chr9	68426843	68429369	+	0	0
ENSG0000(AKR7A2P1)processed chr1	1.13E+08	1.13E+08	+	0	0
ENSG0000(AL591893)antisense chr1	1.52E+08	1.52E+08	+	0.52	0.6
ENSG0000(RP11-553N)processed chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(AC067945)processed chr2	1.91E+08	1.91E+08	-	0	0
ENSG0000(AP001595)lincRNA chr21	26349780	26350634	-	0.29	0
ENSG0000(HSFY1P1)transcribed chr22	16827474	16829335	+	0	0
ENSG0000(KRT223P)transcribed chr17	40717235	40721932	-	0	0
ENSG0000(CDCA4P1)processed chr9	14593577	14594200	+	0	0
ENSG0000(RP11-402P)processed chrX	71848775	71849004	+	0	0
ENSG0000(MTCO1P25)unprocessed chr7	69331835	69333633	-	0	0
ENSG0000(RP11-91A1)processed chr1	51980473	51980814	+	0	0
ENSG0000(SPRR2C)unprocessed chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(VDAC1P8)transcribed chr6	1.43E+08	1.44E+08	+	0.23	0.33
ENSG0000(RP11-272G)processed chrX	53807776	53808623	+	0	0
ENSG0000(RP1-232N1)antisense chr20	42685404	42688562	+	0	0
ENSG0000(AC091729)antisense chr7	1160374	1165267	+	3.36	3.13
ENSG0000(RP11-266K)antisense chr1	31333067	31346799	-	0	0
ENSG0000(HMGN1P2)processed chr21	31706555	31706864	+	0	0
ENSG0000(AF127577)antisense chr21	14961309	14964233	+	0	0
ENSG0000(DUTP1)processed chr3	1.25E+08	1.25E+08	+	0	0
ENSG0000(LINC01788)lincRNA chr1	70706453	70786468	+	0	0
ENSG0000(RP11-386I2)transcribed chr1	92930696	92934098	+	0	0
ENSG0000(RPS29P14)processed chr7	33036212	33036382	-	1.63	0
ENSG0000(AC020571)antisense chr2	1.96E+08	1.96E+08	+	0.39	0.18
ENSG0000(RPS3AP54)processed chr9	6662424	6663792	+	0	0
ENSG0000(RP11-20P5)processed chr9	28148211	28149236	+	0	0
ENSG0000(TRBV23OR)TR_V_gene chr9	33638035	33638494	+	0	0
ENSG0000(RP11-746P)processed chr7	65247608	65247758	-	0	0
ENSG0000(RP11-80I15)antisense chr9	95113708	95114461	+	0	0.15
ENSG0000(AC096649)lincRNA chr2	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-91I11)processed chr1	91600171	91600321	+	0	0
ENSG0000(TMPOP1)processed chr6	30466452	30467994	+	0	0
ENSG0000(HMGN2P2)processed chr3	40699066	40699338	-	0	0
ENSG0000(CR848007)processed chr9	42959280	42960066	-	0	0
ENSG0000(MTCO3P3C)unprocessed chr9	31505946	31506615	+	0	0
ENSG0000(LINC01165)antisense chr10	1.33E+08	1.33E+08	-	0.11	0.04
ENSG0000(OR5AW1P)processed chrX	1.31E+08	1.31E+08	-	0	0
ENSG0000(PSMA6P2)processed chrX	12825840	12826833	+	0	0
ENSG0000(LINC01548)lincRNA chr21	33165470	33170649	-	0	0
ENSG0000(RP11-32P2)processed chr2	15397435	15397782	-	0	0
ENSG0000(MTND1P1C)processed chr22	36178554	36179385	+	0	0
ENSG0000(ANKRD20A)transcribed chr2	94811046	94857282	-	0.03	0
ENSG0000(RP1-232L2)processed chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(HSPA8P8)processed chr7	10451311	10453252	+	0	0

ENSG0000(IGHV3-47 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(OR51AB1P unprocessε	chr11	5291761	5292380	-	0	0
ENSG0000(CALM2P2 processed_	chr10	70163685	70164124	+	0	0
ENSG0000(ELOCP20 unprocessε	chr1	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-360P lincRNA	chr3	1.79E+08	1.79E+08	-	0	0
ENSG0000(YY1P2 processed_	chr2	1.39E+08	1.39E+08	+	0	0
ENSG0000(ASTN2-AS1 antisense	chr9	1.17E+08	1.17E+08	+	0	0
ENSG0000(BTBD6P1 processed_	chr1	23901471	23902737	-	0	0
ENSG0000(ABHD17AP processed_	chr22	20667836	20670984	-	0	0
ENSG0000(MEOX2-AS lincRNA	chr7	15688378	15695491	+	0	0
ENSG0000(RP11-439K antisense	chr9	83219331	83234242	+	0.18	0.2
ENSG0000(AC006355. processed_	chr7	79124739	79125750	+	0	0
ENSG0000(MED4-AS1 antisense	chr13	48077137	48079991	+	0	0
ENSG0000(RP11-690C unprocessε	chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RP11-417B processed_	chr9	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-20J1 lincRNA	chr10	44282926	44293709	-	0	0.36
ENSG0000(RPL41 protein_co	chr12	56116586	56117943	+	3105.64	3115.17
ENSG0000(AC068491. lincRNA	chr2	1.11E+08	1.11E+08	+	0	0
ENSG0000(CTB-63M2 processed_	chr5	1.66E+08	1.66E+08	+	0	0
ENSG0000(CYCSP4 processed_	chr1	2.02E+08	2.02E+08	-	0	0
ENSG0000(AGBL5-IT1 sense_intr	chr2	27061038	27061815	+	0	0
ENSG0000(VIM-AS1 antisense	chr10	17214239	17229985	-	5.44	4.95
ENSG0000(AC007038. antisense	chr2	2.1E+08	2.1E+08	+	0.15	0.08
ENSG0000(ACTG1P2 processed_	chrY	17757001	17758125	-	0	0
ENSG0000(AC016710. lincRNA	chr2	1.39E+08	1.39E+08	+	0	0
ENSG0000(EIF4A1P10 processed_	chrX	92113246	92114461	-	0	0
ENSG0000(RPS7P4 processed_	chr1	68242474	68243055	-	0	0
ENSG0000(CDY6P unprocessε	chrY	17882099	17883708	-	0	0
ENSG0000(CCDC26 lincRNA	chr8	1.29E+08	1.3E+08	-	0	0
ENSG0000(HCG4P8 unprocessε	chr6	29827385	29828364	-	0	0.07
ENSG0000(AC009480. processed_	chr2	1.48E+08	1.48E+08	+	0	0
ENSG0000(ACTBP1 processed_	chrX	46288016	46289128	-	0	0
ENSG0000(SNX18P4 processed_	chr9	66082350	66083187	-	0	0
ENSG0000(SMPD4P2 unprocessε	chr13	19152567	19171194	-	0	0
ENSG0000(CRYGEP transcribec	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(RP11-348F antisense	chrX	51356944	51396462	-	0	0
ENSG0000(ANKRD10-l sense_intr	chr13	1.11E+08	1.11E+08	-	2.88	1.32
ENSG0000(EPHA1-AS1 antisense	chr7	1.43E+08	1.44E+08	+	0.08	0.05
ENSG0000(KCNQ5-AS: antisense	chr6	73134803	73143514	-	0	0
ENSG0000(LINC02038 lincRNA	chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(RP11-250H processed_	chr9	64462819	64463196	+	0.16	0
ENSG0000(TSPY23P unprocessε	chrY	22183850	22186021	+	0	0
ENSG0000(AC009229. lincRNA	chr2	38132637	38138946	-	0	0
ENSG0000(TCP1P1 unprocessε	chr7	42794906	42802494	+	0	0
ENSG0000(RP11-84D1 antisense	chr1	24961345	24963097	+	0	0

ENSG0000(NAP1L1P2 processed_ chrY	2929001	2931120	-	0	0
ENSG0000(GDI2P1 processed_ chr7	48902556	48903891	-	0	0
ENSG0000(RP11-73M1 antisense_ chr1	31571585	31575573	-	0	0
ENSG0000(RPL19P20 processed_ chrX	44649129	44649719	+	0	0
ENSG0000(RP11-24711 processed_ chr22	31538352	31538589	-	0	0
ENSG0000(AC073065. processed_ chr2	2.28E+08	2.28E+08	+	0.04	0
ENSG0000(AC108059. processed_ chr2	1.28E+08	1.28E+08	-	0	0
ENSG0000(LINC00382 lincRNA_ chr13	79872586	79917944	+	0	0
ENSG0000(AC008154. lincRNA_ chr7	1.34E+08	1.34E+08	-	0	0
ENSG0000(AC069513. lincRNA_ chr3	1.96E+08	1.96E+08	-	0.22	0.15
ENSG0000(GS1-124K5 transcribed_ chr7	66526088	66592397	-	7.76	8.88
ENSG0000(MRPS16P1 processed_ chr8	91917507	91917918	+	0	0
ENSG0000(PGA4 protein_co_ chr11	61222216	61231927	+	0.29	0.2
ENSG0000(ATP5HP2 processed_ chr9	2900320	2900804	-	0	0
ENSG0000(ADAM1A unitary_ps_ chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP4-553F4 antisense_ chr20	33728931	33731828	-	0	0
ENSG0000(RP11-390B antisense_ chr10	17695709	17700232	-	0	0
ENSG0000(RP11-168C antisense_ chr1	2.01E+08	2.01E+08	+	0.02	0
ENSG0000(AC004870. lincRNA_ chr7	47000620	47079128	-	0	0
ENSG0000(AC009495. lincRNA_ chr2	1.66E+08	1.66E+08	-	0	0
ENSG0000(RP11-775D antisense_ chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RPS15AP28 processed_ chr10	69300432	69300817	-	0	0
ENSG0000(RP5-827O9 lincRNA_ chr1	90510910	90533472	-	0	0
ENSG0000(AC103564. lincRNA_ chr2	1.32E+08	1.32E+08	-	0	0.14
ENSG0000(PTGES3P3 processed_ chr4	1.7E+08	1.7E+08	-	0	0
ENSG0000(LINC00200 lincRNA_ chr10	1159768	1164672	+	0	0
ENSG0000(RP11-397C lincRNA_ chr10	11030334	11030868	-	0	0
ENSG0000(SERPINH1P processed_ chr9	34318407	34319655	+	0	0
ENSG0000(RBMY2NP unprocessed_ chrY	9831418	9846696	-	0	0
ENSG0000(AC073987. lincRNA_ chr2	1.03E+08	1.03E+08	-	0	0
ENSG0000(KCTD9P6 processed_ chr8	31219894	31220984	-	0	0
ENSG0000(RP11-561C transcribed_ chr15	85205440	85234795	-	2.64	3.43
ENSG0000(RP1-118J2: unprocessed_ chr1	39795843	39795996	-	0	0
ENSG0000(LINC00242 lincRNA_ chr6	1.7E+08	1.7E+08	-	0.14	0.2
ENSG0000(CYCSP11 processed_ chr3	10057973	10058287	-	0	0
ENSG0000(RP11-47A1 processed_ chr1	2E+08	2E+08	-	0	0
ENSG0000(HNRNPA1P processed_ chr2	63751697	63752630	-	0	0
ENSG0000(KRT18P4 processed_ chr20	49956745	49958032	+	0	0.1
ENSG0000(AC105398. antisense_ chr2	29096843	29097525	-	0	0
ENSG0000(RP11-5P4.3 lincRNA_ chr1	63078081	63079031	-	0	0
ENSG0000(BTF3L4P4 processed_ chr4	1.69E+08	1.69E+08	-	0	0
ENSG0000(RP11-38L1. lincRNA_ chr10	46597918	46612154	+	0.59	1.06
ENSG0000(LINC00582 antisense_ chr1	2.32E+08	2.32E+08	-	0	0
ENSG0000(AC022201. antisense_ chr2	70402934	70422678	+	0	0
ENSG0000(MT1P3 processed_ chr20	35218009	35218185	+	0	0

ENSG0000(FEM1AP1 processed_ chr21	13762338	13764332	+	0	0
ENSG0000(KRT18P53 processed_ chrX	545236	545352	-	0	0
ENSG0000(KRT18P53 processed_ chrY	545236	545352	-	0	0
ENSG0000(CTD-2320J sense_ over chr7	12654179	12654985	+	0	0
ENSG0000(RBMY1KP unprocessε chrY	22209331	22216580	+	0	0
ENSG0000(RPL37P18 processed_ chr10	34663859	34664101	-	0	0
ENSG0000(TTTY10 lincRNA chrY	20465668	20519228	-	0	0.59
ENSG0000(HMGN1P3 processed_ chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(PPP1R12BF unprocessε chrY	26277923	26354418	-	0	0
ENSG0000(RP11-223J unprocessε chr1	23670294	23680259	+	0	0
ENSG0000(LINC00710 processed_ chr10	10917880	10952234	-	0	0
ENSG0000(PNPT1P1 processed_ chr3	3981981	3984295	-	0	0
ENSG0000(RP5-1111A antisense chr1	2.16E+08	2.16E+08	+	0	0
ENSG0000(LINC01981 lincRNA chr3	27830888	27834136	-	0	0
ENSG0000(RP11-542K antisense chr9	1.22E+08	1.22E+08	+	0.7	1.55
ENSG0000(LINC00377 lincRNA chr13	81043670	81044442	+	0	0
ENSG0000(RP11-492N processed_ chr1	26640377	26640614	-	0	0
ENSG0000(WBP2P1 processed_ chr18	25016434	25017204	-	0	0
ENSG0000(LINC00446 lincRNA chr13	78012883	78053595	+	0	0
ENSG0000(USP9YP31 unprocessε chrY	24081704	24090346	-	0	0
ENSG0000(HNRNPA1F processed_ chr7	84983556	84984506	+	0	0
ENSG0000(OR8C1P unprocessε chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-407H lincRNA chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(ST13P13 processed_ chr10	1.03E+08	1.03E+08	+	0	0.06
ENSG0000(RP11-229P antisense chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-552D antisense chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(LRRC37A12 unprocessε chr1	32423214	32426789	-	0	0
ENSG0000(RP11-227H antisense chr10	69215333	69232490	-	0	0
ENSG0000(RP4-726N1 antisense chr20	18059493	18071008	+	0	0
ENSG0000(AC004691. antisense chr7	30796691	30803410	-	0	0
ENSG0000(POM121L8 processed_ chr22	21282881	21284161	+	0	0
ENSG0000(AC072062. antisense chr2	2.15E+08	2.15E+08	+	0.18	0.23
ENSG0000(PES1P2 processed_ chr9	13986175	13987909	+	0	0
ENSG0000(RP11-298A lincRNA chrX	1.41E+08	1.41E+08	+	0	0
ENSG0000(AC091493. lincRNA chr3	16687986	16697479	-	0	0
ENSG0000(RP11-498J antisense chr10	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-104G processed_ chr9	39809562	39810019	+	0.51	0.37
ENSG0000(XXbac-BPG lincRNA chr6	29497509	29510556	+	0	0
ENSG0000(LL22NC03- lincRNA chr22	48141542	48143229	+	0	0
ENSG0000(REV3L-IT1 sense_intrε chr6	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-483F antisense chr10	99651989	99653905	-	0	0.38
ENSG0000(EEF1DP6 processed_ chr1	4175528	4175899	-	0	0
ENSG0000(GPR53P unprocessε chr6	29537704	29538787	-	0	0
ENSG0000(RP1-40E16 lincRNA chr6	3055890	3056761	+	0	0
ENSG0000(RP5-1125N antisense chr1	1.11E+08	1.11E+08	-	0	0

ENSG0000(LA16c-4G1 unprocessed)	chr22	15901791	15901911	+	0	0
ENSG0000(FABP5P4 processed)	chr13	92180715	92180885	-	0	0
ENSG0000(RP11-1E11 processed)	chr9	88187735	88190202	-	0	0
ENSG0000(AP000431. lincRNA)	chr21	19130523	19134423	+	0	0
ENSG0000(RP4-580N2 lincRNA)	chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(RFPL4AL1 protein_coding)	chr19	55769141	55773179	+	0	0
ENSG0000(RP5-1044H antisense)	chr1	65279456	65306521	-	0	0
ENSG0000(RP11-540H lincRNA)	chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(TUBB8P1 processed)	chr9	21811621	21812347	-	0	0
ENSG0000(RP4-583P1 antisense)	chr20	63744689	63745958	+	0.8	0
ENSG0000(RP5-905H7 lincRNA)	chr7	63354457	63359306	+	0	0
ENSG0000(TAF9P2 processed)	chrY	18276607	18277495	-	0	0
ENSG0000(PPIAP25 processed)	chr13	45436121	45436660	+	0	0
ENSG0000(RP11-431K processed)	chr1	8189824	8192770	+	0	0
ENSG0000(AP001464. lincRNA)	chr21	12999676	13016692	-	0	0
ENSG0000(LINC00459 lincRNA)	chr13	62323657	62328833	+	0	0
ENSG0000(AC010084. lincRNA)	chrY	4036497	4100320	+	0.38	0.99
ENSG0000(RP11-452B lincRNA)	chr13	81250438	81302407	+	0	0
ENSG0000(RPP40P1 processed)	chrX	25591353	25591808	-	0	0
ENSG0000(RP11-475I2 lincRNA)	chr9	42579414	42586534	-	0	0
ENSG0000(RP11-470P antisense)	chr9	69472466	69494513	+	0	0
ENSG0000(RP3-425P1 antisense)	chr6	25041839	25056664	+	0	0
ENSG0000(ORM1 protein_coding)	chr9	1.14E+08	1.14E+08	+	0	0
ENSG0000(MCHR2-AS antisense)	chr6	99993944	1E+08	+	0	0
ENSG0000(HMGB1P4 processed)	chr1	50398825	50399773	-	0	0
ENSG0000(KRT8P12 transcribed)	chr3	1.61E+08	1.61E+08	+	2.69	2.56
ENSG0000(AC008269. lincRNA)	chr2	2.07E+08	2.07E+08	+	0	0
ENSG0000(RP5-937E2 processed)	chrX	1.5E+08	1.5E+08	-	0	0
ENSG0000(DLEU1-AS1 lincRNA)	chr13	50520933	50527449	-	0	0
ENSG0000(NUTF2P7 processed)	chrX	71016531	71016905	-	0	0
ENSG0000(ACAP2-IT1 sense_intronic)	chr3	1.95E+08	1.95E+08	-	0	0
ENSG0000(AC069154. processed)	chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-135A antisense)	chr10	32347397	32374488	+	0	0
ENSG0000(AC006947. sense_intronic)	chr17	66676372	66677404	+	0	0
ENSG0000(GK-IT1 sense_intronic)	chrX	30671635	30672166	+	0	0
ENSG0000(PGBD4P8 processed)	chr1	60097415	60097976	+	0	0
ENSG0000(AC046143. antisense)	chr3	1.95E+08	1.95E+08	+	2.27	2.43
ENSG0000(DANT1 antisense)	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(AP000568. processed)	chr21	19739709	19740150	+	0	0
ENSG0000(AC079305. antisense)	chr2	1.77E+08	1.77E+08	-	0	0.83
ENSG0000(RP11-92C4 processed)	chr9	98890590	98891937	+	0	0
ENSG0000(RP11-193I2 processed)	chr3	42051181	42051694	-	0	0
ENSG0000(CDY22P unprocessed)	chrY	25813013	25814566	+	0	0
ENSG0000(MTCO2P12 unprocessed)	chr1	632757	633438	+	0.32	0.22
ENSG0000(RP11-332M lincRNA)	chr9	95599545	95606286	-	0	0

ENSG0000(RP11-504E)	processed_chrx	35058927	35059974	+	0	0
ENSG0000(HYI-AS1)	3prime_ov chr1	43453927	43456995	+	0	0
ENSG0000(ACTG1P9)	processed_chr6	46204729	46207386	+	0	0.05
ENSG0000(KRTAP9-11)	unprocessε chr17	41271311	41271835	+	0	0
ENSG0000(AC007563)	lincRNA chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(LRRC3-AS1)	antisense chr21	44450986	44455284	-	0	0
ENSG0000(CYCSP51)	processed_chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(DPY19L1P1)	unprocessε chr7	32580949	32761787	-	0.19	0.09
ENSG0000(PIN1P1)	transcribec chr1	69919322	69920317	+	0	0
ENSG0000(PPP1R2P5)	processed_chr2	1.07E+08	1.07E+08	-	0	0
ENSG0000(UBTFL7)	processed_chr11	49081907	49083097	+	0	0
ENSG0000(RP4-639J1)	processed_chr7	1.57E+08	1.57E+08	-	0	0
ENSG0000(HMGN2P1)	processed_chr1	2.3E+08	2.3E+08	+	0	0
ENSG0000(AC090587)	sense_ovei chr11	3854612	3855399	+	0.56	0.92
ENSG0000(RP13-225C)	processed_chr9	1.27E+08	1.27E+08	-	0	0
ENSG0000(AC092635)	lincRNA chr2	13537673	13609168	+	0	0
ENSG0000(SZT2-AS1)	antisense chr1	43447776	43448644	-	0	0
ENSG0000(LINC00452)	lincRNA chr13	1.14E+08	1.14E+08	+	0	0
ENSG0000(USP24P1)	unprocessε chr13	19015487	19019336	-	0	0
ENSG0000(CICP3)	processed_chr1	722092	724903	+	0	0
ENSG0000(AC006041)	lincRNA chr7	15841297	15842360	-	0	0
ENSG0000(AC147651)	antisense chr7	561958	565619	+	0	0
ENSG0000(BX322557)	lincRNA chr21	45336707	45338665	+	0	0
ENSG0000(HMGB1P1)	processed_chrx	36211096	36211635	+	0	0
ENSG0000(AC010975)	antisense chr2	79493716	79500844	-	0	0
ENSG0000(OR8B9P)	unprocessε chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(LINC01715)	lincRNA chr1	28643228	28648581	+	0.33	0
ENSG0000(CTD-2022H)	transcribec chr15	30052942	30073064	-	0	0
ENSG0000(MICD)	unprocessε chr6	29970801	29972464	-	0	0.09
ENSG0000(HLA-DRB6)	transcribec chr6	32552713	32560022	-	0	0
ENSG0000(RP3-395M)	antisense chr1	2493437	2494479	-	0	0.32
ENSG0000(AC013401)	lincRNA chr2	1.93E+08	1.93E+08	+	0	0
ENSG0000(RP4-620E1)	processed_chr20	41382383	41383107	+	0	0
ENSG0000(RP11-378J)	processed_chr1	2.23E+08	2.23E+08	-	0	0
ENSG0000(RP11-3L21)	antisense chr1	2.25E+08	2.25E+08	-	0.53	0
ENSG0000(MIR5689H)	lincRNA chr6	10434316	10456781	+	0	0
ENSG0000(AL162151)	antisense chr14	99158416	99159669	+	0	0
ENSG0000(RP4-718N1)	lincRNA chr7	51614251	51630870	+	0	0
ENSG0000(LINC00858)	lincRNA chr10	84279980	84294659	+	0	0
ENSG0000(AC092580)	processed_chr2	7736438	7737095	-	0	0
ENSG0000(OFD1P4Y)	unprocessε chrY	18453150	18472137	-	0	0
ENSG0000(RP11-12M)	antisense chr1	1.8E+08	1.8E+08	-	0	0
ENSG0000(RP11-494C)	processed_chr22	49845929	49846090	+	0	0
ENSG0000(RP11-274B)	processed_chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(KCNQ1-AS)	antisense chr11	2840135	2861568	-	0	0

ENSG0000(SFTA3	protein_co	chr14	36473288	36513829	-	0	0
ENSG0000(USP9YP8	unprocessε	chrY	21677246	21681118	-	0	0
ENSG0000(NPM1P25	processed_	chr10	96189366	96190219	-	0.07	0
ENSG0000(RP11-35J2:	antisense	chr10	96292685	96306695	-	0	0
ENSG0000(RALGAPA1	processed_	chr9	1.06E+08	1.06E+08	+	0.04	0.11
ENSG0000(AC133141.	processed_	chr3	25441164	25441502	-	0	0
ENSG0000(RP11-262H	processed_	chr9	62837748	62838372	-	0	0.23
ENSG0000(RPL27AP8	processed_	chr13	47766640	47767085	-	0	0
ENSG0000(AC007349.	lincRNA	chr7	36750687	36763081	+	0	0
ENSG0000(AJ006998.	lincRNA	chr21	15370500	15627342	-	0	0
ENSG0000(ANKRD26P	processed_	chr13	31311289	31312921	+	0	0.07
ENSG0000(RP1-92O14	antisense	chr1	43385113	43389155	+	0	0
ENSG0000(LINC02069	lincRNA	chr3	1.85E+08	1.85E+08	-	0.02	0
ENSG0000(AC017048.	lincRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(PIP5K1P2	unprocessε	chr7	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC073850.	processed_	chr7	80662331	80662585	-	0	0
ENSG0000(LINC00366	lincRNA	chr13	38576640	38578994	+	0	0
ENSG0000(RP5-1033K	processed_	chr1	68381441	68381657	-	0	0
ENSG0000(THEMIS3P	unitary_ps	chr18	8486997	8513849	+	0	0
ENSG0000(LINC00433	lincRNA	chr13	88540864	88545509	+	0	0
ENSG0000(RP11-184I1	antisense	chr1	43709392	43727343	-	0	0
ENSG0000(RP11-490K	processed_	chr1	31263245	31263681	-	0	0.2
ENSG0000(AC005162.	antisense	chr7	29080284	29082527	+	0	0
ENSG0000(SPINK8	protein_co	chr3	48306842	48328341	-	0	0
ENSG0000(RP11-202I1	lincRNA	chr9	85756042	85765112	-	0	0
ENSG0000(RPS10P18	processed_	chr10	1.24E+08	1.24E+08	-	0	0
ENSG0000(RLIMP1	processed_	chr13	40618738	40621348	+	0	0
ENSG0000(LINC01789	lincRNA	chr2	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-202D	antisense	chr10	82224213	82229179	-	0	0
ENSG0000(AC023669.	lincRNA	chr7	46261064	46294469	+	0.28	0.31
ENSG0000(AC127383.	unprocessε	chr2	68445710	68449174	-	0	0
ENSG0000(LYST-AS1	antisense	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(ACTG1P11	processed_	chrY	18147884	18149008	+	0	0
ENSG0000(RP11-56I2:	lincRNA	chr10	1.06E+08	1.06E+08	-	0	0
ENSG0000(RPL39P18	processed_	chr3	20012452	20012606	+	0	0
ENSG0000(RGS17P1	processed_	chr13	40992779	40993331	-	0	0
ENSG0000(PATL2	protein_co	chr15	44665732	44711316	-	0.44	1.09
ENSG0000(FAM90A16	unprocessε	chr8	7730739	7733749	+	0	0
ENSG0000(ROBO2P1	processed_	chr7	51600286	51600573	-	0	0
ENSG0000(LINC00362	lincRNA	chr13	23169835	23170597	-	0	0
ENSG0000(RP5-888M:	lincRNA	chr1	12527724	12528420	+	0	0
ENSG0000(KSR1P1	processed_	chr10	42149310	42149549	-	0	0
ENSG0000(RP4-552O1	processed_	chr1	84015865	84018371	-	0	0
ENSG0000(ALG13-AS1	antisense	chrX	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-342D	antisense	chrX	45183251	45333917	+	0	0

ENSG0000(AC004019. processed_ chr22	17418697	17419828	+	0	0
ENSG0000(AC012494. lincRNA chr2	78088730	78127806	+	0	0
ENSG0000(RP11-173D lincRNA chr6	78809715	78813303	-	0	0
ENSG0000(AC005189. processed_ chr7	43767290	43767599	+	0	0
ENSG0000(AC105053. antisense chr2	85815130	85825391	+	0.17	0.11
ENSG0000(RPL17P1 processed_ chr20	20253303	20253838	-	0	0
ENSG0000(RP11-52J3. antisense chr6	1.58E+08	1.58E+08	-	0	0
ENSG0000(AC092155. processed_ chr2	62532583	62533059	-	0	0
ENSG0000(RP4-682E1 processed_ chr1	86029854	86030589	+	0	0
ENSG0000(PHKG1P4 unprocessε chr7	57060590	57061301	-	0	0
ENSG0000(RP11-421E unprocessε chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(GAS2L1P1 processed_ chr9	38486859	38488338	-	0	0
ENSG0000(AC068580. sense_intrε chr11	1763009	1763749	-	0.52	0.57
ENSG0000(FLT1P1 processed_ chr3	46142358	46143677	-	0	0
ENSG0000(UBE2V1P3 processed_ chrY	3866306	3866722	-	0	0
ENSG0000(RP11-58A1 processed_ chr1	6547905	6548619	+	0	0
ENSG0000(LINC00404 lincRNA chr13	1.12E+08	1.12E+08	-	0	0
ENSG0000(MYCBP2-A. sense_intrε chr13	77080511	77081190	-	0	0
ENSG0000(LINC01523 lincRNA chr20	47983404	47984313	+	0	0
ENSG0000(AC053503. antisense chr2	2.19E+08	2.19E+08	+	0.07	0.12
ENSG0000(KRT16P4 transcribec chr17	18450244	18475920	+	0	0
ENSG0000(RP5-1066H antisense chr1	40863914	40876670	+	0	0
ENSG0000(RP11-62C3 processed_ chr9	92339658	92341663	-	0	0
ENSG0000(RP1-102G2 antisense chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(AC105443. processed_ chr7	1.32E+08	1.32E+08	+	0	0
ENSG0000(AC003986. antisense chr7	19144293	19146253	+	0	0
ENSG0000(HNRNPA1P processed_ chr11	5571247	5572192	-	0	0.07
ENSG0000(AC079776. lincRNA chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(LINC01739 lincRNA chr1	63000497	63012471	-	0	0
ENSG0000(RP11-119B antisense chr20	3888239	3888868	-	0.18	1.2
ENSG0000(GAPDHP26 processed_ chr9	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-90J7. lincRNA chr10	78293842	78301003	+	0	0
ENSG0000(NKX1-2 protein_co chr10	1.24E+08	1.24E+08	-	0	0
ENSG0000(LINC00428 lincRNA chr13	42842414	42842887	-	0	0
ENSG0000(UBE2DNL transcribec chrX	84934151	84934890	+	0.72	0
ENSG0000(TSPY8 protein_co chrY	9357797	9360599	+	0	0
ENSG0000(AC012445. lincRNA chr2	4136644	4140731	-	0	0
ENSG0000(GAPDHP17 processed_ chrY	20861337	20862337	+	0	0
ENSG0000(USP9YP17 unprocessε chrY	22049755	22058113	-	0	0
ENSG0000(RPL21P24 processed_ chr1	47497894	47498341	-	0	0
ENSG0000(LINC00379 lincRNA chr13	91127613	91131407	-	0	0
ENSG0000(SACS-AS1 lincRNA chr13	23418971	23428869	+	0	0
ENSG0000(RP1-153P1 transcribec chr6	37543553	37547280	-	0	0
ENSG0000(LYARP1 processed_ chr2	82268427	82269927	-	0	0
ENSG0000(ZFYVE9P1 processed_ chrX	1.38E+08	1.38E+08	+	0	0

ENSG0000(LINC01204 lincRNA chrX	45505388	45630202	+	0.06	0.1
ENSG0000(AC108056. lincRNA chr4	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP4-717I23 processed_ chr1	93278961	93279129	-	0	0
ENSG0000(SMC4P1 unprocessε chr2	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-481G lincRNA chr10	79000484	79003803	-	0.03	0
ENSG0000(GAPDHP58 processed_ chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(PRAMEF25 protein_co chr1	13068677	13077884	+	0	0
ENSG0000(EIF4BP4 processed_ chr3	42340588	42342367	+	0	0
ENSG0000(LINC00358 lincRNA chr13	62003525	62029548	-	0	0
ENSG0000(USP17L26 protein_co chr4	9334658	9336609	+	0	0
ENSG0000(RP11-423C processed_ chr9	1.26E+08	1.26E+08	-	0.03	0.06
ENSG0000(RPL21P44 processed_ chr4	53986587	53987058	-	0	0
ENSG0000(TNPO1P3 processed_ chr17	20481330	20483991	-	0	0
ENSG0000(RP11-197P sense_intrε chr9	75009828	75016036	-	0	0
ENSG0000(RP11-479J lincRNA chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(ACVR2B-AS antisense chr3	38451027	38454820	-	0.26	0.22
ENSG0000(MSX2P1 processed_ chr17	58157028	58157800	+	0	0
ENSG0000(RP5-981O7 antisense chr7	1.52E+08	1.52E+08	-	0	0.11
ENSG0000(SUCLA2P3 processed_ chr2	25079901	25081689	-	0	0
ENSG0000(RP11-167P unprocessε chrX	55633031	55635656	-	0	0
ENSG0000(RP5-1097F processed_ chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(MYL8P processed_ chr6	33338978	33339495	+	0	0
ENSG0000(PRD3P1 processed_ chr22	38722743	38723505	-	0	0
ENSG0000(LINC00411 lincRNA chr13	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-524K lincRNA chr6	93886900	93889410	+	0	0
ENSG0000(AL590762. processed_ chrX	71413834	71414086	-	0	0
ENSG0000(AC004014. lincRNA chr7	1.09E+08	1.09E+08	+	0	0
ENSG0000(MTATP8P2 processed_ chr2	87824942	87825143	+	0	0
ENSG0000(RPL21P93 processed_ chr10	28898996	28899484	-	0	0
ENSG0000(LINC01718 lincRNA chr20	61079140	61080179	+	0	0
ENSG0000(RP5-1125N lincRNA chr1	30810378	30815553	-	0	0
ENSG0000(GOLGA2P4 unprocessε chr22	42784462	42787100	+	0	0
ENSG0000(LINC01079 lincRNA chr13	27373348	27374366	+	0	0
ENSG0000(RP11-390F lincRNA chr9	6704471	6707780	+	0	0
ENSG0000(SUMO1P2 processed_ chr1	1.69E+08	1.69E+08	+	0	0
ENSG0000(LINC01501 lincRNA chr9	90463524	90582744	-	0	0
ENSG0000(RP11-369J unprocessε chr10	80017713	80017911	-	0	0
ENSG0000(AC011288. lincRNA chr7	12726152	13751920	+	0.02	0
ENSG0000(MBNL1-AS antisense chr3	1.52E+08	1.52E+08	-	4.43	3.52
ENSG0000(LINC01822 lincRNA chr2	21687434	21710623	-	0	0
ENSG0000(MTND5P2 processed_ chr13	95692538	95693972	+	0	0
ENSG0000(METTL21A processed_ chr21	39235386	39236020	-	0	0
ENSG0000(RP11-44N1 lincRNA chr8	98961428	98968284	+	3.26	3.7
ENSG0000(PIGCP2 processed_ chr7	1.08E+08	1.08E+08	+	0	0
ENSG0000(BSNP4 processed_ chr7	57638725	57639112	+	0	0

ENSG0000(AC073115. lincRNA	chr7	45990905	46000898	+	0	0
ENSG0000(RP11-302K processed_	chr10	1.02E+08	1.02E+08	+	0	0
ENSG0000(LINC01264 lincRNA	chr10	42979017	42981507	-	0	0
ENSG0000(RP4-713B5 processed_	chr1	93384487	93384998	-	0	0
ENSG0000(KRT8P21 processed_	chr1	73104792	73106282	+	0	0
ENSG0000(PRAC2 protein_co	chr17	48723168	48724758	+	0	0
ENSG0000(RPL4P4 processed_	chr3	1.85E+08	1.85E+08	-	0.21	0.16
ENSG0000(LINC01758 lincRNA	chr1	69433255	69435409	+	0	0
ENSG0000(CYP2C56P processed_	chr2	1.64E+08	1.64E+08	+	0	0
ENSG0000(AC027119. lincRNA	chr3	5962842	6124120	+	0	0
ENSG0000(LINC00280 lincRNA	chrY	6357219	6361413	-	0	0
ENSG0000(NAMPTP1 processed_	chr10	36521721	36524234	-	4.91	3.18
ENSG0000(RP11-330A lincRNA	chr6	14597514	14599690	-	0	0
ENSG0000(MYOSLID lincRNA	chr2	2.07E+08	2.07E+08	+	1.86	1.97
ENSG0000(RPSAP22 processed_	chr2	85490930	85491780	-	0	0
ENSG0000(RP11-1071J lincRNA	chr10	1.01E+08	1.01E+08	-	0.02	0
ENSG0000(RP11-435P processed_	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(RP1-60O19 lincRNA	chr6	1.07E+08	1.07E+08	+	0	0.43
ENSG0000(RP11-462L lincRNA	chr10	32958845	33082102	+	1.8	1.66
ENSG0000(RP11-494K processed_	chr1	2.05E+08	2.05E+08	+	0	0.14
ENSG0000(PABPC1P9 unprocessε	chr22	16423943	16426031	+	0	0
ENSG0000(RPL26P6 processed_	chr10	73422259	73422696	-	0.55	0
ENSG0000(RP5-1142J lincRNA	chr7	1.57E+08	1.57E+08	-	0	0
ENSG0000(BUD31P2 processed_	chrX	75201491	75201790	+	0	0
ENSG0000(RP11-552E processed_	chrX	48244894	48245745	+	0	0
ENSG0000(AL672296. processed_	chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(RP11-536K antisense	chr10	6025978	6036427	+	0.16	0.18
ENSG0000(PRR20C protein_co	chr13	57140918	57157082	+	0	0
ENSG0000(MAST4-AS antisense	chr5	67001383	67003953	-	0.33	0.18
ENSG0000(UBE2V1P9 processed_	chrX	90289536	90289903	-	0	0
ENSG0000(RP11-317F processed_	chr10	1.15E+08	1.15E+08	-	0	0
ENSG0000(PKP4P1 unprocessε	chr2	2.09E+08	2.09E+08	+	0	0
ENSG0000(LINC01150 lincRNA	chr11	1902647	1907915	+	0	0
ENSG0000(RP11-184A antisense	chr10	3751067	3763226	+	0	0
ENSG0000(LL22NC01- antisense	chr22	32783177	32784982	+	0	0
ENSG0000(AL121578. processed_	chrX	37994344	37994790	+	0	0
ENSG0000(ZNF492 protein_co	chr19	22634324	22667670	+	0.07	0.1
ENSG0000(RP11-383F processed_	chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(AC007327. antisense	chr7	36229280	36231107	-	0	0
ENSG0000(AC114755. processed_	chr2	1.06E+08	1.06E+08	-	0	0
ENSG0000(SNORD56 snoRNA	chr20	2656624	2656694	+	0	0
ENSG0000(RP4-654H1 processed_	chr1	53841547	53841832	+	0	0
ENSG0000(ISPD-AS1 antisense	chr7	16210488	16270604	+	0	0
ENSG0000(AC009237. transcribec	chr2	95525345	95532405	+	0.6	0.75
ENSG0000(MTCO2P1 processed_	chr20	60414396	60414872	-	0	0

ENSG0000(SOS1-IT1 sense_intron)	chr2	38992279	38993857	-	0.89	0.56
ENSG0000(RP11-25C1 processed)	chrX	96620654	96621903	+	0	0
ENSG0000(LINC00484 lincRNA)	chr9	91119062	91182762	+	0	0
ENSG0000(AC011242. processed)	chr2	43680465	43681622	-	0	0
ENSG0000(KARSP1 processed)	chr13	41925598	41927349	+	0	0
ENSG0000(RP11-374M lincRNA)	chr9	61898805	61911022	-	0	0
ENSG0000(RP1-140J1. lincRNA)	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP1-130G2 processed)	chr6	20042455	20042940	-	0	0
ENSG0000(MTND2P2C processed)	chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(XX-CR54.1 transcribed)	chr1	2.49E+08	2.49E+08	+	0	0
ENSG0000(EIF2S2P2 processed)	chr3	1.85E+08	1.85E+08	-	0.12	0
ENSG0000(SKP1P3 processed)	chr9	39485379	39485865	+	0	0
ENSG0000(MARK2P12 processed)	chr13	73407768	73408352	-	0	0
ENSG0000(USP9YP36 unprocessed)	chrY	25579790	25588444	+	0	0
ENSG0000(RP11-449C sense_intron)	chr10	50822692	50824525	-	0	0
ENSG0000(RP1-43O17 unprocessed)	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(EEF1DP3 transcribed)	chr13	31846841	31953472	+	0.04	0.09
ENSG0000(RPL23AP19 processed)	chr1	8831007	8831375	+	0	0
ENSG0000(RP11-556N antisense)	chr4	75830751	75832705	+	0	0.14
ENSG0000(MIR194-2H lincRNA)	chr11	64889560	64893449	-	0.04	0.02
ENSG0000(RP3-495K2 lincRNA)	chr6	1.69E+08	1.69E+08	-	0.07	0.22
ENSG0000(RP11-252I1 processed)	chr5	1.8E+08	1.8E+08	-	0	0
ENSG0000(RP11-557H lincRNA)	chr6	1.35E+08	1.35E+08	-	0	0
ENSG0000(LINC01054 antisense)	chr13	1.14E+08	1.14E+08	-	0.43	0
ENSG0000(OR2AQ1P unprocessed)	chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC007322. unprocessed)	chrY	21871331	21873550	+	0	0
ENSG0000(AC013460. processed)	chr2	7421261	7450254	+	0	0
ENSG0000(RP11-314N antisense)	chr20	1361622	1362585	+	0.64	0
ENSG0000(AC013268. processed)	chr2	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-501H processed)	chrX	27811885	27812902	+	0	0
ENSG0000(AC019349. antisense)	chr17	41500983	41502409	+	0	0
ENSG0000(RP5-1189B processed)	chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(FTLP16 processed)	chrX	38484752	38485264	-	0	0
ENSG0000(AC010240. processed)	chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-295K antisense)	chr1	1.86E+08	1.86E+08	+	0	0.15
ENSG0000(U91324.1 lincRNA)	chr2	8139402	8143269	+	0.35	0
ENSG0000(RP11-365C processed)	chr1	2.24E+08	2.24E+08	+	0	0
ENSG0000(LINC01159 processed)	chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(AC011998. processed)	chr2	1.78E+08	1.78E+08	+	0	0
ENSG0000(BPY2DP unprocessed)	chrY	7932997	7937640	-	0	0
ENSG0000(RP11-567B processed)	chr1	2E+08	2E+08	+	0	0
ENSG0000(COTL1P1 processed)	chr17	16853935	16854309	+	0	0
ENSG0000(AC096649. antisense)	chr2	1.75E+08	1.75E+08	+	0.15	0.33
ENSG0000(RP11-142N antisense)	chr10	13991815	14007526	+	0	0
ENSG0000(RPL7P10 processed)	chr1	81098267	81099005	-	0	0

ENSG0000(RPS27AP15 processed_ chr9	72741152	72741617	-	0	0
ENSG0000(CXCR2P1 transcribed chr2	2.18E+08	2.18E+08	-	0	0
ENSG0000(RP5-827L5. lincRNA chr20	61077224	61077816	-	0	0
ENSG0000(RPL31P20 processed_ chr3	24430748	24431107	+	0	0
ENSG0000(RP4-738P1 processed_ chr1	1.69E+08	1.69E+08	-	0	0
ENSG0000(DYNLT3P2 processed_ chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(MRPS18AP processed_ chr3	48256350	48256938	-	0	0
ENSG0000(MTCO1P52 processed_ chrX	55178207	55178737	-	0	0
ENSG0000(RPS20P1 processed_ chr21	35724747	35725100	-	0	0
ENSG0000(RP11-419N processed_ chr7	55810779	55811411	-	0	0
ENSG0000(RP11-339A processed_ chr6	10213881	10214362	-	0	0
ENSG0000(RP5-971N1 antisense chr20	8019223	8043512	+	0.03	0
ENSG0000(TRBV10-2 TR_V_gene chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(CTA-796E4 antisense chr22	26161910	26163214	-	0	0
ENSG0000(RP4-644L1. lincRNA chr20	40696499	40698616	-	0	0
ENSG0000(AC018866. lincRNA chr2	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-298H lincRNA chr10	1.06E+08	1.06E+08	+	0	0
ENSG0000(C4B-AS1 antisense chr6	32032713	32036258	-	0	0.01
ENSG0000(AC016751. lincRNA chr2	1.76E+08	1.76E+08	-	0	0
ENSG0000(UBE2Q1-A antisense chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(AC013444. processed_ chr2	1.43E+08	1.43E+08	+	0	0
ENSG0000(AC118754. antisense chr17	4497394	4499674	-	0	0
ENSG0000(SLC25A38P processed_ chr1	1.73E+08	1.73E+08	+	0	0
ENSG0000(SNRFPF2 processed_ chr1	25887360	25887610	+	0	0
ENSG0000(LINC00388 lincRNA chr13	18610298	18611675	-	0	0
ENSG0000(RP11-385E lincRNA chr13	19408042	19409529	-	0.06	0
ENSG0000(LINC00399 lincRNA chr13	1.09E+08	1.09E+08	+	0	0
ENSG0000(MTCYBP32 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(RPS21P1 processed_ chr1	2.35E+08	2.35E+08	+	0	1.81
ENSG0000(AC140481. antisense chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(KRT18P26 processed_ chr2	74306728	74308008	-	0	0
ENSG0000(ATP8A2P2 processed_ chr13	32477274	32478841	+	0	0
ENSG0000(LINC01813 lincRNA chr2	56077417	56090382	-	0	0
ENSG0000(RPS15P5 processed_ chr3	54626215	54626646	+	0	0.2
ENSG0000(XIST lincRNA chrX	73820651	73852753	-	0.01	0.03
ENSG0000(RP11-456P transcribed chr1	1.62E+08	1.62E+08	+	0	0.29
ENSG0000(ZNF688 protein_co chr16	30569346	30572734	-	8.1	9.13
ENSG0000(RPL35AP21 processed_ chr9	71589601	71589933	+	0	0
ENSG0000(CCNB1IP1P processed_ chr1	44958557	44959395	+	0	0
ENSG0000(DDX50P1 processed_ chr2	32201600	32203999	+	0.02	0.1
ENSG0000(RP11-78H1 processed_ chr9	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP1-308E4 processed_ chr1	28453541	28453934	+	0	0
ENSG0000(RP11-567E antisense chr1	2.01E+08	2.01E+08	-	0	0
ENSG0000(RP5-1174J processed_ chrX	41748222	41748608	+	0	0
ENSG0000(RPL12P34 processed_ chr13	68654572	68655050	+	0	0

ENSG0000(RP11-552J) processed_chrX	52735901	52736107	-	0	0
ENSG0000(AC093899) processed_chr2	1.7E+08	1.7E+08	-	0	0
ENSG0000(PDE4DIPP1) unprocessed_chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(DUTP4) processed_chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-341A) processed_chr9	1.03E+08	1.03E+08	+	0	0
ENSG0000(AC108039) processed_chr2	61820208	61820566	+	0	0
ENSG0000(RP11-384C) sense_intronic_chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(PET100) protein_coding_chr19	7629737	7631956	+	29.09	38.99
ENSG0000(RP11-48L1) processed_chr9	29636486	29636853	+	0	0
ENSG0000(KHSRPP1) processed_chr9	21695176	21696943	+	0	0
ENSG0000(XXbac-BPG) unprocessed_chr6	31307815	31308549	-	0	0
ENSG0000(AC018462) antisense_chr2	62069447	62146881	-	0.12	0
ENSG0000(ISCA1P2) processed_chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(MTATP6P1) unprocessed_chr1	93925406	93926072	-	0	0
ENSG0000(RP11-141A) antisense_chr1	49048316	49187585	+	0	0
ENSG0000(EMX2OS) antisense_chr10	1.17E+08	1.18E+08	-	0.04	0.02
ENSG0000(RP13-766D) antisense_chr17	81514047	81527776	+	0.57	0.28
ENSG0000(PYHIN5P) unprocessed_chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(ARSD-AS1) antisense_chrX	2904904	2906081	+	0	0
ENSG0000(RP11-398K) antisense_chr6	73263215	73301401	+	2.5	3.47
ENSG0000(RP5-1049G) processed_chr20	47630266	47631438	-	0	0
ENSG0000(RP11-524G) antisense_chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(CTC-546K2) lincRNA_chr5	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-159H) processed_chr9	76992099	76993108	+	0	0
ENSG0000(AC016831) processed_chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(PGA3) protein_coding_chr11	61203307	61213098	+	0	0.06
ENSG0000(RP11-505P) antisense_chr6	73523618	73570596	+	0	0
ENSG0000(RP11-157F) processed_chr3	57134142	57134723	+	0	0
ENSG0000(RPL31P54) processed_chr13	78422823	78423192	+	0	0
ENSG0000(STEAP3-AS) antisense_chr2	1.19E+08	1.19E+08	-	0.03	0.04
ENSG0000(RP11-363N) antisense_chr10	933026	942743	+	0	0
ENSG0000(RPL21P89) processed_chr10	49815096	49815562	+	0	0
ENSG0000(RPSAP20) processed_chr1	56207567	56208456	-	0	0
ENSG0000(OGFR-AS1) antisense_chr20	62800627	62805587	-	0	0.22
ENSG0000(EIF1P1) processed_chr9	659986	660326	+	0	0
ENSG0000(CASC20) lincRNA_chr20	6446723	6528459	+	0	0
ENSG0000(PAICSP5) processed_chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-479G) processed_chr10	33035469	33035664	-	0	0
ENSG0000(IMMTP1) processed_chr21	44675868	44678086	-	0	0
ENSG0000(RP11-321E) lincRNA_chr7	64140495	64150058	+	0	0
ENSG0000(RP13-30A9) antisense_chr20	62633772	62635862	+	0	0
ENSG0000(RP13-77O1) processed_chrX	52801400	52801529	-	0	0
ENSG0000(RP5-1132H) processed_chr7	66025126	66031544	-	0	0
ENSG0000(HNRNPA1F) transcribed_chr1	58047889	58049335	-	0	0
ENSG0000(ACTP1) processed_chr2	1.08E+08	1.08E+08	+	0	0

ENSG0000(LINC01315 lincRNA chr22	42364400	42369236	-	0	0.5
ENSG0000(RP4-730D4 processed_ chr20	42606694	42607559	+	0	0
ENSG0000(AC004549. antisense chr7	27733064	27740395	-	0	0
ENSG0000(GK3P protein_co chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-456H lincRNA chr6	12007670	12008856	+	0	0
ENSG0000(SEPT7P7 processed_ chr9	98606833	98608133	+	0	0
ENSG0000(AC084290. processed_ chr12	40286289	40286662	+	0	0
ENSG0000(HSPD1P21 processed_ chr20	45539983	45540227	-	0	0
ENSG0000(RP11-399E antisense chr1	41375004	41375669	-	0	0.24
ENSG0000(RP11-206L antisense chr1	760911	761989	+	0	0
ENSG0000(SNRPGP11 processed_ chr13	51496020	51496251	-	0	0
ENSG0000(DEFB108P1 unprocessε chr8	7934412	7938770	-	0	0
ENSG0000(TRIM60P1ε processed_ chr7	56631739	56632727	-	0	0
ENSG0000(HNRNPA1F processed_ chr13	68301605	68303302	-	0	0
ENSG0000(RP4-630J1ε processed_ chr1	1.19E+08	1.19E+08	+	0	0
ENSG0000(AC128709. lincRNA chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(RP11-378I1 antisense chr1	56823679	56826920	-	0	0
ENSG0000(RP11-404C processed_ chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(AC016999. antisense chr2	2.38E+08	2.38E+08	-	0.35	0.77
ENSG0000(RPL7P46 processed_ chr16	11027024	11027763	+	0	0
ENSG0000(DOCK9-AS1 antisense chr13	98832084	98834629	+	0	0
ENSG0000(ELOCP3 processed_ chr10	10174230	10174577	+	0	0
ENSG0000(RPS4XP5 transcribed chr2	63642455	63644038	-	0	0
ENSG0000(KIF25-AS1 lincRNA chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-240M lincRNA chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-102N lincRNA chr6	1.31E+08	1.31E+08	+	0	0
ENSG0000(FAM90A26 protein_co chr4	9170409	9176730	+	0	0
ENSG0000(APO01043. lincRNA chr21	38888772	38903905	+	0	0
ENSG0000(RP11-424E unprocessε chr9	1.38E+08	1.38E+08	+	0	0
ENSG0000(RHEBP1 processed_ chr10	46634911	46635466	-	0	1.28
ENSG0000(LINC00400 lincRNA chr13	43158631	43159466	+	0	0
ENSG0000(RP11-504P unprocessε chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(RP1-151F1 antisense chr6	16761138	16762652	+	2	2.13
ENSG0000(YWHAZP3 processed_ chr10	23136924	23137661	+	0.1	0
ENSG0000(MTCYBP9 processed_ chr2	1.55E+08	1.55E+08	+	0	0
ENSG0000(PRPS1L1 protein_co chr7	18026774	18027863	-	0	0
ENSG0000(MYO16-AS antisense chr13	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-111F processed_ chrX	1.12E+08	1.12E+08	+	0	0
ENSG0000(TSPY22P unprocessε chrY	22305925	22307951	-	0	0
ENSG0000(AC012499. antisense chr2	1.78E+08	1.78E+08	+	0	0
ENSG0000(RP11-93N2 lincRNA chr1	74963314	74965118	+	0	0
ENSG0000(EIF4EP2 processed_ chr17	49424269	49424922	-	0.2	2.54
ENSG0000(B3GNT2P1 processed_ chrX	99886740	99887691	-	0	0
ENSG0000(RP13-766D unitary_ψε chr17	81513063	81513184	+	0	0
ENSG0000(B3GALNT1 processed_ chr2	69597353	69598951	+	0	0

ENSG0000(AC005094. processed_ chr7	21400920	21401613	-	0	0
ENSG0000(TFAP2A-AS antisense chr6	10409340	10416446	+	0.84	0.67
ENSG0000(FLJ31356 antisense chr2	28384409	28394672	-	0.47	0.32
ENSG0000(RP11-284F antisense chr1	1.57E+08	1.57E+08	-	0.6	0.75
ENSG0000(MTND2P2 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP1-5O6.4 sense_intr(chr22	38387918	38388857	-	0	0
ENSG0000(ZRANB2-AS processed_ chr1	71081324	71489976	+	0.74	0.38
ENSG0000(RP5-998H6 lincRNA chr20	46168404	46171237	-	0	0
ENSG0000(RP11-278H lincRNA chr1	2.44E+08	2.44E+08	-	0	0
ENSG0000(RP11-71G1 transcribed chr1	1.57E+08	1.57E+08	+	0	0
ENSG0000(AP000221. lincRNA chr21	25515473	25518338	-	0	0
ENSG0000(RP11-135A lincRNA chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(RP11-118H processed_ chr1	2.26E+08	2.26E+08	+	0.08	0.09
ENSG0000(RP11-366F antisense chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP3-393P1 processed_ chrX	47776827	47778697	-	0	0
ENSG0000(RP11-96C2 antisense chr10	87009785	87015782	-	0	0.34
ENSG0000(AC007128. antisense chr7	8262264	8344516	+	0	0
ENSG0000(RP5-1119A antisense chr22	36552165	36552700	+	0	0
ENSG0000(IQCF3 protein_co chr3	51817604	51830856	+	0	0
ENSG0000(LIPT1P1 processed_ chr13	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP5-1031J lincRNA chr20	39785721	39813229	+	0	0
ENSG0000(AC073264. processed_ chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(PRAMEF36 transcribed chr1	13128818	13131615	+	0	0
ENSG0000(U82670.9 processed_ chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(TOB1-AS1 processed_ chr17	50866679	50909737	+	0.43	0.09
ENSG0000(LINC01435 lincRNA chr10	1.08E+08	1.08E+08	-	0.11	0.24
ENSG0000(GTF3AP6 processed_ chr7	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-15I11 lincRNA chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(RP11-40H2 processed_ chr1	27176751	27177277	+	0.14	0.15
ENSG0000(AP001042. lincRNA chr21	38846247	38848644	+	0	0
ENSG0000(HBBP1 transcribed chr11	5241954	5243537	-	0.18	0
ENSG0000(MIR181A1 lincRNA chr1	1.99E+08	1.99E+08	-	0.07	0.29
ENSG0000(RP11-574K antisense chr10	73841833	73847115	+	0	0
ENSG0000(AKR1B1P1 processed_ chr1	2.25E+08	2.25E+08	+	0	0
ENSG0000(HMGB3P9 processed_ chr1	92647048	92647630	-	0	0.4
ENSG0000(RPL5P4 processed_ chr1	35350722	35351607	+	0	0
ENSG0000(AC093585. antisense chr2	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP5-1042K antisense chr22	40372664	40388290	-	0	0
ENSG0000(RP5-905H7 processed_ chr7	63348861	63351774	+	0.11	0
ENSG0000(RP11-70J1 sense_intr(chr9	4070906	4071884	-	0.11	0
ENSG0000(ALMS1-IT1 sense_intr(chr2	73456764	73459484	+	0	0.09
ENSG0000(RP11-217F processed_ chr9	72445754	72445969	-	0	0
ENSG0000(SNAP47-AS antisense chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(ANKRD36B transcribed chr2	88765807	88806612	+	0.1	0.07
ENSG0000(MTCO2P3 processed_ chr13	57204379	57204799	+	0	0

ENSG0000(RP4-568F9 lincRNA chr20	18322552	18359300	-	0	0
ENSG0000(CTSLP4 unprocessε chr10	50705380	50708906	-	0	0
ENSG0000(RP11-217B lincRNA chr9	1.05E+08	1.05E+08	-	0.11	0
ENSG0000(LINC00709 lincRNA chr10	9275833	9287057	+	0	0
ENSG0000(RP11-80B9 lincRNA chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-481H processed_ chr10	1.13E+08	1.13E+08	+	0	0
ENSG0000(YWHAQP9 processed_ chr1	2.38E+08	2.38E+08	-	0	0
ENSG0000(NHS-AS1 antisense chrX	17552349	17557387	-	0	0
ENSG0000(RP5-857K2 lincRNA chr1	585989	827796	-	0.74	0.25
ENSG0000(FNTAP2 processed_ chr13	21530690	21531323	+	0	0
ENSG0000(RP11-10N1 lincRNA chr1	24200240	24211693	+	0	0
ENSG0000(AC007967. unprocessε chrY	8971751	8974095	-	0	0
ENSG0000(RP11-382D processed_ chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(RP11-550H lincRNA chr1	76041691	76066228	+	0	0
ENSG0000(CDY11P unprocessε chrY	21696570	21698220	+	0	0
ENSG0000(RP11-505C lincRNA chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(POTE2 protein_co chr15	20835372	20866314	-	0	0
ENSG0000(RP5-1121A lincRNA chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-174G antisense chr1	18166929	18179346	-	0	0
ENSG0000(UBBP1 processed_ chr2	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-314A processed_ chrX	65821255	65822249	-	0	0
ENSG0000(LINC00364 lincRNA chr13	67372387	67379976	+	0	0
ENSG0000(AK3P3 processed_ chr7	23129178	23129841	+	0.1	0.11
ENSG0000(TMSB4XP6 processed_ chr20	50840615	50840749	-	0	0
ENSG0000(AC110754. processed_ chr2	11665369	11665969	-	0	0
ENSG0000(FAM90A15 unprocessε chr8	7256904	7259914	+	0	0
ENSG0000(BIRC6-AS1 antisense chr2	32377631	32379599	-	0	0
ENSG0000(AC017104. processed_ chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(CTA-929C8 lincRNA chr22	27331787	27379265	+	0	0
ENSG0000(MTND3P2 unprocessε chr7	64105654	64105995	-	0	0
ENSG0000(RP11-76N2 processed_ chr1	88498309	88498676	-	0	0
ENSG0000(RP11-402G protein_co chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(DDX6P1 processed_ chr6	29329626	29331061	-	0	0
ENSG0000(TRPM2-AS antisense chr21	44414588	44425272	-	0	0
ENSG0000(ANKRD66 protein_co chr6	46746917	46759506	+	0	0
ENSG0000(RP11-384C sense_intrε chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(RP11-244N processed_ chr9	1.33E+08	1.33E+08	+	0	0.18
ENSG0000(AC010974. antisense chr2	1.33E+08	1.33E+08	+	0	0
ENSG0000(FAM197Y3 transcribec chrY	9497287	9506566	-	0	0
ENSG0000(HSPD1P6 transcribec chr3	36767117	36784167	-	0	0
ENSG0000(CDC42-IT1 sense_intrε chr1	22059197	22064199	+	0.29	0.11
ENSG0000(LRRC37A15 processed_ chr4	1.03E+08	1.03E+08	-	0.77	0.33
ENSG0000(RPL4P6 processed_ chr22	40586700	40588003	-	0.31	0.05
ENSG0000(AC009947. unprocessε chrY	23523321	23525369	+	0	0
ENSG0000(RP11-195F antisense chr9	34665665	34681298	+	3.24	2.23

ENSG0000(RPL10P6 processed_ chr2	2.15E+08	2.15E+08 +	0.32	0
ENSG0000(MTAPP2 processed_ chr3	1.9E+08	1.9E+08 -	0	0
ENSG0000(STK24P1 processed_ chrX	1.36E+08	1.36E+08 -	0	0
ENSG0000(AC139143. processed_ chr11	1802889	1804095 -	0	0
ENSG0000(HSPE1P28 processed_ chr9	1.12E+08	1.12E+08 -	0	0
ENSG0000(PRRT3-AS1 antisense chr3	9947404	9954787 +	0.79	0.5
ENSG0000(AC009237. processed_ chr2	95590969	95591206 -	0	0
ENSG0000(RP4-613B2 antisense chr3	42601963	42654388 -	1.47	0.93
ENSG0000(VN1R96P unitary_ps chr19	40121311	40122168 -	0	0
ENSG0000(AC104389. processed_ chr11	5354692	5355578 +	0	0
ENSG0000(KRT16P5 processed_ chr17	20493634	20494155 -	0	0
ENSG0000(AC108025. processed_ chr2	5618327	5691118 -	0	0
ENSG0000(TMEM254- antisense chr10	80046860	80078912 -	0.35	0.52
ENSG0000(RP11-206L. transcribed chr1	800879	817712 -	0.76	0.34
ENSG0000(RP11-34C1 lincRNA chr10	4415305	4426179 -	0	0
ENSG0000(ME2P1 processed_ chr9	29824742	29826711 -	0	0
ENSG0000(TCERG1L-A antisense chr10	1.31E+08	1.31E+08 +	0	0
ENSG0000(TRBV5-4 TR_V_gene chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(RP11-344N lincRNA chrX	48333675	48334439 -	0	0
ENSG0000(TUBB3P2 processed_ chr7	1.35E+08	1.35E+08 -	0	0
ENSG0000(LINC02028 processed_ chr3	1.94E+08	1.94E+08 -	0	0
ENSG0000(AC018712. processed_ chr2	1.73E+08	1.73E+08 -	0	0
ENSG0000(RP11-431N lincRNA chrX	56618391	56624458 +	0	0.1
ENSG0000(SNRPCP15 processed_ chr8	7170550	7170741 +	0	0
ENSG0000(CTA-126B4 lincRNA chr22	42438023	42446195 +	0	0
ENSG0000(RP11-275N lincRNA chr10	21340233	21372950 -	0	0
ENSG0000(AC115283. processed_ chr3	31269007	31269406 +	0	0
ENSG0000(RP11-56H7 processed_ chr10	20841375	20841560 +	0	0
ENSG0000(AC091177. antisense chr17	30956280	30956961 -	0	0
ENSG0000(RP11-141A antisense chr1	49257411	49269285 +	0	0
ENSG0000(TPRG1-AS2 antisense chr3	1.89E+08	1.89E+08 -	0	0
ENSG0000(RP11-163G processed_ chr1	42491739	42492493 +	0	0
ENSG0000(AC092569. processed_ chr2	30746444	30746701 -	0	0
ENSG0000(AC123900. processed_ chr3	33190233	33190328 -	0	0
ENSG0000(RP1-90G24 lincRNA chr22	32159454	32160392 -	0	0
ENSG0000(RP11-385N antisense chr10	7533207	7536565 +	0	0
ENSG0000(ECEL1P3 unprocessed chr2	2.32E+08	2.32E+08 -	0	0
ENSG0000(DLEC1P1 unprocessed chr3	38325237	38329070 -	0	0
ENSG0000(ACBD6 protein_co chr1	1.8E+08	1.81E+08 -	24.74	25.17
ENSG0000(EEF1A1P39 processed_ chr10	30301823	30302072 -	0	0
ENSG0000(FGF12-AS2 antisense chr3	1.93E+08	1.93E+08 +	0	0
ENSG0000(MTND2P39 processed_ chrX	1.43E+08	1.43E+08 +	0	0
ENSG0000(RP11-2821J lincRNA chr10	1.23E+08	1.24E+08 +	0	0
ENSG0000(RP5-1193P processed_ chr7	63480598	63480989 -	0	0
ENSG0000(LINC01721 lincRNA chr20	24199767	24224588 +	0	0

ENSG0000(RP4-539M) processed_chr22	30439837	30440318	+	0	0
ENSG0000(RP11-117D) lincRNA chr1	53366668	53368245	-	0	0
ENSG0000(AC016738) antisense chr2	1.01E+08	1.01E+08	-	0	0
ENSG0000(LINC01075) lincRNA chr13	62212577	62249947	+	0	0
ENSG0000(SEPHS1P4) processed_chrX	73769248	73770423	+	0	0
ENSG0000(RP11-305L) processed_chr9	91169585	91170045	-	0	0.19
ENSG0000(HOXB-AS1) antisense chr17	48543551	48551250	+	3.02	5.6
ENSG0000(RP3-508I1) antisense chr22	38734730	38738990	+	0.7	0.31
ENSG0000(AF003626) lincRNA chrX	1.51E+08	1.51E+08	+	0	0
ENSG0000(AC018463) processed_chr2	11308025	11308941	+	0	0
ENSG0000(RP3-477O4) antisense chr20	35476203	35490982	-	0.16	0
ENSG0000(LINC00443) lincRNA chr13	1.07E+08	1.07E+08	+	0	0
ENSG0000(ATP5G1P1) processed_chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(MTND1P2) unprocessed_chr2	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-232D) lincRNA chrX	1.17E+08	1.17E+08	-	0	0
ENSG0000(AC004854) processed_chr7	44919669	44920329	+	0	0
ENSG0000(RP11-62L1) processed_chr9	1.01E+08	1.01E+08	+	0	0
ENSG0000(CT45A11P) unprocessed_chrX	1.36E+08	1.36E+08	-	0	0.06
ENSG0000(RP5-997D1) antisense chr1	34850694	34851555	+	0	0
ENSG0000(MAS1LP1) unprocessed_chr6	29475025	29476071	-	0	0
ENSG0000(AURKAPS2) processed_chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(RPL35AP24) processed_chr10	49909613	49909942	+	0	0
ENSG0000(RPL30P16) processed_chr8	1.13E+08	1.13E+08	+	0	0
ENSG0000(HNRNPA1P) processed_chrX	1.19E+08	1.19E+08	+	0	0
ENSG0000(RPL22P18) processed_chr10	80125941	80126317	+	0	0
ENSG0000(AC090957) antisense chr3	14764952	14767440	-	0	0
ENSG0000(LINC01790) lincRNA chr2	1.95E+08	1.95E+08	+	0	0
ENSG0000(LINC01149) lincRNA chr6	31441667	31446973	+	0	0
ENSG0000(RP11-466F) processed_chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(LINC01433) antisense chr20	4193065	4195943	+	0	0
ENSG0000(RP5-1112D) antisense chr6	1.11E+08	1.11E+08	+	0.26	0.42
ENSG0000(OR4F3) protein_coding chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RPL12P49) processed_chrX	16803233	16803353	+	0	0
ENSG0000(RNF10P1) processed_chr3	5068676	5069044	-	0	0
ENSG0000(CNOT6LP1) processed_chr15	56005715	56007176	-	0	0.14
ENSG0000(SMYD3-IT1) sense_intronic chr1	2.46E+08	2.46E+08	-	0	0
ENSG0000(C9orf147) antisense chr9	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP5-998N2) antisense chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-291C) processed_chrX	70672895	70673515	-	0	0
ENSG0000(RP11-405L) processed_chr9	37490421	37490893	-	0	0
ENSG0000(GS1-124K5) transcribed chr7	66427949	66453634	-	0	0.07
ENSG0000(AC005518) sense_intronic chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP4-725G1) processed_chr7	56163145	56163533	+	0	0
ENSG0000(AC073387) processed_chr7	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC000081) processed_chr22	19238443	19238739	-	0	0

ENSG0000(DDX43P3 processed_ chr7	81610884	81611326	-	0	0
ENSG0000(RP11-160E lincRNA chr17	19077775	19087878	+	0	0
ENSG0000(RPL37P4 processed_ chr21	19593841	19594108	+	0	0
ENSG0000(RP11-331N processed_ chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(ATP6V0CP: processed_ chr17	4856757	4857374	-	0	0
ENSG0000(RP11-632C processed_ chr6	1.18E+08	1.18E+08	+	0.9	0.63
ENSG0000(CTB-1048E processed_ chr22	26422071	26423193	-	0	0
ENSG0000(FTH1P5 processed_ chr6	50912712	50913256	-	0.81	0.98
ENSG0000(RP11-631F lincRNA chr6	1.48E+08	1.48E+08	-	0	0
ENSG0000(RPL4P5 processed_ chr9	7477045	7478320	-	0.09	0
ENSG0000(IFNNP1 processed_ chr9	21058771	21059323	-	0	0
ENSG0000(AP000688. sense_intron chr21	36069642	36126640	-	0	0
ENSG0000(OR8V1P unprocessed_ chr11	56188379	56189251	-	0	0
ENSG0000(FTLP18 processed_ chr1	36630335	36630857	+	0	0
ENSG0000(LINC01840 antisense chr3	1.85E+08	1.85E+08	-	0.66	0.14
ENSG0000(HSPB1P2 processed_ chrX	49233956	49234501	-	0	0
ENSG0000(FAM92A1P transcribed chr4	1.83E+08	1.83E+08	+	0.02	0.02
ENSG0000(RP11-173G processed_ chr9	95292338	95294810	+	0	0
ENSG0000(ATXN8OS antisense chr13	70107213	70139429	+	0	0
ENSG0000(PHBP9 processed_ chr10	1E+08	1E+08	+	0	0
ENSG0000(MTND5P14 unprocessed_ chr9	5109496	5110762	+	0	0
ENSG0000(RP4-697K1 antisense chr20	63502287	63505111	+	0	0
ENSG0000(SIAH1P1 processed_ chrX	35626142	35627064	+	0	0
ENSG0000(RP11-4M2: processed_ chr1	23949016	23949383	-	0	0
ENSG0000(RP11-90J7. lincRNA chr10	78352597	78356100	+	0	0
ENSG0000(FMO7P unprocessed_ chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(AF240627. lincRNA chr21	18614431	18650360	+	0	0
ENSG0000(RP1-276N6 lincRNA chr6	1.6E+08	1.6E+08	+	0	0
ENSG0000(AC010975. processed_ chr2	79573764	79575593	-	0	0
ENSG0000(RP11-108M lincRNA chr1	16855407	16859284	+	0	0
ENSG0000(RPL34P19 processed_ chr10	31983885	31984554	+	0	0
ENSG0000(RP11-38O2 processed_ chrX	48135658	48136159	-	0	0
ENSG0000(FKBP1AP3 processed_ chr13	46505118	46505436	+	0	0
ENSG0000(RAD23BP2 processed_ chr7	83663419	83664625	+	0	0
ENSG0000(RP11-475I2 processed_ chr9	42636788	42637139	-	0	0
ENSG0000(SPATA31C1 transcribed chr9	87914493	87923505	+	0	0
ENSG0000(HNRNPH3F processed_ chrX	80529037	80530027	+	0	0
ENSG0000(RP1-128O3 lincRNA chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP13-824C processed_ chrX	3112900	3113596	-	0	0
ENSG0000(LINC01753 lincRNA chr1	55915607	55944974	-	0	0
ENSG0000(PHBP4 processed_ chr2	1.54E+08	1.54E+08	+	0	0
ENSG0000(MTND2P4 unprocessed_ chr7	64110547	64111550	-	0	0
ENSG0000(FGFR1OP2 processed_ chr13	26905362	26905861	+	0	0
ENSG0000(NFE4 protein_code chr7	1.03E+08	1.03E+08	+	0.06	0.07
ENSG0000(AC002539. antisense chr17	70017324	70128859	-	0	0

ENSG0000(RP11-75C2 antisense chr1	1.97E+08	1.97E+08	-	0	0
ENSG0000(OR52J2P unprocessed chr11	5037013	5037951	+	0	0
ENSG0000(MIRLET7D lincRNA chr9	94176602	94204568	-	0	0
ENSG0000(RP11-702C processed_chrX	26557675	26558330	+	0	0
ENSG0000(XXYLT1-AS antisense chr3	1.95E+08	1.95E+08	+	0	0
ENSG0000(HERC2P4 transcribed chr16	32103245	32188107	-	2.45	2.91
ENSG0000(SSU72P8 protein_codon chr7	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP1-40E16 lincRNA chr6	3182744	3195756	-	0	0
ENSG0000(RP11-548K unprocessed chr7	57772584	57773199	-	0	0
ENSG0000(AC087163 processed_chr17	17981192	17981572	-	0	0
ENSG0000(PGAM1P3 processed_chr3	40322715	40323279	-	0	0
ENSG0000(SERBP1P4 processed_chrX	91560436	91561597	-	0	0
ENSG0000(RP11-373A processed_chr9	29254075	29254426	-	0	0
ENSG0000(HNRNPA1P processed_chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(RPL7P61 processed_chr2	1.63E+08	1.63E+08	-	0	0
ENSG0000(RPS12P24 processed_chr13	37220860	37221246	-	0	0
ENSG0000(RP11-402G processed_chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-290M lincRNA chr1	85599131	85600734	+	0	0
ENSG0000(AC013472 antisense chr2	26950308	27009807	-	0	0
ENSG0000(RP11-305E processed_chr1	1E+08	1E+08	+	0	0
ENSG0000(RP11-334J antisense chr9	1.32E+08	1.32E+08	-	0	0
ENSG0000(ARMC2-AS antisense chr6	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-244J processed_chr12	80102899	80103333	-	0	0
ENSG0000(NAALADL2 processed_chr3	1.75E+08	1.75E+08	-	0	0
ENSG0000(RP13-507P lincRNA chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(GTF2IP23 unprocessed chr7	66880708	66882981	+	0.79	0
ENSG0000(RP11-253D lincRNA chr10	30576699	30580182	+	0	0
ENSG0000(AC093162 processed_chr2	85262144	85262267	-	0	0
ENSG0000(STARD13-1 sense_intronic chr13	33158587	33164409	-	0	0
ENSG0000(OR5H6 protein_codon chr3	98264244	98265356	+	0	0
ENSG0000(MTND3P4 processed_chr9	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-213G lincRNA chr9	85785722	85793480	-	0	0
ENSG0000(CICP6 processed_chr3	1.98E+08	1.98E+08	-	0	0
ENSG0000(AC004980 unprocessed chr7	76524515	76532692	+	0.29	0.3
ENSG0000(BANF1P2 processed_chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(OR6C5P unprocessed chr12	55311835	55312757	+	0	0
ENSG0000(RP3-390M lincRNA chr6	78604467	78606036	-	0	0
ENSG0000(CTD-2192J lincRNA chr19	12552597	12553644	+	0	0
ENSG0000(TOMM20P processed_chrX	73223124	73223558	+	0	0
ENSG0000(LLOXNC01 processed_chrX	1.04E+08	1.04E+08	+	0.13	0.07
ENSG0000(HCG24 antisense chr6	33144783	33147767	+	0	0
ENSG0000(ELOVL2-AS antisense chr6	11043524	11078226	+	0	0
ENSG0000(FEZF1-AS1 antisense chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(LINC01284 lincRNA chrX	51095844	51171400	-	0	0
ENSG0000(XRCC6P3 processed_chr1	2.2E+08	2.2E+08	-	0	0

ENSG0000(AL022476.: antisense chr22	43038585	43052366	+	0	0.03
ENSG0000(BEND7P1 processed_chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(MTCO2P27 unprocessε chr19	12504905	12505976	+	0	0
ENSG0000(RP3-323N1 antisense chr10	11168922	11171376	-	0	0
ENSG0000(LINC00159 lincRNA chr21	32080316	32197813	-	0	0
ENSG0000(LINC01734 lincRNA chr20	39213777	39224748	-	0	0
ENSG0000(RP11-385F antisense chr1	2.37E+08	2.37E+08	-	0.17	0.38
ENSG0000(HMGN1P3: processed_chrX	9865093	9865543	-	0	0
ENSG0000(MTCO1P42 processed_chr2	50588690	50589415	-	0	0
ENSG0000(RP11-35N6 processed_chr9	1.01E+08	1.01E+08	+	0	0
ENSG0000(HMGN2P3 processed_chr16	26032539	26032811	-	0	0
ENSG0000(RP5-1068B processed_chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(AC004538. processed_chr7	11180902	11520175	+	2.34	3.83
ENSG0000(DNAJB5P1 processed_chr9	76931261	76932066	-	0	0
ENSG0000(RP4-635E1 antisense chr1	11099675	11102100	+	0.51	0.2
ENSG0000(MTND4P1ε processed_chr10	94774156	94774633	-	0	0
ENSG0000(RP11-434D processed_chr17	20554137	20554380	+	0	0
ENSG0000(FANCD2P2 unprocessε chr3	11859674	11891172	+	0	0
ENSG0000(AC018892. unprocessε chr2	97034442	97034706	+	0	0
ENSG0000(RP13-455A lincRNA chr22	47860671	47862062	+	0	0
ENSG0000(CT47A8 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(RPL35AP3 processed_chr6	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP4-614C1 lincRNA chr20	59360927	59364773	-	0	0
ENSG0000(AC114755. processed_chr2	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC009474. processed_chr2	66881087	66881222	-	0	0
ENSG0000(NCAPD2P1 processed_chr7	34750253	34752053	-	0	0
ENSG0000(SPDYE21P unprocessε chr7	67279778	67286230	+	0	0
ENSG0000(TPI1P2 transcribec chr7	1.29E+08	1.29E+08	+	0.25	0.33
ENSG0000(DDX10P2 processed_chr9	82086155	82088768	-	0	0
ENSG0000(VN1R32P unitary_psι chr7	63377329	63378233	+	0	0
ENSG0000(ACTG1P23 processed_chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(RPL4P3 processed_chr1	1.72E+08	1.72E+08	-	0	0
ENSG0000(RP11-23D5 lincRNA chr9	11275314	11276314	-	0	0
ENSG0000(DSCR9 lincRNA chr21	37208503	37221736	+	0.14	0
ENSG0000(FAM41C lincRNA chr1	868071	876903	-	1.12	0.06
ENSG0000(RPL23AP52 processed_chr7	11006399	11006876	-	0.16	0.18
ENSG0000(KARSP2 processed_chr13	1.13E+08	1.13E+08	+	0	0.04
ENSG0000(RP3-425P1 lincRNA chr6	25061625	25063507	-	0	0
ENSG0000(GOLGA6L5 transcribec chr15	84507885	84516814	-	6.53	6.56
ENSG0000(GSTA11P unprocessε chr6	52847910	52870329	-	0	0
ENSG0000(MEMO1P4 processed_chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(ELOCP7 processed_chrY	18532326	18532656	-	0	0
ENSG0000(AP000146. lincRNA chr21	24938431	24992817	-	0	0
ENSG0000(RP4-655J1: lincRNA chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(AC009245. processed_chr7	1.38E+08	1.38E+08	+	0	0

ENSG0000(RPSAP25 processed_ chr2	1.76E+08	1.76E+08 +	0	0
ENSG0000(AC012507. antisense chr2	2.31E+08	2.31E+08 +	0	0
ENSG0000(RP13-157F unprocessε chr7	65617077	65619214 +	0	0
ENSG0000(RP4-737E2 lincRNA chr20	23187961	23190307 +	0	0
ENSG0000(LINC01048 lincRNA chr13	37481467	37484769 -	0	0
ENSG0000(RPSAP23 processed_ chr2	1.15E+08	1.15E+08 +	0	0
ENSG0000(RP5-1139I1 lincRNA chrX	1.19E+08	1.19E+08 +	0.09	0.08
ENSG0000(AC092667. antisense chr2	1E+08	1E+08 +	0	0
ENSG0000(RP11-692P lincRNA chrX	8007378	8018160 +	0	0
ENSG0000(AC092651. unprocessε chr2	87118534	87120980 -	0	0
ENSG0000(SPTLC1P1 transcribec chr10	31360955	31361215 +	0	0.78
ENSG0000(HINT2P1 processed_ chr3	2362258	2362738 +	0	0
ENSG0000(RBBP8P1 processed_ chrX	1.19E+08	1.19E+08 -	0	0
ENSG0000(LINC01747 lincRNA chr20	22668484	22685344 -	0.05	0.05
ENSG0000(LINC01972 lincRNA chr3	1.95E+08	1.95E+08 -	0	0
ENSG0000(LINC01349 lincRNA chr1	1.01E+08	1.01E+08 -	0	0
ENSG0000(LINC01066 lincRNA chr13	30995162	30996138 -	0	0
ENSG0000(RP5-855F1. lincRNA chr1	2.35E+08	2.35E+08 +	0	0
ENSG0000(RPS3AP52 processed_ chr13	68634190	68634486 +	0	0
ENSG0000(AC079834. processed_ chr2	2.22E+08	2.22E+08 +	0	0
ENSG0000(AC018717. processed_ chr2	1.99E+08	1.99E+08 +	0	0
ENSG0000(AC007163. antisense chr2	2.01E+08	2.01E+08 -	0.07	0.08
ENSG0000(TCEA1P2 processed_ chr3	37275693	37276598 +	0.18	0
ENSG0000(OR3D1P unprocessε chr1	2.48E+08	2.48E+08 +	0	0
ENSG0000(ELOCP12 processed_ chrY	18068483	18068810 +	0	0
ENSG0000(LINC01786 lincRNA chr1	1275223	1280420 +	1.55	1.22
ENSG0000(OR5M4P unprocessε chr11	56448668	56449592 +	0	0
ENSG0000(LINC00856 lincRNA chr10	78179185	78551355 +	0.37	0.97
ENSG0000(ARL2BPP7 processed_ chr9	1.02E+08	1.02E+08 -	0	0
ENSG0000(XX-C2158C lincRNA chr6	1.71E+08	1.71E+08 +	0	0
ENSG0000(RP1-43E13 antisense chr1	19210501	19240704 +	1.32	1.78
ENSG0000(RSU1P1 unprocessε chr10	42725857	42737159 +	0	0
ENSG0000(ERVMER61 lincRNA chr1	1.88E+08	1.88E+08 +	0	0
ENSG0000(RP11-313A antisense chr1	95061596	95067545 +	0	0
ENSG0000(RP1-196A1 transcribec chr16	451404	453461 +	0	0
ENSG0000(USP17L25 protein_co chr4	9329911	9331862 +	0	0
ENSG0000(AC114803. antisense chr2	2.19E+08	2.19E+08 +	1.66	2.56
ENSG0000(RP1-20B11 antisense chr6	524171	525581 +	0	0
ENSG0000(LINC01650 lincRNA chr1	95351251	95352254 -	0	0
ENSG0000(AC004160. antisense chr7	11406955	11414078 +	0.38	0.42
ENSG0000(RP11-102J. lincRNA chr20	12305613	12316485 -	0	0
ENSG0000(SERPINB9P lincRNA chr6	2854657	2881407 -	0.51	0.23
ENSG0000(RP11-488P sense_intrε chr1	93752924	93775444 -	0.07	0.11
ENSG0000(RP13-329D lincRNA chr20	26132887	26134198 -	0	0
ENSG0000(RP11-390E antisense chr7	1.24E+08	1.24E+08 -	0	0

ENSG0000(TFAMP1	processed_ chr7	1614590	1615325	+	0	0
ENSG0000(LRRC37A6F	transcribed chr10	27246350	27259455	-	0.01	0
ENSG0000(CTF2P	unitary_psi chr16	30904348	30910208	-	0	0
ENSG0000(LINC00276	lincRNA chr2	13710531	14400963	-	0	0
ENSG0000(RPL7P4	processed_ chr6	30696806	30697535	-	0	0
ENSG0000(NEK2P4	processed_ chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RPS29P6	processed_ chr1	37330852	37330996	+	0	0
ENSG0000(LINC01381	antisense chr2	25204313	25209202	+	0	0
ENSG0000(ANKRD18B	protein_co chr9	33524394	33573009	+	1.44	0.71
ENSG0000(U73166.2	lincRNA chr3	50260303	50263358	+	0.71	0.45
ENSG0000(PA2G4P4	processed_ chr3	1.57E+08	1.57E+08	-	0.1	0.06
ENSG0000(GPM6BP1	unprocessε chrY	18578417	18578560	+	0	0
ENSG0000(RP11-741G	processed_ chr15	77278465	77278774	+	0	0
ENSG0000(PROX1-AS1	processed_ chr1	2.14E+08	2.14E+08	-	0	0.01
ENSG0000(VENTXP4	processed_ chr3	26346681	26347638	-	0	0
ENSG0000(CLUHP5	unprocessε chr10	1.34E+08	1.34E+08	-	0	0
ENSG0000(RPL5P26	processed_ chr10	69778962	69779838	+	0	0
ENSG0000(GS1-115G2	sense_intrε chr1	1.84E+08	1.84E+08	+	0	0
ENSG0000(LA16c-2F2.	lincRNA chr22	15600908	15604882	-	0	0
ENSG0000(RP1-28O17	lincRNA chr6	50587607	50637205	-	0	0
ENSG0000(ATP6V1G1	processed_ chr13	1.03E+08	1.03E+08	-	0	0
ENSG0000(OFD1P9Y	unprocessε chrY	22580989	22614081	-	0	0
ENSG0000(AC005034.	processed_ chr2	75598071	75598559	+	0	0
ENSG0000(RP1-52D1.	processed_ chrX	87425583	87425690	-	0	0
ENSG0000(AP000695.	antisense chr21	36430360	36481070	+	1.54	0.69
ENSG0000(AC093142.	processed_ chr3	28447725	28448073	+	0	0
ENSG0000(IGKV1OR2:IG_V_pseu	chr22	16904219	16904696	-	0	0
ENSG0000(ATP5G2P3	processed_ chr2	1.97E+08	1.97E+08	+	0	0
ENSG0000(AC124057.	antisense chr11	2404515	2407908	+	0	0
ENSG0000(OR51A10P	unitary_psi chr11	5468486	5469422	-	0	0
ENSG0000(AC000077.	processed_ chr22	19630750	19633574	-	0	0
ENSG0000(PSMG3-AS	lincRNA chr7	1570073	1589626	+	6.21	6.23
ENSG0000(VAV3-AS1	antisense chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-141M	lincRNA chr13	33355206	33676768	-	0.07	0
ENSG0000(RP13-228J	processed_ chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP4-753D1	antisense chr20	23010209	23030785	-	0	0
ENSG0000(RP11-462D	processed_ chr20	17599255	17599807	-	0	0
ENSG0000(MTCO2P7	unprocessε chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(EEF1B2P8	processed_ chr3	1.75E+08	1.75E+08	-	0	0
ENSG0000(RP4-564M:	antisense chr1	77067920	77078482	+	0	0
ENSG0000(AC108463.	lincRNA chr2	1.11E+08	1.11E+08	+	0	0
ENSG0000(MKX-AS1	antisense chr10	27744786	27767794	+	0	0
ENSG0000(ANKRD30B	unprocessε chr10	45156775	45176925	+	0	0
ENSG0000(CTD-2230M	processed_ chrX	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-416N	lincRNA chr20	10173520	10196990	+	0	0

ENSG0000(RPL7AP8 processed_ chr10	86630825	86631628	-	0	0
ENSG0000(RPL19P21 processed_ chrX	1.51E+08	1.51E+08	+	0	0
ENSG0000(PPP5D1 protein_co chr19	46480796	46601200	-	0.19	0.64
ENSG0000(THAP7-AS1 antisense chr22	21001886	21010342	+	2.27	3.71
ENSG0000(AC092580. lincRNA chr2	7671604	7672246	-	0	0
ENSG0000(RP11-555J. lincRNA chr9	32643103	32645026	-	0	0
ENSG0000(RP11-1060 processed_ chr12	27702338	27702906	+	0	0.14
ENSG0000(RP11-533K processed_ chr7	1.19E+08	1.19E+08	-	0	0
ENSG0000(HCG4P7 unprocessε chr6	29887294	29888268	-	0.31	0.14
ENSG0000(MBD3L2 protein_co chr19	7049321	7051735	+	0	0
ENSG0000(LINC01756 lincRNA chr1	29329620	29350114	-	0	0
ENSG0000(COL6A4P1 transcribec chr3	15151833	15205959	-	0	0
ENSG0000(LINC01799 lincRNA chr2	66904436	66971462	+	0	0
ENSG0000(RP11-472G lincRNA chr10	71878356	71879107	+	0	0
ENSG0000(NOS2P3 transcribec chr17	20436337	20447249	+	0.02	0
ENSG0000(CEACAMP9 unprocessε chr19	43096456	43097360	-	0	0
ENSG0000(LIMD1-AS1 antisense chr3	45679043	45689134	-	0.04	0.2
ENSG0000(MTND5P7 unprocessε chr7	57194257	57196054	+	0	0
ENSG0000(AC091133. antisense chr17	48931791	48937100	+	0	0.35
ENSG0000(RP11-95M. lincRNA chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-297A antisense chr10	35098006	35127020	-	0.1	0
ENSG0000(BASP1P1 processed_ chr13	22897341	22898005	-	0	0
ENSG0000(RP11-379C antisense chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-305L lincRNA chr9	91104957	91107304	-	0.08	0
ENSG0000(RP3-428A1 processed_ chrX	1.27E+08	1.27E+08	+	0	0
ENSG0000(AOAH-IT1 sense_intrε chr7	36597834	36600120	-	0	0
ENSG0000(LINC00102 lincRNA chrX	2612988	2615347	-	0	0.02
ENSG0000(LINC00102 lincRNA chrY	2612988	2615347	-	0	0.02
ENSG0000(SNX3P1X processed_ chrX	92515323	92515497	-	0	0
ENSG0000(RP11-393I2 unprocessε chr1	58084419	58084559	+	0	0
ENSG0000(HMGB1P11 processed_ chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(MTND4P27 unprocessε chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(USP17L1 protein_co chr8	7332387	7333979	+	0	0
ENSG0000(RP11-74C1 antisense chr1	2.04E+08	2.04E+08	+	0	0.06
ENSG0000(CTB-89H12 processed_ chr5	1.49E+08	1.5E+08	-	3.05	2.84
ENSG0000(AC092162. lincRNA chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-517P lincRNA chr10	43420738	43422100	+	2.3	2.53
ENSG0000(AC073264. processed_ chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(CEACAMP2 unprocessε chr19	42560433	42561750	-	0	0
ENSG0000(RPL17P12 processed_ chr2	1.46E+08	1.46E+08	+	0	0
ENSG0000(CCDC192 protein_co chr5	1.28E+08	1.28E+08	+	0	0
ENSG0000(FAM133DP processed_ chr2	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP5-828H9 lincRNA chr20	5471207	5475182	+	0.52	1.61
ENSG0000(CALM1P2 processed_ chr7	55259809	55260256	-	0	0
ENSG0000(ZNF32-AS2 antisense chr10	43645942	43648019	+	0	0

ENSG0000(SF3A3P1 processed_ chr20	3489529	3491005	-	0	0
ENSG0000(AC114763. lincRNA chr2	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-69L1 processed_ chr6	7340854	7342056	-	0	0
ENSG0000(CTD-2533K processed_ chr5	26669346	26669736	+	0	0
ENSG0000(AC027612. transcribed chr2	91686102	91714745	-	0	0
ENSG0000(RP11-464C lincRNA chr10	3833950	3834728	+	0	0
ENSG0000(RP11-369F antisense chr10	76437408	76438775	-	0	0
ENSG0000(OR6R1P unprocessed chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(RP13-228J transcribed chrX	1.55E+08	1.55E+08	+	1.1	0.39
ENSG0000(AC021016. processed_ chr2	2.18E+08	2.18E+08	+	0.15	0
ENSG0000(ACTG1P14 processed_ chr9	6834456	6835577	+	0.05	0
ENSG0000(GTF2IRD1P transcribed chr7	66809993	66844826	-	0	0.02
ENSG0000(CCT5P2 processed_ chr13	78908919	78910542	+	0	0
ENSG0000(PHBP12 processed_ chr1	50780340	50781150	+	0	0
ENSG0000(AC093609. lincRNA chr2	43097746	43102691	-	0	0
ENSG0000(IMP3P1 processed_ chr9	10829752	10830308	-	0	0
ENSG0000(FTX lincRNA chrX	73946555	74293574	-	5.68	5.82
ENSG0000(RPSAP8 processed_ chrX	1E+08	1E+08	-	0	0
ENSG0000(AC090804. processed_ chr11	3892398	3892887	-	0.31	0
ENSG0000(CT47A4 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(RSL24D1P2 processed_ chr2	62561058	62561423	-	0	0
ENSG0000(GPAA1P2 transcribed chr2	1.1E+08	1.1E+08	-	1.43	0.87
ENSG0000(RP3-331H2 lincRNA chr6	71328942	71329806	+	0	0
ENSG0000(OR2H4P unprocessed chr6	29215236	29216179	+	0	0
ENSG0000(AC018495. lincRNA chr3	10767464	10771718	+	0	0
ENSG0000(RP11-73B2 lincRNA chr7	63380466	63385789	-	0	0
ENSG0000(RP11-402G protein_co chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(AC011753. processed_ chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(TSEN15P2 processed_ chr1	51859778	51860135	+	0	0
ENSG0000(MTCYBP6 processed_ chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(AC159540. lincRNA chr2	97416165	97433527	-	26.01	25.64
ENSG0000(AC005722. processed_ chr17	19755244	19756207	+	0	0
ENSG0000(RP11-167P processed_ chr10	72560264	72560456	+	0	0
ENSG0000(HMGB1P2 processed_ chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(AC004237. antisense chr5	1.33E+08	1.33E+08	+	1.47	0.79
ENSG0000(HM13-AS1 antisense chr20	31567707	31573263	-	0	0
ENSG0000(DYNLL1P7 processed_ chr7	85381118	85381375	-	0	0
ENSG0000(RP5-1198C lincRNA chr1	44030443	44115913	+	1.58	3.66
ENSG0000(AC079987. processed_ chr7	83424880	83425002	+	0	0
ENSG0000(H3F3AP3 processed_ chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(AC080002. processed_ chr2	2.26E+08	2.26E+08	-	0	0
ENSG0000(UQCRHP1 processed_ chr6	31611083	31611356	-	0	0
ENSG0000(RP11-469A lincRNA chr1	2E+08	2E+08	+	0	0.09
ENSG0000(RP11-286H protein_co chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP1-155D2 lincRNA chr6	1.64E+08	1.64E+08	-	0	0

ENSG0000(RP4-781K5)	lincRNA	chr1	2.35E+08	2.35E+08	-	0	0
ENSG0000(RPS23P8)	processed	chrX	70962964	70963293	+	1.5	0.4
ENSG0000(DNM3OS)	antisense	chr1	1.72E+08	1.72E+08	-	2.57	2.22
ENSG0000(RP11-359N)	lincRNA	chr6	14229775	14231570	-	0	0
ENSG0000(RP5-996D2)	processed	chr22	46481329	46481760	-	0	0
ENSG0000(CYP4F60P)	unprocess	chr9	42950566	42951630	+	0	0
ENSG0000(RPL36P1)	processed	chr20	52890162	52890386	+	0	0
ENSG0000(CTA-246H3)	unprocess	chr22	25327252	25339975	+	0	0
ENSG0000(RP11-486B)	processed	chr1	41542069	41544310	+	0	0
ENSG0000(VN1R36P)	unprocess	chr7	63965834	63966124	-	0	0
ENSG0000(USP12-AS2)	antisense	chr13	27172259	27182998	+	2.07	0
ENSG0000(LA16c-60G)	unprocess	chr22	15588361	15588478	+	0	0
ENSG0000(LINC01818)	lincRNA	chr2	1.5E+08	1.5E+08	+	0	0
ENSG0000(KLF2P2)	processed	chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(AC022816)	lincRNA	chr17	14374139	14421026	+	0.03	0.45
ENSG0000(RP3-406P2)	antisense	chr6	4018843	4021215	-	1.7	0.93
ENSG0000(AC024084)	lincRNA	chr7	1.36E+08	1.36E+08	+	0	0
ENSG0000(AC112229)	processed	chr2	1.1E+08	1.1E+08	-	0.1	0.15
ENSG0000(RGPD4-AS1)	lincRNA	chr2	1.08E+08	1.08E+08	-	0.33	0.22
ENSG0000(MTCO2P25)	unprocess	chr7	69330698	69331378	-	0	0
ENSG0000(OR7E55P)	unprocess	chr3	75370448	75371342	-	0	0
ENSG0000(PRB4)	protein_co	chr12	11307083	11310435	-	0	0
ENSG0000(KLHL7-AS1)	lincRNA	chr7	23101228	23105703	-	0.32	0.33
ENSG0000(RP11-466F)	processed	chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(YY1P1)	processed	chr10	70485336	70486325	-	0	0
ENSG0000(TNPO1P2)	processed	chr17	18460391	18463055	+	0.06	0.09
ENSG0000(FAM224B)	lincRNA	chrY	17552800	17579754	-	0	0
ENSG0000(THAP12P1)	processed	chrX	74396871	74399550	-	0	0
ENSG0000(CEACAM22)	transcribec	chr19	44537058	44620821	-	0.02	0.07
ENSG0000(SETSIP)	protein_co	chr1	92074533	92075441	-	0	0
ENSG0000(XXyac-YR2)	lincRNA	chrX	1.41E+08	1.41E+08	-	0	0
ENSG0000(NDUFS5P5)	processed	chr4	1.18E+08	1.18E+08	-	0	0
ENSG0000(PABPC1P3)	processed	chrX	74583088	74583546	-	0	0
ENSG0000(RP11-65J3)	lincRNA	chr9	1.29E+08	1.29E+08	-	0	0
ENSG0000(ENO1-AS1)	antisense	chr1	8878835	8879894	+	0.17	0
ENSG0000(AC004869)	lincRNA	chr7	46477822	46481578	-	0	0
ENSG0000(CEACAMP4)	unprocess	chr19	43303171	43304523	-	0	0
ENSG0000(GRPEL2P3)	processed	chr7	94782886	94783525	+	0	0
ENSG0000(DDTP1)	processed	chr3	38515448	38515830	-	0	0
ENSG0000(RP11-409K)	antisense	chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(AC067945)	antisense	chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(RP5-1114G)	lincRNA	chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(AC013402)	lincRNA	chr2	1.05E+08	1.05E+08	+	0	0
ENSG0000(MRPL35P4)	processed	chrX	12844865	12845430	-	0	0
ENSG0000(RP11-62F2)	antisense	chr9	16625676	16626390	+	0	0

ENSG0000(AC012462. antisense chr2	2.15E+08	2.15E+08 +	0	0
ENSG0000(AC011753. sense_intr chr2	1.1E+08	1.1E+08 -	0	0
ENSG0000(SAP18P3 processed_ chr3	20007852	20008247 -	0	0
ENSG0000(CTD-2330K antisense chr3	49899302	49903757 +	0	0
ENSG0000(RP11-5407 lincRNA chr1	911435	914948 +	0.04	0.12
ENSG0000(FBXW4P1 processed_ chr22	23262767	23265005 +	0.1	0.03
ENSG0000(RP11-681L processed_ chr2	61856695	61857055 +	0	0
ENSG0000(RP11-293P antisense chr1	24066774	24083565 +	0	0
ENSG0000(RP1-117P2 lincRNA chr1	1.7E+08	1.7E+08 -	0	0
ENSG0000(RP5-998G2 processed_ chrX	88061590	88062844 -	0	0
ENSG0000(RP11-364B processed_ chrX	1.4E+08	1.4E+08 +	0	0
ENSG0000(AC104024. lincRNA chr17	16975999	16981353 -	0	0
ENSG0000(LINC00332 lincRNA chr13	40181809	40189028 +	0	0.17
ENSG0000(CTAGE13P processed_ chr6	1.68E+08	1.68E+08 -	0	0
ENSG0000(GGTL4P unprocessε chr22	24248074	24249466 -	0	0
ENSG0000(RP11-152L lincRNA chr1	2.18E+08	2.18E+08 +	0	0
ENSG0000(RP11-274B processed_ chr7	1.29E+08	1.29E+08 +	5.97	5.2
ENSG0000(KRT8P7 processed_ chr11	1.2E+08	1.2E+08 -	0	0
ENSG0000(RP11-272L processed_ chr1	97774669	97775026 +	0	0
ENSG0000(RP11-14C2 lincRNA chr10	30723251	30723740 +	0	0
ENSG0000(RP4-612B1 processed_ chr1	86784913	86785467 +	0	0
ENSG0000(LINC01001 lincRNA chr11	127204	139612 -	3.12	4.3
ENSG0000(RP4-738P1 lincRNA chr20	25140789	25149258 -	0	0
ENSG0000(RBMY2WP unprocessε chrY	22762851	22769787 -	0	0
ENSG0000(RP11-240D sense_ovei chr1	54621477	54628438 -	0	0
ENSG0000(RP11-296L antisense chr9	34521527	34524241 +	0	0
ENSG0000(AC074011. antisense chr2	28633282	28664540 -	0	0.27
ENSG0000(RP11-478K lincRNA chr13	44234118	44243192 -	0	0
ENSG0000(AC127904. sense_intr chr3	1.97E+08	1.97E+08 +	0.12	0.22
ENSG0000(AC092171. lincRNA chr7	5475804	5479811 +	0	0
ENSG0000(RPL10P3 processed_ chr9	1.17E+08	1.17E+08 -	0	0.18
ENSG0000(RP11-413E sense_intr chr1	89629725	89676386 +	0	0
ENSG0000(RP1-149A1 lincRNA chr22	32376664	32384343 +	0	0
ENSG0000(AC106870. antisense chr2	29890371	29892354 +	0	0
ENSG0000(RP11-331H unprocessε chr1	1.63E+08	1.63E+08 +	0	0
ENSG0000(SC22CB-1D antisense chr22	33320865	33322813 +	0	0
ENSG0000(AC006007. lincRNA chr7	1.46E+08	1.46E+08 -	0	0
ENSG0000(AC021188. antisense chr2	96307263	96321731 -	0.44	0.29
ENSG0000(RP11-541H processed_ chr1	1.65E+08	1.65E+08 +	0	0
ENSG0000(MEIS1-AS2 antisense chr2	66439088	66441836 -	0	0
ENSG0000(SDAD1P2 processed_ chr20	10385779	10387806 +	0	0
ENSG0000(AC007036. sense_intr chr7	30140870	30141417 +	0	0
ENSG0000(ZNF341-AS antisense chr20	33787373	33811097 -	0.21	0
ENSG0000(MTATP6P2 processed_ chr10	69589880	69590355 -	0	0
ENSG0000(RHOQP3 processed_ chr2	1.3E+08	1.3E+08 -	0.61	0

ENSG0000(NFU1P1 processed_ chr3	39643638	39644705	+	0	0
ENSG0000(SNAP23P1 processed_ chr20	49038357	49038602	-	0	0
ENSG0000(RP11-153F lincRNA chr1	1.03E+08	1.03E+08	+	0	0
ENSG0000(MTND1P4 unprocessε chr7	57185788	57186202	+	0	0
ENSG0000(LINC01676 lincRNA chr1	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP3-408N2 processed_ chr22	40788777	40789267	-	0	0.34
ENSG0000(VN1R108P unprocessε chr20	25734264	25735093	+	0.46	0.17
ENSG0000(AC079807. lincRNA chr2	47941696	48240983	-	0	0
ENSG0000(RPS29P5 processed_ chr1	1.76E+08	1.76E+08	+	0	0
ENSG0000(ANKRD63 protein_co chr15	40281444	40282586	-	0	0
ENSG0000(RP1-140J1. processed_ chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP1-215K1 unitary_psι chrX	84973217	84977829	+	0	0
ENSG0000(RP11-508N antisense chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(AC009961. processed_ chr2	1.6E+08	1.6E+08	-	0	0
ENSG0000(AC006326. processed_ chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(PSAT1P3 processed_ chr1	79054945	79056055	-	0	0
ENSG0000(RP11-560L. processed_ chrX	1.06E+08	1.06E+08	+	0	0
ENSG0000(ARHGAP26 sense_intrι chr5	1.43E+08	1.43E+08	+	0	0
ENSG0000(AC012456. antisense chr2	11740997	11745301	-	0	0
ENSG0000(SMARCE1P processed_ chr13	44594858	44596082	+	0	0.11
ENSG0000(AF015720. lincRNA chr21	35713139	35732942	-	0	0
ENSG0000(HLA-K unprocessε chr6	29926459	29929232	+	0.07	0.32
ENSG0000(RP11-368N unprocessε chr7	57650381	57651119	-	0	0
ENSG0000(YY2 protein_co chrX	21855987	21858727	+	0.33	0.53
ENSG0000(FOXD3-AS1 antisense chr1	63320884	63324441	-	0	0
ENSG0000(AC007279. processed_ chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RP11-243J. processed_ chr20	31808503	31808749	-	0	0
ENSG0000(AC097532. lincRNA chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(C2orf27AP. unprocessε chr9	40121962	40122540	+	0	0
ENSG0000(AL132709. lincRNA chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(SRGAP2-AS antisense chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(AC099535. processed_ chr3	27486247	27486617	+	0	0
ENSG0000(RPS6P15 processed_ chr10	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-690C unprocessε chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(USP9YP24 unprocessε chrY	22528281	22536639	+	0	0
ENSG0000(RP11-4901 sense_intrι chr9	94824272	94824773	+	0	0
ENSG0000(LINC01362 lincRNA chr1	82903183	83166815	+	0	0
ENSG0000(MTND2P1ε processed_ chr10	19747823	19748621	+	0	0
ENSG0000(ZNF736P5) processed_ chrY	25018499	25019303	-	0	0
ENSG0000(AC000362. processed_ chr7	1.27E+08	1.27E+08	+	0	0
ENSG0000(KB-288A10 processed_ chr22	22446686	22448336	+	0	0
ENSG0000(CBX1P1 processed_ chrX	63299247	63299673	-	0	0
ENSG0000(AC005532. processed_ chr7	7255154	7277779	+	0	0
ENSG0000(RP11-417B antisense chr9	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-4921ε processed_ chr1	50114937	50115282	+	0	0

ENSG0000(CTD-2186N processed_ chr5	32221932	32222347	+	0	0
ENSG0000(ARPP21-AS antisense chr3	35650197	35651961	-	0	0
ENSG0000(AC007349. antisense chr7	36838972	36841373	+	0	0
ENSG0000(RP11-325P processed_ chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(RPEP3 processed_ chr1	27739954	27740629	+	0	0
ENSG0000(AC068580. lincRNA chr11	1776930	1778388	-	0	0
ENSG0000(AP001187. processed_ chr11	64881535	64881945	+	0	0
ENSG0000(LINC01293 lincRNA chr2	74940258	74942670	+	0	0.15
ENSG0000(RPL31P2 processed_ chr20	33752167	33752543	-	0	0
ENSG0000(LINC01614 lincRNA chr2	2.16E+08	2.16E+08	+	0.21	0.23
ENSG0000(RP5-968J1. lincRNA chr20	1804016	1817606	-	0	0
ENSG0000(AC097463. processed_ chr2	51925692	51925833	-	0	0
ENSG0000(RPL23AP15 processed_ chr1	2.28E+08	2.28E+08	-	0.17	0
ENSG0000(RP11-380D lincRNA chr20	56295967	56299160	-	0	0
ENSG0000(ZNF674-AS lincRNA chrX	46545493	46548408	+	1.42	1.44
ENSG0000(GSTA10P unprocessε chr6	52873014	52879940	-	0	0
ENSG0000(RP11-383M lincRNA chr9	81928021	81931368	-	0	0
ENSG0000(RP11-195E unprocessε chr5	71074225	71093193	-	0.32	1.13
ENSG0000(RP11-379C antisense chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(GOT2P2 processed_ chr1	1.73E+08	1.73E+08	-	0	0
ENSG0000(AP006294. processed_ chr11	3591277	3591615	-	0	0
ENSG0000(RP11-51G5 lincRNA chr6	84023055	84024553	+	0	0
ENSG0000(RPL10P11 processed_ chr7	80096600	80097215	-	0	0
ENSG0000(USP9YP20 unprocessε chrY	25923388	25929826	+	0	0
ENSG0000(YRDCP3 processed_ chr21	40863994	40864473	+	0	0
ENSG0000(CCNB1IP1P processed_ chr20	45567990	45568807	-	0	0
ENSG0000(RP4-595K1 processed_ chr1	75641346	75642087	-	0	0
ENSG0000(RP5-936J1. lincRNA chr1	1.03E+08	1.03E+08	-	0	0
ENSG0000(TSEN15P1 processed_ chr17	17456427	17457259	+	0	0
ENSG0000(CTA-342B1 lincRNA chr22	31970823	31973475	+	0	0
ENSG0000(RP11-462B processed_ chr9	32727069	32727522	-	0	0
ENSG0000(AGAP10P unprocessε chr10	45678692	45700532	+	0	0.21
ENSG0000(FBXW11P1 processed_ chr21	31627127	31628600	-	0.08	0.3
ENSG0000(RPS6P23 processed_ chr13	99173593	99174490	+	0	0
ENSG0000(MFSD13B unitary_ psι chr16	22382436	22407428	+	0	0
ENSG0000(STMND1 protein_co chr6	17102258	17131372	+	0	0
ENSG0000(LINC00486 lincRNA chr2	32825443	32926693	+	0	0
ENSG0000(RBMX2P4 processed_ chr7	12922545	12922920	-	0	0
ENSG0000(RP11-486B antisense chr1	41535443	41535868	+	0	0
ENSG0000(AC005077. processed_ chr7	76071469	76074963	-	0.11	0.12
ENSG0000(HMGB1P25 processed_ chr2	9018293	9018899	-	0	0
ENSG0000(SHC1P1 processed_ chrX	64432401	64434145	+	0	0
ENSG0000(LINC00692 processed_ chr3	25858533	25873700	-	0	0
ENSG0000(RP11-67K1 antisense chr9	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-767N sense_intrε chr1	45694684	45697075	-	0.7	2.69

ENSG0000(RPS18P12 processed_ chr17	14705076	14705534	-	0	0
ENSG0000(RP11-9L18. sense_intron chr1	1.66E+08	1.66E+08	-	0	0
ENSG0000(MAGEA8-A antisense chrX	1.5E+08	1.5E+08	-	0	0
ENSG0000(FAM204CP processed_ chr13	75688556	75689197	-	0	0
ENSG0000(XKRYP2 unprocessed chrY	18811338	18811829	-	0	0
ENSG0000(XXyac-YX6 antisense chr20	23798141	23805663	+	0	0
ENSG0000(RP3-525N1 antisense chr6	68629962	68635027	-	0.02	0
ENSG0000(PPIHP1 processed_ chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP3-508I15 antisense chr22	38666508	38668750	-	0	0
ENSG0000(NPM1P51 processed_ chr6	41666906	41667649	+	0.88	0.48
ENSG0000(AC004840. transcribed chr7	2383698	2388652	+	0.11	0
ENSG0000(MTCO1P53 processed_ chrX	1.26E+08	1.26E+08	+	0.19	1.04
ENSG0000(AC008063. antisense chr2	1.62E+08	1.62E+08	+	6.39	7.5
ENSG0000(RP11-527D lincRNA chr9	9799423	9803784	+	0	0
ENSG0000(HAO2-IT1 sense_intron chr1	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP4-753M1 sense_intron chr22	45000565	45003619	-	0	0
ENSG0000(LINC00309 lincRNA chr2	64185078	64205485	-	0	0
ENSG0000(RP11-104D unprocessed chrX	51082818	51091228	+	0	0
ENSG0000(TMBIM7P unitary_psi chr7	92412976	92439562	-	0	0
ENSG0000(RP11-34A1 antisense chr10	98252023	98256575	+	0	0.22
ENSG0000(RP11-395C processed_ chr5	1.27E+08	1.27E+08	-	0	0
ENSG0000(GXYLT1P1 processed_ chr13	18724415	18724904	-	0	0
ENSG0000(RP5-947P1 processed_ chr1	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-402P processed_ chrX	71691932	71692179	+	0	0
ENSG0000(RPS3P1 processed_ chr20	14003508	14003699	+	0	0
ENSG0000(RP11-775L. processed_ chr7	55342316	55344958	+	0	0
ENSG0000(MIR205HG processed_ chr1	2.09E+08	2.09E+08	+	0	0
ENSG0000(RP11-314C lincRNA chr6	8784178	8785445	+	0.16	0
ENSG0000(AC002386. lincRNA chr7	1.09E+08	1.09E+08	-	0	0
ENSG0000(HMGN1P5 processed_ chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-367G lincRNA chr6	1.14E+08	1.14E+08	-	0.3	0
ENSG0000(AC026202. lincRNA chr3	5255535	5256761	-	0	0
ENSG0000(LINC01507 lincRNA chr9	80030579	80034555	+	0	0
ENSG0000(HNRNPA1F processed_ chr1	1.01E+08	1.01E+08	-	0	0
ENSG0000(AP000356. sense_intron chr22	24598054	24599398	+	0	0
ENSG0000(AP001331. processed_ chr8	1.08E+08	1.08E+08	-	0	0
ENSG0000(MTND2P21 unprocessed chr2	1.17E+08	1.17E+08	+	0	0
ENSG0000(GPS2P2 processed_ chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(AC099344. lincRNA chr2	11357515	11365636	-	0	0
ENSG0000(RP4-631H1 processed_ chr1	52920422	52920596	+	0	0
ENSG0000(RP11-109P antisense chr1	37860697	37861580	+	0	0
ENSG0000(RP3-452M1 processed_ chrX	88096393	88097225	-	0	0
ENSG0000(AC093166. processed_ chr2	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP5-1086L1 antisense chr6	1.7E+08	1.7E+08	-	0	0
ENSG0000(LINC01520 lincRNA chr10	85449592	85491996	+	0	0

ENSG0000(AC018696. processed_ chr2	91578478	91578573	+	0	0
ENSG0000(SNX18P13 processed_ chr21	13905960	13906488	-	0	0
ENSG0000(RP11-1071J lincRNA chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(AC084149. lincRNA chr2	77672215	77673792	+	0	0
ENSG0000(LINC02090 lincRNA chr17	16988329	16990177	+	0	0
ENSG0000(HHATL-AS1 antisense chr3	42702653	42706776	+	0	0
ENSG0000(AC005703. lincRNA chr17	15267461	15272290	-	0	0
ENSG0000(AP001255. lincRNA chr21	23065491	23131206	+	0	0
ENSG0000(RP1-154J1: processed_ chrX	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC084193. lincRNA chr2	80699388	80870190	-	0	0
ENSG0000(AC023274. unprocessε chrY	24182477	24183071	+	0	0
ENSG0000(LINC00160 lincRNA chr21	34723807	34737181	-	0	0
ENSG0000(AC079250. processed_ chr2	47690716	47691246	-	0.15	0.17
ENSG0000(RPL36AP3ε processed_ chr11	1792553	1792870	+	0	0
ENSG0000(DSTNP1 processed_ chr21	46653558	46654022	-	0	0
ENSG0000(DDX3P2 processed_ chrX	74133004	74133114	-	0	0
ENSG0000(RP11-113I2 processed_ chr1	1.9E+08	1.9E+08	-	0	0
ENSG0000(RPL23AP11 processed_ chr14	1.03E+08	1.03E+08	-	0	0.18
ENSG0000(HSBP1 protein_co chr16	83807843	83819737	+	49.07	52.95
ENSG0000(RP4-734C1 lincRNA chr20	11234170	11301525	-	0	0
ENSG0000(AC092625. lincRNA chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(FAM201B processed_ chr2	1.32E+08	1.32E+08	+	0	0.13
ENSG0000(RPL12P15 processed_ chr2	1.22E+08	1.22E+08	-	0	0.17
ENSG0000(FGFR3P1 processed_ chr6	31377419	31378019	+	0	0
ENSG0000(RAB42P1 processed_ chr14	89892128	89892443	+	0	0
ENSG0000(MTND5P8 unprocessε chr7	1.12E+08	1.12E+08	+	0	0
ENSG0000(CCNB1IP1P processed_ chrX	94776739	94777567	-	0	0
ENSG0000(CECR9 TEC chr22	17329034	17329232	+	0	0
ENSG0000(RPL39P39 processed_ chr20	57328546	57328696	+	0	0
ENSG0000(RPL7P32 processed_ chr7	1.09E+08	1.09E+08	+	0.09	0
ENSG0000(CDC20P1 processed_ chr9	87011652	87013151	+	0.5	0.25
ENSG0000(CUBNP1 unprocessε chr10	42694371	42714575	-	0	0
ENSG0000(RP6-109B7 lincRNA chr22	46055740	46058160	-	0	0
ENSG0000(RP11-494Iε processed_ chrX	22616744	22617143	-	0	0
ENSG0000(AC013275. antisense chr2	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP5-860P4 lincRNA chr20	24679547	24680991	+	0	0
ENSG0000(AC013404. processed_ chr2	2.11E+08	2.11E+08	-	0	0
ENSG0000(EIF4A1P3 processed_ chr9	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-545P lincRNA chr13	88142867	88236082	+	0	0
ENSG0000(RP11-357J: processed_ chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(RPS3AP9 processed_ chr1	1.89E+08	1.89E+08	+	0	0
ENSG0000(LINC00326 lincRNA chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(AC092431. lincRNA chr2	69700192	69713847	-	0	0
ENSG0000(XKRYP4 unprocessε chrY	23917241	23917723	-	0	0
ENSG0000(LINC00271 lincRNA chr6	1.35E+08	1.36E+08	+	0.29	0.19

ENSG0000(RP3-455J7.processed_chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(LINC01804.lincRNA_chr2	15690782	15744339	+	0	0
ENSG0000(AC114814.processed_chr2	2.35E+08	2.35E+08	-	0	0
ENSG0000(RP11-346K.processed_chr20	34688688	34688978	+	0	0
ENSG0000(RPL7L1P9.processed_chr2	2.18E+08	2.18E+08	-	0.09	0
ENSG0000(RP11-445P.lincRNA_chr10	5234358	5263408	+	0	0
ENSG0000(LINC01911.lincRNA_chr2	1.47E+08	1.47E+08	+	0	0
ENSG0000(AC007238.processed_chr2	58460292	58462032	-	0	0
ENSG0000(RP11-428F.antisense_chr6	1.11E+08	1.11E+08	-	0	0
ENSG0000(GCNT1P3.processed_chr3	1.91E+08	1.91E+08	+	0	0
ENSG0000(OR52B5P.unprocessεchr11	5560967	5561917	+	0	0
ENSG0000(RP1-140A9.antisense_chr1	1891471	1892658	+	0.34	0.08
ENSG0000(USP17L28.protein_cochr4	9348893	9350485	+	0	0
ENSG0000(RP11-91N2.lincRNA_chr9	2541097	2541635	+	0	0
ENSG0000(RP13-26D1.processed_chrX	70361486	70362374	-	0	0
ENSG0000(AC009236.lincRNA_chr2	45168583	45169414	+	0	0
ENSG0000(RP1-290I1C.lincRNA_chr6	10474500	10478502	-	0	0
ENSG0000(RP11-122N.antisense_chr1	2.12E+08	2.12E+08	+	0	0.07
ENSG0000(MSANTD2F.processed_chr21	23101223	23103074	+	0	0
ENSG0000(FARSBP1.processed_chr10	80776165	80778088	-	0	0
ENSG0000(LINC00395.antisense_chr13	63667681	63738018	-	0	0
ENSG0000(AC103563.antisense_chr2	95051395	95053176	-	0	0
ENSG0000(AC006994.processed_chr2	2.1E+08	2.1E+08	+	0	0
ENSG0000(RP11-263K.antisense_chr1	1.55E+08	1.55E+08	+	2.25	0.7
ENSG0000(NPM1P9.processed_chrX	14834476	14835319	-	0	0
ENSG0000(KRTAP21-3.protein_cochr21	30718525	30718777	-	0	0
ENSG0000(BX842568.unprocessεchrX	36985523	36986093	-	0	0
ENSG0000(OR52Y1P.unprocessεchr11	4793778	4795284	-	0	0
ENSG0000(RP5-1068H.processed_chr20	4735669	4736673	-	0	0
ENSG0000(GAPDHP64.processed_chr1	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-316N.antisense_chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(HCG18.antisense_chr6	30287397	30327150	-	9.84	8.82
ENSG0000(RP11-560A.lincRNA_chr20	57105741	57107128	+	0	0
ENSG0000(AC105402.antisense_chr2	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-342H.antisense_chr1	66826942	66828558	+	0	0
ENSG0000(RP4-760C5.lincRNA_chr20	26008791	26010531	-	0.4	0.15
ENSG0000(RP11-514F.lincRNA_chr10	80649797	80653732	+	0	0
ENSG0000(AC011747.lincRNA_chr2	8600892	8622942	-	0	0
ENSG0000(CTA-253N1.processed_chr1	1.85E+08	1.85E+08	-	0.94	0
ENSG0000(TSSK1A.unitary_ψchr22	19124879	19125646	+	0	0
ENSG0000(FDPSP7.processed_chr7	76968197	76969250	-	0	0
ENSG0000(RP11-101C.lincRNA_chr1	55217861	55234177	+	0	0
ENSG0000(AC012513.antisense_chr2	2.16E+08	2.16E+08	+	0	0
ENSG0000(RP13-150K.processed_chrX	1.46E+08	1.46E+08	+	0	0
ENSG0000(GYG1P3.processed_chr1	55222379	55223372	+	0	0

ENSG0000(NDUFB4P3 processed_ chr17	19840126	19840515	+	0	0
ENSG0000(AC008154. antisense chr7	1.34E+08	1.34E+08	+	0	0
ENSG0000(BMS1P19 processed_ chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-740C unprocessε chr1	1.6E+08	1.6E+08	+	0	0
ENSG0000(RP11-298J. antisense chr6	41720396	41734032	+	0	0
ENSG0000(PRAMEF30 unprocessε chr1	12838125	12841357	-	0	0
ENSG0000(RP11-354N antisense chr10	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP5-1071N antisense chr1	21293290	21299774	+	0.07	0.02
ENSG0000(LINC01436 lincRNA chr21	36005338	36007838	+	0	0
ENSG0000(LINC01508 lincRNA chr9	90300902	90433505	-	0	0
ENSG0000(PRELID3BP processed_ chr9	6734598	6735076	-	0	0
ENSG0000(AC004070. lincRNA chrX	1.4E+08	1.4E+08	-	0	0
ENSG0000(MTHFD2P3 processed_ chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP3-475N1 antisense chr6	42940364	42948360	+	0.3	0.54
ENSG0000(AC078842. lincRNA chr7	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP4-569M. antisense chr20	47352561	47354633	+	0.16	0.14
ENSG0000(BTF3P10 processed_ chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(FAM25E transcribed chr10	45815428	45817324	-	0	0
ENSG0000(SPATA20P1 processed_ chr21	38238227	38238664	-	0	0
ENSG0000(UBE2V1P1. processed_ chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(AF129075. sense_intrε chr21	29058073	29060095	-	0.32	0.36
ENSG0000(RP5-1073C antisense chr1	1.14E+08	1.14E+08	+	0	0
ENSG0000(HLA-T unprocessε chr6	29896654	29897786	+	0	0
ENSG0000(LINC01468 lincRNA chr10	52450874	52470533	-	0	0.14
ENSG0000(RP11-40C1 antisense chr10	51244894	51245806	-	0	0
ENSG0000(HAR1B lincRNA chr20	63095493	63102319	-	0.49	0.31
ENSG0000(TCF7L1-IT1 sense_intrε chr2	85186409	85187253	+	0.17	0
ENSG0000(AP000705. processed_ chr21	22153950	22154299	-	0	0
ENSG0000(RBM22P5 processed_ chr9	76286494	76288081	-	0	0
ENSG0000(RP11-391N antisense chr10	1.24E+08	1.24E+08	+	0	0
ENSG0000(AC104843. unprocessε chr7	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-347J. lincRNA chr9	39395737	39397406	-	0	0
ENSG0000(TTTY3 lincRNA chrY	25728490	25733388	+	0	0
ENSG0000(RP3-463P1 lincRNA chr6	94163920	94194658	+	0	0
ENSG0000(EEF1A1P4C processed_ chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(ARHGAP42 unprocessε chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(HMGB1P7 processed_ chr10	31913143	31913754	+	0	0
ENSG0000(RP11-10J1. lincRNA chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP1-207H1 antisense chr6	38923029	38953099	-	0	0
ENSG0000(MTND2P15 processed_ chr10	69594041	69594932	-	0	0
ENSG0000(AC002429. processed_ chr7	95018407	95018554	+	0	0
ENSG0000(MORF4L2-1 antisense chrX	1.04E+08	1.04E+08	+	0.16	0.2
ENSG0000(AC093702. lincRNA chr2	45013214	45013668	-	0.24	0.54
ENSG0000(PTP4A1P1 processed_ chr2	1.58E+08	1.58E+08	+	0	0
ENSG0000(OFD1P8Y unprocessε chrY	21972313	22005349	+	0	0

ENSG0000(KLF3-AS1 processed_ chr4	38612701	38664883	-	3.08	3.57
ENSG0000(COX11P1 processed_ chr6	28446973	28447807	+	0	0
ENSG0000(CSMD2-AS antisense chr1	33868953	33885458	+	0	0
ENSG0000(RPL7P56 processed_ chrX	1.37E+08	1.37E+08	+	0	0
ENSG0000(TRBV26OR TR_V_pseu chr9	33695767	33696059	+	0	0
ENSG0000(TUBB4BP6 processed_ chr9	1.19E+08	1.19E+08	+	0	0
ENSG0000(YBX1P2 processed_ chr7	1.06E+08	1.06E+08	-	0	0
ENSG0000(EEF1B2P1 processed_ chr15	52505191	52505862	+	0	0
ENSG0000(AC002451. antisense chr7	95596682	95613719	+	0.08	0
ENSG0000(LINC01098 lincRNA chr4	1.78E+08	1.78E+08	+	0.06	0
ENSG0000(AC007099. antisense chr2	75524068	75542706	+	0	0
ENSG0000(AC116609. lincRNA chr2	741977	749856	+	0	0
ENSG0000(LINC01720 lincRNA chr1	1.91E+08	1.91E+08	+	0.05	0
ENSG0000(LINC00852 antisense chr3	10284419	10285746	+	0.35	0.14
ENSG0000(RP11-125D lincRNA chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP13-15M: processed_ chr1	9576427	9576985	+	0	0.14
ENSG0000(AC007003. processed_ chr7	76902491	76919191	+	0	0
ENSG0000(FAM58DP processed_ chr13	19382454	19383072	+	0	0
ENSG0000(AC005592. antisense chr5	1.42E+08	1.43E+08	+	0	0
ENSG0000(RP11-38L1: antisense chr10	46582782	46598145	-	5.03	3.12
ENSG0000(RP11-34D1 antisense chr10	1E+08	1E+08	-	0	0
ENSG0000(AC013448. lincRNA chr2	2.23E+08	2.24E+08	+	0.09	0.09
ENSG0000(OR5H1 protein_co chr3	98132698	98133639	+	0	0
ENSG0000(RP11-462B lincRNA chr9	32840598	32841762	-	0	0
ENSG0000(FARP1-AS1 antisense chr13	98435405	98435840	-	0	0
ENSG0000(IFNA11P unprocess€ chr9	21398614	21399139	-	0	0
ENSG0000(AC004987. processed_ chr7	39833286	39833793	-	0	0
ENSG0000(MTND5P1€ processed_ chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(LINC01830 lincRNA chr2	21933336	22531105	-	0	0
ENSG0000(AF127577. antisense chr21	14971470	14992854	+	0	0
ENSG0000(TRGVB TR_V_pseu chr7	38295763	38296233	-	0	0
ENSG0000(KRT8P10 processed_ chr2	1.83E+08	1.83E+08	-	0	0
ENSG0000(AC011752. lincRNA chr2	21317660	21561313	+	0	0
ENSG0000(ZNF826P transcribec chr19	20340269	20424969	-	0.85	0.59
ENSG0000(HNRNPA1P processed_ chrX	74473017	74473953	-	0.07	0
ENSG0000(RP1-144C9 processed_ chr1	27389468	27390145	+	0	0
ENSG0000(ZBTB46-AS antisense chr20	63808076	63816521	+	0	0.15
ENSG0000(LINC01510 lincRNA chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(RPL17P49 processed_ chrX	12395757	12396167	-	0	0
ENSG0000(RP11-111F lincRNA chr9	62349941	62351536	-	0.13	0
ENSG0000(PLSCR5 protein_co chr3	1.47E+08	1.47E+08	-	0	0
ENSG0000(GS1-600G& antisense chrX	13310652	13319933	+	0	0
ENSG0000(RP11-1M1: lincRNA chrX	6667865	6721544	-	0	0
ENSG0000(PRAMEF32 unprocess€ chr1	13273539	13275627	-	0	0
ENSG0000(LINC01593 lincRNA chr2	1.08E+08	1.08E+08	-	0	0

ENSG00000108440	ARF4P4	processed	chr13	80888348	80888867	+	0	0
ENSG00000108441	TRIM31-AS	antisense	chr6	30105240	30114724	+	0	0
ENSG00000108442	RP11-85O2	sense	chr9	1.24E+08	1.24E+08	+	0	0
ENSG00000108443	CTD-2593A	processed	chr5	1.81E+08	1.81E+08	+	0	0
ENSG00000108444	LINC01423	lincRNA	chr21	38323635	38333421	-	0	0
ENSG00000108445	RP11-548K	unprocessed	chr7	57822465	57822801	-	0	0
ENSG00000108446	CFAP58-AS	antisense	chr10	1.04E+08	1.04E+08	-	0.56	0.27
ENSG00000108447	SKP1P1	transcribed	chr7	66423405	66423893	-	0.25	0
ENSG00000108448	RP11-75A9	processed	chrX	46418450	46420079	-	0	0
ENSG00000108449	AP001604	lincRNA	chr21	27358885	27448579	-	0	0
ENSG00000108450	OR6K1P	unprocessed	chr1	1.59E+08	1.59E+08	-	0	0
ENSG00000108451	LINC00349	lincRNA	chr13	18540497	18550697	+	0	0
ENSG00000108452	KLF2P1	processed	chr2	1.3E+08	1.3E+08	+	0	0
ENSG00000108453	RPS3AP3	processed	chr20	37021743	37021984	-	0	0
ENSG00000108454	RP11-134J	antisense	chr3	38823902	38825302	+	0	0
ENSG00000108455	PSMC1P3	processed	chr7	1.37E+08	1.37E+08	+	0	0.1
ENSG00000108456	C1DP1	processed	chr10	32511336	32511737	-	0.84	0
ENSG00000108457	RP5-965F6	lincRNA	chr1	1.12E+08	1.12E+08	-	0.13	0
ENSG00000108458	RP11-160N	lincRNA	chr9	61615876	61627683	+	0	0
ENSG00000108459	ITPR1-AS1	antisense	chr3	4490891	4493163	-	0.22	0.48
ENSG00000108460	RP3-35711	processed	chr1	30226523	30226615	+	0	0
ENSG00000108461	RP11-436K	lincRNA	chr1	60659631	60867998	-	0	0
ENSG00000108462	LINC01640	lincRNA	chr22	33108529	33116294	+	0	0
ENSG00000108463	PCED1CP	processed	chr2	2.13E+08	2.13E+08	+	0	0
ENSG00000108464	AC005009	antisense	chr7	86775081	86776022	-	0	0
ENSG00000108465	C17orf105	protein_coding	chr17	43780435	43787612	+	0.07	0.04
ENSG00000108466	ZSWIM5P2	unprocessed	chr17	20583758	20591180	-	0	0
ENSG00000108467	AC125232	unprocessed	chr2	87031815	87053069	-	4.66	5.08
ENSG00000108468	HMGN2P1	processed	chr22	41709225	41709489	-	0	0
ENSG00000108469	ARAFP1	processed	chr7	63937905	63938509	-	0	0
ENSG00000108470	TRERNA1	lincRNA	chr20	50040716	50041504	-	0	0
ENSG00000108471	AC010745	lincRNA	chr2	16227027	16228194	-	0	0
ENSG00000108472	RP13-347D	processed	chrX	1.19E+08	1.19E+08	+	0	0
ENSG00000108473	AP000350	unprocessed	chr22	23949918	23954042	+	0	0
ENSG00000108474	RP4-799P1	sense	chr1	2.34E+08	2.34E+08	+	0	0
ENSG00000108475	SBK3	protein_coding	chr19	55540656	55545543	-	0	0
ENSG00000108476	E2F4P1	processed	chr6	39553811	39554943	+	0	0
ENSG00000108477	OR9S24P	unprocessed	chr2	2.4E+08	2.4E+08	+	0	0
ENSG00000108478	SALL4P6	processed	chr3	42321005	42322695	+	0	0
ENSG00000108479	APCDD1L-1	processed	chr20	58515379	58619888	+	0.28	0.32
ENSG00000108480	RP11-445C	lincRNA	chr5	4512262	4516776	+	0	0
ENSG00000108481	IGKV1OR2-1	IG_V_gene	chr2	1.13E+08	1.13E+08	+	0	0
ENSG00000108482	RPL36AP6	processed	chr9	1.08E+08	1.08E+08	-	0	0
ENSG00000108483	RP4-797C5	antisense	chr7	1.21E+08	1.21E+08	-	0	0
ENSG00000108484	RP1-39G22	processed	chr1	40262672	40262984	-	0	0

ENSG0000(RP11-459F)	lincRNA	chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(LINC00704)	lincRNA	chr10	4650185	4678154	-	0.39	0.51
ENSG0000(SEPT14P24)	unprocessed	chr7	56360362	56360541	-	0	0
ENSG0000(EZH2P1)	processed	chr21	35599732	35600022	-	0	0
ENSG0000(RPL13AP)	processed	chr6	29582508	29583025	+	0	0
ENSG0000(RPL36P2)	processed	chr20	50620763	50621077	+	0	0
ENSG0000(SG01-AS1)	processed	chr3	20174244	21145967	+	0.15	0.24
ENSG0000(RP11-723C)	antisense	chr3	1.29E+08	1.29E+08	-	0.39	0.1
ENSG0000(RPS3P2)	processed	chr20	38537758	38538458	+	0.19	0.1
ENSG0000(TBL1XR1-A)	antisense	chr3	1.77E+08	1.77E+08	+	0	0
ENSG0000(PRYP2)	unprocessed	chrY	18161366	18176484	+	0	0
ENSG0000(AC007246)	antisense	chr2	39436637	39665343	+	12.09	9.02
ENSG0000(CLIC1P1)	processed	chr12	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-134L)	processed	chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-310H)	unprocessed	chr7	55656768	55678490	-	0	0
ENSG0000(RPL13AP17)	transcribed	chr7	78347142	78359458	+	0	0
ENSG0000(AP000696)	lincRNA	chr21	36632681	36637033	-	0.05	0.12
ENSG0000(RP11-69C1)	lincRNA	chr10	2169140	2189474	-	0	0
ENSG0000(LINC01816)	lincRNA	chr2	70124036	70125317	-	0.41	0.11
ENSG0000(TPT1P7)	processed	chr7	23811144	23811660	-	0	0
ENSG0000(RP1-225E1)	antisense	chr6	1.39E+08	1.39E+08	-	0	0.13
ENSG0000(AC103563)	unprocessed	chr2	94953161	94953593	-	0	0
ENSG0000(OOEP-AS1)	antisense	chr6	73369704	73387717	+	0	0
ENSG0000(RPL34P6)	processed	chr1	2.01E+08	2.01E+08	+	0	0.9
ENSG0000(AC104781)	antisense	chr2	54747103	54748404	-	0	0
ENSG0000(AC107072)	sense_intronic	chr4	76637623	76644368	+	0	0
ENSG0000(AC017006)	antisense	chr2	46166789	46167978	-	0	0
ENSG0000(ACTG1P10)	processed	chrX	53142832	53143913	-	0	0
ENSG0000(VDAC1P6)	processed	chrY	5207215	5208069	-	0	0.08
ENSG0000(RP3-426I6)	processed	chr1	27739091	27739439	+	0	0
ENSG0000(BEND3P1)	transcribed	chr10	50655967	50660472	+	0	0
ENSG0000(LINC01160)	lincRNA	chr1	1.12E+08	1.12E+08	-	0.99	1.07
ENSG0000(RP11-444C)	processed	chr1	86404176	86404866	-	0	0
ENSG0000(AC111200)	processed	chr2	86930250	86930754	-	0	0
ENSG0000(RP11-5P18)	unprocessed	chr1	15988182	15988441	+	0	0
ENSG0000(AP000302)	antisense	chr21	33482499	33484258	-	0	0
ENSG0000(RP13-238N)	processed	chrX	66360766	66361776	-	0	0
ENSG0000(AC006028)	processed	chr7	2835621	2836022	+	0	0
ENSG0000(RP11-442J)	lincRNA	chr13	18921889	18923765	-	0	0
ENSG0000(AC072052)	processed	chr7	6490793	6491098	-	0	0
ENSG0000(RPS29P23)	processed	chr19	12373609	12373731	+	0	0
ENSG0000(RP11-715I4)	processed	chr3	13052967	13053122	-	0	0
ENSG0000(LINC01712)	lincRNA	chr1	83445967	83462687	+	0	0
ENSG0000(RP11-418J)	antisense	chr1	1.19E+08	1.19E+08	+	2.49	3.36
ENSG0000(RPS26P40)	processed	chr10	70794230	70794523	-	0	0

ENSG0000(AC016995. lincRNA	chr2	38406719	38515740	-	0	0.21
ENSG0000(RPSAP40 processed_	chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP1-40G4P processed_	chr22	26886909	26887548	-	0.12	0
ENSG0000(AKR1B1P8 processed_	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(GNA14-AS1 antisense	chr9	77456295	77526697	+	0	0
ENSG0000(CDY17P unprocessε	chrY	24049878	24051487	-	0	0
ENSG0000(HMGN2P1 processed_	chr9	15588355	15588615	+	0	0
ENSG0000(NDUFAF4P processed_	chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(RNF2P1 processed_	chr9	6668999	6670008	-	0.12	0
ENSG0000(NBPFP21P unprocessε	chr3	36616006	36637457	-	0	0
ENSG0000(FGF12-AS1 antisense	chr3	1.92E+08	1.92E+08	+	0	0
ENSG0000(AC007919. processed_	chr3	1.73E+08	1.73E+08	+	0	0
ENSG0000(AC007395. processed_	chr2	70810798	70811474	-	0	0
ENSG0000(RP11-702C processed_	chrX	26496936	26505603	+	0	0
ENSG0000(HLA-DPA1 protein_co	chr6	33064569	33080775	-	3.58	6.14
ENSG0000(SNX18P8 unprocessε	chr9	40293082	40293955	+	0	0.08
ENSG0000(LL22NC03- unprocessε	chr22	22774529	22774691	+	0	0
ENSG0000(RP11-331F antisense	chr9	35642514	35643517	+	0	0
ENSG0000(RP11-310H lincRNA	chr7	55593777	55595006	+	0	0
ENSG0000(ARL4AP4 processed_	chr3	23878981	23879498	-	0	0
ENSG0000(USP17L10 protein_co	chr4	9210657	9212608	+	0	0
ENSG0000(AC004941. processed_	chr7	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-375N processed_	chr10	97275012	97278097	+	0	0
ENSG0000(SNRPEP8 processed_	chr10	53038285	53038544	+	0	0
ENSG0000(AC023481. lincRNA	chr3	8364707	8366392	-	0	0
ENSG0000(WASF5P processed_	chr6	31287510	31288964	-	0	0
ENSG0000(AC099344. lincRNA	chr2	11388023	11390367	-	0	0
ENSG0000(RAC1P3 processed_	chr13	41287741	41288320	-	0	0
ENSG0000(CTA-992D9 lincRNA	chr22	27143478	27159878	+	0	0
ENSG0000(RP11-576I2 antisense	chr1	1.7E+08	1.71E+08	-	0.13	0
ENSG0000(RP11-83J16 processed_	chr15	34943080	34943394	+	0.99	0
ENSG0000(DUX4L31 unprocessε	chrY	10171590	10172725	-	0	0
ENSG0000(CTC-490G2 lincRNA	chr19	43329295	43331430	-	0	0
ENSG0000(RP11-193P lincRNA	chr1	48078787	48082196	-	0	0
ENSG0000(AC016700. processed_	chr2	70253855	70254010	-	0	3.1
ENSG0000(RP11-422P processed_	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(IRX1P1 unprocessε	chr13	24742677	24746184	+	0	0
ENSG0000(AC006380. lincRNA	chr7	31414645	31421286	-	0	0
ENSG0000(LINC00689 processed_	chr7	1.59E+08	1.59E+08	+	0	0.02
ENSG0000(LINC01817 lincRNA	chr2	1.5E+08	1.5E+08	-	0	0
ENSG0000(AC006050. processed_	chr17	30573471	30577000	-	0	0
ENSG0000(LINC01516 lincRNA	chr10	25113058	25161236	+	0	0
ENSG0000(RAB9AP5 unprocessε	chrY	23956569	23960218	+	0	0
ENSG0000(RP1-45C12 antisense	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(RP5-899B1 lincRNA	chr6	1.4E+08	1.4E+08	+	0	0

ENSG0000(LINC01445 lincRNA chr7	54330697	54349849	+	0	0
ENSG0000(LINC00396 lincRNA chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-343N lincRNA chr1	1.21E+08	1.21E+08	+	0	0.76
ENSG0000(FAR2P4 transcribed chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-144L processed_ chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC011747. lincRNA chr2	8543592	8575501	-	0	0
ENSG0000(RBMY3AP unprocessed chrY	9610571	9621276	-	0	0
ENSG0000(LINC01750 lincRNA chr1	1.12E+08	1.12E+08	+	0.23	0.1
ENSG0000(WASIR2 lincRNA chr16	22910	25123	+	0.23	0.13
ENSG0000(RP11-467L sense_intronic chr1	2.41E+08	2.41E+08	-	0	0
ENSG0000(RP11-472M antisense chr6	56844002	56864078	+	0	0
ENSG0000(LARP1BP1 processed_ chr4	63350114	63351472	+	0	0
ENSG0000(AC024937. processed_ chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(TIMM8AP1 processed_ chr2	1.62E+08	1.62E+08	-	0.43	0.41
ENSG0000(RP1-14D6. antisense chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(AC097359. processed_ chr3	37196204	37196666	+	0	0.56
ENSG0000(LINC01305 lincRNA chr2	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP11-160N processed_ chr9	61665579	61666386	+	0	0
ENSG0000(RNASEH1P processed_ chr17	16683438	16684227	+	0	0
ENSG0000(RP11-321L lincRNA chr9	23829670	23849914	+	0	0
ENSG0000(HLA-DPA2 unprocessed chr6	33091753	33097295	-	0	0
ENSG0000(AC024937. processed_ chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP11-542K antisense chr9	1.22E+08	1.22E+08	+	0	0
ENSG0000(CTA-246H3 processed_ chr22	25349543	25350322	-	0	0.27
ENSG0000(RP5-1170K antisense chr22	37080068	37082847	+	0	0
ENSG0000(PRX3P2 processed_ chr1	28526318	28527227	-	0	0
ENSG0000(HMGB3P2 processed_ chr20	36076018	36076601	-	0	0
ENSG0000(HMGN2P3. processed_ chr10	72636497	72636765	-	0	0
ENSG0000(LINC00441 lincRNA chr13	48296513	48303661	-	0	0
ENSG0000(IGHV4-31 IG_V_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC074389. lincRNA chr7	1620654	1621405	+	0	0
ENSG0000(CTB-187M. lincRNA chr17	19457080	19458399	+	0	0
ENSG0000(FCF1P9 transcribed chrX	86481532	86481813	+	0	0
ENSG0000(SNRPGP13 processed_ chr21	38502445	38502621	+	0	0
ENSG0000(AC141930. lincRNA chr2	1572554	1580311	-	0	0
ENSG0000(RP11-336A lincRNA chr10	5608475	5610793	-	0	0
ENSG0000(RP11-548K unprocessed chr7	57828331	57837046	+	0	0
ENSG0000(RP4-535B2 lincRNA chr1	65066627	65067737	-	0.33	0.37
ENSG0000(AP006285. lincRNA chr11	1662584	1663343	-	0	0
ENSG0000(AF196972. processed_ chrX	48423342	48423468	-	0	0
ENSG0000(RPL7L1P2 processed_ chr7	51259429	51260167	-	0	0
ENSG0000(JKAMPP1 processed_ chr9	12287320	12288238	+	0	0
ENSG0000(AP003774. lincRNA chr11	64420391	64432670	+	0	0
ENSG0000(AC104634. processed_ chr2	2.32E+08	2.32E+08	+	0	0.19
ENSG0000(RP1-213J1 lincRNA chr22	27707580	27709931	+	0	0

ENSG0000(RP1-251M1)	lincRNA	chr10	10960151	10970816	+	0	0
ENSG0000(RPS18)	protein_coding	chr6	33272010	33276510	+	1741.66	1700.92
ENSG0000(MTND4LP1)	processed_transcript	chrX	1.26E+08	1.26E+08	+	0	0
ENSG0000(PTMAP4)	processed_transcript	chr12	9239986	9240331	-	0	0
ENSG0000(NMD3P2)	processed_transcript	chr7	56502284	56503044	-	0	0
ENSG0000(AC108868)	lincRNA	chr2	1.07E+08	1.07E+08	-	0	0
ENSG0000(LINC01353)	lincRNA	chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(RPL34P20)	processed_transcript	chr10	97393197	97393547	-	0	0
ENSG0000(RP11-574F)	lincRNA	chr9	5584490	5588994	+	0	0
ENSG0000(RP11-542C)	lincRNA	chr1	5086459	5090899	-	0	0
ENSG0000(LINC01347)	lincRNA	chr1	2.43E+08	2.43E+08	-	0.71	0.14
ENSG0000(E2F6P4)	processed_transcript	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(FAM58CP)	processed_transcript	chrY	26626520	26627159	-	0	0
ENSG0000(AC006003)	sense_intronic	chr7	1.58E+08	1.58E+08	-	0	0
ENSG0000(CBX1P5)	processed_transcript	chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(AC007285)	antisense	chr7	30069658	30075115	-	0	0
ENSG0000(RP11-244N)	antisense	chr9	97634515	97636051	-	0	0
ENSG0000(SEPT14P1)	unprocessed_transcript	chr7	63117501	63154934	-	0	0
ENSG0000(AC002486)	processed_transcript	chr7	20588990	20590085	+	0	0
ENSG0000(RP11-374N)	processed_transcript	chr9	61972240	61976380	+	0.41	0.81
ENSG0000(FAM225A)	lincRNA	chr9	1.13E+08	1.13E+08	+	0.43	0.17
ENSG0000(RP11-410C)	lincRNA	chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000(RP11-187A)	antisense	chr13	42043727	42044247	-	0.25	0
ENSG0000(HINT1P1)	processed_transcript	chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(LINC01249)	lincRNA	chr2	4628222	4656215	-	0	0
ENSG0000(RP1-232L2)	lincRNA	chr6	79420297	79421305	+	0	0
ENSG0000(FBXO36-IT1)	sense_intronic	chr2	2.3E+08	2.3E+08	+	0	0
ENSG0000(LINC00278)	lincRNA	chrY	3002912	3102272	+	0.72	0.53
ENSG0000(AC123886)	antisense	chr2	1.11E+08	1.11E+08	+	0	0
ENSG0000(MTCO3P10)	unprocessed_transcript	chr7	57167880	57168651	+	0	0
ENSG0000(DPP10-AS3)	antisense	chr2	1.15E+08	1.15E+08	-	0	0
ENSG0000(AC010132)	lincRNA	chr7	42829672	42844438	-	0	0
ENSG0000(ELOCP9)	processed_transcript	chrY	23808821	23809059	-	0	0
ENSG0000(RPS6P2)	processed_transcript	chr2	1.79E+08	1.79E+08	+	0	0
ENSG0000(TAB3-AS1)	antisense	chrX	30834623	30835300	+	0	0
ENSG0000(RSL24D1P1)	processed_transcript	chr18	57838476	57838966	+	0	0
ENSG0000(RPL3P5)	transcribed_unprocessed_transcript	chr2	2.36E+08	2.36E+08	-	0	0
ENSG0000(RP11-380I)	unprocessed_transcript	chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(OR55B1P)	unitary_pseudogene	chr11	4146282	4147295	-	0	0
ENSG0000(USMG5P1)	processed_transcript	chrX	74173890	74174066	+	0	0
ENSG0000(PTCHD3P2)	processed_transcript	chr2	1.7E+08	1.7E+08	-	0	0.16
ENSG0000(RP11-495P)	transcribed_unprocessed_transcript	chr1	1.48E+08	1.48E+08	+	0.34	0.14
ENSG0000(IGBP1P3)	processed_transcript	chr3	32620903	32621902	-	0	0
ENSG0000(RNMTL1P1)	processed_transcript	chr10	21394033	21394592	+	0	0
ENSG0000(RSL24D1P3)	processed_transcript	chr7	65335174	65335668	-	0	0

ENSG0000(AC018717. lincRNA	chr2	1.99E+08	1.99E+08	-	0	0
ENSG0000(RP3-354J5. processed_	chr6	1.09E+08	1.09E+08	+	0	0
ENSG0000(AC091814. lincRNA	chr12	9948137	9953336	-	0.61	0.93
ENSG0000(CEACAMP5 unprocessε	chr19	42654200	42669076	+	0	0.07
ENSG0000(RP11-508N processed_	chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-245P antisense	chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(EIF4A1P11 processed_	chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(NEK2P2 processed_	chr22	15611759	15613096	-	0	0
ENSG0000(RP5-1158E lincRNA	chrX	45848074	45851490	-	0	0
ENSG0000(MTND2P1ε unprocessε	chr2	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-552E processed_	chrX	48228833	48228959	-	0	0
ENSG0000(RP11-399L processed_	chr10	87408044	87408258	-	0	0
ENSG0000(AC008173. processed_	chr2	56750300	56750563	+	0	0
ENSG0000(LINC02015 lincRNA	chr3	1.78E+08	1.78E+08	+	0.51	0.12
ENSG0000(RP11-162K sense_intrε	chr10	94109116	94121107	+	0	0
ENSG0000(MTCO2P2C processed_	chr22	36172934	36173948	+	0	0
ENSG0000(RPL7P21 processed_	chr5	1.43E+08	1.43E+08	+	0	0
ENSG0000(MTND4LP2 processed_	chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(AC108938. unprocessε	chr2	1.11E+08	1.11E+08	+	0	0
ENSG0000(FAHD2CP transcribed	chr2	96010551	96023380	+	2.51	2.5
ENSG0000(AC034228. antisense	chr5	1.32E+08	1.32E+08	+	0	0
ENSG0000(RPS23P9 unprocessε	chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(SNORD62B snoRNA	chr9	1.31E+08	1.31E+08	+	0	0
ENSG0000(SHQ1P1 processed_	chr10	50629532	50631075	-	0	0
ENSG0000(AC009110. lincRNA	chr16	62596372	62598449	+	0	0
ENSG0000(RP11-353J. unitary_psε	chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP13-34L8. unprocessε	chrX	52561769	52562301	-	0	0
ENSG0000(AC005224. lincRNA	chr17	14210488	14217922	+	0.3	0.08
ENSG0000(AC007557. antisense	chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(LINC01037 lincRNA	chr1	1.87E+08	1.87E+08	+	0	0
ENSG0000(AC151960. unprocessε	chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-164C lincRNA	chr10	743992	744958	+	0	0
ENSG0000(RP11-344N processed_	chrX	48412303	48415285	+	0	0
ENSG0000(RP5-897D1 lincRNA	chr20	56730397	56731460	+	0	0
ENSG0000(LINC01363 antisense	chr1	1.67E+08	1.67E+08	-	0	0
ENSG0000(RP11-344F lincRNA	chr1	14221891	14223118	-	0	0
ENSG0000(DLEU2 antisense	chr13	49982552	50125720	-	0.23	0.57
ENSG0000(AC009501. antisense	chr2	63043922	63048640	-	0.03	0
ENSG0000(PIK3CDP1 processed_	chr2	6495877	6496798	-	0	0
ENSG0000(RP11-522N antisense	chr1	2.46E+08	2.46E+08	-	0	0.2
ENSG0000(RP5-943J3. sense_intrε	chr1	89788914	89790492	+	0	0
ENSG0000(RP11-296C processed_	chr1	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-575L antisense	chr9	83831586	83868532	+	0	0.1
ENSG0000(GS1-542M. processed_	chrX	8856665	8857059	-	0	0
ENSG0000(AP000855. lincRNA	chr21	19301613	19303739	+	0	0

ENSG0000(AC013264. antisense chr2	1.97E+08	1.97E+08 +	0	0
ENSG0000(RPS29P7 processed_chr1	65154480	65154650 +	0	0
ENSG0000(CTD-2104P transcribec chr17	19615789	19633825 +	0	0
ENSG0000(AC013402. lincRNA chr2	1.05E+08	1.05E+08 -	0	0
ENSG0000(RP3-355L5. antisense chr6	1.05E+08	1.05E+08 +	0	0
ENSG0000(RP11-740P lincRNA chr1	2814432	2814998 -	0	0
ENSG0000(LINC00283 antisense chr13	1.03E+08	1.03E+08 +	0	0
ENSG0000(ATP5BP1 processed_chr2	98206151	98207724 +	0	0
ENSG0000(AGBL5-AS1 antisense chr2	27049683	27050264 -	0.21	0
ENSG0000(USP17L29 protein_co chr4	9353638	9355230 +	0	0
ENSG0000(AC011738. antisense chr7	43508728	43522542 -	0	0
ENSG0000(GHc-210E9 processed_chrX	1.01E+08	1.01E+08 -	0	0
ENSG0000(KRT17P6 transcribec chr17	20512560	20517479 -	0	0
ENSG0000(FSIP2-AS1 antisense chr2	1.86E+08	1.86E+08 -	0	0
ENSG0000(LINC01698 lincRNA chr1	2.09E+08	2.09E+08 +	0	0
ENSG0000(SPATA31B: unprocessε chr9	82057647	82063682 -	0	0
ENSG0000(RFESDP1 processed_chr13	22850101	22850561 +	0	0
ENSG0000(DLG3-AS1 antisense chrX	70452958	70455994 -	0	0
ENSG0000(RP11-553A antisense chr6	73693903	73696131 -	0.25	0.4
ENSG0000(AC010731. antisense chr2	2.07E+08	2.07E+08 +	0	0
ENSG0000(RPS6KA2-A antisense chr6	1.67E+08	1.67E+08 +	0	0
ENSG0000(AC011742. processed_chr2	26140263	26141264 -	0	0
ENSG0000(FAM90A18 unprocessε chr8	7723091	7726101 +	0	0
ENSG0000(RPS8P6 processed_chr3	308714	309322 -	0	0
ENSG0000(RP11-686D lincRNA chr6	19290319	19321021 -	0	0
ENSG0000(RP5-827C2 antisense chr1	2.34E+08	2.34E+08 -	0.74	0.41
ENSG0000(OGFOD1P1 processed_chr13	49210422	49212294 -	0.11	0
ENSG0000(LINC01704 lincRNA chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(OR7E111P unprocessε chr13	67902208	67903221 +	0	0
ENSG0000(PPP2R2DP: processed_chr3	38051759	38052395 +	0	0
ENSG0000(LINC01307 lincRNA chr1	1.01E+08	1.01E+08 +	0	0
ENSG0000(DIRC3 protein_co chr2	2.17E+08	2.18E+08 -	0	0.04
ENSG0000(LINC00410 lincRNA chr13	90890954	90926597 -	0.03	0
ENSG0000(AC005042. processed_chr2	1.59E+08	1.59E+08 +	0	0
ENSG0000(RP11-339N lincRNA chr9	1.09E+08	1.09E+08 -	0	0
ENSG0000(AP003774. lincRNA chr11	64394342	64395831 -	0	0.07
ENSG0000(AC020743. lincRNA chr7	50202001	50262994 -	0	0
ENSG0000(LINC01891 lincRNA chr2	2.34E+08	2.34E+08 -	0	0
ENSG0000(RP1-27K12 lincRNA chr6	53561289	53617171 -	0	0.04
ENSG0000(EIF1P3 processed_chr1	1.82E+08	1.82E+08 +	0	0.32
ENSG0000(RP1-203P1 processed_chrX	1.47E+08	1.47E+08 -	0	0
ENSG0000(RPL21P43 processed_chr3	1.69E+08	1.69E+08 -	0	0
ENSG0000(LINC01090 lincRNA chr2	1.88E+08	1.88E+08 -	0	0
ENSG0000(LINC00574 lincRNA chr6	1.7E+08	1.7E+08 +	0.07	0
ENSG0000(RP11-203F antisense chr1	2.04E+08	2.04E+08 +	0	0

ENSG0000010140	unprocessed	chrX	1.5E+08	1.5E+08	+	0	0	
ENSG0000010140	NANOGP5	transcribed	chr9	1E+08	1E+08	+	0	0
ENSG0000010140	AP002856	lincRNA	chr11	1.31E+08	1.31E+08	+	0.12	0
ENSG0000010140	AC020550	processed	chr2	1.98E+08	1.98E+08	+	0	0
ENSG0000010140	RP11-367J	processed	chr1	1.58E+08	1.58E+08	+	0	0
ENSG0000010140	BMS1P13	unprocessed	chr9	65828120	65831696	+	0	0
ENSG0000010140	RP11-5407	processed	chr1	1008076	1008229	-	0	0
ENSG0000010140	RP4-669H2	antisense	chr20	53397661	53412910	-	0.08	0.04
ENSG0000010140	AC004895	lincRNA	chr7	6081103	6093085	+	0	0
ENSG0000010140	RP11-432J	lincRNA	chr10	1.32E+08	1.32E+08	+	0	0
ENSG0000010140	CYCSP43	processed	chrX	69485343	69485652	-	0	0
ENSG0000010140	PABPC1P1	processed	chr4	39973444	39974338	+	0	0
ENSG0000010140	LINC00899	processed	chr22	46039907	46044853	-	1.71	1.85
ENSG0000010140	AC104698	processed	chr2	30209995	30210307	+	0	0
ENSG0000010140	AF064860	lincRNA	chr21	39727755	39730680	+	0	0
ENSG0000010140	RP11-476H	lincRNA	chr1	1.94E+08	1.94E+08	+	0	0
ENSG0000010140	COX6CP2	processed	chr20	50479767	50479991	+	0	0
ENSG0000010140	CDY23P	unprocessed	chrY	25994684	25995697	-	0	0
ENSG0000010140	RP11-382E	lincRNA	chr1	1.99E+08	1.99E+08	+	0	0
ENSG0000010140	RP11-568A	lincRNA	chr6	1.67E+08	1.67E+08	-	0	0
ENSG0000010140	LINC-PINT	antisense	chr7	1.31E+08	1.31E+08	-	4.45	4.1
ENSG0000010140	AC012075	processed	chr2	81418723	81419302	-	0	0
ENSG0000010140	AC018880	processed	chr2	1.04E+08	1.04E+08	+	0	0
ENSG0000010140	RP11-573D	antisense	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000010140	VN1R110P	processed	chrX	48636165	48637135	+	0	0
ENSG0000010140	HMG2P3	processed	chr11	73580253	73580517	+	0	0
ENSG0000010140	LLOXNC01-	antisense	chrX	1.04E+08	1.04E+08	-	0.38	0.31
ENSG0000010140	ARHGEF9-I	sense_intronic	chrX	63670196	63671502	-	0	0
ENSG0000010140	AC010976	antisense	chr2	1.27E+08	1.28E+08	+	0	0
ENSG0000010140	RP11-107	processed	chr2	1.73E+08	1.73E+08	+	0	0.08
ENSG0000010140	TSPAN19	protein_coding	chr12	85014311	85036277	-	0	0
ENSG0000010140	GAPDHP59	processed	chr2	1.87E+08	1.87E+08	+	0	0
ENSG0000010140	RP11-63G1	lincRNA	chr1	58838448	58851254	-	0	0
ENSG0000010140	RP11-213G	processed	chr9	85934588	85936599	+	0	0
ENSG0000010140	LINC01273	lincRNA	chr20	50172550	50176671	+	0	0.64
ENSG0000010140	RP11-89K1	processed	chr10	2936021	2936441	+	0	0
ENSG0000010140	RP11-164H	processed	chr9	1.25E+08	1.25E+08	-	0	0
ENSG0000010140	AC079922	processed	chr2	1.13E+08	1.13E+08	-	0.26	0
ENSG0000010140	RP11-227H	antisense	chr10	69265342	69268148	-	0	0
ENSG0000010140	ABCA9-AS1	antisense	chr17	68944531	69042784	+	0	0
ENSG0000010140	NANOGP1	processed	chrX	43407665	43408559	-	0	0
ENSG0000010140	EMBP1	transcribed	chr1	1.22E+08	1.22E+08	+	0.32	0.1
ENSG0000010140	RP11-204E	lincRNA	chr6	21521678	21523783	-	0	0.03
ENSG0000010140	CHODL-AS1	lincRNA	chr21	17835016	17885608	-	0	0
ENSG0000010140	RP11-183I	antisense	chr9	16473188	16476237	+	0	0

ENSG0000(AC092652. antisense chr2	1.44E+08	1.44E+08 -	0	0
ENSG0000(RP11-350J. antisense chr6	1.5E+08	1.5E+08 -	1	0.63
ENSG0000(RP11-354K processed_ chr6	76660486	76662770 +	0	0
ENSG0000(PQLC1P1 processed_ chr7	88610241	88610669 -	0	0
ENSG0000(DLX6-AS1 antisense chr7	96955141	97014065 -	0	0.14
ENSG0000(PPP1R11P2 processed_ chrX	57229034	57229415 +	0	0
ENSG0000(MTCO2P5 processed_ chr2	1.43E+08	1.43E+08 -	0	0
ENSG0000(RP11-92K2 processed_ chr1	1.93E+08	1.93E+08 +	0.5	0
ENSG0000(LINC01354 lincRNA chr1	2.35E+08	2.35E+08 -	1.11	1.55
ENSG0000(RP1-8B1.4 antisense chr6	46097093	46129706 -	0	0
ENSG0000(TMEM44-A antisense chr3	1.95E+08	1.95E+08 +	0	0.45
ENSG0000(RP1-154K9 lincRNA chrX	42252459	42699385 +	0	0
ENSG0000(LINC01611 lincRNA chr6	84421028	84556152 -	0	0.22
ENSG0000(MTND4P21 unprocessε chr2	1.31E+08	1.31E+08 -	0	0
ENSG0000(AC090960. processed_ chr3	17333126	17333431 +	0	0
ENSG0000(AC079896. lincRNA chr2	81983272	82005700 -	0	0
ENSG0000(LINC00575 lincRNA chr4	82613113	82621437 -	0	0
ENSG0000(DBIL5P transcribec chr17	752660	755336 +	0.45	0.04
ENSG0000(RP11-370B processed_ chrX	1.04E+08	1.04E+08 -	0	0.21
ENSG0000(RPL31P50 processed_ chr12	31597114	31597409 -	0	0
ENSG0000(PIK3CD-AS. antisense chr1	9672426	9687555 -	1.05	1.3
ENSG0000(RP11-382D lincRNA chr1	1.84E+08	1.84E+08 +	0	0
ENSG0000(DOC2GP transcribec chr11	67612651	67616257 -	0	0
ENSG0000(AC009542. antisense chr7	1.35E+08	1.35E+08 +	0	0
ENSG0000(ITCH-IT1 sense_intrε chr20	34450930	34454552 +	0	0
ENSG0000(PA2G4P6 processed_ chr9	89449558	89450754 +	0	0
ENSG0000(ANP32BP2 processed_ chr22	44651835	44652379 +	0	0
ENSG0000(AC009502. processed_ chr2	2.2E+08	2.2E+08 -	0	0
ENSG0000(RP11-317B processed_ chr9	88484852	88485325 -	0	0
ENSG0000(PCAT7 antisense chr9	94555069	94568127 +	0	0
ENSG0000(LINC01388 lincRNA chr9	112713	113754 -	0	0
ENSG0000(NANOGP9 processed_ chrX	65772741	65773632 -	0	0
ENSG0000(RPL36AP35 processed_ chr9	1.09E+08	1.09E+08 +	0	0
ENSG0000(RP3-527G5 lincRNA chr6	4345743	4347037 -	0	0
ENSG0000(SNRPCP9 processed_ chr7	97885868	97886074 +	0	0
ENSG0000(LINC00210 lincRNA chr1	2.18E+08	2.18E+08 +	0	0
ENSG0000(AC007179. lincRNA chr2	59435213	59442261 +	0	0
ENSG0000(LINC01198 lincRNA chr13	46455135	46486506 -	0.22	0.49
ENSG0000(NPM1P48 processed_ chr2	4514204	4515056 -	0.07	0.32
ENSG0000(AC019097. processed_ chr2	99102018	99102752 +	0	0
ENSG0000(AKAIN1 protein_co chr18	5145285	5197503 -	0	0
ENSG0000(LINC01819 lincRNA chr2	43027853	43039547 -	0	0
ENSG0000(RP11-216N transcribec chr1	1.54E+08	1.54E+08 +	0	0
ENSG0000(RP11-310E lincRNA chr10	95141925	95168425 -	0	0
ENSG0000(XX-FW831. antisense chrX	1.54E+08	1.54E+08 -	0.56	0

ENSG0000(MTHFD1P1 processed_ chrX	57392646	57395409	-	0	0.02
ENSG0000(RPS7P2 processed_ chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-449H lincRNA chr9	62028426	62076349	+	0	0
ENSG0000(AC073055. processed_ chr7	1.46E+08	1.46E+08	+	0	0
ENSG0000(AC073342. antisense chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(FAM192BP processed_ chr4	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP11-527F lincRNA chr6	1.26E+08	1.26E+08	+	0	0
ENSG0000(HMGB3P14 processed_ chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-494I lincRNA chrX	22428132	22494713	+	0	0
ENSG0000(AC012354. processed_ chr2	44996413	44996873	+	0	0
ENSG0000(UBE2V2P4 processed_ chr1	36241898	36242156	-	0	0
ENSG0000(UTAT33 antisense chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(CYP21A2 protein_co chr6	32038265	32041670	+	0.35	0.6
ENSG0000(GLUDP5 unprocessε chr10	31628540	31628599	-	0	0
ENSG0000(RP11-327P antisense chr13	51803838	51813832	+	0.69	0.48
ENSG0000(MORF4L1P processed_ chrX	65327988	65331233	-	0	0
ENSG0000(AC067945. processed_ chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(AC007875. processed_ chr7	97906429	97906822	+	0	0
ENSG0000(OR5K2 protein_co chr3	98497604	98498663	+	0	0
ENSG0000(RP3-428L1 antisense chr6	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-229P antisense chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP4-631H1 processed_ chr1	52925249	52925423	-	0	0
ENSG0000(AP001625. sense_intrε chr21	42508624	42509661	+	0	0
ENSG0000(RP1-202O8 antisense chr1	6443034	6447006	-	0	0
ENSG0000(KRT17P3 unprocessε chr17	30567700	30571748	-	0	0
ENSG0000(IPO9-AS1 antisense chr1	2.02E+08	2.02E+08	-	0.65	0.76
ENSG0000(RP11-761N lincRNA chr3	40766207	40862626	+	0	0
ENSG0000(TSPY18P unprocessε chrY	9869664	9870781	+	0	0
ENSG0000(RP11-346E processed_ chrX	81363268	81364170	+	0	0
ENSG0000(AC009158. lincRNA chr16	26302064	26334428	+	0	0
ENSG0000(RP11-177F lincRNA chr1	2.38E+08	2.39E+08	+	0.08	0.06
ENSG0000(SNRFPF1 processed_ chr20	49729591	49729842	-	0	0
ENSG0000(TXNL1P1 processed_ chr13	86725500	86726053	+	0	0
ENSG0000(RP11-761I2 antisense chr11	47577725	47578277	+	0	0.29
ENSG0000(RP5-1120P lincRNA chr6	44073913	44077952	+	0	0
ENSG0000(F10-AS1 antisense chr13	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP1-297M: lincRNA chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(NDUFB1P1 processed_ chr3	48181547	48181726	+	0	0
ENSG0000(PRH1 protein_co chr12	10824960	11171544	-	0.35	2.06
ENSG0000(MTND5P15 processed_ chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(TRAF3IP2- antisense chr6	1.11E+08	1.12E+08	+	2.69	4.09
ENSG0000(DARS-AS1 antisense chr2	1.36E+08	1.36E+08	+	7.1	4.3
ENSG0000(AC073316. lincRNA chr7	3196626	3198256	-	0	0
ENSG0000(WDR95P unitary_ψε chr13	31063306	31115699	+	0	0
ENSG0000(AC019185. sense_intrε chr2	2.08E+08	2.09E+08	+	0	0

ENSG0000(MARK2P14 unprocessed)	chr3	11906527	11912313	+	0	0
ENSG0000(AC012594. antisense)	chr2	1.7E+08	1.7E+08	-	0	0
ENSG0000(GOT2P1 processed)	chr1	55367466	55368774	+	0	0
ENSG0000(RP11-281A lincRNA)	chr9	1.18E+08	1.18E+08	-	0.11	0
ENSG0000(RP11-29B9 lincRNA)	chr9	7960413	7961080	-	0	0
ENSG0000(AC079354. antisense)	chr2	2.02E+08	2.02E+08	-	0	0
ENSG0000(SETP10 processed)	chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-541N processed)	chr10	48546472	48546713	-	0	0
ENSG0000(GAPDHP37 processed)	chr22	40673484	40674451	-	0	0
ENSG0000(IDH1-AS1 antisense)	chr2	2.08E+08	2.08E+08	+	0.84	0.55
ENSG0000(MAP1LC3B transcribed)	chr9	19460926	19464524	-	0	0
ENSG0000(GAMTP2 processed)	chr13	34574204	34574666	-	0	0
ENSG0000(TPRKBP1 processed)	chr10	28658987	28659467	+	0	0
ENSG0000(RP1-249H1 lincRNA)	chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RARRES2P3 processed)	chrX	21421822	21422294	-	0	0
ENSG0000(LINC00387 lincRNA)	chr13	18672827	18676163	+	0	0
ENSG0000(SALL4P5 unprocessed)	chr3	22989823	22991582	+	0	0
ENSG0000(AC006033. processed)	chr7	38311383	38311808	+	0	0
ENSG0000(AC007682. lincRNA)	chr2	51032601	52407917	+	0	0
ENSG0000(NEBL-AS1 antisense)	chr10	21174014	21175048	+	0	0
ENSG0000(AL138479. processed)	chr14	53917270	53917753	-	0	0
ENSG0000(AC024082. processed)	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(PSG1 protein)	chr19	42866464	42879822	-	0.19	0.35
ENSG0000(TAPBP protein)	chr6	33299694	33314387	-	46.39	50.44
ENSG0000(SEPHS1P7 processed)	chr2	1.14E+08	1.14E+08	-	0	0
ENSG0000(AC102953. antisense)	chr7	1508655	1509427	-	0	0
ENSG0000(HMGB3P31 processed)	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(AF228730. processed)	chr8	7200756	7200857	+	0	0
ENSG0000(AC024082. processed)	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(CTA-125H2 antisense)	chr22	25876854	25903247	-	0	0
ENSG0000(LINC01598 antisense)	chr20	30323812	30361730	-	0	0
ENSG0000(RP11-329E antisense)	chrX	1.52E+08	1.52E+08	+	0	0
ENSG0000(RPS7P3 processed)	chr1	2.33E+08	2.33E+08	-	0.12	0
ENSG0000(HNRNPA1F processed)	chr8	81807772	81808726	+	0.06	0
ENSG0000(PGM5P4-A lincRNA)	chr2	1.14E+08	1.14E+08	-	0	0.03
ENSG0000(PHKA1-AS1 antisense)	chrX	72688950	72712348	+	0	0
ENSG0000(MTND2P24 processed)	chrX	55179194	55179999	-	0	0
ENSG0000(HS1BP3-IT: sense_intron)	chr2	20590775	20592548	-	0.12	0
ENSG0000(RP4-591L5. lincRNA)	chr1	30415825	30421108	+	0	0
ENSG0000(AC004837. antisense)	chr7	39609610	39610290	-	0	0
ENSG0000(DPY19L1P2 unprocessed)	chr7	32812757	32838570	+	0	0.09
ENSG0000(RP4-706G2 antisense)	chr1	25208139	25209437	+	0.06	0.03
ENSG0000(MTND2P22 unprocessed)	chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(AC007383. antisense)	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(HNRNPA1F processed)	chr7	87521461	87522410	+	0	0

ENSG0000(GNAI2P2 processed_ chr10	78068623	78069538	-	0	0
ENSG0000(RP5-967N2 processed_ chr20	5965180	5965511	+	0	0
ENSG0000(RP11-493K antisense chrX	73080167	73084635	+	0	0
ENSG0000(RP11-67C2 antisense chr10	45444570	45453121	-	0.51	0
ENSG0000(AF131215. processed_ chr8	11175051	11175570	+	0	0
ENSG0000(RP11-12M! lincRNA chr1	1.8E+08	1.8E+08	-	0	0
ENSG0000(RP11-12D2 processed_ chr9	5356312	5356525	-	0	0
ENSG0000(AC144449. antisense chr2	1.5E+08	1.5E+08	+	0.42	0.2
ENSG0000(RP11-452K antisense chr10	97401115	97419524	+	0	0
ENSG0000(RP11-557H lincRNA chr6	1.34E+08	1.35E+08	-	0.25	0.28
ENSG0000(LINC00202 transcribed chr10	26647986	26653454	+	0	0
ENSG0000(RP5-963E2 lincRNA chr20	63166797	63180903	-	0	0
ENSG0000(RP11-132G processed_ chr1	21768269	21768575	+	0	0
ENSG0000(RP11-35L1 lincRNA chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(AC011899. antisense chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(RPL7L1P12 processed_ chr13	98949719	98950447	-	0	0
ENSG0000(RP11-573D unprocessed chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(LINC00415 lincRNA chr13	26052276	26053385	-	0	0
ENSG0000(RP11-2L13. processed_ chr1	2E+08	2E+08	+	0	0
ENSG0000(RP11-82L2! antisense chr1	71570956	71573558	+	0	0
ENSG0000(AP000474. lincRNA chr21	23888798	23890541	-	0	0
ENSG0000(LINC01787 lincRNA chr1	96254069	96374125	-	0.06	0.09
ENSG0000(OFD1P3Y unprocessed chrY	9030594	9039988	+	0	0
ENSG0000(PPP1R2P3 protein_co chr5	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-53B5 lincRNA chr9	93857083	93858333	+	0	0
ENSG0000(ANXA2P2 processed_ chr9	33624274	33625293	+	0.07	0
ENSG0000(RP11-57H1 sense_intronic chr1	95120147	95138554	+	0	0
ENSG0000(EP300-AS1 antisense chr22	41174591	41197456	-	0	0
ENSG0000(RP11-111F processed_ chr9	62266319	62266919	+	1.02	0.19
ENSG0000(RP4-581O6 processed_ chr1	99842610	99842761	+	0	0
ENSG0000(FLJ27354 antisense chr1	89583241	89632894	-	1.09	1.17
ENSG0000(CLCN3P1 transcribed chr9	14987302	15146401	-	0	0
ENSG0000(AC108868. lincRNA chr2	1.07E+08	1.07E+08	+	0	0
ENSG0000(LINC01880 lincRNA chr2	2.42E+08	2.42E+08	-	0	0
ENSG0000(ZNF736P12 processed_ chrY	24500263	24501505	-	0	0
ENSG0000(CAP1P2 processed_ chr10	43604843	43606251	-	0.04	0
ENSG0000(AC005537. lincRNA chr7	42954135	43113931	-	0	0.09
ENSG0000(RP11-571E processed_ chrX	47389961	47392300	-	0	0
ENSG0000(AP001059. antisense chr21	44250813	44251520	+	0	0
ENSG0000(HSPE1P25 processed_ chr1	77853355	77853893	+	0	0
ENSG0000(AC074183. lincRNA chr7	84939349	84940245	-	0	0
ENSG0000(LEF1-AS1 processed_ chr4	1.08E+08	1.08E+08	+	0.02	0
ENSG0000(FAAHP1 transcribed chr1	46432129	46482493	+	0.17	0.21
ENSG0000(LINC01807 lincRNA chr2	2.28E+08	2.29E+08	-	0.1	0
ENSG0000(LSM12P1 processed_ chr8	35525176	35525763	-	9.49	7.91

ENSG0000(RP11-275F processed_ chr1	51372270	51373224	+	0	0
ENSG0000(AC007391. lincRNA chr2	37325340	37326797	+	0.15	0
ENSG0000(ELOCP15 processed_ chrY	22068820	22069151	+	0	0
ENSG0000(MAGEB6P1 protein_co chrX	26160601	26161824	+	0	0
ENSG0000(RP5-991C6 sense_intron chr6	81724722	81736353	-	0	0
ENSG0000(AC079781. processed_ chr7	97908256	97908424	+	0	0
ENSG0000(AC092168. sense_intron chr2	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-87N2 lincRNA chr9	10631750	10632203	-	0	0
ENSG0000(GS1-115G2 processed_ chr1	1.85E+08	1.85E+08	+	0	0
ENSG0000(RP11-26H1 processed_ chr1	21908098	21908580	+	0	0
ENSG0000(DEFT1P2 unprocessed_ chr8	7006293	7007389	-	0	0
ENSG0000(ZBED9 protein_co chr6	28571630	28616212	-	0.02	0.01
ENSG0000(PSMD10P3 processed_ chr13	73036401	73036848	+	0	0
ENSG0000(RP11-45J1. processed_ chrX	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP4-530I15 antisense chr20	50570975	50578041	-	0.01	0
ENSG0000(LINC01105 processed_ chr2	5932687	6001275	+	0	0
ENSG0000(LINC01798 lincRNA chr2	66574030	66730157	+	0.2	0
ENSG0000(HNRNPCP9 processed_ chr1	67660155	67661013	-	0	0
ENSG0000(CTA-125H2 processed_ chr22	26006389	26006532	-	0	0
ENSG0000(AC009784. lincRNA chr7	1.36E+08	1.36E+08	+	0.07	0
ENSG0000(NPM1P34 processed_ chrX	1.24E+08	1.24E+08	+	0.07	0
ENSG0000(AC092687. lincRNA chr2	10847577	10854955	+	0	0
ENSG0000(AC093390. antisense chr2	1824412	1828667	+	0	0
ENSG0000(AC005772. lincRNA chr17	15014805	15052276	+	0	0
ENSG0000(RP11-173A processed_ chr1	2.45E+08	2.45E+08	-	0	0
ENSG0000(SLC4A1APF processed_ chr9	30558880	30559481	-	0	0
ENSG0000(RP11-307E lincRNA chr9	94332476	94360948	+	1.86	1.58
ENSG0000(USP9YP33 unprocessed_ chrY	25590323	25592345	-	0	0
ENSG0000(LINC01063 antisense chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(AF003529. unprocessed_ chrX	1.34E+08	1.34E+08	+	0	0
ENSG0000(RPS29P28 processed_ chrX	96195477	96195617	+	0	0
ENSG0000(TMEM253 protein_co chr14	21098937	21103724	+	0.62	0.76
ENSG0000(AC004901. lincRNA chr7	46890625	47049678	-	0	0
ENSG0000(RP1-302D9 antisense chr22	33164063	33166439	+	0	0
ENSG0000(MRPL35P2 processed_ chr10	63634317	63634827	-	0	0
ENSG0000(LINC01031 lincRNA chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(LINC01697 processed_ chr21	28048404	28137611	+	0.13	0
ENSG0000(XXbac-BPG processed_ chr6	32718005	32719170	+	0	0
ENSG0000(LARGE-IT1 sense_intron chr22	33723832	33724912	-	0	0
ENSG0000(RPS6KA2-IT1 sense_intron chr6	1.66E+08	1.66E+08	-	0.12	0
ENSG0000(RPL31P7 processed_ chr17	80602549	80602926	-	0	0
ENSG0000(LINC01104 lincRNA chr2	1E+08	1E+08	+	0	0
ENSG0000(RP11-261C antisense chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(RP11-141J. antisense chr9	70708047	70712863	+	0	0
ENSG0000(HCFC2P1 processed_ chr13	1.08E+08	1.08E+08	+	0	0

ENSG0000(AC011233. processed_ chr2	2.21E+08	2.21E+08 +	0	0
ENSG0000(AC016724. processed_ chr2	1.13E+08	1.13E+08 +	0	0
ENSG0000(PNLIPP1 unprocessε chr10	1.17E+08	1.17E+08 +	0	0
ENSG0000(DCST1-AS1 antisense chr1	1.55E+08	1.55E+08 -	0	0.17
ENSG0000(YPEL5P1 processed_ chr1	1.82E+08	1.82E+08 -	0	0
ENSG0000(AC079781. processed_ chr7	97938439	97938794 -	0	0
ENSG0000(CTD-2619J. lincRNA chr19	58404238	58408484 -	6.2	5.68
ENSG0000(LINC01653 lincRNA chr1	2.18E+08	2.18E+08 +	0	0
ENSG0000(AC108059. processed_ chr2	1.28E+08	1.28E+08 -	0	0
ENSG0000(MTCO3P2 processed_ chr13	23765934	23766104 -	0	0
ENSG0000(RFX3-AS1 lincRNA chr9	3526723	3691814 +	0.41	0.18
ENSG0000(RPL32P28 processed_ chr13	62327988	62328384 +	0	0
ENSG0000(VN1R54P processed_ chr10	42660728	42661776 +	0	0
ENSG0000(RP11-149I2 antisense chr10	89283765	89292125 +	0.12	0.13
ENSG0000(RP11-126C processed_ chrX	9402751	9404802 +	0	0
ENSG0000(TMA7 protein_co chr3	48440257	48444208 +	132.29	139.16
ENSG0000(RP11-360D protein_co chr1	1.74E+08	1.74E+08 +	0	0
ENSG0000(AC018693. processed_ chr2	38769265	38770124 +	0	0
ENSG0000(RP11-123G processed_ chr10	58106423	58106879 -	0	0
ENSG0000(LINC00384 lincRNA chr13	30151886	30159621 -	0.01	0
ENSG0000(BACH1-AS1 lincRNA chr21	29370019	29376339 -	0.09	0.33
ENSG0000(MCTS1 protein_co chrX	1.21E+08	1.21E+08 +	18.55	22.13
ENSG0000(RP11-349P antisense chr6	64377795	64412779 +	0	0
ENSG0000(RP13-30A9 antisense chr20	62633681	62635504 -	0	0
ENSG0000(AP001057. antisense chr21	44201290	44202696 +	0	0
ENSG0000(DYTN protein_co chr2	2.07E+08	2.07E+08 -	0	0
ENSG0000(MTCO3P45 processed_ chr2	94900990	94901602 +	0	0
ENSG0000(RP11-143P lincRNA chr3	1.93E+08	1.93E+08 -	0	0
ENSG0000(NCOA7-AS: antisense chr6	1.26E+08	1.26E+08 -	0.15	0.16
ENSG0000(NDFIP2-AS antisense chr13	79477364	79481231 -	0	0
ENSG0000(IMPDH1P1 processed_ chr2	2.01E+08	2.01E+08 -	0	0
ENSG0000(RPS15AP12 processed_ chr1	2.2E+08	2.2E+08 -	0	0
ENSG0000(RP3-461P1 processed_ chr20	45536796	45537014 -	0	0
ENSG0000(DUXAP7 processed_ chr20	18642782	18643634 -	0	0
ENSG0000(IFNWP5 unprocessε chr9	21231266	21231853 -	0	0
ENSG0000(LINC00867 lincRNA chr10	1.18E+08	1.18E+08 +	1.11	0
ENSG0000(AC073257. lincRNA chr2	1.21E+08	1.21E+08 -	0	0
ENSG0000(RPS25P9 processed_ chr10	70198988	70199239 -	0	0
ENSG0000(PSAT1P2 processed_ chr2	62552463	62553434 -	0	0
ENSG0000(RP11-307I2 processed_ chr7	1.44E+08	1.44E+08 +	0	0
ENSG0000(FMO11P unitary_psι chr1	1.67E+08	1.67E+08 +	0	0
ENSG0000(FERP1 processed_ chrX	1.24E+08	1.24E+08 +	0	0
ENSG0000(ST13P4 processed_ chr13	50172089	50173181 +	0	0
ENSG0000(AC073218. lincRNA chr2	34734975	34737118 -	0	0
ENSG0000(MTCYBP15 processed_ chr1	2.38E+08	2.38E+08 -	0	0

ENSG0000(AF277315. processed_ chrX	1.55E+08	1.55E+08 +	0	0
ENSG0000(C11orf98P. processed_ chr9	19705338	19705655 +	0	0
ENSG0000(RAB9BP1 processed_ chr5	1.05E+08	1.05E+08 +	0	0
ENSG0000(RAP2C-AS1 antisense_ chrX	1.32E+08	1.32E+08 +	0.42	0.95
ENSG0000(RP11-548K unprocessε chr7	57770966	57771173 +	0	0
ENSG0000(USP12-AS1 antisense_ chr13	27162855	27169135 +	0	0
ENSG0000(RPLP1P13 processed_ chr13	23373423	23374061 +	0	0
ENSG0000(LINC01873 lincRNA_ chr2	66383306	66392450 +	4.88	3.99
ENSG0000(RP5-905H7 processed_ chr7	63345840	63346732 +	0	0
ENSG0000(RP4-799P1 processed_ chr1	2.34E+08	2.34E+08 +	0	0
ENSG0000(AC137675. processed_ chr3	27525353	27525394 +	0	0
ENSG0000(P2RY10P2 processed_ chrX	79084936	79085848 +	0	0
ENSG0000(LINC00708 lincRNA_ chr10	8259331	8268305 -	0	0
ENSG0000(RP11-57C1 processed_ chr9	1.31E+08	1.31E+08 +	0	0
ENSG0000(OR2H5P unprocessε chr6	29573909	29574836 +	0	0
ENSG0000(CTB-164L2 processed_ chr5	1.39E+08	1.39E+08 +	0	0
ENSG0000(RP4-659I1ε processed_ chr1	2.33E+08	2.33E+08 +	0	0
ENSG0000(RP11-146N processed_ chr9	19200335	19201046 -	0	0
ENSG0000(MTND4P24 processed_ chrX	1.26E+08	1.26E+08 +	0	0
ENSG0000(MTATP6P2 unprocessε chr9	92108858	92108989 +	0	0
ENSG0000(RP6-27P15 antisense_ chrX	1.39E+08	1.39E+08 +	0	0
ENSG0000(RP11-370K sense_intrε chr1	2.44E+08	2.44E+08 -	0	0
ENSG0000(CNOT7P2 processed_ chr1	1.16E+08	1.16E+08 +	0	0
ENSG0000(RP11-311P processed_ chrX	75326772	75327999 -	0	0
ENSG0000(FTH1P7 processed_ chr13	22696023	22696574 -	0.28	0.82
ENSG0000(RP11-312J. lincRNA_ chr1	1.61E+08	1.61E+08 -	0	0.14
ENSG0000(LINC02181 lincRNA_ chr16	87057784	87063991 +	0.01	0
ENSG0000(RP11-62I21 antisense_ chr1	2.45E+08	2.45E+08 -	0	0
ENSG0000(AL157359. lincRNA_ chr21	18917934	18935859 -	0	0
ENSG0000(RP1-313L4. antisense_ chr1	1.68E+08	1.68E+08 +	0.18	0
ENSG0000(TOMM22P processed_ chrY	2827982	2828218 +	0	0
ENSG0000(MTRNR2L4 protein_co chr16	3370979	3372740 -	0	0.11
ENSG0000(RP11-302L. antisense_ chr6	1.7E+08	1.7E+08 +	0	0
ENSG0000(MTCO2P34 processed_ chr1	55372710	55373316 -	0	0
ENSG0000(RPL3P8 processed_ chr7	1.1E+08	1.1E+08 -	0	0
ENSG0000(RP4-564O4 lincRNA_ chr20	24297585	24318086 -	0	0
ENSG0000(AC098824. processed_ chr2	42826322	42827617 -	0	0
ENSG0000(SLC25A6P2 processed_ chr9	31253901	31254777 +	0	0
ENSG0000(TET1P1 processed_ chr13	87890172	87892472 -	0	0
ENSG0000(CDY18P unprocessε chrY	24104107	24106018 +	0	0
ENSG0000(RP3-477M. processed_ chr1	8907393	8907744 -	0	0
ENSG0000(RP11-395D lincRNA_ chr9	86632147	86696496 +	0	0
ENSG0000(LINC01701 lincRNA_ chr1	1.9E+08	1.9E+08 +	0	0
ENSG0000(OR2L6P unprocessε chr1	2.48E+08	2.48E+08 +	0.07	0
ENSG0000(IGHV3-43 IG_V_gene chr14	1.06E+08	1.06E+08 -	0	0

ENSG0000(F TLP8	processed_ chr13	97986950	97987216	-	0	0
ENSG0000(RP1-149A1	unprocessε chr22	32386668	32386868	+	0	0
ENSG0000(AC008440.	antisense chr19	53874626	53876049	-	0	0
ENSG0000(CNN2P10	processed_ chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(LINC01047	lincRNA chr13	89214847	89236890	-	0	0
ENSG0000(ARSP1	unprocessε chrY	12252321	12258033	-	0	0
ENSG0000(AC013401.	lincRNA chr2	1.93E+08	1.93E+08	-	0	0
ENSG0000(RP11-7707	processed_ chr2	69594741	69595058	-	0	0
ENSG0000(LINC00865	lincRNA chr10	89829510	89840861	+	0.04	0.06
ENSG0000(TPM4P1	processed_ chr10	1E+08	1E+08	-	0	0
ENSG0000(LINC02043	lincRNA chr3	1.87E+08	1.87E+08	-	1.15	1.98
ENSG0000(RP11-203H	lincRNA chr6	8329655	8342455	+	0	0
ENSG0000(CDY3P	processed_ chrY	9166085	9167702	-	0	0
ENSG0000(ASCL5	protein_co chr1	2.01E+08	2.01E+08	-	0	0
ENSG0000(RPS29P8	processed_ chr2	1.49E+08	1.49E+08	+	0	0
ENSG0000(RBPJP5	processed_ chr9	39739747	39741193	-	0	0
ENSG0000(RP5-1125N	processed_ chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(DYNLT3P1	processed_ chr20	17479085	17479431	-	0	0
ENSG0000(ZYG11AP1	processed_ chr9	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-408E	lincRNA chr13	19262797	19263873	-	0	0
ENSG0000(RP4-705F1	lincRNA chr1	54416256	54420860	+	0	0
ENSG0000(LLOXNC01-	unprocessε chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP11-30L8.	lincRNA chr13	86060813	86170890	+	0	0
ENSG0000(CSF2RBP1	unprocessε chr22	36950529	36953723	-	0	0
ENSG0000(TMEM114	protein_co chr16	8537605	8590193	-	0	0
ENSG0000(RP11-4C20	lincRNA chr10	1.28E+08	1.28E+08	-	0	0
ENSG0000(BTF3L4P1	processed_ chr21	17518526	17518993	-	0	0
ENSG0000(RP4-560B9	unprocessε chr1	1.72E+08	1.72E+08	-	0	0
ENSG0000(KRTAP25-1	protein_co chr21	30289145	30289514	-	0	0
ENSG0000(USP17L24	protein_co chr4	9325165	9327116	+	0	0
ENSG0000(XXyac-YX1!	lincRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(ACTR3P2	processed_ chrX	68771322	68772578	+	0	0
ENSG0000(OR5211	protein_co chr11	4593750	4595013	+	0	0
ENSG0000(RP4-764O2	lincRNA chr20	7069614	7146656	+	0	0
ENSG0000(FTH1P1	processed_ chr1	37544763	37545294	+	0.82	0.91
ENSG0000(AC104651.	processed_ chr2	1.12E+08	1.12E+08	-	0	0
ENSG0000(IFNWP15	unprocessε chr9	21178589	21179188	-	0	0
ENSG0000(MTND1P32	processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-240L	antisense chr9	96246462	96250393	+	0	0
ENSG0000(GNG12-AS:	antisense chr1	67832303	68202987	+	0.23	0.19
ENSG0000(ELOBP3	processed_ chr2	48780602	48780895	+	0	0
ENSG0000(RP11-80K6	lincRNA chr20	52858338	52862855	-	0	0
ENSG0000(SLC6A1-AS	antisense chr3	11006098	11019224	-	0	0
ENSG0000(RP1-292B1	antisense chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(ALDH7A1P.	processed_ chr2	1.73E+08	1.73E+08	-	0	0

ENSG0000(PAICSP7 processed_ chrX	94636663	94639570	-	0	0
ENSG0000(RP4-715N1 lincRNA chr20	52671917	52690929	+	0	0
ENSG0000(RP11-154D processed_ chr6	71221457	71328228	-	0.28	0.11
ENSG0000(RP11-510N processed_ chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(RP11-10N1 antisense chr1	24307556	24321901	-	0	0
ENSG0000(RP1-105O1 lincRNA chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(FAM215B lincRNA chr17	46558830	46562795	-	0.03	0.22
ENSG0000(LNCPRESS1 antisense chr7	1.01E+08	1.01E+08	+	0.09	0
ENSG0000(DFFBP1 processed_ chr9	32566148	32567126	-	0.25	0.41
ENSG0000(CLCP1 processed_ chr22	17424388	17424775	-	0	0
ENSG0000(AC012485. lincRNA chr2	2.38E+08	2.38E+08	-	0	0
ENSG0000(DAOA-AS1 antisense chr13	1.05E+08	1.06E+08	-	0.07	0
ENSG0000(GS1-122H1 lincRNA chr1	1.82E+08	1.82E+08	-	0	0
ENSG0000(RP11-557H lincRNA chr6	1.35E+08	1.35E+08	-	0.35	1.07
ENSG0000(RP1-249I4. lincRNA chr6	1.1E+08	1.1E+08	+	0	0
ENSG0000(PSMC1P13 processed_ chr13	69894101	69895085	-	0	0
ENSG0000(RP1-124C6 lincRNA chr6	1.13E+08	1.13E+08	-	0.15	0.16
ENSG0000(AC009299. processed_ chr2	1.61E+08	1.61E+08	-	0	0
ENSG0000(AC008440. lincRNA chr19	53864763	53866140	+	0	0
ENSG0000(AC093627. lincRNA chr7	70972	95683	-	0	0
ENSG0000(RP11-395C processed_ chr4	80386178	80388716	-	0	0
ENSG0000(AC011286. lincRNA chr2	2.37E+08	2.37E+08	+	0	0
ENSG0000(RP3-481A1 processed_ chrX	76029895	76030330	+	0	0
ENSG0000(RPS27AP2 processed_ chr20	17516843	17517307	+	0	0
ENSG0000(RP11-47G1 processed_ chr10	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-435D antisense chr1	35739389	35743576	+	0	0
ENSG0000(AC009313. processed_ chr2	1.61E+08	1.61E+08	-	0	0
ENSG0000(RPL4P2 processed_ chr1	1.67E+08	1.67E+08	+	0.68	0.75
ENSG0000(RP11-46O2 antisense chr10	74506081	74530553	-	0	0
ENSG0000(AC087163. processed_ chr17	18010643	18011822	+	0.22	0
ENSG0000(SC22CB-1E processed_ chr22	32039490	32039896	+	0	0
ENSG0000(RP11-488L. lincRNA chr1	2.47E+08	2.47E+08	-	0.1	0
ENSG0000(LINC00279 lincRNA chrY	8638294	8644842	+	0	0
ENSG0000(YBX1P7 processed_ chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(LL22NC03- unprocessε chr22	22689831	22689978	+	0	0
ENSG0000(SEMA3B-A. antisense chr3	50266641	50267371	-	0	0
ENSG0000(RP11-655G lincRNA chr3	1.92E+08	1.92E+08	+	0	0
ENSG0000(VIPR1-AS1 antisense chr3	42506465	42533258	-	0.12	0
ENSG0000(RP11-263F unprocessε chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP5-955M. antisense chr20	50999370	51010019	+	0	0
ENSG0000(AC104777. lincRNA chr2	1.51E+08	1.51E+08	-	0	0
ENSG0000(AP000281. antisense chr21	32844367	32849934	-	0	0
ENSG0000(RP11-632K processed_ chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(ATP5LP2 processed_ chr6	1.23E+08	1.23E+08	-	0.33	0
ENSG0000(RP1-102D2 antisense chr22	45435864	45448743	-	0.27	0.29

ENSG0000(VDAC1P9	processed_ chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(FTLP2	processed_ chrX	30630298	30630825	+	0	0
ENSG0000(RP5-882O7	processed_ chr1	44988234	44988725	-	0	0
ENSG0000(AF241726.	processed_ chrX	38479215	38479913	+	0	0
ENSG0000(MTCYBP3	processed_ chr13	95694569	95695705	+	0	0
ENSG0000(GPR79	processed_ chr3	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-136C	unprocessε chr3	43037121	43037451	+	0	0
ENSG0000(AC016910.	antisense chr2	1.44E+08	1.44E+08	+	0	0
ENSG0000(RPL29P28	processed_ chr13	36926438	36927219	-	0	0
ENSG0000(RP11-308D	processed_ chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(ZDHHC20P	processed_ chr13	68985058	68986064	+	0	0
ENSG0000(OR52U1P	unitary_psι chr11	5719290	5720212	+	0	0
ENSG0000(OR5K1	protein_co chr3	98469480	98470576	+	0	0
ENSG0000(AC010677.	processed_ chr7	26276195	26276606	+	0	0
ENSG0000(RPS3AP25	processed_ chr7	94695027	94695819	-	0.08	0.09
ENSG0000(RP11-66B2	lincRNA chr15	1.01E+08	1.01E+08	+	0.65	0.79
ENSG0000(SKA2P1	processed_ chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(LINC00493	protein_co chr20	18567347	18569563	+	38.95	34.94
ENSG0000(RP11-134K	processed_ chr6	70608234	70609334	-	0	0
ENSG0000(NDUFA5P1	processed_ chr11	3321862	3322202	+	0	0
ENSG0000(RANP2	processed_ chr7	1.47E+08	1.47E+08	+	0	0
ENSG0000(AC002366.	processed_ chrX	11334233	11335901	-	0	0
ENSG0000(RPL5P6	processed_ chr1	91023919	91024804	+	0.07	0
ENSG0000(AC090696.	antisense chr15	27775621	27776798	+	0	0
ENSG0000(RP3-399L1.	lincRNA chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP1-76B20	antisense chr22	29705256	29719859	-	0	0
ENSG0000(TMPRSS11.	unprocessε chr4	67766480	67773854	-	0	0
ENSG0000(USP17L13	protein_co chr4	9224896	9226847	+	0	0
ENSG0000(RAD17P1	processed_ chr7	16864267	16866308	-	0	0
ENSG0000(LINC00112	antisense chr21	41716436	41717580	+	0	0
ENSG0000(RP11-5111.	processed_ chr2	63108118	63108429	-	0	0
ENSG0000(RP11-234K	antisense chr20	36148726	36155760	-	0.1	0.13
ENSG0000(RP11-641C	processed_ chr3	60690225	60690719	-	0	0
ENSG0000(AC140481.	antisense chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC019185.	processed_ chr2	2.09E+08	2.09E+08	+	0	0
ENSG0000(AC009495.	lincRNA chr2	1.66E+08	1.66E+08	-	0.29	0
ENSG0000(RP1-315G1	lincRNA chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-343J.	lincRNA chr9	1.26E+08	1.26E+08	+	0	0
ENSG0000(CTB-51J22.	antisense chr7	74059576	74062284	-	0.41	0.45
ENSG0000(BPESC1	lincRNA chr3	1.39E+08	1.39E+08	+	0	0
ENSG0000(RP11-678B	processed_ chr7	53787167	53787298	+	0	0
ENSG0000(TTTY19	lincRNA chrY	8704472	8705283	+	0	0
ENSG0000(IL9RP2	unprocessε chr10	80394	86265	-	0	0
ENSG0000(KNOP1P4	processed_ chr6	72986313	72987750	+	0	0
ENSG0000(PRAMEF6	protein_co chr1	12938472	12947580	-	0	0

ENSG0000(USP9YP29 unprocessε	chrY	23740258	23746693	-	0	0
ENSG0000(RPL21P131 processed_	chr19	33589206	33589688	-	0	0
ENSG0000(RPL31P15 processed_	chr2	1.83E+08	1.83E+08	+	0	0.2
ENSG0000(RP11-578F transcribec	chr15	28788243	28792002	+	0	0
ENSG0000(GXYL1P3 processed_	chr9	40348599	40349791	+	0	0
ENSG0000(C9orf172 protein_co	chr9	1.37E+08	1.37E+08	+	1.8	1.63
ENSG0000(RP11-103C lincRNA	chr1	2.22E+08	2.22E+08	+	0	0
ENSG0000(RPS26P42 processed_	chr10	75125217	75125862	+	0	0
ENSG0000(RPL18AP7 processed_	chr3	38526802	38527325	-	0	0
ENSG0000(CTD-3184A antisense	chr20	63627227	63628824	+	2.47	1.67
ENSG0000(AC010745. lincRNA	chr2	16316324	16319566	-	0	0
ENSG0000(RP11-132A antisense	chr7	1.01E+08	1.01E+08	+	0.19	0
ENSG0000(RP13-60P5 unprocessε	chrX	26147774	26148281	+	0	0
ENSG0000(MTND5P3 processed_	chr13	84521725	84523915	+	0	0
ENSG0000(RP11-416N lincRNA	chr20	10180235	10185775	+	0	0
ENSG0000(RP4-730K3 transcribec	chr1	1.14E+08	1.14E+08	-	0.52	0.96
ENSG0000(AC016768. lincRNA	chr2	23018125	23199056	-	0	0
ENSG0000(RP4-794H1 lincRNA	chr1	58882868	58903747	-	0.19	0.79
ENSG0000(RP11-3J10. processed_	chr9	37836044	37836394	+	0	0
ENSG0000(LARS2-AS1 antisense	chr3	45483974	45509545	-	0	0
ENSG0000(RP11-5P18 unprocessε	chr1	16035178	16040029	-	0	0
ENSG0000(SLC16A6P1 transcribec	chr17	64953683	64956546	+	0	0
ENSG0000(LINC01450 lincRNA	chr7	40964667	40979939	-	0	0
ENSG0000(OR4F14P unprocessε	chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(BMPR1APS processed_	chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-644C lincRNA	chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-195C processed_	chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(CTA-125H2 antisense	chr22	25959074	25983526	-	0	0
ENSG0000(RP5-1022J. lincRNA	chr20	52487922	52500591	-	0	0
ENSG0000(RP11-337A processed_	chr9	26880178	26880549	-	0	0
ENSG0000(TMA16P2 processed_	chr1	45846994	45847594	-	0	0
ENSG0000(RP11-313D lincRNA	chr10	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-241F unprocessε	chr4	49550032	49557400	+	0	0
ENSG0000(EEF1B2P3 processed_	chrX	24788392	24789069	-	0	0.14
ENSG0000(NCKAP5-IT sense_intrε	chr2	1.33E+08	1.33E+08	-	0	0
ENSG0000(HSFY5P unprocessε	chrY	22048554	22049347	-	0	0
ENSG0000(AC010900. processed_	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(TGFB2-AS1 antisense	chr1	2.18E+08	2.18E+08	-	0.13	0.28
ENSG0000(RP4-654C1 processed_	chr1	23410832	23412146	+	0	0
ENSG0000(AC098820. processed_	chr2	2.16E+08	2.16E+08	-	0.17	0.48
ENSG0000(RP11-18B3 processed_	chr9	1.06E+08	1.06E+08	+	0	0
ENSG0000(RASA3-IT1 sense_intrε	chr13	1.14E+08	1.14E+08	-	0	0
ENSG0000(MFAP1P1 processed_	chr13	30541643	30542897	-	0	0.05
ENSG0000(OSBPL10-A antisense	chr3	31704058	31721652	+	0.52	0
ENSG0000(SAPCD2P3 processed_	chr7	66556216	66557065	+	0	0

ENSG0000(NPM1P13 processed_ chr7	18948898	18949762	-	0	0
ENSG0000(RPL12P11 processed_ chr20	41547422	41547922	+	0	0
ENSG0000(RP11-403N lincRNA chr9	79874696	79886678	-	0	0
ENSG0000(RPL3P12 processed_ chrX	1.23E+08	1.23E+08	+	0	0
ENSG0000(ADIPOR1P1 processed_ chr10	22162992	22165794	+	0	0
ENSG0000(RP5-1011C antisense chr1	1.93E+08	1.93E+08	-	0	0
ENSG0000(RP11-512F processed_ chr1	1.13E+08	1.13E+08	+	0.06	0
ENSG0000(AP005273. lincRNA chr11	64500853	64505386	+	0	0
ENSG0000(AC073464. processed_ chr2	94760774	94761116	-	0	0
ENSG0000(CYCSP8 processed_ chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(ST3GAL5-A lincRNA chr2	85889280	85890980	+	0.49	0.27
ENSG0000(XXbac-BPG lincRNA chr6	29223973	29290440	+	0	0
ENSG0000(MRPL45P1 processed_ chr2	88364695	88365608	-	0	0
ENSG0000(OR2AH1P unprocessε chr11	56669017	56669944	-	0	0
ENSG0000(AP000233. lincRNA chr21	25095022	25103670	+	0	0
ENSG0000(RP11-329A processed_ chr1	48497263	48497736	-	0	0
ENSG0000(LL22NC03- unprocessε chr22	22347807	22348164	+	0	0
ENSG0000(AC112198. unitary_ψε chr5	54808210	54872551	-	0.77	0.59
ENSG0000(AC074366. antisense chr2	38668202	38671421	-	0	0
ENSG0000(RP11-29H2 antisense chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(AC012507. antisense chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(ZNF886P unprocessε chrY	20001185	20012204	-	0	0
ENSG0000(RP11-332K antisense chr7	1.23E+08	1.23E+08	+	0	0
ENSG0000(SS18L2P1 processed_ chr10	34875210	34875422	+	0	0
ENSG0000(VDAC1P13 processed_ chr2	42463139	42463997	-	0	0
ENSG0000(RP11-14N7 lincRNA chr1	1.44E+08	1.44E+08	-	40.45	55.54
ENSG0000(RP4-673D2 transcribec chr20	1767957	1779995	-	0	0.14
ENSG0000(RP1-257I9. lincRNA chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP1-102K2 antisense chr22	30239194	30240538	+	0.08	0
ENSG0000(AC027612. processed_ chr2	91747940	91748986	-	0	0
ENSG0000(AC093673. antisense chr7	1.43E+08	1.43E+08	-	8.9	9.1
ENSG0000(OR5H8 polymorph chr3	98311913	98312843	+	0	0
ENSG0000(RP11-74C1 sense_intrε chr1	1.52E+08	1.52E+08	+	0.14	0.15
ENSG0000(RP11-385M lincRNA chr1	2.09E+08	2.09E+08	-	0	0
ENSG0000(LINC00945 lincRNA chr21	33057829	33064983	+	0	0
ENSG0000(RPL36P19 processed_ chr13	43394525	43394825	+	0	0
ENSG0000(DPYD-IT1 sense_intrε chr1	97394154	97420141	-	0	0
ENSG0000(IGHD4-11 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(KB-318B8.7 sense_intrε chr22	24101689	24103354	+	1.28	0.28
ENSG0000(RP11-458F unprocessε chr7	66848496	66858136	+	0	0
ENSG0000(LINC01809 lincRNA chr2	83522814	83523502	+	0	0
ENSG0000(SRD5A1P1 processed_ chrX	1.39E+08	1.39E+08	+	0	0
ENSG0000(MTCO1P14 processed_ chr1	1.07E+08	1.07E+08	-	0	0
ENSG0000(CLK2P1 processed_ chr7	23585062	23586355	-	0	0
ENSG0000(RSU1P2 transcribec chr10	45099487	45154596	-	0	0

ENSG0000(AC104088. lincRNA	chr2	1.72E+08	1.72E+08	+	0	0.16
ENSG0000(AC092570. processed_	chr2	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-4M2: antisense	chr1	23907111	23907885	+	0	0
ENSG0000(KCND3-IT1 sense_intr	chr1	1.12E+08	1.12E+08	-	0	0
ENSG0000(LINC01549 lincRNA	chr21	17438890	17449185	+	0	0
ENSG0000(TPMTP3 processed_	chrX	51979223	51980012	-	0	0
ENSG0000(CRB3P1 processed_	chr3	1394173	1394448	-	0	0
ENSG0000(RP4-591N1 antisense	chr22	40521800	40526707	+	0.1	0.07
ENSG0000(RPL23AP35 processed_	chr2	1.86E+08	1.86E+08	-	0	0
ENSG0000(RPL3P4 processed_	chr14	98972879	98973301	-	0	0.66
ENSG0000(RP11-137D processed_	chrX	88908403	88908763	+	0	0
ENSG0000(CTC-303L1. processed_	chr5	94592771	94594791	+	0.03	0
ENSG0000(MTCO1P27 unprocess	chr19	12504665	12504890	+	0	0
ENSG0000(AC079742. antisense	chr7	6578565	6588974	-	0	0
ENSG0000(RP11-85L2. processed_	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(GPR143P unprocess	chrY	7100733	7106502	-	0	0
ENSG0000(OFD1P12Y unprocess	chrY	23972780	23995081	+	0	0
ENSG0000(KIAA1614- antisense	chr1	1.81E+08	1.81E+08	-	0.2	0.4
ENSG0000(EEF1A1P3 processed_	chr13	28214513	28215897	+	0	0
ENSG0000(RP11-128I7 lincRNA	chr9	73573615	73579498	+	0	0
ENSG0000(RP5-1031D lincRNA	chr10	7445558	7471942	-	0	0
ENSG0000(KANTR protein_co	chrX	53094145	53170914	+	2.77	2.5
ENSG0000(AC103563. unprocess	chr2	94961047	94961503	-	0	0
ENSG0000(CST2P1 unprocess	chr20	23711320	23711406	-	0	0
ENSG0000(LINC01646 lincRNA	chr1	4571481	4594009	+	0	0
ENSG0000(AC013727. lincRNA	chr2	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP1-90K10 lincRNA	chr6	36940071	36944675	-	0	0
ENSG0000(RP1-161N1 processed_	chrX	1.25E+08	1.25E+08	-	0	0
ENSG0000(TONSL-AS1 antisense	chr8	1.44E+08	1.44E+08	+	1.14	1.88
ENSG0000(RP11-393N processed_	chr3	1.74E+08	1.74E+08	-	0	0
ENSG0000(LL22NC03- unprocess	chr22	22370829	22371120	+	0	0
ENSG0000(AC010967. lincRNA	chr2	52864235	52866631	+	0	0
ENSG0000(HMGN2P1: processed_	chr7	84876554	84876956	+	0	0
ENSG0000(LINC01412 lincRNA	chr2	1.45E+08	1.45E+08	+	0	0.55
ENSG0000(TIMM9P2 processed_	chr21	39216624	39217506	+	0	0
ENSG0000(CCT6P4 processed_	chr3	1.91E+08	1.91E+08	+	0	0
ENSG0000(RP11-1114 lincRNA	chrX	1.37E+08	1.37E+08	-	0.34	0.4
ENSG0000(RPL31P35 processed_	chr7	54656358	54656734	+	0	0
ENSG0000(AC007386. antisense	chr2	65030727	65053017	+	0	0
ENSG0000(USP9YP9 unprocess	chrY	25730011	25735160	-	0	0
ENSG0000(CTD-2012J: processed_	chr5	1614836	1616334	+	0	0
ENSG0000(AC017019. unprocess	chrY	9665229	9669010	+	0	0
ENSG0000(RP11-439L. lincRNA	chr6	1.43E+08	1.43E+08	+	0.26	0
ENSG0000(TSPY17P unprocess	chrY	6520463	6520929	+	0	0
ENSG0000(C4BPAP2 unprocess	chr1	2.07E+08	2.07E+08	+	0	0

ENSG0000(RP11-484D processed_ chr1	84636158	84637106	-	0	0
ENSG0000(AP000266. antisense_ chr21	32306464	32308737	-	0	0
ENSG0000(LINC01517 processed_ chr10	28792668	28808219	+	0	0
ENSG0000(RPL23AP31 processed_ chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(RP11-175B transcribed chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(AC021876. processed_ chr7	23365618	23365976	+	0	0
ENSG0000(RP11-365C sense_intron chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(HLA-DQB2 protein_code chr6	32756098	32763534	-	0	0
ENSG0000(PRPS1P2 processed_ chr9	1.25E+08	1.25E+08	+	0	0
ENSG0000(MTND2P23 processed_ chr2	2.12E+08	2.12E+08	+	0	0
ENSG0000(CTD-2201C antisense_ chr5	1.13E+08	1.13E+08	+	0.07	0.05
ENSG0000(NEFLP1 processed_ chrY	21221106	21222089	-	0	0
ENSG0000(RP11-342C lincRNA_ chr13	87427200	87447235	-	0	0
ENSG0000(RP11-379F lincRNA_ chr10	8051541	8053084	+	0	0
ENSG0000(RP1-266L2 antisense_ chr6	1.7E+08	1.7E+08	-	0	0
ENSG0000(AC008073. antisense_ chr2	24165884	24175005	-	0	0
ENSG0000(LINC00385 lincRNA_ chr13	30154066	30154586	+	0	0
ENSG0000(GS1-466O4 unprocessed chrX	26200042	26200647	+	0	0
ENSG0000(LINC01431 lincRNA_ chr20	23356594	23358116	-	0.64	0.16
ENSG0000(RP11-344N processed_ chr10	73065126	73065467	+	0	0
ENSG0000(POLR3KP1 processed_ chr13	59071462	59071803	-	0	0
ENSG0000(RP11-367N antisense_ chr4	1.83E+08	1.84E+08	-	0	0.14
ENSG0000(LINC01780 lincRNA_ chr1	1.19E+08	1.19E+08	+	0	0
ENSG0000(GOLGA8N protein_code chr15	32593456	32607310	+	5.07	5.2
ENSG0000(FAM136BP processed_ chr6	3045384	3045800	+	0	0
ENSG0000(LINC01656 lincRNA_ chr22	44443327	44444788	+	0	0
ENSG0000(IDI2-AS1 antisense_ chr10	1022666	1044201	+	0	0
ENSG0000(AC092638. processed_ chr2	1.93E+08	1.93E+08	+	0	0
ENSG0000(AC000111. antisense_ chr7	1.18E+08	1.18E+08	-	0	0
ENSG0000(LDHP1 processed_ chr13	1.13E+08	1.13E+08	+	0.16	0.26
ENSG0000(RP3-477M processed_ chr1	8909742	8909904	+	0	0
ENSG0000(LARP1BP3 processed_ chrX	1.34E+08	1.34E+08	+	0	0
ENSG0000(PHBP10 processed_ chrX	1.05E+08	1.05E+08	-	0	0
ENSG0000(AC004862. antisense_ chr7	80312574	80391474	-	0	0
ENSG0000(AC010967. processed_ chr2	52883243	52883455	+	0	0
ENSG0000(RP11-126K antisense_ chr1	1.51E+08	1.51E+08	-	1.1	0.61
ENSG0000(ACTG1P21 processed_ chr1	77773865	77774864	-	0	0
ENSG0000(RP4-718D2 processed_ chr20	19693209	19697576	-	0	0
ENSG0000(ADH5P2 processed_ chr1	79521080	79522203	+	0	0
ENSG0000(LINC00665 lincRNA_ chr19	36313067	36331718	-	1.03	0.95
ENSG0000(SPTLC1P4 processed_ chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(LINC01705 lincRNA_ chr1	2.22E+08	2.22E+08	-	59.32	69.45
ENSG0000(AC002511. lincRNA_ chr19	35432957	35434642	-	0	0
ENSG0000(RP11-388P antisense_ chr10	60050668	60060743	+	0	0
ENSG0000(ATP11A-AS antisense_ chr13	1.13E+08	1.13E+08	-	0	0

ENSG0000(LINC00442 antisense chr13	19008259	19012559	+	0	0
ENSG0000(RPL12P9 processed_chr21	29127701	29128188	-	0	0
ENSG0000(LINC01628 lincRNA chr2	66921510	66922457	-	0	0
ENSG0000(HSPE1P9 unprocessε chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(AP001596. antisense chr21	26378552	26471698	+	0.06	0
ENSG0000(AC012370. sense_intrε chr2	65373700	65380685	-	0	0
ENSG0000(ELOCP17 processed_chrY	25860943	25861268	+	0	0
ENSG0000(AC017006. antisense chr2	46078015	46078828	-	0	0
ENSG0000(AP001058. lincRNA chr21	44206525	44207399	-	0	0
ENSG0000(BDH2P1 processed_chr6	99174744	99175479	+	0	0
ENSG0000(RPL21P108 processed_chr13	74377163	74377951	-	0	0
ENSG0000(RP3-437C1 processed_chr6	51410081	51410537	-	0	0
ENSG0000(NUTM2HP unprocessε chr10	50676743	50686326	+	0	0.02
ENSG0000(AP1B1P2 unprocessε chr22	32134028	32134133	+	0	0
ENSG0000(MARK2P9 processed_chr10	92418667	92420875	+	0	0
ENSG0000(RP4-669P1 lincRNA chr22	42136433	42139927	-	0.1	0.22
ENSG0000(KIZ-AS1 antisense chr20	21154023	21218289	-	0.01	0
ENSG0000(AC010733. processed_chr2	60938204	60938604	-	0.84	0.23
ENSG0000(MTND3P8 processed_chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(LINC01022 antisense chr7	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC016831. processed_chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(TRIM51JP unprocessε chr2	95574899	95580764	+	0	0
ENSG0000(GAPDHP48 processed_chr2	3688021	3688981	-	0	0
ENSG0000(RP11-13J8. lincRNA chr2	2.01E+08	2.01E+08	+	0	0.05
ENSG0000(RP11-403I1 lincRNA chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(MROH4P unitary_psε chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(AC013399. processed_chr2	1.21E+08	1.21E+08	+	0	0
ENSG0000(TRIM80P unitary_psε chr17	75074306	75079549	+	0.02	0.02
ENSG0000(U52111.14 antisense chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(YWHAEP1 processed_chr7	64433830	64434592	+	0	0
ENSG0000(PHB2P1 processed_chr10	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC083884. processed_chr7	74688939	74729001	-	0.08	0
ENSG0000(FAM8A4P processed_chrY	12321623	12322835	+	0	0
ENSG0000(AC073043. processed_chr2	2E+08	2E+08	-	0	0
ENSG0000(ATP5G1P7 processed_chr10	69432972	69433371	-	0	0
ENSG0000(ATG4AP1 processed_chrX	82998699	82999236	+	0	0
ENSG0000(AC007551. processed_chr7	35768122	35768640	-	0	0
ENSG0000(RP5-986I17 antisense chr20	9575608	9577689	+	0	0
ENSG0000(RP11-25G1 antisense chr10	15237492	15241767	+	0	0
ENSG0000(LINC01826 lincRNA chr2	1.23E+08	1.23E+08	-	0	0
ENSG0000(RHOQP2 processed_chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(ELF2P3 processed_chr9	87816465	87817970	+	0	0
ENSG0000(USP9YP16 unprocessε chrY	18121195	18123799	-	0	0
ENSG0000(LINC02022 lincRNA chr3	12877522	12885211	-	0	0
ENSG0000(IGKV1D-35 IG_V_pseu chr2	89895502	89895772	+	0	0

ENSG0000(RP11-196G lincRNA chr16	31056460	31062803	+	0.03	0.04
ENSG0000(RP11-15B2 lincRNA chr9	82451656	82455225	+	0	0
ENSG0000(RP11-177A processed_chr1	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-296C processed_chr1	1.73E+08	1.73E+08	+	0	0
ENSG0000(MTCO3P21 unprocessε chr1	93924743	93925385	-	0	0
ENSG0000(RP1-85F18 antisense chr22	41169190	41183144	-	0	0
ENSG0000(RP5-1185I7 antisense chr7	77990384	77995171	+	0	0
ENSG0000(ETF1P1 processed_chr6	30031713	30033003	+	0	0
ENSG0000(AC002480. antisense chr7	22563337	22573996	+	0	0
ENSG0000(AC103564. unprocessε chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP4-784A1 antisense chr1	53304536	53307462	+	0	0
ENSG0000(TRIM60P8) processed_chrY	23025594	23026663	+	0	0
ENSG0000(RP11-382F transcribed chrX	55279839	55288785	+	0	0
ENSG0000(AC098614. processed_chr3	27703129	27703568	-	0	0
ENSG0000(RP11-498B antisense chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-201C processed_chr1	31050872	31051034	+	0	0
ENSG0000(PPP1R26P5 processed_chr22	21341595	21345258	+	0	0
ENSG0000(MTND4P22 processed_chr2	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-1396 unprocessε chr4	9422313	9429702	+	0	0
ENSG0000(FLJ22447 lincRNA chr14	61570540	61658696	+	8.11	7.32
ENSG0000(BMS1P22 transcribed chr22	15805263	15820884	-	0	0
ENSG0000(MRPL51P2 processed_chr21	43115334	43115709	-	0	0
ENSG0000(RPL23AP5C processed_chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(GAPDHP74 transcribed chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(FRG2FP transcribed chr3	1.98E+08	1.98E+08	+	0	0
ENSG0000(TIMM9P3 processed_chr13	45552863	45553136	-	0	0
ENSG0000(OR7L1P processed_chrX	1.32E+08	1.32E+08	+	0	0
ENSG0000(AC078883. antisense chr2	1.72E+08	1.72E+08	-	3.22	5.06
ENSG0000(AC053503. unprocessε chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(LINC01162 lincRNA chr7	20835431	21023148	+	0	0
ENSG0000(OR1111P unitary_ψ chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(FTH1P25 processed_chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(DNAJC19P8 processed_chr1	2.45E+08	2.45E+08	-	0	0
ENSG0000(HNRNPDP1 processed_chrX	64044305	64045058	+	0	0
ENSG0000(SCAND3P1 processed_chr13	35185294	35186679	+	0	0
ENSG0000(FAM207CP processed_chr21	13792635	13793141	+	0	0
ENSG0000(RP11-204M processed_chr9	39892550	39892895	+	0	0
ENSG0000(CRYGFP unprocessε chr2	2.09E+08	2.09E+08	+	0	0
ENSG0000(SLC7A15P unitary_ψ chr2	20386386	20396588	+	0	0
ENSG0000(SDCBPP3 processed_chrX	40890647	40891537	-	0	0
ENSG0000(SLCO4A1-A antisense chr20	62663019	62666724	-	0	0
ENSG0000(NIP7P1 processed_chr10	93106872	93107383	-	0	0
ENSG0000(AP001610. lincRNA chr21	41559125	41562958	-	0	0
ENSG0000(RP11-536K antisense chr10	5934270	5945900	-	6.75	1.84
ENSG0000(TTTY20 antisense chrY	9329880	9334832	-	0	0

ENSG0000(VDAC1P10 processed_ chr1	2.15E+08	2.15E+08 +	0	0
ENSG0000(TNF protein_co chr6	31575567	31578336 +	0	0
ENSG0000(RP11-96K1 antisense chr1	1.11E+08	1.11E+08 +	0	0
ENSG0000(LINC01717 lincRNA chr1	2.09E+08	2.09E+08 +	0	0
ENSG0000(RP11-344N processed_ chrX	48274904	48275047 -	0	0
ENSG0000(COL4A2-AS antisense chr13	1.11E+08	1.11E+08 -	0	0
ENSG0000(DUX4L50 unprocessε chr9	63817748	63818462 -	0.18	0.3
ENSG0000(RP11-73B2 lincRNA chr7	63388808	63393657 -	0	0
ENSG0000(RPS2P32 processed_ chr7	23490473	23491364 +	0.07	0.08
ENSG0000(AC003986. antisense chr7	19112474	19114271 +	0.03	0
ENSG0000(TXNP1 processed_ chr10	1.2E+08	1.2E+08 -	0	0
ENSG0000(PRR13P1 processed_ chr1	1.98E+08	1.98E+08 -	0	0
ENSG0000(RP5-896L1 antisense chr1	99004276	99148852 +	0	0
ENSG0000(LINC01189 lincRNA chr9	62515191	62522018 +	0	0
ENSG0000(AF196970. antisense chrX	48698963	48737163 -	0.07	0
ENSG0000(GSTO3P processed_ chr3	1.31E+08	1.31E+08 +	0	0
ENSG0000(RP11-144C processed_ chr3	1.01E+08	1.01E+08 +	0	0
ENSG0000(LMLN-AS1 antisense chr3	1.98E+08	1.98E+08 -	0	0
ENSG0000(RP11-12D5 processed_ chrX	27847588	27847939 -	0	0
ENSG0000(AC107057. lincRNA chr2	5549780	5556031 -	0	0
ENSG0000(LINC01700 lincRNA chr21	38974429	38977774 -	0	0
ENSG0000(PET117 protein_co chr20	18137873	18143169 +	4.37	3.59
ENSG0000(BRWD1P3 processed_ chr7	17033089	17033478 -	0	0
ENSG0000(RP5-961K1 processed_ chrX	95973328	95974315 -	0	0.14
ENSG0000(SNX18P2 processed_ chr9	92893698	92894505 -	0	0
ENSG0000(TRAPP2P2 unprocessε chrY	23762838	23765583 -	0	0
ENSG0000(SLC25A6P3 processed_ chr1	51709062	51709940 +	0	0
ENSG0000(CTA-215D1 processed_ chr1	8057245	8058463 -	0	0.09
ENSG0000(LINC00363 lincRNA chr13	93056657	93057926 +	0	0
ENSG0000(PTGES2-AS lincRNA chr9	1.28E+08	1.28E+08 +	0.85	0.62
ENSG0000(ATP5J2P3 processed_ chr9	77040416	77040673 +	0	0
ENSG0000(CICP4 processed_ chr20	64290187	64292998 -	0	0
ENSG0000(LUZP4P1 processed_ chr10	21247752	21248095 +	0	0
ENSG0000(AF131217. lincRNA chr21	28439346	28674848 -	0.2	0.56
ENSG0000(KATNBL1P2 processed_ chr1	94650544	94651378 -	0	0
ENSG0000(RPL34P27 processed_ chr13	24988577	24988925 -	0	0
ENSG0000(LYRM9 protein_co chr17	27878314	27894752 -	5.06	5.04
ENSG0000(SMG7-AS1 processed_ chr1	1.83E+08	1.83E+08 -	0.1	0.11
ENSG0000(RP4-665N4 transcribec chr1	36080066	36084026 -	0	0.08
ENSG0000(NUCKS1P1 processed_ chr1	2.27E+08	2.27E+08 -	0.47	0.73
ENSG0000(RP11-179D processed_ chr9	27210327	27210626 +	0	0
ENSG0000(TRBV29-1 TR_V_gene chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(SEC1P unitary_psι chr19	48638071	48682245 +	0.34	0.21
ENSG0000(CTAGE3P processed_ chr13	51908218	51910621 -	0.09	0
ENSG0000(RPL23AP93 processed_ chr3	1.95E+08	1.95E+08 -	0	0

ENSG0000(RP11-135A antisense chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(HMGN2P3 processed chr10	96915633	96915902	-	0	0
ENSG0000(CTA-212D2 antisense chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(DPYD-AS1 antisense chr1	97095923	97322955	+	0	0
ENSG0000(RP11-544N processed chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(NDUFB4P1 processed chr20	45388347	45388705	-	0	0
ENSG0000(RPS10P21 processed chr13	71913704	71914178	-	0	0
ENSG0000(PHKA1P1 processed chr1	90892992	90893612	-	0.86	0
ENSG0000(RP11-3021 processed chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000(AF127936 lincRNA chr21	14746762	14753863	-	0	0
ENSG0000(GPC5-AS2 antisense chr13	92339794	92340603	-	0	0
ENSG0000(AF212831 lincRNA chr21	16862875	16873691	-	0	0
ENSG0000(AC006466 processed chr7	31119284	31119572	-	0	0
ENSG0000(RPS11P5 processed chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(AC087499 processed chr17	20595531	20595708	+	0	0
ENSG0000(RP11-136K sense intron chr6	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-267N antisense chr1	1.63E+08	1.63E+08	+	0	0
ENSG0000(IQCA1-AS1 antisense chr2	2.36E+08	2.36E+08	+	0	0
ENSG0000(MRPS31P2 unprocessed chr13	19552571	19570288	-	0	0
ENSG0000(RP4-543J1 lincRNA chr1	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-410K lincRNA chr9	1.11E+08	1.11E+08	+	0.11	0
ENSG0000(RP11-191L processed chr22	47662559	47663603	-	0	0
ENSG0000(CDY9P unprocessed chrY	18182835	18184414	-	0	0
ENSG0000(RP4-697P8 lincRNA chr20	10875333	10909272	-	0	0
ENSG0000(CYCSP10 processed chr3	10000647	10000940	-	0.37	0
ENSG0000(LINC01166 lincRNA chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-534I8 processed chr9	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-746P processed chr7	65355934	65357176	+	0	0
ENSG0000(DLGAP4-AS antisense chr20	36507702	36573391	-	0	0
ENSG0000(HSD17B7P processed chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RP3-510O8 antisense chr6	35733867	35736947	-	0	0
ENSG0000(RAB9AP1 unprocessed chrY	23751188	23751760	+	0	0
ENSG0000(RP5-1115A antisense chr1	8424645	8434838	+	0	0
ENSG0000(PLCE1-AS2 antisense chr10	94081950	94108814	-	0	0
ENSG0000(TRAPPC2P unprocessed chrY	25904518	25907250	+	0	0
ENSG0000(AC097721 processed chr2	1.38E+08	1.38E+08	-	0	0
ENSG0000(HMGN2P2 processed chr5	1.16E+08	1.16E+08	-	0	0
ENSG0000(HSPE1P6 processed chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(RP11-366L processed chr1	94406395	94406882	-	0	0
ENSG0000(LINC01400 lincRNA chr9	37073531	37075792	-	0	0
ENSG0000(MTND6P2 unprocessed chr7	1.12E+08	1.12E+08	-	0	0
ENSG0000(ELOCP4 processed chrY	9230915	9231247	+	0	0
ENSG0000(MRPS16P2 processed chr20	59113224	59113631	+	0	0
ENSG0000(AC000078 processed chr22	19887289	19887970	+	0	0
ENSG0000(USP12PY processed chrY	3682805	3683868	+	0	0

ENSG0000(DDX3P1 processed_ chrX	74121012	74131923	+	0	0
ENSG0000(AC083864. lincRNA chr7	36029611	36055431	+	0	0
ENSG0000(LINC00342 lincRNA chr2	95807118	95816215	-	5.36	6.24
ENSG0000(RP11-324C antisense chr10	1.12E+08	1.12E+08	-	0	0.11
ENSG0000(RP11-223P antisense chr10	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-80H5 antisense chr10	89645282	89650667	+	0	0
ENSG0000(RP11-98D1 sense_intr chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(RPL23AP87 transcribed chr17	83226897	83240804	+	0.12	0.07
ENSG0000(RP11-406C antisense chr9	1.1E+08	1.1E+08	-	0	0
ENSG0000(HCG25 antisense chr6	33249534	33254989	+	0.37	1.28
ENSG0000(RP4-717M: processed_ chr20	18220113	18220512	+	0	0
ENSG0000(RP13-492C processed_ chr7	56408699	56409210	-	0	0
ENSG0000(RP11-390F processed_ chr9	6675284	6675614	+	0	0
ENSG0000(RP11-401E lincRNA chr6	15994944	15999797	+	0	0
ENSG0000(DEFB130 protein_co chr8	12310962	12318316	-	0	0
ENSG0000(AC002480. antisense chr7	22589705	22591622	+	0.26	0
ENSG0000(ZNF519P1 processed_ chr10	80297720	80299655	+	0	0
ENSG0000(IPO7P1 processed_ chrX	51921864	51922499	-	0	0
ENSG0000(RP11-90H3 processed_ chr1	1.06E+08	1.06E+08	+	0	0.04
ENSG0000(HSPA8P18 processed_ chr3	19940269	19943310	-	0	0
ENSG0000(LINC00374 lincRNA chr13	58211697	58233117	-	0	0
ENSG0000(SNHG15 lincRNA chr7	44983023	44986961	-	5.61	4.5
ENSG0000(AC091069. unprocess chr3	6208269	6208571	+	0	0
ENSG0000(RP11-332H antisense chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(HMGN2P2(processed_ chr2	24330402	24330674	+	0	0
ENSG0000(LINC01737 lincRNA chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(RPS12P18 processed_ chr10	79544087	79544356	+	0	0
ENSG0000(EIF4EP4 processed_ chr7	81463036	81463613	-	0	0
ENSG0000(AP001062. antisense chr21	44339376	44340470	+	0	0
ENSG0000(POLHP1 processed_ chr2	2.16E+08	2.16E+08	-	0	0
ENSG0000(RP11-293A antisense chr1	1.09E+08	1.09E+08	-	0	0
ENSG0000(CYP1B1-AS antisense chr2	38073447	38231651	+	4.33	3.72
ENSG0000(MTCO1P57 unprocess chr7	68097737	68098250	+	0	0
ENSG0000(TRIM60P1(processed_ chrY	24659337	24660406	+	0	0
ENSG0000(LINC00327 lincRNA chr13	23466571	23487464	+	0.24	0.42
ENSG0000(RP11-146N antisense chr9	19291337	19292576	-	0	0
ENSG0000(AC092580. processed_ chr2	7735645	7735783	-	0	0
ENSG0000(MTCO1P51 unprocess chr9	80563571	80564630	-	0	0
ENSG0000(MTCO1P45 processed_ chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-296L: processed_ chr9	34546524	34546996	-	0	0
ENSG0000(RP11-442C lincRNA chr10	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-179A lincRNA chr13	33657436	33659928	+	0	0
ENSG0000(LINC01219 lincRNA chr11	1991096	1993469	+	0	0
ENSG0000(RP11-136B processed_ chr1	2.38E+08	2.38E+08	-	0	0
ENSG0000(MTATP6P7 unprocess chr2	1.3E+08	1.3E+08	+	0	0

ENSG0000(GACAT1	lincRNA	chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(AHCYP4	processed_	chr2	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-334A	antisense	chr1	53069938	53085502	-	0	0
ENSG0000(RPL7P14	processed_	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RGS5	antisense	chr1	1.63E+08	1.63E+08	-	0.9	1.33
ENSG0000(VPS13A-AS	antisense	chr9	77176756	77177994	-	0	0
ENSG0000(RP1-90J20.	unitary_ps	chr6	2910613	2912113	-	0	0
ENSG0000(AC005324.	antisense	chr17	15735023	15749192	-	0	0
ENSG0000(CICP26	unprocessε	chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(AC067959.	lincRNA	chr2	21221175	21970959	+	0	0
ENSG0000(AC034220.	processed_	chr5	1.32E+08	1.32E+08	-	2.14	2.08
ENSG0000(UBTFL11	processed_	chrX	38531923	38534174	-	0	0
ENSG0000(LINC01725	lincRNA	chr1	83575776	83861023	-	0	0
ENSG0000(NALCN-AS1	antisense	chr13	1.01E+08	1.01E+08	+	0	0
ENSG0000(RPEP4	processed_	chr22	29608900	29609501	+	0	0
ENSG0000(SLC9A3P1	processed_	chr10	50150603	50152287	+	0	0
ENSG0000(HDAC1P2	transcribec	chr1	2.21E+08	2.21E+08	+	0	0
ENSG0000(FAM157B	transcribec	chr9	1.38E+08	1.38E+08	+	0.37	0.45
ENSG0000(TBC1D3P7	unprocessε	chr17	41323427	41329545	+	0	0
ENSG0000(SLC25A6P1	processed_	chr20	21742303	21743077	-	0	0
ENSG0000(SNHG7	antisense	chr9	1.37E+08	1.37E+08	-	43.84	47.57
ENSG0000(RP5-908M:	antisense	chr20	62427827	62447621	+	0	0
ENSG0000(RP4-597N1	processed_	chr1	2.35E+08	2.35E+08	-	0	0
ENSG0000(RP11-4201	processed_	chr1	70530526	70531492	+	0	0
ENSG0000(RP11-490E	antisense	chr10	437561	441170	+	0	0
ENSG0000(RP11-1212	protein_co	chr16	18358086	18379331	-	87.68	38.89
ENSG0000(CRYZP1	processed_	chr7	1.03E+08	1.03E+08	-	0	0
ENSG0000(MTCO1P5	processed_	chr3	12165299	12165642	-	0	0
ENSG0000(RP4-725G1	processed_	chr7	56175634	56176412	+	0	0
ENSG0000(RP11-439A	antisense	chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-196G	antisense	chr1	1.5E+08	1.5E+08	-	0.02	0.03
ENSG0000(AC125238.	processed_	chr2	2.04E+08	2.04E+08	-	0	0
ENSG0000(CASK-AS1	antisense	chrX	41520036	41522336	+	0	0
ENSG0000(KRTAP8-2P	unprocessε	chr21	30802242	30802427	-	0	0
ENSG0000(AC009237.	processed_	chr2	95542730	95543230	-	0	0
ENSG0000(AC011899.	antisense	chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(MTND5P3C	processed_	chr2	1.55E+08	1.55E+08	+	0	0
ENSG0000(FAM204BP	processed_	chr1	1.98E+08	1.98E+08	-	0	0
ENSG0000(PHGR1	protein_co	chr15	40351033	40356434	+	0	0
ENSG0000(RP1-137K2	antisense	chr6	1.57E+08	1.57E+08	-	0	0
ENSG0000(AC097523.	processed_	chr2	1.38E+08	1.38E+08	+	0	0
ENSG0000(LINC01677	lincRNA	chr1	1.06E+08	1.06E+08	-	0	0
ENSG0000(LINC01722	lincRNA	chr20	12865202	12952519	-	0	0
ENSG0000(RP11-1236	protein_co	chr8	12064389	12071747	-	0	0
ENSG0000(RP11-398B	sense_intr	chr10	1361001	1361637	-	0	0

ENSG0000(RP11-490D processed_ chr9	1.02E+08	1.02E+08	-	0	0
ENSG0000(ERVH48-1 lincRNA chr21	42916803	42925646	-	0	0
ENSG0000(EEF1A1P14 processed_ chr1	1.94E+08	1.94E+08	+	0.04	0.05
ENSG0000(LINC00884 antisense chr3	1.94E+08	1.95E+08	+	2.4	3.23
ENSG0000(AC016700. lincRNA chr2	70089721	70096100	+	0	0
ENSG0000(TTLL7-IT1 sense_intr chr1	83979118	83984300	-	0	0
ENSG0000(SAR1AP4 processed_ chrX	75884546	75885136	+	0	0
ENSG0000(RP3-380B8 lincRNA chr6	5851506	5870220	+	0	0
ENSG0000(PTCHD1-AS lincRNA chrX	22259797	23293146	-	0	0
ENSG0000(RP1-140K8 lincRNA chr6	3893126	3894292	+	0	0
ENSG0000(RP5-930J4. antisense chr1	20732880	20733952	+	0	0
ENSG0000(ZFY-AS1 antisense chrY	2966844	3002626	-	0.15	0.5
ENSG0000(RPSAP59 processed_ chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(RPS15AP6 processed_ chr1	21003550	21003934	-	0	0
ENSG0000(AC005009. antisense chr7	86784226	86786670	-	0	0
ENSG0000(LINC01271 lincRNA chr20	50310711	50321342	-	0	0.03
ENSG0000(RP11-5P18 antisense chr1	16006160	16006671	-	0	0
ENSG0000(LINC01755 lincRNA chr1	55945087	55950119	+	0	0
ENSG0000(LINC01399 lincRNA chr22	35119824	35231056	-	0	0
ENSG0000(RP11-440G lincRNA chr9	91426238	91427144	+	0	0
ENSG0000(AC073094. lincRNA chr7	1267353	1269267	+	0	0
ENSG0000(FTH1P6 processed_ chr2	52629743	52630078	+	0	0
ENSG0000(RPL23AP25 processed_ chr1	2.49E+08	2.49E+08	+	1.24	0.47
ENSG0000(XXyac-YX6 lincRNA chr6	1.69E+08	1.69E+08	-	0	0
ENSG0000(RP11-375C lincRNA chr9	79505804	79532342	-	0	0.02
ENSG0000(WTH3DI protein_co chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC015922. unprocess chr17	15792862	15793045	+	0	0
ENSG0000(LINC00892 processed_ chrX	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-520A lincRNA chr3	40970541	40971578	-	0	0
ENSG0000(CCDC144N antisense chr17	20868433	21002276	+	0.73	0.85
ENSG0000(RP11-375A antisense chr1	77346046	77349585	-	0	0
ENSG0000(HOXB-AS3 antisense chr17	48549630	48606414	+	0	0
ENSG0000(RP11-524P lincRNA chrX	42047883	42054836	-	0	0
ENSG0000(AC103563. unprocess chr2	94964473	94964836	-	0	0
ENSG0000(RPL12P3 processed_ chr20	33272262	33272657	-	0	0
ENSG0000(SUCLA2P2 processed_ chr2	76106016	76107324	-	0	0
ENSG0000(AC006042. antisense chr7	7958183	7969903	-	0	0
ENSG0000(RP11-22C8 processed_ chr8	48913916	48914380	+	0	0
ENSG0000(RP11-301L antisense chr4	1.86E+08	1.86E+08	+	0	0
ENSG0000(RAB1C processed_ chr9	37636688	37637293	-	0	0
ENSG0000(RP4-533D7 processed_ chr1	46104950	46105175	+	0	0
ENSG0000(FAM90A11 unprocess chr8	8011782	8017011	-	0	0
ENSG0000(LINC00702 lincRNA chr10	4201141	4243912	-	0.08	0
ENSG0000(UBE2V1P8 processed_ chr1	40942251	40942515	-	0	0
ENSG0000(USP9YP15 unprocess chrY	18116527	18117695	+	0	0

ENSG0000(VN1R20P	unitary_psi	chr3	13926813	13927778	+	0	0.07
ENSG0000(CTAGE7P	processed_	chr10	1.3E+08	1.3E+08	+	0	0
ENSG0000(LINC01007	lincRNA	chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(LINC00456	lincRNA	chr13	97172469	97179622	-	0	0
ENSG0000(ACTBP12	processed_	chr1	92229018	92229435	-	0	0
ENSG0000(ZNF736P3)	processed_	chrY	23049247	23051195	+	0	0
ENSG0000(LINC01794	lincRNA	chr2	40746487	40767452	+	0	0
ENSG0000(RP5-837O2	processed_	chr1	93934479	93935244	-	0	0
ENSG0000(AC096649.	processed_	chr2	1.75E+08	1.75E+08	+	0	1.2
ENSG0000(FAM90A3P	unprocessε	chr8	7264526	7267536	+	0	0
ENSG0000(AC104451.	unprocessε	chr3	17706058	17706233	-	0	0.99
ENSG0000(MTND3P17	unprocessε	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RPS27P18	unprocessε	chr10	1.25E+08	1.25E+08	-	0	0
ENSG0000(USP17L11	protein_co	chr4	9215405	9217356	+	0	0
ENSG0000(RP1-67K17	antisense	chr6	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-38O2	processed_	chrX	48153868	48155941	-	0	0
ENSG0000(DIRC3-AS1	lincRNA	chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(RP11-537A	antisense	chr10	73381433	73383496	+	0	0
ENSG0000(RP11-364B	lincRNA	chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000(BPIFB5P	unitary_psi	chr20	33316869	33329969	+	0	0
ENSG0000(SYF2P2	processed_	chr9	35010703	35011285	+	0	0
ENSG0000(UBE2E2-AS	antisense	chr3	23195070	23202578	-	0	0
ENSG0000(LINC01762	lincRNA	chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(HMGA1P8	processed_	chr2	74418122	74418442	-	0.94	0.35
ENSG0000(HSFY8P	unprocessε	chrY	26011435	26012237	+	0	0
ENSG0000(RP3-388M!	processed_	chr22	43759199	43759910	-	0	0
ENSG0000(RPS24P6	processed_	chr2	94912432	94912831	+	0	0
ENSG0000(AC007390.	processed_	chr2	37194382	37194737	-	0	0
ENSG0000(MORF4L1P	processed_	chrX	73474563	73474830	+	0	0
ENSG0000(RPS12P17	processed_	chr10	69161530	69161906	-	0	0
ENSG0000(EEF1A1P2ε	processed_	chr7	14190795	14192157	+	0	0
ENSG0000(RP11-863K	processed_	chr8	37747338	37748004	-	0.2	0.57
ENSG0000(VN1R34P	unitary_psi	chr7	63934449	63935331	-	0	0
ENSG0000(CTD-2020K	antisense	chr17	45238028	45241734	-	0.32	0.03
ENSG0000(OR7E157P	unprocessε	chr8	7592006	7592916	+	0	0
ENSG0000(RP11-8811ε	antisense	chr9	68393881	68406500	-	4.28	4.17
ENSG0000(RP11-536P	lincRNA	chr22	48448890	48451217	+	0	0
ENSG0000(RP3-468B3	lincRNA	chr6	33893323	33927631	+	0.09	0.11
ENSG0000(RP11-421L	antisense	chr1	1.01E+08	1.01E+08	+	4.01	3.84
ENSG0000(KLF4P1	processed_	chr9	4803788	4804972	-	0	0
ENSG0000(RPL12P29	processed_	chr10	84389170	84389626	-	0	0
ENSG0000(RPS24P13	processed_	chr10	32231849	32232245	-	0.43	0.24
ENSG0000(AC006372.	antisense	chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(AC005324.	lincRNA	chr17	15761614	15763769	-	0	0
ENSG0000(GS1-304P7	processed_	chr1	1.87E+08	1.87E+08	-	0	0

ENSG0000(TMEM256) processed_ chr10	69523311	69523650	-	0	0
ENSG0000(RNF224) protein_co chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-324) lincRNA chr10	35219894	35230598	-	0	0
ENSG0000(RP11-67L3) antisense chr1	54887563	54888850	+	0	0.9
ENSG0000(MAPRE1P3) processed_ chr2	1.65E+08	1.65E+08	+	0	0
ENSG0000(AC108479) processed_ chr2	87972656	87973082	+	0	0
ENSG0000(RPS3AP1) processed_ chr21	20430443	20430762	-	0	0
ENSG0000(LINC00642) lincRNA chr14	90455230	90458905	+	0	0
ENSG0000(GRPEL2P1) processed_ chr13	88978447	88978785	-	0	0
ENSG0000(KCNJ6-AS1) sense_intr chr21	37717102	37719569	-	0	0
ENSG0000(AC002511) lincRNA chr19	35424062	35424652	-	0	0
ENSG0000(LINC01687) lincRNA chr21	22008944	22098459	-	0	0
ENSG0000(RP11-414C) processed_ chr1	58228682	58229003	-	0	0
ENSG0000(MROH3P) transcribed chr1	2.01E+08	2.01E+08	+	0	0
ENSG0000(RP11-89N1) lincRNA chr7	33868501	33874231	-	0	0
ENSG0000(LINC00167) lincRNA chr11	1.3E+08	1.3E+08	+	0	0.09
ENSG0000(AC133785) antisense chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-216N) antisense chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(AC113189) antisense chr17	7581964	7584072	-	5.78	3.89
ENSG0000(AC004987) processed_ chr7	39833571	39834718	+	0	0
ENSG0000(LPCAT2BP) unitary_psi chr1	92066306	92067839	+	0	0
ENSG0000(CNOT7P1) processed_ chrX	69937166	69938017	-	0	0
ENSG0000(AC079807) antisense chr2	47905678	47907810	+	0.41	0.68
ENSG0000(HNRNPA1P) processed_ chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(NPIP7) protein_co chr16	28456372	28471175	-	0	0.09
ENSG0000(RP11-740P) lincRNA chr1	2811850	2812692	-	0	0
ENSG0000(RP5-908D6) unprocessed chr1	89324522	89334880	+	0	0
ENSG0000(AP001171) lincRNA chr21	20256752	20258820	-	0	0
ENSG0000(LINC00472) lincRNA chr6	71344344	71420769	-	0.63	1.97
ENSG0000(DEF9P) unprocessed chr8	6959289	6960161	-	0	0
ENSG0000(RP11-220) antisense chr9	37112548	37115490	-	0	0
ENSG0000(RP11-12D5) processed_ chrX	27863893	27864349	+	0	0
ENSG0000(RP11-415) antisense chr1	33350352	33363245	+	0	0
ENSG0000(GS1-257G1) processed_ chrX	14244382	14244928	+	0	0
ENSG0000(MTND6P9) processed_ chr2	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP3-339A1) antisense chrX	53432722	53433032	-	0	0
ENSG0000(AC007743) antisense chr2	56173534	56185770	-	2.37	2.55
ENSG0000(CRIP1P1) processed_ chr3	12673699	12673883	+	0	0
ENSG0000(RPL21P134) processed_ chrX	75384346	75384828	+	0	0
ENSG0000(RP11-445K) antisense chr10	13415202	13423133	+	0	0
ENSG0000(RP11-219F) lincRNA chr10	83911654	83912922	-	0	0
ENSG0000(FABP3P2) processed_ chr13	42369259	42369657	-	0	0
ENSG0000(RPSAP63) processed_ chrX	1.34E+08	1.34E+08	+	0	0
ENSG0000(LINC00264) transcribed chr10	26589865	26594330	+	0	0
ENSG0000(RP11-380F) antisense chr9	84278219	84290131	+	0	0

ENSG0000(AC009518. processed_ chr7	1.32E+08	1.32E+08	-	0	0
ENSG0000(AC006042. processed_ chr7	7980312	7982228	+	0	0
ENSG0000(MICF unprocessε chr6	29852363	29852491	-	0	0
ENSG0000(HMGB1P31 processed_ chr2	54051334	54051760	+	0	0.63
ENSG0000(RP11-558F processed_ chr1	9660828	9662626	-	0	0
ENSG0000(SNRPEP4 processed_ chr19	5576660	5576938	-	0	0
ENSG0000(RP11-12C1 antisense chr1	54980950	54992274	-	0	0
ENSG0000(PNPT1P2 processed_ chr7	1.22E+08	1.22E+08	-	0	0
ENSG0000(AMMECR1 processed_ chr13	96573659	96574499	+	0	0
ENSG0000(AC009238. processed_ chr2	95434759	95435113	+	0	0
ENSG0000(GPX1 protein_co chr3	49357176	49358600	-	243.73	242.11
ENSG0000(LINC01728 lincRNA chr20	43894720	43895468	+	0	0
ENSG0000(RPS26P2 processed_ chr9	30831878	30832225	-	0	0
ENSG0000(MTCYBP10 unprocessε chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(MTND3P1(processed_ chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(AC009362. processed_ chr7	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-760D lincRNA chr7	56534230	56538130	-	0.02	0.05
ENSG0000(RP11-147G lincRNA chr1	82215220	82261133	-	0	0
ENSG0000(RPL7AP61 processed_ chr13	97901653	97902288	+	0	0
ENSG0000(RP11-341B processed_ chr10	89139044	89139458	+	0.2	0
ENSG0000(RP11-410N antisense chr20	32561093	32573888	+	0	0
ENSG0000(FAM90A20 unprocessε chr8	7295014	7298024	+	0	0
ENSG0000(AC092159. antisense chr2	677186	697371	+	0.03	0
ENSG0000(RASA4DP unprocessε chr7	1.03E+08	1.03E+08	-	0.07	0.38
ENSG0000(HIGD1AP4 processed_ chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(EIF4A1P1 processed_ chr21	27367014	27367947	-	0	0
ENSG0000(OR4C14P unprocessε chr11	55537002	55537924	+	0	0
ENSG0000(XXYLT1-AS: antisense chr3	1.95E+08	1.95E+08	+	0	0
ENSG0000(LINC01346 lincRNA chr1	3940565	3955262	+	0	0
ENSG0000(TRGV2 TR_V_gene chr7	38362864	38363518	-	0	0
ENSG0000(AC109815. processed_ chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(OSTN-AS1 antisense chr3	1.91E+08	1.91E+08	-	0	0
ENSG0000(RPS6P12 processed_ chr9	82744067	82744792	-	0	0
ENSG0000(MTCO1P54 processed_ chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(HMGA1P5 processed_ chr10	75276376	75276646	-	0	0
ENSG0000(DSCR10 sense_intrε chr21	38206156	38208644	+	0	0
ENSG0000(RPL31P45 processed_ chr10	22266991	22267346	+	0	0
ENSG0000(PPIAP32 processed_ chr10	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-482E lincRNA chr10	3486894	3502838	-	0	0
ENSG0000(EE1A1P34 processed_ chr20	18782424	18783690	-	0	0
ENSG0000(MIPEPP3 transcribec chr13	21298139	21306373	+	1.35	1.34
ENSG0000(USP32P2 transcribec chr17	18511262	18525930	-	1.79	0.81
ENSG0000(PFN1P1 processed_ chr1	1.72E+08	1.72E+08	-	0	0
ENSG0000(AC068287. processed_ chr2	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP1-12G14 antisense chr6	1.5E+08	1.5E+08	-	0	0

ENSG0000(RP4-799P1 antisense chr1	2.34E+08	2.34E+08	-	0	0
ENSG0000(RNFT1P2 processed_chr1	78170481	78171237	-	0	0
ENSG0000(FAM53B-A antisense chr10	1.25E+08	1.25E+08	+	0.13	0
ENSG0000(AC016696 processed_chr2	46256860	46257177	-	0	0
ENSG0000(RP13-221M lincRNA chr1	13146981	13147460	-	0	0
ENSG0000(UBE2FP3 processed_chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(TLR8-AS1 antisense chrX	12902817	12908333	-	0	0
ENSG0000(AC018878 antisense chr2	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-25C1 antisense chr10	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-235G lincRNA chr6	1.61E+08	1.61E+08	+	0	0
ENSG0000(ATP6V1G1 processed_chr10	35158306	35158640	+	0	0
ENSG0000(ERP29P1 processed_chr20	52110344	52111049	-	0	0
ENSG0000(LINC00333 lincRNA chr13	84562364	84563236	+	0	0
ENSG0000(RP1-69D17 antisense chr6	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP1-300I2 unprocessε chr20	45229817	45230191	+	0	0
ENSG0000(RPS7P9 processed_chr10	80716483	80717068	-	0	0
ENSG0000(LINC00028 lincRNA chr20	31485778	31487574	+	0	0
ENSG0000(CHRM3-AS antisense chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(RPL30P15 processed_chrX	13574746	13575066	+	0	0
ENSG0000(RP1-209A6 lincRNA chr6	22744395	23031780	-	0	0
ENSG0000(RP11-202K lincRNA chr1	1.02E+08	1.02E+08	-	0	0
ENSG0000(Z83844.1 antisense chr22	37641832	37658377	-	0	0
ENSG0000(AC006019 antisense chr7	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP4-655C5 lincRNA chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(ZNF90P2 processed_chr6	28888832	28889906	-	0	0
ENSG0000(RP11-307L antisense chr9	6415145	6449558	-	0	0
ENSG0000(GTF2IP4 transcribec chr7	73154938	73207283	+	33.79	35.62
ENSG0000(AC092664 processed_chr2	1.1E+08	1.1E+08	+	0.11	0
ENSG0000(RP5-893G2 lincRNA chr1	30140263	30141607	+	0	0
ENSG0000(RP5-881L2 antisense chr20	44389624	44391537	-	0	0
ENSG0000(MTND4P2 processed_chr10	94940253	94941121	-	0	0
ENSG0000(USP9YP34 unprocessε chrY	17984349	17993260	+	0	0
ENSG0000(RP11-318G lincRNA chr13	77939162	77944874	-	0	0
ENSG0000(RPS2P48 processed_chr17	53756989	53757870	-	0	0
ENSG0000(AK4P3 processed_chr12	31615771	31616439	-	0	0
ENSG0000(NKAPP1 transcribec chrX	1.2E+08	1.2E+08	-	1.26	0.67
ENSG0000(RP11-324F processed_chr7	67089257	67089470	-	0	0
ENSG0000(RP11-100E bidirection chr1	2.25E+08	2.25E+08	-	0.49	0.11
ENSG0000(MTCO3P8 unprocessε chr7	64106065	64106819	-	0	0
ENSG0000(RP11-342D lincRNA chr10	33096257	33116672	-	0	0
ENSG0000(RP4-569D1 processed_chr22	35501861	35503586	-	0.13	0.04
ENSG0000(AC104809 processed_chr2	2.41E+08	2.41E+08	-	0.02	0
ENSG0000(AP000688 lincRNA chr21	36104881	36109690	+	0	0
ENSG0000(LINC00841 lincRNA chr10	43939003	43944466	+	0	0
ENSG0000(LINC01719 lincRNA chr1	1.46E+08	1.46E+08	+	1.38	1.23

ENSG0000(AC008063. lincRNA	chr2	1.62E+08	1.62E+08	+	0.78	0.24
ENSG0000(LINC01648 lincRNA	chr1	30013952	30037612	-	0	0
ENSG0000(PRKAR1AP processed_	chr1	92125301	92126462	+	0	0
ENSG0000(TARDBPP1 processed_	chr20	6200989	6202191	-	0	0
ENSG0000(RP11-86A5 lincRNA	chrX	25878339	25893544	+	0.13	0.72
ENSG0000(LINC01046 lincRNA	chr13	21234568	21235204	+	0	0.68
ENSG0000(RP11-296A processed_	chr1	51250603	51251472	-	0	0
ENSG0000(RP11-567C antisense	chr1	50206084	50223127	-	0	0
ENSG0000(LA16c-23H antisense	chr22	15557577	15560694	-	0	0
ENSG0000(FANK1-AS1 antisense	chr10	1.26E+08	1.26E+08	-	0	0
ENSG0000(LINC01222 lincRNA	chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000(RP11-104L sense_intr	chr1	1.67E+08	1.67E+08	-	0	0
ENSG0000(OR5H15 protein_co	chr3	98168700	98169733	+	0	0
ENSG0000(RP11-101E lincRNA	chr20	40031585	40043889	+	0	0
ENSG0000(AC012065. processed_	chr2	20606280	20606654	-	0	0
ENSG0000(RP4-742N3 lincRNA	chr7	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP4-781L3. processed_	chr1	25125053	25125454	-	0	0
ENSG0000(AC002127. lincRNA	chr7	88710631	88756725	+	0	0
ENSG0000(LINC01783 lincRNA	chr1	16533886	16536172	-	0	0
ENSG0000(RP4-736H5 lincRNA	chr7	67691058	67697029	-	0	0
ENSG0000(RP11-175I6 lincRNA	chr9	42707800	42714539	+	0	0
ENSG0000(KRT18P67 processed_	chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(EIF3FP3 processed_	chr2	58251440	58252525	+	0.85	1.59
ENSG0000(RP1-212P9 antisense	chr1	28870483	28877336	-	0.11	0.06
ENSG0000(AC019050. processed_	chr2	1.29E+08	1.29E+08	+	0	0
ENSG0000(HOTAIRM1 antisense	chr7	27095647	27100265	+	0.41	0
ENSG0000(RP11-403I1 unprocess	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-63N8 antisense	chr1	21586472	21591187	+	0	0
ENSG0000(RP11-344P processed_	chr1	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP1-296G1 processed_	chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(AGGF1P2 processed_	chr10	1.34E+08	1.34E+08	+	0.21	0.26
ENSG0000(BTBD18 protein_co	chr11	57743514	57751781	-	0	0
ENSG0000(RP13-580B transcribec	chr7	56875385	56882146	-	0	0
ENSG0000(HMGA1P6 processed_	chr13	23134174	23134564	+	0	0
ENSG0000(CYP2AB1P transcribec	chr3	1.84E+08	1.84E+08	-	0	0
ENSG0000(PPP6R2P1 unprocess	chr21	14007134	14014880	+	0	0
ENSG0000(AC013262. processed_	chr2	81666477	81666728	-	0	0
ENSG0000(RPL17P11 processed_	chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(XXyac-YR1: processed_	chrX	81600072	81601306	+	0	0
ENSG0000(AC103563. unprocess	chr2	94974544	94974838	-	0	0
ENSG0000(PMS2P9 transcribec	chr7	77039944	77043776	+	0.11	0
ENSG0000(MTATP6P1 processed_	chr1	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-301N sense_ovei	chr10	22361172	22413067	+	0	0
ENSG0000(STXBP5-AS antisense	chr6	1.47E+08	1.47E+08	-	3.04	2.32
ENSG0000(RP11-196D unprocess	chr7	63057453	63060084	+	0	0

ENSG0000(RP4-667H1 processed_ chr1	2.1E+08	2.1E+08	+	0	0
ENSG0000(LINC01077 lincRNA chr13	48570639	48573317	-	0	0
ENSG0000(RP11-336N processed_ chr9	78150532	78151193	-	0	0
ENSG0000(AC125238. processed_ chr2	2.04E+08	2.04E+08	-	0	0
ENSG0000(RPL35AP31 processed_ chr13	71845981	71846317	+	0	0
ENSG0000(RP11-295G antisense chr1	2.32E+08	2.32E+08	-	3.68	2.59
ENSG0000(NANOGP11 antisense chr6	1.53E+08	1.53E+08	+	0	0
ENSG0000(U40455.1 processed_ chrX	1.48E+08	1.48E+08	-	0	0
ENSG0000(ST6GALNA1 processed_ chr13	19818121	19818619	-	0.15	0.17
ENSG0000(RP11-524K lincRNA chr6	50514035	50521104	+	0	0
ENSG0000(KRT18P62 processed_ chr22	19257520	19258806	+	0	0
ENSG0000(RP11-218D lincRNA chr10	27999788	28049615	+	0	0
ENSG0000(RAD1P2 processed_ chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(EEF1A1P6 processed_ chr7	22510616	22511999	-	1.28	0.98
ENSG0000(RP11-45P2 processed_ chr10	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP1-187B2 antisense chr1	25644544	25659111	-	0	0
ENSG0000(AC017074. lincRNA chr2	1.14E+08	1.14E+08	+	0	0
ENSG0000(LINC01683 lincRNA chr21	19893279	19899755	-	0	0
ENSG0000(RP11-78O9 antisense chr1	94145111	94145619	+	0	0
ENSG0000(CTD-2020K antisense chr17	45245186	45248836	-	0	0.24
ENSG0000(RP11-74B2 transcribed chrX	84403898	84404024	-	0	0
ENSG0000(RP3-467K1 antisense chr1	15326680	15343876	-	0	0
ENSG0000(RPSAP69 transcribed chr3	1.97E+08	1.97E+08	-	0	0
ENSG0000(PAXBP1P1 processed_ chr7	1.53E+08	1.53E+08	+	0	0
ENSG0000(AC010091. transcribed chr7	81489204	81691406	-	0.19	0.12
ENSG0000(RP5-984P4 lincRNA chr20	21530202	21530744	+	0	0
ENSG0000(TMEM238 protein_co chr19	55379245	55384598	-	0.24	0.54
ENSG0000(AC009963. processed_ chr2	1.08E+08	1.08E+08	-	0	0
ENSG0000(SYNJ2-IT1 sense_intr chr6	1.58E+08	1.58E+08	+	0	0
ENSG0000(HNRNPA1P1 processed_ chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(OR5B1P unprocessed chr11	58365836	58366763	-	0	0
ENSG0000(AC104794. lincRNA chr2	10083781	10086101	+	0	0
ENSG0000(HNRNPLP1 processed_ chr6	7481094	7482594	-	0	0
ENSG0000(RP1-269M: lincRNA chr20	43190101	43202599	+	0	0
ENSG0000(ZNF197-AS antisense chr3	44617128	44624797	-	0	0
ENSG0000(RP1-128O3 processed_ chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-570P processed_ chr1	44122153	44122512	-	0	0
ENSG0000(LINC01518 lincRNA chr10	42674197	42691723	-	0	0
ENSG0000(RP11-388N lincRNA chr9	1.17E+08	1.17E+08	-	0	0
ENSG0000(AC005162. antisense chr7	28987028	28988899	+	0	0
ENSG0000(RPL7P35 processed_ chr10	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-177F antisense chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(LINC01638 lincRNA chr22	27221349	27224727	-	7.05	4.67
ENSG0000(FAM224A lincRNA chrY	18326253	18353210	+	0.03	0
ENSG0000(PHBP5 processed_ chr7	73187969	73188736	-	0	0

ENSG0000(RANP8	processed_ chr13	20747035	20748057	-	0	0
ENSG0000(RFC5P1	processed_ chr9	77072100	77073295	+	0	0
ENSG0000(ZNF529-AS	antisense_ chr19	36573070	36594708	+	2.66	1.24
ENSG0000(LINC00430	lincRNA_ chr13	86909586	86937108	+	0	0
ENSG0000(HCG21	antisense_ chr6	30945979	30954862	-	0	0
ENSG0000(DEFA10P	unprocessε chr8	6968141	6969113	-	0	0
ENSG0000(LINC00460	lincRNA_ chr13	1.06E+08	1.06E+08	+	0	0
ENSG0000(MKNK2P1	processed_ chr10	36944111	36944738	-	0	0
ENSG0000(RP1-38C16	lincRNA_ chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP1-122K4	lincRNA_ chrX	13955393	13963904	+	0	0
ENSG0000(RP11-867G	lincRNA_ chr11	94638038	94640833	+	0	0
ENSG0000(TEDDM2P	unitary_psι chr1	1.82E+08	1.82E+08	+	0	0
ENSG0000(AC017104.	lincRNA_ chr2	2.31E+08	2.31E+08	+	0.13	0.14
ENSG0000(AC011294.	lincRNA_ chr7	46673785	46759851	-	0.07	0.03
ENSG0000(DNM3-IT1	sense_intrε chr1	1.72E+08	1.72E+08	+	0	0
ENSG0000(RPL31P47	processed_ chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-547D	antisense_ chr1	2013213	2015530	-	0	0
ENSG0000(CHTF8P1	processed_ chrX	44633692	44635232	+	0	0
ENSG0000(EIF3KP2	processed_ chr3	24555834	24556459	+	0	0
ENSG0000(CYCSP33	processed_ chr13	24400703	24401029	+	0	0
ENSG0000(PRYP5	unprocessε chrY	18529358	18529623	+	0	0
ENSG0000(RP11-57H1	antisense_ chr10	1.13E+08	1.13E+08	-	0.17	0.19
ENSG0000(CYCSP44	processed_ chrX	1.45E+08	1.45E+08	+	0	0
ENSG0000(CYCSP35	processed_ chr13	98629686	98629989	-	0	0
ENSG0000(MTCYBP8	unprocessε chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(LSM1P1	processed_ chr9	16775573	16775845	-	0	0
ENSG0000(AC108462.	antisense_ chr2	1341044	1346568	-	0	0
ENSG0000(B4GALT1-A	antisense_ chr9	33166975	33179983	+	1.4	1.07
ENSG0000(RP11-452D	processed_ chr9	63581254	63581834	-	0	0
ENSG0000(NFU1P2	processed_ chr1	98077000	98077468	+	0	0
ENSG0000(RP3-486I3.	processed_ chr6	1.16E+08	1.16E+08	-	0	0
ENSG0000(LINC00513	lincRNA_ chr7	1.31E+08	1.31E+08	+	0.07	0.12
ENSG0000(KRT8P39	processed_ chr12	68705634	68707066	+	0	0.04
ENSG0000(RP11-548N	processed_ chr1	1.83E+08	1.83E+08	+	0	0
ENSG0000(OR52E7P	unprocessε chr11	5873960	5874892	+	0	0
ENSG0000(RP11-42D2	processed_ chr3	1.87E+08	1.87E+08	-	0	0
ENSG0000(RP11-500B	lincRNA_ chr9	1.18E+08	1.18E+08	+	0	0
ENSG0000(LINC00690	lincRNA_ chr3	16536320	16541373	+	0	0
ENSG0000(RP11-545D	lincRNA_ chrX	34206725	34415537	-	0	0
ENSG0000(CTA-929C8	lincRNA_ chr22	27276240	27286349	+	0	0
ENSG0000(RP11-459D	processed_ chr9	1328664	1328987	+	0	0
ENSG0000(RP11-778D	unprocessε chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(RP3-462D8	lincRNA_ chr22	25279529	25282674	-	0	0
ENSG0000(EIF4EP1	processed_ chr20	5548840	5549481	+	0	0
ENSG0000(KRT8P15	processed_ chr2	2.03E+08	2.03E+08	-	0	0

ENSG0000(AC069155. antisense	chr2	2.16E+08	2.16E+08	+	0	0
ENSG0000(RP4-635A2 processed_	chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(AC115617. processed_	chrX	48775993	48776970	-	0.06	0
ENSG0000(RP11-763B processed_	chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(LINC01884 lincRNA	chr2	22536479	22538288	+	0	0
ENSG0000(CYP51A1P2 processed_	chr13	28722386	28724021	-	0.04	0
ENSG0000(RP4-694A7 antisense	chr1	68479129	68483539	+	0	0
ENSG0000(RP11-153K lincRNA	chr10	68233251	68242379	-	0	0
ENSG0000(RP4-665J2: processed_	chr1	90782983	90851657	-	0.77	1.62
ENSG0000(BTF3P5 processed_	chr2	55435156	55435622	-	0	0
ENSG0000(MTND2P2 processed_	chr1	50017092	50017503	+	0	0
ENSG0000(RP11-343B processed_	chr3	1.42E+08	1.42E+08	-	0.12	0
ENSG0000(NCOR1P3 unprocessε	chr7	57599794	57610104	+	0	0
ENSG0000(ERI3-IT1 sense_intrε	chr1	44243408	44244273	-	0.22	0.61
ENSG0000(JTBP1 processed_	chr22	40798039	40798285	+	0	0
ENSG0000(LINC01851 lincRNA	chr2	77915934	77918011	+	0	0
ENSG0000(OR6C66P unprocessε	chr12	55388445	55389374	+	0	0
ENSG0000(LINC01392 lincRNA	chr7	1.15E+08	1.15E+08	-	0	0
ENSG0000(TWIST2 protein_co	chr2	2.39E+08	2.39E+08	+	20.8	22.35
ENSG0000(RPL10P19 transcribec	chr8	8961200	8979025	+	0	0
ENSG0000(LINC00462 lincRNA	chr13	48576974	48578088	-	0	0.07
ENSG0000(AC079135. antisense	chr2	2.36E+08	2.36E+08	+	0	0
ENSG0000(DCUN1D2- antisense	chr13	1.13E+08	1.13E+08	+	0	0
ENSG0000(DDX11L10 transcribec	chr16	11555	14090	+	0	0
ENSG0000(HNRNPA1P processed_	chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(RP11-542K lincRNA	chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(AC006328. processed_	chrY	25487284	25487662	-	0	0
ENSG0000(RP11-22M: antisense	chr1	2.16E+08	2.16E+08	+	0	0
ENSG0000(LINC01137 antisense	chr1	37454879	37474411	-	1.66	2.24
ENSG0000(CYP2T1P unitary_psε	chr19	40808525	40811390	-	0.14	0.05
ENSG0000(PGAM1P1 processed_	chr1	10058671	10059648	+	0	0
ENSG0000(RP5-905G1 lincRNA	chr20	17887363	17888160	-	0	0
ENSG0000(RP11-565J: processed_	chr1	2.12E+08	2.12E+08	+	0	0
ENSG0000(C4A-AS1 antisense	chr6	31999976	32003521	-	0	0.01
ENSG0000(RP1-302D9 processed_	chr22	33137140	33137338	+	0	0
ENSG0000(AC093326. lincRNA	chr2	558204	578145	+	0	0
ENSG0000(GOT2P5 processed_	chrY	6837707	6838252	+	0	0
ENSG0000(AC037445. antisense	chr17	63193930	63339053	-	0	0
ENSG0000(LINC01158 processed_	chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(KRTAP13-5 unprocessε	chr21	30436466	30436964	-	0	0
ENSG0000(GPR158-AS antisense	chr10	25158072	25176276	-	0	0
ENSG0000(RP11-491H lincRNA	chr10	61781745	61821246	-	0	0
ENSG0000(ARHGEF7-l sense_intrε	chr13	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-431K lincRNA	chr1	8218190	8220529	-	0	0
ENSG0000(OR52T1P unprocessε	chr11	5566678	5567616	-	0	0

ENSG0000(NENFP1 processed_chr1	46665910	46666375	-	0	0
ENSG0000(AC010095. processed_chr2	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-111F lincRNA chr9	62387171	62394004	-	0	0
ENSG0000(CICP1 processed_chrY	25388992	25391811	+	0	0
ENSG0000(CICP7 processed_chr1	487101	489906	+	0	0
ENSG0000(AC093388. antisense chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(IGHD4-4 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-716C lincRNA chr6	11417350	11481239	+	0	0
ENSG0000(NDUFA5P4 processed_chr9	35874810	35875194	-	0	0
ENSG0000(SPIN4-AS1 antisense chrX	63349646	63352178	+	0	0
ENSG0000(CALM2P4 processed_chr13	98640814	98641239	-	0	0
ENSG0000(RP11-497J. processed_chrX	35710911	35711942	+	0	0
ENSG0000(NDUFS5P3 processed_chr1	52709122	52709442	+	0	0
ENSG0000(RP11-523C processed_chr10	48976554	48993046	-	0.14	0.35
ENSG0000(RP11-571F processed_chr9	34223984	34224628	-	0	0
ENSG0000(PIRT protein_co chr17	10822475	10838445	-	0	0
ENSG0000(AC083899. processed_chr2	87221113	87222488	-	0.04	0
ENSG0000(RNASEH2B antisense chr13	50862172	50910764	-	0.05	0.28
ENSG0000(ANAPC1P1 transcribed chr2	86861825	86922693	+	0	0
ENSG0000(RP11-184I processed_chr1	43743471	43743741	+	0	0
ENSG0000(FDPSP6 processed_chr21	20388334	20388845	+	0	0
ENSG0000(DDX39BP1 unprocessε chr6	29906543	29906909	+	0	0
ENSG0000(HNRNPA1F processed_chrX	1.01E+08	1.01E+08	-	0.06	0
ENSG0000(CEACAMP1 unprocessε chr19	42620212	42633034	-	0	0
ENSG0000(RP11-13P5 antisense chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP5-1106H processed_chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(LINC01865 lincRNA chr2	317912	342118	+	0	0
ENSG0000(OR6L1P unprocessε chr10	1.34E+08	1.34E+08	-	0	0
ENSG0000(PIEZO1P1 processed_chr20	59460619	59460837	-	0	0
ENSG0000(CTD-2183H processed_chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-123C lincRNA chr7	69040152	69046803	+	0	0
ENSG0000(EBAG9P1 processed_chr10	99697407	99697949	-	0.13	0.44
ENSG0000(RP11-312J. processed_chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-506C antisense chr1	1.65E+08	1.65E+08	-	0	0
ENSG0000(AC007365. lincRNA chr2	64606975	64616482	+	0	0
ENSG0000(GAS6-AS1 antisense chr13	1.14E+08	1.14E+08	+	1.56	1.59
ENSG0000(TTTY18 lincRNA chrY	8683370	8683878	-	0	0
ENSG0000(PRR23C protein_co chr3	1.39E+08	1.39E+08	-	0.02	0
ENSG0000(AC107083. processed_chr2	62507545	62507823	-	0	0
ENSG0000(RP11-20E2 processed_chr10	80749632	80751231	-	0	0
ENSG0000(SLC26A4-A antisense chr7	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP5-1087E antisense chr1	2.27E+08	2.27E+08	+	0	0
ENSG0000(RPL22P11 processed_chr2	1.1E+08	1.1E+08	-	0	0.5
ENSG0000(RP11-342N processed_chr1	42886597	42888767	-	0	0
ENSG0000(MTND4P2ε processed_chr2	1.55E+08	1.55E+08	+	0	0

ENSG0000(RP4-808O4)processed_chrX	67533163	67533987	+	0	0
ENSG0000(EIF4EBP2P)processed_chr20	43423196	43423538	-	0	0
ENSG0000(RP4-801G2)unprocessε_chr1	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-379P)processed_chr9	86132622	86132851	+	0	0
ENSG0000(AC012506)lincRNA_chr2	23347654	23351864	+	0	0
ENSG0000(AC074367)processed_chr2	63232453	63233577	-	0	0
ENSG0000(RPS29P29)processed_chr1	1.51E+08	1.51E+08	-	0	0
ENSG0000(MYC NOS)protein_co_chr2	15939898	15941723	-	0	0
ENSG0000(GOT2P3)transcribec_chr12	9641723	9643011	+	0	0
ENSG0000(LL22NC03-)unprocessε_chr22	22157382	22157631	+	0	0
ENSG0000(RP11-205K)lincRNA_chr9	1.27E+08	1.27E+08	+	0	0
ENSG0000(LINC01122)lincRNA_chr2	58427799	59063766	+	0	0
ENSG0000(RP11-252C)processed_chr10	65248032	65248792	-	0	0
ENSG0000(LINC00284)lincRNA_chr13	43908669	44030461	+	0	0
ENSG0000(RP11-380I2)processed_chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-109P)antisense_chr1	37799720	37800879	-	0	0
ENSG0000(AC016909)antisense_chr2	1.33E+08	1.33E+08	+	0	0
ENSG0000(LINC01765)lincRNA_chr1	1.15E+08	1.15E+08	+	0	0
ENSG0000(IGHV3OR1)IG_V_gene_chr16	32995048	32995505	+	0	0
ENSG0000(H2AFZP6)processed_chr22	31521199	31521592	-	0	0
ENSG0000(RP11-567G)antisense_chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(RP11-573M)processed_chr11	93221486	93221630	-	0	0
ENSG0000(RP5-1039K)antisense_chr22	38057180	38073940	-	0	0
ENSG0000(CICP2)processed_chrY	24278337	24281140	-	0	0
ENSG0000(AC016691)processed_chr2	1.2E+08	1.2E+08	-	0	0
ENSG0000(LINC00656)lincRNA_chr20	23125068	23132621	-	0	0
ENSG0000(RPL36AP13)processed_chr2	24334512	24335152	+	0	0
ENSG0000(CICP27)processed_chr1	131025	134836	+	0.01	0
ENSG0000(AC104772)processed_chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(AC009414)processed_chr2	36299388	36299830	-	0	0
ENSG0000(AP001628)lincRNA_chr21	42781074	42782229	-	0	0
ENSG0000(RP4-799D1)lincRNA_chr1	25043707	25113120	-	0	0
ENSG0000(DSCAM-IT1)sense_intrε_chr21	40615378	40630767	-	0	0
ENSG0000(AC092835)protein_co_chr2	95207535	95259774	+	0.66	0.71
ENSG0000(AC004947)lincRNA_chr7	26551822	26557200	+	0	0
ENSG0000(AC007969)processed_chr2	1.72E+08	1.72E+08	-	0.4	0.43
ENSG0000(MTCO1P2C)processed_chr22	36172422	36172779	+	0	0
ENSG0000(RP11-154P)unprocessε_chr9	66253424	66254464	-	0	0.12
ENSG0000(AC098617)antisense_chr2	1.92E+08	1.92E+08	+	0.15	0.11
ENSG0000(PSMA6P3)processed_chr21	46072085	46072248	-	0	0
ENSG0000(CICP5)unprocessε_chr1	2.24E+08	2.24E+08	+	0	0
ENSG0000(MED14P1)unprocessε_chrY	12618983	12634402	-	0	0
ENSG0000(RP4-811H2)lincRNA_chr1	32349194	32350663	-	0.19	0.11
ENSG0000(LINC01251)antisense_chr9	33732975	33738416	-	0	0
ENSG0000(RP11-777J)processed_chr8	92144088	92144435	-	0	0

ENSG0000(HNRNPA1P transcribed chr13	20938564	20949599	-	0.06	0
ENSG0000(ZNF90P3 processed_chr7	63087070	63088261	-	0	0
ENSG0000(AP001442. processed_chr21	25928754	25942686	+	0.13	0
ENSG0000(RP13-314C antisense chrX	23772992	23782956	-	0	0.11
ENSG0000(CDC27P1 processed_chr2	1.32E+08	1.32E+08	+	0.4	0
ENSG0000(CTD-2057J processed_chr5	29881709	29882945	-	0	0
ENSG0000(LINC01136 lincRNA chr1	2.03E+08	2.03E+08	-	0	0.02
ENSG0000(PUDPP2 transcribed chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(UFL1-AS1 antisense chr6	96358374	96521669	-	0	0
ENSG0000(AC139887. antisense chr4	764487	765074	-	0	0
ENSG0000(TRIM49D2 protein_co chr11	89924064	89933063	+	0	0
ENSG0000(TSPY4 protein_co chrY	9337464	9340284	+	0	0
ENSG0000(RP11-449J processed_chr10	53766400	53766614	+	0	0
ENSG0000(LINC01237 processed_chr2	2.42E+08	2.42E+08	+	0.45	0
ENSG0000(RP11-268G processed_chrX	27218131	27218678	-	0	0
ENSG0000(MOB1AP2 processed_chrX	37291168	37292227	+	0	0
ENSG0000(RP11-66C2 processed_chr9	76419934	76420631	+	0	0
ENSG0000(IFNA13 protein_co chr9	21367424	21368962	-	0	0
ENSG0000(RP11-168K lincRNA chr9	1.14E+08	1.14E+08	+	0	0.04
ENSG0000(AP000695. antisense chr21	36445731	36532408	+	1.57	0.65
ENSG0000(RP1-43O17 unprocessed chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP11-535M transcribed chr9	96725890	96727469	+	0	0
ENSG0000(ENOX1-AS1 lincRNA chr13	43543918	43548056	+	0	0
ENSG0000(HIST1H2BM protein_co chr6	27837760	27865798	+	0.26	0.2
ENSG0000(RP3-443C4 antisense chr6	1.52E+08	1.52E+08	-	0	0
ENSG0000(AC003985. lincRNA chr7	25321302	25326815	-	0	0
ENSG0000(RP11-135A antisense chr10	32346499	32347179	+	0	0
ENSG0000(FAM58BP processed_chr1	2E+08	2E+08	+	0	0
ENSG0000(LINC01949 lincRNA chr5	87205408	87240145	-	0.19	0.2
ENSG0000(AC017078. processed_chr2	46003942	46004309	-	0	0
ENSG0000(EIF4HP1 processed_chr7	27458163	27458849	-	0	0
ENSG0000(RP11-96F8 processed_chr10	38783004	38783108	+	0	0
ENSG0000(ETF1P3 processed_chrX	65794345	65795835	+	0	0
ENSG0000(AC005083. processed_chr7	20217577	20221700	+	0	0
ENSG0000(RP1-92C4.2 lincRNA chr6	79871873	79874610	+	0	0
ENSG0000(RP11-255H transcribed chr19	23762944	23833314	+	0	0
ENSG0000(EIF3LP2 processed_chr10	42566677	42567483	+	0	0
ENSG0000(DPH3P1 processed_chr20	62845664	62845912	+	0	0
ENSG0000(RP11-389C processed_chr1	1.13E+08	1.13E+08	+	0	0
ENSG0000(PCDH9-AS4 antisense chr13	66990886	67002007	+	0	0
ENSG0000(AC062031. lincRNA chr2	1.46E+08	1.46E+08	+	0	0
ENSG0000(CYCSP48 processed_chrY	26400611	26401230	+	0	0
ENSG0000(KCNQ5-IT1 sense_intronic chr6	72630495	72678558	+	0	0
ENSG0000(AC093732. antisense chr2	47035279	47040524	-	0	0
ENSG0000(RP11-307L processed_chr9	6278667	6279153	+	0	0

ENSG0000(AC104113. antisense	chr5	60917490	60919573	+	0	0
ENSG0000(RP3-348I23 antisense	chr6	20756103	20800694	-	0	0
ENSG0000(AC022201. antisense	chr2	70301451	70302072	+	0	1.29
ENSG0000(AC103563. antisense	chr2	95025193	95026709	-	0	0
ENSG0000(LATS2-AS1 antisense	chr13	21005157	21018122	+	0	0
ENSG0000(AC005304. lincRNA	chr17	13932720	13940594	-	0	0
ENSG0000(POU6F2-AS antisense	chr7	38984243	39013551	-	0	0
ENSG0000(AC026904. lincRNA	chr8	48590401	48594621	+	0.03	0
ENSG0000(ADH5P4 processed_	chr6	65836930	65838039	-	0.05	0.12
ENSG0000(RP11-359D antisense	chr4	76756960	76758474	-	0.13	0
ENSG0000(MGAT2P1 processed_	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(AC016907. antisense	chr2	30051066	30143804	-	0.2	0.2
ENSG0000(TTTY15 lincRNA	chrY	12662334	12692233	+	4.23	4.15
ENSG0000(LA16c-4G1 lincRNA	chr22	15914721	15915800	-	0	0
ENSG0000(SLC9B1P3 unprocessε	chr10	38640971	38689068	-	0	0
ENSG0000(AC009302. processed_	chr2	2.22E+08	2.22E+08	+	0	0
ENSG0000(RPSAP27 processed_	chr2	2.08E+08	2.08E+08	+	0	0
ENSG0000(AC007881. unprocessε	chr2	71178587	71178773	+	0	0
ENSG0000(DLG5-AS1 processed_	chr10	77927372	77929824	+	0.96	0.45
ENSG0000(AC005033. processed_	chr2	74618856	74620979	-	0	0
ENSG0000(RPL7P44 processed_	chr13	76981175	76981916	-	0	0
ENSG0000(RP1-136J1 processed_	chrX	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-61L1. antisense	chr1	1.55E+08	1.55E+08	-	0	0
ENSG0000(GAPDHP68 processed_	chr7	9614978	9615985	+	0	0
ENSG0000(RP11-182I1 processed_	chr1	64941979	64942365	+	0	0
ENSG0000(AC073133. lincRNA	chr7	1.56E+08	1.56E+08	-	0	0
ENSG0000(RP11-497J processed_	chrX	35761499	35762479	+	0	0
ENSG0000(LINC01680 lincRNA	chr1	1.91E+08	1.91E+08	-	0	0
ENSG0000(XXyac-YM2 antisense	chr9	87848113	87853442	-	0	0
ENSG0000(YEATS2-AS antisense	chr3	1.84E+08	1.84E+08	-	0.07	0.21
ENSG0000(ERVWE2 processed_	chrX	97847263	97849017	+	0	0
ENSG0000(MTCO2P17 unprocessε	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(AC007131. lincRNA	chr2	59238714	59733396	-	0	0
ENSG0000(PAIP1P1 processed_	chr6	30186798	30188614	-	0.1	0.22
ENSG0000(EZR-AS1 antisense	chr6	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP4-650F1 antisense	chr1	74468195	74469543	+	0	0
ENSG0000(RP1-122P2 lincRNA	chr20	19757708	19809675	+	6.77	4.51
ENSG0000(RP4-684O2 antisense	chr20	1947246	2007517	+	0	0
ENSG0000(RPL17P35 processed_	chr10	64620374	64620922	-	0	0
ENSG0000(LINC01503 lincRNA	chr9	1.29E+08	1.29E+08	+	8.86	10.25
ENSG0000(XXbac-BPG unprocessε	chr6	31462728	31463336	-	0	0.13
ENSG0000(Z83851.4 lincRNA	chr22	42276355	42277052	+	0.8	0.15
ENSG0000(LONRF2P2 processed_	chr13	18609132	18609702	+	0	0
ENSG0000(RP11-315I1 lincRNA	chr9	23671788	23672399	-	0	0
ENSG0000(LINC01761 lincRNA	chr1	95474737	95479356	+	0.1	0.13

ENSG0000(RP11-425D processed_ chr6	1.09E+08	1.09E+08 +	0	0
ENSG0000(UBE2V1P4 processed_ chr9	1.3E+08	1.3E+08 +	0	0
ENSG0000(GTF2F2P2 processed_ chr1	40593633	40594353 -	0	0
ENSG0000(AC026202. antisense_ chr3	5156905	5187329 -	0.1	0
ENSG0000(RPL10P9 processed_ chr5	1.69E+08	1.69E+08 +	0	0.12
ENSG0000(UBE2Q2P1 processed_ chr8	86660525	86661922 -	0	0
ENSG0000(ZDHHC20P processed_ chr6	29708125	29708547 -	0	0
ENSG0000(POTEB protein_co chr15	21846329	21877703 -	0	0
ENSG0000(RP11-715L processed_ chr7	62275361	62275678 -	0	0
ENSG0000(RP11-372H lincRNA_ chr3	41162287	41168547 -	0	0
ENSG0000(RP5-1061H antisense_ chr1	2.29E+08	2.29E+08 -	0	0
ENSG0000(RPS15AP4C processed_ chrX	36374793	36375183 -	0	0
ENSG0000(LINC01694 lincRNA_ chr21	45593654	45603056 +	0.07	0.03
ENSG0000(RPSAP13 processed_ chr14	55004813	55005687 -	0	0
ENSG0000(RP11-154D lincRNA_ chr9	81689713	81776900 +	0	0
ENSG0000(RPS28 protein_co chr19	8321158	8323340 +	766.12	791.01
ENSG0000(RP11-305F lincRNA_ chrX	33726508	33942280 +	0	0
ENSG0000(MT1XP1 processed_ chr1	16241213	16241398 -	0	0
ENSG0000(KRTAP5-AS antisense_ chr11	1571353	1599184 +	0	0
ENSG0000(CTXN2 protein_co chr15	48191539	48203756 +	0	0
ENSG0000(RP11-63P1 processed_ chr9	72275453	72275973 +	0	0.43
ENSG0000(RPL21P38 processed_ chr2	1.72E+08	1.72E+08 +	0	0
ENSG0000(RP11-399H lincRNA_ chr9	1.35E+08	1.35E+08 -	0	0
ENSG0000(CTC-338M: processed_ chr5	1.81E+08	1.81E+08 +	5.36	5.22
ENSG0000(AC114755. processed_ chr2	1.06E+08	1.06E+08 +	0	0
ENSG0000(RPL12P45 processed_ chr1	35053468	35059271 +	0	0
ENSG0000(RP11-404H antisense_ chr6	1.06E+08	1.06E+08 -	0	0
ENSG0000(AC004012. lincRNA_ chr7	95471835	95473998 +	0	0
ENSG0000(AC114973. processed_ chr5	56975593	56976224 -	0	0
ENSG0000(LINC00265 processed_ chrY	25393154	25394056 -	0	0
ENSG0000(RP11-344L. lincRNA_ chr10	83672406	83675439 -	0	0
ENSG0000(RPS29P4 processed_ chr1	1.75E+08	1.75E+08 +	0	0
ENSG0000(RP11-336N processed_ chr9	78178263	78179512 +	0	0
ENSG0000(RCC2P3 processed_ chr7	1.38E+08	1.38E+08 +	0	0
ENSG0000(FTLP15 processed_ chr7	45997540	45998071 -	0	0
ENSG0000(AC009970. antisense_ chr2	60495686	60499964 +	0	0
ENSG0000(UQCRHL protein_co chr1	15807169	15809348 -	0.05	0.29
ENSG0000(AHCYP3 processed_ chr2	1.04E+08	1.04E+08 -	0	0
ENSG0000(BTF3P6 processed_ chr21	33518610	33519108 -	0.3	0
ENSG0000(RP11-153N lincRNA_ chr7	52165235	52192913 -	0	0
ENSG0000(RP11-368N unprocessε chr7	57652736	57653459 -	0	0
ENSG0000(ATP8A2P3 unprocessε chr13	26094724	26154175 -	0	0
ENSG0000(UBE2SP1 processed_ chr17	15704232	15704900 -	0	0
ENSG0000(RP11-250B lincRNA_ chr6	80443344	80465927 +	0.89	1.62
ENSG0000(RP11-354E antisense_ chr10	19710328	19728550 -	0	0

ENSG0000(RP5-1006K lincRNA chr7	1.2E+08	1.2E+08	+	0	0
ENSG0000(AC092159. antisense chr2	692083	693235	-	0	0
ENSG0000(RPS20P10 processed_ chr2	71984182	71984434	-	0	0
ENSG0000(LINC01360 lincRNA chr1	73306170	73355253	+	0	0
ENSG0000(RP11-823P processed_ chr5	21481327	21484011	-	0	0
ENSG0000(RP11-288L lincRNA chr1	27660328	27662722	-	0	0
ENSG0000(RP11-310H lincRNA chr7	55592074	55593193	+	0	0
ENSG0000(AC016735. lincRNA chr2	43041193	43043782	-	0	0
ENSG0000(AC002553. processed_ chr17	16084042	16084381	+	0	0
ENSG0000(FDPSP2 processed_ chr7	76470162	76471058	-	0	0
ENSG0000(RP3-380E1 lincRNA chr6	14004920	14006901	+	0	0
ENSG0000(RP4-735N2 processed_ chr1	99464378	99464776	+	0	0
ENSG0000(RPSAP14 processed_ chrX	74031462	74031820	+	0.26	0
ENSG0000(LINC01681 lincRNA chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(AC106706. lincRNA chr3	1.95E+08	1.95E+08	+	0	0
ENSG0000(RP11-401E processed_ chr10	7833618	7833957	-	0	0
ENSG0000(RP11-379J lincRNA antisense chr20	18674395	18698709	-	0	0
ENSG0000(GDI2P2 processed_ chr1	72274552	72275159	+	0	0
ENSG0000(KB-67B5.1 unprocessed_ chr22	16572027	16574637	+	0	0
ENSG0000(AC013439. processed_ chr2	1.89E+08	1.89E+08	-	0	0
ENSG0000(LINC01425 lincRNA chr21	21746973	21797415	+	0	0.87
ENSG0000(SETP5 processed_ chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(IGKV3OR2- IG_V_gene chr2	87338511	87339035	+	0	0
ENSG0000(AC000111. processed_ chr7	1.18E+08	1.18E+08	-	0	0
ENSG0000(MTATP6P2 unprocessed_ chr19	12506249	12508030	+	0	0
ENSG0000(RP11-543B processed_ chr1	2.11E+08	2.11E+08	+	0	0
ENSG0000(GAPDHP22 processed_ chr13	99190579	99190991	-	0	0
ENSG0000(DDX39B-AS1 antisense chr6	31542304	31543138	+	0.17	0
ENSG0000(PPP1R2P2 processed_ chr21	35887195	35887807	+	0	0.25
ENSG0000(RPL5P34 processed_ chr22	42776406	42777296	-	0	0
ENSG0000(RP11-125M lincRNA chr6	12582915	12585404	-	0	0
ENSG0000(GNG10P1 processed_ chr10	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-214N processed_ chr10	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-236P lincRNA chrX	53093710	53094858	-	0	0
ENSG0000(CHIAP3 unprocessed_ chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-75C9 lincRNA chr9	8936079	8963077	+	0	0
ENSG0000(AC008278. antisense chr2	15564170	15573868	+	0	0
ENSG0000(RBPMS2P1 processed_ chr6	73157517	73158139	-	0	0
ENSG0000(RP11-310E antisense chr10	95228243	95231144	-	0	0
ENSG0000(AC062029. antisense chr2	88627539	88631821	+	0.29	0.6
ENSG0000(TMEM97P processed_ chr21	43783123	43783573	+	0	0
ENSG0000(RPS3AP44 processed_ chr13	26576886	26577675	+	0	0
ENSG0000(RAC1P8 processed_ chr13	61805150	61805676	+	0	0
ENSG0000(AP000959. lincRNA chr21	22500604	22520058	-	0	0
ENSG0000(TXNP6 processed_ chr4	76958860	76959169	-	0	0

ENSG0000(NDUFA5P7 processed_ chrX	86066227	86066468	-	0	0
ENSG0000(RPL10P12 processed_ chr12	68626870	68627187	-	0	0
ENSG0000(RP11-345I1 processed_ chr1	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-452D processed_ chr9	63703065	63703755	+	0	0
ENSG0000(NUDT9P1 processed_ chr10	91152605	91153349	-	0.09	0.1
ENSG0000(AC108059. processed_ chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(FAM96AP1 processed_ chr3	28427963	28428444	-	0	0
ENSG0000(LLOXNC01- antisense_ chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(LINC01673 lincRNA_ chr21	27638693	27653491	+	0	0
ENSG0000(RP11-247A antisense_ chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(LINC00463 lincRNA_ chr13	25172828	25180079	-	0	0
ENSG0000(CASKP1 unprocessε_ chrY	12930165	12948182	-	0	0
ENSG0000(EDDM3CP processed_ chr2	1.34E+08	1.34E+08	-	0	0
ENSG0000(AC007969. processed_ chr2	1.71E+08	1.71E+08	+	0	0
ENSG0000(RP11-308D transcribed_ chrX	1.37E+08	1.37E+08	+	0.66	0.79
ENSG0000(PRAMEF29 unprocessε_ chr1	12926162	12928253	+	0	0
ENSG0000(MTND4P2ε processed_ chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(TAS2R62P unitary_ψ_ chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RPL5P10 processed_ chr3	40586535	40587428	-	0	0
ENSG0000(PAGE2 protein_co_ chrX	55089008	55092842	+	0	0
ENSG0000(GAPDHP53 processed_ chr20	24445391	24446314	+	0	0
ENSG0000(SPATA17-A antisense_ chr1	2.18E+08	2.18E+08	-	0	0
ENSG0000(RP11-420H processed_ chr7	1.25E+08	1.25E+08	+	0	0
ENSG0000(AC074117. antisense_ chr2	27356246	27367622	+	6.27	5.61
ENSG0000(AC011816. processed_ chr3	36880184	36880729	-	0	0
ENSG0000(RPL35AP processed_ chr20	47478214	47479010	-	0	0
ENSG0000(TPRG1-AS1 lincRNA_ chr3	1.89E+08	1.89E+08	-	0	0
ENSG0000(RP11-183G processed_ chr1	50326131	50327007	+	0	0
ENSG0000(ELOCP10 processed_ chrY	24006911	24007237	-	0	0
ENSG0000(AJ006995.ε lincRNA_ chr21	27954922	27985295	+	0	0
ENSG0000(RP3-388E2 antisense_ chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-368M unprocessε_ chr7	57654822	57655392	+	0	0
ENSG0000(CTD-3216D processed_ chr20	34347671	34347785	-	0	0
ENSG0000(RPS15AP7 processed_ chr1	62190522	62190926	+	0	0
ENSG0000(RP11-1217 lincRNA_ chr7	57209865	57222174	-	0	0
ENSG0000(RP11-353M antisense_ chr10	13729383	13756200	+	0	0
ENSG0000(RPS15AP11 processed_ chr1	44780331	44780715	-	0	0
ENSG0000(MTND4P11 unprocessε_ chr1	93922574	93923945	-	0	0
ENSG0000(KRT19P4 processed_ chr10	68260557	68261499	+	0	0
ENSG0000(RP5-1177M lincRNA_ chr20	20970448	20972562	+	0	0
ENSG0000(GS1-278J2. lincRNA_ chr7	53514992	53517116	-	0	0
ENSG0000(RP11-288E processed_ chr11	93535468	93535816	+	0	0
ENSG0000(TPT1P1 processed_ chr21	31840341	31840858	+	0	0
ENSG0000(RP11-115A processed_ chr1	80495903	80496233	+	0	0
ENSG0000(RPL7P36 processed_ chr10	99047639	99048319	+	0	0

ENSG0000(TSPY25P unprocessε chrY	9624183	9626352 +	0	0
ENSG0000(RP11-364P lincRNA chr4	1.58E+08	1.58E+08 +	0	0
ENSG0000(RP11-145A processed_ chr1	2.26E+08	2.26E+08 +	0	0
ENSG0000(RP11-288G processed_ chr6	7516600	7517840 -	0	0
ENSG0000(RP11-261C lincRNA chr1	2.43E+08	2.43E+08 -	0	0
ENSG0000(RP11-259P antisense chr6	1.16E+08	1.16E+08 +	0	0
ENSG0000(RPL13AP6 processed_ chr10	1.11E+08	1.11E+08 -	0	0
ENSG0000(AC079248. processed_ chr2	1.46E+08	1.46E+08 -	0	0
ENSG0000(AF228730. processed_ chr8	7112314	7113728 -	0	0
ENSG0000(GPM6BP3 processed_ chr22	16837522	16837666 +	0	0
ENSG0000(TRBV22OR TR_V_pseu chr9	33634111	33634246 +	0	0
ENSG0000(RHBDF1P1 processed_ chr3	14572852	14574792 -	0	0
ENSG0000(CSN1S2AP transcribec chr4	70067386	70085290 +	0	0
ENSG0000(EEF1GP8 processed_ chr4	1.3E+08	1.3E+08 +	0	0
ENSG0000(TRIM26 protein_co chr6	30184455	30213427 -	13.26	13.54
ENSG0000(RP11-120D lincRNA chrX	10847877	11111141 -	0	0.14
ENSG0000(RP13-88F2 processed_ chrX	93222220	93225015 -	0	0.04
ENSG0000(ELOCP8 processed_ chrY	22517242	22517573 -	0	0
ENSG0000(RP11-168C antisense chr1	2.01E+08	2.01E+08 +	0	0
ENSG0000(RP11-383C sense_intrε chr10	1.26E+08	1.26E+08 -	0	0.79
ENSG0000(RPL23AP83 processed_ chrX	56242937	56243409 -	0.16	0
ENSG0000(AC055764. antisense chr3	1.98E+08	1.98E+08 -	0	0
ENSG0000(RP4-550H1 lincRNA chr20	36072441	36085260 +	0	0
ENSG0000(AC009473. antisense chr7	7949853	7950709 -	0	0
ENSG0000(LINC01675 lincRNA chr1	1.66E+08	1.66E+08 -	0	0
ENSG0000(UGT1A13P unprocessε chr2	2.34E+08	2.34E+08 +	0	0
ENSG0000(COX6CP13 processed_ chr1	65298755	65298980 -	0	0
ENSG0000(NAP1L4P3 processed_ chr13	47763460	47764606 +	0	0
ENSG0000(AKAP8P1 processed_ chr9	11011748	11013096 +	0	0
ENSG0000(RP3-460G2 lincRNA chr6	1.41E+08	1.41E+08 -	0	0
ENSG0000(LINC01961 lincRNA chr2	1.14E+08	1.14E+08 +	0	0
ENSG0000(RP11-77G2 antisense chr10	75003055	75025174 -	0	0
ENSG0000(ELOBP1 processed_ chr13	25365799	25366155 -	0	0
ENSG0000(RP11-30P6 lincRNA chr6	85387219	85390186 -	0.07	0.07
ENSG0000(RP11-64P1 antisense chr9	1.23E+08	1.23E+08 +	3.18	1.17
ENSG0000(RPEP2 processed_ chr3	26015669	26016369 +	0	0
ENSG0000(RBPMSLP processed_ chr21	15744004	15745080 -	0	0
ENSG0000(RP11-613M antisense chr9	37509150	37510299 +	3.85	1.7
ENSG0000(PABPC5-AS antisense chrX	91414878	91434999 -	0	0
ENSG0000(AC009505. lincRNA chr2	1.06E+08	1.06E+08 -	0	0
ENSG0000(MTND4LP1 processed_ chr10	33023368	33023647 -	0	0
ENSG0000(AC114877. lincRNA chr3	26712307	26713364 +	0	0
ENSG0000(ARHGEF19 antisense chr1	16197854	16198357 +	0	0
ENSG0000(ELOBP4 processed_ chr10	34488583	34488878 -	0	0
ENSG0000(LINC01039 lincRNA chr13	99577112	99580368 +	0	0

ENSG0000(LINC01868 lincRNA	chr2	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-446F lincRNA	chr10	2446253	2447352	-	0	0
ENSG0000(RNASEH1- antisense	chr2	3558492	3561745	+	1.11	0.71
ENSG0000(AC093639. lincRNA	chr2	1.84E+08	1.84E+08	+	0	0
ENSG0000(RP11-2571 antisense	chr10	54486230	54656051	+	0	0
ENSG0000(AC016683. antisense	chr2	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-730A processed_	chr10	13139196	13139533	-	0	0
ENSG0000(HSPA8P1 processed_	chrX	1.21E+08	1.21E+08	-	0.03	0
ENSG0000(LINC01114 lincRNA	chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(DEFA11P unprocessε	chr8	7028641	7029489	-	0	0
ENSG0000(MTCYBP1 processed_	chrY	8364032	8365150	+	0	0
ENSG0000(RP11-182N antisense	chr9	35096378	35098141	+	0	0
ENSG0000(RP11-118K lincRNA	chr10	3010531	3013111	+	0	0
ENSG0000(LINC01952 antisense	chr7	44848416	44849568	+	0	0
ENSG0000(LINC01781 lincRNA	chr1	80535755	80646788	+	0	0
ENSG0000(RP5-1132H antisense	chr7	66119603	66165011	-	0	0
ENSG0000(C16orf82 protein_co	chr16	27066707	27069165	+	0	0
ENSG0000(AIMP1P1 processed_	chr20	14127400	14128336	+	0	0
ENSG0000(AC099799. processed_	chr2	22317053	22317244	+	0	0
ENSG0000(RP11-433J lincRNA	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-157D lincRNA	chrX	39401252	39434824	-	0	0
ENSG0000(RPS26P38 processed_	chr10	87642607	87642954	+	0	0
ENSG0000(AC097461. antisense	chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(ETV5-AS1 antisense	chr3	1.86E+08	1.86E+08	+	0	0
ENSG0000(LINC01191 lincRNA	chr2	1.14E+08	1.14E+08	+	0	0.08
ENSG0000(U82671.8 unprocessε	chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(BMI1P1 processed_	chrX	67791955	67792895	-	0	0
ENSG0000(RP11-330C processed_	chr1	92749175	92749330	-	0	0
ENSG0000(RP5-1050D antisense	chr17	4972851	4974681	+	0.18	0
ENSG0000(PIGPP2 processed_	chr1	62189131	62189953	+	0	0
ENSG0000(RP1-67A8. antisense	chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(AC096570. lincRNA	chr2	22377594	22482004	+	0	0
ENSG0000(CTA-256D1 sense_intrε	chr22	29513889	29535390	-	0	0
ENSG0000(AC006372. lincRNA	chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-25K2 antisense	chr1	1.62E+08	1.62E+08	-	0	0
ENSG0000(FHP1 processed_	chr13	42255873	42256575	+	0	0
ENSG0000(RP5-94211ε lincRNA	chr7	69595958	69597448	-	0	0
ENSG0000(RBPJP7 processed_	chr9	62601226	62602672	+	0	0
ENSG0000(CDCA4P4 unprocessε	chr1	2.08E+08	2.08E+08	+	0	0
ENSG0000(LIX1L-AS1 antisense	chr1	1.46E+08	1.46E+08	+	0	0.11
ENSG0000(AC003988. lincRNA	chr7	80246409	80312456	-	0	0
ENSG0000(TMEM229ε protein_co	chr7	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP4-704D2 lincRNA	chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(NDUFS5P2 processed_	chr1	96584422	96584727	-	0	0
ENSG0000(RPL7L1P1 processed_	chr13	89833157	89833941	-	0	0

ENSG0000(NCLP2 processed_ chrX	1.35E+08	1.35E+08 -	0	0
ENSG0000(LINC01505 lincRNA chr9	1.07E+08	1.07E+08 +	0	0
ENSG0000(ZFX-AS1 antisense chrX	24146225	24149654 -	0	0
ENSG0000(AC093616.unprocessε chr2	87700984	87738105 +	2.1	1.8
ENSG0000(RP11-353N transcribec chr1	1.5E+08	1.5E+08 -	0	0
ENSG0000(KCNH1-IT1 sense_intrε chr1	2.11E+08	2.11E+08 -	0	0
ENSG0000(MTCO2P8 unprocessε chr7	64107829	64108486 -	0	0
ENSG0000(BOK-AS1 antisense chr2	2.42E+08	2.42E+08 -	0	0
ENSG0000(RP11-430L lincRNA chr3	1.88E+08	1.88E+08 +	0	0
ENSG0000(CFL1P8 processed_ chr13	99582706	99583180 +	0	0
ENSG0000(RP4-775C1 processed_ chr20	6213699	6215381 +	0	0
ENSG0000(RP11-139J lincRNA chr10	18746433	18747853 +	0	0
ENSG0000(RP11-100E processed_ chr1	2.25E+08	2.25E+08 -	0	0.1
ENSG0000(RP11-799C lincRNA chr10	6891457	6920472 -	0	0
ENSG0000(RPL7P13 processed_ chr2	49878623	49879363 +	0	0
ENSG0000(AC012370.lincRNA chr2	65439888	65456571 -	0	0
ENSG0000(PTCD2P2 processed_ chr10	88876450	88877544 +	0	0
ENSG0000(SOD2P1 processed_ chr1	1.03E+08	1.03E+08 -	0	0
ENSG0000(CTC-507E1 processed_ chr5	1.2E+08	1.2E+08 +	0	0
ENSG0000(RP11-146I2 lincRNA chr6	14661829	15090003 -	0	0
ENSG0000(RP1-20N18 unprocessε chr1	1.53E+08	1.53E+08 +	0	0
ENSG0000(RP3-325F2 antisense chr6	1.37E+08	1.37E+08 +	0	0
ENSG0000(DEPDC1-AS antisense chr1	68496676	68538627 +	0	0
ENSG0000(LINC01723 lincRNA chr20	12950338	12951627 +	0	0
ENSG0000(TULP3P1 transcribec chr13	96947637	96948927 -	0	0
ENSG0000(AP000936.processed_ chr11	1.17E+08	1.17E+08 -	0	0
ENSG0000(RP11-338N processed_ chr9	1.03E+08	1.03E+08 +	0	0
ENSG0000(RPL36P20 processed_ chr3	41955445	41955763 +	0	0
ENSG0000(RP1-138B7 processed_ chr20	43523261	43523572 -	0	0
ENSG0000(RPL30P2 processed_ chr2	1.52E+08	1.52E+08 +	0	0
ENSG0000(AC073071.lincRNA chr7	1.1E+08	1.1E+08 -	0	0
ENSG0000(COX7BP2 processed_ chr20	35850674	35850915 -	0	0
ENSG0000(AC017053.lincRNA chr2	6312954	6325646 -	0	0
ENSG0000(SDR42E1Pε processed_ chr9	62690033	62690534 +	0	0
ENSG0000(LINC01641 lincRNA chr1	2.27E+08	2.27E+08 +	0.2	0.62
ENSG0000(PRR20E protein_co chr13	57167197	57170218 +	0	0
ENSG0000(LINC01937 lincRNA chr2	2.39E+08	2.39E+08 +	0	0
ENSG0000(LANCL1-AS antisense chr2	2.1E+08	2.1E+08 +	0	0
ENSG0000(RP4-673D2 unprocessε chr20	1722045	1722537 -	0	0
ENSG0000(LINC01731 lincRNA chr1	1.48E+08	1.48E+08 -	0	0
ENSG0000(ZNF879 protein_co chr5	1.79E+08	1.79E+08 +	1.07	1.5
ENSG0000(GAPDHP49 processed_ chr2	2.23E+08	2.23E+08 -	0	0
ENSG0000(AC006026.antisense chr7	23680195	23680786 -	0	0
ENSG0000(RP11-761N processed_ chr3	40761545	40761799 +	0	0
ENSG0000(OR1AA1P processed_ chrX	1.31E+08	1.31E+08 +	0	0

ENSG0000(H2BFS	protein_co	chr21	43565189	43565648	+	2.43	1.68
ENSG0000(AC116366.	antisense	chr5	1.32E+08	1.32E+08	-	0	0.05
ENSG0000(RP11-213H	lincRNA	chr5	91280097	91281142	-	0	0.13
ENSG0000(BACH1-IT3	sense_intr	chr21	29496047	29500386	+	0	0
ENSG0000(RP13-16H1	lincRNA	chr10	26643228	26645016	+	0	0
ENSG0000(RP11-54D1	processed_	chr9	15055057	15056052	+	0	0
ENSG0000(LINC00229	lincRNA	chr22	44606939	44625419	-	0	0
ENSG0000(CLYBL-AS1	antisense	chr13	99726247	99727491	-	0	0
ENSG0000(SGO1P2	processed_	chr7	52891837	52897807	-	0	0
ENSG0000(RP11-271F	lincRNA	chr10	10365180	10366487	-	0	0
ENSG0000(LINC01878	lincRNA	chr2	2.13E+08	2.13E+08	+	0	0
ENSG0000(SLC25A18P	processed_	chr10	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-432J	antisense	chr10	1.32E+08	1.32E+08	-	0	0
ENSG0000(SAPCD2P4	processed_	chr7	63113635	63114805	-	0	0
ENSG0000(OSTCP5	processed_	chr1	45069977	45070429	-	0	0
ENSG0000(RP4-771M	lincRNA	chr1	62896009	62901639	+	0.18	0
ENSG0000(RPS12P2	processed_	chr10	80215851	80216119	-	0	0
ENSG0000(ST13P18	processed_	chrX	93287733	93288759	-	0	0
ENSG0000(LINC01505	lincRNA	chr9	1.06E+08	1.07E+08	+	0	0
ENSG0000(RPL9P2	processed_	chr17	15443639	15444191	+	0	0
ENSG0000(MRPS10P2	processed_	chr3	4414580	4414960	-	0	0
ENSG0000(AC012146.	processed_	chr17	5111468	5115004	+	2.95	6.68
ENSG0000(RP11-767N	processed_	chr1	45651039	45651826	-	0.24	0.72
ENSG0000(BCAS2P2	processed_	chr1	1E+08	1E+08	-	0	0
ENSG0000(CYCSP53	processed_	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(RPS4XP11	processed_	chr10	32102522	32103293	-	0	0
ENSG0000(JAZF1-AS1	antisense	chr7	28180322	28243917	+	0.11	0
ENSG0000(RP11-297L	processed_	chr16	52655307	52656045	+	0	0
ENSG0000(RP11-797H	processed_	chr7	64835280	64836882	-	0	0
ENSG0000(AP000705.	processed_	chr21	22134698	22136083	-	0	0
ENSG0000(LLOXNC01-	processed_	chrX	1.04E+08	1.04E+08	-	0.17	0.19
ENSG0000(GLUD1P9	processed_	chrX	1.11E+08	1.11E+08	-	0	0
ENSG0000(AC007405.	lincRNA	chr2	1.71E+08	1.71E+08	-	0.05	0.06
ENSG0000(AC009264.	antisense	chr7	1.37E+08	1.37E+08	-	0	0
ENSG0000(AP000347.	transcribed	chr22	23638492	23640762	-	0.39	0.35
ENSG0000(RPS26P47	processed_	chr13	1.01E+08	1.01E+08	-	0	0
ENSG0000(FTH1P27	unprocess	chrX	37505310	37505860	+	0	0
ENSG0000(AC009945.	processed_	chr7	10476581	10476878	+	0	0
ENSG0000(AC003080.	processed_	chr7	1.12E+08	1.12E+08	-	0	0
ENSG0000(ELK1P1	processed_	chr7	45391626	45392205	-	0	0
ENSG0000(RP11-87N2	processed_	chr9	10532145	10532411	+	0	0
ENSG0000(RP11-52J3.	antisense	chr6	1.58E+08	1.58E+08	-	0	0
ENSG0000(LINC01914	lincRNA	chr2	41931599	41933723	-	2.86	3.23
ENSG0000(PPIAP27	processed_	chr13	20956179	20956443	-	0	0
ENSG0000(PFN1P3	processed_	chr1	1.45E+08	1.45E+08	+	0	0

ENSG0000(TATDN1P1 processed_ chr10	63222155	63223045	+	0	0
ENSG0000(RPSAP31 transcribec chr3	1.84E+08	1.84E+08	+	0.07	0.15
ENSG0000(SNX18P7 processed_ chr9	33576380	33577014	+	0.22	0
ENSG0000(UBTFL2 processed_ chr11	89752785	89753975	-	0	0
ENSG0000(RNF219-AS antisense chr13	77919689	78617328	+	0	0.03
ENSG0000(AC098828. lincRNA chr2	20063856	20106829	-	0	0
ENSG0000(HMGB1P4 unprocessε chr1	45530927	45532139	+	0	0
ENSG0000(LINC01426 antisense chr21	34745757	34784886	+	1.42	1.56
ENSG0000(MED15P7 unprocessε chr22	15635180	15644330	-	0	0
ENSG0000(RP11-40F6 unprocessε chr10	80233664	80245367	+	0.11	0
ENSG0000(CTBP2P8 processed_ chr1	68161761	68163090	-	0.31	0.29
ENSG0000(LINC01049 lincRNA chr13	90493287	90535080	+	0	0
ENSG0000(RCC2P1 processed_ chrY	11781052	11782527	-	0	0
ENSG0000(OR7E162P unprocessε chr4	3901566	3902594	-	0	0
ENSG0000(RP11-340I lincRNA chr7	63394277	63395439	+	0	0
ENSG0000(TXNP3 processed_ chr1	1.12E+08	1.12E+08	+	0	0
ENSG0000(AC007278. sense_intrε chr2	1.02E+08	1.02E+08	+	0	0
ENSG0000(USP27X-AS lincRNA chrX	49876724	49879241	-	0.66	0.87
ENSG0000(RP11-344N processed_ chrX	48306769	48309055	+	0	0
ENSG0000(RP11-211N antisense chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-561C lincRNA chr9	68306528	68330626	+	0	0.03
ENSG0000(RP11-181G lincRNA chr1	2212523	2220738	+	0	0
ENSG0000(RP11-415K processed_ chr1	22322840	22323331	-	0	0
ENSG0000(AC134915. unprocessε chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(RBMY2XP unprocessε chrY	24396604	24403526	-	0	0
ENSG0000(ELK2BP unprocessε chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(SPRYD7P1 processed_ chrX	77374212	77381319	+	0	0
ENSG0000(LLOXNC01- antisense chrX	1.03E+08	1.04E+08	+	0	1.07
ENSG0000(AC004129. processed_ chr7	25185623	25188724	+	0	0
ENSG0000(CCDC188 protein_co chr22	20148427	20151065	-	0	0
ENSG0000(RP6-29D12 processed_ chrX	53340986	53341505	+	0	0
ENSG0000(RBMY1A1 protein_co chrY	21511372	21549326	+	0	0.01
ENSG0000(RPL5P7 processed_ chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(RP11-560I lincRNA chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(CICP13 processed_ chr1	2.22E+08	2.22E+08	+	0	0
ENSG0000(ZNF37BP transcribec chr10	42513510	42552822	-	4.86	5.09
ENSG0000(SLC25A5P4 processed_ chr13	57314739	57315909	+	0	0
ENSG0000(UBE2WP1 processed_ chr1	96418594	96418933	+	0	0
ENSG0000(LINC01250 lincRNA chr2	2895048	3126026	-	0	0
ENSG0000(RP11-213G unprocessε chr9	85753306	85786575	+	0	0
ENSG0000(RP11-528G antisense chr1	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-459C lincRNA chr6	88298950	88421033	-	0	0
ENSG0000(RP3-413H6 lincRNA chr6	11810602	11811248	+	0.13	0
ENSG0000(RP11-666F antisense chr12	26623369	26649479	+	0	0
ENSG0000(AC105342. processed_ chr2	81194337	81201184	-	0	0

ENSG0000(AC007283. 3prime_ov chr2	2.01E+08	2.01E+08 +	0	0
ENSG0000(RP11-1275 lincRNA chr7	5426277	5428927 -	0.33	0.29
ENSG0000(LINC01432 lincRNA chr20	22054090	22074654 +	0	0
ENSG0000(AC008984. unprocessε chr19	54301758	54306026 -	0	0
ENSG0000(KBTBD13 protein_co chr15	65076816	65078192 +	0	0
ENSG0000(KRT18P2 processed_ chr21	20424949	20426206 -	0	0
ENSG0000(RP5-1108N unprocessε chr1	1.04E+08	1.04E+08 -	0	0
ENSG0000(RP11-402P transcribec chrX	71760764	71763075 -	0	0
ENSG0000(ZNF736 protein_co chr7	64307459	64354860 +	2.15	2.31
ENSG0000(FGF14-AS1 antisense chr13	1.02E+08	1.02E+08 +	0	0
ENSG0000(AC068489. lincRNA chr2	2.22E+08	2.22E+08 +	0	0
ENSG0000(RP11-344N processed_ chrX	48371905	48372095 +	0	0
ENSG0000(RP11-706C lincRNA chrX	3853010	3882317 -	0.41	0.68
ENSG0000(AC005534. processed_ chr7	1.57E+08	1.57E+08 +	0	0
ENSG0000(RP11-211N processed_ chr9	62609725	62610799 -	0	0
ENSG0000(SLC16A12-. antisense chr10	89456064	89468140 +	0	0
ENSG0000(AC067960. lincRNA chr2	1.21E+08	1.21E+08 -	0	0
ENSG0000(MAGI2-AS3 processed_ chr7	79452877	79471208 +	28.94	27.92
ENSG0000(AC006960. processed_ chr7	36305631	36305904 +	0	0
ENSG0000(OR7E130P unprocessε chr3	1.26E+08	1.26E+08 +	0	0
ENSG0000(AC002064. antisense chr7	90266034	90270216 -	0	0
ENSG0000(XXyac-YM2 lincRNA chr9	87864166	87866290 +	0	0.19
ENSG0000(COX6CP12 processed_ chrX	68645326	68645527 -	0	0
ENSG0000(RP11-136B lincRNA chr1	2.38E+08	2.38E+08 +	0	0
ENSG0000(PINLYP protein_co chr19	43576800	43583964 +	0.8	0.34
ENSG0000(RP11-266I3 processed_ chrX	55054945	55055838 -	0	0
ENSG0000(SLC25A1P2 processed_ chr7	63398046	63398957 +	0	0
ENSG0000(CLDN34 protein_co chrX	9967358	9968352 +	0	0
ENSG0000(AC147651. lincRNA chr7	484107	496118 -	0	0
ENSG0000(ZNF101P2 processed_ chr1	1.93E+08	1.93E+08 -	0	0
ENSG0000(MIR3663H lincRNA chr10	1.17E+08	1.17E+08 -	0	0
ENSG0000(RP11-496N sense_intrε chr1	2.25E+08	2.25E+08 -	0	0
ENSG0000(AC004231. antisense chr17	40921430	40975926 +	0	0
ENSG0000(ACBD3-AS1 antisense chr1	2.26E+08	2.26E+08 +	0	0
ENSG0000(AP1B1P1 transcribec chr22	32121977	32133469 +	0.23	0
ENSG0000(MTCO2P18 unprocessε chr2	1.31E+08	1.31E+08 -	0	0
ENSG0000(RP4-614N2 antisense chr1	36773140	36775768 +	0	0
ENSG0000(RP1-55C23 antisense chr6	1.33E+08	1.33E+08 +	0	0
ENSG0000(OR7E46P unprocessε chr2	71037685	71038703 +	0	0
ENSG0000(AC096664. processed_ chr2	63684305	63684710 +	0	0
ENSG0000(ALDH7A1P. processed_ chr10	62741208	62741385 -	0	0
ENSG0000(HNRNPA1P processed_ chr2	2.06E+08	2.06E+08 -	0	0
ENSG0000(RPL34-AS1 lincRNA chr4	1.09E+08	1.09E+08 -	0.21	0.42
ENSG0000(RHOXF1P1 transcribec chrX	1.2E+08	1.2E+08 -	0	0
ENSG0000(SP2-AS1 antisense chr17	47897330	47941410 -	0.54	0.73

ENSG0000(MRPS21P1 processed_ chr1	65092392	65092614	-	0	0
ENSG0000(ERICH3-AS antisense chr1	74577430	74626098	+	0	0
ENSG0000(RPL13AP2C processed_ chr12	12875499	12876107	+	0	0.13
ENSG0000(GS1-124K5 unprocessε chr7	66511556	66545066	+	0	0
ENSG0000(FYTTD1P1 processed_ chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(KB-1592A4 lincRNA chr22	21177892	21179875	-	0	0
ENSG0000(RP11-285G antisense chr10	44899614	44920220	-	0	0
ENSG0000(LINC01506 lincRNA chr9	68543541	68546589	-	0	0
ENSG0000(AP000253. lincRNA chr21	31653593	31659500	-	0.36	0.64
ENSG0000(C5orf58 protein_co chr5	1.7E+08	1.7E+08	+	0	0
ENSG0000(TLR12P unitary_psi chr1	33466249	33468954	+	0	0
ENSG0000(AC073072. processed_ chr7	22773646	22773993	-	0	0.3
ENSG0000(PPP1R2P1 transcribed chr6	32879171	32879848	-	0	0
ENSG0000(PTGES3P1 processed_ chr1	89104285	89104767	-	0.63	0.87
ENSG0000(RP3-495K2 lincRNA chr6	1.69E+08	1.69E+08	+	0	0
ENSG0000(HRAT17 lincRNA chr7	1.13E+08	1.13E+08	-	0.49	0.28
ENSG0000(AC005041. transcribed chr2	74407797	74413603	-	0	0
ENSG0000(RP11-572P unprocessε chr10	1.2E+08	1.2E+08	+	0	0
ENSG0000(NDUFB1P2 processed_ chr1	2.23E+08	2.23E+08	+	0	0
ENSG0000(RPL12P43 processed_ chrX	1.18E+08	1.18E+08	+	0	0
ENSG0000(PCDH9-AS1 antisense chr13	66303871	66323561	+	0	0
ENSG0000(GAPDHP19 processed_ chrY	19327569	19328573	+	0	0
ENSG0000(CSNK1G2P processed_ chr9	5040945	5041940	+	0	0
ENSG0000(RP11-37L2. lincRNA chr13	33610967	33611522	+	0	0
ENSG0000(RP11-100G unprocessε chr9	92132398	92138629	+	0.12	0.26
ENSG0000(ZNF114P1 processed_ chr21	13839118	13839409	+	0	0
ENSG0000(RP3-448I9. lincRNA chr6	14394326	14404289	+	0	0
ENSG0000(CHEK2P5 unprocessε chr10	38713195	38719229	+	0	0
ENSG0000(RP11-282I1 lincRNA chr10	1.24E+08	1.24E+08	+	0	0
ENSG0000(PTGES3P5 processed_ chr10	1.08E+08	1.08E+08	+	0	0
ENSG0000(FAM133B protein_co chr7	92560793	92590394	-	7.93	6.99
ENSG0000(LINC01759 lincRNA chr1	9182004	9196284	+	3.7	5.72
ENSG0000(LINC02020 lincRNA chr3	1.86E+08	1.86E+08	+	0	0
ENSG0000(LINC01309 lincRNA chr13	1.03E+08	1.03E+08	+	0	0
ENSG0000(AC022431. sense_intrε chr5	56536583	56537826	-	0	0.15
ENSG0000(LINC00701 lincRNA chr10	2305083	2315075	-	0	0
ENSG0000(RP1-164F3 processed_ chrX	1.01E+08	1.01E+08	-	0	0
ENSG0000(API5P1 processed_ chrX	1.16E+08	1.16E+08	-	0	0
ENSG0000(AC079776. processed_ chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(OR10G8 protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(TPMT2P2 processed_ chr3	42145646	42146371	-	0	0
ENSG0000(HSPA8P20 processed_ chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(COX6B1P1 processed_ chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(RPL7AP71 processed_ chrX	54223324	54224062	+	0	0
ENSG0000(RP1-283K1 antisense chr6	1.33E+08	1.33E+08	-	0	0

ENSG0000(BIN2P1	processed_ chr4	82275071	82276600	+	0	0
ENSG0000(RAD1P1	processed_ chr10	1.2E+08	1.2E+08	+	0	0
ENSG0000(ZFRP1	processed_ chrX	62878811	62884842	-	0	0
ENSG0000(RP5-998N2	lincRNA chr1	1.44E+08	1.44E+08	-	0.04	0.07
ENSG0000(LINC01800	lincRNA chr2	64846130	64863626	-	0	0
ENSG0000(RP5-1116H	processed_ chr20	5013520	5013724	-	0	0
ENSG0000(CTSLP8	unprocessε chr9	87844152	87847314	+	0	0
ENSG0000(MTND1P2ε	unprocessε chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(SYNE1-AS1	antisense chr6	1.52E+08	1.52E+08	+	0.13	0
ENSG0000(RP4-784A1	antisense chr1	53267935	53268601	+	0	0
ENSG0000(AC009305.	antisense chr2	30986939	30991426	+	0	0
ENSG0000(RP11-733D	lincRNA chr10	44591208	44602104	-	0	0
ENSG0000(TSPY19P	unprocessε chrY	6303957	6305074	-	0	0
ENSG0000(AC019186.	lincRNA chr2	1.58E+08	1.58E+08	-	0	0
ENSG0000(CCT6P3	transcribed chr7	65038354	65074713	+	0.68	0.66
ENSG0000(RP11-382H	processed_ chr9	13021694	13022892	-	0	0
ENSG0000(MRPL50P1	processed_ chr2	35724759	35725142	-	0	0
ENSG0000(FABP5P14	processed_ chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(RP11-253E	processed_ chr12	3071532	3072145	-	0	0
ENSG0000(GNG5P5	processed_ chr13	47307082	47307301	+	0	0
ENSG0000(RP11-41L1.	processed_ chrX	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP4-704D2	lincRNA chr1	14348955	14391575	-	0	0
ENSG0000(RP11-263C	processed_ chr3	1.72E+08	1.72E+08	+	0	0
ENSG0000(AC013733.	antisense chr2	1.82E+08	1.82E+08	+	0	0
ENSG0000(AC010096.	lincRNA chr2	19458220	19468961	-	0.03	0.07
ENSG0000(CHRM3-AS	antisense chr1	2.4E+08	2.4E+08	-	0	0
ENSG0000(MCIDAS	protein_co chr5	55219614	55227315	-	0.08	0.14
ENSG0000(RP1-206D1	processed_ chr1	1.69E+08	1.69E+08	-	0	0
ENSG0000(RP11-5P18	processed_ chr1	15969632	15970194	+	0	0
ENSG0000(MAPKAPK5	lincRNA chr12	1.12E+08	1.12E+08	-	14.79	15.75
ENSG0000(OR2AT2P	unitary_psi chr11	75071148	75072052	-	0	0
ENSG0000(H2AFZP5	processed_ chr10	77953495	77953876	+	0	0
ENSG0000(RP5-1158E	lincRNA chrX	45913267	45917040	-	0	0
ENSG0000(AL450992.:	antisense chr1	1.52E+08	1.52E+08	+	2.95	2.43
ENSG0000(JRK	protein_co chr8	1.43E+08	1.43E+08	-	3.46	4.18
ENSG0000(SNRK-AS1	antisense chr3	43349644	43351962	-	0.17	0.29
ENSG0000(RPSAP9	processed_ chr9	76398699	76399586	+	0.61	0.78
ENSG0000(RPL7P11	processed_ chr1	8750430	8751087	+	0	0
ENSG0000(PUDPP1	unprocessε chrY	15348662	15456074	-	0	0
ENSG0000(RP13-297E	lincRNA chrX	1767347	1768776	+	0	0
ENSG0000(RP13-297E	lincRNA chrY	1767347	1768776	+	0	0
ENSG0000(AC016894.	processed_ chr2	61416887	61417197	-	0	0
ENSG0000(LINC00380	lincRNA chr13	91087254	91089593	-	0	0
ENSG0000(RP1-149A1	antisense chr22	32327171	32343105	-	0	0
ENSG0000(NUS1P3	processed_ chr13	24328211	24329072	+	0	0

ENSG0000(WDR82P1 processed_ chr3	94937086	94938024	-	0	0
ENSG0000(LL22NC03- lincRNA chr22	22293733	22294794	+	0	0
ENSG0000(NECAP1P2 processed_ chr2	74350069	74351009	+	0	0
ENSG0000(LINC02093 lincRNA chr17	13299184	13306760	-	0	0
ENSG0000(MED14OS antisense chrX	40735400	40738701	+	0.35	0
ENSG0000(RPS19P6 processed_ chr9	80782338	80782770	-	0	0
ENSG0000(AC053503. antisense chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(AC009263. processed_ chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-264E lincRNA chr10	1.28E+08	1.28E+08	-	0	0
ENSG0000(OTX2P1 processed_ chr9	75724222	75724575	-	0	0
ENSG0000(YWHAEP5 processed_ chr2	1.38E+08	1.38E+08	-	0	0.09
ENSG0000(RP4-753D1 sense_ovei chr20	23031542	23039236	+	0	0
ENSG0000(RP11-503C lincRNA chr6	1.68E+08	1.68E+08	+	0	0
ENSG0000(AL162151.: processed_ chr14	98973314	98973471	+	41.43	66.28
ENSG0000(PCCA-AS1 antisense chr13	1E+08	1E+08	-	0	0
ENSG0000(AGPAT5P1 processed_ chrY	3293808	3294826	+	0	0
ENSG0000(AC079117. antisense chr2	76985965	77009791	+	0	0
ENSG0000(OR7E155P unprocessε chr13	41439834	41440847	-	0	0
ENSG0000(AC013429. processed_ chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(LINC00440 lincRNA chr13	89273203	89280240	+	0	0
ENSG0000(CHL1-AS1 antisense chr3	363370	385795	-	0	0
ENSG0000(LINC01934 lincRNA chr2	1.81E+08	1.81E+08	+	0	0
ENSG0000(HMGN2P5 processed_ chr15	29730713	29730985	+	0	0
ENSG0000(RP11-262H lincRNA chr9	62856999	62898087	-	0.04	0.04
ENSG0000(ACTBP13 unitary_psi chr3	49873347	49877980	-	0.08	0.03
ENSG0000(OR6C64P unprocessε chr12	55522593	55523417	+	0	0
ENSG0000(MTCYBP5 unprocessε chr7	57196638	57197772	+	0	0
ENSG0000(RP11-242F lincRNA chr6	1.48E+08	1.48E+08	-	0	0
ENSG0000(IFT74-AS1 antisense chr9	26955780	26956295	-	0	0
ENSG0000(RP11-285A sense_intrε chr10	1.24E+08	1.24E+08	-	0	0
ENSG0000(ELF3-AS1 antisense chr1	2.02E+08	2.02E+08	-	0	0
ENSG0000(VN2R3P unitary_psi chr9	39016969	39039594	+	0	0
ENSG0000(VDAC2P4 processed_ chr2	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP5-837I24 processed_ chr1	81596157	81596506	-	0	0
ENSG0000(SDCBP2-AS antisense chr20	1325405	1378734	+	1.06	1.51
ENSG0000(NUS1P2 processed_ chr13	22915651	22916523	+	0	0
ENSG0000(AC010971. lincRNA chr7	49230137	49254816	+	0	0
ENSG0000(RP1-293L6. antisense chr22	36703918	36721472	+	0	0
ENSG0000(LINC00444 lincRNA chr13	47905329	47907357	-	0	0
ENSG0000(AC073283. lincRNA chr2	47192405	47345074	-	0	0.03
ENSG0000(RP11-445L lincRNA chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP4-530I15 antisense chr20	50645471	50662275	+	0	0
ENSG0000(RP1-92O14 antisense chr1	43354684	43358658	-	0	0
ENSG0000(AC002076. antisense chr7	93890913	93893601	+	0.14	0.15
ENSG0000(GPR50-AS1 antisense chrX	1.51E+08	1.51E+08	-	0	0

ENSG0000(RP11-112L) lincRNA	chr20	50166362	50171742	+	0	0
ENSG0000(RP11-225H) antisense	chr10	1.03E+08	1.03E+08	+	0.51	0.11
ENSG0000(MTCO1P8) unprocessed	chr7	64108625	64110147	-	0	0
ENSG0000(PRDX3P3) processed	chr13	38617419	38617940	-	0	0
ENSG0000(VDAC1P3) processed	chrX	91982655	91983505	-	0	0
ENSG0000(AF015262) lincRNA	chr21	35136638	35139222	+	0	0
ENSG0000(HMGA1P4) antisense	chr9	1.29E+08	1.29E+08	-	0	0
ENSG0000(PRUNEP1) processed	chr13	26117548	26118964	-	0	0
ENSG0000(RP11-745C) antisense	chr7	54759425	54804928	+	0	0
ENSG0000(UPF3AP3) transcribed	chr9	99998301	99999069	-	0.25	0
ENSG0000(AC060834) lincRNA	chr7	9737322	9769513	+	0	0
ENSG0000(TUBB8P11) unprocessed	chr1	873292	874349	+	0	0
ENSG0000(RP11-143G) antisense	chrX	1.45E+08	1.45E+08	-	0	0
ENSG0000(RP11-726G) processed	chr8	43276270	43276823	-	0	0
ENSG0000(AC009965) lincRNA	chr2	2.04E+08	2.04E+08	+	0	0
ENSG0000(CTB-107G1) antisense	chr7	1.03E+08	1.04E+08	+	0	0
ENSG0000(RP11-760D) processed	chr7	56577848	56578866	+	0	0
ENSG0000(TMEM212) lincRNA	chr3	1.72E+08	1.72E+08	-	0	0
ENSG0000(AC007161) lincRNA	chr7	7738524	7742574	-	0	0
ENSG0000(NPIP2) protein_coding	chr16	11927373	11976643	-	9.69	6
ENSG0000(ATP5A1P8) processed	chr9	39654241	39655531	-	0	0
ENSG0000(LINC02092) lincRNA	chr17	73786802	73800793	+	0	0
ENSG0000(LINC01287) lincRNA	chr7	1.53E+08	1.53E+08	-	0	0
ENSG0000(AC092421) unprocessed	chr3	22670201	22670711	-	0	0
ENSG0000(HDAC1P1) processed	chr10	94137748	94139500	+	0	0
ENSG0000(LL22NC03) processed	chr22	22228719	22230469	-	0	0
ENSG0000(AF241725) lincRNA	chr21	21566763	21615437	+	0	0
ENSG0000(MTND4LP1) unprocessed	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RPEP5) processed	chr2	1.62E+08	1.62E+08	-	0	0
ENSG0000(ALO22237) processed	chr22	43092167	43092524	+	0	0
ENSG0000(FAM170B) antisense	chr10	49121839	49151547	+	0	0
ENSG0000(KRT18P15) processed	chr3	32258940	32260230	+	0	0
ENSG0000(RP11-272P) sense_intronic	chr9	13274510	13279187	-	0	0.76
ENSG0000(GAS5) processed	chr1	1.74E+08	1.74E+08	-	246.83	258.53
ENSG0000(AC144530) processed	chr3	1.98E+08	1.98E+08	-	0.13	0
ENSG0000(EIF5AP4) processed	chr10	80247219	80247683	-	0	0
ENSG0000(USP9YP26) unprocessed	chrY	26002254	26008856	+	0	0
ENSG0000(HLA-B) protein_coding	chr6	31269491	31357188	-	1161.02	1068.49
ENSG0000(RP11-183K) processed	chrX	1.47E+08	1.47E+08	+	0	0
ENSG0000(FAM90A21) unprocessed	chr8	7564350	7567360	-	0	0
ENSG0000(CTD-2666L) processed	chr19	12284337	12285185	+	0.07	0
ENSG0000(AP002381) processed	chr11	72940498	72941112	+	0	0
ENSG0000(RP11-428L) lincRNA	chr10	8897989	8914596	+	0	0
ENSG0000(FOXP4-AS1) antisense	chr6	41494853	41548621	-	0.98	0
ENSG0000(C1orf140) lincRNA	chr1	2.21E+08	2.21E+08	-	0.01	0.03

ENSG00000100000	RP11-120C	lincRNA	chr10	62289521	62304033	+	0	0.1
ENSG00000100000	AC034228.	antisense	chr5	1.32E+08	1.32E+08	+	0	0
ENSG00000100000	RP11-3801	transcribed	chr1	2.03E+08	2.03E+08	-	0	0
ENSG00000100000	RP11-203H	lincRNA	chr6	8341937	8343021	-	0	0
ENSG00000100000	E2F6P1	processed	chr22	18833694	18834438	+	0	0
ENSG00000100000	ELL2P3	processed	chr13	68289679	68291280	-	0	0
ENSG00000100000	LINC01496	lincRNA	chrX	51502090	51511005	-	0	0
ENSG00000100000	LINC01052	lincRNA	chr13	65866174	65878219	+	0	0
ENSG00000100000	RP11-503C	lincRNA	chr6	1.68E+08	1.68E+08	+	0	0
ENSG00000100000	WASH4P	unprocessed	chr16	14381	18068	-	0.73	1
ENSG00000100000	GULOP	unitary_psi	chr8	27560274	27589073	+	0	0
ENSG00000100000	SLC25A25-	antisense	chr9	1.28E+08	1.28E+08	-	0.62	0.89
ENSG00000100000	LINC00412	antisense	chr13	27236282	27236811	-	0	0
ENSG00000100000	CTD-2666L	transcribed	chr19	12195015	12237767	+	0.07	0.53
ENSG00000100000	RP11-335C	antisense	chr1	2.03E+08	2.03E+08	-	0	0.25
ENSG00000100000	C11orf94	protein_coding	chr11	45906513	45907282	-	0.17	0.09
ENSG00000100000	RP11-125D	lincRNA	chr6	1.59E+08	1.59E+08	+	0	0
ENSG00000100000	RP11-62F2.	antisense	chr9	16726814	16727524	+	1.52	1.67
ENSG00000100000	RP11-552E	processed	chrX	48197221	48199431	+	0	0
ENSG00000100000	LINC01103	lincRNA	chr2	1.04E+08	1.05E+08	-	0	0
ENSG00000100000	TPT1P9	processed	chr9	1.18E+08	1.18E+08	-	0	0
ENSG00000100000	RP11-1821I	processed	chr1	64918443	64918683	+	0	0
ENSG00000100000	EEF1GP5	processed	chrX	1.16E+08	1.16E+08	+	0	0
ENSG00000100000	LINC00458	lincRNA	chr13	54115783	54132866	-	0	0
ENSG00000100000	HSPA8P3	processed	chr10	26714622	26715832	+	0	0
ENSG00000100000	RP11-483H	antisense	chr9	1.3E+08	1.3E+08	+	0	0
ENSG00000100000	NUTF2P4	processed	chr1	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	AC108448.	antisense	chr11	3189546	3189929	+	0	0
ENSG00000100000	RP11-552J.	processed	chrX	52612656	52613523	+	0	0
ENSG00000100000	AC114730.	antisense	chr2	2.42E+08	2.42E+08	-	0	0
ENSG00000100000	RFTN1P1	transcribed	chrY	7712985	7809261	-	0.76	0.65
ENSG00000100000	AC113607.	antisense	chr2	910926	921124	-	0	0
ENSG00000100000	RPS3AP6	processed	chr15	59768352	59769146	+	0	0.19
ENSG00000100000	PCMTD1P3	processed	chr7	23721311	23721782	-	0	0
ENSG00000100000	MORF4	processed	chr4	1.74E+08	1.74E+08	-	0	0
ENSG00000100000	FAM197Y2	transcribed	chrY	9517599	9526897	-	0	0
ENSG00000100000	AC090505.	processed	chr3	1.95E+08	1.95E+08	+	0	0
ENSG00000100000	RPL26P29	processed	chr10	68424560	68424997	+	0	0
ENSG00000100000	LINC01135	lincRNA	chr1	58785160	58899594	+	0	0.2
ENSG00000100000	RP11-90C4	lincRNA	chr1	55581037	55868248	+	0.22	0.27
ENSG00000100000	RP11-2411I	processed	chr10	32111644	32111789	-	0	0
ENSG00000100000	RP11-146D	processed	chr9	40291275	40291502	-	0	0
ENSG00000100000	RP11-288D	processed	chr10	18940501	18940953	+	0	0
ENSG00000100000	SVILP1	transcribed	chr10	30655489	30717266	+	0.49	0.5
ENSG00000100000	HIST1H2AP	unprocessed	chr6	26043989	26044357	+	0	0

ENSG0000(RP3-400B1 lincRNA chr6	4136072	4157385	+	0.02	0.13
ENSG0000(AC092687. antisense chr2	10589166	10604830	+	0	0
ENSG0000(RP11-336N processed_ chr9	78219120	78219357	+	0	0
ENSG0000(MRPS33P4 processed_ chr20	52511252	52511568	+	0	0
ENSG0000(XRCC6P2 processed_ chrX	1.5E+08	1.5E+08	-	0	0
ENSG0000(AC003084. lincRNA chr7	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP11-526A protein_co chr4	1.49E+08	1.5E+08	-	0	0
ENSG0000(IFNA17 protein_co chr9	21227243	21228222	-	0	0
ENSG0000(FAM197Y9 transcribed chrY	6256267	6263953	-	0	0.3
ENSG0000(RP3-322G1 antisense chr20	23346941	23351486	-	0	0
ENSG0000(PHBP13 processed_ chr13	35251070	35251829	+	0.09	0
ENSG0000(AC073464. processed_ chr2	94750582	94751293	+	0	0
ENSG0000(RP11-5P22 processed_ chr5	66572057	66572546	+	0.15	0
ENSG0000(RPS26P30 processed_ chr7	20843627	20843961	+	0	0
ENSG0000(LINC01239 lincRNA chr9	22646200	22824213	+	0.19	0.1
ENSG0000(RP11-119H processed_ chr4	1.13E+08	1.13E+08	+	0	0.05
ENSG0000(MTCO2P16 unprocessed_ chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(CDC42P2 processed_ chr7	55638274	55638842	-	0	0
ENSG0000(CTD-3105H antisense chr19	12450935	12460705	+	0	0
ENSG0000(MTND2P3 processed_ chrY	8372241	8372710	+	0	0
ENSG0000(RPL23AP42 processed_ chr3	1.61E+08	1.61E+08	-	625.36	590.82
ENSG0000(NDUFA5P3 processed_ chr9	19383217	19383887	-	0	0
ENSG0000(LINC00676 antisense chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(SLIT1-AS1 antisense chr10	97102756	97103747	+	0	0
ENSG0000(HNRNPUL2 protein_co chr11	62690275	62727384	-	22.51	20.37
ENSG0000(AC003958. antisense chr17	41402416	41425049	+	0	0
ENSG0000(RP11-547C lincRNA chr9	99531696	99536924	+	0	0
ENSG0000(ATP5A1P1 processed_ chr9	42410830	42412150	-	0	0
ENSG0000(RP5-1097P lincRNA chr20	22220554	22223283	+	0	0
ENSG0000(RP11-410C processed_ chr1	2.2E+08	2.2E+08	-	0	0
ENSG0000(AL022344. lincRNA chr10	42696035	42706453	+	0	0
ENSG0000(CTD-2138C transcribed chr5	23980587	23980938	+	0	0
ENSG0000(RP3-439F8 antisense chr22	46541495	46548196	+	0.04	0.02
ENSG0000(LINC01032 lincRNA chr1	1.93E+08	1.93E+08	-	0	0
ENSG0000(RP11-467I2 processed_ chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(AC092660. lincRNA chr2	78597911	78599406	+	0	0
ENSG0000(HSPE1P1 processed_ chr20	39932922	39933239	-	0	0
ENSG0000(LINC00163 lincRNA chr21	44989864	44994086	-	0	0
ENSG0000(PIGFP2 processed_ chr9	1.24E+08	1.24E+08	+	0	0
ENSG0000(EIF3EP1 processed_ chr6	73291962	73293277	+	0.71	1.12
ENSG0000(MIR155HG lincRNA chr21	25561909	25575168	+	0.07	0.04
ENSG0000(CTA-407F1 antisense chr22	25561117	25564462	-	0	0
ENSG0000(MTND5P2 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(OFD1P15Y unprocessed_ chrY	26055779	26088493	-	0	0
ENSG0000(RP13-130D processed_ chrX	97975878	97978641	-	0	0

ENSG00000108000	HNRNPDL	unprocessed	chr2	1.58E+08	1.58E+08	+	0	0
ENSG00000108000	RP1-288L1	lincRNA	chr22	34703126	34704885	-	0	0
ENSG00000108000	Z82214.2	antisense	chr22	43232141	43239010	+	0	0
ENSG00000108000	RP11-408E	unprocessed	chr13	19151554	19152307	-	0	0
ENSG00000108000	OR52X1P	unitary_psi	chr11	6066873	6067786	-	0	0
ENSG00000108000	OR7E62P	unprocessed	chr2	71055527	71056003	+	0	0
ENSG00000108000	CHEK2P3	unprocessed	chr2	91957436	91963610	+	0	0
ENSG00000108000	SOX9-AS1	processed	chr17	72034107	72237203	-	0	1.06
ENSG00000108000	RP1-278O2	lincRNA	chr20	10753278	10765286	-	0	0
ENSG00000108000	MTND6P13	processed	chrX	1.02E+08	1.02E+08	-	0	0
ENSG00000108000	AC007879	lincRNA	chr2	2.07E+08	2.07E+08	-	0.13	0.14
ENSG00000108000	AC133104	unprocessed	chr2	95468863	95469778	-	0	0
ENSG00000108000	APOC2	protein_coding	chr19	44945982	44949565	+	0.07	0.08
ENSG00000108000	RP11-415H	processed	chr9	1.33E+08	1.33E+08	+	0	0
ENSG00000108000	IL6RP1	processed	chr9	90081297	90082569	-	0	0
ENSG00000108000	TEX21P	unitary_psi	chr14	64346171	64374666	-	0.04	0
ENSG00000108000	SNHG20	processed	chr17	77086716	77094990	+	2.41	2.56
ENSG00000108000	XXbac-B47	sense_intronic	chr22	18004270	18007308	-	0.02	0
ENSG00000108000	RP11-384C	antisense	chr1	2.12E+08	2.12E+08	-	0	0
ENSG00000108000	RP5-994D1	lincRNA	chr1	42678735	42681659	+	0.12	0
ENSG00000108000	RP11-20F2	lincRNA	chr10	37240887	37242049	+	0.29	0
ENSG00000108000	LINC01827	lincRNA	chr2	1.96E+08	1.96E+08	-	0	0
ENSG00000108000	RP11-85O2	antisense	chr9	1.24E+08	1.24E+08	-	0	0
ENSG00000108000	TSEN15P3	processed	chr7	25265924	25266290	-	0	0
ENSG00000108000	ATP5HP4	processed	chr12	68642519	68642993	-	0	0
ENSG00000108000	HMG11P1	processed	chr7	1.21E+08	1.21E+08	+	0.44	0.37
ENSG00000108000	LINC01659	lincRNA	chr22	23433564	23435071	+	0	0
ENSG00000108000	AC018685	lincRNA	chr2	2641989	2656630	-	0	0
ENSG00000108000	MARK2P15	processed	chr10	83311628	83314475	-	0	0
ENSG00000108000	AC009969	processed	chr2	1.53E+08	1.53E+08	-	0	0
ENSG00000108000	CDC42P1	processed	chr20	34402149	34402696	-	0	0
ENSG00000108000	MTND5P25	unprocessed	chr2	1.3E+08	1.3E+08	+	0	0
ENSG00000108000	AC010883	antisense	chr2	43229573	43233394	+	0.85	0
ENSG00000108000	RP11-101C	processed	chr1	1.56E+08	1.56E+08	+	0	0
ENSG00000108000	AC012668	lincRNA	chr2	2.16E+08	2.16E+08	-	0	0
ENSG00000108000	MTND2P18	unprocessed	chr2	1.31E+08	1.31E+08	-	0	0
ENSG00000108000	AC023128	lincRNA	chr2	1.45E+08	1.45E+08	-	0	0
ENSG00000108000	RP11-508N	processed	chr10	38250442	38250603	-	0	0
ENSG00000108000	GRID1-AS1	antisense	chr10	85577731	85607213	+	0	0
ENSG00000108000	AC092839	antisense	chr2	54545368	54546677	-	0	0
ENSG00000108000	RP11-124C	lincRNA	chr10	42871521	42874060	+	0.1	0
ENSG00000108000	GTF3C2-AS	antisense	chr2	27335535	27342599	+	0.14	0.47
ENSG00000108000	SDHCP3	processed	chr2	23943846	23944351	+	0	0
ENSG00000108000	LINC01524	lincRNA	chr20	52210645	52650431	+	0.02	0
ENSG00000108000	AC104667	antisense	chr2	2.38E+08	2.38E+08	+	0	0

ENSG0000(RBMY2OP unprocessε chrY	9951553	9959423	+	0	0
ENSG0000(RP11-328K lincRNA chr10	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP5-837I2 antisense chr1	81513880	81557702	-	0	0
ENSG0000(RP11-356I2 lincRNA chr6	1.38E+08	1.38E+08	-	0	0
ENSG0000(FABP5P13 processed_ chrX	523775	524102	-	0	0
ENSG0000(FABP5P13 processed_ chrY	523775	524102	-	0	0
ENSG0000(RP11-124N antisense chr10	17233325	17234833	-	0.28	0.31
ENSG0000(LINC00700 lincRNA chr10	2005473	2014348	-	0	0.15
ENSG0000(FABP5P7 processed_ chr11	59781318	59781722	-	3.66	5.08
ENSG0000(SHISA8 protein_co chr22	41909554	41914667	-	0	0
ENSG0000(RP11-347D lincRNA chr20	47950799	47952055	+	0	0
ENSG0000(RP13-33H1 processed_ chrX	74069276	74070832	+	0	0
ENSG0000(RP11-272J lincRNA chr10	43777562	43778825	-	0	0
ENSG0000(FTH1P2 processed_ chr1	2.29E+08	2.29E+08	+	1.74	0
ENSG0000(AC074389. lincRNA chr7	1691906	1692450	-	0	0
ENSG0000(CITF22-24E antisense chr22	36816326	36819736	+	0	0
ENSG0000(RP11-534L processed_ chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(RP11-280C processed_ chr9	14204248	14205039	+	0	0
ENSG0000(AC010132. processed_ chr7	42918741	42920084	+	0.12	0
ENSG0000(FMO10P unitary_psι chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(RP11-3L10. processed_ chr7	1.21E+08	1.21E+08	-	0	0
ENSG0000(XX-C2158C lincRNA chr6	1.71E+08	1.71E+08	+	0	0
ENSG0000(LINC01849 lincRNA chr2	1.01E+08	1.01E+08	+	0	0
ENSG0000(CUBNP2 unprocessε chr10	45232026	45247361	-	0	0
ENSG0000(AC013429. processed_ chr7	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-480I1 transcribec chr1	2.03E+08	2.03E+08	+	0.12	0.03
ENSG0000(AC016745. antisense chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-439A antisense chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(SNRPCP19 processed_ chr7	24906135	24906594	-	0	0
ENSG0000(EIF4A1P2 processed_ chrY	5337745	5338964	-	0	0
ENSG0000(RP11-157D processed_ chr1	42412398	42412794	-	0	0
ENSG0000(USP9YP30 unprocessε chrY	25723016	25724186	+	0	0
ENSG0000(RP11-195N antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-344B lincRNA chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP3-497J2. processed_ chr6	1.67E+08	1.67E+08	-	0	0
ENSG0000(LINC01883 lincRNA chr2	38431294	38433573	+	0	0
ENSG0000(RP11-140A antisense chr10	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP4-726F1 lincRNA chr1	79323769	79324863	+	0	0
ENSG0000(AF121897. processed_ chr21	39525583	39529855	+	0	0
ENSG0000(COX20P2 processed_ chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(REREP2Y unprocessε chrY	26198331	26208148	-	0	0
ENSG0000(GEMIN2P1 processed_ chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(SEMA3F-A antisense chr3	50116022	50156085	-	0	0
ENSG0000(RP11-11M. processed_ chr20	62037429	62037956	-	0	0
ENSG0000(RP11-109I1 processed_ chr10	18206127	18261194	-	0	0

ENSG0000(RP11-439E)	lincRNA	chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(AP001626)	antisense	chr21	42648271	42651244	-	0	0.04
ENSG0000(AC097468)	antisense	chr2	2.19E+08	2.19E+08	-	0	0
ENSG0000(DPP10-AS1)	antisense	chr2	1.15E+08	1.15E+08	-	0	0
ENSG0000(AC068580)	antisense	chr11	1760348	1762486	+	0	0
ENSG0000(HMGN1P3)	processed	chr18	58018794	58019061	-	0	0
ENSG0000(MNX1-AS2)	antisense	chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(BMP7-AS1)	antisense	chr20	57214872	57215866	+	0	0
ENSG0000(RP11-6111)	antisense	chr6	39881804	39900071	-	0.23	0.09
ENSG0000(C19orf81)	protein_co	chr19	50649445	50659310	+	2.4	1.74
ENSG0000(AC007395)	antisense	chr2	70687142	70691824	+	0	0
ENSG0000(RP5-1099D)	processed	chr20	10612861	10614229	-	0	0
ENSG0000(RP11-3931)	lincRNA	chr1	58060139	58080274	+	0	0
ENSG0000(MTND6P1)	processed	chrX	5168918	5169439	-	0	0
ENSG0000(MTCO3P1)	unprocess	chr6	32706124	32706955	-	0	0
ENSG0000(AC098820)	antisense	chr2	2.16E+08	2.16E+08	-	0	0
ENSG0000(TECRP1)	processed	chr4	86949669	86950113	-	0	0
ENSG0000(PPIAP3)	processed	chr20	37530039	37530543	+	0	0
ENSG0000(RPL7P8)	processed	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC016751)	antisense	chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(LINC00940)	lincRNA	chr12	1929202	1936574	-	0	0.03
ENSG0000(MLIP-AS1)	antisense	chr6	53978549	54079726	-	0	0
ENSG0000(RP11-637C)	antisense	chr6	10881780	10884349	+	0	0
ENSG0000(RP1-15005)	lincRNA	chr1	23549139	23550915	-	0	0
ENSG0000(LINC01777)	lincRNA	chr1	4412027	4424689	+	0	0
ENSG0000(RP4-609E1)	processed	chr1	68043330	68044233	+	0	0
ENSG0000(AC010983)	lincRNA	chr2	1.95E+08	1.95E+08	-	0	0
ENSG0000(ZMYND10)	antisense	chr3	50341106	50345697	+	0	0
ENSG0000(AC008175)	lincRNA	chrY	22438940	22485592	+	0	0
ENSG0000(VDAC1P4)	processed	chr1	1.8E+08	1.8E+08	+	0	0
ENSG0000(UBE2V1P7)	processed	chrX	78554412	78554751	-	0	0
ENSG0000(BCRP5)	unprocess	chr22	20697962	20698934	-	0	0
ENSG0000(SLC25A5P2)	processed	chr2	33839782	33840678	-	0	0
ENSG0000(RPL24P2)	processed	chr20	21114723	21115197	+	3.25	3.39
ENSG0000(AC009303)	antisense	chr2	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP4-785J1)	processed	chr1	26647447	26647681	+	0	0
ENSG0000(AC068138)	lincRNA	chr2	2.26E+08	2.26E+08	-	0	0
ENSG0000(RP11-759L)	processed	chrX	16474342	16475340	-	0	0
ENSG0000(AC012074)	lincRNA	chr2	25369136	25375845	-	0.07	0.04
ENSG0000(GAPDHP52)	processed	chr13	21358373	21359314	+	0.07	0.07
ENSG0000(AC073842)	antisense	chr7	1E+08	1E+08	+	0	0
ENSG0000(AC142528)	antisense	chr2	3519275	3523197	+	0	0.07
ENSG0000(ZRANB2-AS)	antisense	chr1	71048855	71067184	+	0	0
ENSG0000(MTND5P2)	unprocess	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC010492)	processed	chr19	54229036	54230213	+	0	0

ENSG0000(SUMO1P3 processed_ chr1	1.6E+08	1.6E+08 +	0	0
ENSG0000(RP11-669N processed_ chr1	1.89E+08	1.89E+08 +	0	0
ENSG0000(CHCHD2P6 processed_ chr1	15604597	15605043 +	0.18	0
ENSG0000(AC091153. antisense chr17	4673830	4696831 +	0	0
ENSG0000(FNDC1-IT1 sense_intr chr6	1.59E+08	1.59E+08 +	0	0
ENSG0000(RP4-620E1 processed_ chr20	41459354	41461944 -	0	0
ENSG0000(RP3-445O1 processed_ chr1	81208568	81209210 +	0	0
ENSG0000(RPL7L1P3 processed_ chr7	75922755	75923443 +	0	0
ENSG0000(WI2-85898 lincRNA chr22	45875999	45887748 -	0	0
ENSG0000(ID2-AS1 antisense chr2	8666636	8681863 -	2.86	2.34
ENSG0000(AC006335. unprocess chrY	6306042	6307920 +	0	0
ENSG0000(RP11-1217 unprocess chr7	57147986	57150347 -	0	0
ENSG0000(RP11-83A1 antisense chr1	2.46E+08	2.46E+08 +	0	0
ENSG0000(LINC00330 lincRNA chr13	44799503	44809630 -	0	0
ENSG0000(ANKRD65 protein_co chr1	1418420	1421769 -	0.64	0.8
ENSG0000(RP1-23E21 lincRNA chr6	93070387	93103384 +	0	0
ENSG0000(RP11-80H5 lincRNA chr10	89667181	89699671 -	0	0
ENSG0000(SETP9 transcribec chr1	1.61E+08	1.61E+08 +	0	0
ENSG0000(ADI1P1 processed_ chr20	41331123	41331660 +	0	0
ENSG0000(RP11-329A processed_ chr1	48435967	48437223 +	0.07	0
ENSG0000(LINC00094 protein_co chr9	1.34E+08	1.34E+08 +	17.5	15.81
ENSG0000(IFNA12P unprocess chr9	21403081	21403651 +	0	0
ENSG0000(ZSCAN31 protein_co chr6	28324693	28356271 -	6	7.39
ENSG0000(RP11-8J23. processed_ chr3	1.44E+08	1.44E+08 -	0	0
ENSG0000(RP1-29C18 sense_intr chr22	49612657	49615716 -	0	0
ENSG0000(HSPE1P27 processed_ chr1	21161475	21162081 +	0	0
ENSG0000(RP11-241I2 processed_ chr10	32109861	32111666 +	0	0
ENSG0000(CHCHD2P8 processed_ chr13	28107431	28107877 +	0	0
ENSG0000(AC010731. protein_co chr2	2.07E+08	2.07E+08 +	0	0
ENSG0000(RP11-9M1(lincRNA chr9	1.14E+08	1.14E+08 -	1.56	3.44
ENSG0000(BSN-AS1 antisense chr3	49640483	49641769 -	0	0
ENSG0000(RP11-90L2l antisense chr1	2.02E+08	2.02E+08 -	0.09	0
ENSG0000(RP3-417L2l antisense chr6	49817430	49820442 +	0	0
ENSG0000(DSCAM-AS antisense chr21	40383083	40385358 +	0	0
ENSG0000(KRT8P17 processed_ chrX	57984686	57986133 +	0	0
ENSG0000(AC128709. lincRNA chr3	1.97E+08	1.97E+08 -	0	0
ENSG0000(AC068286. lincRNA chr2	14886647	14907664 -	0	0
ENSG0000(AC013474. processed_ chr2	1.27E+08	1.27E+08 +	0	0.09
ENSG0000(FABP7P2 processed_ chr2	95368507	95368885 -	0	0
ENSG0000(RP5-1092A antisense chr1	3712200	3714298 -	0	0
ENSG0000(RPL35AP22 processed_ chr9	1.18E+08	1.18E+08 -	0	0
ENSG0000(RP13-146A processed_ chrX	55599663	55600106 -	0	0
ENSG0000(HSP90AB6l processed_ chr13	96883842	96885821 -	0	0
ENSG0000(RP11-374P antisense chr9	1.34E+08	1.34E+08 +	0	0
ENSG0000(AC003984. lincRNA chr7	84532476	84584322 +	0	0

ENSG0000(RP11-135D) lincRNA	chr10	59589150	59611248	+	0	0
ENSG0000(COX6CP17) processed	chr10	7295106	7295290	-	0	0
ENSG0000(RP1-60O19) lincRNA	chr6	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP1-65J11) antisense	chr1	30858158	30860254	+	0	0
ENSG0000(RPSAP16) processed	chr1	1.8E+08	1.8E+08	+	0.08	0
ENSG0000(RP5-857K2) lincRNA	chr1	587629	594768	+	0	0
ENSG0000(AC128677) processed	chr2	92006680	92007121	-	0	0
ENSG0000(HMGB3P2) processed	chr9	31644576	31645160	-	0	0
ENSG0000(RP11-45I2C) lincRNA	chr4	1.86E+08	1.86E+08	+	0	0
ENSG0000(RCBTB2P1) processed	chr10	88785600	88787061	-	0	0
ENSG0000(AC114730) lincRNA	chr2	2.42E+08	2.42E+08	+	0	0
ENSG0000(RP5-865N1) lincRNA	chr1	2.32E+08	2.32E+08	+	0	0
ENSG0000(CTA-280A3) lincRNA	chr22	48044710	48048549	-	0	0
ENSG0000(TMEM30C) transcribed	chr3	1E+08	1E+08	+	0	0
ENSG0000(AC087430) lincRNA	chr3	1008135	1012934	+	0	0
ENSG0000(RP6-109B7) lincRNA	chr22	46067356	46069891	-	0	0
ENSG0000(AC009878) lincRNA	chr15	26395072	26446774	+	0	0
ENSG0000(C12orf75) protein_coding	chr12	1.05E+08	1.05E+08	+	42.74	41.87
ENSG0000(RP11-410C) processed	chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(CDK5P1) processed	chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(LINC01440) lincRNA	chr20	55408898	55482777	+	0	0
ENSG0000(RP1-12G14) lincRNA	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(SMIM1) protein_coding	chr1	3772788	3775982	+	1.51	0.75
ENSG0000(MTND1P3) processed	chrX	62842542	62843502	+	0	0
ENSG0000(LINC01366) lincRNA	chr5	1.7E+08	1.7E+08	+	0.15	0
ENSG0000(HGH1) protein_coding	chr8	1.44E+08	1.44E+08	+	9.23	8.58
ENSG0000(RPL39P3) processed	chr6	73373108	73373263	-	6.67	0
ENSG0000(RPL26P37) processed	chrY	5793300	5793737	-	0	0
ENSG0000(LINC00601) lincRNA	chr10	1.26E+08	1.26E+08	-	0.15	0.17
ENSG0000(AC009892) unprocessed	chr19	54551970	54552256	+	0	0
ENSG0000(RP11-348H) processed	chr1	2.13E+08	2.13E+08	+	0	0
ENSG0000(RP11-613C) processed	chr17	49795343	49795669	+	0	0
ENSG0000(RP5-1056L) antisense	chr1	19591802	19596832	-	0	0
ENSG0000(AC103563) unprocessed	chr2	94991880	94994362	+	0	0
ENSG0000(RP4-537K2) antisense	chrX	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP1-197O1) processed	chrX	1.32E+08	1.32E+08	+	0	0
ENSG0000(NUCB1-AS) antisense	chr19	48910930	48918891	-	0	0
ENSG0000(AC009495) lincRNA	chr2	1.66E+08	1.66E+08	+	0	0
ENSG0000(AC006987) unprocessed	chrY	10088026	10089586	+	0	0.15
ENSG0000(PPP1R3E) protein_coding	chr14	23295643	23302848	-	5.08	5.19
ENSG0000(RP1-3E10) processed	chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(ZNF33CP) processed	chr10	37894637	37896666	+	0	0
ENSG0000(CTA-109P1) lincRNA	chr10	1.18E+08	1.18E+08	-	0	0
ENSG0000(CYP2C58P) processed	chr10	94865852	94873129	-	0	0
ENSG0000(LINC01702) lincRNA	chr1	67522347	67532612	+	0	0

ENSG0000(RP11-127L: lincRNA	chr9	1.19E+08	1.19E+08	+	0	0
ENSG0000(LINC01525: lincRNA	chr1	1.17E+08	1.17E+08	+	0	0
ENSG0000(TBC1D3P3: unprocessε	chr17	20543481	20550963	-	0	0
ENSG0000(RP11-121A: antisense	chr9	1.24E+08	1.24E+08	-	0	0
ENSG0000(TATDN2P3: processed_	chr13	23243520	23247184	+	0	0
ENSG0000(TUBBP6: processed_	chr7	55645620	55646951	+	0.04	0
ENSG0000(RPL7AL3: processed_	chr20	16684108	16684404	-	0	0
ENSG0000(CTA-150C2: lincRNA	chr22	38921227	38924708	+	0	0.33
ENSG0000(TMSB10P2: processed_	chrX	18341216	18341346	+	0	0
ENSG0000(OR6E1P: unprocessε	chr14	22702143	22703065	+	0	0
ENSG0000(FAM83C-A: antisense	chr20	35285251	35285756	+	0	0
ENSG0000(RP11-145N: lincRNA	chr1	59055999	59078116	-	0	0
ENSG0000(TSPY26P: transcribed	chr20	32186477	32190527	-	0.83	0.86
ENSG0000(AC092638: processed_	chr2	1.93E+08	1.93E+08	-	0	0
ENSG0000(CTC-233O1: unprocessε	chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP11-459J: lincRNA	chr13	69311333	69322101	+	0	0
ENSG0000(RP11-236P: processed_	chrX	53113018	53113274	-	0	0
ENSG0000(AC016712: processed_	chr2	2.23E+08	2.23E+08	+	0	0
ENSG0000(RP11-419N: processed_	chr1	1.6E+08	1.6E+08	+	0	0
ENSG0000(VN1R38P: unitary_ps	chr7	64180006	64180892	-	0	0
ENSG0000(MRPS18BP: processed_	chr2	1.4E+08	1.4E+08	+	0	0
ENSG0000(IGKV1OR2-IG_V_pseu	chr2	91817771	91818248	+	0	0
ENSG0000(RP13-131K: antisense	chr3	48979918	48983985	-	0	0
ENSG0000(RP1-151B1: antisense	chr22	37166757	37182850	+	0	0.12
ENSG0000(SUMO2P1: processed_	chr6	29636060	29636343	-	0	0
ENSG0000(RP1-203C2: processed_	chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(AC026185: unprocessε	chr3	11488300	11488473	-	0	0
ENSG0000(RP11-108N: processed_	chr1	16889095	16889602	+	0	0
ENSG0000(AC010982: lincRNA	chr2	1.14E+08	1.14E+08	-	0	0
ENSG0000(AC093716: processed_	chr7	84847877	84848253	-	0	0
ENSG0000(DANT2: lincRNA	chrX	1.16E+08	1.16E+08	-	0.03	0.18
ENSG0000(RP11-122K: antisense	chr10	1.33E+08	1.33E+08	-	0.77	0.97
ENSG0000(RP1-5O6.5: antisense	chr22	38231320	38232248	+	0	0
ENSG0000(OR13C1P: unprocessε	chr9	1.05E+08	1.05E+08	-	0.06	0
ENSG0000(RP11-384B: processed_	chr1	87044935	87045871	-	0	0
ENSG0000(AC010240: processed_	chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(TMEM185: unprocessε	chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(FKBP4P7: processed_	chr9	62710036	62711398	-	0	0
ENSG0000(ITGA9-AS1: processed_	chr3	37745432	37861780	-	3.81	3.57
ENSG0000(NDUFB4P6: processed_	chr2	1.12E+08	1.12E+08	-	0	0
ENSG0000(KDM5C-IT1: sense_intr	chrX	53212408	53214679	-	0.26	0.12
ENSG0000(RP13-392I: lincRNA	chr1	9501092	9503471	-	0	0
ENSG0000(RPL5P28: processed_	chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(RPL22P17: processed_	chr10	1.03E+08	1.03E+08	-	0	0
ENSG0000(AC074117: processed_	chr2	27455156	27455862	+	0	0

ENSG0000(KDM4E protein_co chr11	95025258	95027596	+	0	0
ENSG0000(AL162759.lincRNA chr14	53768942	53850882	-	0	0
ENSG0000(LINC01422 lincRNA chr22	26903292	26920611	+	0	0.16
ENSG0000(FAM103A2 processed_chr6	1.67E+08	1.67E+08	-	21.64	15.29
ENSG0000(RP1-107N3 processed_chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(KRT18P16 processed_chr5	1.24E+08	1.24E+08	+	0	0
ENSG0000(AF127577.antisense chr21	14918534	14947096	+	0	0
ENSG0000(ZNF652P1 processed_chr3	50786674	50788285	-	0	0
ENSG0000(RP11-539E sense_intron chr10	51302566	51306709	+	0	0
ENSG0000(MCF2L-AS1 antisense chr13	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-526P lincRNA chr10	2501783	2567239	+	0	0
ENSG0000(DYNLL1P3 processed_chr1	18513118	18513383	+	0	0
ENSG0000(SNORD62A snoRNA chr9	1.31E+08	1.31E+08	+	0	0
ENSG0000(SMIM2-IT1 sense_intron chr13	44146470	44158222	-	0	0
ENSG0000(AP000925. processed_chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-70C1 antisense chr3	42785087	42852428	-	9.89	12.8
ENSG0000(BRD7P6 processed_chr2	70353010	70355915	+	0	0
ENSG0000(HLA-W unprocessed chr6	29956596	29958570	+	0	0
ENSG0000(RP4-796I8.lincRNA chr20	12243895	12244296	-	0	0
ENSG0000(AC114814.lincRNA chr2	2.35E+08	2.35E+08	+	0	0
ENSG0000(RPL7AP25 processed_chr3	1.82E+08	1.82E+08	-	0	0
ENSG0000(LINC01634 lincRNA chr22	18029385	18037968	+	0	0
ENSG0000(AC137723.antisense chr17	81941869	81947601	+	0	0
ENSG0000(FAUP1 processed_chr18	74389884	74390297	-	0	0
ENSG0000(RP11-575L antisense chr9	83972233	83975777	+	0	0
ENSG0000(MRPL53P1 processed_chr1	1.13E+08	1.13E+08	-	0	0
ENSG0000(THRA1/BTF antisense chr17	48294335	48308762	+	0	0
ENSG0000(HLA-Z unprocessed chr6	32896416	32896490	+	0	0
ENSG0000(RP1-79C4.1 lincRNA chr1	1.71E+08	1.71E+08	+	0	0.03
ENSG0000(LINC01281 lincRNA chrX	39304956	39327362	-	0	0
ENSG0000(GAPDHP34 processed_chr13	36740041	36740863	+	0	0
ENSG0000(RP11-82K1 processed_chr1	88923370	88923844	+	0	0
ENSG0000(GXYLT1P6 processed_chr9	64488600	64489786	+	0	0
ENSG0000(KRTAP19-1 unprocessed chr21	30514613	30514799	-	0	0
ENSG0000(HM13-IT1 sense_intron chr20	31563166	31564076	+	0.52	0.57
ENSG0000(LINC00957 lincRNA chr7	44039171	44042306	+	2.49	2.12
ENSG0000(RPL23AP6 processed_chr13	25206049	25206506	+	0	0.19
ENSG0000(DUSP8P5 processed_chr10	73731824	73733638	+	1.21	1.16
ENSG0000(MTND4LP1 unprocessed chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(AC012360.lincRNA chr2	1.05E+08	1.05E+08	+	0	0
ENSG0000(AC007556.antisense chr2	1.69E+08	1.69E+08	+	0.68	0
ENSG0000(COTL1P2 processed_chr17	20564538	20564889	+	0	0
ENSG0000(AC009963. processed_chr2	1.08E+08	1.08E+08	-	0	0
ENSG0000(AC006946. processed_chr22	17093612	17093939	-	0	0
ENSG0000(RP5-1168A processed_chrX	1.13E+08	1.13E+08	+	0	0

ENSG0000(RPL12P25	transcribed	chr9	477750	478423	+	0.15	0.17
ENSG0000(RPSAP76	processed	chr9	1.25E+08	1.25E+08	-	0	0.08
ENSG0000(PVRIG2P	transcribed	chr7	1E+08	1E+08	+	0	0.7
ENSG0000(BTG3P1	processed	chrX	1.28E+08	1.28E+08	+	0	0
ENSG0000(AC016723.	antisense	chr2	1.68E+08	1.68E+08	-	0	0
ENSG0000(AC114765.	lincRNA	chr2	2.2E+08	2.2E+08	+	0	0
ENSG0000(DUSP5P2	processed	chr3	9600748	9602728	+	0	0
ENSG0000(GEMIN2P2	processed	chr3	41977008	41978034	+	0	0
ENSG0000(LINC01665	lincRNA	chr22	16746869	16748645	-	0	0
ENSG0000(RP1-37M3.	processed	chr22	45792418	45793636	-	0	0
ENSG0000(RP11-561N	processed	chr7	64566814	64567443	-	0	0
ENSG0000(AF196972.	unprocessed	chrX	48433201	48441619	+	0	0
ENSG0000(AC114730.	antisense	chr2	2.42E+08	2.42E+08	-	0	0
ENSG0000(AC023128.	processed	chr2	1.45E+08	1.45E+08	-	0	0
ENSG0000(RPS29P16	processed	chr7	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-428G	lincRNA	chr10	65313785	65314970	+	0	0
ENSG0000(LINC01621	lincRNA	chr6	79803583	79807225	-	0	0
ENSG0000(RP11-399E	lincRNA	chr1	41242373	41284861	+	0.11	0
ENSG0000(AC016292.	antisense	chr17	1181893	1185086	+	0	0
ENSG0000(SNRPGP10	processed	chr1	2.05E+08	2.05E+08	+	0	0
ENSG0000(LINC01055	lincRNA	chr13	45680184	45701184	-	0	0
ENSG0000(SAPCD2P2	processed	chr7	57424503	57425676	+	0	0
ENSG0000(RPL36AP15	processed	chr2	47797826	47798091	-	0	1.01
ENSG0000(DNM1P51	transcribed	chr15	84398316	84411701	-	0.31	0.78
ENSG0000(RP4-764D2	processed	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(SSR4P1	transcribed	chr21	45070952	45074165	-	1.08	1.18
ENSG0000(RPEL1	protein_coding	chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-388B	processed	chr9	82130752	82131632	+	0	0
ENSG0000(MRPS10P1	processed	chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(RPL7P31	processed	chr7	34710757	34711480	+	0	0
ENSG0000(RP11-477D	antisense	chr6	1.55E+08	1.55E+08	-	0.09	0.15
ENSG0000(MTND4P31	processed	chrX	70124972	70129071	-	0	0
ENSG0000(LINC02154	lincRNA	chrX	13266048	13303452	-	1.35	1.79
ENSG0000(RP11-397A	unprocessed	chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(SPAAR	protein_coding	chr9	35909483	35937153	+	0.14	0.32
ENSG0000(RP11-134K	sense_intronic	chr9	8700595	8701552	-	0	0
ENSG0000(CTD-2651B	processed	chr15	45321077	45321692	-	0	0
ENSG0000(EPN2-AS1	antisense	chr17	19296596	19306261	-	0	0
ENSG0000(RP11-204P	antisense	chr6	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP4-641G1	processed	chr1	78749073	78750659	+	0	0
ENSG0000(AC114808.	antisense	chr2	1059133	1068341	-	0	0
ENSG0000(CYMP-AS1	lincRNA	chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(SNORA71B	snoRNA	chr20	38425083	38425354	-	4.77	0
ENSG0000(RP11-397C	antisense	chr10	14074284	14087605	+	0.16	0
ENSG0000(AC007041.	processed	chr2	20239892	20241046	-	0	0

ENSG0000(TTTY4B	lincRNA	chrY	24570202	24607025	+	0	0
ENSG0000(KRT18P63	processed_	chr4	17911674	17912976	+	0	0
ENSG0000(RPSAP24	processed_	chr2	1.74E+08	1.74E+08	+	0	0
ENSG0000(AC005808.	lincRNA	chr20	53608354	53634590	+	0	0
ENSG0000(RP3-339A1	processed_	chrX	53456273	53457029	-	0	0
ENSG0000(AC010149.	antisense	chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(RPL29P30	transcribec	chr15	70796597	70802688	-	0	0
ENSG0000(RP11-667F	unprocessε	chr7	65525629	65554744	-	0	0
ENSG0000(KATNBL1P:	processed_	chr18	2593674	2594913	-	0	0
ENSG0000(RP11-282C	antisense	chr12	1.23E+08	1.23E+08	-	2.12	2.26
ENSG0000(SUMO2P1(processed_	chr3	33077204	33077491	+	0	0
ENSG0000(RPS7P13	processed_	chrX	95679130	95679627	-	0	0
ENSG0000(RP11-342N	antisense	chr10	79382328	79409274	+	0	0
ENSG0000(AC006159.	antisense	chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(AC083875.	processed_	chr7	1.33E+08	1.33E+08	-	0	0
ENSG0000(ZSWIM5P1	processed_	chr17	15768717	15771426	-	0	0
ENSG0000(AC006373.	lincRNA	chr7	9961024	9981817	+	0	0
ENSG0000(RP5-930J4.	unprocessε	chr1	20692734	20694013	-	0	0
ENSG0000(MTATP6P1	unprocessε	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RP11-91K1	antisense	chr1	19814367	19819502	+	0	0
ENSG0000(AC064865.	lincRNA	chr2	1.45E+08	1.45E+08	-	0	0
ENSG0000(DPY19L2P4	transcribec	chr7	90119400	90125600	+	0.01	0
ENSG0000(LINC01278	processed_	chrX	63343227	63561071	-	10.39	10.2
ENSG0000(ESRRAP2	transcribec	chr13	21260015	21295003	+	0	0.08
ENSG0000(RP11-214J:	processed_	chr2	26101317	26102136	-	0	0
ENSG0000(PSMB3P2	processed_	chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(XXbac-B47	sense_intr	chr22	17983205	17983619	-	0	0
ENSG0000(RP11-74K1	lincRNA	chr1	69243372	69249423	-	0	0
ENSG0000(TRAPPC13f	processed_	chrX	76655498	76656559	-	0	0
ENSG0000(LURAP1L-A	antisense	chr9	12700100	12814345	-	0.24	0.09
ENSG0000(RP11-480I:	processed_	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(RP11-142A	lincRNA	chr7	91380778	91556848	-	0	0
ENSG0000(PNPLA4P1	unprocessε	chrY	14081075	14086600	+	0	0
ENSG0000(TOPORS-A:	protein_co	chr9	32551144	32567005	+	9.49	9.9
ENSG0000(HAUS6P3	processed_	chr7	53862233	53863339	+	0	0
ENSG0000(IQCF5-AS1	antisense	chr3	51873596	51875767	+	0	0
ENSG0000(RPS26P31	processed_	chr7	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP5-928E2	lincRNA	chrX	85210706	85219698	+	0	0
ENSG0000(TAB3P1	transcribec	chrY	13153931	13162214	-	0.07	0
ENSG0000(AC078974.	processed_	chr2	85068809	85069031	-	0	0
ENSG0000(AC007652.	lincRNA	chr7	35496021	35510263	-	0	0
ENSG0000(RPL10AP5	processed_	chr1	2.42E+08	2.42E+08	+	0	0
ENSG0000(MRPL50P4	processed_	chr10	59551404	59551878	-	0	0
ENSG0000(NEURL1-AS	antisense	chr10	1.03E+08	1.04E+08	-	0	0
ENSG0000(EIF4A1P7	processed_	chr13	28598833	28600052	+	0	0

ENSG0000(LINC01372 lincRNA chr7	67335976	67340024	+	0.62	0.68
ENSG0000(LINC01664 lincRNA chr22	17121586	17132104	+	0	0
ENSG0000(RAB9AP4 unprocessed chrY	18649671	18650279	+	0	0
ENSG0000(RP11-363D antisense chr2	96527940	96532306	-	0.18	0.2
ENSG0000(UBE2R2-AS antisense chr9	33785950	33818795	-	0.21	0
ENSG0000(RPL21P135 processed_ chr3	37748110	37748900	+	0.08	0.09
ENSG0000(GYG2-AS1 antisense chrX	2852740	2853760	-	0	0
ENSG0000(RP1-101G1 processed_ chr22	34589085	34591278	-	0	0
ENSG0000(AC114755. unprocessed chr2	1.06E+08	1.06E+08	+	0	0
ENSG0000(JARID2-AS1 antisense chr6	15247815	15248634	-	0	0
ENSG0000(DBF4P1 processed_ chr10	64168959	64170850	-	0.03	0
ENSG0000(LINC01889 lincRNA chr2	1.26E+08	1.26E+08	+	0	0
ENSG0000(LINC01221 lincRNA chr1	1.99E+08	1.99E+08	+	0	0
ENSG0000(LINC01967 lincRNA chr3	27997210	28028604	-	1.25	0.52
ENSG0000(RP11-498P lincRNA chr9	97233201	97235014	+	0	0
ENSG0000(AC010987. lincRNA chr2	67565604	67684077	-	0	0
ENSG0000(AC012506. lincRNA chr2	23375229	23381299	-	0	0
ENSG0000(AC073046. lincRNA chr2	73985132	73986343	+	0.88	0.73
ENSG0000(SNX19P2 processed_ chr13	18892260	18895230	-	0	0
ENSG0000(RP4-639F2 antisense chr1	94927566	94963270	+	2.21	1.94
ENSG0000(AC079799. antisense chr7	83355154	83362266	+	0	0
ENSG0000(RP11-693N transcribed chr11	1.05E+08	1.05E+08	-	0.47	0
ENSG0000(RPS2P7 processed_ chr20	45640486	45641370	-	0	0.16
ENSG0000(BX842568. unprocessed chrX	36957913	36958139	+	0	0
ENSG0000(OFD1P18Y unprocessed chrY	25871931	25898653	-	0	0
ENSG0000(TAB3-AS2 antisense chrX	30854321	30854707	+	0	0
ENSG0000(RP4-756G2 antisense chr22	41209122	41217627	-	2.33	4.13
ENSG0000(LLPHP2 processed_ chr21	25762938	25763333	-	0	0
ENSG0000(AC011196. lincRNA chr15	26657030	26658763	-	0	0
ENSG0000(LINC01815 lincRNA chr2	81462695	81466946	-	0	0
ENSG0000(USP9YP27 unprocessed chrY	17788315	17789484	-	0	0
ENSG0000(AC009505. antisense chr2	1.06E+08	1.06E+08	-	0	0.14
ENSG0000(RP11-63P1 lincRNA chr9	72257336	72257783	+	0	0
ENSG0000(MTCO1P23 processed_ chr10	69591406	69592931	-	0	0
ENSG0000(FTLP1 processed_ chr20	45975249	45976075	-	0	0
ENSG0000(RP5-1028L antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(HIPK1-AS1 antisense chr1	1.14E+08	1.14E+08	-	0.04	0.06
ENSG0000(AGAP1-IT1 sense_intronic chr2	2.36E+08	2.36E+08	+	0.1	0
ENSG0000(AC087294. antisense chr17	21214331	21230035	+	0.1	0.17
ENSG0000(MSC-AS1 antisense chr8	71828167	72118393	+	27.87	29.7
ENSG0000(LINC00402 lincRNA chr13	74231457	74259976	+	0	0
ENSG0000(RP11-284P lincRNA chr9	14025971	14030115	+	0	0
ENSG0000(FEHP1 processed_ chr3	34872641	34873854	+	0	0
ENSG0000(RP11-532N antisense chr6	1.23E+08	1.24E+08	+	0.44	3.25
ENSG0000(AC009411. lincRNA chr2	21630548	21636309	-	0	0

ENSG0000(RP1-230L1) lincRNA	chr6	1.64E+08	1.64E+08	+	0	0
ENSG0000(MTND1P3) processed	chrX	1.43E+08	1.43E+08	+	0	0
ENSG0000(RPS11P1) processed	chr20	11345383	11345855	-	0	0
ENSG0000(RP11-230B) antisense	chr1	62688482	62710694	+	0.1	0.05
ENSG0000(AC087499) processed	chr17	20612667	20614008	+	0	0
ENSG0000(NDUFB11P) processed	chr11	92336032	92336496	-	0	0
ENSG0000(AC073551) processed	chr2	1.56E+08	1.56E+08	-	0	0
ENSG0000(EIF1P2) processed	chr1	38958275	38958925	-	0	0
ENSG0000(ANKRD26P) unprocess	chr13	38922727	38936199	-	0	0
ENSG0000(RPL6P27) transcribed	chr18	6462144	6463015	-	0.14	0.16
ENSG0000(AC005822) processed	chr17	16616848	16617881	-	0	0
ENSG0000(SUMO1P4) processed	chr19	49275119	49275420	+	0	0
ENSG0000(RP11-1198) unprocess	chr5	71220356	71259238	-	0	0
ENSG0000(NOP56P1) processed	chr6	28783633	28784004	-	0	0
ENSG0000(AC002310) antisense	chr16	30534752	30537144	+	0.62	0.53
ENSG0000(RP11-334A) antisense	chr1	53114576	53118609	+	0.12	0.26
ENSG0000(AP000477) lincRNA	chr21	23960905	23967273	-	0	0
ENSG0000(NFAM1) protein_co	chr22	42380410	42432395	-	0.01	0
ENSG0000(LINC00533) lincRNA	chr6	28648286	28649066	-	0	0
ENSG0000(SNX18P14) processed	chr2	94786688	94787261	-	0	0
ENSG0000(RP11-555H) lincRNA	chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP3-412A9) processed	chr22	31113017	31113396	+	0	0
ENSG0000(AC073150) processed	chr7	27491682	27492765	-	0	0
ENSG0000(RP4-800F2) antisense	chr1	1.69E+08	1.69E+08	+	0	0
ENSG0000(LINC01871) lincRNA	chr2	7725801	7730705	+	0	0
ENSG0000(XXbac-B33) lincRNA	chr22	20343203	20344365	-	0	0
ENSG0000(AC007283) processed	chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(GS1-111G1) processed	chr7	71942259	71942468	+	0	0
ENSG0000(RP11-448G) processed	chr1	1.98E+08	1.98E+08	+	0	0
ENSG0000(AC007562) unprocess	chrY	25512301	25527786	-	0	0
ENSG0000(AC008268) lincRNA	chr2	95666084	95668715	+	0	0.23
ENSG0000(AC011247) antisense	chr2	38601598	38602178	+	0	0
ENSG0000(GAPDHP65) processed	chrX	46439709	46440714	-	0	0.06
ENSG0000(GNAS-AS1) antisense	chr20	58818919	58850903	-	0.18	0.36
ENSG0000(GS1-600G8) unprocess	chrX	13327937	13329867	+	0	0
ENSG0000(RBMS3-AS) antisense	chr3	29926811	29934156	-	0	0
ENSG0000(RP11-380D) processed	chr20	56267872	56269231	+	0	0
ENSG0000(GAPDHP23) processed	chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(LINC01102) lincRNA	chr2	1.04E+08	1.05E+08	+	0	0.03
ENSG0000(RRM2P4) processed	chrX	1.44E+08	1.44E+08	+	0	0
ENSG0000(BARX1-AS1) lincRNA	chr9	93955597	93959140	+	0	0
ENSG0000(POU5F1P3) processed	chr12	8133772	8134849	-	0	0
ENSG0000(RP5-827C2) processed	chr1	2.34E+08	2.34E+08	-	0	0
ENSG0000(AK4P6) processed	chr4	1.51E+08	1.51E+08	+	0	0
ENSG0000(NKX1-1) protein_co	chr4	1402932	1406331	-	0	0

ENSG0000(AF127936.lincRNA	chr21	14818843	15014430	-	0.38	0.42
ENSG0000(AC013448.lincRNA	chr2	2.24E+08	2.24E+08	+	0	0
ENSG0000(RP1-158P9.lincRNA	chr1	56145721	56155224	+	0	0
ENSG0000(NSRP1P1.processed_	chr1	77847110	77848802	+	0	0
ENSG0000(AJ239322.1.lincRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(ST13P2.processed_	chr2	1.88E+08	1.88E+08	+	0	0
ENSG0000(XXbac-B47.unprocessε	chr22	18101612	18101888	+	0	0
ENSG0000(FAM21EP.transcribec	chr10	50021182	50067803	-	0.8	0.26
ENSG0000(RPL36AP33.processed_	chr9	35507564	35507873	+	0	0
ENSG0000(AC020743.lincRNA	chr7	50274790	50275622	-	0	0
ENSG0000(LINC00494.lincRNA	chr20	48359950	48370629	+	0	0
ENSG0000(OR7E110P.unprocessε	chr10	14986942	14987515	-	0	0
ENSG0000(RP11-203P.lincRNA	chr13	78275720	78277514	-	0	0
ENSG0000(KRT18P66.processed_	chr9	30773464	30774732	+	0	0
ENSG0000(SNRPFP4.processed_	chr3	48161176	48161417	+	0	0
ENSG0000(TNR-IT1.sense_intrc	chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(AC090952.antisense	chr3	14648194	14649432	-	0	0
ENSG0000(RNF148.protein_co	chr7	1.23E+08	1.23E+08	-	0	0
ENSG0000(AC016644.antisense	chr5	56941307	56947152	+	0	0
ENSG0000(NUS1P1.processed_	chrX	47512602	47513483	-	0	0
ENSG0000(RP11-457D.antisense	chr10	17862887	17865471	-	0	0
ENSG0000(MTND6P14.processed_	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(AC002069.processed_	chr7	88512029	88513187	-	0	0
ENSG0000(AC092646.processed_	chr2	1.24E+08	1.24E+08	+	0	0
ENSG0000(LINC00484.lincRNA	chr9	91159573	91165658	+	0	0
ENSG0000(PTP4A1P5.processed_	chrX	27427777	27428231	-	0	0
ENSG0000(LINC01647.lincRNA	chr1	11609531	11613355	+	0.05	0
ENSG0000(RPL10P5.processed_	chr2	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-242G.lincRNA	chr10	69684899	69692452	+	0	0
ENSG0000(MTND1P2.unprocessε	chr7	64111752	64112572	-	0	0
ENSG0000(RP1-172B2.processed_	chr22	39750127	39751293	+	0	0
ENSG0000(MXRA5Y.unprocessε	chrY	11957208	11987386	+	0	0
ENSG0000(AC064850.processed_	chr2	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-545I5.antisense	chr6	1.46E+08	1.46E+08	+	8.88	9.38
ENSG0000(AC007253.processed_	chr2	39929110	39929998	+	0	0
ENSG0000(H3F3AP4.processed_	chr2	1.75E+08	1.75E+08	+	119.94	139.34
ENSG0000(RPL36P18.processed_	chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-374M.lincRNA	chr9	61865755	61866965	-	0	0
ENSG0000(LINC00345.lincRNA	chr13	52484161	52484680	-	0	0
ENSG0000(MIR670HG.lincRNA	chr11	43569306	43570395	+	0	0
ENSG0000(SAPCD1-AS.antisense	chr6	31764310	31765588	-	0	0
ENSG0000(LINC00298.lincRNA	chr2	7922425	8278084	-	0.02	0.03
ENSG0000(AC004593.antisense	chr7	29199540	29208970	-	0	0
ENSG0000(RPL21P40.processed_	chr3	32030196	32030678	+	0	0
ENSG0000(AC090286.transcribec	chr17	18908279	18908865	+	0	0.53

ENSG0000(RP11-109P)	processed_chr1	37840986	37841676	+	0	0
ENSG0000(LDHAP2)	processed_chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(NPM1P26)	processed_chr10	96560185	96560922	+	0	0
ENSG0000(OR5AN2P)	unprocessε chr11	59309681	59310576	-	0	0
ENSG0000(RP11-4491)	processed_chr10	30383400	30383622	+	0	0
ENSG0000(AC008746)	processed_chr19	54446830	54447047	+	0	0
ENSG0000(AC018442)	processed_chr8	99695957	99698017	+	0	0
ENSG0000(RP11-126D)	processed_chrX	40514895	40515508	+	0	0
ENSG0000(PPIAP20)	processed_chr19	12508129	12508263	+	0	0
ENSG0000(LINC00993)	lincRNA_chr10	37309185	37347031	+	0	0
ENSG0000(AC116614)	antisense_chr2	949627	950274	-	0	0
ENSG0000(AP000351)	unprocessε chr22	24006305	24008258	-	0	0
ENSG0000(CUBNP3)	unprocessε chr10	45127318	45148914	+	0	0
ENSG0000(AC006987)	unprocessε chrY	10090802	10091207	+	0.21	0
ENSG0000(RP11-395P)	processed_chr3	47663626	47663934	+	0	0
ENSG0000(PA2G4P2)	processed_chr20	12380056	12381255	+	0	0
ENSG0000(CXorf51B)	protein_co chrX	1.47E+08	1.47E+08	+	0	0
ENSG0000(CYCSP52)	processed_chr1	1.57E+08	1.57E+08	+	0	0
ENSG0000(PCBP2P1)	processed_chr21	39171130	39172106	-	0	0.21
ENSG0000(LINC00894)	antisense_chrX	1.5E+08	1.5E+08	+	1.3	1.4
ENSG0000(RP11-342N)	transcribec chr10	79507597	79510922	-	0	0
ENSG0000(DICER1-AS)	antisense_chr14	95157645	95179933	+	2.61	2.19
ENSG0000(RP11-323A)	processed_chr9	75401889	75402992	-	0	0
ENSG0000(RP5-1097F)	antisense_chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(ANKRD34C)	protein_co chr15	79293285	79298235	+	0	0
ENSG0000(RP4-604G5)	unprocessε chr7	99992397	99993050	+	0	0
ENSG0000(KRT18P46)	processed_chr2	1.62E+08	1.62E+08	+	0	0
ENSG0000(DPP10-AS2)	antisense_chr2	1.15E+08	1.15E+08	-	0	0
ENSG0000(MFRP)	protein_co chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(FAM197Y1)	unprocessε chrY	21465384	21467163	-	0	0
ENSG0000(GABPAP)	processed_chr7	63893286	63894641	+	0	0
ENSG0000(AC013268)	processed_chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC009299)	antisense_chr2	1.61E+08	1.61E+08	-	0	0
ENSG0000(AC007389)	lincRNA_chr2	65589566	65640177	-	0.4	1.11
ENSG0000(AC010148)	processed_chr2	2.35E+08	2.35E+08	-	0	0.1
ENSG0000(AC007349)	lincRNA_chr7	36781008	36782789	+	0	0
ENSG0000(RP11-2906)	processed_chrX	1.44E+08	1.44E+08	+	0	0
ENSG0000(OR2AF1P)	processed_chrX	1.32E+08	1.32E+08	+	0	0
ENSG0000(AC124997)	lincRNA_chr15	25484831	25578791	-	0	0
ENSG0000(RP3-522P1)	antisense_chr6	25245356	25261411	-	0	0
ENSG0000(HMGN1P3)	processed_chr2	97827248	97827545	+	0	0
ENSG0000(RPL7AP72)	processed_chrX	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP1-10C16)	lincRNA_chr1	1.69E+08	1.69E+08	-	0	0
ENSG0000(TRIM60P1)	processed_chr13	66268997	66270458	+	0	0
ENSG0000(RP11-419N)	processed_chr7	55797946	55798480	-	0	0

ENSG0000(PHACTR2- <i>A</i> antisense	chr6	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP5-866L2) lincRNA	chr1	54516412	54517259	-	0	0
ENSG0000(RP11-5G18 processed_	chr10	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-439H lincRNA	chr6	23337711	23346560	+	0	0
ENSG0000(CTBP2P2 processed_	chr10	94646364	94647996	-	0	0
ENSG0000(SEPT14P12 processed_	chr1	1.97E+08	1.97E+08	-	0	0
ENSG0000(RP11-634B antisense	chr1	2.48E+08	2.48E+08	+	0.18	0.21
ENSG0000(KIAA0040 protein_co	chr1	1.75E+08	1.75E+08	-	0.04	0.09
ENSG0000(RP11-339A processed_	chr1	80092103	80093237	-	0	0
ENSG0000(ARHGAP42 processed_	chr22	15550904	15553838	-	0	0
ENSG0000(HCG20400) antisense	chr2	47527537	47535199	+	0	0
ENSG0000(MTCO3P46 processed_	chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(SNRPGP5 processed_	chr10	13104574	13104793	-	0	0
ENSG0000(BRD7P5 processed_	chr13	94757451	94759272	-	0	0
ENSG0000(LINC00607 lincRNA	chr2	2.16E+08	2.16E+08	-	2.02	1.68
ENSG0000(AP001625. antisense	chr21	42560374	42561934	-	0	0
ENSG0000(AC023347. lincRNA	chr2	1.26E+08	1.26E+08	+	0	0
ENSG0000(AC063976. unprocessε	chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(AC000089. processed_	chr22	19792294	19793094	+	0	0
ENSG0000(DPYD-AS2 antisense	chr1	97796921	97798066	+	0	0
ENSG0000(AC130360. unprocessε	chr8	7341826	7342942	+	0	0
ENSG0000(AC079779. lincRNA	chr2	305111	314367	-	0	0
ENSG0000(USP17L27 protein_co	chr4	9344148	9345740	+	0	0
ENSG0000(XXbac-BPG antisense	chr6	30516266	30519217	+	0.22	0.24
ENSG0000(RP3-333A1 antisense	chr1	70947379	70951493	+	0.09	0
ENSG0000(HNRNPA1F processed_	chr13	93394977	93395855	-	0	0
ENSG0000(AL109767. antisense	chr14	99262948	99264735	+	0	0
ENSG0000(ZNRF3-IT1 sense_intrε	chr22	28992721	29018620	+	0	0
ENSG0000(RP11-219I2 processed_	chr3	42469640	42469879	+	0	0
ENSG0000(RP11-73M) antisense	chr1	31644049	31660162	+	0	0.11
ENSG0000(MTND3P21 unprocessε	chr1	93924386	93924716	-	0	0
ENSG0000(RP11-421L) antisense	chr1	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-402G processed_	chr9	1.15E+08	1.15E+08	+	0	0
ENSG0000(HCFC1-AS1 antisense	chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(MTCO2P23 processed_	chr10	69590583	69591262	-	0	0
ENSG0000(RP4-535B2 processed_	chr1	65077413	65078131	-	0	0
ENSG0000(SOCS5P3 processed_	chr3	44709311	44710886	-	0.07	0
ENSG0000(RP4-646N3 lincRNA	chrX	38770331	38799658	+	0	0
ENSG0000(MYL6P2 processed_	chr21	39488327	39488760	+	0	0
ENSG0000(RP11-550A processed_	chr10	57513157	57513425	+	0	0
ENSG0000(RP11-510N processed_	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(ADAM21P1 transcribec	chr14	70245491	70247801	-	0	0
ENSG0000(RP11-308B lincRNA	chrX	1.35E+08	1.35E+08	+	0.07	0.15
ENSG0000(RP1-125N5 lincRNA	chr6	1.69E+08	1.69E+08	+	0	0
ENSG0000(PRELID1P3 processed_	chr10	63427297	63427939	+	0	0

ENSG0000(RP11-543E processed_ chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(VN1R17P processed_ chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RP11-359J lincRNA chr9	86414282	86414570	+	0	0
ENSG0000(RP5-1022P antisense chr20	5533628	5535889	+	0	0
ENSG0000(IFITM4P processed_ chr6	29750729	29751148	-	0.2	0.22
ENSG0000(LINC01073 lincRNA chr13	31985685	31990997	+	0	0
ENSG0000(OLMALINC lincRNA chr10	1E+08	1E+08	+	0.73	1.01
ENSG0000(LINC00837 lincRNA chr10	28789188	28796113	-	0.07	0
ENSG0000(FAM90A9P unprocessε chr8	7761330	7764340	+	0	0
ENSG0000(TUBB8P9 unprocessε chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(RPL36AP2ε processed_ chr7	15701435	15701752	-	0	0
ENSG0000(TBCAP2 processed_ chr1	14692129	14692613	-	0	0
ENSG0000(SRGAP3-AS lincRNA chr3	9256759	9257507	+	0	0
ENSG0000(BHLHE40-A antisense chr3	4896809	4979961	-	0.37	0.28
ENSG0000(CNN2P3 processed_ chr9	64486164	64487069	-	0	0
ENSG0000(AC159540. processed_ chr2	97523949	97524976	-	0	0.06
ENSG0000(RP1-60N8. sense_intrε chrX	17528435	17587160	+	0	0
ENSG0000(KIF3AP1 processed_ chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(AC073333. antisense chr7	16695871	16719898	-	0	0
ENSG0000(HSP90AB7I processed_ chr10	9721963	9724416	-	0	0
ENSG0000(AC012363. lincRNA chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP13-16H1 antisense chr10	26717635	26718778	+	0	0
ENSG0000(RP11-272D antisense chr3	44899178	44900925	+	0	0
ENSG0000(LDHAP7 processed_ chr2	84777259	84778223	-	0.15	0
ENSG0000(RMDN2-AS antisense chr2	37949911	38067041	-	0.44	0.24
ENSG0000(HS6ST2-AS antisense chrX	1.33E+08	1.33E+08	+	0	0
ENSG0000(AC005540. antisense chr2	1.91E+08	1.91E+08	-	0.34	0.22
ENSG0000(OR7E145P unprocessε chr11	67722483	67723455	-	0	0
ENSG0000(CTBP2P1 processed_ chrY	56855244	56855488	+	0	0
ENSG0000(RP11-36D1 lincRNA chr10	80333771	80334426	+	0	0
ENSG0000(AC006978. processed_ chr7	30371508	30372741	+	0.33	0.47
ENSG0000(AC005237. processed_ chr2	2.41E+08	2.41E+08	+	0	0
ENSG0000(RP11-338C antisense chr1	2.13E+08	2.13E+08	-	0	0
ENSG0000(B3GALT4 protein_co chr6	33277132	33284832	+	6.25	6.23
ENSG0000(HSPA8P6 processed_ chr2	2.09E+08	2.09E+08	-	0	0
ENSG0000(GSN-AS1 antisense chr9	1.21E+08	1.21E+08	-	0.03	0.02
ENSG0000(GAPDHP31 processed_ chr12	7566369	7567382	+	0	0
ENSG0000(RP1-102G2 processed_ chr1	1.75E+08	1.75E+08	-	0	0
ENSG0000(AC062016. processed_ chr2	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-335C antisense chr12	67658991	67670919	-	0	0.09
ENSG0000(ARHGEF7-/- antisense chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000(FEM1AP4 processed_ chr13	18665235	18667221	+	0	0
ENSG0000(FAR1P1 processed_ chr13	90170866	90171799	+	0	0
ENSG0000(RP11-59O6 antisense chr9	267966	273002	-	0	0
ENSG0000(AC114776. lincRNA chr2	1.11E+08	1.11E+08	-	0	0

ENSG0000(LINC00941 lincRNA	chr12	30795681	30802711	+	9.47	10.05
ENSG0000(LINC01828 lincRNA	chr2	67086446	67311439	+	0.1	0.12
ENSG0000(RP4-672N1 lincRNA	chr3	43778961	43779982	-	0	0
ENSG0000(RP11-763B lincRNA	chr1	1.43E+08	1.44E+08	-	0	0
ENSG0000(AF064858.lincRNA	chr21	38988707	39006153	-	0	0.14
ENSG0000(TSPEAR-AS antisense	chr21	44506807	44516575	+	0.05	0
ENSG0000(PKMP2 processed_chrX		66497748	66499424	+	0	0
ENSG0000(RP11-460E processed_chr9		65816932	65817472	-	1.21	1.76
ENSG0000(AC010154.unprocessε	chrY	6492976	6496757	-	0	0
ENSG0000(TM4SF19- antisense	chr3	1.96E+08	1.96E+08	+	0.05	0.03
ENSG0000(LINC01564 antisense	chr6	53628380	53631394	+	0	0
ENSG0000(RP11-342F processed_chr9		1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-626E antisense	chr4	1.86E+08	1.86E+08	+	0	0
ENSG0000(CPB2-AS1 antisense	chr13	46052806	46113332	+	0.08	0.37
ENSG0000(RBMS3-AS: antisense	chr3	29264194	29290726	-	0.34	0.68
ENSG0000(RP4-580O1 processed_chr1		33512008	33512743	-	0	0
ENSG0000(RHOA-IT1 sense_intrε	chr3	49365145	49367006	-	0.29	0
ENSG0000(APOA1-AS antisense	chr11	1.17E+08	1.17E+08	+	0	0.28
ENSG0000(AC019055.lincRNA	chr2	19711715	19717576	+	0	0
ENSG0000(RP1-159A1 processed_chr1		27649419	27649610	+	0	0
ENSG0000(MACROD2. antisense	chr20	14884253	14929515	-	0	0
ENSG0000(RP13-444K processed_chrX		53825887	53826309	+	0	0
ENSG0000(MTCO2P11 unprocessε	chr9	5098341	5099325	+	0	0
ENSG0000(ASH1L-AS1 antisense	chr1	1.56E+08	1.56E+08	+	0.55	0.84
ENSG0000(AC073109. processed_chr7		11820317	11821294	-	0	0
ENSG0000(RP11-323C processed_chr20		46863563	46864104	-	0	0
ENSG0000(ZNRF2P3 processed_chr10		79981839	79982212	+	0	0
ENSG0000(RPS29P15 processed_chr7		1.01E+08	1.01E+08	+	0	0
ENSG0000(NEXN-AS1 antisense	chr1	77881348	77889539	-	0.38	0.51
ENSG0000(TPT1P14 processed_chrX		14977959	14978463	-	0	0
ENSG0000(HSPE1P12 processed_chr12		10770305	10770605	+	0	0
ENSG0000(LINC01553 lincRNA	chr10	59955430	59960913	-	0.02	0
ENSG0000(RP11-250H processed_chr9		64737403	64737755	-	0	0
ENSG0000(LINC01779 lincRNA	chr1	1.16E+08	1.16E+08	+	0.07	0
ENSG0000(AC007405. antisense	chr2	1.71E+08	1.71E+08	-	0	0
ENSG0000(AC008280. processed_chr2		54029552	54030682	-	0	0
ENSG0000(RP11-123B antisense	chr10	49419277	49472903	+	0	0
ENSG0000(MTND1P21 processed_chr10		20804293	20804577	+	0	0
ENSG0000(LCE6A protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(TMEM212- sense_intrε	chr3	1.72E+08	1.72E+08	+	0	0
ENSG0000(ZNF815P transcribec	chr7	5823160	5854435	+	2.42	2.26
ENSG0000(AC002543. processed_chr7		1.17E+08	1.17E+08	-	0	0
ENSG0000(LLOXNC01- processed_chrX		1.04E+08	1.04E+08	-	1.21	2.17
ENSG0000(EGOT lincRNA	chr3	4749192	4751590	-	0	0
ENSG0000(AC061961. antisense	chr2	1.55E+08	1.55E+08	-	0	0

ENSG0000(AC009965. processed_ chr2	2.04E+08	2.04E+08 +	0	0
ENSG0000(TTC28-AS1 processed_ chr22	27919376	28008581 +	1.48	2.52
ENSG0000(C1CP20 processed_ chr7	45816216	45819016 -	0.02	0
ENSG0000(COX7CP1 processed_ chr13	49187479	49187670 -	0	0
ENSG0000(UBOX5-AS1 antisense_ chr20	3106913	3150867 +	0	0
ENSG0000(AC009237. processed_ chr2	95640181	95640604 -	0	0
ENSG0000(PNMA6A protein_co chrX	1.53E+08	1.53E+08 +	1.92	2.04
ENSG0000(RPL7AP53 processed_ chr10	33057615	33058407 -	0	0
ENSG0000(MCCD1P1 unprocessε chr6	29907783	29908645 -	0	0
ENSG0000(FXYD6P2 processed_ chr10	38091764	38092051 -	0	0
ENSG0000(AP000431. lincRNA_ chr21	19046310	19047684 -	0	0
ENSG0000(COX5BP3 processed_ chr7	1.34E+08	1.34E+08 -	0	0
ENSG0000(AC079112. processed_ chr2	68023694	68024766 -	0	0
ENSG0000(CHEK2P4 unprocessε chr22	16503304	16509475 +	0	0
ENSG0000(RP11-472G lincRNA_ chr6	1.5E+08	1.5E+08 -	0	0
ENSG0000(VN2R19P unitary_psι chr19	58012589	58025926 -	0	0
ENSG0000(RP1-106C2 processed_ chrX	1.39E+08	1.39E+08 +	0	0
ENSG0000(RP1-197J1ε processed_ chrX	1.02E+08	1.02E+08 -	0	0
ENSG0000(AC018816. antisense_ chr3	4814294	4887293 -	0.19	0.2
ENSG0000(AC004448. lincRNA_ chr17	19417804	19492991 -	0.23	0
ENSG0000(AC023274. unprocessε chrY	24142358	24157843 +	0	0
ENSG0000(GPC5-AS1 antisense_ chr13	92701389	92721614 -	0	0.25
ENSG0000(RP11-495P processed_ chr1	1.48E+08	1.48E+08 -	0	0
ENSG0000(MORC2-AS antisense_ chr22	30922308	30932449 +	0	0.12
ENSG0000(RPL23AP2ε processed_ chr1	2.42E+08	2.42E+08 +	0	0
ENSG0000(RP11-143H unprocessε chrX	1.55E+08	1.55E+08 +	0	0
ENSG0000(GRAMD4Pε processed_ chr22	15749156	15750825 -	0	0
ENSG0000(AC007559. processed_ chr2	2.3E+08	2.3E+08 +	0	0
ENSG0000(RP3-470B2 processed_ chr6	1.68E+08	1.68E+08 -	0	0
ENSG0000(UBE2V1P6 processed_ chr2	1.69E+08	1.69E+08 +	0	0
ENSG0000(RP11-97N1 antisense_ chr20	19212852	19213477 -	0	0
ENSG0000(LINC01936 lincRNA_ chr2	30346659	30352431 +	0.07	0.08
ENSG0000(TAAR7P unitary_psι chr6	1.33E+08	1.33E+08 +	0	0
ENSG0000(AC007050. antisense_ chr22	20522070	20523870 -	0	0
ENSG0000(RP4-800Mε processed_ chr1	52189916	52190309 -	0	0
ENSG0000(RP11-438P processed_ chr9	1.08E+08	1.08E+08 +	0	0
ENSG0000(MTCO1P4ε processed_ chr2	2.12E+08	2.12E+08 +	0	0
ENSG0000(LINC01814 lincRNA_ chr2	8559833	8583792 -	0.42	0.39
ENSG0000(RP11-293F lincRNA_ chr1	21415898	21417492 +	0	0
ENSG0000(HIGD1AP1ε processed_ chr1	1.11E+08	1.11E+08 +	0	0
ENSG0000(RP3-332B2 lincRNA_ chr6	1.4E+08	1.4E+08 +	0	0.09
ENSG0000(AC011290. processed_ chr7	39569376	39570198 -	0	0
ENSG0000(ASMTL-AS1 antisense_ chrX	1401769	1414028 +	1.99	2.05
ENSG0000(ASMTL-AS1 antisense_ chrY	1401769	1414028 +	1.99	2.05
ENSG0000(RP4-814D1 processed_ chr7	1.57E+08	1.57E+08 -	0	0

ENSG0000(RP11-195C antisense)	chr1	1.76E+08	1.76E+08	+	0	0.4
ENSG0000(RP11-160E lincRNA)	chr17	19203825	19214045	+	0	0
ENSG0000(PRRX2-AS1 antisense)	chr9	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-463J processed)	chr1	1.91E+08	1.91E+08	+	0	0
ENSG0000(AC009237 processed)	chr2	95606924	95607152	+	0	0
ENSG0000(PATE3 protein_co)	chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-323C lincRNA)	chr20	46901143	46901726	-	0	0
ENSG0000(LINC01036 lincRNA)	chr1	1.87E+08	1.87E+08	+	0	0
ENSG0000(RP11-269F antisense)	chr1	2.44E+08	2.44E+08	+	0	0
ENSG0000(OR5H14 protein_co)	chr3	98149326	98150405	+	0	0
ENSG0000(RP11-9002 processed)	chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(LINC00445 lincRNA)	chr13	35697524	35699256	+	0	0
ENSG0000(AC017060 lincRNA)	chr7	17405479	17558909	-	1.14	0.24
ENSG0000(CHIAP1 unprocessε)	chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(COX6CP18 processed)	chr11	2771356	2771577	+	0	0
ENSG0000(RP1-203C2 processed)	chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(FABP5P2 processed)	chr13	51966742	51967149	+	0	0
ENSG0000(RP3-467K1 antisense)	chr1	15334166	15335464	-	0	0
ENSG0000(AC004920 lincRNA)	chr7	50839363	50841992	-	0	0
ENSG0000(AC073410 processed)	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(AC013470 processed)	chr7	12471352	12472545	+	0	0
ENSG0000(LINC01920 lincRNA)	chr2	1.51E+08	1.51E+08	-	0	0
ENSG0000(MYCBP2-A processed)	chr13	77026767	77129717	+	0	0.82
ENSG0000(LINC01643 lincRNA)	chr22	34017473	34188425	+	0	0
ENSG0000(LINC01067 lincRNA)	chr13	1.09E+08	1.09E+08	+	0.88	0.87
ENSG0000(LL22NC03- antisense)	chr22	32583300	32584204	+	0	0
ENSG0000(GAPDHP14 processed)	chr21	29222321	29223257	+	0	0
ENSG0000(RPL17P36 processed)	chr10	1.19E+08	1.19E+08	-	0.13	0
ENSG0000(HSPB1P1 processed)	chr9	72007881	72008136	-	0	0
ENSG0000(GSTM5P1 processed)	chr3	12257801	12258460	-	0	0
ENSG0000(RP6-191P2 antisense)	chrX	1.08E+08	1.08E+08	-	0.05	0.06
ENSG0000(RP1-117O3 antisense)	chr1	32987075	33032469	+	0	0
ENSG0000(AC016561 unitary_ps)	chr5	64404512	64486615	-	0	0
ENSG0000(RP5-1011C lincRNA)	chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(RP11-281B processed)	chrX	34387722	34388464	+	0	0
ENSG0000(RP11-487E processed)	chr1	21073639	21073753	-	0	0
ENSG0000(RP11-121P sense_intr)	chr6	40501631	40502393	-	0	0
ENSG0000(LINC01072 lincRNA)	chr13	20102701	20103230	+	0	0
ENSG0000(RP11-232D unprocessε)	chrX	1.17E+08	1.17E+08	-	0	0
ENSG0000(LINC01447 lincRNA)	chr7	47621939	47629893	+	0.02	0.21
ENSG0000(RP1-32I10 processed)	chr22	44413485	44414814	-	0	0
ENSG0000(YAP1P2 processed)	chrX	1.15E+08	1.15E+08	+	0	0
ENSG0000(ELFN1-AS1 lincRNA)	chr7	1738630	1742291	-	0	0
ENSG0000(RP11-217L antisense)	chr11	1.32E+08	1.32E+08	-	0	0
ENSG0000(OR13E1P unitary_ps)	chr9	35859062	35859983	-	0	0

ENSG00000104114	ACTG1P4	processed	chr1	1.04E+08	1.04E+08	+	0	0
ENSG00000104115	HMGN2P2	processed	chr6	2341450	2341711	+	0	0.52
ENSG00000104116	COX10-AS1	processed	chr17	13756478	14069495	-	4.57	3.58
ENSG00000104117	LDHAP3	processed	chr2	41819747	41820754	+	0	0
ENSG00000104118	RP3-473B4	lincRNA	chrX	1.35E+08	1.35E+08	+	0	0
ENSG00000104119	LINC00545	lincRNA	chr13	30882551	30883395	+	0	0.45
ENSG00000104120	RP11-4901	sense_intr	chr9	94900429	94904754	+	0	0
ENSG00000104121	BNIP3P2	processed	chr22	15349467	15350043	+	0	0
ENSG00000104122	RP11-148B	lincRNA	chr1	94318479	94324569	-	0.59	0.52
ENSG00000104123	AC013403	unprocess	chr2	27158563	27159229	-	0	0
ENSG00000104124	RAC1P7	processed	chr1	2.34E+08	2.34E+08	-	0	0
ENSG00000104125	RP4-639J1	lincRNA	chr7	1.57E+08	1.57E+08	-	0	0
ENSG00000104126	ZBTB22	protein_co	chr6	33314406	33317942	-	11.36	11.1
ENSG00000104127	PRELID3BP	processed	chr7	1.27E+08	1.27E+08	+	0	0
ENSG00000104128	AC010729	lincRNA	chr2	5726449	5730342	+	0	0
ENSG00000104129	AC010127	antisense	chr2	1.66E+08	1.66E+08	+	0.07	0.04
ENSG00000104130	RP11-383G	processed	chr1	2.05E+08	2.05E+08	+	0	0
ENSG00000104131	AC013402	lincRNA	chr2	1.05E+08	1.05E+08	+	0	0
ENSG00000104132	OR2AM1P	unprocess	chr9	36021692	36022113	+	0	0
ENSG00000104133	RP11-630I	processed	chr1	45781277	45781957	+	0	0
ENSG00000104134	RP11-517P	unprocess	chr10	43523256	43525217	+	0	0
ENSG00000104135	RP11-62C3	antisense	chr9	92205356	92210158	+	0	0
ENSG00000104136	AC064853	sense_intr	chr2	2.28E+08	2.28E+08	-	0.27	0
ENSG00000104137	LINC01639	lincRNA	chr22	43400331	43409681	+	0	0
ENSG00000104138	LL22NC03	unprocess	chr22	22155582	22155942	+	0	0
ENSG00000104139	AP000688	lincRNA	chr21	36082859	36090414	+	0	0
ENSG00000104140	RP11-733C	lincRNA	chrX	5653421	5726305	-	0	0
ENSG00000104141	HAUS6P2	processed	chr20	31341371	31344471	-	0	0
ENSG00000104142	CEACAMP1	unprocess	chr19	43278933	43284318	-	0	0
ENSG00000104143	HMGN2P2	processed	chr2	1.13E+08	1.13E+08	-	0	0
ENSG00000104144	USP17L4	protein_co	chr8	7337115	7338707	+	0	0
ENSG00000104145	CT47A3	protein_co	chrX	1.21E+08	1.21E+08	-	0	0
ENSG00000104146	AP002856	lincRNA	chr11	1.31E+08	1.31E+08	+	0	0
ENSG00000104147	PTCSC2	lincRNA	chr9	97805935	97810008	-	0	0
ENSG00000104148	MED13P1	processed	chrY	14907898	14908068	+	0	0
ENSG00000104149	CTA-440B3	processed	chr22	31816379	31817491	-	0	0
ENSG00000104150	LINC01069	lincRNA	chr13	77989372	77990646	-	0	0
ENSG00000104151	ADORA2BP	processed	chr1	2.1E+08	2.1E+08	+	0.08	0.41
ENSG00000104152	RP11-27K1	antisense	chr1	1.17E+08	1.17E+08	-	0.06	0.17
ENSG00000104153	DUX4L26	processed	chr3	75668931	75670185	+	0	0.05
ENSG00000104154	RP11-89F3	lincRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG00000104155	AC013727	lincRNA	chr2	1.04E+08	1.04E+08	-	0	0
ENSG00000104156	TMEM147	antisense	chr19	35540738	35546029	-	2.95	2.8
ENSG00000104157	AC079988	lincRNA	chr2	1.21E+08	1.21E+08	+	0	0
ENSG00000104158	RP11-65J3	processed	chr9	1.29E+08	1.29E+08	-	0	0

ENSG0000(RPL23AP37 processed_ chr2	64347193	64347741	-	0	0
ENSG0000(RP5-1100I lincRNA chr20	24142590	24144386	-	0	0
ENSG0000(MRPS36P1 processed_ chr3	6773037	6773343	-	0	0
ENSG0000(AC104076. antisense chr2	1.81E+08	1.81E+08	-	0	1.02
ENSG0000(RP11-343J. antisense chr10	69575807	69577154	+	0	0
ENSG0000(RP11-231P transcribed chr1	26209741	26229840	+	0.11	0.06
ENSG0000(CHCHD4P3 processed_ chr9	37434177	37434586	+	1.83	0.46
ENSG0000(RFC3P1 processed_ chr3	36169767	36170448	-	0	0
ENSG0000(RP3-343K2 processed_ chr20	37165774	37166312	-	0	0
ENSG0000(GS1-541M. processed_ chrX	26657291	26657507	-	0	0
ENSG0000(AC092687. lincRNA chr2	10717773	10720952	+	0	0
ENSG0000(RP11-268F lincRNA chr6	46758296	46761158	-	0	0
ENSG0000(PRADC1P1 processed_ chr3	36976316	36976840	+	0	0
ENSG0000(RP3-523C2 lincRNA chr6	1.32E+08	1.32E+08	+	0.31	0
ENSG0000(GAPDHP57 processed_ chr2	75455994	75456578	-	0	0
ENSG0000(RP5-831C2 unprocessed chr20	23980585	23980734	-	0	0
ENSG0000(IGHD1-1 IG_D_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RPL12P26 processed_ chr10	1.17E+08	1.17E+08	-	0	0
ENSG0000(MIR7515H lincRNA chr2	6615389	6650535	-	0	0
ENSG0000(RP1-182D1 lincRNA chr6	1.7E+08	1.7E+08	-	0	0
ENSG0000(SSU72P6 processed_ chr11	4278705	4279192	+	0	0
ENSG0000(LINC00353 lincRNA chr13	89548691	89553804	-	0	0
ENSG0000(PRAMEF35 unprocessed chr1	13104403	13105689	-	0	0
ENSG0000(RP11-163G processed_ chr1	42570970	42571390	+	0	0
ENSG0000(RP11-297K processed_ chr3	1.89E+08	1.89E+08	-	0	0
ENSG0000(TCEA1P4 processed_ chr9	32979560	32980403	-	0.07	0.16
ENSG0000(HNRNPDL processed_ chrX	95610578	95610957	+	0	0
ENSG0000(GJA6P processed_ chrX	18535079	18536120	+	0	0
ENSG0000(PRKX-AS1 antisense chrX	3659487	3668192	+	0	0
ENSG0000(RPL18AP15 processed_ chrX	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP3-431C2 processed_ chrX	86888586	86888816	+	0	0
ENSG0000(RPS15AP25 processed_ chr8	68525517	68525906	-	0	0
ENSG0000(LINC01953 lincRNA chr2	2.13E+08	2.13E+08	-	0	0
ENSG0000(AC003104. sense_intronic chr17	42270517	42272683	-	0	0
ENSG0000(RNMTL1P2 processed_ chr7	17962079	17963029	+	0	0
ENSG0000(AC002429. protein_coding chr7	95035731	95214332	-	0	0
ENSG0000(RP11-264I1 antisense chr9	2041900	2046023	-	0	0
ENSG0000(KDM4A-AS antisense chr1	43699765	43708138	-	0.19	0.13
ENSG0000(GRM7-AS1 antisense chr3	7519741	7560333	-	0	0
ENSG0000(LINC01376 lincRNA chr2	18986451	19346748	-	0.49	0.78
ENSG0000(RP3-406C1 unprocessed chrX	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-306I1 lincRNA chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(C10orf71-A antisense chr10	49296112	49299018	-	0	0
ENSG0000(AC104135. lincRNA chr2	74919555	74924846	-	0.06	0
ENSG0000(MTCO1P7 unprocessed chr2	1.3E+08	1.3E+08	+	0	0

ENSG0000(AC009262. lincRNA chr7	34209526	34256343	+	0	0
ENSG0000(AC006369. antisense chr2	37600136	37646698	+	0.13	0
ENSG0000(PPP1R11P1 processed_ chr1	21397987	21398362	+	0	0
ENSG0000(C1DP2 processed_ chr10	80031968	80032393	-	0	0
ENSG0000(RP11-645N antisense chr7	1.03E+08	1.03E+08	+	0	0
ENSG0000(VEZF1P1 processed_ chr3	1.93E+08	1.93E+08	-	0	0
ENSG0000(RP11-400N lincRNA chr1	2.22E+08	2.22E+08	-	0	0.11
ENSG0000(AC017048. lincRNA chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(MTCYBP24 unprocessε chr7	1.12E+08	1.12E+08	+	0	0
ENSG0000(AC091132. antisense chr17	45452844	45464065	+	0	0
ENSG0000(LA16c-13E4 unprocessε chr22	15290718	15297196	+	0	0
ENSG0000(AC093106. processed_ chr7	1.32E+08	1.32E+08	+	0	0
ENSG0000(GPC5-IT1 sense_intrε chr13	92484606	92510094	+	0	0
ENSG0000(RP11-744C processed_ chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(MYO16-AS antisense chr13	1.09E+08	1.09E+08	-	0	0
ENSG0000(RPL6P29 processed_ chrX	98251679	98252543	+	0	0
ENSG0000(RP4-799P1 antisense chr1	2.34E+08	2.34E+08	-	0	0
ENSG0000(FAM166AP unprocessε chr3	1.98E+08	1.98E+08	-	0	0
ENSG0000(AC104389. processed_ chr11	5362615	5362849	+	0	0
ENSG0000(RP11-15J1(transcribec chr9	65219987	65230861	-	0.07	0
ENSG0000(SLC25A3P1 transcribec chr1	53413149	53440020	-	0	0
ENSG0000(MTND4P14 unprocessε chr9	5107937	5109290	+	0	0
ENSG0000(AC009404. lincRNA chr2	1.18E+08	1.18E+08	+	1.69	1.26
ENSG0000(DIAPH2-AS antisense chrX	97431286	97642589	-	0	0
ENSG0000(EI24P2 processed_ chr1	1.58E+08	1.58E+08	+	0	0
ENSG0000(TIMM8BP1 processed_ chr13	29865959	29866169	-	0	0
ENSG0000(AC017083. processed_ chr2	68125265	68125747	+	0	0
ENSG0000(RP11-368N unprocessε chr7	57652875	57653208	+	0	0
ENSG0000(SHANK2-A5 antisense chr11	70646165	70647562	+	0	0
ENSG0000(RP11-263K antisense chr1	1.55E+08	1.55E+08	-	6.51	6.2
ENSG0000(RPL26P30 transcribec chr11	2335132	2335776	-	0.12	0.13
ENSG0000(RP3-467L1. antisense chr1	7810242	7827342	-	0	0
ENSG0000(AP006216. antisense chr11	1.17E+08	1.17E+08	-	0	0
ENSG0000(LINC01361 lincRNA chr1	82973882	82986208	-	0	0
ENSG0000(ENO1-IT1 sense_intrε chr1	8875788	8878007	-	0.18	0
ENSG0000(Z82214.3 antisense chr22	43212674	43213661	+	0	0
ENSG0000(RP4-728D4 processed_ chr1	35509742	35511438	+	0	0
ENSG0000(NDP-AS1 antisense chrX	43949732	43969620	+	0	0
ENSG0000(NIPA2P5 processed_ chr13	79090783	79094119	+	0	0
ENSG0000(PEBP1P3 processed_ chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000(CLEC2L protein_co chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(AC114737. processed_ chr7	76968346	76968518	+	0	0
ENSG0000(NDUFB9P2 processed_ chr7	1.32E+08	1.32E+08	-	0	0
ENSG0000(AC013463. antisense chr2	1.65E+08	1.65E+08	+	0	0
ENSG0000(VN1R31P processed_ chr7	63367427	63368156	-	0	0

ENSG0000(NPM1P8	processed_chrx	32205902	32206738	+	0.08	0
ENSG0000(ZBED5	protein_co	10812074	10858796	-	16.02	13.05
ENSG0000(GACAT3	lincRNA	16050427	16085801	+	0	0
ENSG0000(EEF1GP7	processed_chr1	52573114	52573816	+	0	0
ENSG0000(RP5-1099E	antisense	2.16E+08	2.16E+08	+	0	0
ENSG0000(AC007563.	lincRNA	2.17E+08	2.17E+08	-	0	0
ENSG0000(GUSBP5	transcribed	1.44E+08	1.44E+08	+	0.94	0.48
ENSG0000(RP11-175P	transcribed	1.94E+08	1.94E+08	-	0.23	0
ENSG0000(RP11-340I	lincRNA	63888200	63900794	-	0	0
ENSG0000(MTND4LP1	processed_chr2	1.43E+08	1.43E+08	-	0	0
ENSG0000(MRGPRG-A	antisense	3218332	3223131	+	0	0
ENSG0000(RP11-540N	lincRNA	1.3E+08	1.3E+08	+	0	0
ENSG0000(AP001189.	antisense	76657056	76663866	+	0	0
ENSG0000(SLC12A9-A	antisense	1.01E+08	1.01E+08	-	0	0
ENSG0000(LINC01241	lincRNA	25780056	25812968	+	0	0
ENSG0000(EEF1E1P1	processed_chr2	1.12E+08	1.12E+08	+	0	0.41
ENSG0000(RP11-316N	antisense	1E+08	1E+08	+	0	0.13
ENSG0000(TLX1NB	processed_chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(RPL34P34	processed_chr19	22368599	22368952	-	0	0
ENSG0000(VN1R53P	processed_chr10	37348616	37349572	+	0	0
ENSG0000(OR7E109P	unprocessed	90742526	90743380	-	0	0
ENSG0000(RP11-348H	processed_chr1	2.13E+08	2.13E+08	-	0	0
ENSG0000(KCCAT333	lincRNA	17374867	17467256	+	0	0.08
ENSG0000(CTD-2033D	transcribed	55526964	55561577	-	0	0
ENSG0000(SLFN14	protein_co	35548125	35558098	-	0	0
ENSG0000(BMP6P1	processed_chr22	22185941	22186619	+	0	0
ENSG0000(RP3-403L1	antisense	1.58E+08	1.58E+08	-	0	0
ENSG0000(AC005300.	processed_chr22	17192936	17193308	+	0.24	0.79
ENSG0000(RP3-486I3.	antisense	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-759F	processed_chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(RPL5P9	processed_chr2	1.11E+08	1.11E+08	+	0	0
ENSG0000(AP001605.	lincRNA	27361164	27395787	+	0	0
ENSG0000(TRHDE-AS1	processed_chr12	72253508	72274907	-	0.33	0.37
ENSG0000(PPIAL4G	protein_co	1.48E+08	1.48E+08	-	0.24	0.2
ENSG0000(RP4-591L5.	lincRNA	30409560	30411638	-	0	0
ENSG0000(RP3-430A1	antisense	4774526	4775408	-	0	0
ENSG0000(FMR1-IT1	sense_intr	1.48E+08	1.48E+08	+	0.28	0
ENSG0000(POM121L1	processed_chr13	28778558	28778937	+	0	0
ENSG0000(AC000099.	antisense	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP5-1103B	antisense	56963886	56996757	+	0	0
ENSG0000(EI24P4	processed_chr7	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-59D5	antisense	63806836	63822642	+	0	0.04
ENSG0000(RP11-346D	lincRNA	1.14E+08	1.14E+08	+	0	0
ENSG0000(PSMC1P10	processed_chr2	17385091	17386417	+	0	0
ENSG0000(SUCLG2P2	processed_chr12	94548241	94549536	+	0	0

ENSG0000(AC005220. antisense	chr20	53940160	53942508	+	0	0
ENSG0000(LINC00437 lincRNA	chr13	38533343	38545299	-	0	0
ENSG0000(RP3-503A6 lincRNA	chr6	38714051	38715217	-	0	0
ENSG0000(AC079584. lincRNA	chr2	1.44E+08	1.44E+08	+	0	0
ENSG0000(EI24P1 processed_	chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP5-827C2 antisense	chr1	2.34E+08	2.34E+08	+	0	0
ENSG0000(OR51B8P unprocessε	chr11	5330592	5331360	-	0	0
ENSG0000(RP11-334A processed_	chr1	52993201	52993702	-	0	0
ENSG0000(GAGE12F protein_co	chrX	49551278	49568218	+	0	0
ENSG0000(RP11-525G antisense	chr1	1.66E+08	1.66E+08	-	0.11	0
ENSG0000(RP5-849L7. processed_	chrX	82875649	82875885	+	0	0
ENSG0000(RP11-440G lincRNA	chr6	1.43E+08	1.43E+08	-	0	0
ENSG0000(CT47A1 protein_co	chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP5-865N1 lincRNA	chr1	2.32E+08	2.32E+08	-	0	0
ENSG0000(RP11-15K3 lincRNA	chr10	90402521	90540805	-	0	0
ENSG0000(POU5F1P5 processed_	chr10	68010205	68010862	-	0.1	0
ENSG0000(RP11-470F lincRNA	chr9	75579669	75588548	+	0	0
ENSG0000(AC084809. lincRNA	chr17	32905662	32906584	+	0	0
ENSG0000(RP11-394G lincRNA	chr6	1.36E+08	1.36E+08	-	0	0
ENSG0000(ZNF736P4Y processed_	chrY	25168599	25169841	+	0	0
ENSG0000(VENTXP7 processed_	chr3	21405737	21406508	+	0	0
ENSG0000(KRTAP10-1 unprocessε	chr21	44702221	44702791	+	0	0
ENSG0000(LINC00854 protein_co	chr17	43216941	43305397	-	0	0
ENSG0000(LINC00479 lincRNA	chr21	41711520	41715775	-	0	0
ENSG0000(RP11-114M lincRNA	chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(AC009518. processed_	chr7	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-307C lincRNA	chr20	4431161	4431673	-	0	0
ENSG0000(ITCH-AS1 antisense	chr20	34441592	34442025	-	0	0
ENSG0000(RP1-287H1 lincRNA	chr6	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-25B7 antisense	chr1	2.02E+08	2.02E+08	-	0	0
ENSG0000(AC092573. transcribec	chr2	1.73E+08	1.73E+08	-	0	0
ENSG0000(AC100848. lincRNA	chr18	64147209	64159299	+	0	0
ENSG0000(RP11-320G lincRNA	chrX	40262917	40287720	+	0.14	0.19
ENSG0000(RP11-229P antisense	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(AC093106. processed_	chr7	1.32E+08	1.32E+08	-	0	0
ENSG0000(SLC35G4 protein_co	chr18	11609596	11610612	+	0	0
ENSG0000(DDX11L2 unprocessε	chr2	1.14E+08	1.14E+08	-	0.91	0.32
ENSG0000(TAS2R39 protein_co	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(KRTAP21-4 unprocessε	chr21	30741780	30742595	-	0	0
ENSG0000(SLC4A1APF unprocessε	chr1	1.88E+08	1.88E+08	+	0	0
ENSG0000(RP11-447M lincRNA	chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000(VLDLR-AS1 antisense	chr9	2422702	2643359	-	2.11	3.61
ENSG0000(UBQLN1P1 processed_	chr6	30363112	30364280	-	0	0
ENSG0000(HMGB1P1ε processed_	chr1	80283352	80283970	+	0	0
ENSG0000(RP11-476H antisense	chr7	1.55E+08	1.55E+08	-	0	0

ENSG0000(NRADDP unitary_psi chr3	47011542	47013146	+	0	0
ENSG0000(NDUFAF4P processed_ chr3	37789921	37790445	-	0.28	0.62
ENSG0000(RP11-132N lincRNA chr3	1.88E+08	1.88E+08	-	0	0
ENSG0000(RP13-24G8 processed_ chrX	91422309	91422538	+	0	0
ENSG0000(AC004535. lincRNA chr7	10702676	10707406	+	0	0
ENSG0000(CTSLP1 unprocessε chr10	87386685	87390203	-	0	0
ENSG0000(CHCHD3P1 processed_ chr10	8619933	8620608	+	0	0
ENSG0000(LINC01134 lincRNA chr1	3900372	3917225	+	0.18	0.18
ENSG0000(TSPY10 protein_co chrY	9527880	9530682	+	0	0
ENSG0000(AC090018. processed_ chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(RP11-79M: antisense chr10	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-107N lincRNA chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(GPM6BP2 unprocessε chrY	18741843	18741986	-	0	0
ENSG0000(KRT8P29 processed_ chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(AC009237. processed_ chr2	95536117	95536495	-	0	0
ENSG0000(AC097662. antisense chr2	2.27E+08	2.27E+08	-	2.14	1.84
ENSG0000(RPL37P21 processed_ chr13	68331338	68331613	-	0	0
ENSG0000(RP11-296A antisense chr1	51264916	51266074	-	0.19	0
ENSG0000(TSPY12P unprocessε chrY	7687739	7689548	-	0	0
ENSG0000(AC012361. lincRNA chr2	20859771	20861661	+	0	0
ENSG0000(LINC02151 lincRNA chr11	1.16E+08	1.17E+08	-	0	0
ENSG0000(FAM157A transcribed chr3	1.98E+08	1.98E+08	+	0.38	0.45
ENSG0000(RP11-175B processed_ chr1	2.02E+08	2.02E+08	-	0.81	0
ENSG0000(AC117947. processed_ chr2	1.41E+08	1.41E+08	-	0	0
ENSG0000(ANKRD54P processed_ chr10	45151445	45151915	-	0	0
ENSG0000(UBE2L5P protein_co chr13	30422488	30428616	+	0	0
ENSG0000(LINC00608 antisense chr2	2.19E+08	2.19E+08	+	0.19	0.14
ENSG0000(CT47B1 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(ATG10-IT1 sense_intrε chr5	81991995	81992481	+	0	0
ENSG0000(AC018890. antisense chr2	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-111F processed_ chr9	62357834	62358140	-	0	0
ENSG0000(AC067956. lincRNA chr2	2.2E+08	2.21E+08	+	0	0
ENSG0000(AC123023. lincRNA chr3	34203244	34268811	+	0	0
ENSG0000(AC003092. lincRNA chr7	94022833	94066661	+	0.11	0.12
ENSG0000(RP4-785G1 processed_ chr20	34245953	34246537	-	0	0
ENSG0000(AC130689. sense_intrε chr17	2215482	2216015	-	0	0
ENSG0000(HNRNPA1P processed_ chr3	42889361	42890306	+	0	0
ENSG0000(SNX2P2 processed_ chr7	31941261	31941583	+	0	0
ENSG0000(RP11-523L lincRNA chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(LINC00427 lincRNA chr13	30316360	30319903	-	0	0
ENSG0000(CTA-796E4 lincRNA chr22	26161834	26164303	+	0	0
ENSG0000(RP11-795J: antisense chr6	46492052	46532758	+	0	0
ENSG0000(KCNMA1-A antisense chr10	76888044	76980624	+	0	0
ENSG0000(RP11-104D processed_ chr1	1.99E+08	1.99E+08	+	0.04	0
ENSG0000(AC007040. antisense chr2	71002531	71064743	-	0	0

ENSG0000(AF127577.lincRNA	chr21	15067070	15067837	+	0	0
ENSG0000(AC002401.antisense	chr17	50135586	50146176	+	0	0
ENSG0000(KRT43P.unprocessε	chr17	41448183	41454055	-	0	0
ENSG0000(GCNT1P1.processed_	chr20	18420160	18421454	-	0	0.1
ENSG0000(TRIM26BP.unprocessε	chr6	30238301	30242279	+	0	0
ENSG0000(RP11-8J9.5.processed_	chr1	46742329	46743133	+	0	0
ENSG0000(RPS24P1.processed_	chrY	12244752	12245457	+	0	0
ENSG0000(AC012513.processed_	chr2	2.16E+08	2.16E+08	-	0	0
ENSG0000(PKMP1.processed_	chr1	1.15E+08	1.15E+08	+	0	0
ENSG0000(LINC02195.lincRNA	chr16	26584755	26594813	-	0	0
ENSG0000(MTND2P4C.unprocessε	chr19	12502675	12504106	+	0	0
ENSG0000(RRM2P2.processed_	chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(LINC01945.lincRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-753E.processed_	chrX	24681909	24682634	+	0	0
ENSG0000(RP11-5371J1.processed_	chr3	1.86E+08	1.86E+08	+	0	0.4
ENSG0000(RP13-565C.unprocessε	chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(EIF2S2P3.processed_	chr10	92668745	92669743	-	0.12	0
ENSG0000(RP11-89N1.lincRNA	chr7	33793168	33803156	-	0	0.11
ENSG0000(RP11-7C6.1.antisense	chr10	14652742	14661691	+	0	0
ENSG0000(GPS2P1.processed_	chr9	2875442	2876427	-	0	0
ENSG0000(LINC01744.lincRNA	chr1	2.33E+08	2.33E+08	-	0	0
ENSG0000(AC107081.antisense	chr2	61868432	61886082	+	0	0
ENSG0000(LINC00896.lincRNA	chr22	20206397	20208524	+	0.18	0.09
ENSG0000(CD24P1.processed_	chr1	15614643	15614867	-	0	0
ENSG0000(AC079305.lincRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(SIX3-AS1.lincRNA	chr2	44940154	44941873	-	0	0
ENSG0000(AC009784.processed_	chr7	1.36E+08	1.36E+08	-	0	0
ENSG0000(AC087499.unprocessε	chr17	20647287	20681799	+	0	0
ENSG0000(RP1-63P18.unprocessε	chr1	40563534	40563659	+	0	0
ENSG0000(RP5-1050E.lincRNA	chr9	89801727	89803061	-	0	0
ENSG0000(ATP13A5-A.antisense	chr3	1.93E+08	1.93E+08	+	0	0
ENSG0000(RPL21P133.processed_	chrX	1.35E+08	1.35E+08	+	0.16	0
ENSG0000(AC011284.antisense	chr7	3642815	3643784	-	0	0
ENSG0000(LINC01231.lincRNA	chr9	3181589	3198517	+	0	0
ENSG0000(RP3-336K2.processed_	chr6	7620422	7620878	+	0	0
ENSG0000(RP11-707P.lincRNA	chrX	4627200	4633572	-	0	0
ENSG0000(RP11-162G.antisense	chr10	37857740	37859110	+	0.23	0.17
ENSG0000(KLF2P4.processed_	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(LINC01424.antisense	chr21	44802577	44804717	+	0	0
ENSG0000(GPC6-AS1.antisense	chr13	94154193	94187991	-	0	0
ENSG0000(NPAP1P4.processed_	chr9	80357029	80360338	-	0	0
ENSG0000(NPM1P40.processed_	chr1	2.03E+08	2.03E+08	+	0	0
ENSG0000(AC007278.sense_intrε	chr2	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP4-742J2.antisense	chr20	11909404	11918677	-	0	0
ENSG0000(ARF4P2.processed_	chr20	62872250	62873076	-	0	0.15

ENSG0000(RP1-125I3. antisense chr1	25859613	25863420	+	0.15	0.33
ENSG0000(RP13-254B processed_ chr7	65840212	65840596	+	0	0
ENSG0000(KPNA2P1 processed_ chr4	80079532	80081122	+	0	0
ENSG0000(RP5-945F2 lincRNA chr7	68091223	68119209	+	0	0
ENSG0000(LINC01695 lincRNA chr21	28116094	28228667	-	0	0.22
ENSG0000(AC009413. processed_ chr2	41850203	41850601	-	0	0
ENSG0000(H3F3BP1 processed_ chr13	71675067	71675469	+	0	0
ENSG0000(RC3H1-IT1 sense_intr chr1	1.74E+08	1.74E+08	-	0	0
ENSG0000(AC003986. antisense chr7	19119933	19121916	+	0	0.32
ENSG0000(ZNF863P processed_ chr2	52071355	52077197	+	0	0
ENSG0000(HNRNPA1F processed_ chr1	1.79E+08	1.79E+08	-	0.06	0.04
ENSG0000(AC006547. antisense chr22	20058030	20070569	-	0	0
ENSG0000(VN2R9P unitary_psi chr11	58040708	58041660	-	0	0
ENSG0000(MED28P7 processed_ chr20	25669857	25670386	-	0	0
ENSG0000(RP11-98L5. protein_co chr9	1.36E+08	1.36E+08	+	0	0
ENSG0000(AC008060. lincRNA chr7	1.55E+08	1.55E+08	-	0	0
ENSG0000(AP001619. antisense chr21	41870633	41872054	+	0	0
ENSG0000(RP1-118J2. antisense chr1	39897745	39899098	+	0.08	0
ENSG0000(RNF217-AS antisense chr6	1.25E+08	1.25E+08	-	0	0.06
ENSG0000(RPS27AP7 processed_ chr2	47883455	47883909	+	0	0
ENSG0000(RP4-673D2 unprocess chr20	1676662	1676907	-	0	0
ENSG0000(RPL13AP5 processed_ chr10	96750288	96750899	+	0.47	0.43
ENSG0000(ASNSP3 processed_ chr13	1E+08	1E+08	-	0.04	0
ENSG0000(AC115115. processed_ chr2	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-443C antisense chr10	59282147	59282835	+	0	0
ENSG0000(RP11-243J. antisense chr20	31686216	31716825	+	0	0
ENSG0000(RP11-396N processed_ chr4	66094142	66094526	+	0	0
ENSG0000(YWHAQP5 processed_ chr2	98694109	98695490	+	0	0
ENSG0000(HNRNPA3F processed_ chr13	65787932	65788764	-	0	0
ENSG0000(TCF3P1 processed_ chr9	5110913	5112849	+	0	0
ENSG0000(HNRNPA1F processed_ chr7	27328607	27329534	-	0	0
ENSG0000(RAD23BP1 processed_ chr3	18538673	18539899	+	0	0
ENSG0000(RP6-29D12 processed_ chrX	53337783	53337973	-	0	0
ENSG0000(AC006369. lincRNA chr2	37744333	37747046	+	0	0
ENSG0000(RP11-340I6 processed_ chr7	63843314	63843505	+	0	0
ENSG0000(RP11-22B1 processed_ chrX	51856968	51858066	+	0	0
ENSG0000(SNRPGP14 processed_ chr13	49488970	49489364	+	0	0
ENSG0000(RP11-95P9 processed_ chr7	1.14E+08	1.14E+08	-	0	0
ENSG0000(STARD13-A processed_ chr13	33180401	33281584	+	0	0
ENSG0000(PRPF38AP2 processed_ chr10	17577362	17578212	+	0	0
ENSG0000(AP004290. processed_ chr8	99233048	99234459	-	0	0
ENSG0000(MTATP6P4 unprocess chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-162J8 antisense chr6	1.49E+08	1.49E+08	-	0	0
ENSG0000(S100A11P2 processed_ chr7	35169224	35169535	+	0	0
ENSG0000(RPS27AP14 processed_ chr9	1164414	1164867	-	0	0

ENSG0000(MED15P5 processed_ chr2	1.3E+08	1.3E+08 +	0	0
ENSG0000(AC092568. processed_ chr2	1.03E+08	1.03E+08 +	0	0
ENSG0000(IGHD7-27 IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(ELOCP26 processed_ chrY	18178932	18179260 -	0	0
ENSG0000(RP4-669L1 lincRNA chr1	358857	366052 +	0	0
ENSG0000(RANP1 processed_ chr6	30485940	30486590 +	0	0
ENSG0000(LYPLA2P3 processed_ chr9	76970322	76971028 +	0	0
ENSG0000(AC023115. lincRNA chr2	67324627	67325304 +	0	0
ENSG0000(RP11-93H1 processed_ chr10	85708760	85709167 +	0	0
ENSG0000(EEF1DP8 processed_ chr11	62169293	62169828 +	0	0
ENSG0000(EIF4A1P6 processed_ chr13	60636888	60638097 -	0	0
ENSG0000(ZNF853 protein_co chr7	6615617	6624290 +	0.33	0.31
ENSG0000(SOCS5P1 processed_ chr7	86216785	86217733 -	0	0
ENSG0000(AP000343. lincRNA chr22	23326616	23328493 +	0.54	0
ENSG0000(KRTAP19-1 unprocessε chr21	30537278	30537381 -	0	0
ENSG0000(AC010086. unprocessε chrY	21405770	21405995 +	0	0
ENSG0000(BAK1P2 processed_ chr11	1.31E+08	1.31E+08 -	0	0
ENSG0000(RP11-46H1 antisense chr12	1.33E+08	1.33E+08 +	0	0
ENSG0000(PITPNA-AS antisense chr17	1516931	1518096 +	11.89	10.58
ENSG0000(XKRYP3 unprocessε chrY	23715922	23726808 -	0	0
ENSG0000(MTND5P17 processed_ chr10	36432882	36434484 -	0	0
ENSG0000(RP11-252P antisense chr6	1.66E+08	1.66E+08 +	0	0
ENSG0000(AC016903. lincRNA chr2	2.04E+08	2.04E+08 -	0	0
ENSG0000(RP11-35J1. lincRNA chr6	76522451	76593623 -	0	0
ENSG0000(RP11-211A processed_ chr1	2.27E+08	2.27E+08 -	0	0
ENSG0000(IFNA4 protein_co chr9	21186694	21187671 -	0	0
ENSG0000(RP5-905H7 processed_ chr7	63263065	63263456 +	0	0
ENSG0000(CTA-221G9 lincRNA chr22	25212742	25213685 +	0	0
ENSG0000(RP11-175D antisense chr9	1.25E+08	1.25E+08 +	0	0
ENSG0000(LAMTOR5P processed_ chr1	62038842	62039111 +	0	0
ENSG0000(AC009947. unprocessε chrY	23549809	23551385 +	0	0
ENSG0000(RP11-473A lincRNA chr1	17717687	17749978 +	0	0
ENSG0000(DLX2-AS1 lincRNA chr2	1.72E+08	1.72E+08 +	0	0
ENSG0000(LINC01923 lincRNA chr2	1.98E+08	1.98E+08 -	0	0
ENSG0000(AC079780. processed_ chr7	23480753	23480959 +	0	0
ENSG0000(AC023347. processed_ chr2	1.26E+08	1.26E+08 -	0	0
ENSG0000(RP11-144L. antisense chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(RP11-83J2. antisense chr9	1.31E+08	1.31E+08 +	0	0
ENSG0000(FAM90A7P unprocessε chr8	7556700	7559712 -	0	0
ENSG0000(RP11-108L. antisense chr10	1.01E+08	1.01E+08 -	0	0.31
ENSG0000(FRGCA antisense chr21	43140523	43141092 -	0	0
ENSG0000(AC011998. sense_intrε chr2	1.78E+08	1.78E+08 -	0	0
ENSG0000(AC114808. antisense chr2	1158310	1160424 -	0	0
ENSG0000(POTEH-AS1 antisense chr22	15699361	15703403 -	0	0
ENSG0000(AC104076. processed_ chr2	1.81E+08	1.81E+08 -	0	0

ENSG0000(RP11-85O2 antisense chr9	1.24E+08	1.24E+08 -	0	0
ENSG0000(KRT18P5 processed_chr22	20482815	20484105 -	0.32	0.35
ENSG0000(PRKG1-AS1 antisense chr10	52230742	52314128 -	0.56	0.35
ENSG0000(RP11-69I8. lincRNA chr6	1.32E+08	1.32E+08 +	0.14	0.25
ENSG0000(RP4-792G4 processed_chr1	63359823	63361179 -	0	0
ENSG0000(MTX1P1 unprocessε chr1	1.55E+08	1.55E+08 +	0	0
ENSG0000(RP5-837I24 antisense chr1	81585941	81625713 -	0	0
ENSG0000(AP000688. antisense chr21	36060432	36064408 +	0	0
ENSG0000(LINC00347 lincRNA chr13	74552503	74565445 +	0	0
ENSG0000(RPL23AP24 processed_chr1	347982	348366 -	1.22	0
ENSG0000(RP11-296P processed_chr9	19026892	19028129 +	0	0
ENSG0000(DSTNP5 processed_chr2	2.04E+08	2.04E+08 +	0	0
ENSG0000(AC068282. lincRNA chr2	1.27E+08	1.27E+08 +	1.43	1.73
ENSG0000(HMGA1P1 processed_chrX	26748029	26749090 +	0	0
ENSG0000(BZW1P1 processed_chr3	1.72E+08	1.72E+08 -	0.14	0
ENSG0000(RP11-323H lincRNA chr9	1.32E+08	1.32E+08 +	0.05	0
ENSG0000(MTCO2P21 unprocessε chr1	93926615	93927569 -	0	0
ENSG0000(AC007274. unprocessε chrY	7690511	7692678 +	0	0
ENSG0000(NDUFA4P2 processed_chr3	1.03E+08	1.03E+08 +	0	0
ENSG0000(RP11-1217 unprocessε chr7	57187892	57189437 +	0	0
ENSG0000(HNRNPA1F processed_chr2	1.94E+08	1.94E+08 +	0	0
ENSG0000(EIF1AXP1 processed_chr1	16685621	16686055 -	3.89	0.59
ENSG0000(ARHGEF38 protein_co chr4	1.06E+08	1.06E+08 +	0	0.19
ENSG0000(LINC01010 lincRNA chr6	1.34E+08	1.35E+08 +	0.04	0
ENSG0000(RP11-549A processed_chr9	73648828	73649839 +	0	0
ENSG0000(MYB-AS1 antisense chr6	1.35E+08	1.35E+08 -	0	0
ENSG0000(CNOT4P1 processed_chr13	20921664	20923233 -	0	0
ENSG0000(AC073316. antisense chr7	3264032	3302452 -	0	0
ENSG0000(DAPK1-IT1 sense_intrε chr9	87553454	87554459 +	0	0
ENSG0000(AC108448. processed_chr11	3084393	3085443 -	0.18	0.2
ENSG0000(SMAD9-IT1 sense_intrε chr13	36849366	36850046 -	0	0
ENSG0000(AC079448. processed_chr7	7293508	7293880 +	0	0
ENSG0000(RP11-363I2 processed_chr1	1.51E+08	1.51E+08 +	0	0
ENSG0000(LINC01844 lincRNA chr5	1.43E+08	1.43E+08 +	0	0
ENSG0000(RP11-478H lincRNA chr10	28743745	28744663 +	0	0
ENSG0000(RP11-100G unprocessε chr9	92150382	92157445 -	0	0
ENSG0000(RBMY2QP unprocessε chrY	10022489	10034187 -	0	0
ENSG0000(OVAAL lincRNA chr1	1.81E+08	1.81E+08 +	0	0
ENSG0000(LINC01741 lincRNA chr1	1.78E+08	1.78E+08 +	0	0
ENSG0000(RP11-359I1 processed_chr3	58511310	58511676 +	0	0
ENSG0000(RP5-1024G antisense chr1	53209783	53213775 -	0.57	0.39
ENSG0000(RP11-252N antisense chr9	3875584	3878809 +	0	0
ENSG0000(RP4-801G2 unprocessε chr1	1.58E+08	1.58E+08 -	0	0
ENSG0000(AC094019. unprocessε chr3	32151083	32151895 -	0	0
ENSG0000(RP11-203L antisense chr9	68822403	68843275 -	0	0

ENSG0000(RPL31P63 processed_ chrX	68600099	68600473	+	0	0
ENSG0000(UQCRC2P1 processed_ chr3	46310591	46311922	-	0	0
ENSG0000(GAGE12B protein_co chrX	49529869	49529985	+	0	0
ENSG0000(CLIC4P1 processed_ chr9	22747700	22748234	+	0	0
ENSG0000(RP11-411K lincRNA chr6	53930022	53997667	+	0	0.14
ENSG0000(RP4-560B9 processed_ chr1	1.72E+08	1.72E+08	+	0	0
ENSG0000(RP5-857K2 lincRNA chr1	357383	359681	-	0	0
ENSG0000(RP11-168C sense_intr chr10	55247755	55597233	-	0	0
ENSG0000(YRDCP2 processed_ chr9	96954820	96955461	+	0	0
ENSG0000(LINC01282 lincRNA chrX	39367285	39391774	-	0	0
ENSG0000(AC009500. processed_ chr7	8938787	8939369	+	0	0
ENSG0000(AC009237. processed_ chr2	95641634	95641980	-	0	0
ENSG0000(LINC01186 lincRNA chrX	46325924	46327645	-	0	0
ENSG0000(MKLN1-AS processed_ chr7	1.31E+08	1.31E+08	-	1.67	2.35
ENSG0000(AC004019. antisense chr22	17580157	17589192	-	0	0
ENSG0000(DNAJC9-AS antisense chr10	73247360	73276984	+	0.02	0.06
ENSG0000(MTUS2-AS. antisense chr13	29239379	29250554	-	0	0
ENSG0000(AC019118. lincRNA chr2	3131581	3145780	-	0	0
ENSG0000(CTAGE9 protein_co chr6	1.32E+08	1.32E+08	-	0	0
ENSG0000(RPL19P16 processed_ chr10	1.21E+08	1.21E+08	-	0	0
ENSG0000(TRMT112P processed_ chr9	1.01E+08	1.01E+08	-	0	0
ENSG0000(COX7A2P2 processed_ chr4	96902801	96903050	+	0	0
ENSG0000(RP11-1029 processed_ chr3	48120669	48121215	-	0	0
ENSG0000(RP11-168P lincRNA chr10	43901365	43912326	-	0	0
ENSG0000(AC079325. unprocess chr17	74549399	74552737	-	0	0
ENSG0000(RP5-1184F. antisense chr20	32449755	32453607	+	0	0
ENSG0000(RP11-365C processed_ chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(RP11-551G processed_ chr1	2.47E+08	2.47E+08	+	0	0
ENSG0000(RPL21P23 processed_ chr1	56538452	56538911	+	0	0
ENSG0000(RP11-108B processed_ chr10	22163092	22164306	+	0	0
ENSG0000(INTS6-AS1 antisense chr13	51452367	51552364	+	2.6	2.5
ENSG0000(RP11-430C processed_ chr1	2.05E+08	2.05E+08	-	0	0
ENSG0000(LINC01829 lincRNA chr2	67123357	67215319	-	0.34	0.37
ENSG0000(RP11-96L1. protein_co chr1	26169516	26171821	-	0.1	0
ENSG0000(RPS15AP27 processed_ chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(SDR42E1P5 processed_ chr2	1.02E+08	1.02E+08	+	0	0
ENSG0000(TSPY15P unprocess chrY	9548108	9550681	+	0	0
ENSG0000(LINC00299 lincRNA chr2	8007771	8383621	-	0.12	0.04
ENSG0000(OR2AI1P unprocess chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(RP11-142L. processed_ chr1	1.92E+08	1.92E+08	+	0	0
ENSG0000(BCRP8 processed_ chr22	23179918	23180172	-	0	0
ENSG0000(AC006004. antisense chr7	1.47E+08	1.47E+08	-	0	0
ENSG0000(RP11-462B unprocess chr9	32836575	32869595	-	0	0
ENSG0000(SPA17P1 transcribec chr10	75382393	75382844	-	0	0
ENSG0000(RP11-383C lincRNA chr10	1.15E+08	1.15E+08	+	0	0

ENSG00000100000	RP11-534L1	lincRNA	chr10	48664199	48672424	-	0	0
ENSG00000100000	RPL24P8	processed	chr9	70217195	70217668	+	0.16	0
ENSG00000100000	SDAD1P4	processed	chr13	23267506	23269150	+	0	0
ENSG00000100000	RPS3AP12	processed	chr1	1.19E+08	1.19E+08	-	0	0
ENSG00000100000	RPL7AP15	processed	chr1	1.47E+08	1.47E+08	+	0	0
ENSG00000100000	AC092066	processed	chr19	44765148	44765464	+	0	0
ENSG00000100000	SNX25P1	unprocessed	chr1	2.11E+08	2.11E+08	+	0.08	0.25
ENSG00000100000	ELOA-AS1	antisense	chr1	23760382	23778287	-	1.82	1.23
ENSG00000100000	GAPDHP2	processed	chr20	13392677	13393674	+	0	0
ENSG00000100000	BTF3P8	processed	chrX	63766875	63767400	+	0	0
ENSG00000100000	RP11-446E	processed	chr8	56050038	56051207	-	0	0.19
ENSG00000100000	ANKRD20A	unprocessed	chr9	42852675	42894751	+	0	0
ENSG00000100000	RP11-978I1	antisense	chr1	2.48E+08	2.48E+08	-	0	0
ENSG00000100000	ARL5AP2	processed	chr10	99013103	99013952	-	0	0
ENSG00000100000	LINC01563	lincRNA	chr17	21075556	21090615	+	0	0
ENSG00000100000	RP11-137J1	antisense	chr6	1.42E+08	1.42E+08	+	0	0
ENSG00000100000	RP1-249F5	lincRNA	chr6	1.6E+08	1.6E+08	+	0	0
ENSG00000100000	BCYRN1	scRNA	chr2	47335315	47335514	+	175.76	186.79
ENSG00000100000	RAB28P2	processed	chr9	62606797	62607748	-	0	0
ENSG00000100000	LINC00529	lincRNA	chr8	11247626	11267865	-	0	0
ENSG00000100000	DMD-AS3	antisense	chrX	32754940	32756400	+	0	0
ENSG00000100000	Z97634.3	transcribed	chr16	382097	392960	+	0.56	0.93
ENSG00000100000	CBR3-AS1	processed	chr21	36131767	36175815	-	1.89	2.51
ENSG00000100000	YME1L1P1	unprocessed	chr22	15489990	15492564	+	0	0
ENSG00000100000	AC073465	processed	chr2	1.73E+08	1.73E+08	-	0	0
ENSG00000100000	AC024560	lincRNA	chr3	1.98E+08	1.98E+08	-	0	0.09
ENSG00000100000	LINC00421	lincRNA	chr13	19345049	19346749	+	0	0
ENSG00000100000	PCYT1B-AS	antisense	chrX	24650073	24658237	+	0	0
ENSG00000100000	AC139712	lincRNA	chr2	52494688	52500752	-	0	0
ENSG00000100000	AC090617	antisense	chr17	2213697	2214414	+	0	0
ENSG00000100000	RP11-3P22	lincRNA	chr7	69187833	69189318	-	0	0
ENSG00000100000	AC007750	antisense	chr2	1.62E+08	1.62E+08	+	0.84	1.29
ENSG00000100000	RP11-399K	antisense	chr10	75430571	75431588	-	0	0
ENSG00000100000	AC091633	processed	chr3	1.96E+08	1.96E+08	+	0.16	0
ENSG00000100000	RP11-239E	lincRNA	chr1	2.23E+08	2.23E+08	+	0	0
ENSG00000100000	AC018892	unprocessed	chr2	97035461	97037549	-	0	0
ENSG00000100000	RPL23AP95	processed	chr7	1.03E+08	1.03E+08	-	0	0
ENSG00000100000	LINC01474	lincRNA	chr9	72871728	72874109	-	0	0
ENSG00000100000	RP11-3D23	processed	chrX	62779250	62780326	+	0	0
ENSG00000100000	OR2R1P	unitary_psi	chr7	1.43E+08	1.43E+08	-	0	0
ENSG00000100000	AL121656	lincRNA	chr2	32927127	32928405	+	0	0
ENSG00000100000	AC105393	lincRNA	chr2	388412	416885	+	0	0
ENSG00000100000	RAP1BP1	processed	chr9	18717974	18718526	-	0	0
ENSG00000100000	CTA-992D9	lincRNA	chr22	27048144	27060518	-	0.02	0
ENSG00000100000	NIFK-AS1	antisense	chr2	1.22E+08	1.22E+08	+	2.42	2.56

ENSG0000(RPL39P29 processed_ chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(AC006378. antisense chr7	93969442	94011113	+	0	0
ENSG0000(RPS20P24 processed_ chr9	72655832	72656192	-	0	0
ENSG0000(RPL23AP23 processed_ chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(RP11-44H4 lincRNA chr3	1.88E+08	1.88E+08	-	0	0
ENSG0000(AL157902. antisense chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP3-522J7. processed_ chr22	49817248	49817712	+	0	0
ENSG0000(RP11-944L antisense chr3	44557357	44685653	-	0.34	0.19
ENSG0000(RP1-223D1 processed_ chrX	83559896	83560312	-	0	0
ENSG0000(LINC00106 lincRNA chrX	1396427	1399402	+	2.34	1.38
ENSG0000(LINC00106 lincRNA chrY	1396427	1399402	+	2.34	1.38
ENSG0000(RP11-291L processed_ chr1	45415020	45415344	+	0	0.34
ENSG0000(RP1-66N13 lincRNA chr20	48383323	48384895	-	0	0
ENSG0000(DDX11L5 unprocessε chr9	12134	13783	+	0	0
ENSG0000(TMSB4XP1 processed_ chr1	42500205	42500339	-	0	0
ENSG0000(SETD6P1 processed_ chr2	1.08E+08	1.08E+08	-	0	0
ENSG0000(MTATP6P2 processed_ chr2	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP3-384D2 processed_ chrX	1.25E+08	1.25E+08	-	0	0
ENSG0000(LINC01554 lincRNA chr5	95852232	95860133	+	0.16	0.26
ENSG0000(AP001615. antisense chr21	41739373	41741308	+	0	0
ENSG0000(AC018731. lincRNA chr2	1.51E+08	1.51E+08	-	0	0
ENSG0000(AC007563. antisense chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(RP11-389C processed_ chr1	1.13E+08	1.13E+08	+	0	0
ENSG0000(RPS20P5 processed_ chr1	57605847	57606206	-	0	0
ENSG0000(RP11-38J2. lincRNA chr1	2.06E+08	2.06E+08	-	0	0
ENSG0000(XXbac-B47 processed_ chr22	18081466	18081675	-	0	0
ENSG0000(RP11-482E lincRNA chr10	3532094	3537031	-	0	0
ENSG0000(ASS1P7 processed_ chr3	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-128B transcribec chr10	26577676	26622338	-	0	0
ENSG0000(RP11-535C antisense chr9	97986551	97987656	-	0	0
ENSG0000(AC113331. lincRNA chr11	5106062	5107530	-	0	0
ENSG0000(TIMM9P1 processed_ chr10	74344550	74344805	-	0	0
ENSG0000(MIR600HG sense_intrε chr9	1.23E+08	1.23E+08	-	0.05	0.04
ENSG0000(RP11-348H processed_ chr1	2.13E+08	2.13E+08	+	0.16	0.18
ENSG0000(RP11-548K unprocessε chr7	57817601	57818012	-	0	0
ENSG0000(RP5-1063N lincRNA chr12	3318718	3325343	+	0.02	0.02
ENSG0000(OR2P1P unprocessε chr6	29071824	29072599	-	0	0
ENSG0000(RP11-78B1 antisense chr1	2.08E+08	2.08E+08	-	0	0
ENSG0000(AC025750. processed_ chr2	42469817	42470266	+	0	0
ENSG0000(LINC01852 lincRNA chr15	38069481	38072959	-	0.76	0.49
ENSG0000(RP4-651E1 antisense chr1	86571181	86693203	-	0	0
ENSG0000(DNAJA1P2 processed_ chr2	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-347H unprocessε chr11	50246554	50247761	-	0	0
ENSG0000(RP11-111D lincRNA chr6	98210020	98214683	-	0	0
ENSG0000(RP11-408N lincRNA chr9	22203990	22214672	-	0	0

ENSG0000(LINC01378 lincRNA chr4	1.17E+08	1.18E+08	+	0	0
ENSG0000(RP11-390F lincRNA chr9	6645956	6670635	+	0	0
ENSG0000(RP11-792A processed_chr7	66434634	66435154	-	0	0
ENSG0000(RP11-699A processed_chrX	15117437	15117768	-	0	0
ENSG0000(RP11-852E processed_chr3	45883640	45884113	-	0.65	0
ENSG0000(CEACAMP8 unprocessε chr19	43035869	43041248	-	0	0
ENSG0000(AP003774. antisense chr11	64325050	64329504	-	0.1	0.11
ENSG0000(RP3-329E2 antisense chr1	21266082	21267251	+	0	0
ENSG0000(PTGES3P4 processed_chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000(AC003092. lincRNA chr7	94071759	94077157	-	0	0
ENSG0000(BAALC-AS2 antisense chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-98D1 processed_chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-366N processed_chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RP11-6B6.3 processed_chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(CCDC58P2 processed_chr10	50962993	50963358	-	0	0
ENSG0000(HNRNPA1F processed_chr12	68035767	68036853	+	0	0
ENSG0000(RP11-98G7 lincRNA chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(RP11-154H lincRNA chr1	5561709	5668295	-	0	0
ENSG0000(LINC01774 lincRNA chr1	2.09E+08	2.09E+08	+	0	0
ENSG0000(AC007359. lincRNA chrY	22100814	22147484	-	0	0
ENSG0000(ZDHHC20-l sense_intrε chr13	21376977	21377874	-	0	0
ENSG0000(NF1P8 unprocessε chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-451C transcribed chr1	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-264A sense_intrε chr10	54864674	54869122	-	0	0
ENSG0000(SULT1D1P unitary_psε chr4	69791872	69813888	-	0.07	0
ENSG0000(RP11-265G processed_chr10	19491072	19491299	-	0	0
ENSG0000(RP1-261G2 lincRNA chr6	43722786	43737834	-	0	0
ENSG0000(LINC01141 lincRNA chr1	20360579	20431234	-	0	0.07
ENSG0000(OR52N3P unitary_psε chr11	5800364	5801297	+	0	0
ENSG0000(RP11-216N processed_chr9	40131747	40132218	+	0	0
ENSG0000(RP11-298E lincRNA chr10	3223816	3227407	+	0	0
ENSG0000(GGT8P unprocessε chr2	91775944	91781169	+	0	0
ENSG0000(FABP5P1 processed_chr13	73100575	73100985	-	0	0
ENSG0000(GAPDHP51 processed_chr1	51707138	51708137	-	0	0
ENSG0000(RP5-1065P lincRNA chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RP11-165H processed_chr7	64141538	64142401	-	0	0
ENSG0000(ANKRD44-l sense_intrε chr2	1.97E+08	1.97E+08	-	0	0
ENSG0000(RP11-575N processed_chr7	70837738	70838013	+	0	0
ENSG0000(C3orf84 protein_co chr3	49177632	49191858	-	0	0
ENSG0000(OR10G9 protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(BLOC1S2P1 processed_chrX	64726748	64727048	-	0	0
ENSG0000(RP5-1195D lincRNA chr20	16857962	16864148	-	0	0
ENSG0000(RP11-544A antisense chr9	1.31E+08	1.31E+08	-	0	0
ENSG0000(NDUFA5P8 processed_chr11	3276045	3276390	+	0	0
ENSG0000(RP11-402K processed_chrX	1E+08	1E+08	-	0	0

ENSG0000(AC142119. lincRNA	chr2	16085222	16105841	-	0	0
ENSG0000(RP11-433J. lincRNA	chr10	4051726	4089013	+	0	0
ENSG0000(EDRF1-AS1 antisense	chr10	1.26E+08	1.26E+08	-	0	0
ENSG0000(RPL12P12 processed_	chr20	19823443	19823943	-	0	0
ENSG0000(GAPDHP21 processed_	chr10	55667341	55668350	-	0.06	0
ENSG0000(YBX1P9 processed_	chr1	2.26E+08	2.26E+08	-	0	0
ENSG0000(MLIP-IT1 sense_intron	chr6	53998890	54007152	+	0	0
ENSG0000(RP11-203L. processed_	chr9	68788307	68789670	-	0	0
ENSG0000(ATP2B2-IT1 sense_intron	chr3	10566255	10570375	-	0	0
ENSG0000(PTMAP6 processed_	chr20	56700837	56701514	-	0	0
ENSG0000(WASF3-AS: antisense	chr13	26606544	26641364	-	0	0
ENSG0000(RP11-92J1. lincRNA	chr10	36438616	36442392	+	0	0
ENSG0000(RP4-612C1 processed_	chr1	93190740	93191060	-	0	0
ENSG0000(ZNRF2P1 processed_	chr7	32728569	32729011	+	0.54	1.78
ENSG0000(HIGD1A1. processed_	chr20	10334419	10334698	+	0	0
ENSG0000(KRT18P52 processed_	chr2	31822591	31823436	-	0	0
ENSG0000(LAPTM4BP processed_	chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(GLIS3-AS1 antisense	chr9	3898642	3901248	+	0	0
ENSG0000(RP11-98G1 lincRNA	chr1	1.94E+08	1.94E+08	-	0	0
ENSG0000(LINC01812 lincRNA	chr2	67796054	67825562	-	0	0
ENSG0000(AC004074. processed_	chrX	73237647	73238709	-	0	0
ENSG0000(CTA-984G1 antisense	chr22	29260889	29262037	+	0	0
ENSG0000(AC013410. processed_	chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(AC012314. antisense	chr19	54119511	54125343	-	0.01	0.06
ENSG0000(GS1-433O2 lincRNA	chrX	22698457	22768966	+	0	0
ENSG0000(IGH1-20 IG_D_gene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP3-486I3. lincRNA	chr6	1.16E+08	1.16E+08	+	0	0.03
ENSG0000(USP9YP3 unprocessed	chrY	21661926	21674008	+	0	0
ENSG0000(RPL21P33 processed_	chr2	60852260	60852743	+	0	0
ENSG0000(RP1-315G1 processed_	chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-328P processed_	chr7	65235790	65236723	-	0	0
ENSG0000(RP11-16C1 antisense	chr6	89560875	89567044	-	0	0
ENSG0000(AC008067. antisense	chr2	80572681	80618777	-	0	0
ENSG0000(RPSAP7 processed_	chr10	14723171	14724055	-	0	0
ENSG0000(CASP3P1 processed_	chr1	70660657	70661265	-	0	0
ENSG0000(AC109589. lincRNA	chr2	1.98E+08	1.98E+08	-	0	0
ENSG0000(ZEB1-AS1 antisense	chr10	31206278	31320447	-	3.94	6.15
ENSG0000(NDUFA6-A. processed_	chr22	42090931	42137742	+	3.64	2.99
ENSG0000(USP17L8 protein_coding	chr8	7971661	7973253	-	0	0
ENSG0000(AC018738. processed_	chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(DPH3P2 processed_	chrX	1.56E+08	1.56E+08	+	0	0
ENSG0000(DPH3P2 processed_	chrY	57062156	57062405	+	0	0
ENSG0000(AC007679. processed_	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(MICG unprocessed	chr6	29812565	29812696	-	0	0
ENSG0000(TTTY12 lincRNA	chrY	7804924	7810683	+	0	0

ENSG0000(RPL34P1 processed_ chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(FUCA1P1 processed_ chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(PRMT5-AS: antisense chr14	22918947	22926900	+	0	0
ENSG0000(MTCO1P48 processed_ chr2	94899566	94900661	-	0	0
ENSG0000(LINC02087 lincRNA chr17	15806241	15817742	-	0	0.24
ENSG0000(RP13-436F antisense chr1	2632568	2636620	+	0	0
ENSG0000(RP11-956J: sense_intron chr8	73083787	73085879	-	0	0
ENSG0000(RP11-308N lincRNA chr9	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP4-550H1 lincRNA chr20	36086252	36088192	-	0	0.12
ENSG0000(EIF3IP1 processed_ chr7	1.1E+08	1.1E+08	-	0	0
ENSG0000(NANOGP4 transcribed chr7	29212302	29213214	+	0	0
ENSG0000(RPL5P2 processed_ chr20	45490818	45491671	-	0	0
ENSG0000(TTTY23B lincRNA chrY	6242446	6243610	-	0	0
ENSG0000(AC005550. antisense chr7	15667947	15681980	+	0	0
ENSG0000(RP11-232A processed_ chr9	81488308	81488837	+	0	0
ENSG0000(RP11-168K antisense chr9	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-6J21. lincRNA chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(RP5-836J3. lincRNA chr1	83790280	83801465	+	0	0
ENSG0000(AC105399. transcribed chr2	77788382	77793087	+	0	0
ENSG0000(EHMT2-AS: antisense chr6	31883761	31884204	+	0	0
ENSG0000(COX5BP6 processed_ chr13	1.01E+08	1.01E+08	-	0.83	0.91
ENSG0000(RP11-132E processed_ chr9	17108304	17108604	-	0	0
ENSG0000(AC127391. processed_ chr2	91859384	91859481	+	0	0
ENSG0000(AC068134. lincRNA chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(RP11-73E6 processed_ chr9	20532552	20533339	+	0	0
ENSG0000(PCNPP4 processed_ chrX	75537547	75538702	-	0	0
ENSG0000(RP11-342N processed_ chr1	42891094	42892430	-	0	0
ENSG0000(LINC01065 lincRNA chr13	53146539	53151808	-	0	0
ENSG0000(RP4-669L1 lincRNA chr1	365389	501617	-	7.01	8.07
ENSG0000(GYG1P2 processed_ chr13	82823131	82824136	+	0	0
ENSG0000(RP11-365C antisense chr1	2.24E+08	2.24E+08	+	0.04	0
ENSG0000(FABP5P15 processed_ chrX	77727867	77728080	+	0	0
ENSG0000(RP11-256G processed_ chr6	42499710	42500022	+	0	0
ENSG0000(RPL21P111 processed_ chr13	78761175	78761651	+	0	0
ENSG0000(TAAR9 protein_coding chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(IGHJ3P IG_J_pseudogene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP1-131F1 processed_ chr6	1.32E+08	1.32E+08	-	0	0
ENSG0000(CYP2F2P unitary_pseudogene chr19	40818721	40826772	-	0	0
ENSG0000(LINC01056 lincRNA chr20	63038011	63053863	+	0	0
ENSG0000(PIEZO1P2 unprocessed chr20	58740532	58783821	-	0	0
ENSG0000(FAM90A19 unprocessed chr8	7753682	7756692	+	0	0
ENSG0000(MTND2P11 unprocessed chr9	1.09E+08	1.09E+08	+	0	0
ENSG0000(HAND2-AS: antisense chr4	1.74E+08	1.74E+08	+	15.33	18.16
ENSG0000(AC073254. antisense chr2	2.33E+08	2.33E+08	-	0.22	0
ENSG0000(LL22NC03- unprocessed chr22	22834865	22835117	+	0	0

ENSG0000(RP11-351M lincRNA chr10	28433008	28495813	-	0	0
ENSG0000(MTCYBP34 processed_chr22	36175857	36176526	+	0	0
ENSG0000(MRPS6P2 processed_chr1	50846468	50846837	+	0	0
ENSG0000(RP1-69E11 processed_chr1	1.68E+08	1.68E+08	+	0	0
ENSG0000(AC020594. antisense chr2	33555047	33563547	-	0	0
ENSG0000(DDX10P1 processed_chr10	30919012	30921235	-	0.03	0.03
ENSG0000(C4orf51 protein_co chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-408A processed_chr9	14531916	14532042	-	0	0
ENSG0000(HUNK-AS1 antisense chr21	32020966	32021782	-	0	0
ENSG0000(RPS26P41 processed_chr10	73537803	73538391	+	0	0
ENSG0000(HSPE1P16 processed_chr16	26062750	26063097	-	0	0
ENSG0000(DNAJC19P. processed_chr10	67833763	67834081	+	0	0
ENSG0000(HIGD1AP2 processed_chr13	81272891	81273170	+	0	0
ENSG0000(ZNF503-AS antisense chr10	75401519	75408982	+	3.55	3.2
ENSG0000(DLEU7-AS1 antisense chr13	50807856	50849905	+	0	0
ENSG0000(RP11-132E lincRNA chr9	17018708	17112815	+	0	0
ENSG0000(MCFD2P1 processed_chr6	27407697	27407996	+	0	0
ENSG0000(RP11-472F processed_chr9	6568844	6569360	+	0	0
ENSG0000(CNTFR-AS1 antisense chr9	34568015	34582829	+	0	0
ENSG0000(AC004022. processed_chr7	95348718	95348910	-	0	0
ENSG0000(RP11-32B5 processed_chr15	21293653	21295201	-	0	0
ENSG0000(RP11-443F processed_chr2	62939916	62940282	+	0	0
ENSG0000(RP4-771M. processed_chr1	62905180	62905482	+	0	0
ENSG0000(SLC25A15P unprocessε chr13	19411231	19416188	+	0	0
ENSG0000(LINC01792 lincRNA chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(AC128709. lincRNA chr3	1.97E+08	1.97E+08	+	0	0
ENSG0000(RPL12P27 processed_chr10	97309138	97309958	-	0.15	0
ENSG0000(RPS7P15 processed_chr4	4507078	4507777	+	0	0
ENSG0000(GS1-466O4 unprocessε chrX	26223903	26224658	+	0	0
ENSG0000(B3GNT9 protein_co chr16	67148105	67151214	-	20.4	20.09
ENSG0000(RP5-866L2. processed_chr1	54524824	54524931	+	0	0
ENSG0000(RP11-415D antisense chr6	75357214	75399300	+	0	0
ENSG0000(NME1P1 processed_chr13	22099163	22099544	-	0	0
ENSG0000(RP11-813P processed_chr12	59812102	59812576	+	0	0
ENSG0000(AC019080. processed_chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(LINC01797 lincRNA chr2	66697125	66703227	-	0	0
ENSG0000(CYP46A4P processed_chr1	48089368	48089634	+	0	0
ENSG0000(AC147651. antisense chr7	603185	608482	+	0	0
ENSG0000(RP11-402P processed_chrX	71736454	71736703	-	0	0
ENSG0000(KRTAP9-10 unprocessε chr17	41280604	41280810	+	0	0
ENSG0000(VN1R66P unprocessε chr16	31648307	31649222	+	0	0
ENSG0000(RP11-229A processed_chr3	57530345	57530967	-	0	0
ENSG0000(NR2F1-AS1 antisense chr5	93409359	93585648	-	7.11	9.85
ENSG0000(RP11-337C antisense chr1	1.47E+08	1.47E+08	+	1.12	1.52
ENSG0000(RP11-85G2 lincRNA chr1	1.57E+08	1.57E+08	-	0	0

ENSG0000(CDKN2AIP1 protein_co chr5	1.34E+08	1.34E+08 -	7.85	8.42
ENSG0000(RP11-275C processed_ chr1	2.27E+08	2.27E+08 +	0	0
ENSG0000(SNAI1P1 processed_ chr2	2.1E+08	2.1E+08 +	0	0
ENSG0000(DLGAP5P1 processed_ chrY	6158802	6159265 +	0	0
ENSG0000(IGHD1-7 IG_D_gene chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(ZBTB40-IT1 sense_intr chr1	22517474	22519708 +	0	0.96
ENSG0000(AJ239321.3 processed_ chr21	13120244	13120807 +	0	0
ENSG0000(RPL7P34 processed_ chr10	88618223	88618934 -	0	0
ENSG0000(IMPDPH1P4 processed_ chrX	43278125	43279658 -	0	0
ENSG0000(RBM17P3 processed_ chr9	41974362	41975768 +	0	0
ENSG0000(RP11-13E5 lincRNA chrX	1.26E+08	1.26E+08 +	0	0
ENSG0000(RP11-339F processed_ chr7	55244247	55245681 +	0	0
ENSG0000(SETP4 processed_ chrX	84755136	84756003 +	0	0
ENSG0000(RP11-569G lincRNA chr9	96095211	96101912 +	0	0
ENSG0000(RPL23AP22 processed_ chr1	1.94E+08	1.94E+08 -	0	0
ENSG0000(RP11-12M5 processed_ chr22	41064052	41064633 +	0	0
ENSG0000(ABC12-470 unprocess chr8	12290071	12296180 -	0	0
ENSG0000(AC008074. processed_ chr2	64450096	64450524 +	0	0
ENSG0000(AC104777. lincRNA chr2	1.51E+08	1.51E+08 +	0	0
ENSG0000(PPEF1-AS1 antisense chrX	18688643	18691604 -	0	0
ENSG0000(LINC01968 lincRNA chr3	1.95E+08	1.95E+08 +	0	0
ENSG0000(SULT1C2P1 transcribec chr2	1.08E+08	1.08E+08 +	0	0
ENSG0000(RP11-109A antisense chr10	1.3E+08	1.3E+08 -	0	0
ENSG0000(OR13K1P processed_ chrX	1.32E+08	1.32E+08 +	0	0
ENSG0000(RPS3AP39 processed_ chr11	3549745	3550519 -	0	0
ENSG0000(RP5-1155K processed_ chr1	62208136	62208442 -	0	0
ENSG0000(KRTAP2-5P unprocess chr17	41071946	41072341 +	0	0
ENSG0000(ZNF295-AS lincRNA chr21	42009194	42024924 +	0	0
ENSG0000(TMEM26-A antisense chr10	61452639	61481956 +	0.07	0
ENSG0000(RP1-142L7. antisense chr6	1.12E+08	1.12E+08 +	0.14	0
ENSG0000(TRDD2 TR_D_gene chr14	22439007	22439015 +	0	0
ENSG0000(RP11-548K unprocess chr7	57822201	57822942 +	0	0
ENSG0000(BMS1P10 unprocess chr9	63372803	63380011 -	1.34	1.01
ENSG0000(BTF3P15 processed_ chr10	1.1E+08	1.1E+08 +	0	0
ENSG0000(AC022173. antisense chr7	1.38E+08	1.38E+08 +	0	0
ENSG0000(MBD3L5 protein_co chr19	7030578	7033011 +	0	0
ENSG0000(LINC00987 lincRNA chr12	9240003	9243052 +	0.62	0.85
ENSG0000(RP1-102G2 processed_ chr1	1.75E+08	1.75E+08 +	0	0
ENSG0000(RP11-193H antisense chr1	2.38E+08	2.38E+08 +	0	0
ENSG0000(AC072061. unprocess chr7	39816549	39868140 +	0	0
ENSG0000(RP11-322A processed_ chrX	76222637	76223097 +	0	0
ENSG0000(TRBV30 TR_V_gene chr7	1.43E+08	1.43E+08 -	0	0
ENSG0000(PGAM3P processed_ chr20	11621051	11621477 +	0	0
ENSG0000(MTND2P8 unprocess chr9	78741720	78742744 -	0	0
ENSG0000(RP4-568F9 antisense chr20	18313765	18315111 -	0	0

ENSG0000(AC073069. processed_ chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA chr2	14530941	14531223	+	0	0
ENSG0000(AC068492. lincRNA chr2	1.36E+08	1.36E+08	+	0	0
ENSG0000(MAPK6PS3 processed_ chr13	42068932	42071093	-	0	0
ENSG0000(FTH1P11 processed_ chr8	81521682	81522232	-	3.05	1.24
ENSG0000(RP11-402P transcribed chrX	71662998	71666767	-	0	0
ENSG0000(LINC01810 lincRNA chr2	5810641	5812596	-	0	0
ENSG0000(LINC01519 lincRNA chr10	85193421	85197958	-	0	0
ENSG0000(RP13-492C transcribed chr7	56421857	56448375	-	0	0
ENSG0000(RBMY2TP unprocessed chrY	21430697	21437245	-	0	0
ENSG0000(AC009498. lincRNA chr2	2.04E+08	2.04E+08	-	0	0
ENSG0000(OR51R1P unitary_ps chr11	4418060	4419011	+	0	0
ENSG0000(RSL24D1P8 processed_ chr19	12096424	12096915	+	0.15	0
ENSG0000(GTF3AP1 processed_ chr9	6195934	6197248	+	0	0
ENSG0000(RP11-552J processed_ chrX	52687363	52687633	-	0	0
ENSG0000(ANO7L1 transcribed chr1	16215909	16228027	-	1.32	0.32
ENSG0000(RLIMP2 processed_ chr1	1.13E+08	1.13E+08	-	0	0.04
ENSG0000(RP4-631H1 processed_ chr1	52943536	52943930	-	0	0
ENSG0000(RP11-96C2 sense_intr chr10	87113954	87115523	+	0	0
ENSG0000(CATIP-AS2 antisense chr2	2.18E+08	2.18E+08	-	0	0
ENSG0000(LINC00851 antisense chr20	18379049	18381484	+	0	0
ENSG0000(RP11-316I lincRNA chr1	1.89E+08	1.89E+08	-	0	0
ENSG0000(HNRNPA1P processed_ chr6	32325219	32326178	+	0	0
ENSG0000(AC004906. antisense chr7	2944035	2947091	+	0	0
ENSG0000(CKMT1B protein_co chr15	43593054	43604901	+	0	0
ENSG0000(LINC01343 lincRNA chr1	38209034	38214767	-	0	0
ENSG0000(LINC01732 lincRNA chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(AC007099. antisense chr2	75474453	75482579	+	0	0
ENSG0000(EIF4BP9 processed_ chrX	66074835	66076347	-	0	0
ENSG0000(SMG1P1 transcribed chr16	22437008	22492220	+	8.88	11.59
ENSG0000(FAM166AP unprocessed chr10	44712	46884	+	0	0
ENSG0000(TTN-AS1 antisense chr2	1.79E+08	1.79E+08	+	6.67	6.9
ENSG0000(LA16c-60G unprocessed chr22	15541436	15578006	+	0	0
ENSG0000(MTCO1P19 processed_ chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP4-680D5 antisense chr1	15586136	15603626	-	0.1	0
ENSG0000(OFD1P11Y unprocessed chrY	23771232	23798150	+	0	0
ENSG0000(HIGD1AP8 processed_ chr12	11481383	11481656	+	0	0
ENSG0000(HSPE1P22 processed_ chr9	92027498	92027824	+	0	0
ENSG0000(SRRM1P3 processed_ chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(AC009237. processed_ chr2	95496022	95496531	-	0	0
ENSG0000(MTND2P6 unprocessed chr7	57186412	57187441	+	0	0
ENSG0000(GS1-124K5 lincRNA chr7	66493706	66495474	+	2.24	2.98
ENSG0000(RP6-159A1 antisense chrX	65999751	66001071	+	0	0
ENSG0000(RP11-475C lincRNA chr6	1.53E+08	1.53E+08	-	0	0
ENSG0000(RPL12P39 processed_ chr18	64072158	64072653	+	0	0

ENSG0000(RP1-288L1.lincRNA chr22	34711908	34724919	-	0	0
ENSG0000(RP4-809F4.processed_chr1	1.74E+08	1.74E+08	-	0	0
ENSG0000(RP1-136J1!.processed_chrX	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC019064.lincRNA chr2	34998273	35000160	-	0	0
ENSG0000(RP11-374A.sense_intrchr6	1.24E+08	1.24E+08	+	0	0
ENSG0000(RPL7L1P10.processed_chr2	2.29E+08	2.29E+08	+	0	0
ENSG0000(AC009892.unprocesschr19	54652085	54652230	+	0	0
ENSG0000(RP11-439H.antisense chr1	74341579	74378802	-	0	0
ENSG0000(AP000563.processed_chr21	31452466	31453223	+	0	0
ENSG0000(AC113608.lincRNA chr2	15801747	15810877	-	0	0
ENSG0000(UPP2-IT1.sense_intrchr2	1.58E+08	1.58E+08	+	0	0
ENSG0000(RAI1-AS1.antisense chr17	17759154	17770821	-	0	0
ENSG0000(RP11-201C.processed_chr1	31036734	31037240	+	0	0
ENSG0000(RNF223.protein_cochr1	1070966	1074307	-	0	0
ENSG0000(XIAP-AS1.antisense chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-230L.antisense chr9	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-567C.antisense chr1	50174306	50175868	-	0	0
ENSG0000(FTCD-AS1.antisense chr21	46151614	46152647	+	0	0
ENSG0000(LINC01502.lincRNA chr9	1.36E+08	1.36E+08	+	0.03	0
ENSG0000(SYP-AS1.antisense chrX	49198966	49202454	+	0	0
ENSG0000(AL132796.lincRNA chr14	98844896	98845597	+	0	0
ENSG0000(RP11-763B.lincRNA chr1	1.44E+08	1.44E+08	-	0.65	0
ENSG0000(RP11-344N.processed_chrX	48279423	48281792	+	0	0
ENSG0000(RP3-448I9.lincRNA chr6	14391231	14393288	-	0	0
ENSG0000(AC004461.processed_chr22	19055801	19056512	+	0	0
ENSG0000(RP5-1065J!.processed_chr1	1.09E+08	1.09E+08	-	0	0
ENSG0000(CDC42P6.processed_chr4	22727375	22727950	-	0	0
ENSG0000(CTD-2522E.processed_chrX	47156638	47158199	-	0	0
ENSG0000(LINC01358.lincRNA chr1	58933643	59240555	+	1.67	1.3
ENSG0000(PATE4.protein_cochr11	1.26E+08	1.26E+08	+	0.03	0.06
ENSG0000(OR52S1P.unprocesschr11	5076130	5077066	-	0	0
ENSG0000(AL163953!.processed_chr14	53169054	53687258	+	0	0.14
ENSG0000(RP11-475I2.lincRNA chr9	42566679	42569353	-	0.65	0.31
ENSG0000(AC007064.processed_chr22	16876552	16876902	-	0	0
ENSG0000(RP11-509J!.lincRNA chr9	3647335	3648338	+	0	0
ENSG0000(CHCHD4P2.processed_chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(TUSC8.lincRNA chr13	44400250	44405984	-	0	0
ENSG0000(AP006288.unprocesschr11	64531044	64532970	+	0	0
ENSG0000(RP11-334N.antisense chr1	7008376	7014279	-	0	0
ENSG0000(AC010907.antisense chr2	3603397	3604242	-	0	0
ENSG0000(RP13-152C.antisense chr20	64056803	64057084	+	0	0
ENSG0000(UNQ6494.lincRNA chr9	89639814	89719759	+	0	0
ENSG0000(BRWD1-IT1.sense_ovei chr21	39217093	39219805	-	0	0
ENSG0000(AC005703.lincRNA chr17	15276562	15279477	-	0	0
ENSG0000(RP11-473N.lincRNA chr13	63746741	63751080	+	0	0

ENSG0000(CBX1P3	processed_ chr1	2.04E+08	2.04E+08	+	0	0
ENSG0000(HOXD-AS2	antisense_ chr2	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP3-455H1	processed_ chrX	93388075	93389497	-	0	0
ENSG0000(RPL21P121	processed_ chr17	18312760	18313533	+	0	0
ENSG0000(CNN2P11	processed_ chr2	94725674	94725935	-	0	0
ENSG0000(RP11-165J	antisense_ chr9	93430342	93431299	-	0	0
ENSG0000(CTA-407F1	antisense_ chr22	25580241	25581382	-	0	0
ENSG0000(OR4A47	protein_co chr11	48488717	48489780	+	0	0
ENSG0000(RP11-402L	lincRNA_ chr10	43630882	43631564	-	0	0
ENSG0000(RP11-1391J	lincRNA_ chr1	1.56E+08	1.56E+08	+	0	0
ENSG0000(LINC01384	lincRNA_ chr20	22587522	22607517	-	0	0
ENSG0000(HLA-DPA3	unprocessε chr6	33131216	33143325	-	0	0
ENSG0000(PITRM1-AS	antisense_ chr10	3141632	3167972	+	0.19	0.06
ENSG0000(AC006960.	antisense_ chr7	36463023	36504513	+	0	0
ENSG0000(LINC01304	lincRNA_ chr2	3957655	3974070	-	0	0
ENSG0000(CAMTA1-IT	sense_intrε chr1	7368942	7370270	+	0	0
ENSG0000(NDUFA9P1	processed_ chr22	35897270	35898404	-	0	0
ENSG0000(KB-1183D5	lincRNA_ chr22	21312920	21314904	+	0	0
ENSG0000(ART2BP	unitary_psε chr11	72478221	72479237	+	0	0
ENSG0000(RP11-226L	processed_ chr1	1.6E+08	1.6E+08	+	0.19	0
ENSG0000(AP001092.	antisense_ chr11	64646399	64659681	+	0	0
ENSG0000(PRSS56	protein_co chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(MGC27382	processed_ chr1	78229599	78369464	+	0.08	0.06
ENSG0000(RP11-321L	lincRNA_ chr9	23894990	23898054	-	0.23	0.2
ENSG0000(NRBF2P3	processed_ chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000(XRCC6P1	processed_ chr10	93206857	93209627	-	0	0
ENSG0000(AC069257.	processed_ chr3	1.96E+08	1.96E+08	-	0	5.27
ENSG0000(RP11-885N	lincRNA_ chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-305L	lincRNA_ chr9	91119138	91163087	-	0	0
ENSG0000(LINC01522	lincRNA_ chr20	47980488	47988744	-	0	0
ENSG0000(FOXD2-AS1	antisense_ chr1	47432133	47434641	-	0.87	1.15
ENSG0000(RPSAP2	processed_ chr6	28732017	28732904	+	0	0
ENSG0000(ZIK1P1	processed_ chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(TOMM22P	processed_ chrY	21130870	21131181	+	0	0
ENSG0000(ASH2LP2	processed_ chr22	22366210	22367770	+	0	0
ENSG0000(RP1-159A1	antisense_ chr1	27525805	27530561	+	0	0
ENSG0000(RPS7P12	processed_ chrX	1.35E+08	1.35E+08	+	0.12	0
ENSG0000(RPSAP11	processed_ chr3	32190747	32191627	+	0.14	0.08
ENSG0000(RP11-15P1	processed_ chr9	20331446	20332277	+	0	0
ENSG0000(RP11-147C	lincRNA_ chr1	95937901	96022880	+	0	0
ENSG0000(RP11-312B	antisense_ chr1	6783892	6784843	-	0	0
ENSG0000(ASS1P12	processed_ chr9	32945996	32947222	+	0	0
ENSG0000(CECR7	transcribec chr22	17036570	17060825	+	0.77	0.88
ENSG0000(RP1-127L4	transcribec chr22	32129689	32130612	+	0	0
ENSG0000(ZNF737	protein_co chr19	20535825	20565809	-	2.52	1.56

ENSG0000(RGL2	protein_co	chr6	33291654	33299324	-	23.63	21.58
ENSG0000(HNRNPA1P	transcribed	chr2	41143780	41157555	+	0	0
ENSG0000(OR13D2P	unprocessed	chr9	1.05E+08	1.05E+08	+	0	0
ENSG0000(AP001342.	processed_	chr21	25031005	25031529	-	0	0
ENSG0000(CTA-520D8	lincRNA	chr1	13657311	13659910	-	0	0
ENSG0000(RHEBP3	processed_	chr22	18019214	18020200	+	0	0
ENSG0000(CDC27P2	processed_	chrY	10190377	10192298	-	0	0
ENSG0000(TAAR4P	unitary_ps	chr6	1.33E+08	1.33E+08	-	0	0
ENSG0000(RPL23AP71	processed_	chr14	34485979	34486447	+	0	0
ENSG0000(CDK2AP2P	processed_	chr9	62844818	62845184	+	0	0
ENSG0000(BHMG1	protein_co	chr19	45733251	45764534	+	0	0
ENSG0000(RP11-67L3.	antisense	chr1	54792885	54794905	+	0	0
ENSG0000(RP11-154D	processed_	chr3	62124204	62124608	-	0	0
ENSG0000(LINC01351	lincRNA	chr1	1.9E+08	1.9E+08	+	0	0
ENSG0000(TUBB4BP3	processed_	chrX	1.18E+08	1.18E+08	+	0	0
ENSG0000(LINC01661	lincRNA	chr1	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-554F	lincRNA	chr9	99585786	99819889	-	0	0
ENSG0000(RP11-280C	antisense	chr1	1.65E+08	1.66E+08	-	0.03	0.18
ENSG0000(RP3-461P1	antisense	chr20	45487613	45490248	+	0	0
ENSG0000(MTCO3P41	unprocessed	chr7	67628022	67628349	+	0	0
ENSG0000(USP9YP35	unprocessed	chrY	24077799	24079812	+	0	0
ENSG0000(RP11-715G	lincRNA	chr6	1.47E+08	1.47E+08	-	0	0
ENSG0000(TUBB8P10	unprocessed	chr1	2.27E+08	2.27E+08	-	0	0
ENSG0000(DCLRE1CP1	unprocessed	chr10	15015370	15021863	-	0	0
ENSG0000(AC073115.	lincRNA	chr7	45969657	45980191	+	0	0
ENSG0000(AP000361.	processed_	chr22	22988263	22988581	+	0	0
ENSG0000(RP11-324C	lincRNA	chr3	1.73E+08	1.73E+08	+	0	0
ENSG0000(RPL7P53	processed_	chrX	73535503	73536241	+	0	0
ENSG0000(LINC01637	lincRNA	chr22	20957092	20964679	+	0.29	0.54
ENSG0000(AC093911.	lincRNA	chr2	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP5-926E3	processed_	chr1	49691262	49691523	-	0	0
ENSG0000(AC007557.	antisense	chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(RP5-947P1	lincRNA	chr1	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP4-803J1:	antisense	chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(RPS27AP8	processed_	chr3	1.72E+08	1.72E+08	-	0	0
ENSG0000(LINC01684	lincRNA	chr21	24428740	24547942	+	0.23	0.13
ENSG0000(VN1R48P	processed_	chr9	38504447	38505482	-	0	0
ENSG0000(LINC00959	protein_co	chr10	1.3E+08	1.3E+08	-	0.75	1.11
ENSG0000(RPS27AP17	processed_	chrX	6989329	6989783	+	0	0
ENSG0000(RP11-206L	lincRNA	chr1	778770	810060	+	2.42	2.56
ENSG0000(OR2L9P	unprocessed	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RP11-603J:	processed_	chr12	55980432	55981035	-	0.15	0
ENSG0000(RP11-753B	lincRNA	chr6	1.42E+08	1.42E+08	-	0	0
ENSG0000(AC010105.	lincRNA	chr2	82479128	82538711	-	0	0
ENSG0000(RP11-356I:	antisense	chr6	1.38E+08	1.38E+08	-	0.96	0.54

ENSG0000(RP11-526P lincRNA chr10	2499721	2500570	+	0	0
ENSG0000(RP11-816B processed_chr3	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP5-998N2 processed_chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(PKN2-AS1 antisense chr1	88537513	88685204	-	0.02	0
ENSG0000(RPSAP15 processed_chrX	87703343	87704203	-	0	0
ENSG0000(GPAT2P1 transcribed chr2	95789654	95800166	+	0	0
ENSG0000(UNC5B-AS1 antisense chr10	71217224	71218228	-	1.02	1.26
ENSG0000(RP11-325F lincRNA chr7	1.05E+08	1.05E+08	+	0.1	0.11
ENSG0000(PTP4A1P7 processed_chr1	1.77E+08	1.77E+08	-	0	0
ENSG0000(SHISA9 protein_co chr16	12901620	13240413	+	0.6	0.71
ENSG0000(DGCR5 transcribed chr22	18970514	18994628	+	0.03	0.01
ENSG0000(RP11-443B lincRNA chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(OR7E24 protein_co chr19	9250930	9252479	+	0	0
ENSG0000(NONOP2 processed_chr2	60936819	60938049	-	0.14	0.32
ENSG0000(LINC00857 lincRNA chr10	80207710	80219657	+	3.13	3.56
ENSG0000(AC114783. protein_co chr2	1.27E+08	1.27E+08	+	0	0
ENSG0000(AC012668. lincRNA chr2	2.16E+08	2.16E+08	+	0.03	0
ENSG0000(AF241725. lincRNA chr21	21655038	21686329	-	0	0
ENSG0000(RP11-234P processed_chrX	51923552	51923740	+	0	0
ENSG0000(RP11-439K antisense chr9	83276376	83279499	+	0	0
ENSG0000(RP3-449H6 lincRNA chr6	44525259	44526754	+	0	0
ENSG0000(RP11-309M lincRNA chrX	990221	994365	+	0	0
ENSG0000(RP11-309M lincRNA chrY	990221	994365	+	0	0
ENSG0000(AC012451. lincRNA chr2	1.29E+08	1.29E+08	-	0	0
ENSG0000(LINC00383 lincRNA chr13	69222346	69292154	+	0	0
ENSG0000(GS1-594A7 processed_chrX	15646167	15646875	-	0	0
ENSG0000(RPL36AP36 processed_chr10	13159477	13159777	-	0	0
ENSG0000(HLA-DQA2 protein_co chr6	32741342	32747215	+	0	0
ENSG0000(MTCO3P17 unprocessed chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(XKRYP6 unprocessed chrY	25943268	25954152	+	0	0
ENSG0000(IGHJ2P IG_J_pseud chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(TTLL11-IT1 lincRNA chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(AC092570. processed_chr2	1.02E+08	1.02E+08	-	0	0
ENSG0000(RPL9P9 transcribed chr15	82372196	82372912	-	851.66	897.22
ENSG0000(AC096775. processed_chr7	96283357	96283804	+	0	0
ENSG0000(RP11-415A lincRNA chr1	76758124	76779267	-	0	0
ENSG0000(RP11-140C processed_chr9	5193339	5193558	-	0	0
ENSG0000(RP5-862K6 processed_chr20	43388642	43389041	-	0	0
ENSG0000(KCND3-AS1 antisense chr1	1.12E+08	1.12E+08	+	0	0
ENSG0000(YWHABP1 processed_chr9	38643042	38643768	+	0	0
ENSG0000(CDY7P unprocessed chrY	17951589	17953500	+	0	0
ENSG0000(LINC01497 lincRNA chr17	69961707	69983538	+	0	0
ENSG0000(TTTY21B lincRNA chrY	6443434	6447077	+	0	0
ENSG0000(AC090955. processed_chr3	5099627	5099861	+	0	0
ENSG0000(RP3-359N1 lincRNA chr6	1.06E+08	1.06E+08	-	0	0

ENSG0000(RP4-620F2 antisense chr1	89260582	89269754	+	0	0
ENSG0000(TUBAP processed_chr21	23407658	23409128	-	0	0
ENSG0000(AC073284.lincRNA chr2	2.15E+08	2.15E+08	+	0	0
ENSG0000(RP11-373D unprocessε chr7	63209219	63211822	+	0	0
ENSG0000(LINC01856 lincRNA chr2	1.3E+08	1.3E+08	+	0	0.03
ENSG0000(PYY2 transcribec chr17	28226563	28228065	+	0.28	0.12
ENSG0000(LINC01888 antisense chr2	68832044	68837724	+	0	0
ENSG0000(LINC01514 lincRNA chr10	1.01E+08	1.01E+08	+	0	0
ENSG0000(GCSHP3 processed_chr2	2.06E+08	2.06E+08	-	0.72	0
ENSG0000(AC005538.antisense chr2	2.34E+08	2.34E+08	-	0	0
ENSG0000(AC093166.processed_chr2	1.12E+08	1.12E+08	+	0	0
ENSG0000(RAC1P4 processed_chrX	1.37E+08	1.37E+08	-	0	0
ENSG0000(LINC00407 lincRNA chr13	44651812	44701016	+	0.37	0
ENSG0000(RP11-383J;processed_chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-66D1 lincRNA chr1	1.57E+08	1.57E+08	-	0.22	0.2
ENSG0000(HMGN1P3;processed_chr19	53767971	53768553	-	0	0
ENSG0000(RP11-20J1;lincRNA chr10	44259602	44261813	-	0.08	0
ENSG0000(IGKV1OR1(IG_V_pseu chr10	42185339	42185791	+	0	0
ENSG0000(RP11-317B processed_chr6	1.54E+08	1.54E+08	+	0	0
ENSG0000(AP000251.antisense chr21	31559245	31560487	+	0	0
ENSG0000(RP11-112L;lincRNA chr20	50162765	50166102	-	0.74	1.18
ENSG0000(RP13-143G antisense chr6	1.36E+08	1.36E+08	-	0.44	0.08
ENSG0000(AP000358.processed_chr22	24703348	24703503	+	0	0
ENSG0000(HMGB3P1;processed_chr3	26216322	26216877	+	0	0
ENSG0000(AP001056.lincRNA chr21	44175489	44176453	+	0	0
ENSG0000(RP11-343H antisense chr1	2.07E+08	2.07E+08	-	0	0
ENSG0000(RP11-203P processed_chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(AF064858.lincRNA chr21	39028536	39029128	-	0.38	0
ENSG0000(OR4C50P unprocessε chr11	54591480	54592409	+	0	0
ENSG0000(Metazoa_S misc_RNA chr5	7239781	7240018	+	0.81	1.49
ENSG0000(AP002856.lincRNA chr11	1.31E+08	1.31E+08	+	0	0
ENSG0000(FAM138A lincRNA chr1	34554	36081	-	0	0
ENSG0000(AC073257.lincRNA chr2	1.21E+08	1.21E+08	-	0	0
ENSG0000(USP9YP32 unprocessε chrY	17995201	17997252	-	0	0
ENSG0000(AC013410.processed_chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(BTBD7P2 processed_chr10	1.11E+08	1.11E+08	+	0	0
ENSG0000(OR3B1P unprocessε chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(GCNT1P5 processed_chr7	77461458	77462139	+	0	0
ENSG0000(OR9A1P transcribec chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(ELOCP18 processed_chr1	68375327	68375663	-	0	0
ENSG0000(RP11-571E processed_chrX	47273366	47274390	-	0	0
ENSG0000(OXCT2P1 unprocessε chr1	39514956	39516490	+	0.61	0.62
ENSG0000(RP11-406A lincRNA chr9	89978282	89987486	+	0	0
ENSG0000(MTCO2P1;processed_chrX	1.03E+08	1.03E+08	+	0	0
ENSG0000(UQCRHP2 processed_chr2	25994794	25995081	+	0	0

ENSG00000101711	NIFKP9	processed	chr2	1.27E+08	1.27E+08	+	0	0
ENSG00000101712	RP11-72B4	processed	chr9	95918136	95918704	+	0	0
ENSG00000101713	S100A11P1	processed	chr7	1.03E+08	1.03E+08	+	0	0
ENSG00000101714	AC104623	antisense	chr2	16523176	16529387	+	0	0
ENSG00000101715	DUX4L29	unprocessed	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000101716	ANKRD26P	unprocessed	chr13	19290593	19344825	-	0	0
ENSG00000101717	FRY-AS1	antisense	chr13	32025314	32031639	-	0	0.06
ENSG00000101718	AC007386	lincRNA	chr2	64901840	64905137	-	0	0
ENSG00000101719	RP11-368M	unprocessed	chr7	57650521	57650854	+	0	0
ENSG00000101720	RP4-604G5	antisense	chr7	99929392	99948620	+	0	0
ENSG00000101721	RP11-690I2	processed	chr2	2.32E+08	2.32E+08	-	0	0
ENSG00000101722	HMGB3P5	processed	chr10	1.1E+08	1.1E+08	+	0	0
ENSG00000101723	RP11-462G	lincRNA	chr6	70394887	70399417	+	0	0
ENSG00000101724	RP11-521A	processed	chr3	1.74E+08	1.74E+08	+	0	0
ENSG00000101725	H LCS-IT1	sense_intr	chr21	36803984	36806284	-	0	0
ENSG00000101726	KIFC1	protein_co	chr6	33391536	33409924	+	0.52	0.86
ENSG00000101727	OR11Q1P	processed	chrX	1.31E+08	1.31E+08	+	0	0
ENSG00000101728	C2orf74	protein_co	chr2	61145068	61164829	+	9.57	10.93
ENSG00000101729	RP11-655G	processed	chr3	1.92E+08	1.92E+08	-	0	0
ENSG00000101730	AP003025	antisense	chr11	1.32E+08	1.32E+08	-	0	0
ENSG00000101731	AC073834	antisense	chr2	1.78E+08	1.78E+08	+	0	0
ENSG00000101732	RNASEH2C	processed	chrY	2789827	2790328	+	0	0
ENSG00000101733	RP11-169L	processed	chrX	40831844	40832562	-	0	0.1
ENSG00000101734	SOCS2P1	processed	chr20	33187391	33188292	+	0	0
ENSG00000101735	DNAJC19P1	processed	chr1	52252062	52252773	-	0	0
ENSG00000101736	LINC00316	lincRNA	chr21	45338590	45341990	-	0	0
ENSG00000101737	GRM7-AS2	antisense	chr3	6892632	6894022	-	0	0
ENSG00000101738	AC108868	unprocessed	chr2	1.06E+08	1.06E+08	-	0	0
ENSG00000101739	LINC01115	lincRNA	chr2	779840	868426	-	0	0
ENSG00000101740	RPS15AP38	processed	chr22	36421273	36421644	-	0	0
ENSG00000101741	HCG4P3	unprocessed	chr6	30006121	30007116	-	0.55	0.27
ENSG00000101742	LINC01866	lincRNA	chr2	16970034	16974497	+	0	0
ENSG00000101743	GAGE12C	protein_co	chrX	49532211	49539538	+	0	0
ENSG00000101744	KRR1P1	processed	chr13	20070250	20072136	-	0	0
ENSG00000101745	GSTA7P	unprocessed	chr6	52739590	52744656	-	0	0
ENSG00000101746	TEX36-AS1	antisense	chr10	1.26E+08	1.26E+08	+	0	0
ENSG00000101747	RPL30P4	processed	chr3	32635222	32635554	-	0	0
ENSG00000101748	VDAC1P11	processed	chr9	94287699	94288550	-	0	0
ENSG00000101749	RP3-514P1	processed	chrX	1.02E+08	1.02E+08	-	0	0
ENSG00000101750	RPSAP35	processed	chr4	1.17E+08	1.17E+08	+	0	0
ENSG00000101751	RP11-360C	antisense	chr6	10511036	10514546	-	0	0
ENSG00000101752	RP5-1120P	antisense	chr6	43995723	44074652	-	0.41	0.28
ENSG00000101753	LINC00686	lincRNA	chr20	62695024	62700480	-	0	0
ENSG00000101754	AC007064	lincRNA	chr22	16869478	16871126	+	0	0
ENSG00000101755	IFNWP2	unprocessed	chr9	21420234	21420813	+	0	0

ENSG00000171800	IRGM	protein_coding	chr5	1.51E+08	1.51E+08	+	0	0
ENSG00000171801	RP11-199F11.1	lincRNA	chr13	1.14E+08	1.14E+08	+	0	0
ENSG00000171802	PRAMEF33	protein_coding	chr1	13303539	13308907	+	0	0
ENSG00000171803	ATP5JP1	processed_transcript	chrY	6900753	6901372	+	0	0
ENSG00000171804	TRBV3-1	TR_V_gene	chr7	1.42E+08	1.42E+08	+	0	0
ENSG00000171805	AP004289.1	processed_transcript	chr8	99340305	99341761	-	0	0
ENSG00000171806	AC008937.1	antisense	chr5	56842016	56862164	-	0	0
ENSG00000171807	TRIM51EP	unprocessed_transcript	chr11	89981441	89989559	-	0	0
ENSG00000171808	RP5-1018K11.1	antisense	chr1	1.69E+08	1.69E+08	+	0	0
ENSG00000171809	RP11-445C11.1	processed_transcript	chrX	57068914	57069685	-	0	0
ENSG00000171810	EEF1A1P28	processed_transcript	chr7	88639014	88640416	+	0.03	0
ENSG00000171811	MTCO3P11	unprocessed_transcript	chr9	5100236	5101009	+	0	0
ENSG00000171812	AC006000.1	lincRNA	chr7	13339201	13365049	-	0	0
ENSG00000171813	P4HA2-AS1	antisense	chr5	1.32E+08	1.32E+08	+	0.08	0
ENSG00000171814	RP3-400B1	lincRNA	chr6	4186624	4188109	-	0	0
ENSG00000171815	RP11-402P11.1	processed_transcript	chrX	71744828	71745077	+	0	0
ENSG00000171816	AC009095.1	antisense	chr16	67614381	67616146	-	0	0
ENSG00000171817	RP1-179N1	processed_transcript	chr6	36091991	36092646	-	0	0
ENSG00000171818	AC011995.1	lincRNA	chr2	2834264	2838391	-	0	0
ENSG00000171819	AF064858.1	lincRNA	chr21	39006648	39011329	-	0	0
ENSG00000171820	MTND1P29	unprocessed_transcript	chr2	1.3E+08	1.3E+08	+	0	0
ENSG00000171821	RP3-453P2	antisense	chr1	7382487	7389754	-	0	0
ENSG00000171822	AC002075.1	processed_transcript	chr7	93669826	93670077	-	0	0
ENSG00000171823	RP11-459A11.1	processed_transcript	chrX	6422092	6422701	-	0	0
ENSG00000171824	RNGTTP1	processed_transcript	chr21	25643489	25644216	+	0	0
ENSG00000171825	AC010980.1	transcribed_unit	chr2	2.22E+08	2.22E+08	+	0	0.36
ENSG00000171826	RP11-298E11.1	antisense	chr9	27391734	27397563	+	0	0
ENSG00000171827	AP000473.1	lincRNA	chr21	16754519	16815688	-	0	0
ENSG00000171828	DCTN1-AS1	antisense	chr2	74385486	74393882	+	0.42	0.05
ENSG00000171829	RNF216-IT1	sense_intronic	chr7	5662432	5680461	-	0	0
ENSG00000171830	NPAP1P3	processed_transcript	chr10	87376896	87378481	+	0	0
ENSG00000171831	AC002368.1	antisense	chrX	1.48E+08	1.49E+08	-	0	0
ENSG00000171832	RP11-624M11.1	antisense	chr6	1.26E+08	1.26E+08	-	0.14	0
ENSG00000171833	FBP2P1	transcribed_unit	chr9	87810642	87837225	-	0	0
ENSG00000171834	AC009963.1	processed_transcript	chr2	1.08E+08	1.08E+08	+	0	0
ENSG00000171835	ZNF101P1	processed_transcript	chr10	28338554	28340942	-	0	0
ENSG00000171836	RP11-65B2	processed_transcript	chr9	87741233	87741953	+	0	0
ENSG00000171837	UQCRBP1	processed_transcript	chrX	56737242	56737577	-	0	0
ENSG00000171838	RP3-423B2	processed_transcript	chr1	37556247	37556499	+	0	0.58
ENSG00000171839	AC007740.1	antisense	chr2	1.63E+08	1.63E+08	+	0	0
ENSG00000171840	LINC01143	lincRNA	chr2	70887871	70889959	+	0	0
ENSG00000171841	RP13-75G2	processed_transcript	chrX	97906644	97908090	+	0	0
ENSG00000171842	AC079922.1	lincRNA	chr2	1.13E+08	1.13E+08	-	1.57	1.33
ENSG00000171843	RP11-521C11.1	processed_transcript	chr7	68241637	68242267	+	0.22	0
ENSG00000171844	RP11-77M1	lincRNA	chr1	1.63E+08	1.63E+08	+	0	0

ENSG0000(EEF1A1P3C processed_ chrX	1.2E+08	1.2E+08 -	0	0
ENSG0000(BANF1P3 processed_ chr2	2.31E+08	2.31E+08 -	0	0
ENSG0000(RP11-278H lincRNA chr1	2.44E+08	2.44E+08 +	0	0
ENSG0000(AC092657. lincRNA chr7	46302120	46343621 +	0	0
ENSG0000(RP11-127C lincRNA chr10	1.05E+08	1.05E+08 +	0	0
ENSG0000(AMY1A protein_co chr1	1.04E+08	1.04E+08 +	0	0
ENSG0000(RP11-3B12 lincRNA chr7	1.25E+08	1.25E+08 +	0	0.17
ENSG0000(FAM200B protein_co chr4	15681662	15705565 +	21.82	26.92
ENSG0000(GGTA2P processed_ chr12	67265842	67266966 -	0	0
ENSG0000(LINC01370 lincRNA chr20	40004477	40008529 +	0	0
ENSG0000(RP11-344N antisense chr10	73071295	73074008 +	0	0
ENSG0000(SPATA31D: unprocessε chr9	81966564	81972130 +	0	0
ENSG0000(AC092620. lincRNA chr2	1.39E+08	1.39E+08 +	0	0
ENSG0000(AC003075. antisense chr7	17279834	17299357 -	0.54	0.44
ENSG0000(RP11-129B processed_ chr12	95125760	95126389 +	0	0
ENSG0000(DDR1-AS1 antisense chr6	30866982	30875918 -	0.07	0.03
ENSG0000(RP11-54A4 antisense chr1	1.51E+08	1.51E+08 -	0.1	0.22
ENSG0000(RP1-192P9 processed_ chrX	45381527	45381995 -	0	0
ENSG0000(RP11-306I1 processed_ chr1	1.66E+08	1.66E+08 +	0	0
ENSG0000(AC097713. processed_ chr2	2.34E+08	2.34E+08 +	0	0
ENSG0000(GFOD1-AS: antisense chr6	13486294	13486852 +	0	0
ENSG0000(C3orf79 lincRNA chr3	1.53E+08	1.54E+08 +	0	0
ENSG0000(RP5-1041C processed_ chr20	49829125	49831085 +	0	0
ENSG0000(LINC01318 lincRNA chr2	34067226	34069550 +	0	0
ENSG0000(RPL18AP1ε processed_ chrX	1.54E+08	1.54E+08 +	0	0
ENSG0000(RP11-472N lincRNA chr10	31693084	31707388 -	0	0
ENSG0000(AC010894. antisense chr2	1.75E+08	1.75E+08 +	0	0
ENSG0000(CICP11 processed_ chr7	55736779	55739605 +	0	0
ENSG0000(AMD1P2 processed_ chrX	1.56E+08	1.56E+08 -	0	0
ENSG0000(AMD1P2 processed_ chrY	57015105	57016096 -	0	0
ENSG0000(FAM197Y6 transcribed chrY	9388122	9397438 -	0	0
ENSG0000(LINC00211 lincRNA chr2	37826247	37876274 -	0	0
ENSG0000(HNRNPA1F processed_ chr2	1.74E+08	1.74E+08 -	0	0
ENSG0000(FAUP2 processed_ chr3	1.81E+08	1.81E+08 -	0	0
ENSG0000(RP11-400K lincRNA chr8	53515171	53523931 -	0.69	0.43
ENSG0000(CTD-2571E processed_ chr8	62143311	62144769 -	0	0
ENSG0000(AC002066. antisense chr7	1.16E+08	1.16E+08 -	0.09	0
ENSG0000(RPL21P109 processed_ chr13	71704181	71704655 +	0	0
ENSG0000(RPS3AP29 processed_ chr7	97898347	97899115 -	0	0
ENSG0000(AC002454. antisense chr7	92836483	92917187 +	0	0.23
ENSG0000(AC083873. processed_ chr7	1.33E+08	1.33E+08 -	0	0.13
ENSG0000(CDY19P unprocessε chrY	25564122	25566033 -	0	0
ENSG0000(RPL23AP33 processed_ chr2	1.85E+08	1.85E+08 -	0	0
ENSG0000(RPS15AP2ε processed_ chr10	1.03E+08	1.03E+08 -	0	0
ENSG0000(PA2G4P1 processed_ chrX	1.21E+08	1.21E+08 -	0	0

ENSG0000(RP5-974N1 antisense chr20	14933843	14935363	-	0	0
ENSG0000(RP11-432N processed_chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(AC007064. processed_chr22	16855804	16856162	+	0	0
ENSG0000(PHKA2-AS1 antisense chrX	18890296	18894497	+	0	0
ENSG0000(AC159540. lincRNA chr2	97301729	97304151	+	0	0
ENSG0000(AC133680. lincRNA chr3	24687919	25174305	+	0	0
ENSG0000(FAM21FP transcribed chr10	45706431	45727231	-	0.78	1.29
ENSG0000(KRTAP19-9 unprocessed chr21	30510307	30510497	-	0	0
ENSG0000(RP11-110J processed_chr1	1.57E+08	1.57E+08	-	0	0
ENSG0000(AC016903. lincRNA chr2	2.04E+08	2.05E+08	+	0	0
ENSG0000(AC092684. lincRNA chr2	1.64E+08	1.64E+08	-	0	0
ENSG0000(RP5-940F7 lincRNA chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(RP11-216N processed_chr9	40105822	40106527	+	0	0.1
ENSG0000(FAM231A protein_coding chr1	16673003	16673512	+	0	0
ENSG0000(RP11-739N processed_chr1	2.04E+08	2.04E+08	+	0	0
ENSG0000(NFYAP1 processed_chr13	63975451	63976422	-	0.06	0
ENSG0000(RP11-483E transcribed chr15	28349051	28358080	-	0	0
ENSG0000(RP1-67K17 lincRNA chr6	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP4-630A1 sense_intronic chr1	65486406	65494188	+	0	0
ENSG0000(NFIA-AS1 processed_chr1	61248945	61253510	-	0	0
ENSG0000(LINC00674 transcribed chr17	68101908	68115518	+	3.06	3.37
ENSG0000(AC062020. lincRNA chr2	1.23E+08	1.23E+08	+	0	0
ENSG0000(EEF1A1P31 unprocessed chrX	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-232D unprocessed chrX	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-332L processed_chr1	1.97E+08	1.97E+08	+	0	0
ENSG0000(RP1-63G5. sense_intronic chr22	37352190	37354839	-	0	0
ENSG0000(RP6-24A23 antisense chrX	1.09E+08	1.09E+08	+	0	0
ENSG0000(LINC00322 lincRNA chr21	43322417	43332039	-	0	0
ENSG0000(AC097533. processed_chr4	1.22E+08	1.22E+08	-	0	0
ENSG0000(AC073130. processed_chr7	1.16E+08	1.16E+08	-	0	0.06
ENSG0000(POU5F1P4 processed_chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-156J processed_chrX	93042490	93042942	+	0	0
ENSG0000(RP3-393K1 lincRNA chr6	83728055	83736525	+	0	0
ENSG0000(RP5-1174J processed_chrX	41790192	41790250	-	0	0
ENSG0000(AKR1B1P4 processed_chr13	45687548	45688469	-	0	0
ENSG0000(LINC01473 lincRNA chr2	1.86E+08	1.86E+08	-	0.06	0.43
ENSG0000(LINC00398 lincRNA chr13	30803206	30810645	+	0.27	0.23
ENSG0000(LINC01885 lincRNA chr2	1.07E+08	1.08E+08	-	0	0
ENSG0000(PPIAP13 processed_chr10	75089248	75089725	-	0	0
ENSG0000(DGUOK-AS antisense chr2	73947642	73981441	-	0.58	0.84
ENSG0000(RP11-208C processed_chr10	95031640	95032048	+	0	0
ENSG0000(NALT1 antisense chr9	1.37E+08	1.37E+08	+	1.6	1.89
ENSG0000(RPL23AP32 processed_chr2	54529343	54529801	+	0	0
ENSG0000(AC087650. processed_chr17	43476198	43476665	+	0	0
ENSG0000(RP11-417D processed_chrX	1.22E+08	1.22E+08	-	0	0

ENSG0000(KLF7-IT1 sense_intron)	chr2	2.07E+08	2.07E+08	-	0.31	0.57
ENSG0000(AC005008.lincRNA)	chr7	81175508	81199115	+	0	0
ENSG0000(RP11-90H3 processed)	chr1	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP4-739H1 lincRNA)	chr1	40669089	40687588	-	0	0
ENSG0000(AC009161.processed)	chr16	62357371	62357746	+	0	0
ENSG0000(TSPY21P unprocessed)	chrY	22400403	22402568	-	0	0
ENSG0000(RP3-404F1 sense_intron)	chrX	1.19E+08	1.19E+08	+	0	0.21
ENSG0000(RP11-460E processed)	chr9	65798726	65799124	+	0	0
ENSG0000(MUPP transcribed)	chr9	1.13E+08	1.13E+08	-	0	0
ENSG0000(MTCO1P18 unprocessed)	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(SRP68P3 unprocessed)	chr17	20415792	20416697	-	0	0
ENSG0000(FTLP19 processed)	chr10	16071416	16071809	-	0	0
ENSG0000(SIRPG-AS1 antisense)	chr20	1633508	1648472	+	0	0.02
ENSG0000(RP11-537E processed)	chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(PARP4P1 unprocessed)	chrY	26594851	26634652	-	0	0
ENSG0000(RP11-181B antisense)	chr1	70013982	70031222	-	0	0
ENSG0000(RP11-350G unprocessed)	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(AC004543.lincRNA)	chr7	19813685	19818090	-	0	0
ENSG0000(RP11-478H processed)	chr1	2.36E+08	2.36E+08	-	0	0
ENSG0000(XXbac-BPG lincRNA)	chr6	30839526	30848159	-	0.16	0
ENSG0000(RPL21P112 processed)	chr13	94760553	94761015	-	0	0
ENSG0000(RP13-346H unprocessed)	chrX	51162864	51163677	+	0	0
ENSG0000(RP3-393E1 lincRNA)	chr6	1.6E+08	1.6E+08	-	0.31	0.18
ENSG0000(NFIA-AS2 antisense)	chr1	60940239	60970776	-	0.08	0.1
ENSG0000(RPL31P3 processed)	chr20	31311303	31311962	-	0	0
ENSG0000(AC007563.processed)	chr2	2.17E+08	2.17E+08	-	0	0
ENSG0000(CLIC4P3 processed)	chrX	41076999	41077750	+	0	0
ENSG0000(RP11-467D antisense)	chr1	29223933	29224816	+	0	0
ENSG0000(RP11-224P processed)	chr10	29891032	29891467	-	0	0
ENSG0000(AP000770.lincRNA)	chr11	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-288I2 antisense)	chr1	15720312	15736896	-	0	0
ENSG0000(AC097523.processed)	chr2	1.38E+08	1.38E+08	+	0.1	0
ENSG0000(LINC01238 lincRNA)	chr2	2.42E+08	2.42E+08	+	0.41	0.03
ENSG0000(KCNQ1DN antisense)	chr11	2870033	2872105	+	0	0
ENSG0000(PRKCQ-AS1 processed)	chr10	6580419	6616452	+	0	0.27
ENSG0000(LINC00649 antisense)	chr21	33915534	33977691	+	0.67	0.67
ENSG0000(RP11-570K lincRNA)	chr6	40713411	40715363	-	0	0
ENSG0000(MTATP6P2 processed)	chr22	36174261	36174822	+	0	0
ENSG0000(LINC00844 lincRNA)	chr10	58999626	59001543	+	0	0
ENSG0000(RP11-7011 antisense)	chr1	43944370	43946551	-	0.16	0.41
ENSG0000(PPIL1P1 processed)	chr2	26162056	26162554	+	0	0
ENSG0000(RPL7AP73 processed)	chr13	22803296	22803648	+	0	0
ENSG0000(AC013267.processed)	chr2	24968958	24969224	-	0	0
ENSG0000(RP11-1401 lincRNA)	chr1	95356229	95381000	-	0	0
ENSG0000(AC008746.processed)	chr19	54379489	54379960	+	0	0

ENSG00000181100	TRIAP1P1	processed	chr10	27378138	27378362	-	0	0
ENSG00000181101	CT47A5	protein_coding	chrX	1.21E+08	1.21E+08	-	0	0
ENSG00000181102	RPL36AP1	processed	chr1	88577880	88578201	+	0	0
ENSG00000181103	RP11-1281	processed	chr4	49238032	49245419	-	0	0
ENSG00000181104	RP11-151G	processed	chrX	65356890	65357547	-	0	0
ENSG00000181105	AC068042	processed	chr2	1.79E+08	1.79E+08	-	0.05	0
ENSG00000181106	AC007322	unprocessed	chrY	21940012	21941593	+	0	0
ENSG00000181107	TMEM161	processed	chr10	37337415	37338871	+	0	0
ENSG00000181108	RP11-231N	processed	chrX	65185018	65187265	-	0	0
ENSG00000181109	TUBG1P	processed	chr7	43918697	43920054	+	0	0.05
ENSG00000181110	MTCO1P12	unprocessed	chr1	631074	632616	+	11.91	11.8
ENSG00000181111	AC000111	processed	chr7	1.17E+08	1.17E+08	+	0	0
ENSG00000181112	FLG-AS1	antisense	chr1	1.52E+08	1.52E+08	+	0.07	0.4
ENSG00000181113	RP11-126K	antisense	chr1	1.51E+08	1.51E+08	+	0	0.12
ENSG00000181114	EIF4HP2	processed	chr22	30902219	30902781	+	0	0.14
ENSG00000181115	KCNMB2-A	antisense	chr3	1.79E+08	1.79E+08	-	0	0
ENSG00000181116	AC007389	processed	chr2	65500993	65502138	-	0	0
ENSG00000181117	RP11-338C	lincRNA	chr1	2.13E+08	2.13E+08	-	0	0
ENSG00000181118	RP11-815I2	processed	chr3	38270283	38270767	-	0	0
ENSG00000181119	PTENP1	transcribed	chr9	33673504	33677499	-	0.14	0.16
ENSG00000181120	CELF2-AS2	antisense	chr10	11071541	11105504	-	0	0
ENSG00000181121	RP11-503C	lincRNA	chr6	1.68E+08	1.68E+08	-	0	0
ENSG00000181122	OR2I1P	unprocessed	chr6	29553219	29554166	+	0	0
ENSG00000181123	LINC01679	lincRNA	chr21	43358147	43362349	-	0.04	0
ENSG00000181124	CNTN4-AS1	antisense	chr3	3039033	3069242	-	0	0
ENSG00000181125	RPL35P1	processed	chr1	2.37E+08	2.37E+08	+	0	0
ENSG00000181126	LINC01808	lincRNA	chr2	19475450	19488850	+	0	0
ENSG00000181127	RP11-159N	antisense	chr1	1.16E+08	1.16E+08	-	0	0
ENSG00000181128	RP1-146A1	sense_intronic	chrX	28942050	28942568	+	0	0
ENSG00000181129	RCC2P2	processed	chrY	19986575	19987852	-	0	0
ENSG00000181130	ACTG1P19	processed	chr9	1.01E+08	1.01E+08	+	0	0
ENSG00000181131	RP11-274E	processed	chr5	98213402	98214121	+	0	0
ENSG00000181132	SNRPCP1	processed	chr9	32676063	32676520	-	0	0
ENSG00000181133	NPAP1P6	processed	chr9	79863019	79866875	+	0	0
ENSG00000181134	RPL10P4	processed	chr1	2.02E+08	2.02E+08	+	0	0
ENSG00000181135	AC009227	lincRNA	chr2	1.54E+08	1.54E+08	+	0	0
ENSG00000181136	RP11-443B	lincRNA	chr1	2.35E+08	2.35E+08	-	0.32	0.7
ENSG00000181137	AC024619	sense_intronic	chr17	29012865	29016512	+	0	0
ENSG00000181138	COX6CP10	processed	chr3	33554636	33554859	+	0	0
ENSG00000181139	RP11-34P1	lincRNA	chr1	89295	133723	-	1.28	1.01
ENSG00000181140	RP11-123K	sense_intronic	chr9	1.27E+08	1.27E+08	+	0	0
ENSG00000181141	AC114752	lincRNA	chr2	64330486	64332131	-	0	0
ENSG00000181142	RP11-427P	processed	chr3	46798123	46798390	+	0	0
ENSG00000181143	RP4-641G1	processed	chr1	78666272	78666695	+	0	0
ENSG00000181144	AC093110	antisense	chr2	54661011	54680045	-	0	0

ENSG0000(RP11-732M antisense chr6	1.58E+08	1.58E+08	-	0	0
ENSG0000(HTR3E-AS1 antisense chr3	1.84E+08	1.84E+08	-	0	0
ENSG0000(ARMC4P1 transcribed chr10	27258762	27288824	+	0	0
ENSG0000(RP11-38C1 antisense chr1	1.65E+08	1.65E+08	+	0	0
ENSG0000(DDX39BP2 unprocessed chr6	29993209	29993605	+	0	0
ENSG0000(ZDHHC4P1 processed_ chr13	42933858	42934892	+	0	0
ENSG0000(RP11-78E6 processed_ chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(AC012493. processed_ chr2	1E+08	1E+08	+	0	0
ENSG0000(AC090505. lincRNA chr3	1.95E+08	1.95E+08	+	0	0
ENSG0000(RP11-38O2 processed_ chrX	48177731	48178023	-	0	0
ENSG0000(AC002480. lincRNA chr7	22649960	22665533	-	0	0
ENSG0000(RP5-1185K lincRNA chr20	21947647	21970783	+	0	0
ENSG0000(AC138035. lincRNA chr5	1.81E+08	1.81E+08	+	3.13	2.02
ENSG0000(OOSP1P1 processed_ chr1	44155028	44155301	-	0	0
ENSG0000(ATP6V0E1F processed_ chr2	33602041	33602286	+	0	0
ENSG0000(AF011889. lincRNA chrX	1.5E+08	1.5E+08	-	0.31	0.45
ENSG0000(SALL4P2 processed_ chrX	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-59K5 processed_ chr11	56690465	56690723	+	0	0
ENSG0000(RP11-815M lincRNA chr1	2.22E+08	2.22E+08	-	2.48	2.77
ENSG0000(RP11-699L lincRNA chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(AC009133. antisense chr16	29808636	29821252	-	2.68	3.68
ENSG0000(MTND5P22 processed_ chr2	1.25E+08	1.25E+08	-	0	0
ENSG0000(MTND1P3C processed_ chrX	55180377	55181277	-	0	0
ENSG0000(ART2P unprocessed_ chr11	72519986	72521733	+	0	0
ENSG0000(LLOXNC01- processed_ chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(ISCUP1 processed_ chr1	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-316I lincRNA chr1	1.89E+08	1.89E+08	-	0	0
ENSG0000(RP1-128O3 processed_ chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(ZEB2-AS1 antisense chr2	1.45E+08	1.45E+08	+	0.93	0.05
ENSG0000(RP11-432J antisense chr9	1.36E+08	1.36E+08	+	1	0.73
ENSG0000(HSPE1P21 processed_ chr6	1.34E+08	1.34E+08	-	0.34	0
ENSG0000(RP4-635A2 processed_ chr1	1.85E+08	1.85E+08	+	0	0
ENSG0000(SPATA3-AS lincRNA chr2	2.31E+08	2.31E+08	-	0	0
ENSG0000(LINC01685 lincRNA chr1	38474875	38496034	+	0	0
ENSG0000(AC010740. processed_ chr2	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP3-378P9 processed_ chrX	1.17E+08	1.17E+08	+	0	0
ENSG0000(XKRYP1 unprocessed_ chrY	18508577	18509068	+	0	0
ENSG0000(RPLPOP7 processed_ chr2	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP11-305M processed_ chr7	1.29E+08	1.29E+08	-	1.8	0
ENSG0000(RBMY2HP unprocessed_ chrY	7671743	7676024	-	0	0.1
ENSG0000(TSPY9P unprocessed_ chrY	9487313	9489893	+	0	0
ENSG0000(RPSAP32 processed_ chr3	617789	618314	-	0	0
ENSG0000(MRPL48P1 processed_ chr6	10459906	10460541	-	0	0
ENSG0000(NMNAT1P: processed_ chr3	1.9E+08	1.9E+08	+	0	0
ENSG0000(LINC01352 lincRNA chr1	2.21E+08	2.21E+08	+	0	0

ENSG0000(RP11-72I2. processed_ chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP4-620F2. processed_ chr1	89289676	89290337	-	0	0
ENSG0000(AC009948. processed_ chr2	1.78E+08	1.78E+08	+	0.09	0.2
ENSG0000(LRRC37A2. protein_co chr17	46511511	46555650	+	1.58	1.88
ENSG0000(RP3-469D2. processed_ chr1	25398721	25399198	+	0	0
ENSG0000(RP11-435F. processed_ chr1	2.41E+08	2.41E+08	-	0.27	0
ENSG0000(PPP1R26P1. processed_ chr13	48316863	48320475	-	0	0
ENSG0000(FMO8P. unprocessε chr1	1.67E+08	1.67E+08	+	0	0
ENSG0000(OFD1P7Y. unprocessε chrY	18848264	18867280	+	0	0
ENSG0000(AC006195. processed_ chr7	33379964	33380886	+	0	0
ENSG0000(CEACAMPε. unprocessε chr19	42781206	42786595	-	0	0
ENSG0000(AC009892. unprocessε chr19	54607870	54608376	+	0	0
ENSG0000(LINC02037. lincRNA chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(ABCA17P. transcribec chr16	2339150	2426699	+	0	0
ENSG0000(LINC01625. lincRNA chr6	1.39E+08	1.39E+08	-	0.2	0.15
ENSG0000(RP11-19D2. lincRNA chr20	7256580	7258214	-	0	0
ENSG0000(RPL9P7. processed_ chrX	23836742	23837321	-	0	0
ENSG0000(GOLGA2P5. transcribec chr12	1E+08	1E+08	-	0.33	0.39
ENSG0000(RP11-495P. lincRNA chr1	1.48E+08	1.48E+08	+	0	0.03
ENSG0000(RP11-463J. processed_ chr1	1.91E+08	1.91E+08	+	0	0
ENSG0000(AC004893. processed_ chr7	98998538	98999930	-	0	0.05
ENSG0000(RP11-350E. processed_ chr9	87944276	87945023	-	0	0
ENSG0000(AC066692. processed_ chr2	23900693	23901149	+	0	0
ENSG0000(LINC01410. lincRNA chr9	62801461	62813486	+	0.74	0.45
ENSG0000(RP3-347M. processed_ chrX	1.01E+08	1.01E+08	+	0	0
ENSG0000(AP004372. antisense chr11	1.32E+08	1.32E+08	-	0	0
ENSG0000(SLC25A24P. unprocessε chr1	1.08E+08	1.08E+08	-	0	0
ENSG0000(LINC01589. antisense chr22	45604432	45605621	-	0	0
ENSG0000(LINC00426. lincRNA chr13	30340270	30377145	-	0.19	0.59
ENSG0000(RP11-483I. lincRNA chr1	1.08E+08	1.08E+08	-	0	0
ENSG0000(MID1IP1-A. antisense chrX	38801568	38803883	-	0.7	0
ENSG0000(RP11-667F. lincRNA chr7	65463071	65463438	+	0	0
ENSG0000(SLC9A3P2. processed_ chr22	20652730	20654750	+	0	0
ENSG0000(RP3-410C9. lincRNA chr20	26188408	26196891	+	0	0
ENSG0000(RP11-806J. lincRNA chr7	53926676	53947744	-	0	0
ENSG0000(CASC4P1. processed_ chr13	19563589	19564900	-	0	0
ENSG0000(MAP3K20-ι. antisense chr2	1.73E+08	1.73E+08	-	0	0
ENSG0000(USP9YP10. unprocessε chrY	18826107	18829487	+	0	0
ENSG0000(ARPC3P2. processed_ chr1	2.11E+08	2.11E+08	+	0.14	0
ENSG0000(AC027124. processed_ chr3	13460294	13460398	-	0	0
ENSG0000(RP11-393N. processed_ chr1	67561073	67561446	+	0	0
ENSG0000(RP11-253A. antisense chr1	51461721	51463416	+	0	0
ENSG0000(BRWD1-AS. antisense chr21	39315707	39323218	+	0.1	0
ENSG0000(RP11-108M. lincRNA chr1	16888538	16889649	-	4.86	8.56
ENSG0000(RP11-70K1. processed_ chr9	1.01E+08	1.01E+08	-	0	0

ENSG0000(RP11-346M) processed_chr1	46891639	46892830	+	0	0
ENSG0000(AC104978) processed_chr11	28287235	28287625	-	0	0
ENSG0000(AC008753) processed_chr19	53775599	53775882	+	0.8	0
ENSG0000(MLLT10P1) processed_chr20	30403123	30403384	-	0	0
ENSG0000(OR7E140P) unprocessed_chr12	8414780	8415805	-	0	0
ENSG0000(CTA-714B7) processed_chr22	35164304	35165347	+	0	0
ENSG0000(USP9YP4) unprocessed_chrY	9189629	9204611	-	0	0
ENSG0000(RP11-415D) lincRNA_chr6	75454944	75458900	+	0	0
ENSG0000(RP11-420L) sense_overlchr6	3831933	3855737	+	0	0
ENSG0000(AC116366) antisense_chr5	1.32E+08	1.32E+08	-	0.08	0
ENSG0000(OR7E117P) unprocessed_chr11	3599595	3600706	-	0.05	0.06
ENSG0000(AC009237) processed_chr2	95485541	95485805	+	0	0
ENSG0000(RP3-395M) antisense_chr1	2549920	2557031	-	0.88	0.12
ENSG0000(AC007560) processed_chr2	50829442	50829678	-	0	0
ENSG0000(RP11-160C) transcribed_chr15	78752107	78753373	+	0	0
ENSG0000(RP11-686G) processed_chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(LINC01053) antisense_chr13	25181441	25189760	+	0	0
ENSG0000(AC068196) lincRNA_chr2	1.81E+08	1.81E+08	-	0	0
ENSG0000(RPS2P35) processed_chr9	1E+08	1E+08	-	0	0
ENSG0000(RPL39P6) processed_chr1	11232963	11233112	+	0	0
ENSG0000(RP11-322L) lincRNA_chr10	36940109	36943932	+	0	0
ENSG0000(RP11-431J) antisense_chrX	16152941	16170869	-	0	0
ENSG0000(AC017079) processed_chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(AHCYP2) processed_chr9	1.21E+08	1.21E+08	+	0	0
ENSG0000(RPS27P5) processed_chr1	2.27E+08	2.27E+08	+	0	0
ENSG0000(CD81-AS1) antisense_chr11	2328749	2377992	-	0.31	0
ENSG0000(RP11-252M) antisense_chr13	30973289	30977623	-	0	0
ENSG0000(RP11-656D) antisense_chr1	40515754	40517174	-	0	0
ENSG0000(RP5-875H3) processed_chrX	1.31E+08	1.31E+08	+	0	0
ENSG0000(ENOX1-AS2) antisense_chr13	43458465	43459484	+	0	0
ENSG0000(HMGB1P1) processed_chrX	50931114	50931548	-	0	0
ENSG0000(CLUHP1) unprocessed_chrY	17621259	17625832	-	0	0
ENSG0000(LL22NC03) lincRNA_chr22	48139461	48141001	-	0	0
ENSG0000(RP11-555H) processed_chrX	5305714	5307128	-	0	0
ENSG0000(RP4-719C8) antisense_chr20	59626464	59628289	-	0	0
ENSG0000(CTA-503F6) lincRNA_chr22	27204211	27205126	+	0	0
ENSG0000(PAXB1-AS) antisense_chr21	32728115	32743122	+	0.44	0.87
ENSG0000(RP11-31F1) lincRNA_chr1	1.13E+08	1.13E+08	-	0.22	0.34
ENSG0000(UBE2V2P3) processed_chr1	11278616	11279351	-	0	0
ENSG0000(MGAT2P2) processed_chrX	1.36E+08	1.36E+08	+	0	0
ENSG0000(AC114752) lincRNA_chr2	64338067	64341647	-	0	0
ENSG0000(AC002465) antisense_chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(MPC1L) protein_co_chrX	40623566	40624136	+	0	0
ENSG0000(AC009312) antisense_chr2	1.18E+08	1.18E+08	-	0.12	0
ENSG0000(RP13-210D) protein_co_chrX	1.35E+08	1.35E+08	+	0	0

ENSG0000(POLR2LP1 processed_ chr6	31140727	31140913	+	0	0
ENSG0000(LINC02096 lincRNA chr17	14834638	14900554	+	0	0
ENSG0000(TARDBPP2 processed_ chr13	60274776	60276006	+	0	0
ENSG0000(RP11-167P processed_ chr10	72643011	72644650	+	0	0
ENSG0000(LINC01877 lincRNA chr2	2E+08	2E+08	+	0	0
ENSG0000(AP000275. processed_ chr21	32624416	32625096	-	0	0
ENSG0000(RP11-69L1 antisense chr6	7276031	7298872	+	0	0
ENSG0000(MKRN4P processed_ chrX	40834485	40836005	+	0	0
ENSG0000(RP6-204F4 processed_ chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-522N antisense chr1	2.46E+08	2.46E+08	-	0	0
ENSG0000(CRIP1P2 processed_ chr3	25686896	25687123	+	0	0
ENSG0000(C9orf69 protein_co chr9	1.36E+08	1.36E+08	-	18.54	17.38
ENSG0000(OR7E7P unprocessε chr7	97946987	97947998	-	0.94	1.09
ENSG0000(LINC00391 lincRNA chr13	94699694	94702862	-	0	0
ENSG0000(RP11-4601 processed_ chr1	27990158	27990524	-	0	0
ENSG0000(RP11-95P1 lincRNA chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(TSPY11P unprocessε chrY	6266593	6269275	+	0	0
ENSG0000(MTCYBP14 processed_ chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(CCR12P processed_ chr13	99407781	99409062	-	0	0
ENSG0000(RP11-575B lincRNA chr1	60114875	60149679	+	0	0
ENSG0000(OR2W3 protein_co chr1	2.48E+08	2.48E+08	+	0.65	0.65
ENSG0000(GABARAPL processed_ chr15	90348844	90349197	-	0	0
ENSG0000(MYO5BP2 processed_ chr9	62857208	62858484	+	0	0
ENSG0000(RP11-575A antisense chr10	20070805	20091784	-	0	0
ENSG0000(GS1-309P1 processed_ chrX	27517884	27519759	+	0	0
ENSG0000(HMGN2P1 processed_ chr1	8893409	8894151	+	0	0.1
ENSG0000(ST6GAL2-IT sense_intrε chr2	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-172F processed_ chr9	96407284	96407797	+	0	0
ENSG0000(CTC-431G1 processed_ chr5	79849552	79849846	-	0	0
ENSG0000(MTND5P2C processed_ chr1	1.14E+08	1.14E+08	-	0	0
ENSG0000(AP000244. unprocessε chr21	30762682	30762882	-	0	0
ENSG0000(RP11-342D antisense chr10	33211277	33213804	+	0.58	0.54
ENSG0000(AC067940. processed_ chr2	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-46F1 antisense chr1	3623190	3624743	-	0.11	0.49
ENSG0000(NTM-IT sense_intrε chr11	1.32E+08	1.32E+08	+	0	0
ENSG0000(RPL21P88 processed_ chr10	43630947	43631382	+	0	0
ENSG0000(LINC00317 lincRNA chr21	21723293	21737319	-	0	0
ENSG0000(LINC00707 lincRNA chr10	6779598	6842906	+	0.02	0.02
ENSG0000(RP11-241K processed_ chr3	39338129	39338879	-	0	0
ENSG0000(PAGE2B protein_co chrX	55075063	55078909	+	0	0.34
ENSG0000(RP11-445J lincRNA chr1	1.9E+08	1.9E+08	-	0	0
ENSG0000(IFNWP19 unprocessε chr9	21455484	21456049	+	0	0
ENSG0000(RP3-436N2 antisense chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(AC012360. antisense chr2	1.05E+08	1.05E+08	+	0.03	0
ENSG0000(HOMER2P2 processed_ chr14	1.06E+08	1.06E+08	-	0	0

ENSG0000(RP11-245J):processed_chr10	1.18E+08	1.18E+08	+	0	0
ENSG0000(AC068483):lincRNA_chr2	1.29E+08	1.29E+08	-	0	0
ENSG0000(ALG1L6P):unprocessed_chr3	75415070	75422143	+	0	0
ENSG0000(BX470102):antisense_chr1	1.54E+08	1.54E+08	+	0	1.06
ENSG0000(RP11-436D):antisense_chr10	62793562	62805887	-	0	0
ENSG0000(RP5-1164C):lincRNA_chr20	4475638	4525200	+	0	0
ENSG0000(TBC1D3P1):transcribed_chr17	60008437	60017498	-	0	0
ENSG0000(LINC01448):lincRNA_chr7	42661726	42706447	-	0.06	0
ENSG0000(MRPL50P2):processed_chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(SLC35E1P1):processed_chr13	20607268	20608131	+	0.22	0.64
ENSG0000(RP11-656D):antisense_chr1	40493157	40508661	-	0.23	0.51
ENSG0000(MTND3P2):unprocessed_chr9	92110168	92110514	+	0	0
ENSG0000(RP11-431K):lincRNA_chr1	8026738	8122702	+	0.08	0.03
ENSG0000(RP11-94M):lincRNA_chr10	90462717	90467952	+	0.08	0
ENSG0000(snoU13):snoRNA_chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(U3):snoRNA_chr7	1.08E+08	1.08E+08	-	0	0
ENSG0000(SNORD121):snoRNA_chr9	33934296	33934376	-	0	0
ENSG0000(RNU7-120F):snRNA_chr12	89282223	89282285	-	0	0
ENSG0000(RNU7-50P):snRNA_chr11	3781395	3781456	+	0	0
ENSG0000(snoU13):snoRNA_chr15	65696833	65696936	-	0	0
ENSG0000(snoU13):snoRNA_chr1	26642286	26642389	-	0	0
ENSG0000(SNORD11):snoRNA_chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RN7SKP19):misc_RNA_chr7	1.03E+08	1.03E+08	+	0	0
ENSG0000(snoU13):snoRNA_chr5	56000518	56000621	-	0	0
ENSG0000(SNORD126):snoRNA_chr14	20326450	20326526	-	0	0
ENSG0000(RNU7-148F):snRNA_chr2	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP5-1121E):lincRNA_chr7	90119299	90122890	-	0.24	0.13
ENSG0000(SNORA13):snoRNA_chr5	1.12E+08	1.12E+08	+	0	0
ENSG0000(RNU7-140F):snRNA_chr19	10551033	10551092	-	0	0
ENSG0000(RNU7-57P):snRNA_chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(Y_RNA):misc_RNA_chr10	6245731	6245831	-	0	0
ENSG0000(MIR2113):miRNA_chr6	98024531	98024621	+	0	0
ENSG0000(RNU7-103F):snRNA_chr12	589530	589589	-	0	0
ENSG0000(snoU13):snoRNA_chr2	15903669	15903772	+	0	0
ENSG0000(snoU13):snoRNA_chr8	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNU7-180F):snRNA_chr5	1.46E+08	1.46E+08	-	0	0
ENSG0000(RNA5SP10):rRNA_chr2	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU7-165F):snRNA_chr10	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNU6-1211):snRNA_chr1	2.33E+08	2.33E+08	+	0	0
ENSG0000(RNU7-48P):snRNA_chr6	70513294	70513356	+	0	0
ENSG0000(snoU13):snoRNA_chr11	9578028	9578131	+	0	0
ENSG0000(SNORA81):snoRNA_chr21	31664306	31664482	+	0	0
ENSG0000(RNA5SP23):rRNA_chr7	74487428	74487540	-	0	0
ENSG0000(MIR2053):miRNA_chr8	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNA5SP31):rRNA_chr10	46807458	46807573	-	0	0

ENSG0000(RNU7-171F)	snRNA	chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(snoU109)	snoRNA	chr2	75489576	75489710	+	0	0
ENSG0000(RNU7-63P)	snRNA	chr16	8705456	8705517	-	0	0
ENSG0000(RNU7-186F)	snRNA	chr17	47259358	47259420	-	0	0
ENSG0000(RNU6-437F)	snRNA	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(SNORD42B)	snoRNA	chr17	28720550	28720616	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	41316488	41316589	+	0	0
ENSG0000(RNU7-136F)	snRNA	chr3	1.6E+08	1.6E+08	-	0	0
ENSG0000(RNU7-157F)	snRNA	chr7	57227001	57227066	+	0	0
ENSG0000(snoU13)	snoRNA	chr12	64355762	64355865	-	0	0
ENSG0000(RNU7-130F)	snRNA	chr5	35632963	35633024	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(RNU6-893F)	snRNA	chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNU7-38P)	snRNA	chr10	71844735	71844794	-	0	0
ENSG0000(RNU7-134F)	snRNA	chr17	57685529	57685592	-	0	0
ENSG0000(RNU7-144F)	snRNA	chr20	48494234	48494309	-	0	0
ENSG0000(RNU6-1014)	snRNA	chr15	46660658	46660760	+	0	0
ENSG0000(RNU7-169F)	snRNA	chr12	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU7-14P)	snRNA	chr20	53668697	53668758	-	0	0
ENSG0000(RNU6-498F)	snRNA	chr15	20738679	20738785	+	0	0
ENSG0000(RNU6-1208)	snRNA	chr1	24777873	24777979	-	0	0
ENSG0000(snoU13)	snoRNA	chrX	1.4E+08	1.4E+08	-	0	0
ENSG0000(RNU6-749F)	snRNA	chr15	20855251	20855357	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU6-221F)	snRNA	chr2	55456106	55456204	-	0	0
ENSG0000(SNORD13P)	snoRNA	chr22	42076058	42076161	-	0	0
ENSG0000(RNU7-87P)	snRNA	chr13	66630715	66630776	-	0	0
ENSG0000(SNORD18)	snoRNA	chr2	12030303	12030372	-	0	0
ENSG0000(RNU6-104F)	snRNA	chr8	43303376	43303482	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	28834722	28834822	+	0	0
ENSG0000(MIR1270)	miRNA	chr19	20399272	20399354	-	0	0
ENSG0000(U8)	snoRNA	chr15	30384959	30385091	-	0	0
ENSG0000(RNU7-107F)	snRNA	chr10	50590652	50590712	-	0	0
ENSG0000(RNU6-599F)	snRNA	chr9	42863200	42863306	+	0	0
ENSG0000(SNORD105)	snoRNA	chr19	10109757	10109835	+	0	0
ENSG0000(RNU7-93P)	snRNA	chr14	36405214	36405274	+	0	0
ENSG0000(RNU7-104F)	snRNA	chr2	1.79E+08	1.79E+08	-	0	0
ENSG0000(RNU6-1193)	snRNA	chr9	64380194	64380300	+	0	0
ENSG0000(RNU1-88P)	snRNA	chr6	36639545	36639672	-	0	0
ENSG0000(RNU7-21P)	snRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	76523605	76523706	+	0	0
ENSG0000(RNU6ATAC)	snRNA	chr14	83750384	83750501	+	0	0
ENSG0000(RNU7-159F)	snRNA	chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(snoU13)	snoRNA	chr2	1.62E+08	1.62E+08	+	0	0
ENSG0000(snoU109)	snoRNA	chr18	2555358	2555492	+	0	0

ENSG0000(SNORD4A)	snoRNA	chr17	28722582	28722653	+	0	0
ENSG0000(RNU7-167F)	snRNA	chr22	35249772	35249833	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	55501595	55501708	-	0	0
ENSG0000(RNU7-54P)	snRNA	chr7	1.28E+08	1.28E+08	-	0	0
ENSG0000(snoU13)	snoRNA	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(SNORD4B)	snoRNA	chr17	28723682	28723753	+	0	0
ENSG0000(RNU7-7P)	snRNA	chrX	38608215	38608276	+	0	0
ENSG0000(RNU7-94P)	snRNA	chr12	1.06E+08	1.06E+08	-	0	0
ENSG0000(RNU7-26P)	snRNA	chr6	27897504	27897566	-	0	0
ENSG0000(RNU6-300F)	snRNA	chr6	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNU6-775F)	snRNA	chr2	55451004	55451099	-	0	0
ENSG0000(SNORD97)	snoRNA	chr11	10801467	10801608	-	0	0
ENSG0000(RNA5SP48)	rRNA	chr21	25202207	25202315	+	0	0
ENSG0000(snoU13)	snoRNA	chr6	87720915	87721018	+	0	0
ENSG0000(RNU7-126F)	snRNA	chr4	25598564	25598625	-	0	0
ENSG0000(snoU13)	snoRNA	chr16	53334562	53334664	+	0	0
ENSG0000(SNORD42A)	snoRNA	chr17	28723429	28723492	+	0	0
ENSG0000(SNORD54)	snoRNA	chr8	56073835	56073901	-	0	0
ENSG0000(RNU7-62P)	snRNA	chr1	64384398	64384459	-	0	0
ENSG0000(RNU6-625F)	snRNA	chr17	78066947	78067053	+	0	0
ENSG0000(RNU6-333F)	snRNA	chr12	53138545	53138651	-	0	0
ENSG0000(RNU6-103)	snRNA	chr18	66946116	66946222	+	0	0
ENSG0000(ACA64)	snoRNA	chr16	12297197	12297323	-	0	0
ENSG0000(snoU13)	snoRNA	chr4	34966241	34966344	-	0	0
ENSG0000(RNU6-261F)	snRNA	chr6	76446988	76447089	-	0	0
ENSG0000(RNU7-147F)	snRNA	chr2	1.99E+08	1.99E+08	+	0	0
ENSG0000(RNU7-97P)	snRNA	chr17	42440198	42440259	-	0	0
ENSG0000(MIR1976)	miRNA	chr1	26554542	26554593	+	0	0
ENSG0000(SNORD2)	snoRNA	chr10	56595963	56596031	-	0	0
ENSG0000(RNU7-56P)	snRNA	chrX	16767844	16767905	+	0	0
ENSG0000(RNY4P25)	misc_RNA	chr1	1.51E+08	1.51E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	1.45E+08	1.45E+08	-	0	0
ENSG0000(RNU7-96P)	snRNA	chr2	97913054	97913117	-	0	0
ENSG0000(RNU7-194F)	snRNA	chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	46215070	46215171	-	0	0
ENSG0000(snoU13)	snoRNA	chr11	1.15E+08	1.15E+08	+	0	0
ENSG0000(MIR1972-1)	miRNA	chr16	15010321	15010397	-	0	0
ENSG0000(RNU7-164F)	snRNA	chrX	40535502	40535563	-	0	0
ENSG0000(RNU7-90P)	snRNA	chr16	72673503	72673564	+	0	0
ENSG0000(RNU7-113F)	snRNA	chr2	20246326	20246387	-	0	0
ENSG0000(SCARNA7)	scaRNA	chr3	1.61E+08	1.61E+08	-	0	0
ENSG0000(snoU13)	snoRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	61883640	61883751	-	0	0
ENSG0000(RNU7-27P)	snRNA	chr7	1.28E+08	1.28E+08	+	0	0
ENSG0000(SCARNA18)	snoRNA	chr1	1.93E+08	1.93E+08	-	0	0

ENSG0000(LINC02006 processed_ chr3	1.53E+08	1.54E+08	-	0	0.09
ENSG0000(RNU7-155F snRNA chr17	71298156	71298218	-	0	0
ENSG0000(snoU13 snoRNA chr1	1.12E+08	1.12E+08	+	0	0
ENSG0000(snoU13 snoRNA chrX	17357930	17358033	+	0	0
ENSG0000(RNA5SP57 rRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNU7-141F snRNA chr20	59852667	59852728	-	0	0
ENSG0000(RNU7-80P snRNA chr1	67772593	67772653	-	0	0
ENSG0000(RNU7-9P snRNA chr2	2.3E+08	2.3E+08	+	0	0
ENSG0000(Y_RNA misc_RNA chr15	30355436	30355540	+	0	0
ENSG0000(RNU7-92P snRNA chr20	47904348	47904423	+	0	0
ENSG0000(RNU7-182F snRNA chr2	1.27E+08	1.27E+08	+	0	0
ENSG0000(RNU7-152F snRNA chr6	1.56E+08	1.56E+08	-	0	0
ENSG0000(SNORD124 snoRNA chr17	40027542	40027645	-	0	0
ENSG0000(SCARNA12 snoRNA chr12	6967337	6967606	-	1.23	0
ENSG0000(Y_RNA misc_RNA chr4	39441665	39441764	+	0	0
ENSG0000(snoU13 snoRNA chr17	48956650	48956753	-	0	0
ENSG0000(RNU7-102F snRNA chr8	69110513	69110574	-	0	0
ENSG0000(RNU7-127F snRNA chr2	2.36E+08	2.36E+08	+	0	0
ENSG0000(Y_RNA misc_RNA chr2	1.66E+08	1.66E+08	-	0	0
ENSG0000(SNORD11 snoRNA chr15	46351662	46351746	-	0	0
ENSG0000(RNU1-13P snRNA chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(RNU7-45P snRNA chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(RNU7-46P snRNA chr2	98840675	98840736	-	0	0
ENSG0000(snoU109 snoRNA chr7	1.08E+08	1.08E+08	+	0	0
ENSG0000(RNU1-131F snRNA chr20	17209060	17209220	+	0	0
ENSG0000(SCARNA18 snoRNA chr5	83064204	83064337	-	0	0
ENSG0000(LINC02031 lincRNA chr3	1.83E+08	1.83E+08	+	0	0
ENSG0000(U8 snoRNA chr10	4962436	4962568	-	0	0
ENSG0000(RNU7-106F snRNA chr12	80068691	80068757	-	0	0
ENSG0000(Y_RNA misc_RNA chr15	44843612	44843724	+	0	0
ENSG0000(SNORD5 snoRNA chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(SNORD19B snoRNA chr3	52690744	52690827	+	0	0
ENSG0000(RN7SKP21(misc_RNA chr22	39874255	39874515	-	0	0
ENSG0000(RNU7-59P snRNA chr11	77566934	77566994	-	0	0
ENSG0000(RNU6-329F snRNA chr9	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU7-85P snRNA chr8	79800133	79800195	-	0	0
ENSG0000(SNORD121 snoRNA chr9	33952769	33952850	-	0	0
ENSG0000(RNU1-80P snRNA chr17	77920098	77920258	+	0	0
ENSG0000(snoU13 snoRNA chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(snoU13 snoRNA chr3	1.93E+08	1.93E+08	-	0	0
ENSG0000(RNU7-34P snRNA chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(snoU13 snoRNA chr7	29912528	29912632	+	0	0
ENSG0000(RNA5SP48(rRNA chr20	40854119	40854229	-	0	0
ENSG0000(Y_RNA misc_RNA chr3	27547757	27547858	-	0	0
ENSG0000(RNU7-196F snRNA chr5	73828012	73828073	-	0	0

ENSG0000(SNORD10	snoRNA	chr17	7576811	7576952	+	0	4.37
ENSG0000(RNU7-1	snRNA	chr12	6943816	6943878	+	0	0
ENSG0000(RNU7-82P	snRNA	chr3	1.63E+08	1.63E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	72284945	72285045	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr9	61642383	61642494	+	0	0
ENSG0000(ACA64	snoRNA	chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(SNORD65	snoRNA	chr8	41426655	41426727	+	0	0
ENSG0000(RNU6-953F	snRNA	chr15	45354779	45354885	-	0	0
ENSG0000(SNORD2	snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	8592476	8592585	+	0	0
ENSG0000(RNU7-66P	snRNA	chr6	66728843	66728904	-	0	0
ENSG0000(RNU7-173F	snRNA	chr20	47826969	47827044	-	0	0
ENSG0000(RNU7-19P	snRNA	chr3	73027808	73027873	+	0	0
ENSG0000(SNORA47	snoRNA	chr5	77080434	77080571	-	0	4.48
ENSG0000(RNU7-176F	snRNA	chr2	10815485	10815546	-	0	0
ENSG0000(U8	snoRNA	chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(RNU7-125F	snRNA	chr16	14643788	14643849	+	0	0
ENSG0000(RNA5SP35:	rRNA	chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(SNORD112	snoRNA	chr8	42043504	42043575	-	0	0
ENSG0000(RNU7-133F	snRNA	chr6	14156462	14156523	+	0	0
ENSG0000(RNU7-187F	snRNA	chr11	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNU6-420F	snRNA	chr4	22118983	22119089	+	0	0
ENSG0000(SCARNA10	snoRNA	chr12	6510222	6510551	+	0	0
ENSG0000(RNU7-88P	snRNA	chr13	59480070	59480132	+	0	0
ENSG0000(ACA64	snoRNA	chr4	1.39E+08	1.39E+08	-	0	0
ENSG0000(RNU7-95P	snRNA	chr1	53688749	53688812	-	0	0
ENSG0000(ACA64	snoRNA	chrX	80857076	80857202	-	0	0
ENSG0000(RNU7-74P	snRNA	chr4	40377452	40377513	-	0	0
ENSG0000(SNORD108	snoRNA	chr15	24986925	24986995	+	0	0
ENSG0000(RNA5SP24:	rRNA	chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNU1-98P	snRNA	chr21	16718998	16719157	+	0	0
ENSG0000(RNU6-956F	snRNA	chr7	94712409	94712511	+	0	0
ENSG0000(snoU13	snoRNA	chr15	57278570	57278673	-	0	0
ENSG0000(SNORD13	snoRNA	chr8	33513475	33513578	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	55412636	55412738	+	0	0
ENSG0000(snoU13	snoRNA	chr2	1.73E+08	1.73E+08	+	0	0
ENSG0000(SNORD127	snoRNA	chr14	45110883	45110968	+	0	0
ENSG0000(RNU7-138F	snRNA	chr2	10744186	10744249	+	0	0
ENSG0000(MIR500B	miRNA	chrX	50010672	50010750	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr7	74895816	74895917	+	0	0
ENSG0000(RNU6-274F	snRNA	chr7	89754620	89754726	-	0	0
ENSG0000(RNU7-55P	snRNA	chr8	9072455	9072516	-	0	0
ENSG0000(snoU13	snoRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(snoU13	snoRNA	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(RNU7-24P	snRNA	chr16	24400056	24400117	-	0	0

ENSG0000(RNU7-170F)	snRNA	chr12	1.22E+08	1.22E+08	+	0	0
ENSG0000(snoU13)	snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(snoU13)	snoRNA	chr3	1.8E+08	1.8E+08	-	0	0
ENSG0000(RNU7-23P)	snRNA	chr11	66919762	66919823	+	0	0
ENSG0000(RNU7-185F)	snRNA	chr9	8797135	8797194	+	0	0
ENSG0000(RNU7-73P)	snRNA	chr3	37573151	37573213	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	24625411	24625513	-	0	0
ENSG0000(RNU6-113Z)	snRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(SNORD123)	snoRNA	chr5	9548836	9548905	+	0	0
ENSG0000(RNU7-67P)	snRNA	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR1972-2)	miRNA	chr16	70030346	70030422	+	0	0
ENSG0000(RNU7-119F)	snRNA	chr3	73593940	73594002	-	0	0
ENSG0000(RNU2-11P)	snRNA	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(SNORD125)	snoRNA	chr22	29333163	29333258	-	0	0
ENSG0000(SNORD13P)	snoRNA	chr3	47250523	47250626	-	0	0
ENSG0000(snoU13)	snoRNA	chr17	29883006	29883109	+	0	0
ENSG0000(snoU13)	snoRNA	chr19	55167171	55167274	+	0	0
ENSG0000(U8)	snoRNA	chr10	5093408	5093543	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	85332895	85332996	-	0	0
ENSG0000(U8)	snoRNA	chr10	5004710	5004842	+	0	0
ENSG0000(SNORA59A)	snoRNA	chr1	12507246	12507397	+	0	0
ENSG0000(RNU7-195F)	snRNA	chr15	89120779	89120840	+	0	0
ENSG0000(RNA5SP31)	rRNA	chr10	45856307	45856422	+	0	0
ENSG0000(snoU13)	snoRNA	chr11	1.16E+08	1.16E+08	-	0	0
ENSG0000(RNU7-197F)	snRNA	chr4	1.49E+08	1.49E+08	-	0	0
ENSG0000(SNORD109)	snoRNA	chr15	25278343	25278409	+	0	0
ENSG0000(RNU6-121F)	snRNA	chr8	30043801	30043908	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr9	70311607	70311701	-	0	0
ENSG0000(SNORA35)	snoRNA	chrX	1.19E+08	1.19E+08	+	0	0
ENSG0000(SNORA84)	snoRNA	chr9	92292461	92292593	-	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	68695643	68695779	+	0	0
ENSG0000(RNU7-190F)	snRNA	chr2	1.17E+08	1.17E+08	-	0	0
ENSG0000(RNU6-634F)	snRNA	chr2	55499950	55500055	+	0	0
ENSG0000(RNU6-717F)	snRNA	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(RNU1-123F)	snRNA	chr16	67390691	67390850	-	0	0
ENSG0000(SNORD5)	snoRNA	chr11	93733228	93733300	-	0	0
ENSG0000(snoU109)	snoRNA	chr15	92417547	92417689	+	0	0
ENSG0000(RPL5P22)	processed_	chr8	28299683	28300566	+	0	0
ENSG0000(RPL21P6)	processed_	chr14	55413556	55414059	-	0	0
ENSG0000(RP11-536C)	processed_	chr14	18692032	18692408	+	0.24	0
ENSG0000(RPL21P106)	processed_	chr12	92168400	92168877	+	0	0
ENSG0000(RN7SL499F)	misc_RNA	chr2	2.32E+08	2.32E+08	-	0	0
ENSG0000(AC093484)	processed_	chr17	16427474	16428719	+	0.34	0.19
ENSG0000(LINC02023)	lincRNA	chr3	1.65E+08	1.65E+08	-	0	0
ENSG0000(GAPDHP39)	processed_	chr3	1.39E+08	1.39E+08	+	0	0

ENSG0000(RPS26P55)	processed_chr19	34533427	34534084	-	0	0
ENSG0000(RN7SL563F)	misc_RNA_chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(RPL6P7)	processed_chr3	1.56E+08	1.56E+08	+	0	0
ENSG0000(NCK1-AS1)	antisense_chr3	1.37E+08	1.37E+08	-	0.65	0.38
ENSG0000(RPL27P12)	processed_chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP4-712E4)	lincRNA_chr1	1.19E+08	1.19E+08	-	0	0
ENSG0000(RPS20P22)	transcribed_chr8	38434347	38435664	-	0.53	0.54
ENSG0000(RP11-379K)	antisense_chr3	1.7E+08	1.7E+08	-	0.01	0
ENSG0000(RN7SL442F)	misc_RNA_chr17	16191832	16192151	+	0	0
ENSG0000(RPL34P31)	processed_chr17	27274107	27274477	+	0	0
ENSG0000(RN7SL546F)	misc_RNA_chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(TTTY23)	lincRNA_chrY	9910798	9911962	+	0	0
ENSG0000(MRPS17P3)	processed_chr3	78525101	78525485	+	0	0
ENSG0000(RP11-12K1)	processed_chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(RN7SL578F)	misc_RNA_chrX	3058220	3058502	-	0	0
ENSG0000(MEMO1P3)	processed_chr3	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP11-464D)	processed_chr17	62516321	62516767	-	0	0
ENSG0000(RN7SL589F)	misc_RNA_chr4	2316197	2316506	-	0	0
ENSG0000(RN7SL757F)	misc_RNA_chr22	28056153	28056453	-	0	0
ENSG0000(RN7SL271F)	misc_RNA_chr3	71827177	71827471	+	0	0
ENSG0000(RPS4XP23)	processed_chr19	34021659	34021895	+	0	0
ENSG0000(RP11-365F)	processed_chr7	1.39E+08	1.39E+08	-	0	0.04
ENSG0000(RP11-145N)	processed_chr3	1.79E+08	1.79E+08	-	0	0
ENSG0000(RPL35AP35)	processed_chr17	29340482	29340822	-	0	0
ENSG0000(RPL23AP1)	transcribed_chr6	29726669	29727139	-	1.5	2.14
ENSG0000(RPL31P41)	processed_chr8	65155407	65155778	+	0	0
ENSG0000(RBM43P1)	processed_chr3	69471452	69472532	-	0	0
ENSG0000(TXNDC5)	protein_co_chr6	7881517	7910814	-	245.46	230.81
ENSG0000(CLRN1-AS1)	antisense_chr3	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-384F)	lincRNA_chr3	1.18E+08	1.18E+08	-	0	0
ENSG0000(RPSAP4)	processed_chr14	94726288	94727175	+	0	0
ENSG0000(RPL21P10)	processed_chr14	77683202	77683989	-	0	0.17
ENSG0000(RN7SL184F)	misc_RNA_chr4	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-271C)	processed_chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000(RPS29P2)	processed_chr8	41271431	41271566	+	0	0
ENSG0000(GATS�3)	protein_co_chr22	30285117	30289627	-	2.96	2.41
ENSG0000(RP11-59E1)	processed_chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP5-867C2)	processed_chr17	47159191	47159993	-	0	0
ENSG0000(OR9P1P)	unprocessed_chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-400L)	antisense_chr2	9505445	9512412	+	0	0
ENSG0000(DNM1P48)	processed_chrY	25486640	25487322	+	0	0
ENSG0000(RNF103)	protein_co_chr2	86603393	86623866	-	15.6	13.75
ENSG0000(RBM14)	protein_co_chr11	66616582	66627347	+	12.4	11.14
ENSG0000(RP11-615J)	lincRNA_chr3	1.11E+08	1.11E+08	-	0	0
ENSG0000(MORC1-AS)	antisense_chr3	1.09E+08	1.09E+08	+	0	0

ENSG0000(RPL19P13 processed_ chr8	11256020	11256602	+	0	0
ENSG0000(RN7SL11P misc_RNA chr6	89478141	89478433	+	0	0
ENSG0000(RP11-449H processed_ chr5	1.46E+08	1.46E+08	+	0	0
ENSG0000(RN7SL854F misc_RNA chr1	65761058	65761352	-	0	0
ENSG0000(RPS29P26 processed_ chr19	39597832	39598002	+	0	0
ENSG0000(ATP6V1B1- antisense chr2	70941817	70948610	-	0	0
ENSG0000(CTD-2213F processed_ chr14	31462795	31463371	-	0	0
ENSG0000(RP11-14J7. processed_ chr14	20616644	20616991	-	0	0
ENSG0000(LINC01119 lincRNA chr2	46816697	46859007	+	4.66	3.23
ENSG0000(RN7SL658F misc_RNA chrX	16539137	16539439	-	0	0
ENSG0000(LLPH-AS1 antisense chr12	66130751	66134449	+	0	0
ENSG0000(RP11-771F processed_ chr8	1.04E+08	1.04E+08	+	0	0
ENSG0000(HNRNPA1F processed_ chrX	1.01E+08	1.01E+08	-	0	0.06
ENSG0000(RP11-398A processed_ chr3	72085109	72085287	+	0	0
ENSG0000(NPM1P29 processed_ chr3	1.5E+08	1.5E+08	-	0	0
ENSG0000(RPS17P15 processed_ chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(RN7SL309F misc_RNA chr11	65695552	65695837	+	0	0
ENSG0000(RPS26P49 processed_ chr14	1.05E+08	1.05E+08	-	0	0
ENSG0000(RN7SL477F misc_RNA chr19	1570575	1570860	-	0	0
ENSG0000(RP11-407P processed_ chr12	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP4-584D1 antisense chr7	1.5E+08	1.5E+08	-	0	0
ENSG0000(RP11-4B14 lincRNA chr3	1.82E+08	1.82E+08	-	0	0
ENSG0000(ALKBH6 protein_co chr19	36009120	36014239	-	11.83	12.72
ENSG0000(RP11-413E processed_ chr3	75590298	75590649	-	0	0
ENSG0000(ASB14 protein_co chr3	57268347	57292682	-	0	0
ENSG0000(PCDHA13 protein_co chr5	1.41E+08	1.41E+08	+	0	0.02
ENSG0000(RN7SL87P misc_RNA chr5	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-537H processed_ chr9	34133157	34134696	-	0	0.04
ENSG0000(CTD-2301A processed_ chr5	1.77E+08	1.77E+08	+	0	0
ENSG0000(RP11-634B processed_ chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(RN7SL414F misc_RNA chr2	45569199	45569492	-	0	0
ENSG0000(RP11-101K processed_ chr12	46004038	46004685	-	0	0
ENSG0000(RN7SL342F misc_RNA chr18	59972914	59973207	+	0	0
ENSG0000(CYP4F62P transcribed chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(TMED10P2 processed_ chr3	1.29E+08	1.29E+08	+	0.34	0.37
ENSG0000(LLOXNC01- lincRNA chrX	1.03E+08	1.03E+08	+	0.63	1.22
ENSG0000(RP11-278L. processed_ chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RPL21P71 processed_ chr3	1.47E+08	1.47E+08	+	0	0.19
ENSG0000(RPS27P23 processed_ chr12	1.01E+08	1.01E+08	+	0	0.58
ENSG0000(AP001469. antisense chr21	46251549	46254133	-	0.06	0
ENSG0000(RN7SL535F misc_RNA chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(OR8F1P unprocessed chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(GM2AP2 processed_ chr1	1.71E+08	1.71E+08	+	0	0
ENSG0000(RP11-45D1 unprocessed chrX	1.52E+08	1.52E+08	+	0	0
ENSG0000(GS1-388B5 processed_ chr3	1.26E+08	1.26E+08	+	0	0.26

ENSG0000(KCNMB3P1 transcribed chr22	16575363	16582707	-	0	0
ENSG0000(RN7SL752F misc_RNA chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(RPS26P48 processed_chr14	78231281	78231619	-	0	0
ENSG0000(RFKP2 processed_chr3	1.12E+08	1.12E+08	-	0	0
ENSG0000(LINC02008 lincRNA chr3	81986138	82463675	+	0	0
ENSG0000(PABPC1P1 processed_chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(ST3GAL6-A antisense chr3	98714330	98732651	-	1.37	1.07
ENSG0000(RP1-76B20 antisense chr22	29711820	29719714	-	0	0
ENSG0000(SIDT1-AS1 antisense chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000(LINC02047 lincRNA chr3	73999805	74005609	+	0	0
ENSG0000(RP11-561C processed_chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTD-2021J antisense chr3	98902424	99018562	+	0	0
ENSG0000(RN7SL691F misc_RNA chr4	43598544	43598844	-	0	0
ENSG0000(RP11-330L processed_chr15	64631109	64631914	-	0	0
ENSG0000(RN7SL552F misc_RNA chr4	84687725	84688000	-	0	0
ENSG0000(AC007405 lincRNA chr2	1.71E+08	1.71E+08	+	0.38	0.61
ENSG0000(RN7SL569F misc_RNA chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-16F1 processed_chr11	9660438	9660920	+	0.32	0
ENSG0000(RN7SL584F misc_RNA chr15	20095733	20096029	-	0	0
ENSG0000(RN7SL221F misc_RNA chr6	5918564	5918844	-	0	0
ENSG0000(RPL7P38 processed_chr12	80028893	80029631	+	0	0
ENSG0000(KLHL41 protein_co chr2	1.7E+08	1.7E+08	+	0.55	0.36
ENSG0000(RP11-514P antisense chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(RPS3AP41 processed_chr11	71669520	71670297	+	0	0
ENSG0000(RP11-90K6 lincRNA chr3	1.12E+08	1.12E+08	+	0.1	0
ENSG0000(RPS15AP1 processed_chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-163E unprocessed_chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(RPS4XP18 processed_chr18	22586465	22587227	+	0	0
ENSG0000(RN7SL333F misc_RNA chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(AC114765 lincRNA chr2	2.2E+08	2.2E+08	+	0	0
ENSG0000(MARK2P8 processed_chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RN7SL583F misc_RNA chr1	88477828	88478114	-	0	0
ENSG0000(PLCH1-AS1 antisense chr3	1.55E+08	1.55E+08	+	0	0
ENSG0000(RPL9P5 processed_chr14	58564146	58564616	+	0.16	0.18
ENSG0000(POM121L7 processed_chr22	21125660	21128063	-	0.11	0.16
ENSG0000(LINC01210 lincRNA chr3	1.38E+08	1.38E+08	+	0	0
ENSG0000(FLYWCH1P processed_chr3	1.81E+08	1.81E+08	-	0	0
ENSG0000(CTD-2503C processed_chr5	74931662	74931817	+	0	0
ENSG0000(CADM2-AS antisense chr3	85992183	86028007	-	0	0
ENSG0000(GATS protein_co chr7	1E+08	1E+08	-	7.91	8.42
ENSG0000(MYLK-AS1 antisense chr3	1.24E+08	1.24E+08	+	0.82	0.8
ENSG0000(RPL32P34 processed_chr19	5277734	5278133	+	0	0.23
ENSG0000(RPL30P5 processed_chr4	83502699	83503034	+	0	0
ENSG0000(RPS23P7 processed_chr17	62397397	62398142	+	0	0
ENSG0000(RPS14P8 processed_chr5	1.17E+08	1.17E+08	+	0	0

ENSG0000(RP11-9D8.:processed_chr4	37821361	37821838	+	0	0
ENSG0000(GOLGA2P2.transcribec_chrY	24209567	24215581	-	0	0
ENSG0000(HMGN1P2(processed_chr10	19489101	19489400	+	0	0
ENSG0000(RN7SL399F.misc_RNA_chr17	41730127	41730405	-	0	0
ENSG0000(RP11-109N.processed_chr14	72963645	72964008	-	0	0
ENSG0000(RN7SL822F.misc_RNA_chr4	55215624	55215919	-	0	0
ENSG0000(RN7SL843F.misc_RNA_chr22	17352881	17353177	-	0	0
ENSG0000(HOXB-AS2.antisense_chr17	48557262	48560333	+	0	0
ENSG0000(RN7SL12P.misc_RNA_chr11	66712720	66713009	-	0	0
ENSG0000(RN7SL841F.misc_RNA_chr16	55291379	55291675	-	0	0
ENSG0000(AC004951.transcribec_chr7	43984994	43990207	-	0	0
ENSG0000(RP11-168J:processed_chr3	52373652	52374882	+	0.1	0.11
ENSG0000(RPL37P2.processed_chr11	67682772	67683058	-	0	0
ENSG0000(RN7SL479F.misc_RNA_chr1	44117098	44117397	-	0	0
ENSG0000(RP11-654C.processed_chr3	72583370	72583535	+	0	0
ENSG0000(KMT2E-AS:antisense_chr7	1.05E+08	1.05E+08	-	1.33	1.17
ENSG0000(SETP11.processed_chr3	1.51E+08	1.51E+08	+	0	0
ENSG0000(IGKV2D-30.IG_V_gene_chr2	89936859	89937679	+	0	0
ENSG0000(RP11-451B.lincRNA_chr3	87731402	87793629	-	0	0
ENSG0000(COX6CP14.processed_chr3	49758483	49758656	+	0	0
ENSG0000(RN7SL388F.misc_RNA_chrX	72198712	72199050	+	0	0.31
ENSG0000(RN7SL325F.misc_RNA_chrX	1.38E+08	1.38E+08	+	0	0
ENSG0000(RN7SL675F.misc_RNA_chr8	69922751	69923047	-	0	0
ENSG0000(MTND1P1(unprocessε_chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(AC018730.antisense_chr2	1.05E+08	1.05E+08	-	0	0
ENSG0000(LINC00879.lincRNA_chr3	94938172	95152509	+	0	0
ENSG0000(OR1J4.protein_co_chr9	1.23E+08	1.23E+08	+	0.46	0.14
ENSG0000(RP11-477J:antisense_chr9	1.21E+08	1.21E+08	-	0.08	0.08
ENSG0000(RN7SL79P.misc_RNA_chr17	31465543	31465832	+	0	0
ENSG0000(AP000797.processed_chr11	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-449H.processed_chr5	1.46E+08	1.46E+08	+	0	0
ENSG0000(C2orf61.protein_co_chr2	47045538	47155287	-	0	0
ENSG0000(RN7SL573F.misc_RNA_chr17	75041740	75042015	+	0	0
ENSG0000(RUVBL1-AS.antisense_chr3	1.28E+08	1.28E+08	+	0.12	0
ENSG0000(HMGN1P7.processed_chr3	93988634	93988946	-	0	0
ENSG0000(CTD-2410N.processed_chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-302B.processed_chr12	48903418	48903813	-	0	1
ENSG0000(RP11-88I21.processed_chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(CTA-242H1.processed_chr7	25689580	25689959	-	0	0
ENSG0000(RN7SL241F.misc_RNA_chr10	30366064	30366299	-	0	0
ENSG0000(RPSAP41.processed_chr6	73290403	73291262	+	0.85	1.13
ENSG0000(RPL12P20.processed_chr4	41389115	41389593	+	0	0
ENSG0000(RP11-543D.lincRNA_chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(MTND4LP3.unprocessε_chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP4-728D4.antisense_chr1	35569813	35577729	-	0.07	0.16

ENSG0000(RN7SL62P)	misc_RNA	chr1	52714399	52714695	+	0	0
ENSG0000(PLS1-AS1)	antisense	chr3	1.43E+08	1.43E+08	-	0	0
ENSG0000(MEIKIN)	protein_co	chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(MTND1P3)	processed_	chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(MYADML)	transcribec	chr2	33722721	33728207	-	0	0
ENSG0000(GUSBP4)	transcribec	chr6	57919784	57930291	-	0	0
ENSG0000(PSMD6-AS)	antisense	chr3	64004022	64012148	+	0.58	0.64
ENSG0000(RPL9P31)	processed_	chr18	58631259	58632120	+	0	0
ENSG0000(RP11-78O2)	lincRNA	chr3	1.48E+08	1.48E+08	-	0	0
ENSG0000(RP11-295P)	processed_	chr10	13631143	13668445	+	5.59	4.87
ENSG0000(RP4-803A2)	unprocessε	chr1	32986952	32988233	+	0	0
ENSG0000(CTD-3193K)	processed_	chr17	42714299	42714643	+	0	0
ENSG0000(NME1)	protein_co	chr17	51153536	51162428	+	32.26	33.96
ENSG0000(RP1-127L4)	lincRNA	chr22	32141267	32143272	+	0	0
ENSG0000(PDZRN3-AS)	antisense	chr3	73621713	73626796	+	0.27	0.72
ENSG0000(RN7SL193F)	misc_RNA	chr4	43863274	43863549	+	0	0
ENSG0000(RP11-322E)	processed_	chr18	35383354	35384025	-	0	0
ENSG0000(PTGER4P3)	processed_	chr9	63775892	63776143	-	0	0
ENSG0000(RP11-665C)	processed_	chr14	55282296	55282643	-	0	0
ENSG0000(RPL17P46)	processed_	chr18	50823577	50824120	+	0	0
ENSG0000(RN7SL668F)	misc_RNA	chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(RPSAP38)	processed_	chr5	41951313	41952193	-	0	0
ENSG0000(RP11-397J)	processed_	chr7	7078302	7079742	-	0	0
ENSG0000(TNFSF12)	protein_co	chr17	7548891	7557890	+	22.46	18.9
ENSG0000(HNRNPA3F)	processed_	chr3	80216261	80217234	+	0	0
ENSG0000(RP3-461F1)	processed_	chr12	7032108	7032398	+	0	0
ENSG0000(RN7SL507F)	misc_RNA	chr17	44290856	44291151	-	0	0
ENSG0000(RN7SL568F)	misc_RNA	chr15	56029684	56029981	-	0	0
ENSG0000(CDRT4)	protein_co	chr17	15436015	15503608	-	2.88	1.57
ENSG0000(RP11-65N1)	antisense	chr9	1.25E+08	1.25E+08	+	0	0.14
ENSG0000(RP11-6F2.3)	processed_	chr3	1.57E+08	1.57E+08	-	0	0
ENSG0000(RN7SL782F)	misc_RNA	chr5	1.08E+08	1.08E+08	-	0	0
ENSG0000(RN7SL692F)	misc_RNA	chr1	92974827	92975114	-	0	0
ENSG0000(APOBEC3G)	protein_co	chr22	39077005	39087743	+	4.25	4.01
ENSG0000(AC093627)	lincRNA	chr7	174920	176013	+	0	0
ENSG0000(RP11-290K)	lincRNA	chr3	1.58E+08	1.58E+08	-	0	0
ENSG0000(HLTF-AS1)	antisense	chr3	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP4-800G7)	processed_	chr7	1.49E+08	1.49E+08	-	0	0
ENSG0000(IMP3P2)	processed_	chr7	1.29E+08	1.29E+08	+	0.16	0
ENSG0000(RN7SL688F)	misc_RNA	chr11	1.19E+08	1.19E+08	+	0	0.47
ENSG0000(RN7SL825F)	misc_RNA	chr10	31992087	31992381	-	0	0
ENSG0000(TLR9)	protein_co	chr3	52221080	52226163	-	0.06	0.09
ENSG0000(CEACAMP3)	transcribec	chr19	41599735	41605984	+	0	0
ENSG0000(RP11-373E)	lincRNA	chr3	1.71E+08	1.71E+08	-	0	0
ENSG0000(RN7SL672F)	misc_RNA	chr20	50557682	50557998	-	0	0

ENSG0000(RN7SL63P)	misc_RNA	chr10	30555601	30555904	-	0	0
ENSG0000(RN7SL790F)	misc_RNA	chrX	74390692	74390989	+	0	0
ENSG0000(RN7SL795F)	misc_RNA	chr18	70512727	70513008	+	0	0
ENSG0000(AC009120)	processed	chr16	74312609	74313390	-	1.3	1.25
ENSG0000(RP11-789F)	lincRNA	chr3	86264555	86267361	-	0	0
ENSG0000(RP11-496B)	lincRNA	chr3	1.81E+08	1.81E+08	-	0.13	0.32
ENSG0000(AC017116)	sense_ov	chr7	44064908	44066079	+	0	0.58
ENSG0000(WBP1)	protein_co	chr2	74458329	74460891	+	32.33	34.5
ENSG0000(RPLP0P11)	processed	chr18	50457887	50458795	+	0	0
ENSG0000(RP5-1050K)	processed	chr20	47071865	47072236	+	0	0
ENSG0000(MRPS17)	protein_co	chr7	55951819	55956501	+	5.63	5.9
ENSG0000(AC002310)	antisense	chr16	30572250	30583860	+	0	0
ENSG0000(C2orf27AP)	unprocess	chr9	30670964	30671966	-	0	0
ENSG0000(RP11-109G)	processed	chr4	78768499	78768750	+	0	0
ENSG0000(RN7SL653F)	misc_RNA	chr1	91829774	91830066	-	0	0
ENSG0000(RPL21P39)	processed	chr3	1.46E+08	1.46E+08	-	0	0
ENSG0000(ITIH4-AS1)	antisense	chr3	52823935	52825314	+	0	0
ENSG0000(DENND6A-)	antisense	chr3	57628810	57654918	+	0	0
ENSG0000(RP11-379B)	processed	chr3	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-252C)	processed	chr3	1.82E+08	1.82E+08	-	0	0
ENSG0000(RN7SL255F)	misc_RNA	chr5	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-51L5)	processed	chr17	62381668	62382015	+	0	0
ENSG0000(PRAMEF11)	protein_co	chr1	12824605	12831410	-	0	0
ENSG0000(IGKV1D-8)	IG_V_gene	chr2	90220727	90221384	+	0	0
ENSG0000(RN7SL213F)	misc_RNA	chr14	67751228	67751544	-	0	0
ENSG0000(RN7SL513F)	misc_RNA	chr19	18333276	18333573	+	0	0
ENSG0000(RN7SL754F)	misc_RNA	chr10	430239	430504	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	64390158	64390263	-	0	0
ENSG0000(RN7SL549F)	misc_RNA	chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(SUGT1P3)	transcribec	chr13	40882577	40921774	-	1.26	1.65
ENSG0000(RP11-446H)	lincRNA	chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(KRT8P25)	processed	chr3	87323268	87324723	+	0	0
ENSG0000(RPS4XP22)	processed	chr19	9683294	9684073	-	0	0
ENSG0000(RNF7P1)	processed	chr3	57519669	57520010	-	0	0
ENSG0000(RP11-767L)	processed	chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(DEFA3)	protein_co	chr8	7015869	7018301	-	0	0
ENSG0000(RPL23AP72)	processed	chr16	47150132	47150566	-	0	0
ENSG0000(IGKV1-6)	IG_V_gene	chr2	88966262	88966767	-	0	0
ENSG0000(RN7SL225F)	misc_RNA	chr11	86324012	86324309	-	0	0
ENSG0000(GET4)	protein_co	chr7	876552	896436	+	15.2	15.74
ENSG0000(RP11-690D)	processed	chr11	1.03E+08	1.03E+08	+	0	0
ENSG0000(IGKV1-37)	IG_V_gene	chr2	89297264	89297785	-	0	0
ENSG0000(RN7SL34P)	misc_RNA	chr19	41286424	41286693	-	0	0
ENSG0000(RP11-83M)	processed	chr5	67608654	67609130	+	0	0
ENSG0000(RPL35AP19)	processed	chr8	1.21E+08	1.21E+08	-	0	0

ENSG0000(GAPDHP27 processed_ chr1	1.2E+08	1.2E+08 -	0	0
ENSG0000(IGSF11-AS1 antisense chr3	1.19E+08	1.19E+08 +	0	0
ENSG0000(RP11-420J processed_ chr3	1.8E+08	1.8E+08 +	0.03	0
ENSG0000(RPS27P25 transcribed chr12	1.2E+08	1.2E+08 +	0.31	0
ENSG0000(PARGP1 transcribed chr10	45854093	45972154 -	2.03	3.67
ENSG0000(RN7SL608F misc_RNA chr17	2680958	2681236 +	2.3	1.58
ENSG0000(KRTAP9-2 protein_co chr17	41226648	41227652 +	0	0
ENSG0000(C1orf226 protein_co chr1	1.62E+08	1.62E+08 +	0.09	0.03
ENSG0000(RN7SL792F misc_RNA chr17	15408384	15408688 +	0	0
ENSG0000(ZNF736P9 processed_ chrY	8068896	8070723 -	0.22	0.29
ENSG0000(RN7SL674F misc_RNA chr2	11584773	11585047 +	0	0
ENSG0000(ADSL protein_co chr22	40346500	40390463 +	30.59	33.76
ENSG0000(RP11-34P1 antisense chr1	139790	140339 -	0	0
ENSG0000(RN7SL75P misc_RNA chr9	1E+08	1E+08 +	0	0
ENSG0000(RN7SL530F misc_RNA chr14	74174456	74174753 +	0	0
ENSG0000(PRKAG2-AS1 antisense chr7	1.52E+08	1.52E+08 +	0	0
ENSG0000(RPL39P36 processed_ chr19	53413190	53413345 +	0	0
ENSG0000(RPS10P16 unprocessed chr8	1.18E+08	1.18E+08 -	0	0
ENSG0000(SNRPGP3 processed_ chr7	1.29E+08	1.29E+08 +	0	0
ENSG0000(AC015691. antisense chr11	5572322	5624896 -	0.18	0.92
ENSG0000(LINC01471 lincRNA chr3	1.27E+08	1.28E+08 -	0	0
ENSG0000(RP11-71N1 lincRNA chr3	1.48E+08	1.48E+08 +	0	0
ENSG0000(RN7SL864F misc_RNA chr20	14223041	14223325 +	0	0
ENSG0000(RPL29P22 processed_ chr11	63115880	63116338 -	0	0
ENSG0000(PRDX3P4 processed_ chr3	64174401	64175147 +	0	0
ENSG0000(AP001625. sense_intronic chr21	42496539	42497443 +	0	0
ENSG0000(RN7SL606F misc_RNA chr17	60696313	60696605 +	0.37	0
ENSG0000(RPSAP34 processed_ chr4	1.08E+08	1.08E+08 -	0	0
ENSG0000(RP11-246A lincRNA chr3	1.52E+08	1.52E+08 -	0	0
ENSG0000(RN7SL394F misc_RNA chr10	67825310	67825600 -	0	0
ENSG0000(TRBV8-2 TR_V_pseudochrom7	1.42E+08	1.42E+08 +	0	0
ENSG0000(RP11-34P1 lincRNA chr1	89551	91105 -	0.17	0.48
ENSG0000(ZBTB20-AS lincRNA chr3	1.15E+08	1.15E+08 +	0	0
ENSG0000(RN7SL368F misc_RNA chr19	43660500	43660776 -	0.84	0
ENSG0000(IGKV3-20 IG_V_gene chr2	89142574	89143160 -	0	0
ENSG0000(RN7SL273F misc_RNA chr6	37361185	37361483 +	0	0
ENSG0000(RN7SL51P misc_RNA chr2	62262387	62262671 -	0	0
ENSG0000(ENPP7P2 unprocessed chr3	75446769	75491202 -	0	0
ENSG0000(LILRA4 protein_co chr19	54333185	54339150 -	0	0
ENSG0000(RN7SL748F misc_RNA chr6	36522191	36522501 +	0	0
ENSG0000(OR2A41P unprocessed chr7	1.44E+08	1.44E+08 +	0	0
ENSG0000(RP11-163E transcribed chr7	1.02E+08	1.02E+08 +	3.18	3.5
ENSG0000(IGKV1D-33 IG_V_gene chr2	89913982	89916052 +	0	0
ENSG0000(OR7E53P unprocessed chr3	1.26E+08	1.26E+08 +	0	0
ENSG0000(OR2A15P unprocessed chr7	1.44E+08	1.44E+08 -	0	0

ENSG0000(RP11-79E3 processed_ chr4	33968174	33968526	+	0	0
ENSG0000(RN7SL420F misc_RNA chr1	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-460N unprocessε chr7	65038372	65038565	+	0	0
ENSG0000(RP11-366N processed_ chr9	42196333	42196662	-	0	0
ENSG0000(RPL31P60 processed_ chr19	32963499	32963865	+	0	0
ENSG0000(AC008132. transcribec chr22	18794414	18794804	-	0	0
ENSG0000(RP11-889D lincRNA chr3	55166910	55175732	-	0	0
ENSG0000(TRBVA TR_V_pseu chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-169N antisense chr3	1.2E+08	1.2E+08	-	0	0
ENSG0000(TPT1P11 transcribec chr2	48632856	48633353	-	0	0
ENSG0000(FCF1P3 processed_ chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(LILRA2 protein_co chr19	54572920	54590287	+	0	0
ENSG0000(YBX1P3 processed_ chr3	1.15E+08	1.15E+08	+	0	0
ENSG0000(RPL7P24 processed_ chr5	80500332	80501400	+	0	0.19
ENSG0000(RP11-293A antisense chr4	26859806	26860599	-	0.37	1.22
ENSG0000(LINC02004 lincRNA chr3	1.34E+08	1.34E+08	+	0.37	0
ENSG0000(SLC9A9-AS antisense chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RN7SL254F misc_RNA chr4	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-90P5 antisense chr8	38123274	38124651	+	0	0
ENSG0000(TEX35 protein_co chr1	1.79E+08	1.79E+08	+	0.12	0
ENSG0000(RP11-561B processed_ chr14	35388121	35389069	-	0	0
ENSG0000(LINC00888 transcribec chr3	1.83E+08	1.83E+08	+	1.47	1.43
ENSG0000(RP11-4151J processed_ chr12	63760358	63760612	-	0	0
ENSG0000(OR9A3P transcribec chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(LNCSRLR antisense chr3	1.46E+08	1.46E+08	-	0.28	0.31
ENSG0000(RP11-12K1 lincRNA chr3	1.67E+08	1.67E+08	-	0	0
ENSG0000(MTND6P6 unprocessε chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-587D processed_ chr11	27581680	27582055	+	0	0
ENSG0000(AMY2B protein_co chr1	1.04E+08	1.04E+08	+	3.83	4.01
ENSG0000(AC096579. processed_ chr2	88811186	88861563	-	0	0
ENSG0000(IGHJ4 IG_J_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RPS27P26 processed_ chr16	70444674	70444912	-	0	0
ENSG0000(RP11-451G protein_co chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(RPS3AP32 processed_ chr8	74055882	74056647	+	0	0
ENSG0000(DDX50P2 processed_ chr3	1.54E+08	1.54E+08	-	0.08	0
ENSG0000(RP1-93H18 lincRNA chr6	1.16E+08	1.16E+08	+	0	0.32
ENSG0000(RPL23AP1C processed_ chr14	96456576	96457041	-	0	0
ENSG0000(RP11-289K processed_ chr5	53413504	53414260	+	0.18	0
ENSG0000(LY6G5B protein_co chr6	31670167	31673776	+	2.6	3.24
ENSG0000(RP11-349J! antisense chr6	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-572N antisense chr3	1.13E+08	1.13E+08	+	0.54	1.08
ENSG0000(ARGFXP1 processed_ chr5	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-225N antisense chr3	1.83E+08	1.83E+08	-	0	0
ENSG0000(PSMB9 protein_co chr6	32844136	32859585	+	14.82	16.86
ENSG0000(RPL21P42 processed_ chr3	1.54E+08	1.54E+08	+	0.17	0

ENSG0000(GPAA1P1	transcribed	chr2	1.1E+08	1.1E+08	+	0.79	1.17
ENSG0000(RPL9P30	processed	chr17	29855759	29856332	+	0	0
ENSG0000(RPS3AP22	processed	chr5	88381957	88382725	+	0.17	0
ENSG0000(MTND4LP1	processed	chr3	1.66E+08	1.66E+08	-	0	0
ENSG0000(RP11-657C	processed	chr3	1.35E+08	1.35E+08	-	0	0
ENSG0000(RPSAP12	processed	chr12	68552995	68553882	-	0	0
ENSG0000(BMS1P3	transcribed	chr10	86992253	87000435	+	0	0.27
ENSG0000(AC093627.	antisense	chr7	182935	194180	-	0	0
ENSG0000(RP11-88H1	lincRNA	chr3	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-85G2	processed	chr14	93223598	93224139	-	0	0
ENSG0000(RP11-641C	processed	chr3	60616822	60618079	+	0	0
ENSG0000(RN7SL351F	misc_RNA	chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-240G	processed	chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-846F.	unprocessed	chr17	22527324	22529570	+	0	0
ENSG0000(RN7SL146F	misc_RNA	chr19	16539688	16539984	-	0	0
ENSG0000(RP11-628J.	processed	chr3	1.04E+08	1.04E+08	-	0	0
ENSG0000(NCOR1P1	transcribed	chr20	26103416	26114028	-	0	0
ENSG0000(RN7SL303F	misc_RNA	chr8	22977877	22978127	+	0	0
ENSG0000(RPS27P20	processed	chr11	1.3E+08	1.3E+08	+	0	0
ENSG0000(FABP5P11	processed	chr22	16595089	16595485	-	0	0
ENSG0000(RPL23AP75	processed	chr17	40439467	40439917	-	0	0
ENSG0000(KRT18P43	processed	chr3	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-124D	processed	chr14	23229961	23230116	-	0	0
ENSG0000(ETF1P2	processed	chr7	1.52E+08	1.52E+08	+	0.04	0.04
ENSG0000(PSMD12P	unprocessed	chr3	72876737	72878102	-	0	0
ENSG0000(ERICH6-AS.	antisense	chr3	1.51E+08	1.51E+08	+	0.78	0.85
ENSG0000(EEF1GP4	processed	chr3	1.61E+08	1.61E+08	-	0	0
ENSG0000(RP4-753P9	3prime_ov	chrX	1.3E+08	1.3E+08	+	0	0
ENSG0000(RN7SL826F	misc_RNA	chr8	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-16N2	lincRNA	chr4	61143656	61153962	+	0.13	0.15
ENSG0000(COX6CP6	processed	chr3	70751123	70751350	+	0	0
ENSG0000(RP11-162C	processed	chr4	1.84E+08	1.84E+08	+	0	0
ENSG0000(RN7SL263F	misc_RNA	chr22	23261782	23262071	-	0	0
ENSG0000(RP11-745A	processed	chr15	60390371	60390682	+	0	0
ENSG0000(RPS7P7	processed	chr4	42471810	42472380	+	0	0
ENSG0000(RN7SL771F	misc_RNA	chr7	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-851N	processed	chr11	84639993	84640565	+	0	0
ENSG0000(MAGI1-AS.	antisense	chr3	65893816	65925297	+	0	0
ENSG0000(RPL26P3	processed	chr14	28489910	28490362	+	0	0
ENSG0000(RPL12P28	processed	chr10	5861805	5862594	-	0.45	0.75
ENSG0000(RN7SL297F	misc_RNA	chr2	1.12E+08	1.12E+08	+	0	0
ENSG0000(PCDHGC3	protein_co	chr5	1.41E+08	1.42E+08	+	49.58	51.18
ENSG0000(RN7SL633F	misc_RNA	chr22	31059989	31060285	+	0	0
ENSG0000(RN7SL621F	misc_RNA	chr8	33580210	33580508	-	0	0
ENSG0000(CYMP	transcribed	chr1	1.1E+08	1.1E+08	+	0.11	0

ENSG0000(AC010518. unprocessε	chr19	54294049	54294366	-	0	0
ENSG0000(ARHGEF3-/- antisense	chr3	56940040	56960854	+	0	0
ENSG0000(RN7SL520F misc_RNA	chr16	75698531	75698816	-	0	0
ENSG0000(RP11-269C processed_	chr14	30055210	30055954	+	0	0
ENSG0000(RN7SL223F misc_RNA	chr11	93556913	93557206	+	0	0
ENSG0000(RN7SL567F misc_RNA	chr3	42676189	42676491	-	0	0
ENSG0000(SMKR1 protein_co	chr7	1.3E+08	1.3E+08	+	0.77	0.6
ENSG0000(RN7SL865F misc_RNA	chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-379F antisense	chr3	1.59E+08	1.59E+08	+	2.43	2.83
ENSG0000(RP11-204K processed_	chr14	68338728	68339528	-	0	0
ENSG0000(RP11-758P antisense	chr7	1E+08	1E+08	+	0	0
ENSG0000(TRBV25OR unprocessε	chr9	33662166	33662663	+	0	0
ENSG0000(CPHL1P transcribec	chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-430C lincRNA	chr1	2.05E+08	2.05E+08	+	0.1	0.08
ENSG0000(UGT1A5 protein_co	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(ZNF542P transcribec	chr19	56368099	56379828	+	8.05	8.39
ENSG0000(COX19 protein_co	chr7	898778	975599	-	4.03	3.32
ENSG0000(RPS27P29 processed_	chr19	23597341	23597592	+	0	0
ENSG0000(RN7SL587F misc_RNA	chr14	77547566	77547846	-	0	0
ENSG0000(RN7SL794F misc_RNA	chr9	99185587	99185866	-	0	0
ENSG0000(HNRNPA1F processed_	chr3	1.22E+08	1.22E+08	+	0	0
ENSG0000(CTD-2182N processed_	chr8	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-112N processed_	chr15	59552615	59553093	-	0	0
ENSG0000(RP11-146D processed_	chr9	40264971	40329221	+	0.48	0
ENSG0000(RP11-314N lincRNA	chr3	78266940	78294731	+	0	0
ENSG0000(GAPDHP33 processed_	chr1	1.2E+08	1.2E+08	-	0.24	0
ENSG0000(RP11-167H processed_	chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(DEFA1B protein_co	chr8	6996766	6999195	-	0	0
ENSG0000(RN7SL541F misc_RNA	chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(FAR2P3 transcribec	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(B4GALT4-A antisense	chr3	1.19E+08	1.19E+08	+	0	0
ENSG0000(PSMC1P6 processed_	chr3	87630301	87631619	-	0	0
ENSG0000(RP11-62G1 processed_	chr3	69535664	69536693	-	0	0
ENSG0000(MOXD2P transcribec	chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RPL12P37 processed_	chr17	80976454	80976948	+	0	0
ENSG0000(RP11-200A processed_	chr8	1.05E+08	1.05E+08	+	0	0
ENSG0000(TCAM1P transcribec	chr17	63849292	63864379	+	0	0.06
ENSG0000(CTD-2062C processed_	chr5	41895068	41895599	+	0	0
ENSG0000(MEAF6P1 processed_	chr2	2.09E+08	2.09E+08	+	0	0
ENSG0000(GHRLOS antisense	chr3	10285754	10293449	+	0.13	0.07
ENSG0000(RP11-499P antisense	chr10	18513115	18545651	-	0.86	0.97
ENSG0000(RN7SKP24: misc_RNA	chr10	24908522	24908812	-	0	0
ENSG0000(AC010492. processed_	chr19	54268005	54269045	+	0	0
ENSG0000(RPL36AP4C processed_	chr11	25588475	25588795	-	0	1.03
ENSG0000(RN7SL187F misc_RNA	chr9	1.21E+08	1.21E+08	+	0	0

ENSG0000(RN7SL717F)	misc_RNA	chr2	2E+08	2E+08	-	0	0
ENSG0000(ACAD11)	protein_co	chr3	1.33E+08	1.33E+08	-	16.16	16.58
ENSG0000(RP11-1072)	processed_	chr17	44719760	44720597	-	0	0
ENSG0000(RN7SL100F)	misc_RNA	chr9	26895678	26895970	+	0	0
ENSG0000(MTCO1P6)	processed_	chr3	89588714	89590097	-	0	0
ENSG0000(LA16c-306)	processed_	chr16	3496201	3496768	+	0	0
ENSG0000(RN7SL764F)	misc_RNA	chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(RPS29P27)	processed_	chr19	39697904	39698073	+	0	0
ENSG0000(RN7SL481F)	misc_RNA	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RN7SL93P)	misc_RNA	chrX	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-841C)	processed_	chr12	19508904	19509245	+	0	0
ENSG0000(RP11-331F)	transcribec	chr16	75226074	75228197	+	0	0
ENSG0000(RPS2P5)	processed_	chr12	1.18E+08	1.18E+08	+	167.22	176.08
ENSG0000(PPIL3)	protein_co	chr2	2.01E+08	2.01E+08	-	23.77	22.27
ENSG0000(RN7SL35P)	misc_RNA	chr7	80318253	80318544	+	0	0
ENSG0000(AC017002)	lincRNA	chr2	1.11E+08	1.12E+08	+	2.73	1.83
ENSG0000(RP11-774I)	lincRNA	chr3	1.62E+08	1.62E+08	-	0	0
ENSG0000(AC004869)	lincRNA	chr7	46476457	46477940	-	0	0
ENSG0000(RPL23AP7)	transcribec	chr2	1.14E+08	1.14E+08	-	8.38	10.55
ENSG0000(UBL5P3)	processed_	chr3	63203218	63203448	-	0	0
ENSG0000(OR4G11P)	unprocessε	chr1	62948	63887	+	0	0
ENSG0000(RPL31P59)	processed_	chr18	3377916	3378247	-	0	0
ENSG0000(RPL36AP45)	processed_	chr15	75186651	75186968	-	0	0
ENSG0000(RPL13P5)	transcribec	chr12	6873389	6884741	+	2.83	3.05
ENSG0000(RPS4XP13)	processed_	chr11	57576292	57577080	-	0.08	0
ENSG0000(SEC62-AS1)	antisense	chr3	1.7E+08	1.7E+08	-	0	0
ENSG0000(RN7SL503F)	misc_RNA	chr1	35292196	35292498	-	0	0
ENSG0000(VPS26AP1)	processed_	chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-36C2)	processed_	chr5	33162179	33162807	+	0.44	0
ENSG0000(IGKV1-17)	IG_V_gene	chr2	89117342	89117844	-	0	0
ENSG0000(RPS29P20)	processed_	chr11	4018948	4019118	+	0	0
ENSG0000(LCE1F)	protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(CTD-2061E)	processed_	chr5	91354478	91354934	+	0	0
ENSG0000(RPL9P3)	processed_	chr14	35262462	35263036	+	0	0
ENSG0000(RP11-768G)	processed_	chr3	1.18E+08	1.18E+08	-	0	0
ENSG0000(RPL5P23)	processed_	chr8	42341767	42342634	-	0.14	0
ENSG0000(RP1-228P1)	transcribec	chr12	48054813	48055591	-	0.4	0.09
ENSG0000(AC012358)	antisense	chr2	55282350	55346049	+	0.91	0
ENSG0000(KIR3DL2)	protein_co	chr19	54850443	54867207	+	0	0
ENSG0000(RP11-142L)	processed_	chr3	81612790	81613075	+	0	0
ENSG0000(SAMMSON)	lincRNA	chr3	69999577	70015318	+	0.09	0.06
ENSG0000(MTATP8P1)	unprocessε	chr1	633535	633741	+	0	0
ENSG0000(RPL5P16)	processed_	chr5	82777797	82778586	+	0	0
ENSG0000(RPL5P15)	processed_	chr5	58822503	58823714	+	0	0
ENSG0000(CYCSP20)	processed_	chr7	1.29E+08	1.29E+08	-	0	0

ENSG0000(CTD-2013N processed_ chr19	16412684	16413576	+	0.07	0
ENSG0000(RP11-545E processed_ chr16	7126293	7126639	-	0	0
ENSG0000(LINC00636 lincRNA chr3	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-158N processed_ chr12	12568201	12568776	-	0	0
ENSG0000(RP11-356N processed_ chr4	76401251	76401569	+	0	0
ENSG0000(RPS26P34 processed_ chr8	81627269	81627617	+	0	0
ENSG0000(LRRFIP1P1 processed_ chr3	1.79E+08	1.79E+08	-	0.57	0.81
ENSG0000(KRTAP13-3 protein_co chr21	30425265	30425968	-	0	0
ENSG0000(RPS12P27 processed_ chr16	68209442	68209778	+	0	0
ENSG0000(RP11-9511 processed_ chr5	62575951	62576271	-	0	0
ENSG0000(OFD1P5Y unprocessε chrY	18582063	18629077	-	0	0
ENSG0000(RN7SL91P misc_RNA chrX	25060649	25060939	-	0	0
ENSG0000(AC007879. lincRNA chr2	2.07E+08	2.07E+08	-	0	0.28
ENSG0000(RP11-864J: processed_ chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(RPS10P20 transcribed chr12	48487946	48488408	+	0	0
ENSG0000(FOXO3B processed_ chr17	18670946	18672873	-	2.49	2.6
ENSG0000(RP4-584D1 antisense chr7	1.5E+08	1.5E+08	-	0.49	0.4
ENSG0000(CSPG4P1Y lincRNA chrY	25482908	25486705	+	0	0
ENSG0000(MTCO1P29 unprocessε chr3	1.21E+08	1.21E+08	+	0	0
ENSG0000(RPL39P26 processed_ chr11	13685499	13685656	-	0	0
ENSG0000(RN7SL472F misc_RNA chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-450H processed_ chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(RP11-477G processed_ chr4	1.12E+08	1.12E+08	-	0	0
ENSG0000(RPS19P3 processed_ chr14	34568689	34569129	-	0	0.4
ENSG0000(RN7SL346F misc_RNA chr15	90166233	90166526	+	0	0
ENSG0000(PHBP8 processed_ chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(RN7SL116F misc_RNA chr20	38872770	38873074	+	0	0
ENSG0000(LINC00973 lincRNA chr3	98981058	98983096	+	0.32	0.28
ENSG0000(RP11-63E1 processed_ chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-416C lincRNA chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(RPL29P2 transcribed chr17	7754320	7754976	+	0.17	0
ENSG0000(RN7SL38P misc_RNA chr12	24706788	24707083	+	0	0
ENSG0000(RP11-386N processed_ chr15	92719393	92719740	+	0	0
ENSG0000(RPL23AP54 processed_ chr8	5476548	5476966	+	0	0
ENSG0000(RP11-553L processed_ chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000(SETP14 processed_ chr3	1.56E+08	1.56E+08	+	0	0
ENSG0000(RN7SL277F misc_RNA chr1	19424384	19424671	+	0	0
ENSG0000(RPS12P28 processed_ chr17	28655557	28655983	+	0	0
ENSG0000(RP11-185E lincRNA chr3	1.71E+08	1.71E+08	+	0	0
ENSG0000(CDKN2B-A: antisense chr9	21994778	22121097	+	1.46	1.1
ENSG0000(RP5-1101C antisense chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(RN7SL837F misc_RNA chr1	2.31E+08	2.31E+08	+	0	0
ENSG0000(TNFRSF13E protein_co chr17	16929816	16972118	-	0	0
ENSG0000(RPL34P18 processed_ chr8	93957338	93957691	-	0	0
ENSG0000(MED28P2 processed_ chr3	1.49E+08	1.49E+08	-	0	0

ENSG0000(RP11-829H processed_ chr14	30819714	30819914	+	0	0
ENSG0000(RP11-515C processed_ chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-384C processed_ chr8	26771790	26772140	+	0	0
ENSG0000(UOX transcribed chr1	84363706	84397831	-	0	0.33
ENSG0000(RP11-680B antisense chr3	1.49E+08	1.49E+08	-	0	0.09
ENSG0000(RPL7AP10 processed_ chr19	21149648	21150438	-	0	0
ENSG0000(RP5-1061H transcribed chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RP11-429G sense_intr chr10	95833508	95873758	+	0	0
ENSG0000(RPL21P123 transcribed chr17	29716279	29716685	-	0	0
ENSG0000(RN7SL69P misc_RNA chr12	6095699	6095970	-	0	0
ENSG0000(RPL34P17 processed_ chr8	52313154	52313500	-	0	0
ENSG0000(CTD-2313F processed_ chr5	55021299	55042844	-	0.79	0.76
ENSG0000(RPL3P9 processed_ chr8	79571153	79572335	-	0	0
ENSG0000(TM4SF1-AS antisense chr3	1.49E+08	1.49E+08	+	0.09	0.38
ENSG0000(KRTAP9-1 protein_co chr17	41189887	41190639	+	0	0
ENSG0000(RN7SL492F misc_RNA chr4	56794348	56794642	-	0	0
ENSG0000(THOC7-AS1 antisense chr3	63860645	63861819	+	0	0
ENSG0000(RP1-184J9. antisense chr1	23020147	23088058	-	0	0
ENSG0000(RPL7AP58 processed_ chr11	29725764	29726565	+	0	0
ENSG0000(RP11-59J1 lincRNA chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(L1TD1 protein_co chr1	62194831	62212328	+	0.16	0.19
ENSG0000(AC010153. processed_ chrY	24650808	24651534	+	0	0
ENSG0000(LINC02067 lincRNA chr3	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-1008 processed_ chr3	68192398	68192580	+	0	0
ENSG0000(RP11-775D antisense chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-121C processed_ chr3	99326377	99326552	-	0	0
ENSG0000(RP11-354H lincRNA chr3	78087404	78092270	+	0	0
ENSG0000(RN7SL445F misc_RNA chr10	5631463	5631755	+	0	0
ENSG0000(TRBV22-1 TR_V_pseu chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-20L2. processed_ chr7	1.28E+08	1.28E+08	-	0	0
ENSG0000(AQP1 protein_co chr7	30911694	30925516	+	0.48	1.04
ENSG0000(RN7SL547F misc_RNA chr20	7633562	7633851	-	0	0
ENSG0000(RN7SL258F misc_RNA chr17	44409059	44409358	-	0	0
ENSG0000(RPSAP48 processed_ chr8	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-247I1 antisense chr22	31454251	31464204	+	0.15	0.12
ENSG0000(KCNAB1-AS antisense chr3	1.56E+08	1.56E+08	-	0	0
ENSG0000(RPL9P15 processed_ chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(AADACP1 transcribed chr3	1.52E+08	1.52E+08	+	5.73	4.37
ENSG0000(RN7SL564F misc_RNA chr6	1.23E+08	1.23E+08	+	0	0
ENSG0000(CTB-49A3.1 processed_ chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(RN7SL98P misc_RNA chr9	15525782	15526081	-	0	0
ENSG0000(RPS6P25 processed_ chr19	12894133	12894880	+	0.26	0.29
ENSG0000(OR2AO1P unprocess chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(RPL7P15 processed_ chr3	1.24E+08	1.24E+08	-	0.37	0
ENSG0000(RP11-45P1 processed_ chr14	1.03E+08	1.03E+08	+	0	0

ENSG0000(RN7SL403F)	misc_RNA	chr6	43036196	43036500	-	0	0
ENSG0000(RN7SL150F)	misc_RNA	chr19	33927364	33927625	-	0	0
ENSG0000(CTD-2312P)	processed	chr5	51275253	51275734	+	0	0
ENSG0000(RPL30P12)	processed	chr12	1.07E+08	1.07E+08	+	0	0
ENSG0000(SPATA31D)	transcribed	chr9	81913437	81919926	+	0	0
ENSG0000(RP11-1348)	processed	chr16	28813980	28814673	-	0.1	0
ENSG0000(RN7SL808F)	misc_RNA	chr4	1.15E+08	1.15E+08	+	0	0
ENSG0000(RN7SL666F)	misc_RNA	chr20	43222206	43222509	+	0	0
ENSG0000(RN7SL580F)	misc_RNA	chr6	51975673	51975959	+	0	0
ENSG0000(RN7SL305F)	misc_RNA	chr22	31981147	31981427	-	0	0
ENSG0000(SEPT7P4)	unprocessed	chr7	63241590	63248321	-	0	0
ENSG0000(RP11-832N)	processed	chr11	1.08E+08	1.08E+08	+	0	0
ENSG0000(C1QTNF9)	protein_coding	chr13	24307166	24322535	+	0	0.03
ENSG0000(RP11-174C)	transcribed	chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(RN7SL310F)	misc_RNA	chr18	50206998	50207278	-	0	0
ENSG0000(LSP1P2)	processed	chr3	75395188	75395320	+	0	0
ENSG0000(MME-AS1)	antisense	chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(AL450992)	unprocessed	chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(KRT8P36)	processed	chr3	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-555K)	processed	chr4	1.53E+08	1.53E+08	-	0	0
ENSG0000(IGKV1-8)	IG_V_gene	chr2	88992409	88992931	-	0	0
ENSG0000(AC006539)	processed	chr19	20079818	20080539	-	0	0
ENSG0000(RP11-366N)	processed	chr4	1.65E+08	1.65E+08	-	0.97	0.18
ENSG0000(MYL6P4)	processed	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(AC016831)	processed	chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(ISY1)	protein_coding	chr3	1.29E+08	1.29E+08	-	11.97	12.56
ENSG0000(RP11-521D)	lincRNA	chr2	9638772	9649439	+	0.15	0.17
ENSG0000(RN7SL538F)	misc_RNA	chr1	69879592	69879895	+	0	0
ENSG0000(PNMA2)	protein_coding	chr8	26504686	26514092	-	10.75	10.69
ENSG0000(RP11-102N)	processed	chr3	1.37E+08	1.37E+08	-	0	0
ENSG0000(RPS2P39)	processed	chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000(KLF7P1)	processed	chr3	1.71E+08	1.71E+08	-	0	0
ENSG0000(LINC01168)	lincRNA	chr10	1.33E+08	1.33E+08	+	0	0
ENSG0000(LINC02030)	lincRNA	chr3	55296200	55300738	+	0	0
ENSG0000(RP11-430C)	antisense	chr1	2.05E+08	2.05E+08	+	0	0
ENSG0000(RN7SL860F)	misc_RNA	chr19	22601485	22601707	+	0	0
ENSG0000(RN7SL851F)	misc_RNA	chr7	6047721	6048023	-	0	0.38
ENSG0000(LRRD1)	protein_coding	chr7	92112159	92179531	-	0	0.08
ENSG0000(RPS4XP15)	processed	chr12	87944885	87950819	+	0	0
ENSG0000(RN7SL382F)	misc_RNA	chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(RPS12P15)	processed	chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(CTD-2301A)	processed	chr5	1.77E+08	1.77E+08	+	0	0
ENSG0000(RP5-890O3)	sense_intronic	chr1	1317581	1318689	-	1.12	0.49
ENSG0000(RN7SL502F)	misc_RNA	chr6	36450912	36451201	-	0	0
ENSG0000(RP1-273G1)	processed	chr8	33859480	33860223	-	0	0

ENSG0000(RP11-69M: unprocessed)	chr12	7994770	7995084	-	0	0
ENSG0000(KRBOX1 protein_coding)	chr3	42809483	42942792	+	0	0
ENSG0000(RN7SL559F misc_RNA)	chr1	28031884	28032180	-	0	0
ENSG0000(RP11-553D processed)	chr3	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-588D processed)	chr3	78758974	78759374	+	0	0
ENSG0000(ERLEC1P1 processed)	chr21	14143581	14144158	+	0	0
ENSG0000(RP11-155G processed)	chr7	1.28E+08	1.28E+08	+	0.53	0.87
ENSG0000(RP11-25115 processed)	chr12	42678873	42679124	-	0	0
ENSG0000(RPL31P56 processed)	chr16	55352721	55353088	-	0	0
ENSG0000(AC098831. processed)	chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(PCDHGC5 protein_coding)	chr5	1.41E+08	1.42E+08	+	0.62	0.37
ENSG0000(PLCXD2-AS antisense)	chr3	1.12E+08	1.12E+08	-	0	0
ENSG0000(RN7SL288F misc_RNA)	chr13	46169458	46169748	-	0	0
ENSG0000(C21orf91-C lincRNA)	chr21	17763315	17792523	-	0	0
ENSG0000(ARHGFE25 protein_coding)	chr12	57610180	57619379	+	13.08	12.63
ENSG0000(RN7SL776F misc_RNA)	chr4	1.67E+08	1.67E+08	-	0	0
ENSG0000(RP11-359H processed)	chr3	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-170N processed)	chr4	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-435F processed)	chr3	1.14E+08	1.14E+08	-	0.15	0
ENSG0000(RP11-5801 lincRNA)	chr3	55610603	55613104	+	0	0
ENSG0000(RPL36AP21 transcribed)	chr5	18049232	18049872	+	0	0
ENSG0000(RP11-615J4 processed)	chr3	1.12E+08	1.12E+08	-	0	0
ENSG0000(AC073934. antisense)	chr7	1.28E+08	1.28E+08	-	0	0
ENSG0000(MTND4LP7 unprocessed)	chr9	92110575	92110868	+	0	0
ENSG0000(RP11-418B lincRNA)	chr3	1.63E+08	1.63E+08	+	0	0
ENSG0000(UBA52P8 processed)	chr16	48334471	48334854	-	0	0
ENSG0000(MTND2P14 unprocessed)	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(ATP8A2P1 transcribed)	chr10	37248118	37315801	+	0	0
ENSG0000(AC132217. 3prime_ov)	chr11	2129121	2129964	-	1.89	3.86
ENSG0000(RN7SL231F misc_RNA)	chr19	14213052	14213323	+	0	0
ENSG0000(NPM1P28 processed)	chr3	1.48E+08	1.48E+08	-	0	0
ENSG0000(CTD-3236F processed)	chr11	17137976	17138265	-	0	0.42
ENSG0000(RP11-550F processed)	chr3	76434018	76435428	+	0	0
ENSG0000(RP11-963H processed)	chr17	10745553	10746543	-	0	0
ENSG0000(RPL9P25 processed)	chr15	66379337	66379915	-	0.73	0
ENSG0000(RN7SL23P misc_RNA)	chr11	61444149	61444423	+	0	0
ENSG0000(MTND3P7 processed)	chr3	1.66E+08	1.66E+08	-	0	0
ENSG0000(RP11-227H processed)	chr3	98620065	98620618	+	0	0
ENSG0000(RPL21P4 processed)	chr17	43079302	43079780	+	0	0
ENSG0000(RN7SL77P misc_RNA)	chr14	70610086	70610379	+	0	0
ENSG0000(RP11-62G1 lincRNA)	chr3	69564106	69571122	-	0	0
ENSG0000(RPS15P9 processed)	chr19	1307401	1307719	-	0	0
ENSG0000(RN7SL497F misc_RNA)	chr15	41191965	41192265	-	0	0
ENSG0000(TMEM189 protein_coding)	chr20	50118254	50153734	-	17.38	15.9
ENSG0000(RN7SL328F misc_RNA)	chr9	1.32E+08	1.32E+08	-	0	0

ENSG0000(RP11-64K7 processed_ chr3	1.32E+08	1.32E+08	+	0	0
ENSG0000(RDH14 protein_co chr2	18554723	18560680	-	14.95	15.23
ENSG0000(AC093627. lincRNA chr7	149597	155465	+	1.08	0.58
ENSG0000(RP11-572F processed_ chr16	74552251	74552746	+	0	0
ENSG0000(RN7SL645F misc_RNA chr16	58199568	58199836	-	0	0
ENSG0000(IGKV1-16 IG_V_gene chr2	89099859	89100361	-	0	0
ENSG0000(C1QTNF9- antisense chr13	24315725	24321598	-	0	0
ENSG0000(RN7SL128F misc_RNA chr6	20421583	20421887	-	0	0
ENSG0000(RPL19P14 processed_ chr8	98782055	98782628	+	0	0
ENSG0000(KRTAP4-7 protein_co chr17	41084150	41085141	+	0	0
ENSG0000(RPS29P22 processed_ chr17	28116239	28116406	-	0	0
ENSG0000(CTD-2515H processed_ chr15	57555951	57556379	-	0	0
ENSG0000(LINC00886 lincRNA chr3	1.57E+08	1.57E+08	-	1.07	1.07
ENSG0000(RN7SL521F misc_RNA chr7	1.49E+08	1.49E+08	-	0.73	0
ENSG0000(RP11-713P processed_ chr11	23520322	23521202	+	0	0
ENSG0000(RP11-174C processed_ chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP13-635I2 sense_intr chr3	1.43E+08	1.43E+08	-	0	0
ENSG0000(NDUFB2-A1 antisense chr7	1.41E+08	1.41E+08	-	0.34	0.38
ENSG0000(RP11-65E2 processed_ chr3	1.32E+08	1.32E+08	+	0	0
ENSG0000(PLCXD2 protein_co chr3	1.12E+08	1.12E+08	+	0.09	0.46
ENSG0000(LINC02042 lincRNA chr3	1.13E+08	1.13E+08	-	0	0.05
ENSG0000(RP11-119D lincRNA chr3	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-48B1 processed_ chr17	3665220	3665702	+	0	0
ENSG0000(APOOP2 processed_ chr3	87594838	87595376	+	0	0
ENSG0000(RN7SL798F misc_RNA chr8	55980240	55980540	-	0	0
ENSG0000(RP11-274J processed_ chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000(RPL15P2 processed_ chr14	94800849	94801463	-	0	0
ENSG0000(RP11-659E antisense chr8	63013068	63014681	+	0	0
ENSG0000(RP11-400K processed_ chr8	53532908	53533704	+	0	0
ENSG0000(LSAMP-AS1 antisense chr3	1.16E+08	1.16E+08	+	0.13	0.14
ENSG0000(RPS20P31 processed_ chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(RN7SL209F misc_RNA chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(HIST2H2BB transcribec chr1	1.44E+08	1.44E+08	-	2.3	3.92
ENSG0000(RP11-925D processed_ chr15	58200606	58201018	+	0	0
ENSG0000(PLGLA transcribec chr2	1.06E+08	1.06E+08	+	0.4	0.47
ENSG0000(RN7SL554F misc_RNA chr6	6938606	6938897	-	0	0
ENSG0000(RN7SL591F misc_RNA chr10	62350006	62350297	+	0	0
ENSG0000(RP11-372E processed_ chr3	1.43E+08	1.43E+08	-	0	0
ENSG0000(MTCO2P6 processed_ chr3	89587886	89588570	-	0	0
ENSG0000(RPL4P1 processed_ chr14	21750269	21751546	+	0	0
ENSG0000(ST13P14 processed_ chr3	50876712	50877657	-	0	0
ENSG0000(RP11-521D processed_ chr2	9746704	9746869	+	0	0
ENSG0000(RN7SL415F misc_RNA chr6	91739609	91739897	+	0	0
ENSG0000(RP11-518L antisense chr1	2.44E+08	2.44E+08	-	0	0
ENSG0000(RN7SL751F misc_RNA chr3	78938009	78938292	-	0	0

ENSG0000(RN7SL681F misc_RNA chr4	87386883	87387174	-	0	0
ENSG0000(RPL23AP64 processed_ chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(MIF protein_co chr22	23894004	23895227	+	438.35	412.11
ENSG0000(RP11-458K lincRNA chr7	1.16E+08	1.16E+08	-	0	0
ENSG0000(RPS27AP1C processed_ chr5	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-313M processed_ chr11	39161453	39161967	+	0	0
ENSG0000(RN7SL283F misc_RNA chr2	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-79D8 processed_ chr9	79726069	79726321	+	5.87	9.61
ENSG0000(RP11-734K lincRNA chr2	9143166	9146106	+	0	0
ENSG0000(RP11-742D processed_ chr18	46722975	46723223	+	0	0
ENSG0000(HOXA11-A: antisense chr7	27184518	27189293	+	0	0
ENSG0000(RPL23AP67 processed_ chr12	1.33E+08	1.33E+08	+	0.16	0
ENSG0000(RPS23P4 processed_ chr4	1.45E+08	1.45E+08	-	0	0
ENSG0000(RN7SL459F misc_RNA chr12	19176288	19176589	-	0	0
ENSG0000(RP11-708H processed_ chr17	49148339	49149111	-	0	0
ENSG0000(RP11-80H5 lincRNA chr10	89694295	89697928	-	0	0.11
ENSG0000(RN7SL183F misc_RNA chr6	87845650	87845947	+	0	0
ENSG0000(RP11-119H processed_ chr4	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-22C1 processed_ chr8	94688228	94688610	+	0	0
ENSG0000(SEPT7P6 processed_ chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-494M processed_ chr11	7783697	7784407	+	0	0
ENSG0000(RP11-713C processed_ chr4	1.88E+08	1.88E+08	+	0	0
ENSG0000(RP11-244H processed_ chr1	34974356	34985313	-	2.15	1.92
ENSG0000(TPM3P9 transcribed chr19	53431984	53444670	+	2.63	1.47
ENSG0000(RCC2P5 processed_ chr3	96753185	96754671	+	0	0
ENSG0000(RP11-727A processed_ chr11	83213005	83213404	+	2.88	1.72
ENSG0000(NIPA2P2 processed_ chr3	75084155	75085237	+	0	0
ENSG0000(CTD-2036J unprocessed chr8	22389865	22390655	-	0	0
ENSG0000(RPL29P24 processed_ chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(RN7SL709F misc_RNA chr8	37908738	37909037	+	0	0
ENSG0000(RP11-689J: processed_ chr14	21398925	21399282	+	0	0
ENSG0000(RN7SL335F misc_RNA chr4	1.22E+08	1.22E+08	-	0	0
ENSG0000(RP11-145M lincRNA chr1	59054397	59056049	-	0	0
ENSG0000(GVQW1 protein_co chr9	32566789	32568621	+	0.25	0.63
ENSG0000(RPL7P43 processed_ chr12	76721534	76722286	+	0	0
ENSG0000(RP11-167H lincRNA chr3	1.5E+08	1.5E+08	-	0	0
ENSG0000(RPL23AP7C processed_ chr14	35144021	35144480	-	0	0
ENSG0000(RP5-1002M antisense chr20	20094401	20095684	-	0	0
ENSG0000(AC004985. transcribed chr7	43961590	43973323	-	0	0
ENSG0000(NSUN6 protein_co chr10	18545561	18659285	-	4.42	2.99
ENSG0000(CTD-2061E antisense chr5	91355380	91356026	+	0	0
ENSG0000(RPL5P1 processed_ chr15	24908932	24909825	-	0	0
ENSG0000(RN7SL110F misc_RNA chr3	15506623	15506905	-	0	0
ENSG0000(RPL17P40 processed_ chr16	16094192	16095209	-	0	0
ENSG0000(CTD-3141N transcribed chr19	53386233	53386388	+	1.21	0

ENSG0000(RP4-714D9 antisense chr1	1E+08	1E+08	-	0	0
ENSG0000(RN7SL813F misc_RNA chr2	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP11-488C processed_chr14	76886377	76886750	-	0	0.26
ENSG0000(RN7SL259F misc_RNA chr11	62935982	62936234	-	0	0
ENSG0000(RP11-344B lincRNA chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(RPL17P44 processed_chr18	62415678	62416227	+	0	0
ENSG0000(CYP51A1P1 processed_chr3	82806515	82808021	-	0	0
ENSG0000(RP11-864N processed_chr11	74738478	74738796	-	0	0
ENSG0000(LINC01994 lincRNA chr3	1.82E+08	1.82E+08	-	0	0
ENSG0000(PRICKLE2- antisense chr3	64103470	64106056	+	0	0
ENSG0000(RP11-286H processed_chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-398J processed_chr4	94369833	94370163	+	0	0
ENSG0000(CEACAMP1 transcribed chr19	43211791	43248646	-	0.24	0.31
ENSG0000(RP11-333A processed_chr8	70506251	70506818	-	0	0
ENSG0000(HLA-DOB protein_co chr6	32812763	32817048	-	0.16	0.15
ENSG0000(PRICKLE2- antisense chr3	64067964	64103131	+	0.01	0
ENSG0000(RPL29P14 processed_chr5	1.5E+08	1.5E+08	-	0.57	0
ENSG0000(AC008280 processed_chr2	54079974	54080280	-	0	0
ENSG0000(UGT1A9 protein_co chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(HMGN1P8 processed_chr3	1.68E+08	1.68E+08	-	0	0
ENSG0000(KRTAP10-5 protein_co chr21	44579455	44580604	-	0	0
ENSG0000(YAE1D1 protein_co chr7	39566376	39610320	+	8.77	10.69
ENSG0000(OR14A2 protein_co chr1	2.48E+08	2.48E+08	-	0	0
ENSG0000(RPL22P19 transcribed chr12	1.25E+08	1.25E+08	-	1.09	0.6
ENSG0000(RP11-507J processed_chr15	50798670	50798951	+	0	0
ENSG0000(LINC02032 lincRNA chr3	1.48E+08	1.48E+08	+	0	0
ENSG0000(BET1P1 processed_chr7	1.51E+08	1.51E+08	+	0	0
ENSG0000(LINC00881 lincRNA chr3	1.57E+08	1.57E+08	+	0	0.18
ENSG0000(PAICSP6 processed_chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(RPL32P9 transcribed chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(RN7SL728F misc_RNA chr4	1.02E+08	1.02E+08	-	0	0
ENSG0000(RPL7P41 processed_chr12	52885429	52886385	+	0	0
ENSG0000(RP11-561N protein_co chr7	63998874	64016130	+	0	0
ENSG0000(LINC02066 lincRNA chr3	1.52E+08	1.52E+08	+	0.24	0
ENSG0000(RN7SL720F misc_RNA chr9	17053901	17054204	+	0	0
ENSG0000(ARHGAP31 antisense chr3	1.19E+08	1.19E+08	-	0.11	0
ENSG0000(RN7SL582F misc_RNA chr3	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-3K24 processed_chr17	60245288	60245647	-	0	0
ENSG0000(ADAMTS9 antisense chr3	64561322	64592757	+	0	0
ENSG0000(RN7SL160F misc_RNA chr2	70965584	70965867	+	0	0
ENSG0000(RN7SL617F misc_RNA chr6	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC00877 lincRNA chr3	72035300	72279503	-	0	0
ENSG0000(RP11-1002 lincRNA chr3	1.63E+08	1.63E+08	+	0.54	0.85
ENSG0000(RP4-752I6 lincRNA chr1	27457198	27459582	+	0	0
ENSG0000(RP11-147I3 transcribed chr11	74876286	74920022	+	0	0.1

ENSG0000(RN7SL70P)	misc_RNA	chr19	18957957	18958258	-	0	0
ENSG0000(RN7SL570F)	misc_RNA	chr9	69884363	69884654	-	0	0
ENSG0000(RN7SL494F)	misc_RNA	chr15	50244628	50244931	-	0	0
ENSG0000(CTB-2L9.1)	processed	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-5407)	lincRNA	chr1	914171	914971	+	0	0
ENSG0000(RP11-106J)	processed	chr16	70079129	70079624	-	0	0
ENSG0000(RPL21P122)	transcribed	chr17	11998353	12021508	-	0.05	0
ENSG0000(TDGF1)	protein_co	chr3	46574534	46582463	+	0	0
ENSG0000(CTC-209L1)	processed	chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(RN7SL165F)	misc_RNA	chr1	26814822	26815112	+	0	0
ENSG0000(RN7SL191F)	misc_RNA	chrX	1.31E+08	1.31E+08	-	0	0
ENSG0000(ZNF736P7)	processed	chrY	7990987	7991806	-	0	0
ENSG0000(ZIC4-AS1)	antisense	chr3	1.47E+08	1.47E+08	+	0	0
ENSG0000(HMGN2P2)	processed	chr3	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP11-333A)	processed	chr8	70424125	70424576	-	0	0
ENSG0000(RP11-344N)	unprocessed	chrX	48276704	48277578	-	0	0
ENSG0000(IQCJ-SCHIP)	antisense	chr3	1.6E+08	1.6E+08	-	0	0
ENSG0000(LINC02024)	lincRNA	chr3	1.18E+08	1.18E+08	-	0	0
ENSG0000(SNAPC5P1)	transcribed	chr6	6347081	6347381	-	0	0
ENSG0000(RN7SL809F)	misc_RNA	chr12	56670450	56670746	-	0	0
ENSG0000(RP11-446H)	processed	chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-572M)	lincRNA	chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-292E)	lincRNA	chr3	1.53E+08	1.53E+08	+	0	0
ENSG0000(MTND4LP1)	unprocessed	chr2	2.03E+08	2.03E+08	+	0	0
ENSG0000(RN7SL39P)	misc_RNA	chr18	3571215	3571511	-	0	0
ENSG0000(FLJ22763)	protein_co	chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(NMTRS-TG)	unprocessed	chr17	22528853	22528921	-	0	0
ENSG0000(RN7SL836F)	misc_RNA	chr19	45651510	45651805	+	0	0
ENSG0000(RN7SL553F)	misc_RNA	chr3	5252926	5253223	-	0	0
ENSG0000(RPL12P31)	processed	chr11	35997226	35997675	-	0	0
ENSG0000(RN7SL443F)	misc_RNA	chr20	44007248	44007537	+	0	0
ENSG0000(RN7SL801F)	misc_RNA	chr5	54048007	54048308	-	0	0
ENSG0000(RP11-275H)	lincRNA	chr3	1.81E+08	1.81E+08	-	0	0
ENSG0000(KRTAP5-8)	protein_co	chr11	71538025	71539207	+	0	0.28
ENSG0000(KRTAP4-16)	protein_co	chr17	41101502	41102209	-	0	0
ENSG0000(RN7SL629F)	misc_RNA	chr5	87294189	87294473	-	0	0
ENSG0000(IGKV1D-16)	IG_V_gene	chr2	90100236	90100738	+	0	0
ENSG0000(RN7SL302F)	misc_RNA	chr9	1.25E+08	1.25E+08	+	0	0
ENSG0000(RN7SL727F)	misc_RNA	chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000(RPL17P20)	processed	chr4	56710060	56710614	+	0	0
ENSG0000(RP11-73B8)	processed	chr12	43560784	43561297	-	0	0
ENSG0000(RP1-89D4.)	processed	chr11	33237008	33237409	+	0	0
ENSG0000(RP11-397K)	processed	chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(CRCP)	protein_co	chr7	66114604	66154568	+	13.33	10.51
ENSG0000(RPL17P19)	processed	chr4	61211652	61212203	+	0	0

ENSG0000(AC093620. antisense	chr7	5419827	5420767	+	0.85	0.4
ENSG0000(ENPP7P4 unprocessε	chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-221J lincRNA	chr3	1.02E+08	1.02E+08	+	0.41	0.16
ENSG0000(RP11-364M processed_	chr4	1.47E+08	1.47E+08	-	0	0
ENSG0000(RPL34P33 processed_	chr19	22699352	22699685	+	0	0
ENSG0000(RPL29P25 processed_	chr12	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-379B processed_	chr3	1.26E+08	1.26E+08	-	4.45	3.75
ENSG0000(RN7SL791F misc_RNA	chr5	1.47E+08	1.47E+08	-	0	0
ENSG0000(PPATP1 processed_	chr3	87051192	87052738	-	0	0
ENSG0000(IGKV2-24 IG_V_gene	chr2	89176328	89177160	-	0	0
ENSG0000(ZBTB20-AS lincRNA	chr3	1.15E+08	1.15E+08	+	0	0
ENSG0000(ACTG1P13 processed_	chr3	99215224	99216266	-	0	0
ENSG0000(RP11-674E processed_	chr3	1.56E+08	1.56E+08	+	0	0
ENSG0000(WWTR1-AS antisense	chr3	1.5E+08	1.5E+08	+	0.58	0.69
ENSG0000(SUCLG2-AS lincRNA	chr3	67654697	67947713	+	0.8	0.85
ENSG0000(RP11-342M lincRNA	chr10	79504073	79506281	-	0	0
ENSG0000(WDR82P2 processed_	chr1	91534666	91535593	-	0	0
ENSG0000(SETP6 processed_	chr3	81612238	81612805	-	0	0
ENSG0000(CDRT1 protein_co	chr17	15565483	15619512	-	0.31	0.69
ENSG0000(RP5-921G1 lincRNA	chr7	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-807G sense_intrε	chr1	9983141	9984568	+	0	0
ENSG0000(LINC02070 lincRNA	chr3	86481943	86496996	+	0	0
ENSG0000(RN7SL385F misc_RNA	chr22	37669464	37669739	-	0	0
ENSG0000(RPL35AP33 processed_	chr16	68477237	68477570	-	0	0
ENSG0000(LINC01487 lincRNA	chr3	1.55E+08	1.55E+08	+	0	0
ENSG0000(RPL36A protein_co	chrX	1.01E+08	1.01E+08	+	613.21	646.42
ENSG0000(RPL21P47 processed_	chr4	62248294	62248770	+	0	0
ENSG0000(RP4-630C2 antisense	chr7	1.24E+08	1.24E+08	+	0	0
ENSG0000(SNRPCP11 processed_	chr3	1.26E+08	1.26E+08	-	0	0
ENSG0000(RN7SL466F misc_RNA	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(PMS2P11 transcribec	chr7	77011551	77015853	+	0	0
ENSG0000(IGKV3-11 IG_V_gene	chr2	89027171	89027731	-	0	0
ENSG0000(RP11-392P processed_	chr12	12850982	12851740	+	0	0
ENSG0000(PPP1R2P4 processed_	chr13	46437394	46437988	-	0	0
ENSG0000(RP11-1042 processed_	chr14	60602146	60602533	-	0	0
ENSG0000(OR5G3 polymorph	chr11	56819576	56820504	-	0	0
ENSG0000(RP11-758P antisense	chr7	1E+08	1E+08	+	0	0
ENSG0000(RP11-758I1 transcribec	chr3	1.46E+08	1.46E+08	-	0	0
ENSG0000(SYNPR-AS1 antisense	chr3	63423596	63550051	-	0	0
ENSG0000(PDXP protein_co	chr22	37658727	37666934	+	3.16	2.76
ENSG0000(SLC25A24P transcribec	chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(RPL36AP43 processed_	chr15	89687937	89688243	-	1.02	0.38
ENSG0000(RPL7AP23 processed_	chr3	82319172	82320279	-	0	0
ENSG0000(LINC01192 lincRNA	chr3	1.63E+08	1.63E+08	-	0	0
ENSG0000(RPP21 protein_co	chr6	30345131	30346884	+	24.04	25.6

ENSG0000(LINC01997 lincRNA chr3	1.69E+08	1.69E+08 +	0	0
ENSG0000(RP11-25D1 processed_chr8	1.1E+08	1.1E+08 -	0	0
ENSG0000(HNF1A-AS1 processed_chr12	1.21E+08	1.21E+08 -	0.43	0.31
ENSG0000(RN7SL234F misc_RNA chr6	1.49E+08	1.49E+08 +	0	0
ENSG0000(RN7SL205F misc_RNA chr4	1.32E+08	1.32E+08 -	0	0
ENSG0000(RN7SL344F misc_RNA chr1	2.12E+08	2.12E+08 -	0	0
ENSG0000(LINC00903 antisense chr3	1.17E+08	1.17E+08 +	0	0
ENSG0000(CD302 protein_co chr2	1.6E+08	1.6E+08 -	7.25	6.98
ENSG0000(RP11-764I5 processed_chr3	1.41E+08	1.41E+08 +	0	0
ENSG0000(EGFL8 protein_co chr6	32164583	32168281 +	2.47	3.6
ENSG0000(RN7SL515F misc_RNA chr13	41807677	41807973 +	0	0
ENSG0000(AC064852.3prime_ov chr2	2.33E+08	2.33E+08 -	0	0
ENSG0000(RP11-192C processed_chr4	1.35E+08	1.35E+08 -	0	0
ENSG0000(RN7SL441F misc_RNA chr12	1.1E+08	1.1E+08 -	0	0
ENSG0000(KRT8P13 processed_chr3	1.7E+08	1.7E+08 +	0	0
ENSG0000(MCRIP2P1 processed_chrX	1.32E+08	1.32E+08 -	0	0
ENSG0000(RN7SL505F misc_RNA chr7	33045798	33046090 -	0	0
ENSG0000(RPL21P103 processed_chr12	58244378	58244865 +	0	0
ENSG0000(EEF1A1P25 processed_chr3	1.39E+08	1.39E+08 +	0.28	0.29
ENSG0000(RPL37P6 transcribec chr8	56588385	56588787 +	0	0
ENSG0000(CTD-2224J1 transcribec chr19	53495887	53496037 +	0	0
ENSG0000(TDGF1P6 processed_chr3	1.36E+08	1.36E+08 +	0	0
ENSG0000(RP11-666A processed_chr3	1.26E+08	1.26E+08 +	0	0
ENSG0000(RP11-545G lincRNA chr7	1.5E+08	1.5E+08 +	0	0
ENSG0000(RPS27P22 processed_chr12	22722229	22722469 +	0	0
ENSG0000(RP4-555L1.antisense chr7	1.51E+08	1.51E+08 +	0	0
ENSG0000(PLSCR5-AS antisense chr3	1.47E+08	1.47E+08 +	0	0
ENSG0000(RPL7P19 processed_chr5	1.38E+08	1.38E+08 +	0	0
ENSG0000(RN7SL182F misc_RNA chr3	49083233	49083532 +	0	0
ENSG0000(RP11-579C processed_chr17	58897776	58899692 +	0	0
ENSG0000(RPL39P38 processed_chr19	18285343	18285495 -	0	0
ENSG0000(ATP5J2 protein_co chr7	99448475	99466331 -	246.63	234.29
ENSG0000(LINC00635 lincRNA chr3	1.08E+08	1.08E+08 -	0	0
ENSG0000(PTPRG-AS1 processed_chr3	62260865	62369330 -	0.94	0.6
ENSG0000(RP11-259P processed_chr3	1.81E+08	1.81E+08 +	0	0
ENSG0000(RP4-781K5 lincRNA chr1	2.35E+08	2.35E+08 +	0	0
ENSG0000(SSX2 protein_co chrX	52696896	52707189 -	0	0
ENSG0000(HSPA8P9 processed_chr3	1.38E+08	1.38E+08 +	0	0.03
ENSG0000(RP11-641D antisense chr3	1.69E+08	1.69E+08 +	0	0
ENSG0000(ARHGAP8 protein_co chr22	44752558	44862788 +	0	0.02
ENSG0000(RN7SL586F misc_RNA chr14	73040619	73040914 -	0	0
ENSG0000(AF011889.1 protein_co chrX	1.49E+08	1.5E+08 -	13.02	11.42
ENSG0000(RP11-553L antisense chr3	1.14E+08	1.14E+08 +	0.04	0.04
ENSG0000(RP11-274B processed_chr7	1.29E+08	1.29E+08 -	0	0
ENSG0000(RP11-796G processed_chr14	1.02E+08	1.02E+08 +	0	0

ENSG0000(RP11-85G2 processed_ chr14	93244010	93244323	+	0	0
ENSG0000(RP11-161I1 lincRNA chr1	1.9E+08	1.9E+08	+	0	0
ENSG0000(PSMC1P1 processed_ chr3	68635705	68637024	+	0.87	0
ENSG0000(RPS15AP24 processed_ chr8	30117384	30117779	-	0	0
ENSG0000(AC098820. antisense chr2	2.16E+08	2.16E+08	-	0.06	0
ENSG0000(RN7SL632F misc_RNA chr2	60831664	60831929	-	0	0
ENSG0000(AC108004. antisense chr17	404468	414023	-	0	0
ENSG0000(RP11-144C processed_ chr3	1.42E+08	1.42E+08	+	0	0
ENSG0000(CA15P1 unitary_ps chr22	19031564	19034564	-	0	0
ENSG0000(RN7SL767F misc_RNA chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(AGGF1P3 processed_ chr3	75653561	75654773	-	0	0
ENSG0000(CBX5P1 processed_ chr3	88095408	88095968	-	0	0
ENSG0000(RP11-624D processed_ chr3	72772539	72773471	+	0	0
ENSG0000(RP11-740N processed_ chr7	6924078	6924513	-	0	0
ENSG0000(RN7SL369F misc_RNA chr14	67705954	67706252	+	0	0
ENSG0000(LINC02029 lincRNA chr3	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-767L processed_ chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(ACTG1P20 processed_ chr1	27325329	27325796	+	0.5	0.55
ENSG0000(GUSBP2 transcribed chr6	26871484	26956554	-	1.46	1.37
ENSG0000(RN7SL41P misc_RNA chr8	80204606	80204902	+	0	0
ENSG0000(RN7SL58P misc_RNA chr5	18547312	18547605	+	0	0
ENSG0000(ARPC4 protein_co chr3	9792495	9807726	+	50.71	49.84
ENSG0000(RP11-490G processed_ chr12	95467397	95467861	-	0.35	0
ENSG0000(ZBTB20-AS antisense chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(RPL7P5 processed_ chr15	99551382	99552117	-	0	0
ENSG0000(CORT protein_co chr1	10449719	10451902	+	0.16	0.08
ENSG0000(IGKV2D-24 IG_V_gene chr2	90004797	90005629	+	0	0
ENSG0000(RN7SL338F misc_RNA chr9	35049271	35049563	+	0	0
ENSG0000(PAQR9-AS1 antisense chr3	1.43E+08	1.43E+08	+	0.09	0.45
ENSG0000(ATP5A1P7 processed_ chr9	62686912	62688190	+	0	0.05
ENSG0000(PRICKLE2- antisense chr3	64099273	64101122	+	0.1	0
ENSG0000(RP11-286H processed_ chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-523C sense_ovei chr10	48883955	48935213	-	0	0
ENSG0000(RPL23AP8 processed_ chr14	34694170	34694644	+	0	0
ENSG0000(RN7SL482F misc_RNA chr3	66323855	66324152	+	0	0
ENSG0000(RN7SL484F misc_RNA chr15	99791209	99791410	+	0	0
ENSG0000(RPL17P37 processed_ chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-372E processed_ chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-520D lincRNA chr3	81246579	81297345	-	0.24	0
ENSG0000(KRTAP9-4 protein_co chr17	41249687	41250653	+	0	0
ENSG0000(RP11-326J sense_intr chr3	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTD-2007H processed_ chr5	98954394	98954972	+	0.12	0
ENSG0000(KRTAP5-4 protein_co chr11	1620958	1622138	-	0	0
ENSG0000(RP11-34P1 lincRNA chr1	160446	161525	+	0	0
ENSG0000(RN7SL340F misc_RNA chr19	29233090	29233385	-	0	0

ENSG0000(RP11-357K unprocessed)	chrX	37441523	37442068	+	0.16	0.15
ENSG0000(RP13-585F processed)	chr4	19813749	19814231	+	0	0
ENSG0000(RN7SL618F misc_RNA)	chr13	53258077	53258372	+	0	0
ENSG0000(GOLGA2P6 unprocessed)	chr10	30364410	30374386	-	0	0
ENSG0000(RARRES2P1 processed)	chr3	75658534	75659014	+	0	0
ENSG0000(RN7SL18P misc_RNA)	chr2	62491178	62491468	+	0	0
ENSG0000(UBQLN4P1 processed)	chr3	1.49E+08	1.49E+08	-	0	0.04
ENSG0000(RN7SL316F misc_RNA)	chr17	30702504	30702775	-	0	0
ENSG0000(RP11-381E processed)	chr3	1.09E+08	1.09E+08	-	0.15	0.16
ENSG0000(UGT1A1 protein_co)	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(LINC01323 lincRNA)	chr3	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-59H7 processed)	chr15	59049399	59050385	-	0	0
ENSG0000(RPS23P6 processed)	chr16	12081237	12081902	+	0	0
ENSG0000(INMT protein_co)	chr7	30697985	30757602	+	4.58	5.25
ENSG0000(CADM2-AS antisense)	chr3	85799987	85828050	-	0	0
ENSG0000(RP11-214C processed)	chr4	1.28E+08	1.28E+08	-	0	0
ENSG0000(RN7SL253F misc_RNA)	chr4	1.73E+08	1.73E+08	+	0	0
ENSG0000(RPL19P18 processed)	chr17	9589902	9590482	-	0	0
ENSG0000(UBA52P7 processed)	chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000(TRBV11-2 lincRNA)	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(PPP1R2P6 processed)	chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(RN7SL418F misc_RNA)	chr3	69769487	69769773	-	0	0
ENSG0000(RP3-455J7 antisense)	chr1	1.68E+08	1.68E+08	-	0.07	0.02
ENSG0000(RP11-444P lincRNA)	chr3	69591341	69593121	+	0	0
ENSG0000(RPL19P11 processed)	chr5	31053565	31054153	+	0	0
ENSG0000(LINC01327 lincRNA)	chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(RPL23AP21 processed)	chr1	258568	259024	-	0	0
ENSG0000(RP11-529G processed)	chr3	1.53E+08	1.53E+08	-	0	0
ENSG0000(RPS27P12 processed)	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-732A processed)	chr11	6685891	6686369	-	0	0
ENSG0000(RP11-80H8 processed)	chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RPL31P49 processed)	chr12	1.1E+08	1.1E+08	+	0	0
ENSG0000(ADAMTS9- antisense)	chr3	64684909	65011468	+	1.34	1.24
ENSG0000(ARPC1A protein_co)	chr7	99325910	99366262	+	48.29	48.61
ENSG0000(RP5-860F1 protein_co)	chr20	2814968	2818066	+	0.07	0
ENSG0000(RN7SL704F misc_RNA)	chr22	38231720	38231993	+	0	0
ENSG0000(GM2AP1 processed)	chr3	1.46E+08	1.46E+08	+	0	0
ENSG0000(LINC02053 lincRNA)	chr3	1.8E+08	1.8E+08	+	0	0
ENSG0000(TMEFF1 protein_co)	chr9	1E+08	1.01E+08	+	1.43	1.99
ENSG0000(RN7SL265F misc_RNA)	chr7	73732569	73732868	-	0	0
ENSG0000(VWFP1 transcribed)	chr22	16690103	16704477	-	0	0
ENSG0000(RP4-735C1 antisense)	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(SUMO1P1 processed)	chr20	53875252	53875557	-	0	0
ENSG0000(RP11-255I1 processed)	chr4	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-113A processed)	chr3	1.58E+08	1.58E+08	-	0	0.37

ENSG000001AP001062. sense_ov	chr21	44328944	44330221	-	0	0	
ENSG000001FABP5P3	transcribed	chr7	1.52E+08	1.52E+08	+	0.41	0
ENSG000001FAM90A23	unprocessed	chr8	7579644	7582653	-	0	0
ENSG000001ZNF90P1	processed	chr3	1.01E+08	1.01E+08	+	0	0.03
ENSG000001CTD-2290C	processed	chr5	31840492	31840971	-	0.32	0.18
ENSG000001RPL7AP30	processed	chr4	1.13E+08	1.13E+08	-	0	0
ENSG000001XACT	lincRNA	chrX	1.14E+08	1.14E+08	-	0	0
ENSG000001RP11-399D	processed	chr12	1.01E+08	1.01E+08	-	0	0
ENSG000001RN7SL788F	misc_RNA	chr1	52150104	52150419	+	0	0
ENSG000001RP11-941H	processed	chr8	80265528	80266155	-	0	0
ENSG000001RPSAP52	transcribed	chr12	65758020	65826997	-	0.36	0.86
ENSG000001RP11-280H	lincRNA	chr3	1.03E+08	1.03E+08	-	0	0
ENSG000001IGKV1-9	IG_V_gene	chr2	89009982	89010515	-	0	0
ENSG000001RN7SL83P	misc_RNA	chr7	38531042	38531338	-	0	0
ENSG000001RN7SL714F	misc_RNA	chr14	98351367	98351664	-	0	0
ENSG000001AC002467.	antisense	chr7	1.08E+08	1.08E+08	-	1.47	2.07
ENSG000001RPS26P45	processed	chr12	69422656	69422995	+	0	0
ENSG000001LINC01324	lincRNA	chr3	1.65E+08	1.65E+08	-	0	0
ENSG000001LINC00893	antisense	chrX	1.5E+08	1.5E+08	-	4.88	5.8
ENSG000001RP11-555N	antisense	chr3	1.57E+08	1.57E+08	+	0	0
ENSG000001AC092620.	3prime_ov	chr2	1.39E+08	1.39E+08	+	0	0
ENSG000001RP11-651J.	processed	chr3	84691681	84692591	-	0	0
ENSG000001RP11-148C	unprocessed	chr3	1.09E+08	1.09E+08	-	0	0
ENSG000001RP11-91P2	processed	chr11	77868722	77869195	-	0	0
ENSG000001RN7SL390F	misc_RNA	chr12	54255627	54255910	-	0	0
ENSG000001MTND4P1	unprocessed	chr3	1.07E+08	1.07E+08	-	0	0
ENSG000001COX6B1P2	processed	chr17	48713730	48713959	+	0	0
ENSG000001RN7SL504F	misc_RNA	chr3	51872178	51872464	+	0	0
ENSG000001ENO1P4	processed	chr2	2.02E+08	2.02E+08	-	0.52	0.92
ENSG000001RN7SL817F	misc_RNA	chr2	46448224	46448511	-	0	0
ENSG000001RP11-501C	lincRNA	chr3	1.48E+08	1.48E+08	+	0	0
ENSG000001SPRR2A	protein_co	chr1	1.53E+08	1.53E+08	-	0	0
ENSG000001RP11-719N	processed	chr3	59535863	59536415	+	0	0
ENSG000001RN7SL319F	misc_RNA	chr15	75785134	75785354	+	0	0
ENSG000001RPS15AP3	processed	chr16	63350763	63351149	-	0	0
ENSG000001CTD-2207L	processed	chr5	52903908	52904478	+	0	0
ENSG000001HMGN2P1.	processed	chr3	1.53E+08	1.53E+08	+	0	0
ENSG000001RP11-124D	processed	chr3	96566357	96567103	+	0	0
ENSG000001RP11-1000	antisense	chr15	32656084	32673065	-	0	0
ENSG000001RN7SL170F	misc_RNA	chr20	56688401	56688695	+	0	0
ENSG000001RPL7P42	processed	chr12	68684595	68686308	+	0	0
ENSG000001RP11-277J.	processed	chr12	7860437	7860764	+	0	0
ENSG000001RPL21P54	processed	chr5	34883057	34883520	+	0	0
ENSG000001CECR3	lincRNA	chr22	17256859	17266733	-	0	0
ENSG000001RN7SL149F	misc_RNA	chr8	41840059	41840339	-	0	0

ENSG0000(ATP5O	protein_co	chr21	33903453	33915980	-	95.27	96.19
ENSG0000(LA16c-3G1	processed_	chr22	15721486	15722608	+	0	0
ENSG0000(PLEKHO2	protein_co	chr15	64841883	64868007	+	20.67	21
ENSG0000(RP11-318G	processed_	chr12	25409293	25409445	-	0	0
ENSG0000(C8orf58	protein_co	chr8	22599601	22604150	+	10.75	10.73
ENSG0000(RP11-147K	processed_	chr4	88163579	88163967	+	0	0
ENSG0000(ANOS2P	transcribec	chrY	13751656	13915824	+	0.03	0.11
ENSG0000(RP11-34P1	processed_	chr1	141474	173862	-	2.32	0.84
ENSG0000(GAPDHP50	processed_	chr3	89047442	89048434	-	0	0
ENSG0000(RN7SL401F	misc_RNA	chr18	73744935	73745232	+	0	0
ENSG0000(RN7SL434F	misc_RNA	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(RN7SL363F	misc_RNA	chr15	90855935	90856207	-	0	0
ENSG0000(CTB-14A14	processed_	chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(TOMM22P	processed_	chr3	1.62E+08	1.62E+08	-	0	0
ENSG0000(RP11-84H6	processed_	chr4	1.78E+08	1.78E+08	+	0	0
ENSG0000(PISD	protein_co	chr22	31618491	31662432	-	16.72	20.83
ENSG0000(KLF3P2	processed_	chr3	1.57E+08	1.57E+08	+	0	0
ENSG0000(U66059.58	lincRNA	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-637C	lincRNA	chr3	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP11-85I2I	lincRNA	chr3	67296300	67306359	+	0	0
ENSG0000(RP11-242C	sense_intr	chrX	30698207	30721932	+	0.38	0
ENSG0000(RPSAP37	processed_	chr5	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-435F	processed_	chr3	1.14E+08	1.14E+08	+	0.36	0.1
ENSG0000(RPL13P4	processed_	chr15	75388267	75388828	+	0	0
ENSG0000(RP11-226P	processed_	chr14	81777016	81777613	-	0	0
ENSG0000(TPT1P3	processed_	chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(NDUFS6P1	processed_	chr3	1.36E+08	1.36E+08	-	0	0
ENSG0000(RPS20P4	processed_	chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(TRBVB	TR_V_pseu	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-292E	lincRNA	chr3	1.53E+08	1.53E+08	+	0	0
ENSG0000(RPS29P21	processed_	chr17	59912197	59912366	+	0	0
ENSG0000(RP11-512N	processed_	chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(AC000370.	antisense	chr7	1.26E+08	1.26E+08	+	0	0
ENSG0000(RPL14P3	processed_	chr4	1.4E+08	1.4E+08	-	0	0
ENSG0000(MTCO1P55	processed_	chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-278L	processed_	chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-14K2	processed_	chr16	12881170	12881493	+	0	0
ENSG0000(RP11-755B	lincRNA	chr3	57693205	57696596	+	0.02	0.02
ENSG0000(HOGA1	protein_co	chr10	97584323	97612802	+	0.17	0.26
ENSG0000(RN7SL517F	misc_RNA	chr3	43314951	43315255	+	0	0
ENSG0000(RPL32P26	processed_	chr12	62658823	62659225	+	0	0
ENSG0000(RPS20P20	processed_	chr8	71895991	71896330	+	0	0
ENSG0000(RN7SL188F	misc_RNA	chr11	16576851	16577135	+	0	0
ENSG0000(PWP2	protein_co	chr21	44107290	44131181	+	3.24	4.61
ENSG0000(RP11-496B	processed_	chr3	1.81E+08	1.81E+08	-	0	0

ENSG0000(HNRNPA1F processed_ chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(RPL29P23 processed_ chr11	33190062	33190503	-	0	0
ENSG0000(RP1-149A1 lincRNA chr22	32383786	32385631	+	0	0
ENSG0000(CTC-340A1 antisense chr5	1.64E+08	1.65E+08	+	5.96	5.02
ENSG0000(RN7SL76P misc_RNA chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-7F18 processed_ chr8	67406515	67407072	+	0.13	0
ENSG0000(RP11-111H protein_co chr2	99141485	99322741	+	0.05	0.11
ENSG0000(RN7SL655F misc_RNA chr5	1.54E+08	1.54E+08	+	0	0
ENSG0000(RN7SL135F misc_RNA chr8	63234634	63234911	-	0	0
ENSG0000(RPS2P25 processed_ chr5	85762559	85763138	+	0	0
ENSG0000(PI4KA protein_co chr22	20707691	20859417	-	15.39	16.93
ENSG0000(ELOCP19 processed_ chr1	88829102	88829419	+	5.41	3.5
ENSG0000(AKAP2 protein_co chr9	1.1E+08	1.1E+08	+	70.81	65.48
ENSG0000(AF224669.. processed_ chr4	1.03E+08	1.03E+08	+	0	0
ENSG0000(RN7SL566F misc_RNA chr19	39369153	39369448	+	0.73	0.81
ENSG0000(RPL7AP2 processed_ chr14	39156742	39157852	+	0	0
ENSG0000(WWTR1-IT sense_intr chr3	1.5E+08	1.5E+08	-	0.18	0.19
ENSG0000(PRR34-AS1 antisense chr22	46053705	46057210	+	5.74	3.7
ENSG0000(RP11-9511 processed_ chr5	62561859	62562216	-	0	0
ENSG0000(RN7SL831F misc_RNA chr1	96583209	96583527	+	0	0
ENSG0000(RPL38P1 processed_ chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RN7SL323F misc_RNA chr8	56022019	56022313	-	0	0
ENSG0000(GS1-388B5 processed_ chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-359D lincRNA chr3	81840547	81922861	+	0	0
ENSG0000(RP11-338L lincRNA chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(RN7SL26P misc_RNA chr6	33540694	33541000	+	0	0
ENSG0000(ALG1L15P processed_ chr3	1.56E+08	1.56E+08	-	0	0
ENSG0000(KIR3DL3 protein_co chr19	54724479	54736536	+	0	0
ENSG0000(RN7SL68P misc_RNA chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-268G lincRNA chrX	27042907	27176298	-	0	0
ENSG0000(HYPK protein_co chr15	43796142	43803043	+	1	1.05
ENSG0000(RP11-457K lincRNA chr3	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-1396 processed_ chr4	9553614	9553985	-	0	0
ENSG0000(RP11-603B processed_ chr3	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-70F1 processed_ chr12	49863173	49863503	+	0	0
ENSG0000(LINC01743 lincRNA chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RP13-452N processed_ chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(DNAJB8-AS antisense chr3	1.28E+08	1.28E+08	+	0	0
ENSG0000(RPL10P7 processed_ chr3	1.2E+08	1.2E+08	-	0	0
ENSG0000(RPS4XP19 processed_ chr18	9020029	9020764	+	0	0
ENSG0000(RPS3AP49 processed_ chr18	60149576	60150365	+	0	0
ENSG0000(CTD-2555K processed_ chr14	22694098	22694535	-	0	0
ENSG0000(MARK2P6 processed_ chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RN7SL291F misc_RNA chrX	44772773	44773061	-	0	0
ENSG0000(RN7SL214F misc_RNA chr15	77916718	77916982	-	0	0

ENSG0000(RPL9P28 processed_ chr17	48691116	48691694	-	0	0
ENSG0000(RP11-259P processed_ chr3	1.81E+08	1.81E+08	-	0.1	0.17
ENSG0000(NPM1P17 processed_ chr3	1.38E+08	1.38E+08	+	0	0
ENSG0000(RPL7AP6 processed_ chr14	69885340	69886140	-	0.11	0
ENSG0000(RP11-458K lincRNA chr7	1.16E+08	1.16E+08	-	0	0
ENSG0000(AC006014. transcribec chr7	75474707	75486108	-	0	1.72
ENSG0000(IGKV1-33 IG_V_gene chr2	89266494	89268506	-	0	0
ENSG0000(RP11-738B lincRNA chr7	1.3E+08	1.3E+08	-	0	0
ENSG0000(RN7SL318F misc_RNA chr8	5142411	5142707	-	0	0
ENSG0000(CTC-550M processed_ chr5	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP1-90G24 antisense chr22	32205115	32269666	+	0	0
ENSG0000(RPL7AP31 processed_ chr4	56356135	56356932	+	0	0
ENSG0000(RPS20P33 processed_ chr14	1.05E+08	1.05E+08	+	0.52	1.15
ENSG0000(LINC00969 lincRNA chr3	1.96E+08	1.96E+08	+	15.33	17.01
ENSG0000(RPL36AP41 processed_ chr12	63871739	63872044	-	0	0
ENSG0000(AC090602. processed_ chr15	24910874	24911125	-	0	0
ENSG0000(FOXP1-IT1 sense_intr chr3	71570255	71574457	-	0	0.02
ENSG0000(RP11-64D2 processed_ chr3	1.52E+08	1.52E+08	-	0	0
ENSG0000(RPL9P32 processed_ chr19	29956369	29956988	-	0	0
ENSG0000(RN7SL416F misc_RNA chr7	1.01E+08	1.01E+08	-	0	0
ENSG0000(RN7SL152F misc_RNA chr4	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-10G1 processed_ chr3	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-340E transcribec chr3	1.42E+08	1.42E+08	+	0	0.05
ENSG0000(LINC01100 lincRNA chr3	1.6E+08	1.6E+08	+	0	0
ENSG0000(NPM1P23 transcribec chr3	24096512	24097360	-	0	0
ENSG0000(AMACR protein_co chr5	33986178	34008108	-	7.04	7.7
ENSG0000(TOPORSLP transcribec chr9	1.04E+08	1.04E+08	+	0	0.07
ENSG0000(RN7SL124F misc_RNA chr2	1.51E+08	1.51E+08	+	0	0.44
ENSG0000(MTFP1 protein_co chr22	30425530	30429053	+	4.84	3.94
ENSG0000(RN7SL201F misc_RNA chr2	81967079	81967374	+	0	0
ENSG0000(RP11-312P processed_ chr3	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-231I1 protein_co chr3	70196894	70312726	-	0	0
ENSG0000(RN7SL267F misc_RNA chr2	1.82E+08	1.82E+08	+	0	0
ENSG0000(RP11-51L5. processed_ chr17	62319884	62320189	+	0	0
ENSG0000(SNHG3 sense_intr chr1	28505980	28510892	+	10.17	10.77
ENSG0000(RPL5P13 processed_ chr4	1.42E+08	1.42E+08	-	0	0
ENSG0000(RPL17P2 processed_ chr14	60212462	60212912	-	0	0
ENSG0000(RP11-734K processed_ chr2	9103440	9105114	+	0	0
ENSG0000(RPL11P5 processed_ chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-262M processed_ chr3	1.81E+08	1.81E+08	+	0	0
ENSG0000(SERBP1P3 processed_ chr3	53064283	53065091	-	0	0
ENSG0000(RP11-520D lincRNA chr3	81208193	81208914	-	0	0
ENSG0000(RP13-463N lincRNA chr10	5594991	5596118	-	0	0
ENSG0000(RPS10P7 transcribec chr1	2.02E+08	2.02E+08	+	0.18	0.41
ENSG0000(DYNLL1P5 processed_ chr3	1.55E+08	1.55E+08	+	0	0

ENSG0000(RP11-639F)	processed_chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(OFD1P6Y)	transcribed_chrY	18674033	18739197	+	0	0
ENSG0000(RP4-778K6)	antisense_chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(AC000041)	unprocessed_chr22	29419155	29423193	-	7.48	13.24
ENSG0000(RN7SL361F)	misc_RNA_chr2	60640705	60641002	+	0	0
ENSG0000(ABCF2P1)	processed_chr3	88317156	88319022	+	0	0.07
ENSG0000(RP11-128A)	processed_chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-299L)	processed_chr14	81332961	81333361	-	0	0
ENSG0000(RN7SL222F)	misc_RNA_chr11	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-219G)	processed_chr4	1.88E+08	1.88E+08	-	0	0
ENSG0000(RN7SL329F)	misc_RNA_chr8	1.25E+08	1.25E+08	+	0	0
ENSG0000(ARHGDIG)	protein_coding_chr16	268727	283010	+	0.6	0.73
ENSG0000(RN7SL127F)	misc_RNA_chr4	78898855	78899154	+	0	0
ENSG0000(RPL39P31)	processed_chr16	71991151	71991305	-	0	0
ENSG0000(MTND4P17)	processed_chr3	1.66E+08	1.66E+08	-	0	0
ENSG0000(OR51B5)	protein_coding_chr11	5342586	5343524	-	0	0
ENSG0000(RN7SL745F)	misc_RNA_chr18	23004564	23004862	+	0	0
ENSG0000(AC002523)	unprocessed_chrX	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-142L)	lincRNA_chr3	81762706	81764756	-	0	0
ENSG0000(RP11-568K)	transcribed_chr1	1.78E+08	1.78E+08	-	5.26	4.73
ENSG0000(SRRM1P2)	processed_chr3	83937045	83938236	+	0	0
ENSG0000(RP11-588L)	processed_chr4	40491733	40492024	+	0	0
ENSG0000(CTD-2235C)	processed_chr5	75374463	75374809	+	0	0
ENSG0000(RP11-71H1)	processed_chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(RN7SL215F)	misc_RNA_chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(RPS26P35)	processed_chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(HOXB-AS4)	antisense_chr17	48628675	48634932	+	0	0
ENSG0000(RPL5P29)	processed_chr11	56357328	56358221	+	0	0
ENSG0000(AC006445)	processed_chr4	13647697	13648400	-	0	0
ENSG0000(MTND3P6)	unprocessed_chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(RN7SL97P)	misc_RNA_chr18	25818234	25818532	-	0	0
ENSG0000(TCP10L)	protein_coding_chr21	32574841	32587373	-	0.05	0.2
ENSG0000(PSG2)	protein_coding_chr19	43064211	43083045	-	0	0
ENSG0000(RP11-237P)	processed_chr3	1.36E+08	1.36E+08	+	0	0
ENSG0000(RPS3AP14)	processed_chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RN7SL594F)	misc_RNA_chr20	25654595	25654881	-	0	0
ENSG0000(RN7SL306F)	misc_RNA_chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(PVRL3-AS1)	antisense_chr3	1.11E+08	1.11E+08	-	0	0.27
ENSG0000(ATP5G1P3)	processed_chr3	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-331C)	processed_chr6	1.54E+08	1.54E+08	+	0	0
ENSG0000(ARFGAP3)	protein_coding_chr22	42796502	42858106	-	16.35	18.09
ENSG0000(RPL7AP57)	processed_chr11	92161106	92161889	+	0	0
ENSG0000(RN7SL20P)	misc_RNA_chr22	31757202	31757498	+	0	0
ENSG0000(BGLAP)	protein_coding_chr1	1.56E+08	1.56E+08	+	0.08	0.18
ENSG0000(RPL39P34)	transcribed_chr19	52564076	52564231	+	0	0

ENSG0000(RN7SL57P)	misc_RNA	chr9	1.12E+08	1.12E+08	-	0	0
ENSG0000(LINC00996)	lincRNA	chr7	1.5E+08	1.5E+08	+	0	0.17
ENSG0000(C22orf39)	protein_co	chr22	19351368	19448232	-	13.15	15.17
ENSG0000(RP11-62J1)	processed	chr7	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-100N)	processed	chr4	47706372	47706987	+	0	0
ENSG0000(PEG10)	protein_co	chr7	94656325	94669695	+	16.42	20.1
ENSG0000(RN7SL456F)	misc_RNA	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(SKINT1L)	transcribec	chr1	48096092	48182428	-	0.45	0
ENSG0000(LINC02082)	lincRNA	chr3	1.69E+08	1.69E+08	+	0	0
ENSG0000(AK2P2)	processed	chr2	31823413	31823817	-	0	0
ENSG0000(RPL5P3)	processed	chr15	71063101	71063989	-	0	0
ENSG0000(RP11-382N)	processed	chr16	5270174	5270954	+	0	0
ENSG0000(RP11-659G)	processed	chr11	82957423	82958216	+	0	0
ENSG0000(SLC16A1P1)	processed	chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(RN7SL159F)	misc_RNA	chr9	1.29E+08	1.29E+08	-	0	0
ENSG0000(AC108488)	lincRNA	chr2	3531813	3536873	-	4.89	4.4
ENSG0000(RPL6P8)	processed	chr3	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-464F)	processed	chr10	73674295	73730466	-	0.44	0
ENSG0000(ZBTB20-AS)	lincRNA	chr3	1.14E+08	1.15E+08	+	0	0
ENSG0000(RPL36AP51)	processed	chr19	21233335	21233652	+	0	0
ENSG0000(CTD-2282P)	processed	chr5	36588506	36588661	+	0	0
ENSG0000(RPS29P1)	processed	chr14	69023150	69023308	-	0	0
ENSG0000(STAG3L5P)	transcribec	chr7	1E+08	1E+08	+	4.28	5.72
ENSG0000(RP11-522B)	processed	chr15	96448154	96448493	+	0	0
ENSG0000(DEFB109P1)	unprocessε	chr8	12393209	12400366	-	0	0
ENSG0000(RP11-234A)	processed	chr3	1.02E+08	1.02E+08	-	0	0
ENSG0000(RPS26P52)	processed	chr16	13922332	13922679	-	0	0
ENSG0000(RP11-572C)	unprocessε	chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(RPL12P32)	processed	chr12	31948334	31948827	+	0	0
ENSG0000(RN7SL685F)	misc_RNA	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-875H)	lincRNA	chr3	55493830	55505261	-	0	0
ENSG0000(RP11-810D)	processed	chr4	98409290	98409763	+	0	0
ENSG0000(RPL21P126)	processed	chr18	55635833	55636310	+	0	0
ENSG0000(RPL23AP4C)	processed	chr3	1.39E+08	1.39E+08	+	0	0
ENSG0000(RP4-576H2)	unprocessε	chr20	1516759	1557653	-	0	0
ENSG0000(RPS12P31)	processed	chr19	32636078	32636475	+	0	0
ENSG0000(RP11-12N1)	processed	chr3	1.66E+08	1.66E+08	-	0	0
ENSG0000(CTD-2184D)	processed	chr15	52095295	52095747	+	0	0
ENSG0000(RP11-59H1)	processed	chr12	12840804	12841079	-	0	0
ENSG0000(RN7SL683F)	misc_RNA	chr14	71448689	71448958	+	0	0
ENSG0000(TFP1)	transcribec	chr3	1.34E+08	1.34E+08	+	0.24	0.3
ENSG0000(BMS1P4)	transcribec	chr10	73715843	73730469	-	0.32	0.08
ENSG0000(LINC02025)	lincRNA	chr3	84884936	84893379	+	0	0
ENSG0000(RN7SL646F)	misc_RNA	chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000(RN7SL561F)	misc_RNA	chr20	1666360	1666640	+	0	0

ENSG0000(NPPA-AS1 antisense chr1	11841017	11848079	+	0.72	1.66
ENSG0000(FAM91A3P transcribed chr1	1.44E+08	1.44E+08	+	0	0.05
ENSG0000(RPL12P30 processed_ chr11	30368148	30368646	+	0	0
ENSG0000(RPS21P4 processed_ chr4	16256308	16256555	-	0	0
ENSG0000(RN7SL272F misc_RNA chr13	27989296	27989584	-	0	0
ENSG0000(CT47A2 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-451J processed_ chr3	73648399	73648807	-	0	0
ENSG0000(NDUFA5P5 processed_ chr3	88601061	88601402	+	0	0
ENSG0000(UGT1A8 protein_co chr2	2.34E+08	2.34E+08	+	0.04	0.06
ENSG0000(KCNAB1-AS antisense chr3	1.56E+08	1.56E+08	-	0	0
ENSG0000(IGKV1-39 IG_V_gene chr2	89319625	89320146	-	0	0
ENSG0000(EIF6 protein_co chr20	35278907	35284985	-	60.48	59.64
ENSG0000(RP11-498P lincRNA chr9	97195351	97197687	-	0	0
ENSG0000(RN7SL741F misc_RNA chr13	25944478	25944766	+	0	0
ENSG0000(LINC00901 antisense chr3	1.17E+08	1.17E+08	+	0	0
ENSG0000(HIST1H2AP transcribed chr6	25882026	25882395	-	0	0
ENSG0000(RBMY1E protein_co chrY	21903618	21918067	-	0	0
ENSG0000(RPL6P9 processed_ chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP4-631H1 antisense chr1	52881216	52881730	-	0	0
ENSG0000(AC010141. unprocessed chrY	21508299	21510470	-	0	0
ENSG0000(RP11-67L3. antisense chr1	54886875	54888001	+	0.12	0
ENSG0000(RN7SL800F misc_RNA chr17	62005737	62006016	-	0	0
ENSG0000(RPS20P23 processed_ chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-267J processed_ chr12	12155262	12155772	+	0	0
ENSG0000(CTD-2377D lincRNA chr17	48733091	48733888	+	0	0
ENSG0000(CTD-2086L processed_ chr19	56217168	56217777	-	0.11	0
ENSG0000(DBIL5P2 transcribed chr2	63117851	63119542	-	0	0.04
ENSG0000(RP11-286B processed_ chr14	48489883	48490434	+	0	0
ENSG0000(PCDHGC4 protein_co chr5	1.41E+08	1.42E+08	+	0.08	0.11
ENSG0000(RPL12P36 processed_ chr16	58825891	58826368	+	0	0
ENSG0000(C3orf67-AS antisense chr3	58824437	59019093	+	0	0
ENSG0000(RN7SL274F misc_RNA chr16	14601823	14602094	-	0	3.52
ENSG0000(RP11-731J processed_ chr4	47490967	47491471	-	0	0
ENSG0000(UPK3BP1 transcribed chr7	77004662	77005774	+	0	0
ENSG0000(RN7SL789F misc_RNA chr19	32655016	32655308	-	0	0
ENSG0000(CTD-2349P processed_ chr17	30830901	30831318	+	0	0
ENSG0000(LINC02046 lincRNA chr3	1.48E+08	1.48E+08	+	0	0
ENSG0000(GTF2A1L protein_co chr2	48617798	48733148	+	0.16	0
ENSG0000(RP11-320N transcribed chr12	4109661	4118132	-	0.13	0
ENSG0000(RPL7AP11 processed_ chr3	1.21E+08	1.21E+08	+	0	0
ENSG0000(MTCO3P38 processed_ chr3	1.66E+08	1.66E+08	-	0	0
ENSG0000(RBBP4P2 processed_ chr3	94075912	94077175	-	0	0
ENSG0000(RPS15AP32 processed_ chr12	1.13E+08	1.13E+08	+	0	0
ENSG0000(IGHJ5 IG_J_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(KIR2DP1 unprocessed chr19	54755023	54767371	+	0	0

ENSG0000(AC093627. lincRNA	chr7	135853	149466	-	0.35	0.94
ENSG0000(CTD-2161E processed_	chr5	86884231	86884881	-	0	0
ENSG0000(RP11-383G processed_	chr3	1.42E+08	1.42E+08	+	0.06	0
ENSG0000(RN7SL392F misc_RNA	chr1	67656831	67657129	-	0	0
ENSG0000(RN7SL293F misc_RNA	chr8	11379395	11379675	+	0	0
ENSG0000(MRPL20 protein_co	chr1	1401908	1407313	-	43.6	41.49
ENSG0000(RP11-270N transcribec	chr14	75838157	75839114	-	0.06	0
ENSG0000(RN7SL37P misc_RNA	chr5	37246173	37246479	-	0	0
ENSG0000(ARPIN protein_co	chr15	89895006	89912956	-	5.97	5.69
ENSG0000(RP3-477O4 transcribec	chr20	35520852	35528255	-	0	0
ENSG0000(RN7SL156F misc_RNA	chr20	36870099	36870402	+	0	0
ENSG0000(NDUFB4P1 processed_	chr3	67513940	67514320	+	0	0
ENSG0000(LINC01206 lincRNA	chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(UGT1A10 protein_co	chr2	2.34E+08	2.34E+08	+	0.08	0
ENSG0000(LINC00960 lincRNA	chr3	75672391	75679303	+	0.04	0
ENSG0000(MAGEA5 transcribec	chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000(KLHL6-AS1 antisense	chr3	1.84E+08	1.84E+08	+	1.3	0.36
ENSG0000(OR2U2P unprocessε	chr6	29268462	29269421	-	0	0
ENSG0000(OR7E100P unprocessε	chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-159H processed_	chr11	27483850	27484128	+	0	0
ENSG0000(AHCYP8 processed_	chr1	2.49E+08	2.49E+08	-	0	1.75
ENSG0000(RP11-299J: unprocessε	chr3	1.22E+08	1.22E+08	-	0	0
ENSG0000(IGKV2D-28 IG_V_gene	chr2	89959979	89960754	+	0	0
ENSG0000(RP11-290K lincRNA	chr3	1.58E+08	1.58E+08	-	0	0
ENSG0000(MRE11P1 processed_	chr3	1.56E+08	1.56E+08	-	0	0
ENSG0000(AC007620. antisense	chr3	1.79E+08	1.79E+08	+	0.52	0.23
ENSG0000(AC010729. 3prime_ov	chr2	5696220	5708095	+	0	0.16
ENSG0000(RP11-719N lincRNA	chr3	59464330	59510678	-	0	0
ENSG0000(RN7SL169F misc_RNA	chr5	64539504	64539792	+	0	0
ENSG0000(SERPINB10 protein_co	chr18	63897174	63936111	+	0.17	0
ENSG0000(POU5F1P6 unprocessε	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(MRPL42P4 processed_	chr7	47026128	47026570	-	0	0
ENSG0000(AP001432. lincRNA	chr21	37221419	37237744	+	0	0.16
ENSG0000(RN7SL144F misc_RNA	chrX	41683168	41683462	-	0	0
ENSG0000(RN7SL797F misc_RNA	chr6	96282567	96282863	+	0	0
ENSG0000(ATP5LP5 processed_	chr3	1.53E+08	1.53E+08	-	0	0
ENSG0000(DCAF13P1 processed_	chr7	1.06E+08	1.06E+08	+	0	0
ENSG0000(RN7SL372F misc_RNA	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-875H lincRNA	chr3	55335462	55350915	-	0	0
ENSG0000(RPL21P11 processed_	chr14	90366697	90367179	-	0.16	0
ENSG0000(ACTR3P3 processed_	chr3	1.01E+08	1.01E+08	+	0	0
ENSG0000(HLA-DMB protein_co	chr6	32934629	32941070	-	1.07	0.49
ENSG0000(AC012501. transcribec	chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-469J: lincRNA	chr3	1.7E+08	1.7E+08	+	0.1	0.11
ENSG0000(IGKV1D-43 IG_V_gene	chr2	90209873	90210529	+	0	0

ENSG0000(RP11-379K processed_ chr3	1.7E+08	1.7E+08 +	0	0
ENSG0000(RP11-481N unprocessε chr3	80442081	80442305 +	0	0
ENSG0000(RP11-274B processed_ chr7	1.29E+08	1.29E+08 +	4.29	4.59
ENSG0000(RP11-5407 sense_intrε chr1	1055033	1056116 +	0	0
ENSG0000(RP5-921G1 antisense_ chr7	1.24E+08	1.24E+08 +	0	0
ENSG0000(RPL26P26 processed_ chr8	58113189	58113622 -	0	0
ENSG0000(MED28P8 processed_ chr1	81557121	81557832 -	0	0
ENSG0000(CSAG4 transcribec chrX	1.53E+08	1.53E+08 +	0	0
ENSG0000(MBL1P transcribec chr10	79920178	79923119 +	0.12	0.04
ENSG0000(CTD-2339N processed_ chr5	72878868	72879185 -	0	0
ENSG0000(RPS3AP34 processed_ chr8	12570350	12571130 -	0	0
ENSG0000(RPS23P5 processed_ chr5	13250235	13250662 -	0	0
ENSG0000(RP11-398A processed_ chr3	72086888	72087725 +	0	0
ENSG0000(OR5BH1P processed_ chrX	1.31E+08	1.31E+08 -	0	0
ENSG0000(AC093627. lincRNA_ chr7	77038	81178 +	0.13	0.19
ENSG0000(DECR2 protein_co chr16	401826	412487 +	8.57	9.02
ENSG0000(RP11-174C processed_ chr3	1.2E+08	1.2E+08 +	0	0
ENSG0000(RN7SL164F misc_ RNA_ chr13	96169545	96169847 +	0	0
ENSG0000(CTC-359D2 transcribec chr19	12141806	12143322 -	0.87	0.46
ENSG0000(GNG10 protein_co chr9	1.12E+08	1.12E+08 +	17.1	15.34
ENSG0000(RP11-433A lincRNA_ chr3	72202944	72209892 -	0	0
ENSG0000(RP11-18H7 lincRNA_ chr3	1.2E+08	1.2E+08 +	1.32	1.05
ENSG0000(AC009228. antisense_ chr2	24214381	24221516 +	0.19	0.7
ENSG0000(RPS24P16 processed_ chr15	67232446	67232837 +	0	0
ENSG0000(RPS14P7 processed_ chr4	1.61E+08	1.61E+08 +	0	0
ENSG0000(RPL21P129 processed_ chr19	7750684	7751161 +	0	0
ENSG0000(RN7SL294F misc_ RNA_ chr3	75182754	75183048 -	0	0
ENSG0000(RPS29P11 processed_ chr4	25678850	25679020 +	0	0
ENSG0000(LINC00971 lincRNA_ chr3	84638406	84881679 -	0	0
ENSG0000(RN7SL292F misc_ RNA_ chr7	51716657	51716922 +	0	0
ENSG0000(RN7SL862F misc_ RNA_ chr18	9830330	9830627 -	0	0
ENSG0000(RN7SL132F misc_ RNA_ chr7	34753424	34753719 +	0	0
ENSG0000(RPL32P14 processed_ chr5	19041009	19041386 +	0	0
ENSG0000(RN7SL581F misc_ RNA_ chrX	70222006	70222314 -	0	0.37
ENSG0000(RP11-271C lincRNA_ chr3	1.14E+08	1.14E+08 -	0	0
ENSG0000(RP11-1094 processed_ chr17	35566517	35566672 +	0	0
ENSG0000(RPS3AP43 processed_ chr12	8359054	8359834 -	0	0
ENSG0000(RP11-745A processed_ chr15	60404463	60404960 +	0	0
ENSG0000(RN7SL317F misc_ RNA_ chr19	53629713	53630041 +	0	0
ENSG0000(RPL22P13 processed_ chr4	54221126	54221472 +	0	0
ENSG0000(LINC02010 lincRNA_ chr3	1.47E+08	1.47E+08 +	0	0
ENSG0000(RN7SL167F misc_ RNA_ chr11	1.31E+08	1.31E+08 -	0	0
ENSG0000(RPS16P9 processed_ chr19	45332698	45333124 -	0	0
ENSG0000(RPL12P21 processed_ chr5	1.39E+08	1.39E+08 -	0	0
ENSG0000(RP11-1191 antisense_ chr4	652850	656213 -	0	0.03

ENSG0000(AC004893. antisense	chr7	99013165	99048240	+	2.02	1.58	
ENSG0000(RN7SL304F	misc_RNA	chr1	19970969	19971269	+	0	0
ENSG0000(CNTF	protein_co	chr11	58622673	58625733	+	0.28	0.28
ENSG0000(RPS27AP1	processed_	chr17	10258762	10259232	+	0	0
ENSG0000(RN7SL40P	misc_RNA	chr2	2.02E+08	2.02E+08	-	0	0
ENSG0000(RPL5P12	processed_	chr4	98025390	98026240	+	3.33	2.61
ENSG0000(RN7SL516F	misc_RNA	chr2	29681027	29681323	-	0	0
ENSG0000(CCT4P1	processed_	chr7	1.41E+08	1.41E+08	-	0	0
ENSG0000(ICE2P2	processed_	chr3	88948142	88950928	+	0	0
ENSG0000(RPS27AP9	processed_	chr5	80498534	80498971	-	0	0
ENSG0000(RN7SL362F	misc_RNA	chr18	13715102	13715368	-	0	0
ENSG0000(RPL30P9	processed_	chr8	20113343	20113672	-	0	0
ENSG0000(CCDC169	protein_co	chr13	36222008	36297840	-	2.21	1.11
ENSG0000(RN7SL806F	misc_RNA	chr8	42881236	42881517	+	0	0
ENSG0000(RP11-123J	processed_	chr4	76891034	76891445	+	0	0
ENSG0000(UQCRHP4	processed_	chr3	70140217	70140488	+	0	0
ENSG0000(RP11-124G	processed_	chr11	41538434	41538986	+	0	0
ENSG0000(FAM86LP	unprocessε	chr7	6931684	6939603	-	0	0
ENSG0000(RGAG4	protein_co	chrX	72127110	72131901	-	2.23	2.22
ENSG0000(RPSAP26	processed_	chr2	62146413	62147153	+	0.2	0
ENSG0000(TRBV1	TR_V_pseu	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-562A	processed_	chr15	50466738	50467096	+	0	0
ENSG0000(LINC02005	lincRNA	chr3	73808601	73902866	+	0.08	0
ENSG0000(RP11-30K9	processed_	chr15	58869659	58870134	+	0	0.17
ENSG0000(RPL23AP81	transcribec	chr20	41196691	41197157	+	0	0
ENSG0000(NMTRQ-TT	unprocessε	chr17	19603274	19603345	-	0	0
ENSG0000(RP11-716C	lincRNA	chr6	11487226	11515710	+	0	0
ENSG0000(RHOT1P3	processed_	chr13	18837768	18838098	-	0	0
ENSG0000(CTD-2090I	processed_	chr1	2.27E+08	2.27E+08	+	0	0
ENSG0000(LINC00882	lincRNA	chr3	1.07E+08	1.07E+08	-	1.81	1.84
ENSG0000(RN7SL824F	misc_RNA	chr1	92402389	92402685	-	0	0
ENSG0000(IGKV1D-17	IG_V_gene	chr2	90082635	90083291	+	0	0
ENSG0000(ZBTB20-AS	lincRNA	chr3	1.15E+08	1.15E+08	+	0.2	0.22
ENSG0000(RP11-556G	processed_	chr4	21656511	21656869	-	0	0
ENSG0000(RN7SL432F	misc_RNA	chr1	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-180K	processed_	chr3	1.13E+08	1.13E+08	+	0.12	0
ENSG0000(TRBV5-2	TR_V_pseu	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-875H	lincRNA	chr3	55360443	55361829	-	0	0
ENSG0000(ZNF702P	transcribec	chr19	52968251	53037898	-	0.57	0.36
ENSG0000(LINC02050	lincRNA	chr3	80764897	80789354	+	0	0
ENSG0000(RP11-451G	lincRNA	chr3	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-651P	lincRNA	chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(AC135999.	processed_	chr15	26851132	26851610	-	0	0
ENSG0000(RN7SL299F	misc_RNA	chr1	2.32E+08	2.32E+08	+	0	0
ENSG0000(RP11-3K16	sense_intrε	chr3	1.7E+08	1.7E+08	-	0	0

ENSG0000(GLYCTK-AS processed_ chr3	52288580	52299067	-	0	0
ENSG0000(RP11-506N antisense chr7	1E+08	1E+08	-	0	0
ENSG0000(AP5Z1 protein_co chr7	4775622	4794312	+	17.05	19.96
ENSG0000(RPL26P31 processed_ chr11	93052395	93052827	-	0	0
ENSG0000(SOX2-OT sense_ovei chr3	1.81E+08	1.82E+08	+	0.16	0.14
ENSG0000(MRPL42P6 processed_ chr3	1.51E+08	1.51E+08	-	0	0
ENSG0000(RN7SL229F misc_RNA chr3	1.81E+08	1.81E+08	-	0	0
ENSG0000(RP11-436H processed_ chr5	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-768G lincRNA chr3	1.18E+08	1.18E+08	+	0	0
ENSG0000(RN7SL846F misc_RNA chr10	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-47P1 lincRNA chr3	80761042	80788963	-	0.42	0
ENSG0000(RPS26P21 processed_ chr3	1.19E+08	1.19E+08	+	0	0.3
ENSG0000(RPL7AP56 processed_ chr11	37725666	37726456	+	0	0
ENSG0000(MTCO3P35 unprocessε chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(RPL21P13 processed_ chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(KRT8P35 processed_ chr3	63096374	63097711	-	0	0
ENSG0000(ALDOAP1 processed_ chr3	52193170	52194785	+	0	0
ENSG0000(RPL23AP6ε processed_ chr12	87169985	87170429	-	0	0
ENSG0000(ZNF709 protein_co chr19	12461184	12513854	-	0.4	0.62
ENSG0000(RN7SL749F misc_RNA chr10	1.19E+08	1.19E+08	+	0.38	0.42
ENSG0000(DNM1P24 unprocessε chrY	24179316	24183505	-	0	0
ENSG0000(RN7SL496F misc_RNA chr7	39888375	39888664	+	0	0
ENSG0000(VN1R105P transcribec chr19	54647944	54648853	+	0	0
ENSG0000(CTC-484M; processed_ chr5	83746388	83746989	-	0	0
ENSG0000(RN7SL180F misc_RNA chr1	62072448	62072741	+	0	0
ENSG0000(RP11-285F antisense chr1	2.26E+08	2.26E+08	-	1.61	1.48
ENSG0000(RN7SL677F misc_RNA chr15	97353497	97353815	+	0	0
ENSG0000(RN7SL244F misc_RNA chr6	53090961	53091257	+	0.02	0
ENSG0000(STRC protein_co chr15	43599398	43618800	-	0	0.38
ENSG0000(RBMY1B protein_co chrY	21511338	21549094	+	0	0.01
ENSG0000(RN7SL812F misc_RNA chr22	20481935	20482213	-	0	0
ENSG0000(AC006335. unprocessε chrY	6307710	6309587	+	0	0
ENSG0000(RP11-190P lincRNA chr3	1.15E+08	1.15E+08	+	0	0
ENSG0000(RPL5P11 processed_ chr4	1.73E+08	1.73E+08	-	0	0
ENSG0000(IGHJ3 IG_J_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-436N processed_ chr14	99974336	99975149	-	0	0
ENSG0000(RN7SL449F misc_RNA chr17	57618108	57618393	+	0	0
ENSG0000(RN7SL413F misc_RNA chr13	51593919	51594215	-	0	0
ENSG0000(RN7SL634F misc_RNA chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(RPL7P16 processed_ chr3	1.32E+08	1.32E+08	-	0.35	0.1
ENSG0000(RP11-309L; antisense chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(AADACL2-/- antisense chr3	1.52E+08	1.52E+08	-	0.19	0
ENSG0000(RP11-118N processed_ chr3	94935760	94936120	-	0	0
ENSG0000(RN7SL384F misc_RNA chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(SNRPGP7 processed_ chr2	28460256	28460361	-	0	0

ENSG0000(RPL21P104 processed_ chr12	61775923	61776400	+	0	0
ENSG0000(PLCH1-AS2 antisense chr3	1.55E+08	1.55E+08	+	0	0
ENSG0000(RN7SL868F misc_RNA chr5	1.5E+08	1.5E+08	+	0	0
ENSG0000(RPL7P49 processed_ chr17	76430417	76431124	-	0	0
ENSG0000(RPL30P6 processed_ chr4	95644952	95645293	-	0	0
ENSG0000(RPL12P7 processed_ chr14	68693090	68693583	+	0	0
ENSG0000(NKAIN1P1 processed_ chr1	1.43E+08	1.43E+08	+	0	0
ENSG0000(RPL29P32 processed_ chr18	53605254	53605725	-	0	0
ENSG0000(EPS15P1 transcribed chr7	46781373	46783443	+	0.03	0
ENSG0000(ERVW-1 protein_co chr7	92468380	92477986	-	0.51	0.24
ENSG0000(RP11-507E processed_ chr14	75595805	75596206	-	0	0
ENSG0000(RPSAP3 transcribed chr14	76634775	76635661	-	0	0.08
ENSG0000(RP11-803B processed_ chr3	75395404	75395536	-	0	0
ENSG0000(RP11-662B processed_ chr8	28810103	28810418	+	0	0
ENSG0000(FTH1P23 processed_ chr3	72929044	72929593	+	3.76	2.85
ENSG0000(RP11-143E processed_ chr12	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-731C processed_ chr3	1.37E+08	1.37E+08	-	0	0
ENSG0000(AC068522. processed_ chr8	58588420	58588764	-	0	0
ENSG0000(RN7SL233F misc_RNA chr18	21793883	21794159	+	0	0
ENSG0000(RP11-446F antisense chr6	46670444	46688165	-	0	0
ENSG0000(RN7SL177F misc_RNA chr5	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP4-545C2 processed_ chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RPS15AP18 processed_ chr5	1.8E+08	1.8E+08	-	0	0
ENSG0000(CABYRP1 processed_ chr3	54047749	54048793	-	0	0
ENSG0000(RN7SL50P misc_RNA chr18	8471831	8472128	+	0	0
ENSG0000(RPL21P99 processed_ chr12	29658376	29658798	-	0	0
ENSG0000(RN7SL332F misc_RNA chr6	15112968	15113221	+	0	0
ENSG0000(RPL13AP23 processed_ chr12	57674665	57675250	+	0	0
ENSG0000(RPL7P40 processed_ chr12	17121716	17122460	+	0	0
ENSG0000(FTH1P4 processed_ chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-697H processed_ chr11	95963219	95963624	+	0	0
ENSG0000(RP11-1085 processed_ chr14	56683421	56683741	-	0	0
ENSG0000(RN7SL379F misc_RNA chrX	96023360	96023652	+	0	0
ENSG0000(RN7SL239F misc_RNA chr11	74845910	74846209	+	0.36	0
ENSG0000(AC005062. sense_ovei chr7	19918981	20140453	-	0.16	0.44
ENSG0000(RN7SL16P misc_RNA chr4	24563193	24563461	-	0	0
ENSG0000(RPL12P35 processed_ chr15	72379215	72379710	-	0	0
ENSG0000(RP11-556N processed_ chr13	24566873	24597676	+	0	0
ENSG0000(RN7SL266F misc_RNA chrX	1.13E+08	1.13E+08	+	0	0
ENSG0000(LINC02083 lincRNA chr3	1.53E+08	1.53E+08	+	0	0
ENSG0000(PTMAP8 processed_ chr3	1.17E+08	1.17E+08	+	0	0.31
ENSG0000(RN7SL737F misc_RNA chr12	93509487	93509768	+	0	0
ENSG0000(RP11-305F unprocessε chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP5-1070G antisense chr7	1.51E+08	1.51E+08	+	1.55	0
ENSG0000(RPL7P39 processed_ chr12	64867956	64868699	-	0	0

ENSG00000108220	MARK3P3	processed_chr3	1.29E+08	1.29E+08	-	0	0	
ENSG00000108221	UBA52P3	processed_chr14	58141279	58141660	+	0	0	
ENSG00000108222	RPS11P6	transcribed	chr12	64222337	64397065	+	0.13	0.19
ENSG00000108223	MTAPP1	processed_chr3	1.59E+08	1.59E+08	-	0	0	
ENSG00000108224	RN7SL354F	misc_RNA	chr15	50688900	50689193	+	0	0
ENSG00000108225	RN7SL635F	misc_RNA	chr2	65545401	65545696	-	0	0
ENSG00000108226	GAPDHP47	processed_chr3	1.44E+08	1.44E+08	-	0	0	
ENSG00000108227	RN7SL810F	misc_RNA	chr13	77947497	77947772	-	0	0
ENSG00000108228	RP11-58E2	processed_chr14	50052857	50053569	+	0	0.41	
ENSG00000108229	RBMX2FP	transcribed	chrY	22308859	22321825	+	0	0
ENSG00000108230	RP13-526J	processed_chr3	1.63E+08	1.63E+08	+	0	0	
ENSG00000108231	FTH1P18	unprocessed	chrX	37043023	37043571	-	0	0
ENSG00000108232	RN7SL33P	misc_RNA	chr17	2557753	2558094	-	0	0
ENSG00000108233	RPL30P10	processed_chr8	57392546	57392882	+	0	0	
ENSG00000108234	RN7SL269F	misc_RNA	chr1	1.7E+08	1.7E+08	-	0	0
ENSG00000108235	RPL31P58	processed_chr17	28802444	28802822	+	0	0	
ENSG00000108236	GK-AS1	antisense	chrX	30699998	30724174	-	0	0
ENSG00000108237	EIF4EBP3	protein_coding	chr5	1.41E+08	1.41E+08	+	17.1	15.87
ENSG00000108238	RPL39P33	processed_chr17	56573040	56573195	+	0	0	
ENSG00000108239	RN7SL400F	misc_RNA	chr15	21102843	21103138	-	0	0
ENSG00000108240	RP11-12M1	lincRNA	chr1	1.8E+08	1.8E+08	+	0	0
ENSG00000108241	IGKV3-7	IG_V_gene	chr2	88978468	88979081	-	0	0
ENSG00000108242	ABCC13	transcribed	chr21	14236206	14362754	+	0	0
ENSG00000108243	RN7SL842F	misc_RNA	chr19	14588357	14588656	+	0	0
ENSG00000108244	ARHGEF26	processed_chr3	1.54E+08	1.54E+08	-	0.41	1.18	
ENSG00000108245	RP11-613N	processed_chr12	76660405	76660884	+	0.17	0.19	
ENSG00000108246	GS1-388B5	processed_chr3	1.26E+08	1.26E+08	+	0	0	
ENSG00000108247	PRAMEF4	protein_coding	chr1	12879224	12886201	-	0	0
ENSG00000108248	RN7SL519F	misc_RNA	chr12	50841498	50841785	-	0	0
ENSG00000108249	RP11-231E	lincRNA	chr3	1.12E+08	1.12E+08	-	0.04	0.15
ENSG00000108250	LINC00870	lincRNA	chr3	72151257	72174332	+	0.04	0
ENSG00000108251	RP11-392E	processed_chr9	38526831	38527032	+	0	0	
ENSG00000108252	RP11-779P	lincRNA	chr3	99507187	99527113	-	0	0
ENSG00000108253	RP11-1084	processed_chr15	34085911	34086314	-	0.21	0	
ENSG00000108254	RPL3P10	processed_chr8	39157538	39158701	-	0	0	
ENSG00000108255	AC020983	processed_chr7	1.39E+08	1.39E+08	+	0	0	
ENSG00000108256	RPS3P7	processed_chr16	78825281	78826006	+	0	0	
ENSG00000108257	RN7SL452F	misc_RNA	chr14	50637691	50637981	-	0	0.84
ENSG00000108258	MTND4LP1	processed_chr2	1.2E+08	1.2E+08	+	0	0	
ENSG00000108259	AC000120	sense_intronic	chr7	92200014	92206857	-	0.05	0.2
ENSG00000108260	RN7SL849F	misc_RNA	chr9	12764761	12765055	-	0	0
ENSG00000108261	RP11-564C	processed_chr3	1.6E+08	1.6E+08	-	0	0	
ENSG00000108262	RP11-25H1	processed_chr15	37490691	37491103	+	0	0	
ENSG00000108263	RN7SL643F	misc_RNA	chr6	86435848	86436138	+	0	0
ENSG00000108264	RN7SL807F	misc_RNA	chr2	2.23E+08	2.23E+08	-	0	0

ENSG0000(RP11-377D)	processed_chr12	13021260	13021606	-	0	0
ENSG0000(PSG11)	protein_co chr19	43007656	43026512	-	0.08	0
ENSG0000(UGT1A3)	protein_co chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(RN7SL22P)	misc_RNA chr9	35671776	35672044	+	0	0
ENSG0000(PSG4)	protein_co chr19	43192702	43207299	-	0.22	0.32
ENSG0000(RPL23AP6)	processed_chr12	12338776	12339254	+	0	0
ENSG0000(RP11-115N)	lincRNA chr7	91311368	91515409	+	0	0
ENSG0000(MRPL33)	protein_co chr2	27771717	27988087	+	51.73	54.62
ENSG0000(LINC02040)	lincRNA chr3	65174958	65193499	+	0	0
ENSG0000(RP11-538P)	antisense chr3	1.59E+08	1.59E+08	-	0	0
ENSG0000(CTD-2501C)	processed_chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-46A1)	antisense chr1	1.81E+08	1.81E+08	-	0.4	0.2
ENSG0000(MICAL3)	protein_co chr22	17787649	18024559	-	13.82	15.4
ENSG0000(RP11-342F)	processed_chr5	79529302	79530093	+	0	0
ENSG0000(RP11-166B)	processed_chr12	73648666	73649039	+	0	0
ENSG0000(RP11-79M)	processed_chr3	1.59E+08	1.59E+08	-	0	0
ENSG0000(RPS10P28)	processed_chr19	42670005	42670816	+	0	0
ENSG0000(RP11-273P)	processed_chr8	1.05E+08	1.05E+08	-	0	0
ENSG0000(RN7SL861F)	misc_RNA chr1	1.63E+08	1.63E+08	+	0.4	0
ENSG0000(RPSAP36)	transcribed chr4	1.43E+08	1.43E+08	+	0	0.2
ENSG0000(RP11-550I)	processed_chr3	1.57E+08	1.57E+08	+	0.41	0.35
ENSG0000(AC110769)	lincRNA chr2	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-734J)	processed_chr8	34874159	34874633	+	0	0
ENSG0000(CCDC39-AS)	antisense chr3	1.81E+08	1.81E+08	+	0	0
ENSG0000(HNRNPA1P)	unprocessed chr3	1.08E+08	1.08E+08	-	0	0
ENSG0000(CTA-360L1)	processed_chr7	1.07E+08	1.07E+08	-	0	0
ENSG0000(TUBBP11)	processed_chr3	1.04E+08	1.04E+08	+	0	0
ENSG0000(TUSC7)	antisense chr3	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-408P)	processed_chr4	65573459	65574328	+	0.76	0.28
ENSG0000(PPAN-P2R)	protein_co chr19	10106223	10114780	+	0	0.36
ENSG0000(AC006159)	antisense chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP5-1157M)	antisense chr3	52239258	52241097	+	0.23	0.13
ENSG0000(RP11-7F17)	processed_chr14	76968683	76969145	+	0	0
ENSG0000(RN7SL55P)	misc_RNA chr4	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-286H)	antisense chr7	1.29E+08	1.29E+08	-	0	0
ENSG0000(PCDHAC2)	protein_co chr5	1.41E+08	1.41E+08	+	0.05	0.06
ENSG0000(CTD-2583A)	processed_chr19	57953158	57953759	-	0	0
ENSG0000(GSTA9P)	transcribed chr6	52939726	52957521	-	0	0
ENSG0000(IGKV2-30)	IG_V_gene chr2	89244781	89245596	-	0	0
ENSG0000(AC073130)	antisense chr7	1.16E+08	1.16E+08	-	0.08	0.4
ENSG0000(STON1)	protein_co chr2	48529383	48598513	+	5.74	5.59
ENSG0000(RPS6P16)	processed_chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RN7SL350F)	misc_RNA chr8	99613783	99614081	-	0	0
ENSG0000(RPL30P14)	processed_chr18	61404858	61405205	-	0	0
ENSG0000(MTCO2P29)	unprocessed chr3	1.21E+08	1.21E+08	+	0	0

ENSG0000(RN7SL558F)	misc_RNA	chr4	39761000	39761298	+	0	0
ENSG0000(IGKV2D-29)	IG_V_gene	chr2	89947512	89948279	+	0	0
ENSG0000(RPL23AP55)	processed	chr8	23206918	23207369	+	0	0
ENSG0000(RN7SL614F)	misc_RNA	chr1	10616836	10617115	+	0	0
ENSG0000(RP11-166N)	antisense	chr3	1.51E+08	1.51E+08	+	0	0
ENSG0000(RN7SL571F)	misc_RNA	chr13	76134931	76135225	+	0	0
ENSG0000(RP11-384F)	lincRNA	chr3	1.18E+08	1.19E+08	-	0	0
ENSG0000(PRAF2)	protein_co	chrX	49071156	49074071	-	37.32	41.46
ENSG0000(RP11-477G)	processed	chr4	1.12E+08	1.12E+08	+	0	0.36
ENSG0000(VSIG8)	protein_co	chr1	1.6E+08	1.6E+08	-	0	0.04
ENSG0000(RPS17P14)	processed	chr8	1.08E+08	1.08E+08	-	0	0
ENSG0000(AGAP13P)	unprocess	chr10	46816516	46832476	+	0.41	0
ENSG0000(IGKV1-12)	IG_V_gene	chr2	89040224	89040745	-	0	0
ENSG0000(CTD-2185K)	lincRNA	chr3	59065150	59119509	+	0	0
ENSG0000(RP11-779P)	lincRNA	chr3	99500347	99505508	+	0	0
ENSG0000(RPL31P61)	processed	chr19	36901742	36902117	+	0	0
ENSG0000(LINC00359)	lincRNA	chr13	96941281	96984172	-	0	0
ENSG0000(RP11-274B)	processed	chr7	1.29E+08	1.29E+08	+	5.74	5.36
ENSG0000(RP11-268I)	processed	chr18	21854640	21854987	-	0	0
ENSG0000(CTC-428G2)	processed	chr5	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-362A)	antisense	chr3	1.52E+08	1.52E+08	-	0	0
ENSG0000(POM121L6)	processed	chr6	26896952	26898777	+	0	0
ENSG0000(RP11-397E)	processed	chr4	86870191	86871404	+	6.64	7.06
ENSG0000(RN7SL285F)	misc_RNA	chr6	37832922	37833185	-	0	0
ENSG0000(RP11-538P)	processed	chr3	1.58E+08	1.58E+08	+	0	0
ENSG0000(GUCY2GP)	transcribec	chr10	1.12E+08	1.12E+08	-	0	0
ENSG0000(C7orf73)	protein_co	chr7	1.36E+08	1.36E+08	+	18.38	16.67
ENSG0000(FGF14-IT1)	sense_intr	chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(LINC01998)	lincRNA	chr3	1.5E+08	1.5E+08	-	0.11	0.03
ENSG0000(PTPRVP)	processed	chr1	2.02E+08	2.02E+08	+	0.08	0
ENSG0000(RP11-520P)	processed	chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(RN7SL174F)	misc_RNA	chr5	1.19E+08	1.19E+08	-	0	0
ENSG0000(KCTD7)	protein_co	chr7	66628767	66649067	+	12.18	13.3
ENSG0000(RN7SL307F)	misc_RNA	chr15	49198900	49199194	-	0	0
ENSG0000(RN7SL738F)	misc_RNA	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP11-458K)	lincRNA	chr7	1.16E+08	1.16E+08	+	0.08	0
ENSG0000(RN7SL601F)	misc_RNA	chr17	11157455	11157747	+	0	0
ENSG0000(LINC02045)	lincRNA	chr3	1.48E+08	1.48E+08	-	0	0
ENSG0000(RP11-445N)	processed	chr10	45147394	45171389	+	0	0
ENSG0000(RN7SL8P)	misc_RNA	chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(RPS29P19)	processed	chr11	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-57G2)	processed	chr18	32779039	32779286	+	0	0
ENSG0000(RN7SL815F)	misc_RNA	chr3	1.16E+08	1.16E+08	+	0	0
ENSG0000(EFNA4)	protein_co	chr1	1.55E+08	1.55E+08	+	8.1	6.05
ENSG0000(RN7SL278F)	misc_RNA	chr15	76976915	76977210	-	0	0

ENSG0000(RN7SL60P)	misc_RNA	chr13	98671980	98672278	+	0	0
ENSG0000(MCCC1-AS)	antisense	chr3	1.83E+08	1.83E+08	+	0	0
ENSG0000(RN7SL775F)	misc_RNA	chr17	17178414	17178749	+	0	0
ENSG0000(RN7SL173F)	misc_RNA	chr6	1.58E+08	1.58E+08	+	0	0
ENSG0000(RN7SL72P)	misc_RNA	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-646E)	processed	chr3	1.83E+08	1.83E+08	+	0	0
ENSG0000(RN7SL89P)	misc_RNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-475C)	antisense	chr3	58572744	58574319	+	0	0
ENSG0000(CTD-2110K)	processed	chr5	83201229	83202141	+	0	0
ENSG0000(RPL3P3)	processed	chr14	56978409	56979621	+	0.1	0
ENSG0000(AC012442)	3prime_ov	chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-454H)	processed	chr3	1.02E+08	1.02E+08	-	0	0
ENSG0000(RN7SL141F)	misc_RNA	chr3	1.72E+08	1.72E+08	+	0	0
ENSG0000(RP11-473C)	processed	chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-330L)	processed	chr15	64592979	64593326	+	0	0
ENSG0000(RPL35AP32)	processed	chr15	66446455	66446777	-	0	0
ENSG0000(MRPS31P5)	transcribec	chr13	52167709	52194465	-	2.79	2.21
ENSG0000(PSMD6-AS)	antisense	chr3	64011964	64016246	+	0	0.2
ENSG0000(TICAM2)	protein_co	chr5	1.16E+08	1.16E+08	-	1.64	1.45
ENSG0000(RP11-274H)	antisense	chr3	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-555K)	processed	chr4	1.53E+08	1.53E+08	-	0.08	0
ENSG0000(RN7SL734F)	misc_RNA	chr12	75957833	75958130	-	0	0
ENSG0000(RPL23AP49)	transcribec	chr3	75624275	75670156	-	0.17	0.81
ENSG0000(RP5-837J1)	processed	chr17	35076737	35077007	+	0	0
ENSG0000(RN7SL107F)	misc_RNA	chr8	80613544	80613826	-	0	0
ENSG0000(RN7SL454F)	misc_RNA	chr17	78532813	78533055	-	0	0
ENSG0000(OR7E29P)	unprocess	chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RPL5P30)	processed	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-148K)	antisense	chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(RN7SL370F)	misc_RNA	chr1	77645324	77645618	+	0	0
ENSG0000(LARP1BP2)	processed	chr7	1.06E+08	1.06E+08	+	0	0
ENSG0000(RN7SL352F)	misc_RNA	chr6	1507322	1507598	+	0	0
ENSG0000(AF165138)	protein_co	chr21	14591930	14658821	-	0	0
ENSG0000(PALM2)	protein_co	chr9	1.1E+08	1.1E+08	+	0.01	0
ENSG0000(RP11-715J)	processed	chr16	2332313	2332732	-	0	0
ENSG0000(RN7SL284F)	misc_RNA	chr10	77912271	77912545	-	0	0
ENSG0000(C4orf48)	protein_co	chr4	2041993	2043970	+	35.57	37.96
ENSG0000(COX7BP1)	processed	chr22	35194699	35194942	-	0	0
ENSG0000(RPS18P13)	processed	chr19	18048637	18049090	+	0	0
ENSG0000(IGKV1-5)	IG_V_gene	chr2	88947301	88947957	-	0	0
ENSG0000(INGX)	transcribec	chrX	71491682	71492928	-	0.55	0.28
ENSG0000(RPL7P51)	processed	chr19	51648862	51649610	+	0	0
ENSG0000(NAT6)	protein_co	chr3	50296402	50299421	-	6.36	8.94
ENSG0000(AOX2P)	transcribec	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(MNX1-AS1)	lincRNA	chr7	1.57E+08	1.57E+08	+	0	0

ENSG0000(AMY2A	protein_co	chr1	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-572N	processed_	chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(MIR1302-2	lincRNA	chr1	29554	31109	+	0	0.04
ENSG0000(RP11-217E	lincRNA	chr3	1.54E+08	1.54E+08	+	0	0
ENSG0000(RN7SL337F	misc_RNA	chr19	14584095	14584395	+	0	0
ENSG0000(KRTAP10-1	protein_co	chr21	44646414	44647650	+	0	0
ENSG0000(RP11-521D	lincRNA	chr2	9757496	9770341	-	0	0
ENSG0000(CTC-550B1	processed_	chr19	54973817	54974417	+	0	0
ENSG0000(GMFBP1	processed_	chr3	1.01E+08	1.01E+08	-	0	0
ENSG0000(UBA52P5	processed_	chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(RPS6P21	processed_	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-257K	protein_co	chr6	73209746	73263196	-	0	0
ENSG0000(AC090453.	processed_	chr8	36987977	36988412	-	0	0
ENSG0000(RPS23P1	processed_	chr8	97865054	97865485	+	0	0
ENSG0000(RN7SL240F	misc_RNA	chr11	29721399	29721684	-	0	0
ENSG0000(RP11-476N	processed_	chr12	3468950	3469296	+	0	0
ENSG0000(RP11-775J;	processed_	chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(TNFRSF6B	protein_co	chr20	63696668	63698684	+	0	0
ENSG0000(RN7SL111F	misc_RNA	chr2	1.18E+08	1.18E+08	+	0	0
ENSG0000(RPL32P33	processed_	chr17	72627231	72627624	+	0	0
ENSG0000(RPL12P40	processed_	chr18	37672689	37673176	+	0	0
ENSG0000(RP11-627K	processed_	chr12	31251992	31252597	-	0	0
ENSG0000(RP11-639F	processed_	chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(IGLVIVOR2	IG_V_pseu	chr22	32376682	32377135	+	0	0
ENSG0000(RPL5P33	processed_	chr17	50847950	50849270	+	0	0
ENSG0000(RP11-740N	processed_	chr7	6900424	6900623	-	0	0
ENSG0000(RN7SL19P	misc_RNA	chr8	70654578	70654883	-	0	0
ENSG0000(CTC-458A3	processed_	chr8	1.33E+08	1.33E+08	+	0	0.23
ENSG0000(RPS26P28	processed_	chr5	16902294	16902641	-	0	0
ENSG0000(RN7SL649F	misc_RNA	chr1	12036740	12037014	-	0	0
ENSG0000(RN7SL104F	misc_RNA	chr2	15950689	15950981	-	0	0
ENSG0000(WFDC6	protein_co	chr20	45534196	45539495	-	0.11	0
ENSG0000(RN7SL172F	misc_RNA	chr3	1.22E+08	1.22E+08	-	0.35	0
ENSG0000(RN7SL108F	misc_RNA	chr14	68236243	68236539	-	0	0
ENSG0000(HNRNP KP4	processed_	chr3	96349554	96350939	+	0	0
ENSG0000(RN7SL101F	misc_RNA	chr4	28711198	28711476	+	0	0
ENSG0000(RN7SL705F	misc_RNA	chr18	62650308	62650601	-	0	0
ENSG0000(LINC01214	lincRNA	chr3	1.5E+08	1.5E+08	-	0	0
ENSG0000(AC004967.	unprocessε	chr7	97969005	97972254	-	0	0.2
ENSG0000(RN7SL364F	misc_RNA	chr19	46688797	46689068	-	0	0
ENSG0000(RN7SL838F	misc_RNA	chr11	440399	440693	-	0	0
ENSG0000(UPK3B	protein_co	chr7	76510428	76516521	+	0	0.15
ENSG0000(RP11-2I17.	processed_	chr15	72134641	72135436	+	0.23	0
ENSG0000(LINC02017	lincRNA	chr3	55178172	55189214	+	0	0
ENSG0000(RP11-264K	lincRNA	chr7	1.24E+08	1.24E+08	-	0	0

ENSG0000(RPS29P25 processed_ chr19	39590981	39591151	+	0	0
ENSG0000(RP4-669B1 lincRNA chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-14I2. processed_ chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(RN7SL282F misc_RNA chr18	6601540	6601836	+	0	0
ENSG0000(RPL17P22 processed_ chr5	56136979	56137531	+	0	0
ENSG0000(LINC02049 lincRNA chr3	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-758I1 processed_ chr3	1.46E+08	1.46E+08	-	0	0
ENSG0000(RPL12P24 processed_ chr8	1.06E+08	1.06E+08	-	0	0
ENSG0000(RPL35AP26 processed_ chr11	1.26E+08	1.26E+08	-	0	0
ENSG0000(RPS2P44 processed_ chr16	48577524	48578369	-	0	0
ENSG0000(RP11-216N antisense chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-649A antisense chr3	1.47E+08	1.47E+08	-	0	0
ENSG0000(AC003989. processed_ chr7	1.11E+08	1.11E+08	+	0	0
ENSG0000(AP000322. protein_co chr21	34418715	34423966	-	0.03	0
ENSG0000(LINC00880 lincRNA chr3	1.57E+08	1.57E+08	-	0.08	0.18
ENSG0000(RN7SL542F misc_RNA chr7	21215537	21215830	-	0	0
ENSG0000(RP11-281P processed_ chr3	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-164C lincRNA chr1	2.07E+08	2.07E+08	+	0	0
ENSG0000(OR13C7 polymorph chr9	36002909	36003867	-	0	0
ENSG0000(RN7SL526F misc_RNA chr19	58069970	58070288	+	0	0
ENSG0000(TSPY20P unprocessε chrY	10036195	10038375	+	0	0
ENSG0000(IL10RB protein_co chr21	33266358	33310187	+	22.53	20.05
ENSG0000(RP11-215P processed_ chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(CFB protein_co chr6	31945650	31952084	+	513.15	470.7
ENSG0000(RN7SL834F misc_RNA chr2	2.31E+08	2.31E+08	+	0.79	0
ENSG0000(RP11-846F antisense chr17	22524563	22525330	-	0	0
ENSG0000(MTND5P1ε unprocessε chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-4K3_ processed_ chr1	27311240	27311838	+	0	0
ENSG0000(ZNF487 protein_co chr10	43436841	43483179	+	2.32	3.68
ENSG0000(WBP1LP1 processed_ chr7	1.43E+08	1.43E+08	-	0	0
ENSG0000(RPS4XP14 processed_ chr12	1757231	1758011	-	0	0.09
ENSG0000(RPS29P12 processed_ chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(WDR92 protein_co chr2	68122936	68157560	-	2.92	3.16
ENSG0000(RPL34P23 processed_ chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(RN7SL761F misc_RNA chr13	68693804	68694081	-	0	0
ENSG0000(RPS3AP40 processed_ chr11	67925651	67926431	-	0	0
ENSG0000(OR7E66P unprocessε chr3	75347833	75348787	-	0	0
ENSG0000(RP11-379F processed_ chr3	1.59E+08	1.59E+08	+	0.62	0
ENSG0000(NME2 protein_co chr17	51165435	51171747	+	349.28	343.41
ENSG0000(RP11-274B processed_ chr7	1.29E+08	1.29E+08	+	5.08	6.01
ENSG0000(RPL37P23 processed_ chr19	52143043	52143336	+	0	0
ENSG0000(RPLP1P11 processed_ chr17	16044621	16044961	+	0	0
ENSG0000(RP11-432B processed_ chr3	1.6E+08	1.6E+08	+	0	0
ENSG0000(LINC02027 lincRNA chr3	80993868	81095647	+	0.12	0
ENSG0000(RP11-290L processed_ chr9	39173794	39174513	-	0.07	0

ENSG0000(RP5-966M: protein_co chr3	52813282	52835729	-	0.24	0.09
ENSG0000(RP11-463C processed_ chr16	86525457	86526252	+	0	0
ENSG0000(RN7SL598F misc_RNA chr14	58179771	58180064	+	0	0
ENSG0000(DUBR lincRNA chr3	1.07E+08	1.07E+08	+	2.21	3.13
ENSG0000(RN7SL638F misc_RNA chr20	18592330	18592619	+	0	0
ENSG0000(RN7SL105F misc_RNA chr17	1604374	1604672	-	0	0
ENSG0000(RP11-178L: processed_ chr16	87268185	87268337	+	0	0
ENSG0000(PLA2G4B protein_co chr15	41837775	41848147	+	0.63	0.86
ENSG0000(LEFTY1 protein_co chr1	2.26E+08	2.26E+08	-	0	0.08
ENSG0000(CFAP57 protein_co chr1	43172149	43254358	+	0.48	0.5
ENSG0000(RPL21P116 processed_ chr15	78863247	78863729	-	0	0
ENSG0000(CACNA2D3 antisense chr3	54874605	54901255	-	0	0
ENSG0000(NPIPB5 protein_co chr16	22479121	22536521	+	25.09	25.63
ENSG0000(RPL21P127 processed_ chr18	3406342	3406818	-	0	0
ENSG0000(RPL23AP63 processed_ chr11	43718676	43719146	+	0	0
ENSG0000(RN7SL393F misc_RNA chr2	1.58E+08	1.58E+08	-	0	0
ENSG0000(TTC4 protein_co chr1	54715822	54742657	+	6.6	6.58
ENSG0000(OR5V1 protein_co chr6	29355230	29431967	-	0	0
ENSG0000(RPL29P3 processed_ chr14	36577543	36578005	-	0	0
ENSG0000(RP11-80H8 lincRNA chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RN7SL181F misc_RNA chr9	1.21E+08	1.21E+08	+	0	0
ENSG0000(RPLP0P2 transcribed chr11	61615036	61639449	+	2.01	2.05
ENSG0000(CTC-232H1 processed_ chr5	13637919	13638381	-	0	0
ENSG0000(EEF1A1P1C processed_ chr7	1.45E+08	1.45E+08	-	0	0.05
ENSG0000(TMEM35B protein_co chr1	34981535	34985353	-	21.37	22.25
ENSG0000(HLA-L transcribed chr6	30259584	30293014	+	6.52	5.27
ENSG0000(RPL35AP15 processed_ chr5	1.17E+08	1.17E+08	-	0	0
ENSG0000(ST13P15 processed_ chr3	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-216N processed_ chr8	86043102	86043507	+	0	0
ENSG0000(AC006547. antisense chr22	20110821	20111875	-	0.14	0
ENSG0000(HOTTIP antisense chr7	27198575	27207259	+	0	0
ENSG0000(RN7SL65P misc_RNA chr2	1.74E+08	1.74E+08	-	0	0
ENSG0000(CTD-3131K processed_ chr19	17589595	17590071	-	0	0
ENSG0000(KIR2DL3 protein_co chr19	54738515	54753052	+	0	0
ENSG0000(OSTCP1 transcribed chr6	1.59E+08	1.59E+08	-	0.15	0.05
ENSG0000(RP11-864G processed_ chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-681N processed_ chr18	13919603	13919923	-	0	0
ENSG0000(RP11-112N processed_ chr15	59525422	59525881	-	0	0
ENSG0000(RP11-193H transcribed chr1	2.38E+08	2.38E+08	+	0	0
ENSG0000(RN7SL78P misc_RNA chr10	87832818	87833098	-	0	0
ENSG0000(JMJD7 protein_co chr15	41828085	41837581	+	2.76	2.39
ENSG0000(OR7E89P transcribed chr2	1.59E+08	1.59E+08	+	0	0
ENSG0000(SNRPCP10 processed_ chr3	75521803	75522012	+	0	0
ENSG0000(LINC02044 lincRNA chr3	1.13E+08	1.13E+08	-	0	0
ENSG0000(CTB-111H1 sense_ovei chr7	1.06E+08	1.07E+08	-	0.09	0.09

ENSG0000(PEX5L-AS1 antisense chr3	1.8E+08	1.8E+08 +	0	0
ENSG0000(RN7SL461F misc_RNA chr14	56824375	56824656 -	0	0
ENSG0000(RP11-390K processed_chr11	47191181	47191542 -	0	0
ENSG0000(RPL7P18 processed_chr5	94825961	94826694 -	0.09	0
ENSG0000(RP5-1096J antisense chr20	20258407	20267809 -	0	0
ENSG0000(APOBEC3D protein_co chr22	39021113	39033276 +	1.12	1.11
ENSG0000(RP11-678L processed_chr3	1.21E+08	1.21E+08 +	0	0
ENSG0000(RN7SL189F misc_RNA chr14	20963579	20963867 +	0	0
ENSG0000(RP11-372E antisense chr3	1.43E+08	1.43E+08 +	0	0
ENSG0000(RN7SL832F lincRNA chr2	10690344	10692099 +	0.03	0.11
ENSG0000(RP11-2G17 processed_chr3	1.49E+08	1.49E+08 -	0	0
ENSG0000(RPL12P6 processed_chr14	34740336	34740833 -	0	0
ENSG0000(RP11-307F transcribed chr6	64728837	64733837 -	0	0
ENSG0000(CTB-33G10 processed_chr19	49719498	49720081 -	0.12	0
ENSG0000(RP11-113C processed_chr12	8460618	8461232 +	0	0
ENSG0000(RP1-81D8 unprocessed chr6	1.61E+08	1.61E+08 -	0	0
ENSG0000(LINC02000 lincRNA chr3	1.34E+08	1.34E+08 -	0	0
ENSG0000(WDR86-AS processed_chr7	1.51E+08	1.51E+08 +	0	0
ENSG0000(PSMC1P7 processed_chr3	1.61E+08	1.61E+08 -	0	0
ENSG0000(RPL17P33 processed_chr8	29632091	29632644 +	0	0
ENSG0000(RN7SL30P misc_RNA chr9	1.26E+08	1.26E+08 -	0	0
ENSG0000(RN7SL610F misc_RNA chr2	23996795	23997085 -	0	0
ENSG0000(CFAP44-AS antisense chr3	1.13E+08	1.13E+08 +	0	0
ENSG0000(ALDH7A1P processed_chr7	1.51E+08	1.51E+08 -	0	0
ENSG0000(RN7SL67P misc_RNA chr12	19303480	19303775 +	0	0
ENSG0000(RPL12P5 processed_chr14	30791098	30791489 +	0	0
ENSG0000(RN7SL551F misc_RNA chr18	74227506	74227803 +	0	0
ENSG0000(RPL5P17 processed_chr5	85464434	85465310 +	0	0
ENSG0000(RP11-656A lincRNA chr3	1.55E+08	1.55E+08 -	0	0
ENSG0000(RPS3AP50 processed_chr19	33340686	33341984 +	0	0
ENSG0000(RN7SL236F misc_RNA chr17	78370852	78371135 -	0	0
ENSG0000(RN7SL487F misc_RNA chr15	43391384	43391727 -	0	0
ENSG0000(RN7SL464F misc_RNA chr1	2.21E+08	2.21E+08 -	0	0
ENSG0000(HMGB1P3 processed_chr3	70753854	70754573 +	0	0
ENSG0000(HMGB1P3 processed_chr3	79957566	79958142 -	0	0
ENSG0000(RN7SL419F misc_RNA chr4	1.53E+08	1.53E+08 -	0	0
ENSG0000(RP11-278L lincRNA chr3	1.49E+08	1.49E+08 -	0	0
ENSG0000(RP11-575C processed_chr3	1.38E+08	1.38E+08 -	0	0
ENSG0000(RP11-548B 3prime_ov chr9	69428248	69428721 -	1.28	0
ENSG0000(TRBV8-1 TR_V_pseu chr7	1.42E+08	1.42E+08 +	0	0
ENSG0000(RP11-489N processed_chr4	4076711	4077491 -	0	0
ENSG0000(OR2A7 protein_co chr7	1.44E+08	1.44E+08 -	0.21	0.53
ENSG0000(RN7SL320F misc_RNA chr13	51469753	51470047 +	0.37	0
ENSG0000(ELFN2 sense_ovei chr22	37339583	37427445 -	0	0
ENSG0000(RP11-285B lincRNA chr3	59380024	59388704 -	0	0

ENSG0000(RPSAP5 processed_chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(RN7SL679F misc_RNA chr1	26593243	26593546	-	0	0
ENSG0000(TUBA4B protein_co chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(RN7SL430F misc_RNA chr9	1.12E+08	1.12E+08	-	0	0
ENSG0000(RPL5P14 processed_chr5	31847271	31848148	+	0.21	0.08
ENSG0000(THAP12P2 processed_chr3	86012561	86015120	+	0	0
ENSG0000(RP11-6K23 processed_chr12	15439527	15440401	+	0	0
ENSG0000(EIF4BP8 processed_chr3	1.23E+08	1.23E+08	+	0.03	0
ENSG0000(RPS26P24 processed_chr4	57352999	57353329	-	0	0
ENSG0000(RPS24P18 processed_chr18	26098839	26099226	+	0	0
ENSG0000(TIPARP-AS: antisense chr3	1.57E+08	1.57E+08	-	1.22	0.4
ENSG0000(MRPS6 protein_co chr21	34073224	34143034	+	22.11	25.42
ENSG0000(RP11-61F5 processed_chr4	51978079	51978372	-	0	0
ENSG0000(RPS12P21 processed_chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-200A processed_chr8	1.05E+08	1.05E+08	-	0	0
ENSG0000(ZNF512 protein_co chr2	27582969	27623215	+	9.59	9.95
ENSG0000(RP11-167H antisense chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-696F processed_chr3	1.1E+08	1.1E+08	-	0	0
ENSG0000(RN7SL308F misc_RNA chr8	80776666	80776962	-	0	0
ENSG0000(RP11-439C lincRNA chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(RN7SL743F misc_RNA chr16	8683254	8683551	+	0	0
ENSG0000(GSTA1 protein_co chr6	52791664	52803910	-	0	0
ENSG0000(RN7SL647F misc_RNA chr3	78115158	78115457	+	0	0
ENSG0000(RN7SL684F misc_RNA chr5	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-552N sense_ovei chr1	1.11E+08	1.11E+08	-	1.21	0.69
ENSG0000(RP5-839B4 lincRNA chr20	9986088	10007116	+	0	0
ENSG0000(RPL23AP65 processed_chr11	9606142	9606609	+	0	0
ENSG0000(NBPF5P transcribec chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(RN7SL402F misc_RNA chr19	35881890	35882153	+	0	0
ENSG0000(RP11-439C lincRNA chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(PPIEL unprocessε chr1	39531838	39558707	-	0.24	0.18
ENSG0000(VTI1BP1 processed_chr3	1E+08	1E+08	+	0	0
ENSG0000(RN7SL523F misc_RNA chr14	1E+08	1E+08	-	0	0
ENSG0000(RP11-473P processed_chr3	1.8E+08	1.8E+08	-	0	0
ENSG0000(RGAG1 protein_co chrX	1.1E+08	1.1E+08	+	0.34	0.27
ENSG0000(RP11-347C processed_chr8	94891239	94892107	+	0	0
ENSG0000(RN7SL702F misc_RNA chrY	12273473	12273764	+	0	0
ENSG0000(RP11-368N transcribec chr7	57628479	57645189	-	0	0
ENSG0000(ENO1P3 processed_chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(RPS24P17 processed_chr16	56906534	56906956	+	0	0.21
ENSG0000(ACY1 protein_co chr3	51983278	51989202	+	16.01	12.9
ENSG0000(RN7SL447F misc_RNA chr3	1.94E+08	1.94E+08	-	0	0
ENSG0000(RP1-300I2. processed_chr20	45230868	45233331	+	0	0
ENSG0000(AC006366. processed_chrY	23017063	23017821	+	0	0
ENSG0000(RPSAP39 processed_chr4	80161129	80162011	+	0	0

ENSG0000(RN7SL143F)	misc_RNA	chr16	58770524	58770820	+	0	0
ENSG0000(RP11-1396)	processed	chr4	9563171	9563950	+	0	0
ENSG0000(NFS1)	protein_co	chr20	35668055	35699359	-	11.78	14.29
ENSG0000(RN7SL799F)	misc_RNA	chrX	64210691	64210988	+	0	0
ENSG0000(B3GAT3P1)	processed	chr3	1.6E+08	1.6E+08	+	0	0
ENSG0000(RPL35P6)	processed	chr8	18774547	18774918	-	0.24	0
ENSG0000(RPS2P24)	processed	chr5	77545397	77546266	+	0	0
ENSG0000(MT1HL1)	protein_co	chr1	2.37E+08	2.37E+08	-	0	0
ENSG0000(RP11-50D9)	processed	chr4	1.28E+08	1.28E+08	-	0	0
ENSG0000(LARP7P4)	processed	chr3	1.46E+08	1.46E+08	+	0	0
ENSG0000(KRTAP19-3)	protein_co	chr21	30491464	30491985	-	0	0
ENSG0000(FAM86DP)	transcribec	chr3	75421552	75435110	-	5.4	4.7
ENSG0000(RPS3AP17)	processed	chr4	29962644	29963758	-	0	0
ENSG0000(RN7SL228F)	misc_RNA	chr8	1.17E+08	1.17E+08	+	0	0
ENSG0000(RN7SL424F)	misc_RNA	chr4	55063738	55064026	+	0	0
ENSG0000(RP11-306G)	antisense	chr7	1.3E+08	1.3E+08	+	0.08	0.13
ENSG0000(DDOST)	protein_co	chr1	20651767	20661544	-	233.31	237.15
ENSG0000(RP11-379K)	processed	chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(IL12A-AS1)	antisense	chr3	1.6E+08	1.6E+08	-	0	0.18
ENSG0000(LINC01011)	lincRNA	chr6	2987967	2991173	+	0.91	0.76
ENSG0000(RPS27P27)	processed	chr16	59088837	59089091	+	0	0
ENSG0000(RN7SL735F)	misc_RNA	chr17	66364029	66364320	+	0	0
ENSG0000(TMEM199)	protein_co	chr17	28357581	28363683	+	13.29	12.48
ENSG0000(RPS18P6)	processed	chr3	95171920	95172377	+	0	0
ENSG0000(RP11-266K)	transcribec	chr12	8199599	8218911	-	0	0
ENSG0000(RPL5P24)	processed	chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RPL13AP2)	processed	chr14	47200575	47201104	-	0	0
ENSG0000(AC007566)	antisense	chr7	92457564	92491610	+	1.96	0.72
ENSG0000(RN7SL417F)	misc_RNA	chr15	84394072	84394336	+	0	0
ENSG0000(LCE3C)	protein_co	chr1	1.53E+08	1.53E+08	+	0	0
ENSG0000(RPS2P41)	processed	chr12	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-389C)	processed	chr5	72381794	72382393	+	0	0
ENSG0000(RP11-404G)	processed	chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(AC024704)	lincRNA	chr2	1.14E+08	1.14E+08	-	0	0.44
ENSG0000(MARK2P17)	processed	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RN7SL148F)	misc_RNA	chr1	2.44E+08	2.44E+08	+	0	0
ENSG0000(GSTA2)	protein_co	chr6	52750089	52763569	-	0	0
ENSG0000(RPL9P33)	processed	chr19	51621136	51621701	+	0	0
ENSG0000(RPS4XP6)	processed	chr5	37085056	37085852	+	0	0
ENSG0000(CTC-512J14)	processed	chr5	80315671	80315826	+	0	0
ENSG0000(RN7SL833F)	misc_RNA	chr19	11516047	11516330	-	0	0
ENSG0000(RP11-350D)	unprocessε	chr9	63025597	63025993	+	0	0
ENSG0000(RP11-170N)	processed	chr4	1.23E+08	1.23E+08	-	0	0
ENSG0000(RPS20P35)	processed	chr17	38855314	38855670	+	0	1.72
ENSG0000(RPL23AP44)	processed	chr5	1.22E+08	1.22E+08	-	0	0

ENSG0000(HMGB1P3)	processed_chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(RN7SL483F)	misc_RNA_chr12	94515476	94515760	+	0	0
ENSG0000(SPRR2F)	protein_co_chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(RPS4XP17)	processed_chr17	656794	657547	-	0	0
ENSG0000(RPS23P3)	processed_chr4	66431092	66431521	+	0	0
ENSG0000(HMGN1P1)	processed_chr3	1.37E+08	1.37E+08	+	0	0
ENSG0000(RN7SL659F)	misc_RNA_chr9	1.08E+08	1.08E+08	-	0	0
ENSG0000(RN7SL250F)	misc_RNA_chr8	54420468	54420725	+	0	0
ENSG0000(RN7SL508F)	misc_RNA_chr12	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-468H)	processed_chr8	17150301	17150888	-	0	0
ENSG0000(DNAJC25-C)	protein_co_chr9	1.12E+08	1.12E+08	+	4.52	5.01
ENSG0000(IGKV2-28)	IG_V_gene_chr2	89221698	89222461	-	0	0
ENSG0000(PDCL3P4)	processed_chr3	1.02E+08	1.02E+08	+	0.1	0.11
ENSG0000(UGT1A7)	protein_co_chr2	2.34E+08	2.34E+08	+	0.17	0.19
ENSG0000(ATP1B3-AS)	antisense_chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(AC078882)	sense_ovei_chr2	1.42E+08	1.42E+08	-	0	0
ENSG0000(LINC01322)	lincRNA_chr3	1.65E+08	1.66E+08	+	0	0.06
ENSG0000(UBE2Q2P9)	processed_chr3	72006774	72006975	+	0	0
ENSG0000(RPSAP51)	processed_chr12	8742428	8743072	+	0	0
ENSG0000(RPS12P20)	processed_chr11	72708186	72708565	+	0	0
ENSG0000(RP11-99J1)	antisense_chr1	2.31E+08	2.31E+08	-	0	0
ENSG0000(RN7SL397F)	misc_RNA_chr3	1.2E+08	1.2E+08	+	0	0
ENSG0000(ATP6V0CP)	processed_chr3	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-757F)	processed_chr3	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-366N)	processed_chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-148K)	antisense_chr7	1.51E+08	1.51E+08	-	0	0.16
ENSG0000(WWP1P1)	processed_chr3	98657802	98660570	+	0	0
ENSG0000(CYP4F34P)	unprocessε_chr13	18741730	18742718	-	0	0
ENSG0000(EIF4E2P2)	processed_chr3	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP1-93H18)	antisense_chr6	1.16E+08	1.16E+08	-	0	0
ENSG0000(RPS27AP1)	processed_chr8	53887008	53887244	-	0	0
ENSG0000(FLNB-AS1)	antisense_chr3	58162547	58170636	-	0	0
ENSG0000(P2RY11)	protein_co_chr19	10111538	10115372	+	3.45	3.02
ENSG0000(RP4-733B9)	processed_chr7	7177952	7178324	+	0	0
ENSG0000(RN7SL120F)	misc_RNA_chr3	1065580	1065875	-	0	0
ENSG0000(PBX2P1)	processed_chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-810P)	processed_chr11	62011751	62012602	-	0	0
ENSG0000(RP11-641C)	processed_chr3	60732144	60732636	-	0	0
ENSG0000(RP11-314A)	antisense_chr17	4704230	4705529	+	0	0.18
ENSG0000(TMEM141)	protein_co_chr9	1.37E+08	1.37E+08	+	42.42	38.61
ENSG0000(RP11-114H)	processed_chr5	1.31E+08	1.31E+08	+	0	0.15
ENSG0000(RP11-379K)	transcribec_chr3	1.7E+08	1.7E+08	-	0	0
ENSG0000(RN7SL218F)	misc_RNA_chr4	74011578	74011876	+	0	0
ENSG0000(PPIAP15)	processed_chr3	1.09E+08	1.09E+08	-	0	0
ENSG0000(RN7SL766F)	misc_RNA_chr13	21790537	21790845	+	0	0

ENSG0000(RP4-545C2 antisense chr7	1.44E+08	1.44E+08 +	3.51	4.63
ENSG0000(EIF4EP3 processed_chr3	1.82E+08	1.82E+08 -	0	0
ENSG0000(FOXP1-AS1 antisense chr3	71289769	71305853 +	0	0
ENSG0000(PDZK1P1 unprocessε chr1	1.48E+08	1.48E+08 -	0	0
ENSG0000(ZFAND6P1 processed_chr9	35449748	35450352 +	0	0
ENSG0000(LINC02016 lincRNA chr3	1.27E+08	1.27E+08 -	0	0
ENSG0000(RPS4XP10 processed_chr8	94352923	94353653 +	0	0
ENSG0000(RN7SL81P misc_RNA chr7	1.29E+08	1.29E+08 +	2.4	0.53
ENSG0000(GS1-259H1 protein_co chr7	99598066	99610813 +	0.79	1.06
ENSG0000(OR7E121P unprocessε chr3	75598652	75599673 -	0	0
ENSG0000(ILF2P1 processed_chr3	65687301	65688468 +	0	0
ENSG0000(LRRC77P transcribec chr3	1.68E+08	1.68E+08 +	0	0
ENSG0000(RPL26P35 processed_chr18	76834429	76834888 -	0	0
ENSG0000(RN7SL151F misc_RNA chr9	21699314	21699596 +	0	0
ENSG0000(CSPG4P2Y processed_chrY	24183434	24187231 -	0	0
ENSG0000(RN7SL698F misc_RNA chr3	1.29E+08	1.29E+08 +	0	0
ENSG0000(GMCL1P1 processed_chr5	1.78E+08	1.78E+08 -	0	0
ENSG0000(RP11-589C processed_chr8	42101318	42101836 +	0	0
ENSG0000(RN7SL604F misc_RNA chr2	69516751	69517046 +	0	0
ENSG0000(RP11-1046 processed_chr14	69561019	69561470 -	0	0
ENSG0000(AC007009. antisense chr7	8262233	8262821 +	0	0
ENSG0000(IFITM10 protein_co chr11	1732410	1750591 -	0.23	0.59
ENSG0000(RPS3AP42 processed_chr11	92498152	92498935 -	0	0
ENSG0000(RP11-120B processed_chr5	1.09E+08	1.09E+08 +	0	0
ENSG0000(ZNF736P8Y processed_chrY	7913422	7914090 -	0	0
ENSG0000(LINC01995 lincRNA chr3	1.82E+08	1.83E+08 -	0	0
ENSG0000(RP11-441N processed_chr3	1.59E+08	1.59E+08 -	0	0
ENSG0000(RP11-64K1 processed_chr15	40480752	40481315 -	0.13	0.28
ENSG0000(RPS29P24 processed_chr19	39588955	39589125 +	0	0
ENSG0000(XXbac-BPG protein_co chr6	31927698	31952048 +	1.49	0.68
ENSG0000(RN7SL130F misc_RNA chr1	63655743	63656047 +	0	0.38
ENSG0000(PKD1P1 unprocessε chr16	16310341	16334190 +	12.77	13.31
ENSG0000(AP000797. processed_chr11	1.16E+08	1.16E+08 -	0	0
ENSG0000(RP11-521D lincRNA chr2	9674023	9708413 +	0	0
ENSG0000(RN7SL597F misc_RNA chr13	41121876	41122171 +	0	0
ENSG0000(SIAH2-AS1 antisense chr3	1.51E+08	1.51E+08 +	0.18	0
ENSG0000(RP11-112N processed_chr12	50365652	50366086 +	0	0
ENSG0000(RPL34P22 processed_chr11	44629357	44629674 +	0	0
ENSG0000(RP11-529G antisense chr3	1.53E+08	1.53E+08 -	0	0
ENSG0000(RPL32P29 processed_chr14	49577392	49577794 -	15.65	16.52
ENSG0000(PGBD4P1 processed_chr7	1.43E+08	1.43E+08 +	0	0
ENSG0000(DBNDD2 protein_co chr20	45406057	45410610 +	20.3	25.82
ENSG0000(AP000235. lincRNA chr21	25055535	25069906 +	0	0
ENSG0000(ECEL1P2 transcribec chr2	2.32E+08	2.32E+08 -	0	0
ENSG0000(RP11-564P processed_chr3	81366990	81368021 -	0	0

ENSG0000(RPL23AP73 processed_ chr17	6749718	6750188	+	0	0
ENSG0000(ITGB5-AS1 antisense chr3	1.25E+08	1.25E+08	+	0	0
ENSG0000(RPS3AP35 processed_ chr8	12628476	12629256	-	0	0
ENSG0000(OR9N1P transcribed chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RN7SL740F misc_RNA chr21	33918995	33919338	-	0.27	0.67
ENSG0000(RPS20P21 processed_ chr8	73982125	73982467	+	0	0
ENSG0000(RN7SL168F misc_RNA chr22	19365766	19366044	+	0	0
ENSG0000(RN7SL465F misc_RNA chr6	38744086	38744386	+	0	0
ENSG0000(GATA2-AS1 antisense chr3	1.28E+08	1.29E+08	+	2.17	3.45
ENSG0000(AOX3P transcribed chr2	2.01E+08	2.01E+08	+	0.03	0
ENSG0000(PEX5L-AS2 antisense chr3	1.8E+08	1.8E+08	+	0	0
ENSG0000(DUXAP10 transcribed chr14	19284653	19337730	-	2.11	1.06
ENSG0000(RN7SL395F misc_RNA chr8	1.45E+08	1.45E+08	+	0	0
ENSG0000(RN7SL762F misc_RNA chr3	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-734K lincRNA chr2	9115197	9116884	+	0.73	0
ENSG0000(RP11-425L processed_ chr11	46428653	46429150	-	0	0
ENSG0000(RN7SL36P misc_RNA chr3	1.95E+08	1.95E+08	-	0	0
ENSG0000(RN7SL252F misc_RNA chr7	96940068	96940364	-	0	0
ENSG0000(LINC01326 lincRNA chr3	1.67E+08	1.67E+08	-	0	0
ENSG0000(RN7SL814F misc_RNA chr5	74317986	74318285	+	0	0
ENSG0000(RP11-383G sense_ovei chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(RN7SL845F misc_RNA chr7	1.53E+08	1.53E+08	+	0	0
ENSG0000(UBA52P9 processed_ chr18	27355406	27355764	-	0	0
ENSG0000(CTB-47B8.1 processed_ chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-119K sense_ovei chr10	94577439	94611238	+	0	0
ENSG0000(RN7SL687F misc_RNA chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(AJ239322.3 lincRNA chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(LINC00698 lincRNA chr3	62950430	63125062	+	0	0
ENSG0000(RP11-654C lincRNA chr3	72504806	72550552	-	0	0
ENSG0000(RP11-531F processed_ chr3	1.83E+08	1.83E+08	-	0	0
ENSG0000(HCG16 antisense chr6	28986800	28988536	+	0	0
ENSG0000(LY6G6D protein_co chr6	31715356	31717804	+	0	0
ENSG0000(RN7SL398F misc_RNA chr10	33288304	33288601	-	0.36	0
ENSG0000(RN7SL145F misc_RNA chr3	45742675	45742970	+	0	0.81
ENSG0000(RP11-88H1 lincRNA chr3	1.46E+08	1.46E+08	+	0	0
ENSG0000(RPL30P7 processed_ chr5	10488820	10489142	+	0	0
ENSG0000(KRTAP19-7 protein_co chr21	30560875	30561314	-	0	0
ENSG0000(RPL7P23 processed_ chr5	77582376	77583122	+	0	0.1
ENSG0000(PFN1P8 processed_ chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(RN7SL423F misc_RNA chr2	1.61E+08	1.61E+08	+	0	0
ENSG0000(RN7SL636F misc_RNA chr20	50429190	50429483	-	0	0
ENSG0000(RPS2P45 transcribed chr16	69033675	69036042	+	0	0.03
ENSG0000(RP11-24C3 antisense chr3	48440352	48446656	-	0.14	0.16
ENSG0000(RP11-3K16 processed_ chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(FAM3D-AS antisense chr3	58607080	58634440	+	0	0.09

ENSG0000(RN7SL359F)	misc_RNA	chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(RN7SL242F)	misc_RNA	chr1	70180144	70180440	-	0	0
ENSG0000(RPS6P22)	processed	chr12	59020169	59020894	+	0	0
ENSG0000(RN7SL330F)	misc_RNA	chr12	94361220	94361526	+	0	0
ENSG0000(RN7SL869F)	misc_RNA	chr7	80245926	80246225	+	0	0
ENSG0000(RBMY1D)	protein_co	chrY	21880076	21894526	-	0	0.01
ENSG0000(RP11-466H)	processed	chr11	16974693	16975013	-	64.08	79.83
ENSG0000(RN7SL251F)	misc_RNA	chr2	85442495	85442791	+	0.36	0
ENSG0000(RPS4XP12)	processed	chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(RN7SL314F)	misc_RNA	chr10	37297398	37297689	+	0	0
ENSG0000(RN7SL216F)	misc_RNA	chr3	25020166	25020463	-	0	0
ENSG0000(ETV5)	protein_co	chr3	1.86E+08	1.86E+08	-	3.09	2.87
ENSG0000(KRTAP5-7)	protein_co	chr11	71527267	71528674	+	0	0
ENSG0000(RPL23AP56)	processed	chr8	1.35E+08	1.35E+08	-	0	0
ENSG0000(CFHR1)	protein_co	chr1	1.97E+08	1.97E+08	+	0.7	0.68
ENSG0000(RPL38P3)	processed	chr4	54976159	54976371	-	0	0
ENSG0000(RN7SL268F)	misc_RNA	chr22	23879493	23879790	-	0	0
ENSG0000(RP11-52B1)	processed	chr8	8095946	8096726	+	0	0
ENSG0000(RP11-12N1)	processed	chr3	1.66E+08	1.66E+08	+	0	0
ENSG0000(RPL39P28)	processed	chr12	68001394	68001548	-	0	0
ENSG0000(RP11-428G)	processed	chr12	31897820	31898123	+	0	0
ENSG0000(IGKV3-15)	IG_V_gene	chr2	89085177	89085787	-	0	0
ENSG0000(RP11-359H)	processed	chr3	1.21E+08	1.21E+08	+	0	0.31
ENSG0000(RPL34P21)	processed	chr11	1.3E+08	1.3E+08	-	0	0
ENSG0000(AC090774)	transcribed	chr17	20956682	20958404	+	0	0
ENSG0000(ENO1P1)	transcribed	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(RP11-1398)	lincRNA	chr4	1574062	1580253	-	2.32	2.28
ENSG0000(LINC02077)	lincRNA	chr3	78038705	78046794	-	0	0
ENSG0000(RBM12)	protein_co	chr20	35648925	35664956	-	19.81	15.62
ENSG0000(RP11-201E)	lincRNA	chr3	99598064	99623820	+	0	0
ENSG0000(RP11-206N)	antisense	chr3	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-395N)	processed	chr4	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-78J2)	lincRNA	chr13	52488993	52499305	+	0	0
ENSG0000(UGT1A4)	protein_co	chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(ERVFRD-1)	protein_co	chr6	11102489	11111732	-	0	0
ENSG0000(OR2A1-AS1)	antisense	chr7	1.44E+08	1.44E+08	-	5.22	4.09
ENSG0000(AC005154)	transcribed	chr7	30523143	30524535	-	0.8	2.32
ENSG0000(LILRA6)	protein_co	chr19	54236592	54242791	-	0	0
ENSG0000(RPL18P13)	processed	chr16	76235055	76235623	-	0	0
ENSG0000(SCARF2)	protein_co	chr22	20424815	20437826	-	14.39	12.73
ENSG0000(RWDD4P1)	processed	chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP3-508I15)	antisense	chr22	38734725	38738765	+	0	0
ENSG0000(SLC9A9-AS)	antisense	chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RN7SL623F)	misc_RNA	chr5	1.71E+08	1.71E+08	+	0	0
ENSG0000(HDAC11-A)	antisense	chr3	13476982	13480053	-	0	0

ENSG0000(RP11-278L processed_chr3	1.49E+08	1.49E+08	+	0	0
ENSG0000(APOBEC3C protein_co chr22	39014083	39020352	+	38.36	39.94
ENSG0000(GS1-124K5 transcribec chr7	66480394	66490108	-	0	0
ENSG0000(RN7SL28P misc_RNA chr4	1.84E+08	1.84E+08	+	0	0
ENSG0000(CTD-2013N antisense chr3	69013941	69056622	+	0.18	0.39
ENSG0000(RN7SL125F misc_RNA chr17	48765554	48765847	-	0	0
ENSG0000(KRT18P34 processed_chr3	1.57E+08	1.57E+08	-	0	0
ENSG0000(RN7SL700F misc_RNA chr13	47458941	47459234	-	0	0
ENSG0000(RP11-254G processed_chr18	21119182	21119661	-	0	0
ENSG0000(SEPT14P2 processed_chr2	2.42E+08	2.42E+08	+	0	6.04
ENSG0000(RN7SL380F misc_RNA chr12	6783854	6784161	-	0	0
ENSG0000(RN7SL211F misc_RNA chr2	64906863	64907138	-	0	0
ENSG0000(RP1-181J2 processed_chr11	32758268	32758614	+	0	0
ENSG0000(KRTAP4-2 protein_co chr17	41177446	41178208	-	0	0
ENSG0000(RP11-10G1 processed_chr4	22594196	22594450	+	0	0
ENSG0000(RP11-416A processed_chr12	51106817	51107144	+	0	0
ENSG0000(LINC01213 lincRNA chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(RN7SL446F misc_RNA chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-788A lincRNA chr3	1.53E+08	1.53E+08	+	0	0
ENSG0000(RP5-905H7 processed_chr7	63233115	63241645	-	0	0
ENSG0000(RPL34P29 processed_chr16	49935028	49935352	+	0	0
ENSG0000(ODCP processed_chr7	1.29E+08	1.29E+08	+	0.07	0.11
ENSG0000(KCNK15-AS antisense chr20	44694892	44746021	-	1.73	1.09
ENSG0000(CTD-2377D processed_chr17	48690481	48690624	-	0	0
ENSG0000(RP4-800G7 transcribec chr7	1.49E+08	1.49E+08	+	4.8	8.56
ENSG0000(RP11-702L processed_chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(AC006011 processed_chr2	1.28E+08	1.28E+08	-	3.79	2.2
ENSG0000(RP11-14D2 lincRNA chr3	64445231	64454832	+	0	0
ENSG0000(RP11-222C processed_chr7	1.16E+08	1.16E+08	+	0	0
ENSG0000(RN7SL654F misc_RNA chr1	1.84E+08	1.84E+08	+	0	0
ENSG0000(RPS6P4 processed_chr3	1.63E+08	1.63E+08	+	0	0
ENSG0000(RPL30P11 transcribec chr12	14356842	14365503	-	0	0
ENSG0000(IGKV1-27 IG_V_gene chr2	89213423	89213928	-	0	0
ENSG0000(LINC01391 lincRNA chr3	1.39E+08	1.39E+08	-	0	0
ENSG0000(RPL21P120 processed_chr17	21504558	21505059	+	0	0
ENSG0000(RPL12P33 processed_chr12	1.21E+08	1.21E+08	+	0	0
ENSG0000(WNT5A-AS antisense chr3	55487699	55488308	+	0	0
ENSG0000(RAD21L1 protein_co chr20	1226056	1296421	+	0	0
ENSG0000(RP11-685B processed_chr8	18383274	18383917	-	0.11	0
ENSG0000(RP11-713H processed_chr17	8561230	8561576	+	0.27	0.61
ENSG0000(CCDC13 protein_co chr3	42692663	42773253	-	0.4	0.29
ENSG0000(RN7SL756F misc_RNA chr17	67457023	67457290	-	0	0
ENSG0000(PSPC1P2 transcribec chr13	24566843	24570728	+	0	0
ENSG0000(ASPRV1 protein_co chr2	69960089	69962265	-	0.36	0.59
ENSG0000(RN7SL334F misc_RNA chr6	25031009	25031287	-	0	0

ENSG0000(RP11-3151) antisense	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(AL122127) lincRNA	chr14	1.06E+08	1.06E+08	+	0	0
ENSG0000(RPS17P11) processed	chr5	52282567	52282859	+	0	0
ENSG0000(OR2AE1) protein_co	chr7	99875987	99877057	-	0.06	0
ENSG0000(KRTAP20-1) protein_co	chr21	30616425	30616699	+	0	0
ENSG0000(MIATNB) lincRNA	chr22	26672767	26780207	+	5.53	6.28
ENSG0000(RP3-449O1) transcribed	chr22	38335762	38398929	-	3.97	4.97
ENSG0000(RP11-241J) processed	chr5	80855507	80855843	-	0	0
ENSG0000(RN7SL863F) misc_RNA	chr3	62796124	62796419	-	0	0
ENSG0000(RP11-436J) processed	chr3	68633706	68634356	-	0	0
ENSG0000(RPS26P43) processed	chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(RN7SL396F) misc_RNA	chr8	1.2E+08	1.2E+08	+	0	0
ENSG0000(XKRY2) transcribed	chrY	18128610	18137029	+	0	0
ENSG0000(LINC02086) lincRNA	chr17	48646923	48707346	+	0	0
ENSG0000(RP11-501C) lincRNA	chr3	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-93B2) processed	chr3	1.06E+08	1.06E+08	-	0	0
ENSG0000(UBFD1P1) processed	chr3	98434034	98434847	+	0	0
ENSG0000(GS1-124K5) transcribed	chr7	66485095	66486532	-	0	0
ENSG0000(TRBV12-1) TR_V_pseu	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-6151) processed	chr12	24642687	24643166	+	0	0
ENSG0000(SNRPCP3) processed	chr3	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-158C) processed	chr4	64767130	64767897	-	0	0
ENSG0000(RN7SL280F) misc_RNA	chr22	21722895	21723182	-	0	0
ENSG0000(RPS3AP15) processed	chr3	75542149	75542929	-	0	0
ENSG0000(AC108676) sense_ove	chr3	1.94E+08	1.95E+08	-	0.54	0.5
ENSG0000(AL109761) antisense	chr21	17793488	17810845	+	0	0
ENSG0000(RN7SL706F) misc_RNA	chr14	68149617	68149908	-	0	0
ENSG0000(MTHFD2P1) transcribed	chr3	95654423	95683193	-	0	0
ENSG0000(FCGR2C) polymorph	chr1	1.62E+08	1.62E+08	+	0	0.04
ENSG0000(UBE2V1) protein_co	chr20	50081124	50115959	-	48.97	52.27
ENSG0000(RPL10AP1) processed	chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(RN7SL724F) misc_RNA	chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(CTAGE8) protein_co	chr7	1.44E+08	1.44E+08	-	0.05	0.09
ENSG0000(PTCHD4) protein_co	chr6	47878028	48068689	-	3.26	3.51
ENSG0000(RP11-803B) unprocess	chr3	75384059	75391810	-	0	0
ENSG0000(RP5-894A1) antisense	chr7	1.42E+08	1.42E+08	-	0.5	1.11
ENSG0000(CD46P1) unprocess	chr1	2.08E+08	2.08E+08	+	0	0
ENSG0000(RP11-133K) processed	chr15	40312352	40313289	-	0	0
ENSG0000(RP11-298C) lincRNA	chr3	1.68E+08	1.68E+08	-	0	0
ENSG0000(RPL23P10) processed	chr8	36581180	36581591	-	0	0
ENSG0000(RN7SL47P) misc_RNA	chr6	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-874G) processed	chr12	28564678	28565141	-	0.17	0.18
ENSG0000(RP11-2002) processed	chr1	1.09E+08	1.09E+08	+	0.18	0
ENSG0000(RPS27P14) processed	chr5	69469883	69470136	+	0	0.56
ENSG0000(RP11-402J) processed	chr3	1.12E+08	1.12E+08	+	0	0

ENSG00000100000	RPSAP29	processed	chr3	1.11E+08	1.11E+08	-	0	0
ENSG00000100000	ASLP1	unprocessed	chr22	23649213	23653334	-	0	0.12
ENSG00000100000	RP13-1056	processed	chr3	49775285	49775614	+	0	0
ENSG00000100000	C4A	protein_coding	chr6	31982024	32002681	+	3.71	2.56
ENSG00000100000	RN7SL870F	misc_RNA	chr3	47560229	47560524	-	0	0
ENSG00000100000	RP11-506M	lincRNA	chr10	79660891	79677996	+	0.32	0.63
ENSG00000100000	HBB	protein_coding	chr11	5225464	5229395	-	0	0
ENSG00000100000	RP11-373E	sense_intronic	chr3	1.71E+08	1.71E+08	+	0	0
ENSG00000100000	RP11-463H	processed	chr3	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	RP11-8P13	processed	chr12	32863118	32863433	+	0	0
ENSG00000100000	RN7SL153F	misc_RNA	chr5	72314397	72314688	-	0	0
ENSG00000100000	CRYBB2	protein_coding	chr22	25219522	25231869	+	0	0
ENSG00000100000	RPL15P21	processed	chr17	10860535	10861462	-	0	0
ENSG00000100000	N4BP2L2	protein_coding	chr13	32432417	32538885	-	31.44	32.98
ENSG00000100000	RP11-1042	processed	chr14	60572024	60572311	-	0	0
ENSG00000100000	RP11-45A1	antisense	chr9	1.16E+08	1.16E+08	-	0	0
ENSG00000100000	RP11-65D1	lincRNA	chr8	1.26E+08	1.26E+08	+	0	0
ENSG00000100000	GABPB1-AS1	antisense	chr15	50354959	50372202	+	7.95	7.41
ENSG00000100000	MTCYBP18	processed	chr5	1.35E+08	1.35E+08	-	0	0
ENSG00000100000	ALKBH3-AS1	antisense	chr11	43909292	43920944	-	0	0
ENSG00000100000	RP11-529F	unprocessed	chr3	1.29E+08	1.29E+08	+	0	0
ENSG00000100000	RP11-1379	antisense	chr5	1.8E+08	1.8E+08	-	0.03	0.06
ENSG00000100000	RP11-1000	lincRNA	chr15	32613733	32615111	+	0.77	0.92
ENSG00000100000	RP11-613D	lincRNA	chr11	43943787	43947206	-	0	0
ENSG00000100000	LIFR-AS1	antisense	chr5	38556786	38671216	+	0.25	0.37
ENSG00000100000	CTD-3064M	antisense	chr8	1.41E+08	1.41E+08	-	0	0
ENSG00000100000	RP11-744N	antisense	chr11	1.29E+08	1.29E+08	-	0	0
ENSG00000100000	RP11-181C	lincRNA	chr12	98485544	98503855	-	0.03	0.04
ENSG00000100000	RP11-875C	antisense	chr8	22984596	23019335	-	1.04	0.44
ENSG00000100000	RP11-303E	lincRNA	chr16	81077319	81078861	+	0	0.06
ENSG00000100000	LINC00847	lincRNA	chr5	1.81E+08	1.81E+08	+	5.41	6.14
ENSG00000100000	IGFBP7-AS1	antisense	chr4	57109762	57205510	+	0.99	1.44
ENSG00000100000	RP11-320N	antisense	chr8	95066808	95073182	-	0	0
ENSG00000100000	A2M-AS1	antisense	chr12	9065177	9068060	+	0.03	0.22
ENSG00000100000	SMARCA5-	antisense	chr4	1.44E+08	1.44E+08	-	0.2	0.65
ENSG00000100000	LINC01024	antisense	chr5	1.4E+08	1.4E+08	-	0.68	0.57
ENSG00000100000	ARAP1-AS2	antisense	chr11	72700474	72705607	+	0	0
ENSG00000100000	RNF139-AS1	lincRNA	chr8	1.24E+08	1.24E+08	-	0.88	1.15
ENSG00000100000	RP11-867G	lincRNA	chr11	66269832	66278525	-	0.23	0.21
ENSG00000100000	LINC00861	lincRNA	chr8	1.26E+08	1.26E+08	-	0	0
ENSG00000100000	EEF1A1P4	processed	chr12	19456244	19457648	-	0.02	0
ENSG00000100000	RP11-10K1	antisense	chr4	1.73E+08	1.73E+08	-	0.8	0.71
ENSG00000100000	USP2-AS1	antisense	chr11	1.19E+08	1.2E+08	+	0.07	0.08
ENSG00000100000	RP3-330M	antisense	chr6	43213801	43223860	-	0	0
ENSG00000100000	SAP30L-AS1	antisense	chr5	1.54E+08	1.54E+08	-	1.25	0.69

ENSG00000100000	CTD-2547L antisense	chr8	18084868	18096394	+	0	0.53
ENSG00000100000	RP11-286E antisense	chr4	1.08E+08	1.08E+08	-	0	0
ENSG00000100000	ARNTL2-AS antisense	chr12	27389789	27446625	-	0	0
ENSG00000100000	CTC-241N9 lincRNA	chr5	1.8E+08	1.8E+08	+	0.4	0.65
ENSG00000100000	RP11-15B1 antisense	chr4	99950006	1E+08	+	0.16	0
ENSG00000100000	KB-1471A8 lincRNA	chr8	1.2E+08	1.2E+08	-	0.18	0.13
ENSG00000100000	CXXC4-AS1 antisense	chr4	1.04E+08	1.05E+08	+	0	0
ENSG00000100000	RP11-334E antisense	chr11	1.19E+08	1.19E+08	-	0	0
ENSG00000100000	CTD-2540L lincRNA	chr14	70608798	70641298	-	0	0
ENSG00000100000	RP11-367J: lincRNA	chr4	7094571	7103385	-	0.11	0.13
ENSG00000100000	LINC01585 sense_ov	chr15	90660234	90664967	+	0.05	0
ENSG00000100000	RP11-847H antisense	chr12	34022281	34046417	-	0	0
ENSG00000100000	RP11-677N antisense	chr11	1.25E+08	1.25E+08	+	0.33	0.41
ENSG00000100000	RP11-540A lincRNA	chr11	9754770	9759533	-	0.74	0.84
ENSG00000100000	LINC00461 lincRNA	chr5	88507546	88691041	-	0	0
ENSG00000100000	NEAT1 lincRNA	chr11	65422774	65445540	+	448.03	462.22
ENSG00000100000	RORA-AS1 antisense	chr15	60479178	60630637	+	0	0
ENSG00000100000	RP11-712B antisense	chr11	95150539	95234104	+	0.62	0.65
ENSG00000100000	SCAMP1-A: lincRNA	chr5	78342365	78360507	-	2.64	2.01
ENSG00000100000	AP001258: lincRNA	chr11	59130133	59143015	-	3.93	3.15
ENSG00000100000	BDNF-AS antisense	chr11	27506838	27698174	+	2.08	2.78
ENSG00000100000	DACT3-AS1 antisense	chr19	46660364	46677447	+	0.15	0.1
ENSG00000100000	DDX11-AS1 antisense	chr12	31020763	31073847	-	0.18	0.35
ENSG00000100000	RP11-277P antisense	chr12	10363769	10398506	+	0	0.06
ENSG00000100000	RP11-620J: lincRNA	chr12	57869835	57896482	-	0.03	0.03
ENSG00000100000	LINC02211 lincRNA	chr5	25190682	25306172	+	0	0
ENSG00000100000	RP5-940J5: antisense	chr12	6543504	6544931	+	0	0
ENSG00000100000	ZNF585B protein_co	chr19	37181579	37218153	-	4.98	3.46
ENSG00000100000	AF146191: lincRNA	chr4	1.9E+08	1.9E+08	-	0.15	0.16
ENSG00000100000	CTB-26E19 sense_intr	chr5	1.78E+08	1.78E+08	-	0	0
ENSG00000100000	CRNDE lincRNA	chr16	54845189	54929189	-	7.04	8.86
ENSG00000100000	NADK2-AS: antisense	chr5	36221055	36221902	+	0	0
ENSG00000100000	RP11-34F1 lincRNA	chr15	67834310	67838879	-	0	0
ENSG00000100000	RP11-480D lincRNA	chr5	8333481	8457558	-	0.04	0
ENSG00000100000	RP11-367J: antisense	chr4	7030554	7046231	-	0	0.01
ENSG00000100000	DRAIC lincRNA	chr15	69463026	69571440	+	0	0.26
ENSG00000100000	RP11-410D lincRNA	chr16	58733912	59108974	+	0	0
ENSG00000100000	LINC02202 lincRNA	chr5	1.59E+08	1.59E+08	+	1.04	0.76
ENSG00000100000	MIR4300H: lincRNA	chr11	81879851	82718082	-	0	0
ENSG00000100000	CEBPA protein_co	chr19	33299934	33302564	-	0.02	0.02
ENSG00000100000	RAD51-AS1 processed_	chr15	40686724	40695107	-	5.26	3.44
ENSG00000100000	GS1-24F4.2 lincRNA	chr8	6835554	6885276	+	0	0
ENSG00000100000	CTC-467M: antisense	chr5	88676218	88722831	+	0	0
ENSG00000100000	RP11-158I: antisense	chr11	1.19E+08	1.19E+08	-	0	0
ENSG00000100000	LINC00682 lincRNA	chr4	41872747	41882955	-	0	0

ENSG000001721408	antisense	chr16	27268205	27290492	+	0.02	0
ENSG000001796E	antisense	chr12	92145573	92189660	+	0.01	0.08
ENSG00000154566	processed_lincRNA	chr8	66921684	66926398	-	42.55	42.22
ENSG000001630D	antisense	chr4	75980790	76005942	+	0.08	0.11
ENSG00000181184	lincRNA	chr5	1.28E+08	1.28E+08	-	7.26	10.34
ENSG000001618H2	lincRNA	chr4	1.52E+08	1.52E+08	+	0	0
ENSG000001633B1	transcribed_lincRNA	chr4	1.19E+08	1.2E+08	+	8.89	8.92
ENSG00000161208A1	antisense	chr8	98041726	98044121	+	0.03	0
ENSG000001630K9	lincRNA	chr15	58768072	58770974	-	0.26	0.46
ENSG00000151513	antisense	chr5	10479371	10482309	+	0	0.17
ENSG000001611L1-A	antisense	chr3	1.26E+08	1.26E+08	+	0	0
ENSG000001630AS1	lincRNA	chr11	83072066	83106719	+	3.24	4.95
ENSG000001616P1	transcribed_lincRNA	chr3	1.31E+08	1.31E+08	+	0	0.11
ENSG00000162506J	lincRNA	chr14	97458816	97581601	+	0	0
ENSG0000016115C	antisense	chr8	6403551	6407142	-	3.17	2.03
ENSG00000161696N	antisense	chr4	99088857	99301356	+	2.58	1.68
ENSG00000151096	lincRNA	chr4	13546075	13547801	-	0	0
ENSG000001510900	lincRNA	chr11	1.16E+08	1.16E+08	-	0.02	0.55
ENSG000001614H1P	processed_lincRNA	chr12	8512374	8512726	-	0	0
ENSG00000161875C	antisense	chr8	23068229	23083619	+	0.06	0.02
ENSG000001618AS1	lincRNA	chr8	66419589	66428977	-	0.03	0.03
ENSG000001612D21-AS	antisense	chr11	78139771	78175323	+	2.18	1.59
ENSG0000016129H2	unprocessed_lincRNA	chr1	1.56E+08	1.56E+08	-	0.89	0.63
ENSG00000161632K	lincRNA	chr11	74311362	74324705	+	0	0
ENSG00000161260E	antisense	chr5	16615926	16629969	+	0	0
ENSG00000151550	lincRNA	chr14	97925610	97978124	-	0.2	0.03
ENSG0000016117A1	antisense	chr11	22829380	22945393	+	0	0
ENSG000001618C8	antisense	chr8	1.27E+08	1.27E+08	-	0.08	0.29
ENSG00000161613D	antisense	chr11	43829709	43880726	-	0	0
ENSG000001618R5-AS1	antisense	chr8	1.02E+08	1.02E+08	+	0.68	0.42
ENSG000001618F2-AS1	antisense	chr11	9758292	9811319	+	0.97	2.54
ENSG000001612D-2036P	lincRNA	chr15	42739118	42743202	+	0.06	0.03
ENSG0000016185N	antisense	chr11	10809297	10822931	+	0	0.26
ENSG00000161892A	antisense	chr5	1.14E+08	1.15E+08	-	0	0
ENSG00000161825L	antisense	chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000016177I2	lincRNA	chr12	30755074	30780739	+	0.07	0.04
ENSG000001618R7-AS1	antisense	chr5	1.77E+08	1.77E+08	-	0	0
ENSG000001618TL3-AS1	antisense	chr8	28696198	28701464	-	0.31	1.19
ENSG000001618P5-1186N	antisense	chr6	28587378	28591747	+	0	0
ENSG00000161813A1	lincRNA	chr12	89010681	89019679	-	0	0.08
ENSG000001618ACTB2-AS	antisense	chr8	70608577	70663279	+	0.5	0.16
ENSG00000161810L7	lincRNA	chr4	88284942	88331421	+	0.1	0.08
ENSG000001618461C	lincRNA	chr16	56092987	56191094	-	0	0.02
ENSG000001618386I	lincRNA	chr12	1.33E+08	1.33E+08	-	0	0
ENSG000001618204I	antisense	chr5	1.42E+08	1.42E+08	+	0	0

ENSG0000(LINC00968 lincRNA	chr8	56496246	56559823	-	1.82	1.11
ENSG0000(RP13-578N antisense	chr4	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-894P antisense	chr14	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-57A1 lincRNA	chr16	28284885	28292064	-	0.07	0.07
ENSG0000(AF131216. antisense	chr8	11315859	11325429	-	0	0
ENSG0000(RP11-736K lincRNA	chr11	86955619	87000959	+	0.26	0.48
ENSG0000(RP11-539L lincRNA	chr4	6687448	6690519	-	0	0.03
ENSG0000(RP11-159H antisense	chr8	69834111	69854971	+	0	0
ENSG0000(RP11-363G lincRNA	chr4	94117792	94207556	-	0	0
ENSG0000(RP11-7F17 lincRNA	chr14	77041064	77069503	+	0.02	0.08
ENSG0000(RP11-10L1 antisense	chr4	1.03E+08	1.03E+08	+	0.92	1.32
ENSG0000(AC093162. unprocessε	chr2	85315041	85316529	+	0.09	0
ENSG0000(RP11-1149 processed_	chr8	23224471	23230926	+	2.71	2.15
ENSG0000(RP11-1277 transcribec	chr5	1.78E+08	1.78E+08	-	2.03	1.92
ENSG0000(CACNA1C-/ antisense	chr12	2676001	2691200	-	0	0.03
ENSG0000(RP11-1094 lincRNA	chr17	50050349	50055739	-	0.02	0.02
ENSG0000(LINC00535 antisense	chr8	93213302	93700433	-	0.2	0.19
ENSG0000(RASSF8-AS antisense	chr12	25939329	25959765	-	10.74	10.85
ENSG0000(H2AFJ protein_co	chr12	14774383	14778002	+	59.94	56.07
ENSG0000(MGC16275 antisense	chr17	74209980	74213342	-	0.13	0.27
ENSG0000(PLA2G4E-A antisense	chr15	41972763	41999094	+	0.02	0.05
ENSG0000(RGMB-AS1 antisense	chr5	98769618	98773469	-	0.19	0.99
ENSG0000(AC004051. lincRNA	chr4	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-61A1 lincRNA	chr16	66751752	66754740	+	0.06	0.19
ENSG0000(RP11-730K antisense	chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-68L1 antisense	chr8	90646441	90656598	+	0.11	0.12
ENSG0000(RP11-379P lincRNA	chr11	8169167	8178903	+	0	0
ENSG0000(RP11-544A antisense	chr9	1.31E+08	1.31E+08	-	0	0
ENSG0000(STARD4-AS antisense	chr5	1.12E+08	1.12E+08	+	0.11	0.05
ENSG0000(RP11-325N lincRNA	chr15	39921042	39925880	+	0.02	0.02
ENSG0000(RP11-519M lincRNA	chr4	1.3E+08	1.3E+08	-	0	0
ENSG0000(DNM1P35 antisense	chr15	75727670	75738623	-	0.05	0.04
ENSG0000(AP000487. antisense	chr11	70372246	70398488	-	0.26	0.07
ENSG0000(LINC00920 lincRNA	chr16	66408524	66412135	+	0.7	0.54
ENSG0000(UBAP1L protein_co	chr15	65092770	65115197	-	0.66	0.55
ENSG0000(RP1-179N1 antisense	chr6	36146698	36197205	-	0.24	0.63
ENSG0000(SOCS2-AS1 processed_	chr12	93542463	93571768	-	0.74	0.41
ENSG0000(RP11-700H lincRNA	chr17	50934989	50944713	-	0	0
ENSG0000(RP11-252E antisense	chr16	75108601	75110712	-	0	0
ENSG0000(CTC-338M antisense	chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(PGAM5 protein_co	chr12	1.33E+08	1.33E+08	+	4.25	4.52
ENSG0000(BAALC-AS1 antisense	chr8	1.03E+08	1.03E+08	-	3.36	3.87
ENSG0000(SNHG10 antisense	chr14	95532297	95534872	-	1.4	1.47
ENSG0000(MIR210HG lincRNA	chr11	565660	568457	-	36.3	32.64
ENSG0000(CTD-2260A antisense	chr5	96814028	96935809	-	0.79	0.51

ENSG00000100000	RP11-366H antisense	chr4	1.88E+08	1.88E+08	-	0.15	0
ENSG00000100000	RP11-588G antisense	chr12	69713633	69738568	-	0	0
ENSG00000100000	RP11-11N9 lincRNA	chr8	32996178	33044855	+	0.65	0.1
ENSG00000100000	RP11-727A processed	chr11	83184491	83193794	-	0.85	1.42
ENSG00000100000	CSTF3-AS1 antisense	chr11	33161657	33191598	+	0.11	0.1
ENSG00000100000	LINC01252 lincRNA	chr12	11548030	11590369	+	0.22	0.22
ENSG00000100000	RP11-431N antisense	chr4	36244116	36274220	+	0	0
ENSG00000100000	RP11-373N antisense	chr5	1.48E+08	1.48E+08	-	0.05	0.09
ENSG00000100000	LINC01498 antisense	chr12	1.08E+08	1.08E+08	-	0	0
ENSG00000100000	RP11-2961 antisense	chr16	70156340	70173448	-	0	0
ENSG00000100000	UBL7-AS1 antisense	chr15	74461265	74481302	+	1.49	1.46
ENSG00000100000	ZBED5-AS1 antisense	chr11	10858259	10906802	+	4.94	3.72
ENSG00000100000	RP11-902B antisense	chr14	61298164	61322818	-	0	0
ENSG00000100000	CTC-441N1 antisense	chr5	1.22E+08	1.22E+08	-	0.09	0.1
ENSG00000100000	ZCCHC3 protein_co	chr20	296968	300321	+	5.31	4.65
ENSG00000100000	RP11-273G lincRNA	chr8	1.43E+08	1.43E+08	-	1.28	0.71
ENSG00000100000	RP11-510N antisense	chr16	71462278	71465941	+	0.69	0.06
ENSG00000100000	RP11-266N antisense	chr5	59039761	59063503	+	0	0
ENSG00000100000	RP11-637A lincRNA	chr12	68674371	68687755	-	0	0
ENSG00000100000	CTD-2235C antisense	chr5	75320155	75336914	-	0	0
ENSG00000100000	RP11-486C lincRNA	chr12	1.24E+08	1.24E+08	-	0.37	0.23
ENSG00000100000	PLUT antisense	chr13	27833444	27921404	-	0	0
ENSG00000100000	DNAJC3-AS lincRNA	chr13	95648733	95676925	-	2.28	0.98
ENSG00000100000	CTD-2340E lincRNA	chr5	1.03E+08	1.03E+08	+	0	0
ENSG00000100000	RP11-629G antisense	chr11	1.13E+08	1.13E+08	-	0	0.03
ENSG00000100000	CARS-AS1 antisense	chr11	3029009	3041260	+	0	0
ENSG00000100000	RP11-392P antisense	chr12	12927726	12984645	+	0.2	0.21
ENSG00000100000	MIR4458H lincRNA	chr5	8450743	8463095	+	1.03	1.4
ENSG00000100000	OIP5-AS1 processed	chr15	41283990	41309737	+	15.17	12.31
ENSG00000100000	SDCBPP2 processed	chr8	69942948	69944648	+	0	0
ENSG00000100000	CKMT2-AS antisense	chr5	81204084	81301560	-	2.7	3.19
ENSG00000100000	SPTY2D1-A protein_co	chr11	18588781	18610255	+	0.12	0.34
ENSG00000100000	TWF2 protein_co	chr3	52228610	52239260	-	34.97	34.2
ENSG00000100000	CPEB2-AS1 lincRNA	chr4	14909961	15002045	-	0	0
ENSG00000100000	MARS2 protein_co	chr2	1.98E+08	1.98E+08	+	0.83	0.65
ENSG00000100000	MTND4P12 processed	chr5	1.35E+08	1.35E+08	-	0.04	0.09
ENSG00000100000	LRP4-AS1 antisense	chr11	46846412	46874396	+	0.18	0.13
ENSG00000100000	RP11-1277 antisense	chr5	1.78E+08	1.78E+08	+	0.77	0.78
ENSG00000100000	CTB-127C1 antisense	chr5	1.6E+08	1.6E+08	-	0	0
ENSG00000100000	STX18-AS1 antisense	chr4	4542131	4710938	+	2.07	1.01
ENSG00000100000	RP11-932C antisense	chr15	30616998	30625773	-	0.7	0.7
ENSG00000100000	RP11-404K unprocess	chr5	7290823	7296345	+	0	0
ENSG00000100000	CTD-2574D antisense	chr16	29926836	29928933	+	0.42	0.28
ENSG00000100000	USP51 protein_co	chrX	55484616	55489202	-	0.5	0.65
ENSG00000100000	RP11-447H processed	chr5	43231812	43233173	-	0	0

ENSG00000100000	RP11-32B5	lincRNA	chr15	21298233	21325241	-	0.03	0.03
ENSG00000100000	PCED1B-AS1	processed_lincRNA	chr12	47205898	47216456	-	0	0
ENSG00000100000	SNCA-AS1	antisense	chr4	89836408	89841978	+	0	0
ENSG00000100000	CTD-2366F	antisense	chr5	53109842	53115126	+	1.43	1.45
ENSG00000100000	NR2F2-AS1	antisense	chr15	96110040	96327361	-	2.31	3.01
ENSG00000100000	RP11-103J	lincRNA	chr4	37078577	37125424	+	0	0
ENSG00000100000	TMEM161f	antisense	chr5	88268895	88436685	+	4.56	5.77
ENSG00000100000	CCAT1	lincRNA	chr8	1.27E+08	1.27E+08	-	0	0
ENSG00000100000	RP5-940J5	antisense	chr12	6578622	6584739	+	0.15	0.25
ENSG00000100000	CTD-2530H	antisense	chr11	75758455	75768647	-	0	0
ENSG00000100000	SPCS2P3	processed_lincRNA	chr5	816346	817001	+	0	0
ENSG00000100000	CTD-2001C	lincRNA	chr5	1E+08	1.01E+08	-	0.04	0
ENSG00000100000	RP11-421F	antisense	chr12	26971586	26979582	+	0.11	0.04
ENSG00000100000	HMG11P1	processed_lincRNA	chr5	71537652	71537846	-	0	0
ENSG00000100000	RP3-510L9	antisense	chr6	11173452	11259099	+	0	0
ENSG00000100000	RP11-967K	antisense	chr12	28163298	28190738	-	1.16	1.25
ENSG00000100000	SEC24B-AS1	antisense	chr4	1.09E+08	1.09E+08	-	0.77	0.87
ENSG00000100000	RP11-543C	lincRNA	chr14	99604556	99625740	+	0.06	0.06
ENSG00000100000	LINC00926	lincRNA	chr15	57300365	57307769	+	1.08	1.71
ENSG00000100000	FOXD1-AS1	lincRNA	chr5	73446357	73446984	+	0	0
ENSG00000100000	NRAV	antisense	chr12	1.2E+08	1.2E+08	-	3.44	3.34
ENSG00000100000	AC005329	antisense	chr19	1392170	1396467	-	0.25	0.83
ENSG00000100000	FAM13A-A	antisense	chr4	88709789	88730103	+	0.39	0.33
ENSG00000100000	CTD-2383M	antisense	chr11	1.01E+08	1.01E+08	-	0	0
ENSG00000100000	CTD-2313F	lincRNA	chr5	55063179	55066230	+	0.13	0
ENSG00000100000	UBA6-AS1	antisense	chr4	67701280	68080952	+	4.23	3.89
ENSG00000100000	RP11-422N	antisense	chr8	1.1E+08	1.1E+08	+	0	0
ENSG00000100000	DPH6-AS1	lincRNA	chr15	35546195	35859001	+	0.12	0.25
ENSG00000100000	NNT-AS1	antisense	chr5	43571594	43603230	-	10.07	8.89
ENSG00000100000	BCKDHA	protein_coding	chr19	41397460	41425005	+	8.54	9.15
ENSG00000100000	INSL3	protein_coding	chr19	17816512	17821574	-	0	0
ENSG00000100000	RP11-709A	lincRNA	chr12	27547050	27552773	-	0	0
ENSG00000100000	AC002116	processed_lincRNA	chr19	36008638	36014235	-	1.28	0.95
ENSG00000100000	CTC-338M	lincRNA	chr5	1.81E+08	1.81E+08	+	0	0
ENSG00000100000	TARS2P1	processed_lincRNA	chr4	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	CTD-2218K	processed_lincRNA	chr5	82824884	82825184	+	0	0
ENSG00000100000	AC005609	processed_lincRNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG00000100000	LINC02039	lincRNA	chr5	1.26E+08	1.26E+08	+	0	0
ENSG00000100000	CTC-295J1	protein_coding	chr5	1.48E+08	1.48E+08	+	0	0
ENSG00000100000	RP11-78C3	lincRNA	chr5	82919376	82921119	-	0	0
ENSG00000100000	RP11-791G	processed_lincRNA	chr4	82580117	82581384	-	0	0
ENSG00000100000	AC114812	unprocessed_lincRNA	chr2	2.34E+08	2.34E+08	+	0	0
ENSG00000100000	RP11-752D	antisense	chr4	52945649	52958087	+	0	0
ENSG00000100000	MINOS1P4	processed_lincRNA	chr4	78379197	78379514	+	0	0
ENSG00000100000	LINC01019	lincRNA	chr5	3417152	3536094	-	0	0

ENSG0000(RP11-301A processed_ chr5	40967505	40967763	-	0	0
ENSG0000(SMURF2P1 transcribed chr17	30600796	30615980	+	0.24	0.64
ENSG0000(APOOP4 processed_ chr4	68304343	68304939	-	0	0
ENSG0000(RRN3P1 transcribed chr16	21796106	21820410	-	2.94	3.28
ENSG0000(CTB-73N10 lincRNA chr5	1.45E+08	1.45E+08	+	0	0
ENSG0000(CTD-2012J: unprocessed chr5	1598127	1598247	+	21.24	0
ENSG0000(CTC-235G5 lincRNA chr5	76081946	76084186	-	0	0
ENSG0000(RP11-777B processed_ chr4	78003143	78003439	+	0	0
ENSG0000(LINC01194 lincRNA chr5	12574857	12804363	+	0	0
ENSG0000(LINC02101 lincRNA chr5	58108082	58122341	-	0	0
ENSG0000(MTND4LP2 unprocessed chr4	25719755	25720030	-	0	0
ENSG0000(AC079395. unprocessed chr2	97018343	97018604	-	0	0
ENSG0000(MTND6P8 unprocessed chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-468D lincRNA chr5	2831021	2835139	-	0	0
ENSG0000(RP11-446J: antisense chr4	16400430	16512187	+	0	0
ENSG0000(CUL4AP1 processed_ chr4	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-324J: lincRNA chr4	43457527	43492543	-	0	0
ENSG0000(ADH1C protein_co chr4	99336492	99353027	-	1.24	2.18
ENSG0000(CTC-305H1 lincRNA chr5	13175846	13179572	+	0	0
ENSG0000(RP11-357F lincRNA chr5	45035199	45098647	+	0	0
ENSG0000(LINC02150 lincRNA chr5	16373361	16440081	-	0	0
ENSG0000(RP11-650J: antisense chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(WI2-89927 unprocessed chr4	2607870	2608146	-	1.7	0
ENSG0000(BTG4P1 processed_ chr5	24786842	24787024	-	0	0
ENSG0000(HSPA8P11 processed_ chr8	30237382	30240997	+	0.03	0
ENSG0000(RP11-432N processed_ chr5	17647712	17647944	-	0	0
ENSG0000(RP11-499E lincRNA chr4	1.02E+08	1.02E+08	-	3.72	4.52
ENSG0000(RP11-294C processed_ chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RP11-44F2 antisense chr4	74993877	75034824	-	0	0
ENSG0000(TRIM39-RP protein_co chr6	30328907	30346854	+	0	0
ENSG0000(RP11-1072 processed_ chr5	85237681	85238074	-	0	0
ENSG0000(RP11-1094 lincRNA chr17	49996889	50016844	+	0	0
ENSG0000(RP11-659C lincRNA chr4	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-148L: lincRNA chr4	1.74E+08	1.74E+08	-	0.78	1.55
ENSG0000(RP11-472K lincRNA chr4	29118308	29202770	+	0	0
ENSG0000(GAPDHP60 processed_ chr4	87207092	87208086	+	0	0.07
ENSG0000(RP11-231C lincRNA chr4	54332892	54355954	+	0	0
ENSG0000(CTD-2049C processed_ chr5	63301523	63302056	+	0	0
ENSG0000(RP11-184M lincRNA chr4	1.29E+08	1.29E+08	-	0.07	0.12
ENSG0000(RP11-442P processed_ chr4	15743196	15743582	+	0	0
ENSG0000(PES1P1 processed_ chr4	1.34E+08	1.34E+08	+	0	0
ENSG0000(ATG10-AS1 antisense chr5	82073055	82073702	-	0	0
ENSG0000(CTC-261N6 lincRNA chr5	86335024	86335808	+	0	0
ENSG0000(RP11-476C processed_ chr4	87166844	87167734	+	0	0.08
ENSG0000(LINC00290 lincRNA chr4	1.81E+08	1.81E+08	-	0	0

ENSG0000(CTD-2244C lincRNA chr5	61878109	61886129	+	0	0
ENSG0000(RP11-115A processed_chr4	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-455B lincRNA chr5	97881420	97922695	+	0	0.1
ENSG0000(CTC-503K1 antisense chr5	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-321E processed_chr5	17502043	17502363	-	0	0
ENSG0000(RP11-739P sense_intrchr4	1.84E+08	1.84E+08	+	0.11	0.12
ENSG0000(WDR45P1 processed_chr4	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-1801 processed_chr4	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-24121 lincRNA chr4	1.49E+08	1.49E+08	+	0	0
ENSG0000(TRPC7-AS1 antisense chr5	1.36E+08	1.36E+08	+	0	0
ENSG0000(CICP16 processed_chr4	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-722M lincRNA chr4	36496537	36641900	-	0	0
ENSG0000(KCTD9P5 processed_chr5	37505688	37506857	-	0	0
ENSG0000(STX18-IT1 sense_intrchr4	4476121	4481700	-	0	0
ENSG0000(CTB-174D1 antisense chr5	1.69E+08	1.69E+08	+	0	0
ENSG0000(CTD-2139B lincRNA chr5	17353910	17354899	+	1.95	2.29
ENSG0000(RP11-83C7 lincRNA chr4	38366914	38385759	+	0	0
ENSG0000(SLIT2-IT1 sense_intrchr4	20392189	20394856	+	0	0
ENSG0000(RP11-366M processed_chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(KRT8P4 processed_chr8	89412621	89415071	-	0	0
ENSG0000(CTD-2108C processed_chr5	38429892	38430160	-	0	0
ENSG0000(AC037459. protein_co chr8	22589274	22602084	+	2.49	0.69
ENSG0000(CTD-2151A processed_chr5	99594329	99594740	-	0	0
ENSG0000(RP11-593F processed_chr4	60784115	60784696	+	0	0
ENSG0000(RP11-3J1.1 lincRNA chr4	19172335	19456994	-	0	0
ENSG0000(RP11-159F antisense chr5	43515274	43525310	+	0	0
ENSG0000(RP11-5561 lincRNA chr4	1.05E+08	1.05E+08	-	0	0
ENSG0000(LINC02014 lincRNA chr3	1.3E+08	1.3E+08	-	0.18	0.51
ENSG0000(CTB-49A3.1 antisense chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-598C processed_chr4	1.76E+08	1.76E+08	+	0	0
ENSG0000(AC092597. antisense chr4	47556731	47560259	-	0	0
ENSG0000(OCIAD1-AS antisense chr4	48852008	48860203	-	0	0
ENSG0000(PSG10P transcribed chr19	42839368	42855718	-	0	0
ENSG0000(MTND4LP3 unprocessed chr4	64610616	64610909	-	0	0
ENSG0000(CTD-2333K lincRNA chr5	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-1J7.1 lincRNA chr4	11914667	11919688	+	0	0
ENSG0000(FLJ12825 lincRNA chr12	54058254	54122234	+	0.07	0.09
ENSG0000(RP11-402C sense_intrchr4	1.82E+08	1.82E+08	+	0	0
ENSG0000(CTC-499J9. antisense chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(PGAM1P1 processed_chr5	58161197	58161752	+	0	0
ENSG0000(TRIM52-AS processed_chr5	1.81E+08	1.81E+08	+	7.08	9.24
ENSG0000(SUMO2P17 transcribed chr17	48874860	48908983	-	0	0
ENSG0000(LINC02120 lincRNA chr5	32947443	32962467	+	0	0
ENSG0000(RP11-174E processed_chr4	30006951	30008316	-	0	0
ENSG0000(MTCYBP44 processed_chr4	81733385	81734207	-	0	0

ENSG0000(CCNL2P1 processed_ chr4	42561457	42562425	-	0	0
ENSG0000(RP11-158J: sense_ovei chr5	63957893	63981043	-	0	0
ENSG0000(RP11-811J: processed_ chr5	21196720	21196860	+	0	0
ENSG0000(SCGB1D5P processed_ chr4	1.66E+08	1.66E+08	-	0	0
ENSG0000(CTD-2194F processed_ chr5	65209921	65210948	+	0	0.1
ENSG0000(TNXA unprocessε chr6	32008614	32012472	-	0	0
ENSG0000(CTC-281M: unprocessε chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(CTD-2023N lincRNA chr5	57574027	57614341	+	0	0
ENSG0000(DDX43P1 processed_ chr5	1.16E+08	1.16E+08	-	0	0
ENSG0000(CTD-2308B lincRNA chr5	1.24E+08	1.25E+08	-	0	0
ENSG0000(RP11-74M: lincRNA chr4	11740948	11769468	-	0	0
ENSG0000(BNIP3P41 transcribec chr4	49096	50124	-	0	0
ENSG0000(RP11-310A processed_ chr4	1.38E+08	1.38E+08	-	0	0
ENSG0000(LINC00616 lincRNA chr4	1.38E+08	1.38E+08	-	0.45	0
ENSG0000(RP11-697E processed_ chr5	20830166	20830947	-	0	0
ENSG0000(MEF2C-AS1 antisense chr5	88883328	89466398	+	0.65	0.2
ENSG0000(CTD-2161F lincRNA chr5	4775476	4805769	-	0	0
ENSG0000(CYP4F27P unprocessε chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(MTND4LP2 unprocessε chr7	64105292	64105576	-	0	0
ENSG0000(RP11-463H lincRNA chr4	54943630	54956818	+	0	0
ENSG0000(RP11-713N antisense chr8	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-205N lincRNA chr4	1.7E+08	1.7E+08	-	0.11	0.06
ENSG0000(THAP12P9 processed_ chr4	45323253	45326028	-	0	0
ENSG0000(RP4-559A3 sense_ovei chr1	2.26E+08	2.26E+08	-	0	0
ENSG0000(LUCAT1 lincRNA chr5	91303029	91314402	-	0.07	0.27
ENSG0000(NOL8P1 processed_ chr4	1.66E+08	1.66E+08	-	0	0
ENSG0000(MTCO3P28 unprocessε chr4	64611374	64611888	-	0	0
ENSG0000(APELA protein_co chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(LINC00613 lincRNA chr4	1.36E+08	1.36E+08	-	0	0
ENSG0000(TUB-AS1 sense_intrε chr11	8060038	8069373	+	0	0
ENSG0000(CDK11B protein_co chr1	1635227	1659012	-	14.04	13.99
ENSG0000(WHAMMP: transcribec chr15	28737583	28759204	+	1.16	1.09
ENSG0000(RP11-102N antisense chr4	1.41E+08	1.41E+08	+	0	0
ENSG0000(HMGN1P1: processed_ chr4	62510469	62510771	+	0	0
ENSG0000(RP11-432N processed_ chr5	17654373	17654643	-	0	0
ENSG0000(RP11-472K lincRNA chr4	29214398	29221162	+	0	0
ENSG0000(RP11-717H lincRNA chr4	1.71E+08	1.71E+08	-	0.01	0
ENSG0000(RP11-293A processed_ chr4	26873561	26874349	-	0	0
ENSG0000(RP11-556G antisense chr4	21697450	21719026	+	0	0
ENSG0000(RP11-292D lincRNA chr4	1.47E+08	1.47E+08	+	0	0
ENSG0000(RP11-1134 unprocessε chr8	47089572	47198861	-	0	0
ENSG0000(RP11-79C6 processed_ chr5	35896188	35896290	-	0	0
ENSG0000(CTC-470E2 processed_ chr5	1.12E+08	1.12E+08	-	0	0
ENSG0000(HSPD1P18 processed_ chr5	1.36E+08	1.36E+08	-	0	0
ENSG0000(ARL2BPP6 processed_ chr5	1.75E+08	1.75E+08	+	0	0

ENSG0000(RP11-557J) antisense	chr4	1.46E+08	1.46E+08	-	0	0
ENSG0000(AE000658) lincRNA	chr14	21714795	21716262	-	0	0
ENSG0000(CTC-537E7) lincRNA	chr5	68531690	68533530	-	0	0
ENSG0000(LINC00504) lincRNA	chr4	14470465	14888169	-	9.26	7.95
ENSG0000(CTC-327F1) antisense	chr5	1.48E+08	1.48E+08	-	0	0
ENSG0000(CTC-261N6) lincRNA	chr5	86353803	86368854	+	0	0
ENSG0000(OR7E86P) unprocessed	chr4	9459255	9460244	+	0.06	0
ENSG0000(POU5F1P7) processed	chr3	98119191	98119731	+	0	0
ENSG0000(TRAJ51) TR_J_pseud	chr14	22487183	22487245	+	0	0
ENSG0000(CTB-129O4) antisense	chr5	1.8E+08	1.8E+08	+	0.22	0.24
ENSG0000(RP11-62N2) lincRNA	chr4	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-366H) lincRNA	chr4	1.88E+08	1.88E+08	+	0	0
ENSG0000(LINC02056) lincRNA	chr5	72574120	72660669	-	0.12	0
ENSG0000(RP11-556I1) lincRNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-501N) unprocessed	chr3	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-177B) processed	chr4	52720081	52720831	-	0	0
ENSG0000(RP11-692E) processed	chr4	1.83E+08	1.83E+08	-	0	0
ENSG0000(HMGN1P9) processed	chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-5N11) lincRNA	chr5	31743988	31744451	-	0	0
ENSG0000(PCDHAC1) protein_coding	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(TARM1) protein_coding	chr19	54069895	54081365	-	0	0
ENSG0000(RP11-781N) processed	chr4	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-313E) antisense	chr4	1.77E+08	1.77E+08	+	0	0
ENSG0000(LINC02064) lincRNA	chr5	29380296	29395981	-	0	0
ENSG0000(CTD-2015A) lincRNA	chr5	82545862	82546310	-	0	0
ENSG0000(FOSL1P1) processed	chr4	1.28E+08	1.28E+08	+	0	0
ENSG0000(TOMM22P) processed	chr4	1.63E+08	1.63E+08	+	0	0
ENSG0000(LINC00498) lincRNA	chr4	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-503N) sense_intronic	chr4	2463797	2464124	+	0	0
ENSG0000(ST13P12) processed	chr5	82968888	82977153	+	0	0
ENSG0000(RP11-576N) processed	chr4	83247179	83248206	+	0	0
ENSG0000(NACAP6) processed	chr5	16192088	16192709	-	0	0
ENSG0000(PRR5-ARH) protein_coding	chr22	44702233	44862706	+	0	0
ENSG0000(CTD-3105H) transcribed	chr19	12379746	12383687	-	0	0
ENSG0000(RP11-452C) lincRNA	chr4	79663761	79696837	+	0.4	0.77
ENSG0000(KB-1269D1) unprocessed	chr22	23392771	23393839	+	0	0
ENSG0000(GAPDHP61) processed	chr15	64528667	64529671	-	0.06	0.2
ENSG0000(RP11-1191) antisense	chr4	722275	724034	-	0	0
ENSG0000(RP11-802H) lincRNA	chr4	33433510	33437877	+	0	0
ENSG0000(UBL5P1) processed	chr5	29600676	29600868	+	0	0
ENSG0000(RP11-136I1) processed	chr4	10478524	10478923	-	0	0
ENSG0000(MTATP6P9) unprocessed	chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-432N) processed	chr5	17598432	17598559	-	0	0
ENSG0000(RP11-235P) processed	chr8	15688914	15689562	-	0	0
ENSG0000(OR51K1P) unitary_pseud	chr11	5430653	5431602	-	0	0

ENSG0000(AC006296. lincRNA	chr4	14390439	14393992	+	0	0
ENSG0000(CTD-2533K processed_	chr5	26669711	26669989	-	0	0
ENSG0000(CTC-551A1 lincRNA	chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-597D antisense	chr4	1.58E+08	1.58E+08	+	12.5	10.63
ENSG0000(HMGB3P1f processed_	chr5	1.12E+08	1.12E+08	-	0	0
ENSG0000(AC005150. lincRNA	chr4	1.63E+08	1.63E+08	+	0.11	0
ENSG0000(RP11-269F lincRNA	chr4	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-553P lincRNA	chr4	1.35E+08	1.35E+08	+	0	0
ENSG0000(RPL23AP94 processed_	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-231G lincRNA	chr5	1.09E+08	1.09E+08	+	0	0
ENSG0000(LINC01197 lincRNA	chr15	95209099	95327129	-	0.28	0.28
ENSG0000(OR10J7P unitary_ps	chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP11-284A lincRNA	chr5	1.25E+08	1.25E+08	+	0.08	0
ENSG0000(HNRNPA1F processed_	chr4	24771467	24772420	+	0	0
ENSG0000(SEMA6A-A. antisense	chr5	1.16E+08	1.17E+08	+	0.25	0.35
ENSG0000(RP11-633G processed_	chr4	65034634	65036017	-	0	0
ENSG0000(COX5BP1 processed_	chr4	81919995	81920387	-	0	0
ENSG0000(PCDHGB8P transcribec	chr5	1.41E+08	1.41E+08	+	0.08	0.06
ENSG0000(RP11-324H processed_	chr4	26111865	26113839	+	0	0
ENSG0000(LINC02217 lincRNA	chr5	17404019	17441694	+	0	0
ENSG0000(RP11-553P lincRNA	chr4	1.35E+08	1.35E+08	-	0	0
ENSG0000(LINC02220 lincRNA	chr5	12914068	13032886	-	0	0
ENSG0000(RP4-598P1 antisense	chr1	66665864	66677027	-	1.33	1
ENSG0000(RP11-93K2 processed_	chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(LINC02119 lincRNA	chr5	38148480	38153715	+	0	0
ENSG0000(NENFP3 processed_	chr5	13553654	13553966	-	0	0
ENSG0000(FGF10-AS1 antisense	chr5	44388732	44413989	+	0	0
ENSG0000(RP11-640B processed_	chr4	36065060	36065726	-	0	0
ENSG0000(CTD-2161F lincRNA	chr5	4831699	4849800	-	0	0
ENSG0000(RP11-517B antisense	chr3	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-826N antisense	chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-432N processed_	chr5	17642962	17643228	-	0	0
ENSG0000(DDX11L9 transcribec	chr15	1.02E+08	1.02E+08	-	0.12	0
ENSG0000(LINC01962 lincRNA	chr5	1.81E+08	1.81E+08	-	0	0.89
ENSG0000(LINC02122 lincRNA	chr5	74084068	74103216	-	0	0
ENSG0000(RP11-479C antisense	chr5	58741581	58817099	-	0.32	0.35
ENSG0000(BACH1-IT1 sense_intr	chr21	29351634	29361894	+	0.15	0
ENSG0000(RP11-848G transcribec	chr5	69607099	69624049	+	0.14	0.06
ENSG0000(RP11-3G20 lincRNA	chr8	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP11-807H lincRNA	chr4	65702202	65705553	+	2.26	3.23
ENSG0000(RP11-313E processed_	chr4	1.77E+08	1.77E+08	-	0	0
ENSG0000(CTC-276P9 lincRNA	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(POU5F2 protein_co	chr5	93733220	93741637	-	0	0.02
ENSG0000(RP11-375B lincRNA	chr5	1.77E+08	1.77E+08	-	0	0
ENSG0000(PCP4L1 protein_co	chr1	1.61E+08	1.61E+08	+	0	0

ENSG0000(LINC02149 lincRNA chr5	15192139	15266541	-	0	0
ENSG0000(ABHD14A protein_co chr3	51971426	51981199	+	15.99	16.6
ENSG0000(PGAM4P2 processed_ chr4	1.16E+08	1.16E+08	-	0	0
ENSG0000(LINC02062 lincRNA chr5	98929171	98995013	+	0	0
ENSG0000(CTD-3007L lincRNA chr5	27412613	27436411	-	0	0
ENSG0000(RP11-1250 lincRNA chr4	1.27E+08	1.27E+08	-	0	0
ENSG0000(ZFAT-AS1 antisense chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(AC005351. processed_ chr5	1.46E+08	1.46E+08	+	0	0
ENSG0000(LNX1-AS2 sense_intr chr4	53592956	53604047	+	0	0
ENSG0000(ASNSP1 unprocess chr8	46579213	46614523	-	0	0
ENSG0000(RP5-1000K transcribec chrX	77910741	77964890	+	0.29	2.15
ENSG0000(RP11-319E lincRNA chr4	57425872	57465986	+	0	0
ENSG0000(RP11-93121 processed_ chr4	1.24E+08	1.24E+08	-	0	0
ENSG0000(OR5H4P unprocess chr3	98222044	98222966	+	0	0
ENSG0000(SRP14-AS1 lincRNA chr15	40039311	40067290	+	3.02	2.59
ENSG0000(RP11-145G lincRNA chr4	96310701	96818864	+	0.25	0.11
ENSG0000(RP11-9B6.1 lincRNA chr4	92297251	92304178	-	0	0
ENSG0000(CTC-338M: antisense chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(RP11-6080 lincRNA chr4	19455436	19909692	+	0	0
ENSG0000(RP11-2650 lincRNA chr4	4321962	4334182	+	0	0
ENSG0000(RP11-386B lincRNA chr4	1.85E+08	1.85E+08	+	0	0
ENSG0000(RP11-231C lincRNA chr4	54376002	54376752	+	0	0
ENSG0000(RP11-174F processed_ chr4	1.5E+08	1.5E+08	-	0	0
ENSG0000(SBF1P1 processed_ chr8	55449509	55455139	-	0	0
ENSG0000(CTD-2001E sense_ovei chr5	9621377	9658458	-	0	0
ENSG0000(MTATP6P1 unprocess chr1	633696	634376	+	478.6	480.57
ENSG0000(LINC02058 lincRNA chr5	92907180	92939591	-	0	0
ENSG0000(RP11-2017 antisense chr5	61658474	61698432	-	0	0
ENSG0000(BCL2L12P1 processed_ chr3	1.32E+08	1.32E+08	+	0	0
ENSG0000(NDUFA5P1 unprocess chr8	47164870	47165524	+	0	0
ENSG0000(RP11-241F processed_ chr4	49523648	49523857	-	0	0
ENSG0000(CTD-2130F lincRNA chr5	37953402	37966964	+	0	0
ENSG0000(CTD-2201E antisense chr5	9363275	9422481	+	0	0
ENSG0000(RP11-10A1 lincRNA chr8	9189011	9202854	+	0	0.14
ENSG0000(LINC02117 lincRNA chr5	37899363	37920869	-	0	0
ENSG0000(RP11-247C lincRNA chr15	74125915	74129278	-	0	0
ENSG0000(RP11-432N processed_ chr5	17649046	17649643	+	0	0
ENSG0000(NPM1P41 processed_ chr4	82010665	82013095	-	0	0
ENSG0000(CTB-47B11 antisense chr5	1.57E+08	1.57E+08	-	0.97	0.27
ENSG0000(RP11-302F lincRNA chr4	25608711	25619468	+	0	0
ENSG0000(ANP32C processed_ chr4	1.64E+08	1.64E+08	-	0	0
ENSG0000(RP11-468N processed_ chr4	68883885	68884440	-	0	0
ENSG0000(MTND4P8 unprocess chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(OTX2-AS1 lincRNA chr14	56813183	57152177	+	0	0
ENSG0000(RP11-287F lincRNA chr4	1.75E+08	1.75E+08	-	0	0

ENSG0000(RP11-138A processed_ chr4	1.59E+08	1.59E+08	-	0	0
ENSG0000(OR52H2P unitary_ps chr11	5551662	5552563	-	0	0
ENSG0000(RP11-159F antisense chr5	43511058	43521811	+	0.18	0.23
ENSG0000(LINC01339 processed_ chr5	90158339	90290071	-	0	0
ENSG0000(RP11-390G processed_ chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-215P antisense chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(CTB-14A14 processed_ chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RP11-478C processed_ chr4	338097	338583	-	0	0
ENSG0000(TECRP2 processed_ chr4	1.24E+08	1.24E+08	-	0	0.22
ENSG0000(RP11-545L lincRNA chr4	71821305	71823980	-	0	0
ENSG0000(KRT8P48 processed_ chr5	1.47E+08	1.47E+08	-	0	0
ENSG0000(CTC-512J1 processed_ chr5	80351021	80351956	-	0	0
ENSG0000(RP11-768B antisense chr4	1.53E+08	1.53E+08	+	0	0
ENSG0000(EGFLAM-A antisense chr5	38399814	38403413	-	0	0
ENSG0000(PRYP6 transcribed chrY	18790709	18791051	-	0	0
ENSG0000(ADAM20P2 processed_ chr4	1.76E+08	1.76E+08	+	0	0
ENSG0000(RP11-834C antisense chr12	54163139	54168595	+	0	0
ENSG0000(RP11-122C processed_ chr5	38763158	38764289	-	0	0.13
ENSG0000(NPM1P21 processed_ chr8	56101199	56102267	-	0	0.09
ENSG0000(RP11-241F unprocessed chr4	49486926	49489554	-	0	0.44
ENSG0000(RP11-90P5 processed_ chr8	38201699	38204238	-	0	0
ENSG0000(CTD-2516K processed_ chr5	57317989	57320020	-	0	0
ENSG0000(GDNF-AS1 antisense chr5	37811589	37953827	+	2.36	1.12
ENSG0000(CTC-458G6 lincRNA chr5	92826255	92844004	+	0	0
ENSG0000(GLDCP1 transcribed chr4	56593004	56595681	+	0	0
ENSG0000(CTD-2351A processed_ chr5	23456468	23456850	+	0	0
ENSG0000(TMEM110-protein_co chr3	52833121	52897562	-	0.46	0.4
ENSG0000(DSTNP2 transcribed chr12	6884682	6885786	+	3.07	4.38
ENSG0000(RP11-844P processed_ chr5	1.76E+08	1.76E+08	-	0.04	0
ENSG0000(RP11-259C lincRNA chr5	1963609	1967154	-	0	0
ENSG0000(FLJ42969 lincRNA chr8	1.01E+08	1.01E+08	+	0.11	0
ENSG0000(CTD-2308B lincRNA chr5	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-310I antisense chr4	1.68E+08	1.68E+08	-	0	0
ENSG0000(CTD-2306M lincRNA chr5	25404733	25445925	-	0	0
ENSG0000(RP11-158I2 antisense chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-206P processed_ chr4	25504997	25506675	+	0	0
ENSG0000(HSPA8P4 processed_ chr5	1.3E+08	1.3E+08	+	0.06	0.03
ENSG0000(RP11-158C processed_ chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-468N unprocessed chr4	68900651	68900910	-	0	0
ENSG0000(CTB-1I21.2 processed_ chr5	1.37E+08	1.37E+08	+	0	0
ENSG0000(ENPP7P3 processed_ chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-5K16 processed_ chr4	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-5N11 sense_intr chr5	31657218	31665067	+	0	0
ENSG0000(RP11-205N processed_ chr4	1.7E+08	1.7E+08	+	0	0
ENSG0000(GAPDHP40 processed_ chr5	1.6E+08	1.6E+08	-	0.06	0

ENSG0000(RP11-428L:antisense)	chr4	92833685	92838842	-	0	0
ENSG0000(RP11-154F:antisense)	chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-366N:processed)	chr4	1.65E+08	1.65E+08	-	0.44	0.48
ENSG0000(WRBP1:transcribed)	chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(CTC-573M:sense_intr)	chr5	1.29E+08	1.29E+08	+	0.17	0
ENSG0000(RP11-1267:unprocess)	chr4	68704600	68712498	-	0	0
ENSG0000(RP11-768F:lincRNA)	chr12	1.19E+08	1.2E+08	-	0	0
ENSG0000(RP11-485C:processed)	chr4	1.72E+08	1.72E+08	-	0	0
ENSG0000(RP11-642E:processed)	chr4	68293127	68294364	+	0	0
ENSG0000(HNRNPA1P:processed)	chr4	77987860	77988813	-	0	0
ENSG0000(HMGA1P2:processed)	chr4	73098822	73099145	+	0	0
ENSG0000(OR10J2P:unprocess)	chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(RBM14-RB:protein_co)	chr11	66616626	66646469	+	0.45	1.13
ENSG0000(RP11-366N:unprocess)	chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-567N:lincRNA)	chr4	75361207	75434449	-	0	0
ENSG0000(RP11-331K:antisense)	chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-485N:processed)	chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(GCSHP1:processed)	chr5	39888576	39889059	-	0	0
ENSG0000(RP11-101B:processed)	chr5	57081745	57081951	-	0	0
ENSG0000(MTCO3P44:unprocess)	chr4	25720516	25721056	-	0.13	0
ENSG0000(RP11-2551:lincRNA)	chr4	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-2631:unprocess)	chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(SRIP1:processed)	chr4	58103147	58103434	+	0	0
ENSG0000(LINC00992:lincRNA)	chr5	1.17E+08	1.18E+08	+	0.46	1.5
ENSG0000(CTC-498J1:antisense)	chr5	69113112	69136394	-	0	0.07
ENSG0000(CTD-2331D:lincRNA)	chr5	85420028	85420451	-	0	0
ENSG0000(OXCT1-AS1:processed)	chr5	41870030	41872241	+	0.49	0.25
ENSG0000(RP11-489N:processed)	chr4	4117925	4118284	-	0	0
ENSG0000(ALG1L9P:processed)	chr11	71794363	71818238	-	0.06	0.23
ENSG0000(LY75-CD30:protein_co)	chr2	1.6E+08	1.6E+08	-	0	0.52
ENSG0000(LINC01331:lincRNA)	chr5	74369376	74536976	-	0	0
ENSG0000(RBBP4P6:processed)	chr5	85190629	85190830	-	0	0
ENSG0000(RP11-766F:antisense)	chr4	99594799	99625913	-	0	0
ENSG0000(LINC02102:lincRNA)	chr5	6686325	6707711	-	0.67	0.07
ENSG0000(ARHGAP22:sense_intr)	chr10	48510525	48511589	-	0	0
ENSG0000(BIN2P2:processed)	chr5	75910565	75911867	+	0	0
ENSG0000(RP11-548L:lincRNA)	chr4	34120894	34269747	-	0	0
ENSG0000(RP11-557J:lincRNA)	chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-42L1:unprocess)	chr5	29104880	29105438	+	0	0
ENSG0000(HAS2-AS1:antisense)	chr8	1.22E+08	1.22E+08	+	1.34	1.08
ENSG0000(ADGRL3-AS:antisense)	chr4	62071752	62165554	-	0	0
ENSG0000(LINC02100:lincRNA)	chr5	18704433	18746173	-	0	0
ENSG0000(RP11-18D7:antisense)	chr4	1.83E+08	1.83E+08	-	0	0
ENSG0000(AC011406:processed)	chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(TOX4P1:processed)	chr4	1.12E+08	1.12E+08	+	0	0.03

ENSG0000(LINC01085 lincRNA chr4	14111968	14140052	+	0	0
ENSG0000(CTD-2313D processed_ chr5	15450701	15451811	+	0	0
ENSG0000(CTC-493L2 lincRNA chr5	86797685	86800280	+	0	0
ENSG0000(RP11-294J2 processed_ chr17	50797366	50797651	-	0	0
ENSG0000(RP11-495K lincRNA chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(MTND4P2 unprocessε chr7	64104093	64105295	-	0	0
ENSG0000(AC114812. unprocessε chr2	2.34E+08	2.34E+08	+	0	0
ENSG0000(LINC02144 lincRNA chr5	87713135	87733269	-	0	0
ENSG0000(CTC-505O3 lincRNA chr5	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-432B protein_co chr3	1.6E+08	1.6E+08	-	0	0.44
ENSG0000(THUMPD31 unprocessε chr7	40151613	40154151	+	0.04	0
ENSG0000(CCDC153 protein_co chr11	1.19E+08	1.19E+08	-	0.4	0.22
ENSG0000(RP11-766F protein_co chr4	99636529	99654648	-	0	0
ENSG0000(RP11-1079 lincRNA chr17	49361165	49369998	+	0.12	0.15
ENSG0000(RP11-758B processed_ chr4	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-362N processed_ chr4	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-451H lincRNA chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RP11-377G antisense chr4	80183280	80190169	-	0.13	0
ENSG0000(RFPL4AP5 processed_ chr8	1.26E+08	1.26E+08	-	0	0
ENSG0000(AK3P4 processed_ chr5	1.15E+08	1.15E+08	+	0	0
ENSG0000(NPHP3-AS1 antisense chr3	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-218C processed_ chr4	85246157	85246912	+	0	0.09
ENSG0000(LINC01948 lincRNA chr5	56457795	56481946	-	0.12	0
ENSG0000(MTCO1P3C processed_ chr5	5395378	5395957	-	0	0
ENSG0000(EGFLAM-A antisense chr5	38282264	38290986	-	0	0
ENSG0000(CTD-2176L antisense chr5	58846885	58863414	-	0	0
ENSG0000(CTD-2260A antisense chr5	96784777	96785999	+	0.39	0.61
ENSG0000(R3HDM2P1 processed_ chr4	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-3507 lincRNA chr5	2965006	2967628	+	0	0
ENSG0000(RP11-87E2 antisense chr8	22877972	22888022	+	0	0
ENSG0000(RP11-654F processed_ chr4	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-328K lincRNA chr4	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-362I1 lincRNA chr4	45009540	45051652	+	0	0
ENSG0000(NMNAT1P2 processed_ chr4	1.45E+08	1.45E+08	+	0	0
ENSG0000(ACTN3 protein_co chr11	66546395	66563329	+	0.09	0.1
ENSG0000(RP11-586L lincRNA chr4	1.41E+08	1.41E+08	-	0.12	0
ENSG0000(MTND5P9 unprocessε chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-42A4 lincRNA chr4	84371393	84380189	-	0	0
ENSG0000(RP11-131K processed_ chr4	92884663	92885107	+	0	0
ENSG0000(RP1-130H1 protein_co chr22	30285238	30299482	-	0	0.28
ENSG0000(RP11-114J lincRNA chr5	1.26E+08	1.26E+08	-	0	0
ENSG0000(CTC-276P9 lincRNA chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-384D processed_ chr4	1.71E+08	1.71E+08	-	0	0
ENSG0000(LINC02115 lincRNA chr5	1.04E+08	1.04E+08	-	0	0
ENSG0000(CTD-2215E antisense chr5	97188090	97201880	-	0	0

ENSG0000(CTD-2593A processed_ chr5	1.81E+08	1.81E+08 +	0	0
ENSG0000(RP11-31K2 lincRNA chr8	95986108	95993103 -	0	0
ENSG0000(RP13-644N unprocessε chr4	69066395	69069888 +	0	0
ENSG0000(RP11-292D antisense chr4	1.47E+08	1.47E+08 +	0	0
ENSG0000(MTCYBP37 processed_ chr5	8619178	8620310 +	0	0
ENSG0000(RP11-61K2 processed_ chr5	20158662	20158956 -	0	0
ENSG0000(WI2-2373I: protein_co chr7	290170	294422 +	0	0
ENSG0000(RP11-974F unprocessε chr5	69653248	69654334 +	0.06	0
ENSG0000(RP11-665C unprocessε chr4	1.81E+08	1.81E+08 -	0	0
ENSG0000(LINC01207 protein_co chr4	1.65E+08	1.65E+08 +	0	0
ENSG0000(RP11-639F unprocessε chr3	1.55E+08	1.55E+08 -	0	0
ENSG0000(RP11-231L sense_intrε chr3	1.41E+08	1.41E+08 +	0	0
ENSG0000(RP11-798N antisense chr4	1.73E+08	1.73E+08 -	0	0
ENSG0000(RP11-404K processed_ chr5	7287924	7288477 -	0	0
ENSG0000(AC006499. processed_ chr4	10199823	10200672 -	0	0
ENSG0000(RP11-311D processed_ chr4	1.06E+08	1.06E+08 -	0	0
ENSG0000(RP11-5301 lincRNA chr5	44752949	44765744 +	0	0
ENSG0000(ARL4AP2 processed_ chr4	40786110	40786710 +	0	0
ENSG0000(PSMC1P4 processed_ chr5	56275304	56276630 -	0	0
ENSG0000(RP11-308B lincRNA chr5	12553890	12574637 -	0	0
ENSG0000(HIGD1AP1: processed_ chr4	1.1E+08	1.1E+08 +	0	0
ENSG0000(RP11-666A lincRNA chr3	1.26E+08	1.26E+08 -	0.19	0.56
ENSG0000(LINC02118 lincRNA chr5	52008031	52080987 +	0	0
ENSG0000(RP11-319G antisense chr3	1.39E+08	1.39E+08 +	0	0
ENSG0000(CTD-2165H processed_ chr5	14620020	14621313 +	0	0
ENSG0000(LINC00266 unprocessε chrY	24278681	24291346 +	0	0
ENSG0000(CTD-2248H processed_ chr5	81242330	81242599 -	0.45	0
ENSG0000(RP11-173E processed_ chr4	1.39E+08	1.39E+08 +	0	0
ENSG0000(MED15P8 unprocessε chr2	1.31E+08	1.31E+08 -	0	0
ENSG0000(CTC-548H1 antisense chr5	1.28E+08	1.28E+08 -	0	0
ENSG0000(C8orf34-AS antisense chr8	68303468	68331491 -	0	0
ENSG0000(RP11-184M lincRNA chr4	1.29E+08	1.29E+08 -	0	0
ENSG0000(RP11-287J: processed_ chr5	66622868	66623177 +	0	0
ENSG0000(KRTAP9-12 unprocessε chr17	41212706	41213237 +	0	0
ENSG0000(LINC01095 lincRNA chr4	1.46E+08	1.46E+08 -	0	0
ENSG0000(RP11-362F lincRNA chr4	1.41E+08	1.41E+08 -	0.09	0.1
ENSG0000(RP11-5N11 lincRNA chr5	31741833	31742327 -	0	0
ENSG0000(RP11-18D7 antisense chr4	1.83E+08	1.83E+08 -	0	0
ENSG0000(PMPCAP1 processed_ chr4	92182477	92184052 -	0	0
ENSG0000(DYNLL1P6 processed_ chr4	1E+08	1E+08 -	0	0
ENSG0000(AC009238. unprocessε chr2	95413456	95414296 -	0	0
ENSG0000(APOBEC3A processed_ chr4	1.7E+08	1.7E+08 +	0	0
ENSG0000(RP11-790I1 unprocessε chr4	69406931	69407655 +	0	0
ENSG0000(PCBP2P3 processed_ chr5	91843687	91844529 -	0	0
ENSG0000(RP11-252I1 processed_ chr5	1.08E+08	1.08E+08 +	0	0.17

ENSG0000(RP11-673E antisense chr4	1.44E+08	1.44E+08	+	0.08	0
ENSG0000(ZNF807 unprocessed chr19	34542462	34545395	-	0	0
ENSG0000(CTB-179I1. processed_ chr4	77350370	77351235	-	0	0
ENSG0000(MARK2P5 processed_ chr5	15384220	15384853	+	0	0
ENSG0000(RP11-412P lincRNA chr4	22997551	23056862	+	0	0
ENSG0000(PGAM1P13 processed_ chr8	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-227H antisense chr3	98522570	98525334	+	0	0
ENSG0000(RP11-357G transcribed chr4	3312512	3313058	+	0.57	0.34
ENSG0000(CTB-1H10. lincRNA chr5	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-357G processed_ chr4	3323977	3324762	-	0	0
ENSG0000(RP11-626H lincRNA chr11	70056230	70065371	-	0	0
ENSG0000(LINC02065 lincRNA chr5	66206212	66209447	-	0	0
ENSG0000(RP11-26C1 processed_ chr4	62489495	62490218	-	0	0
ENSG0000(PBPP2 transcribed chr4	74054038	74055399	-	0	0
ENSG0000(RP11-605F processed_ chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(AC006427. processed_ chr4	16307456	16308167	+	0	0
ENSG0000(CTD-2613C processed_ chr5	1.21E+08	1.21E+08	+	0	0
ENSG0000(HNRNPH1F processed_ chr5	55838801	55840025	-	0	0
ENSG0000(FLJ46284 processed_ chr8	92699742	92879502	-	0.09	0.04
ENSG0000(LINC01574 lincRNA chr5	1.77E+08	1.77E+08	+	0	0
ENSG0000(RP11-83A2 transcribed chr4	1.39E+08	1.39E+08	-	0	0.23
ENSG0000(RP11-348J lincRNA chr5	92329230	92332584	+	0	0
ENSG0000(USP46-AS1 lincRNA chr4	52659406	52661668	+	1.04	1.33
ENSG0000(CTD-2128F processed_ chr5	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-138I lincRNA chr4	1.37E+08	1.37E+08	-	1.51	2.51
ENSG0000(CTD-2015A lincRNA chr5	82586776	82587411	-	0	0
ENSG0000(TNFSF12-T1 protein_co chr17	7549099	7561601	+	0	0
ENSG0000(RP11-344G lincRNA chr4	1.71E+08	1.71E+08	+	0	0
ENSG0000(SERBP1P6 processed_ chr5	42465400	42468868	-	0	0
ENSG0000(C5orf17 lincRNA chr5	23951348	24178263	+	2.08	0.77
ENSG0000(RP11-231G lincRNA chr5	1.09E+08	1.09E+08	+	0	0
ENSG0000(PGBD4P4 processed_ chr4	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-5N11 transcribed chr5	31725539	31725902	-	0	0
ENSG0000(ICE2P1 processed_ chr4	1.88E+08	1.88E+08	-	0	0
ENSG0000(CTC-366B1 antisense chr5	75598482	75599380	-	0	0
ENSG0000(B4GALNT2 unprocessed chr17	49085511	49086702	+	0	0
ENSG0000(CTC-537E7 lincRNA chr5	68430427	68434481	-	0	0
ENSG0000(RP11-950K processed_ chr5	1.19E+08	1.19E+08	-	0	0
ENSG0000(UGT2A3P7 unprocessed chr4	69517667	69518400	-	0	0
ENSG0000(HHIP-AS1 antisense chr4	1.45E+08	1.45E+08	-	7.89	8.37
ENSG0000(CTD-2335C processed_ chr5	51427996	51428427	-	0	0
ENSG0000(FAM138E lincRNA chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-463N processed_ chr17	48881122	48881316	+	0	0
ENSG0000(CTD-2135J antisense chr8	10729314	10771392	+	0	0
ENSG0000(CTD-2288C antisense chr5	52675193	52788026	-	0	0

ENSG0000(LINC01846 lincRNA chr5	98086260	98161193	-	0	0
ENSG0000(AP000867. processed_chr11	71568680	71568934	+	0	0
ENSG0000(FMN1 protein_co chr15	32765545	33194733	-	0.14	0.14
ENSG0000(MTND2P3 unprocessε chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-730N lincRNA chr5	24835280	24840583	-	0	0
ENSG0000(HMGB1P2 processed_chr5	78644265	78644845	-	0.36	0.27
ENSG0000(RP11-182E processed_chr8	52975111	52976116	-	0	0
ENSG0000(RP11-171N lincRNA chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(PHBP14 processed_chr4	1.68E+08	1.68E+08	+	0	0
ENSG0000(ACTR6P1 processed_chr4	1.07E+08	1.07E+08	-	0	0
ENSG0000(NUP210P3 unprocessε chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(CTD-2089N lincRNA chr5	50969660	50970187	+	0	0
ENSG0000(ATP5J2-PT protein_co chr7	99419749	99466197	-	2.88	4.21
ENSG0000(USP17L19 protein_co chr4	9253378	9255329	+	0	0
ENSG0000(RP11-774G processed_chr4	1.8E+08	1.8E+08	+	0	0
ENSG0000(MTND5P11 processed_chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-481K transcribec chr4	1.44E+08	1.44E+08	-	0	0
ENSG0000(CTD-2083E antisense chr5	269858	271516	-	0.42	0.31
ENSG0000(RP11-777B processed_chr4	77958000	77958780	-	0.08	0
ENSG0000(CTD-2334D lincRNA chr5	1.21E+08	1.21E+08	+	0.32	0.3
ENSG0000(CTD-2151A processed_chr5	99594880	99595297	+	0	0
ENSG0000(HIGD1AP3 processed_chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(CTC-250P2 processed_chr5	73020700	73021279	-	0	0
ENSG0000(MTCYBP40 processed_chr5	97677547	97678681	-	0	0
ENSG0000(RP11-319G antisense chr3	1.39E+08	1.4E+08	+	1.13	1.44
ENSG0000(USP17L22 protein_co chr4	9267619	9269570	+	0	0
ENSG0000(CTD-2254N antisense chr5	60021249	60033020	+	0	0
ENSG0000(RP11-36B1 antisense chr4	37588087	37588875	-	0.55	0.3
ENSG0000(RP11-395F. lincRNA chr4	43133867	43234956	+	0	0
ENSG0000(LINC01335 lincRNA chr5	74306410	74308325	-	0	0
ENSG0000(RP11-1026 lincRNA chr5	1.78E+08	1.78E+08	-	0	0
ENSG0000(FAM90A6P unprocessε chr8	7549053	7552062	-	0	0
ENSG0000(MTND3P22 processed_chr4	49246601	49246915	+	0	0
ENSG0000(RP11-661C lincRNA chr5	946315	956520	+	0	0
ENSG0000(LDHBP3 processed_chr5	92840807	92841628	-	0	0
ENSG0000(MTCO2P32 processed_chr5	1370543	1370945	-	0	0
ENSG0000(RP11-304F lincRNA chr17	49887598	49900893	+	0	0
ENSG0000(RP11-114H processed_chr5	1.31E+08	1.31E+08	+	0	0
ENSG0000(HMGB1P4 processed_chr4	77963940	77964511	+	0	0
ENSG0000(ZSWIM5P3 processed_chr4	1.29E+08	1.29E+08	-	0	0
ENSG0000(CTD-2287N lincRNA chr5	4012708	4013649	-	0	0
ENSG0000(RP11-94H1 lincRNA chr8	29815004	29854543	-	0.06	0.2
ENSG0000(CTB-174D1 antisense chr5	1.69E+08	1.69E+08	+	0	0
ENSG0000(BCLAF1P1 processed_chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-241J. processed_chr5	80746339	80746819	-	0	0

ENSG0000010248325	CTD-2256P antisense	chr5	10248325	10249915	+	0	0
ENSG00000135678484	CTD-2113L antisense	chr5	35678484	35827018	-	0	0
ENSG00000103E+08	KRT8P46 processed	chr4	1.03E+08	1.03E+08	-	0.57	0.45
ENSG0000014451930	RP11-445C lincRNA	chr5	4451930	4866221	-	0	0
ENSG00000129952397	CTD-2251F lincRNA	chr14	29952397	30297043	-	0	0
ENSG00000140142198	RP11-395I processed	chr4	40142198	40142365	-	0	0
ENSG00000184828573	RP11-98H4 unprocessed	chr8	84828573	84829479	-	0	0
ENSG00000119E+08	LAMTOR3P processed	chr5	1.19E+08	1.19E+08	-	0	0
ENSG00000176E+08	RP11-87F1 antisense	chr4	1.76E+08	1.76E+08	-	0.23	0.25
ENSG00000191108023	AC004054. antisense	chr4	91108023	91112790	-	0	0
ENSG0000018320279	RP11-774C lincRNA	chr4	8320279	8323965	+	0.32	0.16
ENSG00000144944015	PRDX4P1 processed	chr4	44944015	44944961	-	0	0
ENSG00000159E+08	RP11-815N processed	chr4	1.59E+08	1.59E+08	+	0	0
ENSG00000128679183	RP11-960D lincRNA	chr11	28679183	28683469	+	0	0
ENSG00000152E+08	RP11-73G1 lincRNA	chr4	1.52E+08	1.52E+08	+	0	0
ENSG00000132937364	XXbac-BPG protein	chr6	32937364	32953122	-	0	0.25
ENSG0000011933863	RP11-259C lincRNA	chr5	1933863	1959176	+	0	0
ENSG00000164920845	RP11-766N lincRNA	chr12	64920845	64982524	-	0	0
ENSG00000177E+08	RP11-1334 antisense	chr5	1.77E+08	1.78E+08	+	0	0
ENSG00000165142703	EFTUD1P2 processed	chr4	65142703	65145763	-	0	0
ENSG00000135E+08	CTD-2012I lincRNA	chr4	1.35E+08	1.35E+08	+	0	0
ENSG00000187568035	RP11-742B antisense	chr4	87568035	87733956	-	0	0
ENSG00000119E+08	RP11-358D processed	chr4	1.19E+08	1.19E+08	+	0	0
ENSG0000019E+08	CLUHP4 unprocessed	chr4	1.9E+08	1.9E+08	-	0	0
ENSG00000147E+08	PRMT5P1 processed	chr4	1.47E+08	1.47E+08	-	0	0
ENSG0000017272148	FAM90A4P unprocessed	chr8	7272148	7275158	+	0	0
ENSG0000012088718	RP11-317B processed	chr4	2088718	2090617	-	0	0
ENSG000001202E+08	RP11-510N sense	chr1	2.02E+08	2.02E+08	+	0	0
ENSG00000177E+08	RP11-487E lincRNA	chr4	1.77E+08	1.77E+08	-	0	0
ENSG00000151E+08	RP11-731D unprocessed	chr4	1.51E+08	1.51E+08	+	0	0
ENSG00000156E+08	FTH1P21 processed	chr4	1.56E+08	1.56E+08	+	0.58	0.32
ENSG00000176242024	HMG2P4 processed	chr5	76242024	76242404	-	2.99	1.26
ENSG00000154956235	RP11-45H2 lincRNA	chr5	54956235	54957846	-	0	0
ENSG00000103E+08	RP11-58B2 antisense	chr5	1.03E+08	1.03E+08	+	0	0
ENSG00000131E+08	GAPDHP56 processed	chr4	1.31E+08	1.31E+08	-	0	0
ENSG00000139713842	RP11-539G processed	chr4	39713842	39714451	-	0	0
ENSG00000131E+08	SNORA58 snoRNA	chr3	1.31E+08	1.31E+08	-	0	0
ENSG00000116E+08	CTC-505O3 lincRNA	chr5	1.16E+08	1.16E+08	-	0	0
ENSG00000153E+08	RP11-285C lincRNA	chr4	1.53E+08	1.53E+08	+	0	0
ENSG00000185429702	CTD-2331D lincRNA	chr5	85429702	85430184	+	0	0
ENSG000001393534	ZNF519P4 processed	chr4	393534	393658	+	0	0
ENSG00000115E+08	CTNNA1P1 processed	chr5	1.15E+08	1.15E+08	-	0	0
ENSG0000011380060	RP5-951N9 antisense	chr12	1380060	1391502	-	0	0
ENSG00000175E+08	SUMO2P6 processed	chr5	1.75E+08	1.75E+08	+	0	0
ENSG00000152E+08	CTB-113P1 antisense	chr5	1.52E+08	1.52E+08	+	0.03	0

ENSG0000(RP11-62517) lincRNA	chr4	77394491	77494286	-	0	0
ENSG0000(AARSP1) processed	chr4	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-21G2) antisense	chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(CTD-2015H) antisense	chr5	80482293	80488063	-	1.72	2.09
ENSG0000(MTND3P24) unprocess	chr4	64610980	64611308	-	0	0
ENSG0000(COX6B1P5) processed	chr4	2234251	2234499	+	0	0
ENSG0000(TRAV31) TR_V_pseu	chr14	22177273	22177864	+	0	0
ENSG0000(RP11-763F) antisense	chr4	91319034	91325306	-	0	0
ENSG0000(RP11-375N) processed	chr8	9453698	9457418	+	0	0
ENSG0000(RP11-447E) processed	chr4	73777636	73778060	-	0	0
ENSG0000(RP11-354C) lincRNA	chr4	91887886	91904335	+	0	0
ENSG0000(RP11-419C) processed	chr5	12794731	12795522	+	0	0
ENSG0000(FAM138D) lincRNA	chr12	36602	38133	-	0	0
ENSG0000(TBCAP3) transcribec	chr4	98909537	98909848	-	0	0
ENSG0000(RP11-3261) processed	chr4	1.85E+08	1.85E+08	-	0	0
ENSG0000(MAST4-IT1) sense_intr	chr5	66662331	66662988	+	0	0
ENSG0000(RP11-72L2) lincRNA	chr5	86967321	87137712	+	0	0
ENSG0000(KRT18P25) processed	chr4	40020240	40021517	+	0	0
ENSG0000(PCNAP1) transcribec	chr4	99160514	99161645	-	0	0
ENSG0000(RP11-593F) lincRNA	chr4	60750586	60789999	+	0	0
ENSG0000(CTC-287O8) processed	chr5	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC01033) lincRNA	chr5	54320944	54415125	+	0	0
ENSG0000(EGFLAM-A) antisense	chr5	38345347	38346551	-	0	0
ENSG0000(RP11-777B) processed	chr4	78008512	78008688	-	0	0
ENSG0000(WSPAR) lincRNA	chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(NDUFB2P1) processed	chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-478C) processed	chr4	2324467	2325082	+	0	0
ENSG0000(RP11-1281) processed	chr4	49212251	49212624	-	0	0
ENSG0000(OR5M14P) unprocess	chr4	41722538	41723512	-	0	0
ENSG0000(C5orf66-AS) lincRNA	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-376C) antisense	chr4	1.77E+08	1.77E+08	-	0	0
ENSG0000(CTD-2631K) antisense	chr5	72794405	72816565	-	0	0
ENSG0000(AC051649) sense_ovei	chr11	1864177	1866667	+	0	0
ENSG0000(ZNF436-AS) antisense	chr1	23368997	23371839	+	2.96	2.33
ENSG0000(AIG1P1) unprocess	chr5	39022411	39022558	+	0	0
ENSG0000(RP11-733C) lincRNA	chr4	1.38E+08	1.38E+08	-	0	0
ENSG0000(CTD-2325A) processed	chr5	42892319	42892817	-	0	0
ENSG0000(RP1-7G5.6) lincRNA	chr12	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-290F) lincRNA	chr4	1.84E+08	1.84E+08	-	0.18	0.39
ENSG0000(RP11-39E3) processed	chr3	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-351N) lincRNA	chr5	26382519	26399819	-	0	0
ENSG0000(CTD-2218K) lincRNA	chr5	82765404	82766333	+	0	0
ENSG0000(AC008834) processed	chr5	98025965	98026139	+	0	0
ENSG0000(CTD-2066L) lincRNA	chr5	33008994	33025724	+	0	0
ENSG0000(USP17L17) protein_co	chr4	9243879	9245830	+	0	0

ENSG00000101255	RP11-25L5	processed	chr4	58117758	58118070	-	0	0
ENSG00000101256	RP11-806K	antisense	chr4	1.76E+08	1.76E+08	+	0	0
ENSG00000101257	RP11-1026	antisense	chr5	1.78E+08	1.78E+08	+	0	0
ENSG00000101258	RP11-622J	lincRNA	chr4	59152834	59176146	+	0	0
ENSG00000101259	RP11-43D2	antisense	chr5	1.25E+08	1.25E+08	+	0	0
ENSG00000101260	RP11-5N11	sense_intr	chr5	31738269	31738660	+	0	0
ENSG00000101261	HAUS5	protein_co	chr19	35612744	35625349	+	3.24	4.05
ENSG00000101262	CTD-2194D	antisense	chr5	1883966	1884649	+	0	0
ENSG00000101263	MTND6P4	processed	chr5	1.35E+08	1.35E+08	+	0	0
ENSG00000101264	RP11-227F	lincRNA	chr4	41750345	41757341	+	0	0
ENSG00000101265	RP11-381N	lincRNA	chr4	1.23E+08	1.24E+08	+	0	0.23
ENSG00000101266	MTND3P3	unprocess	chr4	1.55E+08	1.55E+08	-	0	0
ENSG00000101267	LINC02215	lincRNA	chr5	1.19E+08	1.19E+08	+	0	0
ENSG00000101268	SUDS3P1	processed	chr5	1.78E+08	1.78E+08	+	0	0
ENSG00000101269	PSD2-AS1	lincRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG00000101270	RP11-274E	processed	chr5	98203059	98205193	+	0	0
ENSG00000101271	SLED1	transcribec	chr4	1.85E+08	1.85E+08	-	0	0
ENSG00000101272	EPPIN-WF1	protein_co	chr20	45536986	45547426	-	0	0
ENSG00000101273	PRDX2P3	processed	chr5	1.8E+08	1.8E+08	+	0	0
ENSG00000101274	RP11-514C	protein_co	chr6	1.67E+08	1.67E+08	-	0	0.31
ENSG00000101275	CTD-2290P	processed	chr5	32522758	32523865	+	0.06	0
ENSG00000101276	RP11-774C	lincRNA	chr4	8320176	8323863	+	0	0
ENSG00000101277	AC006445	processed	chr4	13631820	13632599	-	0	0
ENSG00000101278	RP11-79P5	transcribec	chr5	73382384	73410509	+	0	0
ENSG00000101279	CTC-472C2	lincRNA	chr5	1.17E+08	1.17E+08	-	0	0
ENSG00000101280	LNCPRESS2	lincRNA	chr4	92268767	92277075	-	0	0
ENSG00000101281	CTD-2036A	lincRNA	chr5	85848502	85849199	+	0	0
ENSG00000101282	RP11-432N	protein_co	chr5	17610496	17611583	+	0	0
ENSG00000101283	RP11-229C	processed	chr5	75006713	75007012	-	0	0
ENSG00000101284	PCDHA11	protein_co	chr5	1.41E+08	1.41E+08	+	0.07	0
ENSG00000101285	RP11-480D	lincRNA	chr5	8387638	8457564	-	0	0
ENSG00000101286	LINC02213	lincRNA	chr5	10504996	10522084	-	0	0
ENSG00000101287	ADAM20P3	processed	chr4	1.88E+08	1.88E+08	-	0	0
ENSG00000101288	CTD-3028N	antisense	chr14	45083045	45083977	-	0	0
ENSG00000101289	RP11-1C1	lincRNA	chr5	10493291	10494094	-	0	0
ENSG00000101290	SEMA6A-A	lincRNA	chr5	1.17E+08	1.17E+08	+	0	0
ENSG00000101291	CTC-529L1	lincRNA	chr5	92654848	92679141	+	0	0
ENSG00000101292	RP11-1J11	processed	chr4	71300258	71301235	-	0	0
ENSG00000101293	RP11-767N	lincRNA	chr4	83668510	83731755	-	0	0
ENSG00000101294	LINC01093	lincRNA	chr4	1.85E+08	1.85E+08	-	0	0
ENSG00000101295	RP11-124N	lincRNA	chr5	18965861	19142346	-	0	0
ENSG00000101296	CTC-484P3	antisense	chr5	94788789	94793599	+	0	0
ENSG00000101297	RP11-304F	processed	chr17	49939122	49939819	+	0	0
ENSG00000101298	MTND4P25	unprocess	chr2	2.02E+08	2.02E+08	+	0	0
ENSG00000101299	CTC-506B8	antisense	chr5	96741079	96742698	-	0	0

ENSG0000(SUMO2P4 processed_ chr5	69068925	69069200	-	0	0
ENSG0000(RP11-424M lincRNA chr4	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-423H antisense chr5	1.78E+08	1.78E+08	-	0	0
ENSG0000(ENPP7P1 unprocessε chr8	8154308	8216916	+	0	0
ENSG0000(AC010492. unprocessε chr19	54246101	54247322	-	0	0
ENSG0000(UBE2V1P1: processed_ chr5	18886622	18887095	-	0	0
ENSG0000(MTND3P2ε processed_ chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(HSPD1P5 processed_ chr4	1.45E+08	1.45E+08	+	0.07	0
ENSG0000(RP11-669N antisense chr12	1.29E+08	1.29E+08	+	0	0
ENSG0000(OR10J9P unprocessε chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-772C lincRNA chr5	57751192	57751717	-	0	0
ENSG0000(CTD-2139B lincRNA chr5	17369225	17375577	-	0	0
ENSG0000(RP11-290C processed_ chr4	1.54E+08	1.54E+08	+	0	0
ENSG0000(CTD-3080P antisense chr5	1173141	1178605	-	0	0
ENSG0000(RP11-473L. lincRNA chr5	44495618	44510282	-	0	0
ENSG0000(GCNT1P2 processed_ chr5	22580225	22580819	-	0	0
ENSG0000(RP11-360F antisense chr4	39112677	39126818	-	0.13	0.07
ENSG0000(AP000304. protein_co chr21	33584687	33931607	-	0	0
ENSG0000(GAPDHP38 processed_ chr19	46558641	46559642	+	0	0.07
ENSG0000(ATP1B1P1 unprocessε chr4	42029209	42030123	+	0	0.07
ENSG0000(RP11-98P2 processed_ chr8	26254883	26256628	-	0	0
ENSG0000(NCOA4P4 processed_ chr5	1.39E+08	1.39E+08	+	0	0.03
ENSG0000(RP11-227F antisense chr4	41688858	41692797	-	0	0
ENSG0000(RP13-560N antisense chr4	9922814	9924146	+	0	0
ENSG0000(ATP5L2 protein_co chr22	42639803	42640601	-	0.08	0
ENSG0000(RP11-343D antisense chr3	98099908	98148134	-	0	0
ENSG0000(SUCLG2P4 processed_ chr5	29001760	29003357	+	0	0
ENSG0000(RP11-769N lincRNA chr4	29046591	29048765	+	0.07	0.16
ENSG0000(NAMPTP2 processed_ chr5	1.45E+08	1.45E+08	-	0	0
ENSG0000(CDH12P2 unprocessε chr5	69985204	69985501	-	0	0
ENSG0000(CASC16 lincRNA chr16	52552090	52652105	-	0	0
ENSG0000(RP11-452J: antisense chr4	16178939	16183120	+	0	0
ENSG0000(RP11-468N unprocessε chr4	68861332	68861610	-	0	0
ENSG0000(CTD-2227I: lincRNA chr5	56059050	56067372	+	0	0
ENSG0000(RP11-376N transcribed chr1	84344678	84349939	+	0	0
ENSG0000(BCL9P1 processed_ chr5	67636382	67638942	+	0	0
ENSG0000(RP11-428L: processed_ chr4	92821986	92822918	-	0	0
ENSG0000(AC069368. protein_co chr15	64841883	64930920	+	1.61	0.58
ENSG0000(AC195454. lincRNA chr4	40316485	40330419	+	0	0
ENSG0000(TMEM150(protein_co chr4	82483170	82562357	-	1.54	1.66
ENSG0000(RP11-548H unprocessε chr4	1.19E+08	1.19E+08	-	0	0
ENSG0000(NCOA4P3 processed_ chr4	1.46E+08	1.46E+08	-	0	0
ENSG0000(MTCYBP17 unprocessε chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(AC010226. antisense chr5	1.16E+08	1.16E+08	+	0.67	0.58
ENSG0000(RP11-665G antisense chr4	15004942	15427914	-	0	0

ENSG0000(RP11-77P1 processed_ chr3	1.3E+08	1.3E+08	+	0	0
ENSG0000(PGAM1P9 processed_ chr11	92366496	92367250	-	0	0
ENSG0000(ATP5LP3 processed_ chr4	24658072	24658375	-	0	0
ENSG0000(RP11-75N2 processed_ chr4	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-468H lincRNA chr8	17131181	17149789	+	0.07	0
ENSG0000(RP11-166J transcribed chr4	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-284A lincRNA chr5	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-710E processed_ chr4	87410644	87411388	+	0	0
ENSG0000(PARP4P3 transcribed chr22	16653892	16659628	-	0	0
ENSG0000(EEF1A1P9 processed_ chr4	1.05E+08	1.05E+08	+	0	0.09
ENSG0000(AC113167. lincRNA chr5	89944910	89947573	+	0	0
ENSG0000(MTHFD2P6 processed_ chr5	41967139	41968366	-	0	0
ENSG0000(LINC00939 lincRNA chr12	1.26E+08	1.26E+08	-	0.07	0.12
ENSG0000(RP11-756P lincRNA chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(KATNBL1P4 processed_ chr5	51930808	51932036	+	0	0
ENSG0000(HNRNPA1F processed_ chr15	65816302	65817481	-	0	0
ENSG0000(UNC93B8 unprocessed chr4	8959628	8963981	+	0	0
ENSG0000(PDLIM1P4 processed_ chr3	98782188	98783193	+	0.24	0.2
ENSG0000(RP11-364P lincRNA chr4	1.58E+08	1.58E+08	+	0	0.35
ENSG0000(RP11-8L21. lincRNA chr5	43874367	43886628	+	0	0
ENSG0000(RP11-302F processed_ chr4	25686202	25686458	-	0	0
ENSG0000(RP11-688H processed_ chr4	76509284	76509719	-	0	0
ENSG0000(LINC02057 lincRNA chr5	61201309	61264929	-	0.6	1.19
ENSG0000(RP11-432N processed_ chr5	17601882	17602134	-	0	0
ENSG0000(ACTR3BP4 processed_ chr4	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-287F processed_ chr4	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-81B2 processed_ chr5	18908866	18909543	+	0	0
ENSG0000(AMD1P3 processed_ chr5	43586918	43588223	-	0.18	0.11
ENSG0000(CTD-2593A processed_ chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(SLC25A15P unprocessed chr22	16645695	16646581	-	0	0
ENSG0000(CTD-2272G processed_ chr5	23329427	23329892	-	0	0
ENSG0000(RP11-68L1. antisense chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(CTC-57511 antisense chr5	73778039	73786491	-	0	0
ENSG0000(RP11-241G antisense chr5	69477472	69502466	-	0	0
ENSG0000(LINC02174 lincRNA chr4	1.72E+08	1.72E+08	-	0	0
ENSG0000(RP11-524L processed_ chr5	75910283	75910576	-	0	0
ENSG0000(FTH1P24 processed_ chr4	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-26P1 antisense chr4	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-13L2. processed_ chr3	1.41E+08	1.41E+08	-	0	0
ENSG0000(LINC01411 lincRNA chr5	1.74E+08	1.75E+08	+	0.05	0.03
ENSG0000(LINC01088 antisense chr4	78971748	79308798	+	0.28	0.53
ENSG0000(RP11-153N antisense chr4	1.54E+08	1.54E+08	+	0	0
ENSG0000(APOBEC3B antisense chr22	38991559	38998209	-	0	0
ENSG0000(TERF1P3 processed_ chr4	1.36E+08	1.36E+08	-	0	0
ENSG0000(ARL2BPP4 processed_ chr5	1.31E+08	1.31E+08	+	0	0

ENSG00000104933	CTC-493P1 unprocessed	chr8	11281364	11282501	-	0	0
ENSG00000104934	CTB-191D1 processed	chr4	1.49E+08	1.49E+08	-	0	0
ENSG00000104935	AC010468. antisense	chr5	1.11E+08	1.11E+08	-	0	0
ENSG00000104936	AC068533. protein_coding	chr7	66087761	66152277	+	0.72	2.71
ENSG00000104937	RP11-206P processed	chr4	25472517	25473815	+	0	0
ENSG00000104938	OR5H5P unprocessed	chr3	98197211	98198138	+	0	0
ENSG00000104939	CTD-2194D antisense	chr5	1887332	1900493	+	0	0
ENSG00000104940	RP11-26J3. lincRNA	chr8	79769372	79871759	-	0.23	0.2
ENSG00000104941	RP11-436F antisense	chr4	46390255	46433188	+	0	0
ENSG00000104942	RP1-251I12. lincRNA	chr5	15112377	15117007	-	0	0
ENSG00000104943	LL22NC03. unprocessed	chr22	22038643	22039126	+	0	0
ENSG00000104944	RP11-61G1. lincRNA	chr4	10685003	10697661	+	0	0
ENSG00000104945	CTC-340D7. lincRNA	chr5	68832585	68962158	-	0	0
ENSG00000104946	SNX18P25 processed	chr4	49588772	49589529	+	0	0
ENSG00000104947	HMGB1P47 processed	chr5	51409617	51410205	-	0	0
ENSG00000104948	RP11-317M. sense_intronic	chr4	53659208	53737156	+	0	0
ENSG00000104949	LINC01333. lincRNA	chr5	74322486	74328297	+	0	0
ENSG00000104950	RP11-575F. lincRNA	chr12	1.27E+08	1.27E+08	-	0	0
ENSG00000104951	LINC01016. lincRNA	chr6	33867506	33896914	-	0	0.13
ENSG00000104952	RP11-747H processed	chr4	8990455	8990806	+	0	0
ENSG00000104953	UGDH-AS1 antisense	chr4	39528019	39594707	+	7.39	8.16
ENSG00000104954	CTC-384G1. lincRNA	chr5	85112342	85112756	-	0	0
ENSG00000104955	RP11-498E processed	chr4	65216616	65217433	+	0	0
ENSG00000104956	LINC02198. lincRNA	chr5	68970692	69030165	-	0	0
ENSG00000104957	NPM1P27 processed	chr5	93682838	93683667	-	0	0.21
ENSG00000104958	RP11-374A. lincRNA	chr5	21323873	21341375	-	0	0
ENSG00000104959	CTD-2233C processed	chr5	33502072	33503135	+	0	0
ENSG00000104960	CTD-2316B. lincRNA	chr5	87662042	87679147	+	0	0
ENSG00000104961	CTB-78O21 processed	chr5	1.46E+08	1.46E+08	-	0.14	0
ENSG00000104962	RP11-434D. lincRNA	chr5	67379378	67805238	+	0	0
ENSG00000104963	RP11-508M. lincRNA	chr5	1.25E+08	1.25E+08	+	0	0
ENSG00000104964	FABP5P12 processed	chr4	1.59E+08	1.59E+08	+	0	0
ENSG00000104965	RP11-782K processed	chr8	15325296	15325569	+	0	0
ENSG00000104966	ATP6V1G11 processed	chr5	78222184	78222517	+	0	0
ENSG00000104967	RP11-650J. antisense	chr4	1.13E+08	1.13E+08	-	0	0
ENSG00000104968	CASC11. lincRNA	chr8	1.28E+08	1.28E+08	-	0	0.16
ENSG00000104969	LINC01060. lincRNA	chr4	1.88E+08	1.89E+08	+	0	0.25
ENSG00000104970	RP1-27K12. antisense	chr6	53503185	53506919	+	0.53	0
ENSG00000104971	RP11-1325 processed	chr5	34373028	34373850	+	0	0
ENSG00000104972	LINC00500. lincRNA	chr4	1.38E+08	1.38E+08	+	0.13	0
ENSG00000104973	RP11-340A processed	chr4	58987182	58988160	-	0	0
ENSG00000104974	LINC02071. lincRNA	chr17	51312609	51335165	-	0	0.07
ENSG00000104975	MTCO2P9 unprocessed	chr4	1.55E+08	1.55E+08	-	0	0
ENSG00000104976	KRTAP5-14 processed	chr11	71579728	71579848	-	0	0
ENSG00000104977	RP11-834C. lincRNA	chr12	54082118	54102693	+	0	0

ENSG00000119251	RP11-725D	lincRNA	chr4	59551142	59630324	-	0	0
ENSG00000119252	CASC9	lincRNA	chr8	75223404	75324741	-	0	0
ENSG00000119253	LINC02212	lincRNA	chr5	10493527	10502728	-	0	0
ENSG00000119254	HMGB3P1	processed	chr5	1.23E+08	1.23E+08	-	0	0
ENSG00000119255	CTC-281M	lincRNA	chr5	1.75E+08	1.75E+08	+	0	0
ENSG00000119256	CTD-2234B	lincRNA	chr5	23013048	23014527	+	0	0
ENSG00000119257	RP11-317C	lincRNA	chr5	50858760	50860020	-	0	0
ENSG00000119258	RP11-893F	lincRNA	chr17	50208972	50214459	+	0.3	0.17
ENSG00000119259	IL20RB-AS1	antisense	chr3	1.37E+08	1.37E+08	-	0	0
ENSG00000119260	RP11-501E	lincRNA	chr4	1.21E+08	1.21E+08	+	0.36	0.15
ENSG00000119261	AK4P2	processed	chr5	55551885	55552554	-	0	0
ENSG00000119262	RP11-391J	processed	chr4	1.75E+08	1.75E+08	+	0	0
ENSG00000119263	CTC-563A5	antisense	chr5	1.8E+08	1.8E+08	+	0	0
ENSG00000119264	RP11-25H1	lincRNA	chr4	65998846	66150012	+	0	0
ENSG00000119265	RP11-614F	processed	chr4	1.32E+08	1.32E+08	+	0	0
ENSG00000119266	RP11-438D	antisense	chr3	1.41E+08	1.41E+08	-	0	0
ENSG00000119267	AC005741	processed	chr5	1.31E+08	1.31E+08	+	0	0
ENSG00000119268	RP11-497K	antisense	chr4	1.62E+08	1.62E+08	+	0	0
ENSG00000119269	ADAMTS19	antisense	chr5	1.29E+08	1.29E+08	-	0	0
ENSG00000119270	RP11-284A	lincRNA	chr5	1.25E+08	1.25E+08	+	0	0
ENSG00000119271	RP11-502M	lincRNA	chr4	1.61E+08	1.61E+08	+	0	0
ENSG00000119272	CTC-448D2	lincRNA	chr5	1.19E+08	1.19E+08	-	0	0
ENSG00000119273	CTD-2050E	lincRNA	chr5	1.43E+08	1.44E+08	-	0.18	0
ENSG00000119274	CTB-161J7	processed	chr5	1.15E+08	1.15E+08	+	0	0
ENSG00000119275	CTD-2224J	processed	chr19	53426019	53426499	-	0	0
ENSG00000119276	CTD-2023N	lincRNA	chr5	57614389	57617431	+	0	0.09
ENSG00000119277	NAIP	protein_co	chr5	70968483	71025114	-	0.61	0.94
ENSG00000119278	KRT18P45	processed	chr5	80288449	80289781	+	0	0
ENSG00000119279	HMGN1P1	processed	chr5	1.12E+08	1.12E+08	-	0	0
ENSG00000119280	RP11-94H6	lincRNA	chr4	19747179	19754591	-	0	0
ENSG00000119281	RP11-1396	processed	chr4	9521910	9522276	+	0	0
ENSG00000119282	RP11-93O1	transcribed	chr5	99489559	99499367	+	0	0
ENSG00000119283	TRAJ60	TR_J_pseud	chr14	22476306	22476362	+	0	0
ENSG00000119284	MTCO1P24	processed	chr5	98410235	98411792	-	0	0
ENSG00000119285	MRPL57P6	processed	chr5	1.63E+08	1.63E+08	+	0	0
ENSG00000119286	RP11-94C2	lincRNA	chr17	50503412	50508328	-	0	0
ENSG00000119287	RP11-638C	processed	chr4	33238239	33238670	-	0	0
ENSG00000119288	RP13-497K	antisense	chr4	23779590	23782560	+	0	0
ENSG00000119289	GZMAP1	unprocessed	chr5	55073015	55096553	+	0	0
ENSG00000119290	RP11-298J	sense_overl	chr10	1.25E+08	1.25E+08	+	11.71	9.55
ENSG00000119291	RP11-624A	lincRNA	chr4	1.77E+08	1.77E+08	-	0	0
ENSG00000119292	ZNF286B	protein_co	chr17	18658429	18682262	-	2.19	0.87
ENSG00000119293	RP11-665C	lincRNA	chr4	1.81E+08	1.81E+08	-	0	0
ENSG00000119294	MLLT10P2	processed	chr4	1.9E+08	1.9E+08	-	0.54	0
ENSG00000119295	RP11-1E22	lincRNA	chr4	1.32E+08	1.32E+08	-	0	0

ENSG0000(LINC01091 lincRNA chr4	1.24E+08	1.24E+08	+	0.49	0.14
ENSG0000(RBMXP4 processed_chr4	1.09E+08	1.09E+08	-	0.21	0.17
ENSG0000(RP11-492C processed_chrX	36719918	36720221	+	0	0
ENSG0000(ZNF324B protein_co chr19	58451604	58457833	+	1.5	1.77
ENSG0000(RP11-1267 processed_chr4	68614419	68615013	+	0	0
ENSG0000(RP11-4914. antisense chr3	1.02E+08	1.02E+08	-	0	0
ENSG0000(CTD-2587N lincRNA chr5	1.09E+08	1.09E+08	-	0.06	0.09
ENSG0000(CTB-49A3. antisense chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-171N antisense chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(SPATS1 protein_co chr6	44342660	44377167	+	0	0
ENSG0000(USP17L14F unprocessε chr4	9229641	9231233	+	0	0
ENSG0000(CTD-2249K lincRNA chr5	81851601	81852201	+	0	0
ENSG0000(LINC01470 lincRNA chr5	1.53E+08	1.53E+08	-	0	0.02
ENSG0000(RBBP4P1 processed_chr5	14797125	14798400	-	0	0
ENSG0000(RP11-2151J unprocessε chr5	8157541	8157788	-	0	0
ENSG0000(LINC01586 lincRNA chr15	88585566	88605110	-	0	0
ENSG0000(NACAP5 processed_chr4	17552117	17552752	-	0	0
ENSG0000(GAPDHP70 processed_chr11	88408179	88409223	-	0	0
ENSG0000(LINC02146 lincRNA chr5	20612625	20614765	-	0	0
ENSG0000(EGFLAM-A. antisense chr5	38425036	38427376	-	0	0
ENSG0000(RP11-159F processed_chr5	43483959	43509356	+	0	0
ENSG0000(ANKRD20A unprocessε chr21	14064325	14069087	+	0	0
ENSG0000(CTB-161M. antisense chr5	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-1152 processed_chr5	1.02E+08	1.02E+08	+	0	0
ENSG0000(LINC02075 lincRNA chr17	49457861	49461749	-	0	0
ENSG0000(LINC01179 lincRNA chr4	1.66E+08	1.66E+08	+	0.09	0.14
ENSG0000(USP9YP2 unprocessε chrY	18776279	18779427	-	0	0
ENSG0000(AC006160. antisense chr4	17587467	17614571	-	0	0.1
ENSG0000(HMGN1P1 processed_chr5	1.48E+08	1.48E+08	-	0	0
ENSG0000(PCDHA14 transcribed chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-434H processed_chr3	1.29E+08	1.29E+08	+	0	0
ENSG0000(ZEB2P1 transcribed chr4	16360686	16397323	-	0	0
ENSG0000(RP11-402J. antisense chr4	1.13E+08	1.13E+08	+	0	0
ENSG0000(KB-1247B1 processed_chr8	94201913	94203052	-	0	0
ENSG0000(RP11-404I7 lincRNA chr4	1.33E+08	1.33E+08	-	0	0
ENSG0000(TMEM251f processed_chr5	91030990	91031307	-	0	0
ENSG0000(LINC02113 lincRNA chr5	99549432	99577957	+	0	0
ENSG0000(PRELID3BP processed_chr5	42917414	42917984	+	0	0
ENSG0000(CTC-327F1 processed_chr5	1.48E+08	1.48E+08	-	0	0
ENSG0000(LINC01438 lincRNA chr4	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-386B processed_chr4	1.85E+08	1.85E+08	+	0	0
ENSG0000(LINC02114 lincRNA chr5	4773481	4774865	+	0	0
ENSG0000(RP11-718N processed_chr4	3910283	3910604	+	0	0
ENSG0000(RP11-344G processed_chr4	1.71E+08	1.71E+08	+	0	0
ENSG0000(CTB-35F21 lincRNA chr5	1.4E+08	1.4E+08	+	0	0

ENSG0000(RP11-642E processed_ chr4	68300325	68302459	+	0	0
ENSG0000(RP11-148B antisense chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(LINC01258 lincRNA chr4	38420662	38523180	-	0	0
ENSG0000(MRPS36P2 processed_ chr4	1.87E+08	1.87E+08	+	0	0
ENSG0000(RP11-789L processed_ chr3	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-692C processed_ chr5	2787451	2788549	-	0	0
ENSG0000(EEF1A1P21 processed_ chr4	29748757	29750100	+	0	0
ENSG0000(CTC-558O1 antisense chr5	94979151	94980893	+	0	0
ENSG0000(RP11-453C lincRNA chr4	23234625	23285573	-	0	0
ENSG0000(LINC01234 lincRNA chr12	1.14E+08	1.14E+08	-	0	0.12
ENSG0000(LINC02216 lincRNA chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(PPP2R2B-l sense_intron chr5	1.47E+08	1.47E+08	-	0	0
ENSG0000(TMEM248l processed_ chr4	1.26E+08	1.26E+08	-	0	0
ENSG0000(HSPD1P15 processed_ chr5	19233366	19234487	+	0	0
ENSG0000(RCC2P4 processed_ chr3	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-116C processed_ chr5	24578294	24578561	-	0	0
ENSG0000(RP11-751L unprocessed_ chr4	9733370	9742361	+	0	0
ENSG0000(RP11-390C processed_ chr4	29907659	29907791	-	0	0
ENSG0000(SERBP1P5 processed_ chr4	78180866	78182046	-	0	0
ENSG0000(RP11-234C antisense chr4	1.61E+08	1.61E+08	+	0	0
ENSG0000(CTD-2203K antisense chr5	33424025	33440619	-	1.08	0.15
ENSG0000(AC226118. lincRNA chr7	379359	382712	+	0	0
ENSG0000(CTD-2195N processed_ chr5	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-586E processed_ chr5	63022919	63023489	-	0	0
ENSG0000(MTATP6P2 unprocessed_ chr3	1.07E+08	1.07E+08	-	0	0
ENSG0000(CLRN2 protein_coding chr4	17515165	17527104	+	0	0
ENSG0000(RPL7L1P4 processed_ chr5	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP11-478P lincRNA chr5	57890327	57899162	-	0	0
ENSG0000(CTC-537E7 lincRNA chr5	68523878	68530007	+	0	0
ENSG0000(RP4-539Ml protein_coding chr22	30409255	30428990	+	0.05	0.85
ENSG0000(RP11-440L antisense chr4	762387	781849	-	3.13	3.58
ENSG0000(CTB-46B19 antisense chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(BMP1B-A lincRNA chr4	94743800	94757533	-	0	0
ENSG0000(RP11-510l processed_ chr5	1.22E+08	1.22E+08	-	0	0
ENSG0000(LINC01187 lincRNA chr5	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-98D1 antisense chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-286E antisense chr4	1.08E+08	1.08E+08	-	0	0.02
ENSG0000(CTC-218H9 sense_intron chr5	1.44E+08	1.44E+08	+	0	0
ENSG0000(TRAPP2P7 unprocessed_ chrY	18655520	18656190	-	0	0
ENSG0000(RP11-197C processed_ chr5	23688927	23689386	+	0	0
ENSG0000(RP11-635L antisense chr4	1.69E+08	1.69E+08	-	0	0
ENSG0000(CTC-441N1 antisense chr5	1.22E+08	1.22E+08	-	0	0
ENSG0000(LINC02173 lincRNA chr4	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-703G lincRNA chr4	1.04E+08	1.04E+08	+	7.93	7.19
ENSG0000(CCNB3P1 processed_ chr5	26739753	26741183	-	0	0

ENSG0000(RP11-366M processed_ chr4	1.65E+08	1.65E+08 +	0	0
ENSG0000(RP11-422J lincRNA chr4	1.3E+08	1.3E+08 +	0	0
ENSG0000(HMGN1P1 processed_ chr5	1.12E+08	1.12E+08 -	0	0
ENSG0000(RP11-321E processed_ chr5	17511833	17512238 -	0	0
ENSG0000(CTD-2544H lincRNA chr5	1.22E+08	1.22E+08 -	0	0
ENSG0000(RP11-610J antisense chr4	1.69E+08	1.69E+08 -	0	0
ENSG0000(AP000295 protein_co chr21	33246774	33283212 +	0.33	1.23
ENSG0000(RP11-496H processed_ chr3	1.98E+08	1.98E+08 +	0.27	0.38
ENSG0000(RP11-312A processed_ chr4	1.58E+08	1.58E+08 +	0	0
ENSG0000(LINC00942 lincRNA chr12	1500525	1507318 -	0	0
ENSG0000(RP11-281P lincRNA chr4	11625714	11813958 +	0	0
ENSG0000(OR52V1P unprocessε chr11	5527277	5528174 -	0.14	0.23
ENSG0000(USP9YP5 unprocessε chrY	18490915	18494295 -	0	0
ENSG0000(RP11-710F antisense chr4	1.06E+08	1.06E+08 -	0	0.03
ENSG0000(CTC-329D1 antisense chr5	1.4E+08	1.4E+08 -	0	0
ENSG0000(CTD-2296D lincRNA chr5	7362979	7364531 -	0	0
ENSG0000(CTB-138E5 antisense chr5	1.35E+08	1.35E+08 +	0	0
ENSG0000(HOXC13-A antisense chr12	53935328	53939643 -	0	0
ENSG0000(RP11-565A lincRNA chr4	1.88E+08	1.88E+08 +	0	0
ENSG0000(RP11-552M lincRNA chr4	23105502	23123487 +	0	0
ENSG0000(OR7E94P transcribec chr4	79587302	79588130 -	0.91	0.85
ENSG0000(C5orf66-AS lincRNA chr5	1.35E+08	1.35E+08 -	0	0
ENSG0000(MRPS33P2 processed_ chr4	38006784	38007105 -	0	0
ENSG0000(RP11-310P antisense chr5	602620	612210 -	0	0
ENSG0000(VN1R104P transcribec chr19	54320204	54321212 -	0	0
ENSG0000(CTC-325J2 antisense chr5	80630313	80631590 -	0.13	0
ENSG0000(RP11-1018 lincRNA chr17	51335261	51336240 +	0	0
ENSG0000(TNRC18P1 processed_ chr4	1.41E+08	1.41E+08 -	0.06	0.03
ENSG0000(LINC02218 lincRNA chr5	17444010	17483946 +	0	0
ENSG0000(CTD-2227C lincRNA chr5	83012285	83013109 -	0	0
ENSG0000(LINC01259 lincRNA chr4	38509767	38518056 +	0	0
ENSG0000(KRT18P56 processed_ chr5	40066651	40067200 +	0	0
ENSG0000(CARMN lincRNA chr5	1.49E+08	1.49E+08 +	1.97	2.22
ENSG0000(NOP14-AS1 antisense chr4	2934899	2961738 +	7.2	6.71
ENSG0000(RP11-217C lincRNA chr4	1.66E+08	1.67E+08 -	0	0
ENSG0000(RP11-619J antisense chr4	30776257	30793970 -	0	0
ENSG0000(RP11-279C antisense chr4	1.85E+08	1.85E+08 +	0.43	0.24
ENSG0000(TUBA3GP unprocessε chr22	21065462	21070097 +	0	0
ENSG0000(KRT19P3 processed_ chr4	1.1E+08	1.1E+08 -	0	0
ENSG0000(RP11-423H antisense chr5	1.78E+08	1.78E+08 +	0.39	0.83
ENSG0000(RP11-360F lincRNA chr4	39133913	39135608 +	0.86	1.33
ENSG0000(RP11-790I1 unprocessε chr4	69450014	69451613 +	0	0
ENSG0000(RP11-5N11 sense_intrε chr5	31754219	31754656 +	0	0
ENSG0000(AC138517 processed_ chr5	1.39E+08	1.39E+08 +	0	0
ENSG0000(RP11-1336 antisense chr4	1.51E+08	1.51E+08 +	0	0

ENSG0000(RP11-445J):processed_chr3	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-21G2):processed_chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(TH EGL protein_co)chr4	56530609	56603507	+	0	0.14
ENSG0000(RP11-598F):antisense_chr12	137411	149169	-	0	0
ENSG0000(RP11-155L):lincRNA_chr5	56313905	56321397	-	0	0
ENSG0000(MTCO3P9):unprocessεchr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-415C):lincRNA_chr4	27217479	27282225	+	0.07	0.15
ENSG0000(SRD5A3-AS):processed_chr4	55363971	55395847	-	0.44	0.59
ENSG0000(RP11-89B1):sense_intrεchr4	53899871	53916835	+	0	0
ENSG0000(RP11-503L):lincRNA_chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(ZNF564 protein_co)chr19	12525370	12551542	-	2.26	1.52
ENSG0000(RP11-588P):antisense_chr4	1E+08	1E+08	+	0	0.15
ENSG0000(CTD-2236F):antisense_chr5	76606608	76608970	-	0	0
ENSG0000(FER1L5 protein_co)chr2	96642737	96704885	+	0.16	0.06
ENSG0000(RP11-44F2):antisense_chr4	74955974	74970362	-	0	0
ENSG0000(RP11-83M):processed_chr5	67692812	67693200	-	0	0
ENSG0000(CTC-430J1):lincRNA_chr5	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP11-469L):lincRNA_chr3	1.33E+08	1.33E+08	-	0	0
ENSG0000(TUBB1P1):unprocessεchrY	18386974	18389151	+	0	0
ENSG0000(RP11-273B):lincRNA_chr4	54836161	54845402	-	0	0
ENSG0000(RP11-55C6):processed_chr4	44840380	44841402	-	0	0
ENSG0000(OR10J4 polymorph)chr1	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP11-259C):lincRNA_chr5	1968094	1969013	+	6.27	4.84
ENSG0000(RP11-332J):lincRNA_chr5	6795880	6826728	+	0	0
ENSG0000(RP11-468N):unprocessεchr4	68985009	68988533	-	0	0
ENSG0000(RP11-83M):lincRNA_chr5	67632266	67646789	-	0	0
ENSG0000(RP1-167G2):antisense_chr5	16428536	16432436	+	0	0
ENSG0000(AC008697):antisense_chr5	1.59E+08	1.6E+08	+	0	0
ENSG0000(OSMR-AS1):lincRNA_chr5	38710367	38845829	-	0.42	0.47
ENSG0000(RP11-673E):processed_chr4	1.44E+08	1.44E+08	-	2.47	2.22
ENSG0000(RP11-217E):lincRNA_chr4	1.87E+08	1.87E+08	-	0	0
ENSG0000(RP11-60A8):lincRNA_chr5	73213947	73294934	+	0	0
ENSG0000(CTD-2057J):processed_chr5	29848684	29849218	-	0	0
ENSG0000(HMGB1P2ε):processed_chr4	41842154	41843950	-	0	0
ENSG0000(RP11-254I):lincRNA_chr5	96213346	96215075	-	0	0
ENSG0000(RP11-308K):lincRNA_chr4	1.87E+08	1.87E+08	+	0	0
ENSG0000(RP11-79C6):antisense_chr5	35938822	35939993	+	0	0
ENSG0000(ECSCR protein_co)chr5	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-563M):lincRNA_chr4	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-415I):antisense_chr12	63623788	63795718	-	0	0
ENSG0000(NDUFB4P9):processed_chr4	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-466G):processed_chr4	88527160	88528170	+	0.1	0
ENSG0000(CTD-2278B):processed_chr5	97336858	97337040	-	0	0
ENSG0000(RP11-618I):processed_chr4	69242628	69250815	+	0	0
ENSG0000(RP11-1299):processed_chr4	98713804	98713971	-	0	0

ENSG0000(RP11-802H processed_ chr4	33400538	33400679	+	0	0
ENSG0000(ENPP7P10 unprocessε chr4	9079023	9141608	+	0	0
ENSG0000(HSPE1P10 processed_ chr5	1.27E+08	1.27E+08	-	0	0
ENSG0000(MTND6P17 unprocessε chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-457P lincRNA chr4	41883060	41894579	-	0	0
ENSG0000(CTD-2193P antisense chr5	81113385	81114852	-	0	0
ENSG0000(RP11-15K1 protein_co chr7	55887277	55955239	+	0.57	0.78
ENSG0000(CTD-2206G processed_ chr5	31923367	31923532	+	0	0
ENSG0000(RP11-133F lincRNA chr5	92410256	92660863	-	0	0
ENSG0000(SAP18P1 processed_ chr5	76075531	76075920	+	0	0
ENSG0000(TRMT112P processed_ chr5	80033171	80033302	-	0	0
ENSG0000(RP11-447H processed_ chr5	43206709	43207811	+	0	0
ENSG0000(RP11-352E processed_ chr4	12640298	12640637	-	0	0
ENSG0000(LINC02112 lincRNA chr5	9641305	9903826	-	0	0
ENSG0000(RP11-417J lincRNA chr5	8525179	8528679	+	0	0
ENSG0000(SCARNA22 scaRNA chr4	1974636	1974760	+	0	0
ENSG0000(LINC02103 lincRNA chr5	28286389	28287665	-	0	0
ENSG0000(EAF1-AS1 antisense chr3	15436171	15455940	-	0.32	0.71
ENSG0000(RP11-346J lincRNA chr5	1E+08	1E+08	+	0	0
ENSG0000(RP11-20D1 lincRNA chr12	8788257	8795789	+	0.25	0.34
ENSG0000(CTC-428G2 antisense chr5	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-1072 lincRNA chr5	85212958	85213614	-	0	0
ENSG0000(RP11-18O1 processed_ chr4	1.27E+08	1.27E+08	+	0	0
ENSG0000(LINC02147 lincRNA chr5	1.18E+08	1.18E+08	+	0	0
ENSG0000(HSD3BP3 unprocessε chr1	1.2E+08	1.2E+08	+	0	0
ENSG0000(SNRPCP13 processed_ chr4	9583942	9584131	-	0	0
ENSG0000(RP11-114H lincRNA chr5	1.36E+08	1.37E+08	+	0	0
ENSG0000(RP11-223C lincRNA chr4	1.43E+08	1.43E+08	+	0	0
ENSG0000(CTD-2199C lincRNA chr5	10137138	10138365	+	0.33	0.6
ENSG0000(LINC01377 lincRNA chr5	3177835	3181232	+	0	0
ENSG0000(USP17L21 protein_co chr4	9262872	9264823	+	0	0
ENSG0000(RP11-269F lincRNA chr4	1.12E+08	1.12E+08	-	0	0
ENSG0000(LINC00964 lincRNA chr8	1.25E+08	1.25E+08	+	0.1	0
ENSG0000(RP11-73G1 lincRNA chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-392C processed_ chr4	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP11-503I2 processed_ chr3	1.33E+08	1.33E+08	+	0	0
ENSG0000(CTD-2201I antisense chr5	80052374	80083654	-	0.13	0
ENSG0000(RP11-1281 processed_ chr4	49203171	49203726	-	0	0
ENSG0000(CTC-422A1 processed_ chr5	79191549	79191747	+	0	0
ENSG0000(LINC02162 lincRNA chr5	3452816	3461660	+	0	0
ENSG0000(RP11-4O3 lincRNA chr4	57720035	57724655	+	0	0
ENSG0000(CCDC37-AS antisense chr3	1.26E+08	1.26E+08	-	0	0
ENSG0000(PGBD4P3 processed_ chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(VCAN-AS1 antisense chr5	83531352	83581320	-	0	0
ENSG0000(CTD-2325B lincRNA chr4	1.24E+08	1.24E+08	-	0	0

ENSG0000(SUMO2P7 processed_ chr17	50235845	50236129	+	0	0
ENSG0000(AC011330. unprocessε chr15	43663654	43684339	-	0.96	0.26
ENSG0000(GAPDHP76 unprocessε chr19	11585246	11587135	+	0	0
ENSG0000(CTD-2331D lincRNA chr5	85446974	85447758	+	0	0
ENSG0000(RP11-45H2 processed_ chr5	54878238	54878588	+	0	0
ENSG0000(OR7E43P unprocessε chr4	4174319	4175238	-	0	0
ENSG0000(LINC02021 lincRNA chr3	1.3E+08	1.3E+08	+	0.99	0.72
ENSG0000(RP11-192C lincRNA chr4	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-212F processed_ chr8	10336782	10337677	-	0	0
ENSG0000(RP11-1101 antisense chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000(KRT18P31 processed_ chr5	36885206	36886497	+	0.05	0
ENSG0000(RPS27AP1ε processed_ chr5	1.38E+08	1.38E+08	-	0	0
ENSG0000(AC145676. TEC chr7	227554	229557	-	0	0
ENSG0000(HS3ST5 protein_co chr6	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-420C lincRNA chr5	20305565	20331456	+	0	0
ENSG0000(EEF1A1P19 processed_ chr5	43495073	43496454	-	0.42	0.22
ENSG0000(CTD-2503C lincRNA chr5	74917726	75023928	-	0	0
ENSG0000(CTD-2227C lincRNA chr5	82940458	82940983	-	0	0
ENSG0000(SNX5P1 processed_ chr4	76344550	76345590	+	0	0
ENSG0000(PVT1 lincRNA chr8	1.28E+08	1.28E+08	+	7.43	10.54
ENSG0000(MTRNR2L5 protein_co chr10	55599303	55600041	+	0	0
ENSG0000(LGALS16 protein_co chr19	39655894	39660647	+	0	0
ENSG0000(RP11-177C processed_ chr4	37868292	37869978	+	0.11	0.31
ENSG0000(CTD-2296D antisense chr5	7367929	7373074	-	0	0
ENSG0000(OR7E83P unprocessε chr4	9512905	9513874	+	0	0
ENSG0000(RP11-115J; lincRNA chr11	28702615	29063821	+	0	0
ENSG0000(RP11-63E5 lincRNA chr8	311133	331026	-	0	0
ENSG0000(RP11-93K2 processed_ chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-481C antisense chr17	51042524	51085471	+	0	0
ENSG0000(RP11-983C lincRNA chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-51M; lincRNA chr4	1.74E+08	1.74E+08	-	0	0
ENSG0000(CTC-563A5 processed_ chr5	1.8E+08	1.8E+08	-	0.1	0
ENSG0000(RP11-706F lincRNA chr4	1.89E+08	1.89E+08	-	0	0
ENSG0000(CTD-2244C processed_ chr5	61831947	61833024	-	0	0
ENSG0000(CTB-57H20 sense_ovei chr5	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-665I; lincRNA chr4	31506666	31558821	+	0	0
ENSG0000(RP11-460H lincRNA chr4	1.81E+08	1.81E+08	-	0	0
ENSG0000(RNF103-Cf protein_co chr2	86505668	86721122	-	1.01	0
ENSG0000(ARHGEF38 sense_intrε chr4	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-457P processed_ chr4	41924180	41924380	+	0	0
ENSG0000(RP11-447H processed_ chr5	43225506	43225813	-	0	0
ENSG0000(ALG1L11P unprocessε chr8	12178697	12182719	+	0	0
ENSG0000(RP11-813N unprocessε chr4	69021656	69022340	-	0	0
ENSG0000(KRT19P6 processed_ chr4	91885046	91885254	-	0	0
ENSG0000(RP11-525J; lincRNA chr4	59767816	59792114	-	0	0

ENSG00000161611	MTND6P16	unprocessed	chr4	64608905	64609424	+	0	0
ENSG00000161612	RP11-434D	lincRNA	chr5	67800740	67890096	-	0.13	0.28
ENSG00000161613	RP11-586D	transcribed	chr4	6200733	6239937	+	0.01	0
ENSG00000161614	MCPH1-AS	antisense	chr8	6618475	6708209	-	0.93	0.62
ENSG00000161615	CTD-2175A	antisense	chr5	52932419	52990278	-	0	0
ENSG00000161616	RP11-781M	antisense	chr4	1.58E+08	1.59E+08	-	0	0
ENSG00000161617	CTC-394G3	processed	chr5	1.26E+08	1.26E+08	-	0	0
ENSG00000161618	RP5-1029K	antisense	chr17	49505657	49574064	-	0	0
ENSG00000161619	BRD9P2	unprocessed	chr5	767382	768930	-	0	0
ENSG00000161620	CYCTP	unitary_psi	chr2	1.78E+08	1.78E+08	-	0	0
ENSG00000161621	TRIM51CP	unprocessed	chr11	48945694	48951895	+	0	0
ENSG00000161622	TRBV26	TR_V_pseu	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000161623	PDCD6	protein_co	chr5	271621	353856	+	52.34	49.69
ENSG00000161624	CTD-2280E	antisense	chr5	1.22E+08	1.22E+08	-	0	0
ENSG00000161625	LINC00536	lincRNA	chr8	1.16E+08	1.16E+08	-	0	0
ENSG00000161626	FABP5P6	processed	chr5	1.2E+08	1.2E+08	-	0	0
ENSG00000161627	HNRNPA1P	processed	chr4	73938604	73939558	-	0	0
ENSG00000161628	CTC-329H1	processed	chr5	1.09E+08	1.09E+08	+	0	0
ENSG00000161629	XXbac-B44	antisense	chr22	20198729	20204918	-	0	0
ENSG00000161630	RP11-27G1	lincRNA	chr4	1.55E+08	1.55E+08	-	0	0
ENSG00000161631	RP11-495K	lincRNA	chr12	1.32E+08	1.32E+08	+	0	0
ENSG00000161632	CTD-2151L	processed	chr5	18893902	18894168	-	0	0
ENSG00000161633	UQCRBP3	processed	chr5	14874400	14874711	-	0	0
ENSG00000161634	AC007016	processed	chr4	15492729	15492972	-	0	0
ENSG00000161635	GOLGA8K	protein_co	chr15	32392782	32403292	-	0.14	0.32
ENSG00000161636	NCOA4P2	processed	chr4	88508591	88510403	-	0	0
ENSG00000161637	RAC1P2	processed	chr4	46723830	46724408	-	1.08	0
ENSG00000161638	RP11-454P	lincRNA	chr5	17684584	17955857	+	0	0
ENSG00000161639	CTD-2046I	lincRNA	chr5	4866521	4874759	+	0	0
ENSG00000161640	AC142293	antisense	chr4	74552584	74589481	-	0	0
ENSG00000161641	RP11-213L	processed	chr4	1.71E+08	1.71E+08	-	0	0
ENSG00000161642	CTB-161J7	processed	chr5	1.15E+08	1.15E+08	+	0	0
ENSG00000161643	RP11-598D	lincRNA	chr4	1.75E+08	1.75E+08	-	0	0
ENSG00000161644	XBP1P1	processed	chr5	1.13E+08	1.13E+08	+	0	0
ENSG00000161645	GBA3	polymorph	chr4	22692914	22819575	+	0	0
ENSG00000161646	CTC-394G3	processed	chr5	1.26E+08	1.26E+08	-	0	0
ENSG00000161647	RP11-554D	lincRNA	chr4	94675245	94702570	+	0	0
ENSG00000161648	RP11-6E9	antisense	chr4	1.7E+08	1.7E+08	+	0	0
ENSG00000161649	UGT2B24P	processed	chr4	69408828	69423164	+	0	0
ENSG00000161650	CCT7P2	processed	chr5	92889387	92890840	-	0	0
ENSG00000161651	RP11-252I	lincRNA	chr5	1.08E+08	1.08E+08	-	0	0
ENSG00000161652	RP11-791G	processed	chr4	82571137	82571814	+	0	0
ENSG00000161653	TERB1	protein_co	chr16	66754976	66801620	-	0.42	0.18
ENSG00000161654	RP11-80H5	processed	chr10	89644603	89645223	-	0.96	0.55
ENSG00000161655	EEF1A1P2C	processed	chr5	99996547	99997932	+	0	0

ENSG0000(CDC42P4 processed_ chr4	1.1E+08	1.1E+08 +	0	0
ENSG0000(CTD-2194D antisense chr5	1850950	1851497 +	0	0
ENSG0000(RP11-548K protein_co chr10	97584374	97673910 +	0	0
ENSG0000(RP11-622A processed_ chr4	73543822	73544013 +	0	0
ENSG0000(RP11-256P antisense chr5	1.38E+08	1.38E+08 -	0	0
ENSG0000(CHCHD2P7 processed_ chr4	87785920	87786371 -	0	0
ENSG0000(OR5H3P unprocessε chr3	98207423	98208341 +	0	0
ENSG0000(RP11-580P processed_ chr4	73337233	73337771 -	0	0
ENSG0000(RP11-155G processed_ chr5	97449358	97449741 -	0	0
ENSG0000(TRGV7 TR_V_pseu chr7	38335041	38335514 -	0	0.29
ENSG0000(RP11-136K lincRNA chr5	71445616	71446569 +	0	0
ENSG0000(RP11-1018 lincRNA chr17	51332679	51334090 +	0	0
ENSG0000(CTC-529L1 lincRNA chr5	92675956	92688254 -	0	0
ENSG0000(RP11-468N unprocessε chr4	68907918	68908034 -	0	0
ENSG0000(YWHAQP6 processed_ chr3	1.42E+08	1.42E+08 -	0	0
ENSG0000(RPS4XP20 processed_ chr19	34022656	34023427 -	0	0
ENSG0000(RP11-669N lincRNA chr4	14164455	14242813 +	0	0
ENSG0000(MTCO2P24 processed_ chr5	98409675	98410100 -	0	0
ENSG0000(TMEM158 protein_co chr3	45224466	45226278 -	8.43	8.19
ENSG0000(BFSP2-AS1 antisense chr3	1.33E+08	1.33E+08 -	0	0
ENSG0000(CTD-2383I lincRNA chr5	4033713	4041764 -	0	0
ENSG0000(ECM1P2 processed_ chr4	12639086	12641009 +	0	0
ENSG0000(RP11-359P antisense chr5	1.23E+08	1.23E+08 +	0	0.42
ENSG0000(MTCO3P7 unprocessε chr2	1.3E+08	1.3E+08 +	0	0
ENSG0000(RP11-141E lincRNA chr4	16973275	17073903 -	0	0
ENSG0000(CTD-2201E sense_intrε chr5	9519853	9523178 -	0	0
ENSG0000(LINC02107 lincRNA chr5	38025697	38183932 +	0	0
ENSG0000(CTB-179I1. processed_ chr4	77311397	77312111 -	0	0
ENSG0000(RP11-814P antisense chr15	34755084	34812923 +	0.02	0
ENSG0000(HMGB1P3 processed_ chr2	2.31E+08	2.31E+08 +	0.4	0
ENSG0000(RP11-124N antisense chr3	1.26E+08	1.26E+08 +	0	0.33
ENSG0000(RP11-456A processed_ chr5	83875166	83875821 -	0	0
ENSG0000(CTC-339F2 lincRNA chr5	1.16E+08	1.16E+08 -	0	0
ENSG0000(SNX18P23 processed_ chr4	49233289	49233965 -	0	0
ENSG0000(RP11-484L processed_ chr5	45574590	45576612 +	0	0
ENSG0000(RP11-811I1 processed_ chr5	58198	58915 +	0	0
ENSG0000(C15orf38-A protein_co chr15	89834308	89912882 -	7.27	7.38
ENSG0000(RP11-818C lincRNA chr4	1.89E+08	1.89E+08 -	0	0
ENSG0000(CTC-359M1 antisense chr5	1.46E+08	1.46E+08 -	0	0
ENSG0000(TMPRSS11 transcribed chr4	68184081	68218080 -	0	0
ENSG0000(RP11-563E antisense chr4	1.63E+08	1.63E+08 +	0	0
ENSG0000(RP11-584P processed_ chr4	67446267	67446574 +	0	0
ENSG0000(RP11-114N processed_ chr8	58424588	58426685 -	0	0
ENSG0000(CTD-2194L lincRNA chr5	37939365	37947955 -	0	0
ENSG0000(SLC7A11-A processed_ chr4	1.38E+08	1.38E+08 +	0.01	0.03

ENSG00000101793	RP11-793B lincRNA	chr4	1.38E+08	1.38E+08	+	0	0
ENSG00000101794	IGKV1D-37 IG_V_gene	chr2	89884740	89885216	+	0	0
ENSG00000101795	RP11-480D unprocessed	chr5	8455946	8456558	-	0	0
ENSG00000101796	RP11-180C lincRNA	chr4	28362279	28402864	-	0	0
ENSG00000101797	RP11-17E2 antisense	chr4	21949015	22330330	+	0	0
ENSG00000101798	RAF1P1 processed	chr4	10254926	10256621	-	0	0
ENSG00000101799	CTD-2003C lincRNA	chr11	10884885	10899322	-	0	0.21
ENSG00000101800	RP11-91J3 lincRNA	chr4	1.87E+08	1.87E+08	+	0	0
ENSG00000101801	RP11-161D lincRNA	chr4	1.74E+08	1.74E+08	-	0	0
ENSG00000101802	CBX3P3 processed	chr5	1.13E+08	1.13E+08	-	0	0
ENSG00000101803	RP11-148B lincRNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG00000101804	LINC00603 lincRNA	chr5	39892138	40053324	+	0	0
ENSG00000101805	RP11-348J lincRNA	chr5	92082597	92479426	+	0	0
ENSG00000101806	MTND4P9 unprocessed	chr4	25718082	25719745	-	0	0
ENSG00000101807	RARRES2P2 processed	chr4	1.9E+08	1.9E+08	-	0	0
ENSG00000101808	LINC01018 lincRNA	chr5	6582136	6588499	+	0.57	0.82
ENSG00000101809	RP11-576N lincRNA	chr4	83233512	83247213	-	0	0
ENSG00000101810	RP11-332J lincRNA	chr5	6868559	6886787	+	0	0
ENSG00000101811	RP11-541P antisense	chr5	1.63E+08	1.63E+08	-	0	0
ENSG00000101812	RP11-778J antisense	chr4	86117912	86219926	+	0.25	0.09
ENSG00000101813	RP11-123C lincRNA	chr4	28435449	28600275	+	0	0.31
ENSG00000101814	RP11-141C lincRNA	chr5	68963246	68967845	+	0	0
ENSG00000101815	YJEFN3 protein_coding	chr19	19528861	19537581	+	0.82	1.09
ENSG00000101816	RP11-576C unprocessed	chr9	1.13E+08	1.13E+08	-	0	0
ENSG00000101817	CTB-131B5 sense_intronic	chr5	1.4E+08	1.4E+08	+	0.17	0.17
ENSG00000101818	CTD-2060C processed	chr5	74798994	74800100	+	0	0
ENSG00000101819	CTC-529P8 lincRNA	chr5	1.49E+08	1.49E+08	+	0.09	0.04
ENSG00000101820	RP11-677N antisense	chr11	1.25E+08	1.25E+08	+	0	0
ENSG00000101821	AC006499 processed	chr4	10267895	10268231	-	0	0
ENSG00000101822	RP11-584P lincRNA	chr4	67417305	67468251	-	0	0
ENSG00000101823	RP11-141P processed	chr4	33010948	33011746	-	0	0
ENSG00000101824	RP11-577G lincRNA	chr4	58562165	58565122	-	0	0
ENSG00000101825	RP11-560A processed	chr5	28213359	28214559	-	0	0
ENSG00000101826	CTB-88F18 processed	chr5	1.27E+08	1.27E+08	-	0	0
ENSG00000101827	CTD-2116N lincRNA	chr5	65486444	65487048	-	0	0
ENSG00000101828	RP11-796L processed	chr4	1.7E+08	1.7E+08	-	0	0
ENSG00000101829	RP11-485B unprocessed	chrX	52448587	52451138	-	0	0
ENSG00000101830	RP11-432N processed	chr5	17587290	17587523	-	0	0
ENSG00000101831	RP13-401N unprocessed	chr20	25835985	25836832	-	2.31	0.43
ENSG00000101832	DNAH100S protein_coding	chr12	1.24E+08	1.24E+08	-	0.86	0.82
ENSG00000101833	RP11-556G antisense	chr4	21582096	21613728	+	0	0
ENSG00000101834	NREP-AS1 antisense	chr5	1.12E+08	1.12E+08	+	0	0
ENSG00000101835	RP11-22A3 lincRNA	chr4	12947574	12948670	-	0	0
ENSG00000101836	RP11-12P1 processed	chr5	24749374	24749772	-	0	0
ENSG00000101837	RP13-644N unprocessed	chr4	69131351	69134814	+	0	0

ENSG00000101252	lincRNA	chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000010314N	lincRNA	chr4	1.31E+08	1.32E+08	+	0	0
ENSG00000101000	PANCR lincRNA	chr4	1.11E+08	1.11E+08	-	0	0
ENSG00000103074	CTD-3074C lincRNA	chr11	66558866	66560384	-	0	0
ENSG0000010233B	antisense	chr5	10627260	10628225	-	0	0
ENSG00000101000	CACNA1G- antisense	chr17	50556207	50562108	-	0	0
ENSG00000101000	AC107982. unprocessed	chr17	18835707	18842364	+	0	0
ENSG00000101000	CTB-95B16 unprocessed	chr5	1.63E+08	1.63E+08	+	0	0
ENSG00000101000	AK3P2 processed	chr8	1.43E+08	1.43E+08	-	0.19	0
ENSG00000101000	RP11-417F antisense	chr2	46568256	46580238	-	0	0
ENSG00000101000	RP11-136H processed	chr5	30365405	30365684	-	0	0
ENSG00000101000	PCDHA10 protein_coding	chr5	1.41E+08	1.41E+08	+	0.1	0.14
ENSG00000101000	CTD-2013M lincRNA	chr5	45890216	45895970	+	0	0.14
ENSG00000101000	CTC-261N6 lincRNA	chr5	86380660	86381426	-	0	0
ENSG00000101000	RP11-707A lincRNA	chr4	64914281	65004500	-	0	0
ENSG00000101000	RP13-884E lincRNA	chr4	1.38E+08	1.38E+08	-	0	0.24
ENSG00000101000	LINC02108 lincRNA	chr5	58541567	58558243	-	0.4	0.58
ENSG00000101000	RP11-265F antisense	chr3	1.31E+08	1.31E+08	-	0	0
ENSG00000101000	RP11-616K processed	chr15	44354691	44355692	+	0	0.13
ENSG00000101000	RP11-130F antisense	chr4	1.77E+08	1.78E+08	+	0.08	0.06
ENSG00000101000	RP11-359B antisense	chr12	974133	991190	-	2.26	3.24
ENSG00000101000	HOXC-AS2 processed	chr12	53993810	53996785	-	0.03	0
ENSG00000101000	RP4-622L5. sense_intronic	chr1	32170733	32176568	+	0	0
ENSG00000101000	RP11-380P antisense	chr4	23560923	23768652	+	0	0
ENSG00000101000	RP11-848G unprocessed	chr5	69631963	69636399	+	0.21	0.29
ENSG00000101000	CTD-2517C processed	chr5	34860783	34861506	-	0	0
ENSG00000101000	RP11-208N lincRNA	chr4	1.42E+08	1.42E+08	-	0	0
ENSG00000101000	RP11-553P processed	chr4	1.35E+08	1.35E+08	+	0.17	0.04
ENSG00000101000	CTD-2285C processed	chr5	1.07E+08	1.07E+08	-	0	0
ENSG00000101000	MORF4L2P processed	chr4	54086926	54087783	+	0	0
ENSG00000101000	KRT8P31 processed	chr5	60743563	60744970	-	0	0
ENSG00000101000	RP11-399F lincRNA	chr4	1.26E+08	1.26E+08	+	0	0
ENSG00000101000	RP11-436A lincRNA	chr4	1.67E+08	1.67E+08	-	0	0
ENSG00000101000	ARPC4-TTL protein_coding	chr3	9793082	9835401	+	11.12	15.12
ENSG00000101000	CTD-2353F antisense	chr5	36666214	36725195	-	0	0
ENSG00000101000	LINC02060 lincRNA	chr5	88408982	88439090	-	0	0
ENSG00000101000	RP11-254I2 lincRNA	chr5	96247776	96278751	+	0	0
ENSG00000101000	RP11-381K antisense	chr5	1.38E+08	1.38E+08	-	0.15	0
ENSG00000101000	TRMT112P processed	chr3	1.4E+08	1.4E+08	-	0	0
ENSG00000101000	CSNK1A1P: processed	chr5	98833382	98833711	+	0	0
ENSG00000101000	RP11-5N11 lincRNA	chr5	31747644	31748078	-	0	0
ENSG00000101000	RP11-268P lincRNA	chr12	22601425	22618867	+	0.76	0
ENSG00000101000	CTC-321K1 antisense	chr5	1.36E+08	1.36E+08	+	0	0
ENSG00000101000	MTND5P13 processed	chr4	64609454	64610532	-	0	0
ENSG00000101000	RASA2-IT1 sense_intronic	chr3	1.42E+08	1.42E+08	+	0	0

ENSG00000101111	RP11-661C lincRNA	chr5	979365	981300	+	0	0
ENSG00000101112	MYLK-AS2 antisense	chr3	1.24E+08	1.24E+08	+	0	0
ENSG00000101113	RP11-138A lincRNA	chr4	1.59E+08	1.59E+08	+	0	0
ENSG00000101114	EEF1A1P13 processed	chr5	14651941	14653329	-	0.37	0.45
ENSG00000101115	RP11-96A1 transcribed	chr4	1.2E+08	1.2E+08	+	0	0
ENSG00000101116	RCC2P8 processed	chr4	1.09E+08	1.09E+08	-	0	0
ENSG00000101117	RP11-1079 antisense	chr17	49404081	49405197	+	0	0
ENSG00000101118	RP11-362F processed	chr4	1.41E+08	1.41E+08	+	0	0
ENSG00000101119	RP11-292B lincRNA	chr4	28996524	29014594	+	0	0
ENSG00000101120	RP11-285A unprocessed	chr4	1.34E+08	1.34E+08	-	0	0
ENSG00000101121	RP11-300M lincRNA	chr4	57154577	57156452	+	0	0
ENSG00000101122	RP11-419L lincRNA	chr4	1.29E+08	1.29E+08	-	0	0
ENSG00000101123	RP11-257I processed	chr5	1.25E+08	1.25E+08	+	0	0
ENSG00000101124	RP11-371F antisense	chr4	1.39E+08	1.39E+08	-	0	0
ENSG00000101125	HMG11P1 processed	chr5	1.15E+08	1.15E+08	-	0	0
ENSG00000101126	LINC02199 lincRNA	chr5	8839732	8881525	+	0.02	0.02
ENSG00000101127	RP13-577H processed	chr4	1.75E+08	1.75E+08	-	0	0
ENSG00000101128	RP11-397E processed	chr4	86876338	86876652	+	0	0
ENSG00000101129	AC006335. unprocessed	chrY	6243295	6245283	-	0	0
ENSG00000101130	YWHAEP4 processed	chr4	1.55E+08	1.55E+08	-	0	0
ENSG00000101131	AC079776. unprocessed	chr2	1.3E+08	1.3E+08	-	0	0
ENSG00000101132	FZD10-AS1 processed	chr12	1.3E+08	1.3E+08	-	0	0
ENSG00000101133	SEPT14P9 unprocessed	chr9	1.38E+08	1.38E+08	+	0	0
ENSG00000101134	RP11-488I processed	chr4	1.31E+08	1.31E+08	+	0	0
ENSG00000101135	RP13-488H processed	chr4	77864508	77864804	-	0	0
ENSG00000101136	CIR1P2 processed	chr4	1.15E+08	1.15E+08	-	0	0
ENSG00000101137	ALDH1L1-A antisense	chr3	1.26E+08	1.26E+08	+	0	0
ENSG00000101138	LTV1P1 processed	chr4	1.2E+08	1.2E+08	-	0	0
ENSG00000101139	RP11-692D antisense	chr4	73259209	73317953	+	0	0
ENSG00000101140	KRT8P32 processed	chr5	98392070	98393530	-	0	0
ENSG00000101141	CTC-338M: antisense	chr5	1.81E+08	1.81E+08	+	1.7	0.42
ENSG00000101142	LINC01216 sense_intronic	chr4	1.01E+08	1.01E+08	-	0	0
ENSG00000101143	TRIM60P14 processed	chr4	1.65E+08	1.65E+08	+	0	0
ENSG00000101144	RP11-397D processed	chr4	1.14E+08	1.14E+08	+	0	0
ENSG00000101145	RP11-855C lincRNA	chr11	61588494	61607550	+	0	0
ENSG00000101146	USP17L16F unprocessed	chr4	9239130	9240722	+	0	0
ENSG00000101147	CTD-2024P antisense	chr5	34656412	34657250	-	0.41	0.23
ENSG00000101148	CTC-498J1: lincRNA	chr5	69038518	69043821	-	0	0
ENSG00000101149	Z95704.3 processed	chr4	105959	107114	-	0	0
ENSG00000101150	CTD-2154I: antisense	chr5	95701249	95732295	-	0.32	0.17
ENSG00000101151	RP11-9G1: lincRNA	chr4	1.33E+08	1.33E+08	-	0.12	0.18
ENSG00000101152	RP11-438C lincRNA	chr5	1.15E+08	1.15E+08	-	0	0
ENSG00000101153	RP11-120A antisense	chr4	21304542	21316485	+	0	0
ENSG00000101154	CTB-49A3.4 antisense	chr5	1.33E+08	1.33E+08	+	0	0
ENSG00000101155	SEPHS2P1 processed	chr5	14960232	14961393	+	0	0

ENSG0000(RP11-30P2 processed_ chr4	62291562	62292337	+	0	0
ENSG0000(CTD-2350J antisense chr5	15602189	15607348	-	0	0
ENSG0000(PKD1P6 transcribed chr16	15125242	15154564	-	18.36	17.63
ENSG0000(RP11-342A lincRNA chr4	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-1072 processed_ chr5	85210060	85210903	-	0	0
ENSG0000(PTTG2 protein_co chr4	37960435	37961125	+	0	0
ENSG0000(RP11-267A lincRNA chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(LDHAL6DP unprocessed chr11	83814571	83815263	-	0	0
ENSG0000(CTC-431G1 antisense chr5	79774348	79816190	-	0	0
ENSG0000(RP11-460I1 lincRNA chr4	1027678	1028972	+	0	0
ENSG0000(RP11-325L lincRNA chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000(CCDC74BP unprocessed chr22	20587496	20592218	-	0	0
ENSG0000(RP11-765K lincRNA chr4	1.77E+08	1.77E+08	+	0	0
ENSG0000(XXbac-BPG protein_co chr6	32813767	32838822	-	0	0
ENSG0000(LINC01612 lincRNA chr4	1.7E+08	1.7E+08	+	0	0
ENSG0000(RP11-122A antisense chr8	1.09E+08	1.09E+08	+	0	0
ENSG0000(ALG1L14P unprocessed chr4	9166297	9170270	-	0	0
ENSG0000(RP11-64D2 transcribed chr3	1.52E+08	1.52E+08	+	2.27	3.17
ENSG0000(TRMT112P processed_ chr4	1.16E+08	1.16E+08	+	0	0
ENSG0000(PSMC1P5 processed_ chr5	1.07E+08	1.07E+08	+	0.81	23.22
ENSG0000(CTB-114C7 lincRNA chr5	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-468N processed_ chr4	68996935	68997709	-	0	0
ENSG0000(RP11-305C sense_intr chr12	65281657	65286728	+	0.03	0
ENSG0000(RP5-875H1 antisense chr17	50100704	50101920	-	0	0
ENSG0000(CTB-1I21.1 lincRNA chr5	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-94C2 processed_ chr17	50537294	50538754	-	0.11	0.13
ENSG0000(VWA8P1 processed_ chr5	68854910	68855085	-	0	0
ENSG0000(NCAPGP1 processed_ chr8	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-451F processed_ chr4	1.83E+08	1.83E+08	+	0	0
ENSG0000(CRYZP2 processed_ chr4	97916353	97917401	-	0	0
ENSG0000(RDH10-AS1 antisense chr8	73297711	73356461	-	0	0
ENSG0000(GIMD1 protein_co chr4	1.06E+08	1.06E+08	-	0	0
ENSG0000(MRPS31P4 transcribed chr13	52600119	52637446	+	3.23	1.61
ENSG0000(RP11-696N unprocessed chr4	99469598	99498698	-	0	0
ENSG0000(LINC01618 lincRNA chr4	52789994	52815464	+	0	0
ENSG0000(RP11-356J lincRNA chr11	1.12E+08	1.12E+08	+	5.48	5.13
ENSG0000(ZBED1P1 processed_ chr4	1.1E+08	1.1E+08	+	0	0
ENSG0000(KIAA1456 protein_co chr8	12945642	13031503	+	0.07	0.05
ENSG0000(CTC-498M processed_ chr5	88382948	88383260	+	0	0
ENSG0000(TUBB8P3 processed_ chr4	1.12E+08	1.12E+08	+	0	0
ENSG0000(SALL4P1 processed_ chr5	57422464	57424391	+	0	0
ENSG0000(CTC-345K1 antisense chr5	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP5-1029K antisense chr17	49544847	49577962	-	0	0
ENSG0000(ZNF718 protein_co chr4	124480	163989	+	1.27	1.12
ENSG0000(RP11-5P22 lincRNA chr5	66507544	66511604	-	0	0

ENSG0000(RP11-44F2 transcribed chr4	75101477	75101943	+	0	0
ENSG0000(RP11-618N unprocessed chr8	19237737	19241912	+	0	0
ENSG0000(SMIM20 protein_co chr4	25861830	25929874	+	19.96	19.51
ENSG0000(CTA-963H5 unprocessed chr22	30653877	30654814	-	1.83	1.62
ENSG0000(CTD-2272G processed_ chr5	23262159	23263185	-	0	0
ENSG0000(CTD-2269F antisense chr5	84384427	84490765	+	2.62	2.55
ENSG0000(RP11-478C processed_ chr4	342821	342962	-	0	0
ENSG0000(CTB-51E13 processed_ chr4	1.23E+08	1.23E+08	-	0	0
ENSG0000(MRPL22P1 processed_ chr4	56320719	56321334	-	0	0
ENSG0000(IGBP1P4 processed_ chr4	82401578	82402456	-	0	0
ENSG0000(RP11-284M antisense chr4	1.43E+08	1.43E+08	-	0.51	0.19
ENSG0000(RPSAP70 processed_ chr4	1.86E+08	1.86E+08	+	0.96	0.8
ENSG0000(MGC32805 antisense chr5	1.22E+08	1.22E+08	-	0	0
ENSG0000(KDELCP1 processed_ chr5	1.28E+08	1.28E+08	+	0	0
ENSG0000(CTC-422A1 processed_ chr5	79229904	79230588	+	0	0
ENSG0000(LINC01340 lincRNA chr5	97504696	97671046	+	0	0
ENSG0000(CTD-2272G processed_ chr5	23303565	23305143	-	0	0
ENSG0000(RP11-4O3. lincRNA chr4	57605694	57658800	-	0	0
ENSG0000(LINC00989 lincRNA chr4	79492416	79576460	+	0	0
ENSG0000(LINC01021 lincRNA chr5	27472292	27496401	+	10.2	10.25
ENSG0000(RP11-395I lincRNA chr4	40265472	40266457	+	0	0
ENSG0000(CXCL1P1 processed_ chr4	73944011	73944324	-	0	0
ENSG0000(RP11-577G lincRNA chr4	58524515	58536328	-	0	0
ENSG0000(RP11-785F lincRNA chr4	1.37E+08	1.37E+08	+	0	0
ENSG0000(SNRPCP16 processed_ chr4	9051842	9052051	-	0	0
ENSG0000(CTC-255N2 antisense chr5	1.47E+08	1.47E+08	-	0	0
ENSG0000(RP11-647P lincRNA chr4	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-780N processed_ chr4	1.44E+08	1.44E+08	-	0	0
ENSG0000(EEF1GP2 processed_ chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(AC005740. processed_ chr5	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-466P antisense chr5	76285542	76311462	-	0	0
ENSG0000(RP5-972B1 protein_co chrX	37349330	38687674	+	0	0
ENSG0000(RP11-731D unprocessed chr4	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-432N processed_ chr5	17620533	17620939	-	0	0
ENSG0000(RP11-76G1 antisense chr4	1.48E+08	1.48E+08	+	0	0
ENSG0000(HSPE1P23 processed_ chr4	74917822	74918138	+	0	0
ENSG0000(RP11-503L lincRNA chr4	1.49E+08	1.49E+08	+	0	0
ENSG0000(LINC02200 lincRNA chr5	1.13E+08	1.13E+08	+	0	0
ENSG0000(PTP4A1P4 processed_ chr5	86087526	86087847	+	0	0
ENSG0000(CTD-2089N lincRNA chr5	50965687	50967008	-	0	0
ENSG0000(GYPB protein_co chr4	1.44E+08	1.44E+08	-	0.16	0
ENSG0000(AC008592. processed_ chr5	95861786	95874519	+	0	0
ENSG0000(KRT18P21 processed_ chr4	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTD-2213F antisense chr14	31420286	31452883	+	0	0.32
ENSG0000(TUNAR protein_co chr14	95876392	95925571	+	0	0

ENSG0000(RP11-22A3 lincRNA chr4	12859101	12864961	-	0	0
ENSG0000(MARK2P4 processed_chr4	1.76E+08	1.76E+08	-	0	0
ENSG0000(TRIM75P protein_co chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RP11-340A lincRNA chr4	59047020	59075256	-	0	0
ENSG0000(CTD-2005D unprocessε chr4	68784618	68787474	+	0	0
ENSG0000(CTC-467M: lincRNA chr5	88692645	88693972	-	0	0
ENSG0000(RP11-119J: protein_co chr5	1.36E+08	1.36E+08	+	0	0
ENSG0000(RP11-23P1 antisense chr15	41825099	41827936	-	0	0
ENSG0000(UNC93B4 unprocessε chr4	4143458	4150421	-	0	0
ENSG0000(CTD-2197I: antisense chr5	1.09E+08	1.09E+08	-	0	0
ENSG0000(UBE2CP3 processed_chr4	57072683	57073132	+	0	0
ENSG0000(RP11-310P antisense chr5	524705	526594	+	0	0
ENSG0000(RP11-432N processed_chr5	17625551	17625959	-	0	0
ENSG0000(LINC02197 lincRNA chr5	71351855	71446342	-	0	0
ENSG0000(MTND6P2 processed_chr5	8618581	8619104	-	0	0
ENSG0000(RP11-338H lincRNA chr11	95482406	95497553	+	0.51	1.02
ENSG0000(CTD-2160D processed_chr5	99948295	99949583	-	0	0
ENSG0000(RP11-700N lincRNA chr4	1.2E+08	1.2E+08	+	0.11	0
ENSG0000(RP11-480G processed_chr4	10143367	10143655	-	0	0
ENSG0000(RP11-1391 antisense chr11	856880	859795	-	0.19	0.23
ENSG0000(RP11-27G1 processed_chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(LINC00977 lincRNA chr8	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-395P lincRNA chr5	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-15B1 processed_chr4	99990737	99991477	-	0	0
ENSG0000(RP11-114H processed_chr5	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP13-539F lincRNA chr4	1.45E+08	1.45E+08	+	0	0
ENSG0000(CTB-99A3.: antisense chr5	1.47E+08	1.47E+08	+	0	0
ENSG0000(CTB-3M24. antisense chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-714G antisense chr4	1.85E+08	1.85E+08	+	0.12	0
ENSG0000(RP11-257Iε lincRNA chr5	1.25E+08	1.25E+08	+	0	0
ENSG0000(KLHL2P1 unprocessε chr4	1.19E+08	1.19E+08	+	0	0.18
ENSG0000(RP11-448G antisense chr4	10006482	10009725	+	0	0
ENSG0000(CTC-461F2: lincRNA chr5	16617225	16621276	+	0	0
ENSG0000(SEC63P2 processed_chr4	35487812	35489750	+	0	0
ENSG0000(LINC02116 lincRNA chr5	1855970	1856568	-	0	0
ENSG0000(RP11-503D lincRNA chr5	44698431	44700808	-	0	0
ENSG0000(AACSP1 transcribec chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-83M: lincRNA chr5	67699429	67902600	-	0	0
ENSG0000(RP11-484L: processed_chr5	45557919	45559986	+	0	0
ENSG0000(KIAA1210 protein_co chrX	1.19E+08	1.19E+08	-	0.01	0.01
ENSG0000(RP5-877J2. protein_co chr7	30852273	30923812	+	0	0
ENSG0000(OR7E35P unprocessε chr4	9754898	9755778	+	0	0
ENSG0000(FTLP10 transcribec chr4	68182292	68212470	+	0	0
ENSG0000(LINC02148 lincRNA chr5	1.18E+08	1.18E+08	+	0.05	0
ENSG0000(RP11-1082 processed_chr8	1.25E+08	1.25E+08	+	0	0

ENSG0000(RP11-366M processed_ chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP13-577H antisense chr4	1.75E+08	1.75E+08	-	0	0
ENSG0000(LINC01598 lincRNA chr12	54085132	54125992	-	0	0.02
ENSG0000(CLSTN2-AS antisense chr3	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-622A lincRNA chr4	73508803	73534128	+	0	0
ENSG0000(LINC02161 lincRNA chr5	89581209	89677701	+	0	0
ENSG0000(CTD-2308B lincRNA chr5	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-47F1 processed_ chr5	1.09E+08	1.09E+08	-	0	0
ENSG0000(EIF3KP3 processed_ chr4	1.16E+08	1.16E+08	-	0	0
ENSG0000(CCT5P1 processed_ chr5	1.16E+08	1.16E+08	+	0	0
ENSG0000(LINC01332 lincRNA chr5	74327995	74334766	-	0	0
ENSG0000(LINC02105 lincRNA chr5	53776644	53819686	-	0	0
ENSG0000(RP11-19O2 antisense chr5	16180238	16185585	+	0	0
ENSG0000(HOXC-AS1 antisense chr12	53999022	54000010	-	0.26	0
ENSG0000(CTD-2134P lincRNA chr5	28782678	28809249	-	0	0
ENSG0000(RP11-648M unprocessε chr5	37377049	37377971	+	0	0
ENSG0000(AC006552. lincRNA chr4	54603211	54607131	-	0	0
ENSG0000(RP11-107E processed_ chr4	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-631M processed_ chr5	61375112	61375855	+	0	0
ENSG0000(LRRC37BP1 transcribed chr17	30629680	30637466	+	4.52	5.13
ENSG0000(LRRC34P2 processed_ chr4	55313011	55313924	-	0	0
ENSG0000(RP11-227F antisense chr4	41748293	41824119	+	0	0
ENSG0000(AP000351. unprocessε chr22	23976904	23977585	-	0	0.3
ENSG0000(GMPSP1 processed_ chr4	8174421	8174999	+	0	0
ENSG0000(TRIM36-IT: sense_intrε chr5	1.15E+08	1.15E+08	-	0	0
ENSG0000(DUTP7 processed_ chr4	51865050	51865535	-	0	0
ENSG0000(WBP1LP2 processed_ chr7	1.08E+08	1.08E+08	+	0.6	0.07
ENSG0000(RP11-312A unprocessε chr4	1.58E+08	1.58E+08	-	0	0
ENSG0000(ENPP7P9 processed_ chr4	3967034	3967660	-	0	0
ENSG0000(CHCHD10 protein_co chr22	23765834	23768443	-	4.75	2.99
ENSG0000(RP11-101B processed_ chr5	57120796	57122624	+	0	0
ENSG0000(CTD-2247C lincRNA chr5	4974690	5034267	-	0	0
ENSG0000(DUX4L51 processed_ chr5	31249879	31250987	+	0.02	0.1
ENSG0000(PPM1AP1 processed_ chr8	15806149	15807283	-	0	0
ENSG0000(RP11-728C processed_ chr4	1.24E+08	1.24E+08	+	0	0
ENSG0000(EXOC7P1 processed_ chr4	1.08E+08	1.08E+08	-	0	0
ENSG0000(FAM218A protein_co chr4	1.65E+08	1.65E+08	+	0.23	0.28
ENSG0000(RP11-6C14 lincRNA chr4	1.6E+08	1.6E+08	-	0	0
ENSG0000(LINC02145 lincRNA chr5	6310441	6339884	-	0	0
ENSG0000(INTS6P1 processed_ chr5	39718984	39721513	-	0	0
ENSG0000(RP11-640N antisense chr11	1.21E+08	1.21E+08	-	0.02	0.01
ENSG0000(RP11-162D processed_ chr8	53162339	53162987	+	0	0
ENSG0000(ABT1P1 processed_ chr4	99022311	99023131	-	0	0
ENSG0000(AC007126. lincRNA chr4	13777377	13782157	-	0.5	0.33
ENSG0000(RP11-119H processed_ chr4	1.13E+08	1.13E+08	-	0	0

ENSG0000(RP11-98O2 lincRNA chr4	1.39E+08	1.39E+08	+	0.07	0.32
ENSG0000(RP11-401I1 lincRNA chr4	1.31E+08	1.31E+08	-	0	0
ENSG0000(KRT18P51 processed_chr4	1.45E+08	1.45E+08	+	0	0
ENSG0000(AC006499. processed_chr4	10284961	10285708	-	0	0
ENSG0000(CDK3 protein_co chr17	76000906	76005999	+	3.22	2.94
ENSG0000(AC008984. transcribec chr19	54328272	54331434	-	0	0
ENSG0000(RP11-757G lincRNA chr11	68870664	68874542	+	0.13	0.2
ENSG0000(CTC-573N1 lincRNA chr5	1.8E+08	1.8E+08	+	0.16	0.17
ENSG0000(GPR162 protein_co chr12	6821545	6829972	+	2.18	3.25
ENSG0000(RP11-380D antisense chr4	1.11E+08	1.11E+08	-	0	0
ENSG0000(LINC02125 lincRNA chr16	76634998	76658478	+	0	0
ENSG0000(RP11-515C processed_chr5	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-380I1 processed_chr8	28225929	28227562	+	0	0
ENSG0000(LDHAL6CP transcribec chr12	63003553	63006902	+	0	0.04
ENSG0000(RP11-680H lincRNA chr11	94238150	94279206	+	0	0
ENSG0000(AC004066. antisense chr4	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-756P processed_chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(RP11-730N lincRNA chr5	24881943	24885461	-	0	0
ENSG0000(CCT6P2 processed_chr5	14639426	14641018	-	0	0
ENSG0000(LINC02121 lincRNA chr5	5069192	5078311	-	0	0
ENSG0000(RP11-727N antisense chr4	74418917	74440457	-	0	0
ENSG0000(STK19B unprocessε chr6	32013270	32013787	+	0	0
ENSG0000(ABHD17AP unprocessε chr1	2.15E+08	2.15E+08	-	0	0
ENSG0000(RP11-92A5 antisense chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(KRT8P33 processed_chr5	1.23E+08	1.23E+08	-	0.16	0.27
ENSG0000(RP11-58H1 processed_chr4	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-302F antisense chr4	25770266	25773577	+	0	0
ENSG0000(RP11-442N lincRNA chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(LINC02059 lincRNA chr5	86746818	86749772	+	0	0
ENSG0000(RP11-8L2.1 processed_chr4	83796436	84293412	-	0	0
ENSG0000(RP11-719L. processed_chr4	1.63E+08	1.63E+08	-	0	0
ENSG0000(RP11-47I22 lincRNA chr14	61556313	61570653	-	0.67	0.6
ENSG0000(PBPPP1 transcribec chr4	73847866	73848829	+	0	0
ENSG0000(MIR583HG lincRNA chr5	96050115	96215519	+	0	0.1
ENSG0000(CTC-467M: antisense chr5	88692651	88692859	+	0	0
ENSG0000(CCDC34P1 processed_chr4	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-598G processed_chr4	75194867	75195079	+	0	0
ENSG0000(OR7E59P unprocessε chr7	6879627	6880626	-	0	0
ENSG0000(RPL38P4 processed_chr3	98525061	98525274	-	0	0
ENSG0000(KNOP1P5 processed_chr8	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-215P lincRNA chr5	1.34E+08	1.34E+08	-	0	0
ENSG0000(ATP6V1E2 protein_co chr2	46490750	46542557	-	2.37	4.16
ENSG0000(UGT2B29P unprocessε chr4	68509441	68517647	-	0	0
ENSG0000(CTD-2154H lincRNA chr5	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-333E processed_chr4	39973128	39973442	-	0	0

ENSG00000181100 (NTAN1P2 processed_ chr8	86481754	86483002 -	0.33	0.51
ENSG00000181101 (GLI4 protein_co chr8	1.43E+08	1.43E+08 +	11.29	10.11
ENSG00000181102 (RP11-529H lincRNA chr4	87261931	87266822 -	0	0
ENSG00000181103 (AC006499. processed_ chr4	10259445	10260138 -	0	0.11
ENSG00000181104 (CTD-2275D processed_ chr5	76510440	76510766 +	0	0
ENSG00000181105 (RP4-669L1 unprocessε chr1	491225	493241 -	0.87	1.09
ENSG00000181106 (CTD-2154B lincRNA chr5	10775058	10777062 -	0	0
ENSG00000181107 (RP11-577B lincRNA chr4	1.39E+08	1.39E+08 -	0	0
ENSG00000181108 (CTD-2297D antisense chr5	5132780	5140054 -	0	0
ENSG00000181109 (SNRPCP8 processed_ chr3	1.3E+08	1.3E+08 +	0	0
ENSG00000181110 (SMAD1-AS antisense chr4	1.45E+08	1.46E+08 -	0	0
ENSG00000181111 (CTD-2233C lincRNA chr5	33519616	33522230 -	0	0
ENSG00000181112 (LINC01511 lincRNA chr5	1363582	1380067 -	0	0
ENSG00000181113 (LINC00604 lincRNA chr5	40240173	40267657 +	0	0
ENSG00000181114 (HPRT1P2 processed_ chr5	30248350	30248893 +	0	0
ENSG00000181115 (RP11-565A lincRNA chr4	1.88E+08	1.88E+08 -	0	0
ENSG00000181116 (PRSS3P1 unprocessε chr7	1.43E+08	1.43E+08 +	0	0
ENSG00000181117 (RP11-39E3 antisense chr3	1.31E+08	1.31E+08 -	0	0
ENSG00000181118 (RP11-433B processed_ chr4	1.1E+08	1.1E+08 -	0	0
ENSG00000181119 (RP11-4401 lincRNA chr4	1.75E+08	1.75E+08 -	0	0
ENSG00000181120 (RP11-725M lincRNA chr4	34657606	34669432 +	0	0
ENSG00000181121 (AC064853. unprocessε chr2	2.28E+08	2.28E+08 -	0	0
ENSG00000181122 (ROPN1L-AS antisense chr5	10441290	10441792 -	0	0
ENSG00000181123 (RP11-5171ε antisense chr5	1.26E+08	1.26E+08 -	0	0
ENSG00000181124 (CTC-228N2 lincRNA chr5	1.28E+08	1.28E+08 -	0	0.25
ENSG00000181125 (RP11-597D antisense chr4	1.58E+08	1.58E+08 -	0	0
ENSG00000181126 (RP11-933H processed_ chr3	1.31E+08	1.31E+08 -	0.03	0
ENSG00000181127 (RP11-158C processed_ chr4	1.55E+08	1.55E+08 +	0	0
ENSG00000181128 (RP11-339D processed_ chr4	20037560	20037972 -	0	0
ENSG00000181129 (RP11-6181 lincRNA chr4	69346609	69358177 +	0	0
ENSG00000181130 (RP11-1361 lincRNA chr4	10410996	10411644 +	0	0
ENSG00000181131 (AC007078. antisense chr7	76474587	76478856 -	0	0
ENSG00000181132 (CTC-564N2 antisense chr5	77073881	77074520 +	0	0
ENSG00000181133 (RP11-455F antisense chr16	30096430	30104116 +	0.58	0.42
ENSG00000181134 (RP11-548K unprocessε chr7	57817996	57818197 +	0	0
ENSG00000181135 (CTD-2215L antisense chr5	9001774	9045940 +	0	0
ENSG00000181136 (RP11-91J3. lincRNA chr4	1.87E+08	1.87E+08 +	0	0
ENSG00000181137 (RP11-612J. processed_ chr4	1.57E+08	1.57E+08 +	0	0
ENSG00000181138 (RP11-317B antisense chr4	2139673	2141058 +	0	0
ENSG00000181139 (MTCYBP43 unprocessε chr4	30884443	30885182 -	0	0
ENSG00000181140 (RP1-142F1. unprocessε chrX	1.42E+08	1.42E+08 -	0	0
ENSG00000181141 (RP11-756P lincRNA chr4	1.89E+08	1.89E+08 -	0	0
ENSG00000181142 (TTC39CP1 processed_ chr4	1.16E+08	1.16E+08 -	0	0
ENSG00000181143 (RP11-122C antisense chr5	38783580	38792754 +	0	0
ENSG00000181144 (MTCO1P35 unprocessε chr3	1.07E+08	1.07E+08 -	0	0

ENSG0000(LINC02171 lincRNA	chr4	3673593	3677855	-	0	0
ENSG0000(LINC01182 lincRNA	chr4	13655179	13977075	+	0	0
ENSG0000(CXXC5-AS1 lincRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-335L processed_	chr4	1.83E+08	1.83E+08	-	0	0
ENSG0000(RP11-359P unprocessε	chr8	43442902	43452912	+	0	0
ENSG0000(OR7E41P unprocessε	chr11	14987671	14988694	-	0	0
ENSG0000(XXbac-BPG protein_co	chr6	31706904	31717918	+	0	0
ENSG0000(RP11-642E unprocessε	chr4	68282461	68285959	-	0	0
ENSG0000(RP11-93K2 antisense	chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-295K protein_co	chr11	1734821	1763954	-	10.45	9.16
ENSG0000(CTD-2228K processed_	chr5	418703	419109	+	0.62	0.45
ENSG0000(RP11-530I1 antisense	chr4	55053060	55092534	+	0	0
ENSG0000(RP11-492L processed_	chr5	1.17E+08	1.17E+08	-	0	0
ENSG0000(PABPC1P7 processed_	chr4	1.03E+08	1.03E+08	+	0.04	0
ENSG0000(RP11-834C transcribec	chr12	54076838	54081903	-	0	0
ENSG0000(RP11-61G2 processed_	chr4	96212279	96213100	+	0	0
ENSG0000(ST3GAL1P1 processed_	chr4	67716375	67717388	-	0	0
ENSG0000(RP11-1E6.1 processed_	chr4	43340875	43345600	+	0	0.19
ENSG0000(RP11-138B lincRNA	chr4	1.87E+08	1.87E+08	-	0.03	0
ENSG0000(RP11-864I4 antisense	chr11	62537312	62542018	+	0	0
ENSG0000(HNRNPKP5 processed_	chr5	14877667	14877919	-	0	0
ENSG0000(RP11-775H lincRNA	chr4	1.36E+08	1.36E+08	+	0	0
ENSG0000(LINC01596 lincRNA	chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(RP11-321E processed_	chr5	17495658	17495826	-	0	0
ENSG0000(LINC02123 lincRNA	chr5	7346986	7347977	-	0	0
ENSG0000(RP11-83M: processed_	chr5	67690033	67690437	-	0	0
ENSG0000(AC004063. lincRNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(CTD-2017D processed_	chr5	33090126	33090349	-	0	0
ENSG0000(RP11-6L6.2 protein_co	chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-798K lincRNA	chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-576N processed_	chr4	83237303	83237444	+	0	0
ENSG0000(CTB-161M: processed_	chr5	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP3-368B9 lincRNA	chr4	3633029	3633975	+	0	0
ENSG0000(LINC00491 lincRNA	chr5	1.03E+08	1.03E+08	-	0	0
ENSG0000(ADI1P2 processed_	chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-486L antisense	chr16	84192558	84197053	-	0	0
ENSG0000(RP1-240B8 3prime_ov	chr6	61630233	61681049	-	0	0
ENSG0000(RP11-497H transcribec	chr5	70462244	70479215	+	0.14	0.06
ENSG0000(TRAJ55 TR_J_pseu	chr14	22481697	22481753	+	0	0
ENSG0000(CTB-35F21 antisense	chr5	1.4E+08	1.4E+08	+	0	0
ENSG0000(RPF2P2 processed_	chr4	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTD-2074D lincRNA	chr5	24352309	24353443	-	0	0
ENSG0000(RP11-704N antisense	chr4	69182100	69216766	+	0	0
ENSG0000(CTD-2066L lincRNA	chr5	32925639	33297910	-	0.22	0
ENSG0000(RP11-392B antisense	chr4	1.4E+08	1.4E+08	+	0	0

ENSG0000(AP000892. antisense chr11	1.17E+08	1.17E+08	-	0	0
ENSG0000(CTD-2533K processed_ chr5	26670334	26670481	-	0	0
ENSG0000(RP11-423J lincRNA chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(CTC-470C1 processed_ chr5	88602780	88603117	+	0	0
ENSG0000(RP11-18H2 lincRNA chr4	1.52E+08	1.52E+08	-	0.13	0
ENSG0000(RP11-161D lincRNA chr4	1.74E+08	1.74E+08	+	0	0.17
ENSG0000(CCDC169-S protein_co chr13	36168794	36297842	-	0.15	0.06
ENSG0000(OR7E99P unprocessε chr4	4156522	4157443	-	0	0
ENSG0000(PRELID3BP processed_ chr5	42972624	42973092	+	0	0
ENSG0000(RP11-366N processed_ chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(RP11-1149 antisense chr8	23225233	23230915	-	0	0
ENSG0000(RP11-432N processed_ chr5	17670168	17670571	-	0	0
ENSG0000(LINC01017 lincRNA chr5	3496229	3504004	-	0	0
ENSG0000(RP11-322N protein_co chr1	46175486	46176478	-	0	0
ENSG0000(HMGB1P2 processed_ chr5	1.25E+08	1.25E+08	+	0	0
ENSG0000(SELENOP protein_co chr5	42799880	42887392	-	3.65	6.03
ENSG0000(RP11-79E3 lincRNA chr4	33850591	33979936	+	0	0
ENSG0000(RP11-511B processed_ chr4	1.66E+08	1.66E+08	+	0	0
ENSG0000(RP11-616K processed_ chr4	1.84E+08	1.84E+08	+	0	0
ENSG0000(RP11-959I processed_ chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(AC010468. processed_ chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(HMGB3P3 processed_ chr5	6289857	6290624	+	0	0
ENSG0000(TPM3P6 processed_ chr19	53479350	53480091	+	0	0.08
ENSG0000(RPEP1 processed_ chr5	65251127	65251784	-	0	0
ENSG0000(C8orf17 TEC chr8	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-404E antisense chr1	1.52E+08	1.52E+08	-	0.14	0
ENSG0000(RP11-567N lincRNA chr4	75401195	75423023	+	0	0
ENSG0000(LINC01262 lincRNA chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(RP11-710F antisense chr4	1.06E+08	1.06E+08	-	0	0
ENSG0000(NT5C1B-RL protein_co chr2	18555545	18589564	-	0	0
ENSG0000(RP11-834C lincRNA chr12	54126098	54142493	+	0	0.05
ENSG0000(USP17L20 protein_co chr4	9258124	9260075	+	0	0
ENSG0000(RP11-39C1 processed_ chr4	1.64E+08	1.64E+08	+	0	0
ENSG0000(RP11-232L processed_ chr5	73152416	73152938	-	0	0
ENSG0000(RP11-230G lincRNA chr12	65466820	65642372	-	0.15	0.08
ENSG0000(RP11-451H processed_ chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(OR5BM1P unprocessε chr3	98053374	98053739	+	0	0
ENSG0000(RP11-613C antisense chr17	49708334	49720060	+	0	0
ENSG0000(RPL23AP9ε processed_ chr8	6898878	6899468	-	0	0
ENSG0000(RP11-241F processed_ chr4	49579833	49580189	+	0	0
ENSG0000(RP11-386B lincRNA chr4	1.85E+08	1.85E+08	+	0	0
ENSG0000(RP11-225B unprocessε chr7	32788334	32788442	+	0	0
ENSG0000(RP11-440I1 transcribed chr4	1.75E+08	1.75E+08	-	0	0
ENSG0000(RP11-711G antisense chr5	7707802	7749766	-	0	0
ENSG0000(RP1-313L4. unprocessε chr1	1.68E+08	1.68E+08	-	0	0

ENSG0000(CTD-2152N antisense chr5	32103445	32121941	-	0.08	0
ENSG0000(AC138035. lincRNA chr5	1.81E+08	1.81E+08	+	0	0
ENSG0000(RP11-1084 processed_ chr5	33997044	33997724	-	0	0
ENSG0000(DPP3P1 processed_ chr4	64430909	64433215	+	0	0
ENSG0000(RP11-241F processed_ chr4	49507764	49508806	-	0	0
ENSG0000(RP5-1063N transcribed chr12	3296202	3366122	-	0.04	0.03
ENSG0000(RP11-153N transcribed chr4	1.54E+08	1.54E+08	+	0.41	0.13
ENSG0000(LINC01365 lincRNA chr4	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-12K2 lincRNA chr4	63468701	63494278	-	0	0
ENSG0000(RP13-884E lincRNA chr4	1.38E+08	1.38E+08	-	0	0
ENSG0000(AC004980. unprocessed chr7	76521611	76522074	+	0	0
ENSG0000(RP11-63A1 antisense chr4	42281830	42391268	-	0	0
ENSG0000(RP11-432N protein_co chr5	17634460	17635053	+	0	0
ENSG0000(SNHG18 lincRNA chr5	9546200	9550609	+	1.91	2
ENSG0000(HMGN1P1 processed_ chr5	56381781	56382075	+	0	0
ENSG0000(TUBB8P4 unprocessed chr12	34164773	34166954	-	0	0
ENSG0000(RP11-46H1 lincRNA chr12	1.33E+08	1.33E+08	+	0.05	0.07
ENSG0000(RP11-55L3. lincRNA chr4	1.16E+08	1.17E+08	-	0	0
ENSG0000(ALG1L12P unprocessed chr8	12421032	12425000	+	0	0
ENSG0000(RP11-723C processed_ chr3	1.29E+08	1.29E+08	+	0	0
ENSG0000(PRODH2 protein_co chr19	35799988	35813299	-	0	0
ENSG0000(RP11-91H1 antisense chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(ZBED3-AS1 antisense chr5	77086740	77166909	+	0.68	1
ENSG0000(CTC-441N1 protein_co chr5	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP11-747H unprocessed chr4	8981436	8982360	+	0	0
ENSG0000(CTC-293G1 lincRNA chr5	1.01E+08	1.01E+08	-	0	0
ENSG0000(MTCO2P3C processed_ chr5	5395972	5396335	-	0	0.27
ENSG0000(RP11-530I1 processed_ chr4	55219344	55219973	+	0	0
ENSG0000(SERF1AP1 processed_ chr4	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP11-447B lincRNA chr5	9854377	9889937	+	0	0
ENSG0000(RP11-89B1 processed_ chr4	53927499	53928138	-	0	0
ENSG0000(DCAF13P2 processed_ chr5	17202274	17203145	+	0	0
ENSG0000(RP11-576E lincRNA chr4	17171757	17186059	-	0	0
ENSG0000(RP11-91H1 sense_ovei chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-345F protein_co chr4	55819819	55837487	+	0	0
ENSG0000(LINC02111 lincRNA chr5	17378906	17387310	-	0	0
ENSG0000(PGAM1P12 processed_ chr15	96441566	96442313	-	0	0
ENSG0000(HNRNPA3F processed_ chr4	82128535	82129656	+	0	0
ENSG0000(MFSD4BP1 processed_ chr5	52579555	52581106	-	0	0
ENSG0000(RP11-790I1 unprocessed chr4	69437357	69441050	+	0	0
ENSG0000(RP11-11N5 lincRNA chr4	1.87E+08	1.87E+08	+	0.15	0
ENSG0000(MRPS35P2 processed_ chr5	98402542	98402732	-	0	0
ENSG0000(CTD-2232E lincRNA chr5	89466537	89470039	-	0	0
ENSG0000(DNM1P17 unprocessed chr10	30353706	30357365	+	0	0
ENSG0000(KRT18P54 processed_ chr4	1.35E+08	1.35E+08	-	0	0

ENSG0000(LSM3P4 processed_ chr4	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-501C antisense chr17	48995266	48997492	-	0	0
ENSG0000(RP11-296L unprocessε chr4	1.79E+08	1.79E+08	+	0	0
ENSG0000(CTC-806A2 lincRNA chr5	1.45E+08	1.45E+08	-	0.14	0
ENSG0000(USP17L18 protein_co chr4	9248630	9250581	+	0	0
ENSG0000(EPHA5-AS1 lincRNA chr4	65669961	65698029	+	3.09	2.6
ENSG0000(CTD-2020P unprocessε chr5	1.21E+08	1.21E+08	-	0	0
ENSG0000(CTD-2083E processed_ chr5	288833	290321	-	0	0
ENSG0000(RP11-297B antisense chr9	37002697	37008040	+	0	0
ENSG0000(RNF138P1 processed_ chr5	55530156	55530701	-	0	0
ENSG0000(RP11-269F lincRNA chr4	1.12E+08	1.12E+08	+	0	0
ENSG0000(TRIM60P1 processed_ chr8	46792065	46793064	+	0	0
ENSG0000(IGBP1P5 processed_ chr4	27585145	27586144	+	0	0
ENSG0000(HNRNP KP1 processed_ chr5	1.28E+08	1.28E+08	-	0	0.05
ENSG0000(CTD-2265D processed_ chr5	42466893	42468300	-	0	0
ENSG0000(HMGB1P2 processed_ chr5	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-663P lincRNA chr4	43980006	43981620	-	0	0
ENSG0000(RP11-780C lincRNA chr4	1.36E+08	1.36E+08	-	0	0
ENSG0000(CTD-2297D antisense chr5	5142138	5176214	-	0	0
ENSG0000(XKRY transcribec chrY	17768980	17777400	-	0	0
ENSG0000(RP11-453N unprocessε chr8	67133554	67135911	-	0	0
ENSG0000(CTC-480C2 lincRNA chr5	85663232	85664684	+	0.04	0
ENSG0000(RP11-373J antisense chr4	72323028	72330751	+	0	0
ENSG0000(METTL21E1 transcribec chr13	1.03E+08	1.03E+08	+	0	0.03
ENSG0000(CTC-459M antisense chr5	1.12E+08	1.12E+08	+	0	0
ENSG0000(OR7E85P unprocessε chr4	9483718	9484702	+	0	0
ENSG0000(LINC02061 lincRNA chr5	32646564	32651976	-	0	0
ENSG0000(CTD-2046J processed_ chr5	35081223	35081992	+	0	0
ENSG0000(RP11-366M lincRNA chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(LINC01455 antisense chr5	79936579	79967626	+	0	0
ENSG0000(LINC01336 lincRNA chr5	75047719	75052843	-	0.46	0
ENSG0000(RP5-837O2 unprocessε chr1	93926032	93926188	-	0	0
ENSG0000(LINC02208 lincRNA chr5	1.18E+08	1.19E+08	-	0	0
ENSG0000(RP11-1365 unprocessε chr4	201409	205009	-	0	0
ENSG0000(RP11-588L antisense chr4	40426119	40427585	+	0	0
ENSG0000(PRAMEF31 unprocessε chr1	13245863	13248652	+	0	0
ENSG0000(CTD-2158P processed_ chr5	1.2E+08	1.2E+08	-	0	0
ENSG0000(RNPS1P1 processed_ chr4	11371975	11372892	+	0	0
ENSG0000(HMGB3P1 processed_ chr4	94195940	94196513	-	0	0
ENSG0000(RP11-253E lincRNA chr12	3041437	3044950	+	1.33	1.02
ENSG0000(CTC-338M antisense chr5	1.81E+08	1.81E+08	+	0.24	0.41
ENSG0000(SMAD1-AS antisense chr4	1.46E+08	1.46E+08	-	0	0
ENSG0000(GMDS-AS1 lincRNA chr6	2245748	2482022	+	4.95	4.39
ENSG0000(RP11-707F lincRNA chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-632F antisense chr4	40812779	40826151	+	0	0

ENSG00000101703C antisense	chr4	93318623	93319786	-	0	0
ENSG00000101843P antisense	chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000010197467. antisense	chr4	1.55E+08	1.55E+08	+	0.09	0.23
ENSG00000102171L23 protein_co	chr4	9272364	9272914	+	0	0
ENSG00000102184 processed_	chr5	33970863	33972628	+	0	0
ENSG000001021338 lincRNA	chr4	8745397	8746033	-	0	0
ENSG000001024785G1 sense_ove	chr20	34234840	34281173	-	0	0
ENSG0000010252B26P unprocess	chr4	69027831	69044578	+	0	0
ENSG000001025297P lincRNA	chr4	1.04E+08	1.04E+08	-	0	0
ENSG0000010260263 lincRNA	chr5	4135682	4143648	+	0	0
ENSG0000010265EP1 processed_	chr4	1.06E+08	1.06E+08	+	0	0
ENSG00000102548K unprocess	chr7	57773183	57773381	+	0	0
ENSG0000010263MESTP3 processed_	chr4	28823244	28824211	-	0	0.07
ENSG000001026161M: processed_	chr5	1.19E+08	1.19E+08	+	0	0
ENSG00000102601181 antisense	chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000010261AS1 antisense	chr4	53496400	53549578	+	0	0
ENSG000001026DHP66 processed_	chr18	3977649	3978615	-	0	0
ENSG00000102671E1 lincRNA	chr3	1.26E+08	1.26E+08	+	0	0
ENSG00000102679C antisense	chr4	1.2E+08	1.2E+08	+	0.25	0.14
ENSG00000102634198. transcribec	chr3	12850659	12850860	+	0	0
ENSG000001026489N processed_	chr4	4086638	4086814	+	0	0
ENSG0000010265P7P11 processed_	chr4	9677308	9677934	+	0	0
ENSG000001026810P lincRNA	chr4	1.27E+08	1.27E+08	-	0	0
ENSG000001026358N unprocess	chr11	89820082	89826922	+	0	0
ENSG0000010267PC7-AS2 antisense	chr5	1.36E+08	1.36E+08	+	0	0
ENSG0000010261079 antisense	chr17	49375380	49380094	+	1.67	0
ENSG000001026492L: lincRNA	chr5	1.17E+08	1.17E+08	+	0	0
ENSG00000102633B1 lincRNA	chr4	1.19E+08	1.19E+08	+	0	0
ENSG00000102699YP1 unprocess	chrY	18540980	18544128	+	0	0
ENSG00000102679E3 lincRNA	chr4	33776347	34039893	-	0	0
ENSG000001026008592. lincRNA	chr5	95964999	95986311	-	0	0
ENSG00000102688F18 processed_	chr5	1.27E+08	1.27E+08	-	0	0
ENSG000001026248N lincRNA	chr4	1.74E+08	1.74E+08	-	0	0.06
ENSG00000102600492 lincRNA	chr5	1.03E+08	1.03E+08	+	0	0
ENSG000001026730562 GLUD1P3 transcribec	chr10	73730562	73737311	+	1.18	1.07
ENSG0000010262023N antisense	chr5	57395060	57533424	+	0.28	0.31
ENSG00000102669113 processed_	chr8	88485110	88486094	+	0	0
ENSG000001026402J processed_	chr4	1.13E+08	1.13E+08	+	0	0
ENSG000001026322J: lincRNA	chr4	1.71E+08	1.71E+08	-	0	0
ENSG000001026364L: lincRNA	chr4	1.43E+08	1.43E+08	+	0	0
ENSG000001026696F lincRNA	chr4	1.87E+08	1.87E+08	+	0	0
ENSG000001026144BP5 processed_	chr5	1.44E+08	1.44E+08	+	0	0
ENSG00000102613-6 unprocess	chr21	30356515	30356885	-	0	0
ENSG00000102602196 lincRNA	chr5	6933670	7190812	+	0	0
ENSG00000102694C2 antisense	chr17	50563203	50563783	-	0	0

ENSG0000(RP11-173E lincRNA chr4	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-357D processed_chr5	67463809	67475592	-	0	0
ENSG0000(RP11-656G unprocessε chr8	72202751	72251565	-	0	0
ENSG0000(RP11-529H processed_chr4	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-1902 antisense chr5	16129178	16141602	+	0	0
ENSG0000(GAPDHP35 processed_chr16	28239693	28240668	-	0.19	0
ENSG0000(RP11-91K8 processed_chr3	1.34E+08	1.34E+08	-	0	1.15
ENSG0000(CTD-2011G processed_chr5	29795938	29796268	+	0	0
ENSG0000(AC141928. lincRNA chr4	3758748	3763390	-	0	0
ENSG0000(SNHG21 antisense chr15	82750564	82757206	+	2.14	0.95
ENSG0000(RP11-392E processed_chr9	38543104	38543446	-	0.41	0
ENSG0000(AC073635. antisense chr7	77246340	77258123	-	0	0
ENSG0000(RP11-826N antisense chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(RP11-404J. lincRNA chr4	1.79E+08	1.79E+08	-	0	0
ENSG0000(AC005355. lincRNA chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP13-128C processed_chrX	1.19E+08	1.19E+08	+	0.34	0.37
ENSG0000(RP11-502N processed_chr4	1.61E+08	1.61E+08	-	0	0
ENSG0000(RP11-1379 antisense chr5	1.8E+08	1.8E+08	+	0.39	0.29
ENSG0000(AC008592. processed_chr5	95834424	95835046	-	0	0
ENSG0000(CTD-2193P processed_chr5	80997183	80998047	-	0	0
ENSG0000(AE000661. processed_chr14	22380680	22482959	-	0.12	0
ENSG0000(ZFPM2-AS1 processed_chr8	1.06E+08	1.06E+08	-	0.18	0.12
ENSG0000(RP11-318I processed_chr4	1.26E+08	1.26E+08	-	0	0
ENSG0000(ORAOV1P1 processed_chr4	1.86E+08	1.86E+08	-	0	0
ENSG0000(RP13-494C lincRNA chr4	25864881	25869550	-	0	0
ENSG0000(RP11-6L6.7 antisense chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(TMEM108- antisense chr3	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-484N protein_co chr3	1.19E+08	1.19E+08	+	0	0
ENSG0000(GAPDHP62 processed_chr8	1.01E+08	1.01E+08	-	0.06	0.07
ENSG0000(RP11-159K processed_chr5	1.13E+08	1.13E+08	+	0	0
ENSG0000(SLC25A30-. lincRNA chr13	45418162	45420371	+	0	0.1
ENSG0000(RP11-629B processed_chr4	74085995	74086672	-	0	0
ENSG0000(HMMR-AS. antisense chr5	1.63E+08	1.63E+08	-	0	0
ENSG0000(HIGD1A1. processed_chr4	78648954	78649242	-	0	0
ENSG0000(THAP9-AS1 antisense chr4	82893009	82900960	-	14.76	13.49
ENSG0000(RP11-549J. sense_intrε chr5	93860669	93863825	-	0	0.06
ENSG0000(RP11-203B lincRNA chr4	1.46E+08	1.46E+08	-	0	0
ENSG0000(NDUFB5P1 processed_chr4	1.81E+08	1.81E+08	-	0	0
ENSG0000(LINC02163 lincRNA chr5	1.04E+08	1.04E+08	+	0.12	0.23
ENSG0000(LINC01950 lincRNA chr5	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTC-367F4 lincRNA chr5	1.45E+08	1.45E+08	-	0.15	0
ENSG0000(CUL1P1 processed_chr5	1.28E+08	1.28E+08	-	0	0
ENSG0000(CTD-2533K lincRNA chr5	26711551	26749997	-	0	0
ENSG0000(RP11-582J. antisense chr8	22540845	22545405	-	0.05	0.19
ENSG0000(WBP1LP4 processed_chr5	1.81E+08	1.81E+08	-	0	0

ENSG0000(AC090958. unprocessε	chr3	11909634	11910765	-	0	0
ENSG0000(IGKV2D-40 IG_V_gene	chr2	89851791	89852497	+	0	0
ENSG0000(RP11-535C lincRNA	chr4	52044805	52046954	+	0	0
ENSG0000(CTD-2275D lincRNA	chr5	74321631	74340152	+	0	0
ENSG0000(CTD-2582N lincRNA	chr5	68374765	68375292	+	0	0
ENSG0000(LINC01959 lincRNA	chr5	1.36E+08	1.36E+08	-	0	0
ENSG0000(ZNF969P processed_	chr4	1.1E+08	1.1E+08	+	0.05	0.05
ENSG0000(RP11-608B lincRNA	chr4	18488062	18489508	-	0	0
ENSG0000(RP11-685F lincRNA	chr4	57595940	57605872	-	0	0
ENSG0000(RP11-168A processed_	chr5	80019609	80019920	+	0.33	0
ENSG0000(ELL2P2 processed_	chr4	1.32E+08	1.32E+08	-	0	0
ENSG0000(CTD-2215E lincRNA	chr5	97223371	97227957	-	0	0
ENSG0000(RP11-257A lincRNA	chr4	63128311	63143881	+	0	0
ENSG0000(ANKRD20A unprocessε	chr4	49502145	49506022	-	0.07	0.05
ENSG0000(RP11-68L1. antisense	chr3	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-100N antisense	chr4	81164940	81193395	+	0	0
ENSG0000(RP11-789C lincRNA	chr4	1.7E+08	1.7E+08	+	0	0
ENSG0000(CTD-2218C processed_	chr5	32887990	32888145	-	0	0
ENSG0000(CTC-534B2 processed_	chr5	85549409	85549952	+	0	0
ENSG0000(RP11-434D lincRNA	chr5	1.27E+08	1.27E+08	-	0	0
ENSG0000(NUDT19P5 processed_	chr4	1.58E+08	1.58E+08	+	0	0.41
ENSG0000(RP11-1267 unprocessε	chr4	68626847	68628899	-	0	0
ENSG0000(HTT-AS antisense	chr4	3063471	3074514	-	0	0
ENSG0000(RP11-526F antisense	chr5	1.12E+08	1.12E+08	+	0	0
ENSG0000(SLC25A5P9 processed_	chr5	75752570	75753479	-	0	0
ENSG0000(BMS1P2 transcribed	chr10	47538377	47551954	-	1.28	1.43
ENSG0000(RP11-415C lincRNA	chr4	27133996	27140051	-	0	0
ENSG0000(RP11-713M lincRNA	chr4	1.07E+08	1.07E+08	+	0	0
ENSG0000(LINC01969 lincRNA	chr17	50214694	50215420	+	0	0.95
ENSG0000(ALG1L3P unprocessε	chr4	9703754	9710812	-	0.08	0
ENSG0000(RP11-325B lincRNA	chr3	98233651	98457898	+	0	0
ENSG0000(OR5AC4P unprocessε	chr3	98104754	98105672	+	0	0
ENSG0000(RP11-414H lincRNA	chr5	91226475	91227071	-	0	0
ENSG0000(RP11-115D antisense	chr4	89551356	89726752	+	0	0.06
ENSG0000(CTD-2367A processed_	chr5	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-1267 processed_	chr4	68615393	68616137	-	0	0
ENSG0000(CTBP2P4 processed_	chr5	98576341	98577260	+	0	0
ENSG0000(RP11-5711I processed_	chr4	54076625	54076848	+	0	0
ENSG0000(FAM206BP processed_	chr13	46270077	46270617	+	0	0
ENSG0000(PDCD5P2 processed_	chr5	76280956	76281267	+	0	0
ENSG0000(YBX1P5 processed_	chr5	72417489	72418335	+	0	0.16
ENSG0000(FCF1P8 processed_	chr4	55351812	55352408	-	0	0
ENSG0000(RP11-419C processed_	chr5	12794100	12794731	-	0	0
ENSG0000(RP11-68D1 processed_	chr4	29465701	29467850	-	0	0
ENSG0000(CTC-505O3 processed_	chr5	1.16E+08	1.16E+08	+	0	0

ENSG0000(NIFKP2 processed_ chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-580J processed_ chr4	1.63E+08	1.63E+08	+	0	0
ENSG0000(CTD-2335C lincRNA chr5	51451158	51462089	+	0	0
ENSG0000(RP11-119H antisense chr4	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-280G lincRNA chr8	61759094	61765969	-	0	0
ENSG0000(WWC2-AS1 antisense chr4	1.83E+08	1.83E+08	-	0	0
ENSG0000(RP11-734I1 lincRNA chr4	31997397	32155406	+	0	0
ENSG0000(CTD-2035E antisense chr5	43018429	43024247	+	0.33	0
ENSG0000(RP11-438C lincRNA chr5	1.15E+08	1.15E+08	-	0	0
ENSG0000(AC008565. processed_ chr5	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-37B2 lincRNA chr8	89609409	89757727	-	2.97	3.26
ENSG0000(RPL7L1P7 processed_ chr3	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-81H3 lincRNA chr12	74133166	74402535	-	0.19	0
ENSG0000(RP11-701P antisense chr4	1.85E+08	1.85E+08	+	0	0
ENSG0000(RP11-5301 antisense chr5	44744900	44808777	-	1.37	2.81
ENSG0000(RP11-513C processed_ chr8	57240057	57240541	+	0	0
ENSG0000(RP11-849H antisense chr11	72014291	72020910	+	0.1	0.12
ENSG0000(CTD-2532K lincRNA chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-701P processed_ chr4	1.85E+08	1.85E+08	-	0	0
ENSG0000(RP11-478C antisense chr4	2295584	2319089	+	0	0
ENSG0000(MTND5P5 processed_ chr4	1.02E+08	1.02E+08	+	0	0
ENSG0000(HOXC-AS3 processed_ chr12	53981509	53985519	-	0	0
ENSG0000(RP11-281P lincRNA chr4	11469250	11478196	+	0.01	0
ENSG0000(AC006153. unprocessε chr7	90469787	90488964	+	0.46	0
ENSG0000(SEPT14P4 processed_ chr4	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-98J2: unprocessε chr5	69898867	69903198	-	0.06	0
ENSG0000(RP11-500G processed_ chr4	44533615	44533880	+	0	0
ENSG0000(RP11-540C lincRNA chr15	40906811	40910337	+	0.14	0.16
ENSG0000(RP11-75A5 processed_ chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(PRELID3BP processed_ chr5	42897262	42897832	-	0	0
ENSG0000(HULC lincRNA chr6	8652137	8653846	+	0	0.14
ENSG0000(F11-AS1 antisense chr4	1.86E+08	1.87E+08	-	0	0
ENSG0000(OR7E163P unprocessε chr4	3889356	3890249	-	0	0
ENSG0000(CTD-2072I: lincRNA chr5	7924292	7925398	+	0	0
ENSG0000(LINC01843 lincRNA chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-729M lincRNA chr4	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-327C antisense chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(RP11-529P processed_ chr3	97481177	97481506	-	0	0
ENSG0000(UCHL1-AS1 antisense chr4	41220074	41256727	-	0	0
ENSG0000(TSEN2P1 processed_ chr4	1.75E+08	1.75E+08	+	0	0
ENSG0000(RP11-45L9. antisense chr4	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-97E7 lincRNA chr4	1.72E+08	1.72E+08	-	0	0
ENSG0000(RP11-401E unprocessε chr4	69572391	69585527	-	0	0
ENSG0000(OR7E21P unprocessε chr3	1.3E+08	1.3E+08	-	0	0
ENSG0000(TMEM92-A antisense chr17	50281577	50287855	-	0.52	0.29

ENSG0000(RP11-6171) lincRNA	chr4	31171144	31211675	+	0	0
ENSG0000(LINC01861) lincRNA	chr5	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-101E) protein_co	chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP11-542G) lincRNA	chr4	75269068	75361182	-	0	0
ENSG0000(RP11-689P) antisense	chr4	8453410	8454942	-	0	0
ENSG0000(CTC-459M) antisense	chr5	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-478C) processed_	chr4	268982	269531	-	0	0
ENSG0000(CTD-2196P) lincRNA	chr5	38682070	38685126	+	0	0
ENSG0000(LINC00589) lincRNA	chr8	29673922	29748109	-	0.04	0
ENSG0000(ZNF674) protein_co	chrX	46497727	46545457	-	1.51	2.13
ENSG0000(RP11-72K1) processed_	chr5	97737894	97738913	+	0	0
ENSG0000(RP1-68D18) sense_intr	chr11	35212550	35214007	+	0.28	0.31
ENSG0000(RP11-378N) processed_	chr4	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP11-54F2) unprocess	chr5	10652211	10655925	-	0	0
ENSG0000(RP11-400D) lincRNA	chr4	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP11-6E9.5) antisense	chr4	1.7E+08	1.7E+08	+	0	0
ENSG0000(TMED7-TIC) protein_co	chr5	1.16E+08	1.16E+08	-	2.86	2.32
ENSG0000(RP11-14I17) processed_	chr8	26433029	26434065	-	0.1	0
ENSG0000(CTC-278L1) processed_	chr5	1.06E+08	1.06E+08	-	0.03	0
ENSG0000(CTD-2050E) lincRNA	chr5	1.44E+08	1.44E+08	+	0	0
ENSG0000(CTD-2187J) lincRNA	chr5	67268022	67270182	+	0	0
ENSG0000(LINC00923) lincRNA	chr15	97572185	97874550	-	0.89	1.12
ENSG0000(RP11-168E) lincRNA	chr4	12223451	12251286	+	0	0
ENSG0000(RP11-889L) processed_	chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000(MTND5P4) processed_	chr4	17061878	17062165	+	0	0
ENSG0000(RP11-248N) lincRNA	chr4	1.74E+08	1.74E+08	-	0	0
ENSG0000(CTD-2308B) lincRNA	chr5	1.24E+08	1.24E+08	-	0	0
ENSG0000(GOLGA5P1) processed_	chr5	39169210	39170335	-	0	0
ENSG0000(RP11-161D) lincRNA	chr4	1.74E+08	1.74E+08	-	0	0.03
ENSG0000(RP11-1057) lincRNA	chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(LINC01217) sense_intr	chr4	1.01E+08	1.01E+08	-	0	0
ENSG0000(RFPL4AP3) processed_	chr4	23514940	23515284	-	0	0
ENSG0000(LINC01337) lincRNA	chr5	80608623	80622524	-	0	0
ENSG0000(MTCO1P9) unprocess	chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(CNOT10-A) antisense	chr3	32730635	32737454	-	0	0
ENSG0000(RP11-469N) lincRNA	chr11	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-192C) processed_	chr4	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-503N) processed_	chr4	2505081	2506279	-	0	0
ENSG0000(MIR3945H) lincRNA	chr4	1.85E+08	1.85E+08	-	0	0
ENSG0000(PSMA2P2) processed_	chr8	93939364	93942877	-	0	0
ENSG0000(SNRPCP2) processed_	chr5	76376675	76377149	+	0	0
ENSG0000(RP11-468N) unprocess	chr4	68813995	68814727	+	0	0
ENSG0000(B3GNTL1P) processed_	chr5	52889666	52889954	+	0	0
ENSG0000(CTB-22K21) antisense	chr17	50627032	50631940	-	0	0
ENSG0000(AC005178) processed_	chr5	1.34E+08	1.34E+08	-	0	0

ENSG0000(RP13-487K lincRNA chr4	1.56E+08	1.56E+08	+	0	0
ENSG0000(RP11-540D protein_co chr1	1.55E+08	1.55E+08	+	0.29	0
ENSG0000(ZNF345 protein_co chr19	36850361	36913029	+	2.19	2.8
ENSG0000(RP11-223C lincRNA chr4	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-73G1 processed_ chr4	1.52E+08	1.52E+08	+	0.03	0.08
ENSG0000(RP11-404K lincRNA chr5	7326064	7326609	+	0	0
ENSG0000(MTND2P31 processed_ chr4	14505865	14506480	-	0	0
ENSG0000(MTHFD2P4 processed_ chr4	1.62E+08	1.62E+08	+	0	0
ENSG0000(GTF2F2P1 processed_ chr4	1.48E+08	1.48E+08	+	0	0.11
ENSG0000(RP11-273B lincRNA chr4	54845568	54859241	+	0	0
ENSG0000(CTD-2263F antisense chr5	38460925	38468339	-	0.86	0
ENSG0000(RFPL4B protein_co chr6	1.12E+08	1.12E+08	+	0	0
ENSG0000(AC004069. lincRNA chr4	1.05E+08	1.05E+08	-	0.73	0.16
ENSG0000(WDFY3-AS antisense chr4	84803258	84810391	+	0	0
ENSG0000(OR7H2P unprocessε chr5	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-545H lincRNA chr4	54440502	54446723	-	0	0
ENSG0000(RP11-340A lincRNA chr4	58984282	59046959	+	0	0
ENSG0000(RP11-231L antisense chr3	1.41E+08	1.41E+08	-	0	0
ENSG0000(ALG1L7P unprocessε chr4	3935447	3942519	+	0	0
ENSG0000(RP11-549K lincRNA chr5	25126305	25190656	-	0	0
ENSG0000(AC006335. unprocessε chrY	6241768	6243629	-	0	0
ENSG0000(MAGI2-AS1 antisense chr7	78939850	78940895	+	0	0
ENSG0000(AC006499. processed_ chr4	10292195	10292708	-	0	0
ENSG0000(SMIM15-A antisense chr5	61162070	61232040	+	0.08	0
ENSG0000(CTD-2066L lincRNA chr5	33011322	33017607	-	0.19	0
ENSG0000(RP11-171N lincRNA chr4	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP13-644N processed_ chr4	69125274	69126451	+	0	0
ENSG0000(RP11-147K processed_ chr4	88220569	88223837	-	0	0
ENSG0000(RP11-588F processed_ chr4	52440494	52441535	-	0	0
ENSG0000(ALG1L2 protein_co chr3	1.3E+08	1.3E+08	+	0.12	0.54
ENSG0000(RP11-10L1. processed_ chr4	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-400D lincRNA chr4	1.34E+08	1.34E+08	+	0	0
ENSG0000(ERVH-1 lincRNA chr4	23723262	23733579	-	0	0
ENSG0000(CTC-552D5 lincRNA chr5	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-116C antisense chr5	24554018	24613222	+	0	0
ENSG0000(AC006499. processed_ chr4	10167159	10167765	-	0	0
ENSG0000(TUBB7P unprocessε chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(RP11-425A antisense chr4	1.48E+08	1.48E+08	-	0	0
ENSG0000(SLC25A15P unprocessε chr13	24943575	24944498	+	0	0
ENSG0000(RP11-54P1 processed_ chr4	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-81H1 lincRNA chr12	68332888	68451663	-	0.45	0.58
ENSG0000(CAB39P1 processed_ chr5	60630514	60630973	+	0	0
ENSG0000(NDUFB4P2 processed_ chr5	59528861	59529251	+	0	0
ENSG0000(RP11-506H antisense chr5	55233934	55295201	+	0	0
ENSG0000(MRPS33P3 processed_ chr4	1.15E+08	1.15E+08	+	0	0

ENSG0000(RP11-498N antisense)	chr4	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-706F lincRNA)	chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(LINC02214 lincRNA)	chr5	1.17E+08	1.17E+08	-	0	0
ENSG0000(AC004062. processed_)	chr4	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-747H processed_)	chr4	9030286	9031066	+	0	0
ENSG0000(CTD-2337A antisense)	chr5	95962001	96631085	+	0.16	0.36
ENSG0000(KLF17P2 transcribec)	chr4	14126339	14126664	+	0	0
ENSG0000(CTC-327F1 antisense)	chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(PCAT4 lincRNA)	chr4	79827471	79877770	+	0	0
ENSG0000(SHANK3 protein_co)	chr22	50674415	50733298	+	0.53	0.95
ENSG0000(RP11-452H lincRNA)	chr11	78423982	78429836	-	0	0.04
ENSG0000(LINC01386 antisense)	chr5	73454187	73472896	-	0	0
ENSG0000(RP11-415C lincRNA)	chr4	27262506	27267254	-	0	0
ENSG0000(RP11-521E lincRNA)	chr4	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-240A lincRNA)	chr4	32351038	32353220	+	0	0
ENSG0000(CTD-2283N antisense)	chr5	1.48E+08	1.48E+08	-	0	0
ENSG0000(RP11-177C processed_)	chr4	37995494	37996203	-	0	0
ENSG0000(RTN3P1 processed_)	chr4	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-317G processed_)	chr4	48936582	48936880	+	0	0
ENSG0000(RP11-540E lincRNA)	chr4	1.82E+08	1.82E+08	-	0	0
ENSG0000(AC006499. processed_)	chr4	10294463	10295579	-	0	0
ENSG0000(RP11-506N lincRNA)	chr4	58780626	58984152	-	0.75	0.4
ENSG0000(MTCYBP35 processed_)	chr5	94569540	94570676	+	0	0
ENSG0000(CTC-235G5 processed_)	chr5	76078666	76079763	+	0	0
ENSG0000(RP11-392L. processed_)	chr4	1.29E+08	1.29E+08	+	0	0
ENSG0000(IRF5P1 processed_)	chr8	92972575	92974738	+	0	0
ENSG0000(HSPD1P11 processed_)	chr5	95768999	95770700	+	0.66	0.62
ENSG0000(MSANTD3- protein_co)	chr9	1E+08	1.01E+08	+	2	1.05
ENSG0000(LVCAT1 lincRNA)	chr4	44016861	44022063	+	0	0
ENSG0000(RP11-451H processed_)	chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(MTND3P5 unprocessε)	chr4	25720099	25720431	-	0	0.32
ENSG0000(RP11-697N unprocessε)	chr8	47546804	47547926	-	0	0
ENSG0000(RAB5CP2 processed_)	chr5	91476382	91477018	+	0	0
ENSG0000(AP000350. protein_co)	chr22	23862188	23895223	+	0	0
ENSG0000(WWC2-AS2 lincRNA)	chr4	1.83E+08	1.83E+08	-	0.33	0.42
ENSG0000(KHDC1P1 transcribec)	chr6	73209083	73210080	-	0	0
ENSG0000(CTD-2091N lincRNA)	chr5	93019663	93068669	-	0	0
ENSG0000(RP11-129N lincRNA)	chr14	40954898	40975877	+	0	0
ENSG0000(CTD-2516F antisense)	chr11	7427266	7512515	-	2.27	3.57
ENSG0000(RP11-332J. lincRNA)	chr5	6765891	6771953	+	0	0
ENSG0000(DBIP2 processed_)	chr5	80603383	80603644	-	0	0
ENSG0000(RP11-231G lincRNA)	chr5	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-175N processed_)	chr5	55750206	55750401	-	0	0
ENSG0000(ZNF550 protein_co)	chr19	57535257	57559863	-	2.53	2.37
ENSG0000(SEMA5A-A lincRNA)	chr5	9511333	9518086	+	0	0

ENSG0000(CTD-2318H lincRNA	chr5	4640731	4648254	+	0	0
ENSG0000(LINC00499 lincRNA	chr4	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-68D1 processed_	chr4	29407100	29408012	+	0	0
ENSG0000(RPS23P5 processed_	chr5	82265157	82265259	-	0	0
ENSG0000(CTD-2313F lincRNA	chr5	55054428	55055140	+	0	0
ENSG0000(RP11-18H2 lincRNA	chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(AC096582. unprocessε	chr7	45818582	45819097	+	0.57	1.42
ENSG0000(RP11-484C antisense	chr4	15358141	15420032	-	3.59	2.69
ENSG0000(DCANP1 protein_co	chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(LINC00958 lincRNA	chr11	12961842	12989548	-	0.29	0.04
ENSG0000(RP11-542G lincRNA	chr4	75354076	75362566	+	0	0
ENSG0000(MTCYBP16 processed_	chr4	64607703	64608831	-	0	0
ENSG0000(CTB-35F21 lincRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(RP11-427M lincRNA	chr4	1.34E+08	1.34E+08	-	0	0
ENSG0000(YTHDF1P1 processed_	chr5	97368776	97370421	+	0	0
ENSG0000(RP11-305P lincRNA	chr5	66298468	66322944	+	0	0.2
ENSG0000(RP1-240K6 processed_	chr14	73462423	73477175	+	0.39	0.29
ENSG0000(FTH1P9 processed_	chr5	83426676	83427030	+	0	0
ENSG0000(LINC01301 lincRNA	chr8	60384588	60516795	-	0.13	0.71
ENSG0000(LINC01256 lincRNA	chr4	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-234K lincRNA	chr4	79596542	79597173	+	0	0
ENSG0000(ALDH7A1P processed_	chr5	77290268	77291800	+	0	0.04
ENSG0000(RP11-11N6 processed_	chr4	90682996	90683123	+	0	0
ENSG0000(FAM90A25 unprocessε	chr8	12415080	12418090	-	0	0
ENSG0000(CTB-109A1 sense_ovei	chr5	1.57E+08	1.57E+08	-	0	0.09
ENSG0000(MTND1P22 unprocessε	chr4	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-586D lincRNA	chr4	6202328	6206649	+	0.01	0
ENSG0000(AC008592. lincRNA	chr5	95835943	95852721	-	0	0
ENSG0000(AC007106. lincRNA	chr4	27967723	27985063	-	0	0
ENSG0000(RP11-397E processed_	chr4	86913266	86914817	-	0	0.12
ENSG0000(AC006296. lincRNA	chr4	14383123	14409078	-	0	0
ENSG0000(RP11-534Li sense_intrε	chr10	48624004	48625093	-	0	0
ENSG0000(RP11-843P antisense	chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(RP11-140M lincRNA	chr4	1.78E+08	1.78E+08	-	0	0
ENSG0000(RP11-1348 lincRNA	chr16	28802743	28817828	+	0.43	0.43
ENSG0000(ASS1P8 processed_	chr4	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-524Li processed_	chr5	75831255	75832764	-	0	0
ENSG0000(CTC-369A1 lincRNA	chr5	1.24E+08	1.24E+08	+	0	0
ENSG0000(CTB-51A17 antisense	chr5	13860303	13900749	+	0	0
ENSG0000(RP11-468N unprocessε	chr4	68834213	68834368	-	0	0
ENSG0000(CTD-2247C lincRNA	chr5	5046796	5049497	-	0	0
ENSG0000(RP13-644M unprocessε	chr4	69144734	69147671	+	0	0
ENSG0000(RP11-597D transcribec	chr4	1.58E+08	1.58E+08	+	0.61	0.93
ENSG0000(MTCO3P27 unprocessε	chr4	64606418	64606613	+	0	0
ENSG0000(AC008984. unprocessε	chr19	54298105	54298814	-	0	0

ENSG0000(RP11-420A lincRNA chr4	1.28E+08	1.29E+08	+	1.13	1.78
ENSG0000(CCNHP1 processed_chr4	1.82E+08	1.82E+08	-	0	0
ENSG0000(RP11-315A lincRNA chr4	31350284	31351725	+	0	0
ENSG0000(C1GALT1P2 processed_chr5	56192530	56193633	+	0.11	0.3
ENSG0000(NUP58P1 processed_chr4	1.26E+08	1.26E+08	-	0	0
ENSG0000(NDUFS5P4 processed_chr4	98976800	98977117	-	0	0
ENSG0000(RP11-431N antisense chr4	36311190	36392410	-	0	0
ENSG0000(AC006070.unprocessε chr17	41186944	41187136	-	0	0
ENSG0000(STMN1P2 processed_chr4	1.37E+08	1.37E+08	-	0	0
ENSG0000(RTEL1P1 processed_chr4	1.12E+08	1.12E+08	+	0.01	0
ENSG0000(LINC01094 lincRNA chr4	78645903	78682699	+	1.09	1.54
ENSG0000(LINC02160 lincRNA chr5	33229735	33255553	+	0	0
ENSG0000(RP11-483A antisense chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(RP11-375B lincRNA chr5	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-517B unprocessε chr3	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-71E1 lincRNA chr3	1.26E+08	1.26E+08	-	0	0
ENSG0000(MTND1P1ε processed_chr4	92702345	92702659	+	0	0
ENSG0000(RASGRF2-A antisense chr5	80947697	80960907	-	0.1	0
ENSG0000(GTF2IP9 transcribed chr7	66407288	66409239	-	0	0.15
ENSG0000(RP13-539F processed_chr4	1.45E+08	1.45E+08	-	0	0
ENSG0000(HAUS1P1 processed_chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-542G lincRNA chr4	75341279	75359024	-	0	0
ENSG0000(RP11-164P antisense chr4	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-436H sense_intrε chr5	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-844P lincRNA chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-319E lincRNA chr4	57491390	57495233	+	0	0
ENSG0000(RP11-1258 antisense chr4	8066528	8067724	+	0	0
ENSG0000(RP11-501C antisense chr17	49004731	49013725	-	0	0
ENSG0000(FKBP4P1 processed_chr4	1.18E+08	1.18E+08	-	0	0
ENSG0000(RPL7L1P13 processed_chr4	1.1E+08	1.1E+08	-	0	0
ENSG0000(CTC-250P2 processed_chr5	72996920	72997642	+	0	0
ENSG0000(RP11-369K unprocessε chr8	12958387	12962200	+	0	0
ENSG0000(ASNSP4 unprocessε chr8	46697630	46698688	+	0	0
ENSG0000(RP11-166D lincRNA chr3	1.4E+08	1.4E+08	+	0	0
ENSG0000(AC004069.processed_chr4	1.05E+08	1.05E+08	-	0	0
ENSG0000(RPL32P3 transcribed chr3	1.29E+08	1.29E+08	-	5.39	5.15
ENSG0000(MTCO1P31 processed_chr5	5396477	5396968	-	0.15	0.34
ENSG0000(RP11-74D3 processed_chr5	1.18E+08	1.18E+08	-	0	0
ENSG0000(CTD-2122P processed_chr5	41585882	41587787	-	0	0
ENSG0000(AKIRIN2P1 processed_chr4	1.5E+08	1.5E+08	+	0	0
ENSG0000(LYPLA1P2 processed_chr4	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP5-1065Jε processed_chr1	1.09E+08	1.09E+08	-	0	0
ENSG0000(AC068134.processed_chr2	2.32E+08	2.32E+08	+	0.67	0.92
ENSG0000(RP11-124N lincRNA chr5	19035197	19038799	-	0	0
ENSG0000(RP11-404Iε lincRNA chr4	1.33E+08	1.33E+08	-	0	0

ENSG0000(RP11-736K processed_ chr4	69888877	69889406	+	0	0
ENSG0000(RP11-237D lincRNA chr4	1.88E+08	1.88E+08	-	0	0
ENSG0000(OR7E28P transcribed chr2	1.59E+08	1.59E+08	+	0	0.07
ENSG0000(RP11-782E processed_ chr4	1.36E+08	1.36E+08	-	0	0
ENSG0000(FOXD1 protein_co chr5	73444827	73448527	-	5.96	5.41
ENSG0000(PPIAP11 processed_ chr5	82009602	82010094	-	0.31	0.17
ENSG0000(RP11-197N lincRNA chr12	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-468N unprocessed_ chr4	68972999	68975993	-	0	0
ENSG0000(RP11-466J processed_ chr4	43586328	43588097	+	0	0
ENSG0000(APITD1-CO protein_co chr1	10430102	10452153	+	1.11	0.52
ENSG0000(LINC01099 lincRNA chr4	1.78E+08	1.78E+08	-	0.91	0.11
ENSG0000(CTD-2247C lincRNA chr5	4967764	4970425	-	0	0
ENSG0000(RP5-862P8 unprocessed_ chr1	2.33E+08	2.33E+08	-	0.61	0
ENSG0000(AC022486. lincRNA chrY	18491740	18547698	+	0	0
ENSG0000(RP11-171N lincRNA chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(LIX1-AS1 lincRNA chr5	97089075	97437217	+	0.13	0
ENSG0000(CCDC11P1 processed_ chr5	39571478	39572639	-	0	0
ENSG0000(RP11-10G1 unprocessed_ chr4	22607501	22611063	+	0	0
ENSG0000(RP11-109E lincRNA chr4	42706107	42707335	+	0	0
ENSG0000(LINC02110 lincRNA chr5	37948491	37951055	+	0	0
ENSG0000(RP11-46A1 unprocessed_ chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(IMPA1P1 transcribed chr8	81605569	81631134	-	0	0
ENSG0000(RP11-724N antisense chr4	98496364	98509935	+	0	0
ENSG0000(TCP11X3P transcribed chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-381N lincRNA chr4	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-51P8 lincRNA chr4	65858761	65860204	+	0	0
ENSG0000(RP11-468N unprocessed_ chr4	68877626	68880131	-	0	0
ENSG0000(CTD-2245E lincRNA chr5	1544107	1551710	-	0	0
ENSG0000(LINC00605 lincRNA chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-478C processed_ chr4	336258	336786	-	0	0
ENSG0000(RP11-572C lincRNA chr12	1.3E+08	1.3E+08	-	0	0.09
ENSG0000(RP11-385D protein_co chr17	15571491	15651653	-	0.03	0
ENSG0000(LINC02201 lincRNA chr5	1.23E+08	1.23E+08	-	0	0
ENSG0000(SNX18P24 processed_ chr4	49561479	49562149	+	0	0
ENSG0000(LINC01957 lincRNA chr5	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-60A8 lincRNA chr5	73337906	73338533	+	0	0
ENSG0000(MTND5P12 processed_ chr5	94567461	94568909	+	0	0
ENSG0000(RP11-798K unprocessed_ chr5	1.8E+08	1.8E+08	+	0	0
ENSG0000(IGKV1D-39 IG_V_gene chr2	89862482	89862981	+	0	0
ENSG0000(RP11-215G processed_ chr5	10664495	10665113	-	0.13	0.15
ENSG0000(RP11-480D unprocessed_ chr5	8410789	8410996	-	0	0
ENSG0000(RP11-501C processed_ chr17	49037122	49037429	+	0	0
ENSG0000(COQ10BP2 processed_ chr5	83279921	83280644	-	0	0
ENSG0000(DDX18P4 processed_ chr5	98679402	98681367	+	0	0
ENSG0000(RP11-745L lincRNA chr4	1.32E+08	1.32E+08	-	1.21	0.76

ENSG00000118118	antisense	chr5	1.46E+08	1.46E+08	+	0	0	
ENSG00000120762	transcribed	chr11	43120762	43269393	-	0	0	
ENSG00000120762	MALAT1	lincRNA	chr11	65497762	65506516	+	66.35	71.41
ENSG00000120762	IARS2P1	processed	chr8	87598462	87601634	-	0	0
ENSG00000120762	HMGB1P3	processed	chr5	77146568	77147165	+	0	0.13
ENSG00000120762	RP11-775H	lincRNA	chr4	1.36E+08	1.36E+08	-	0	0
ENSG00000120762	ALG3P1	processed	chr5	5375723	5376836	-	0.05	0
ENSG00000120762	RP11-724C	protein_coding	chr2	1.69E+08	1.7E+08	+	0	0
ENSG00000120762	DDX3P3	processed	chr4	1.04E+08	1.04E+08	+	0	0
ENSG00000120762	AF213884	processed	chr4	1.02E+08	1.02E+08	+	0	0
ENSG00000120762	LINC02106	lincRNA	chr5	50969217	50970167	-	0	0
ENSG00000120762	RP11-6N13	lincRNA	chr5	1.04E+08	1.05E+08	-	0	0
ENSG00000120762	C5orf64-AS	lincRNA	chr5	61732774	61735669	-	0	0
ENSG00000120762	LINC01267	lincRNA	chr3	14348451	14352568	-	0	0
ENSG00000120762	RP11-297P	antisense	chr4	1.04E+08	1.04E+08	+	0	0
ENSG00000120762	TRBV21-1	TR_V_pseudogene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000120762	RP11-39E3	processed	chr3	1.31E+08	1.31E+08	-	0	0
ENSG00000120762	RP11-539L	lincRNA	chr4	6670725	6673830	-	0.58	1.79
ENSG00000120762	AC008427	processed	chr5	1.5E+08	1.5E+08	-	0.1	0
ENSG00000120762	RP11-4401	lincRNA	chr4	1.75E+08	1.75E+08	+	0	0
ENSG00000120762	CTD-2299E	processed	chr5	86402465	86402960	+	0	0
ENSG00000120762	TET2-AS1	antisense	chr4	1.05E+08	1.05E+08	-	0	0
ENSG00000120762	LDHAP1	processed	chr4	4894182	4895173	-	0	0
ENSG00000120762	RP11-698E	processed	chr4	36506043	36508869	+	0	0
ENSG00000120762	NIFKP7	unprocessed	chr3	32063974	32066611	-	0	0
ENSG00000120762	CTD-2197M	processed	chr5	36071791	36072079	-	0	0
ENSG00000120762	MSNP1	processed	chr5	25909503	25911234	+	0	0
ENSG00000120762	ABCA11P	transcribed	chr4	425435	474129	-	1.46	1.28
ENSG00000120762	HADHAP1	processed	chr4	1.65E+08	1.65E+08	-	0	0
ENSG00000120762	RPL37P25	processed	chr5	54399439	54400033	+	0	0
ENSG00000120762	RP11-789C	lincRNA	chr4	1.32E+08	1.32E+08	-	0	0
ENSG00000120762	RP11-232L	antisense	chr5	73132008	73150592	-	0	0
ENSG00000120762	RP11-673E	lincRNA	chr4	1.44E+08	1.44E+08	+	0	0
ENSG00000120762	RP11-317C	lincRNA	chr5	50929484	50934521	-	0	0
ENSG00000120762	RP11-521B	antisense	chr14	1.05E+08	1.05E+08	-	1.56	1.14
ENSG00000120762	RP11-164P	antisense	chr4	1.52E+08	1.52E+08	+	0	0
ENSG00000120762	LINC01385	lincRNA	chr5	73451498	73453395	+	0	0
ENSG00000120762	CTD-2037K	processed	chr5	78307503	78307914	+	0	0
ENSG00000120762	OR12D1	polymorphic	chr6	29417280	29418226	+	0	0
ENSG00000120762	SETP12	processed	chr4	1.21E+08	1.21E+08	-	0	0
ENSG00000120762	RP11-77P1	unprocessed	chr3	1.3E+08	1.3E+08	-	0	0
ENSG00000120762	RP11-610P	lincRNA	chr4	1.51E+08	1.51E+08	-	0	0
ENSG00000120762	CTC-347C2	lincRNA	chr5	72687112	72762727	-	0	0
ENSG00000120762	HSPA8P19	processed	chr3	1.33E+08	1.33E+08	+	0	0
ENSG00000120762	RP11-774C	lincRNA	chr4	8355090	8358338	-	1.18	1.19

ENSG0000(RP11-485M lincRNA chr5	1.33E+08	1.33E+08	-	0	0
ENSG0000(AC007322. unprocessε chrY	21895394	21897559	+	0	0
ENSG0000(RP11-756P lincRNA chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(STPG2-AS1 antisense chr4	97366926	97490164	+	0	0
ENSG0000(AC009487. 3prime_ov chr2	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-826N lincRNA chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(UNC93B7 unprocessε chr4	9493736	9498066	+	0	0
ENSG0000(CTD-2089C processed_ chr5	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-371M lincRNA chr5	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-774D lincRNA chr5	20611840	20937691	+	0	0
ENSG0000(RP11-241F processed_ chr4	49561285	49561470	-	0	0
ENSG0000(LINC02172 lincRNA chr4	1.38E+08	1.38E+08	+	0	0
ENSG0000(GYG1P1 unprocessε chr8	73905357	73915010	-	0	0
ENSG0000(RP11-1280 unprocessε chr5	71102898	71128753	-	0.4	0.5
ENSG0000(RP11-213G lincRNA chr4	38564003	38570671	+	0	0
ENSG0000(LINC01218 sense_intrε chr4	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-119D lincRNA chr11	67886477	67906350	+	0	0.16
ENSG0000(AC006390. processed_ chr4	24768049	24768331	+	0	0
ENSG0000(RP11-2012C processed_ chr4	1100016	1101558	-	0	0
ENSG0000(RP11-600L lincRNA chr4	38286994	38287491	+	0	0
ENSG0000(RP11-91J3. processed_ chr4	1.87E+08	1.87E+08	-	0	0
ENSG0000(HPRT1P1 processed_ chr4	15864938	15865940	-	0	0
ENSG0000(RP11-576N processed_ chr4	83377363	83378076	-	0	0
ENSG0000(CTD-2353N processed_ chr5	65732973	65733654	+	0	0
ENSG0000(RP11-318I lincRNA chr4	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-2012C antisense chr4	1113639	1132977	+	0	0
ENSG0000(RP11-192H lincRNA chr5	25218973	25298612	-	0	0
ENSG0000(PRB1 protein_co chr12	11351823	11395566	-	0.09	0
ENSG0000(PRELID3BP processed_ chr5	42908208	42908667	-	0	0
ENSG0000(AC007036. sense_ovei chr7	30157531	30159534	+	3.78	1.41
ENSG0000(RP11-326C antisense chr11	318640	325631	+	1.15	1.78
ENSG0000(SUMO2P5 processed_ chr5	75225424	75225668	+	0	0
ENSG0000(PCDHA12 protein_co chr5	1.41E+08	1.41E+08	+	0.04	0
ENSG0000(RP11-700H lincRNA chr17	50944104	50948750	+	0	0
ENSG0000(ZNF346-IT1 sense_intrε chr5	1.77E+08	1.77E+08	+	0.09	0.1
ENSG0000(BRCC3P1 processed_ chr5	1.76E+08	1.76E+08	+	0	0
ENSG0000(RP11-466P unprocessε chr5	76170930	76171106	+	0	0
ENSG0000(FAM86EP transcribec chr4	3941760	3955419	-	1.63	1.82
ENSG0000(CTD-2532K lincRNA chr5	1.75E+08	1.75E+08	+	0	0
ENSG0000(CTC-458I2. antisense chr5	80128361	80143883	+	0	0
ENSG0000(RP11-614F lincRNA chr4	1.32E+08	1.32E+08	+	0	0
ENSG0000(CTD-2296D lincRNA chr5	7344579	7345921	+	0	0
ENSG0000(RP11-669N lincRNA chr4	14134936	14143592	+	0	0
ENSG0000(CTC-575N7 antisense chr5	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-631N processed_ chr5	61347126	61347716	+	0	0

ENSG00000100000	UGT2B27P	unprocessed	chr4	69004862	69020414	-	0	0
ENSG00000100000	OR10J8P	unprocessed	chr1	1.59E+08	1.59E+08	+	0	0
ENSG00000100000	RP11-181K	antisense	chr4	1.46E+08	1.46E+08	+	0	0
ENSG00000100000	RP11-752L	lincRNA	chr4	1.48E+08	1.48E+08	+	0	0
ENSG00000100000	RP11-478C	processed	chr4	269866	270175	-	0	0
ENSG00000100000	RP11-618I	unprocessed	chr4	69306469	69307173	-	0	0
ENSG00000100000	PTX4	protein_coding	chr16	1485886	1488981	-	0	0
ENSG00000100000	USP17L9P	unprocessed	chr4	9358383	9359975	+	0	0
ENSG00000100000	RN7SKP24	misc_RNA	chr9	34478622	34478905	+	0	0
ENSG00000100000	RNA5SP44	rRNA	chr17	66639269	66639383	+	0	0
ENSG00000100000	RNU6-857F	snRNA	chr18	30984106	30984215	+	0	0
ENSG00000100000	RNU6-998F	snRNA	chr4	57002692	57002792	+	0	0
ENSG00000100000	SNORA40	snoRNA	chr2	16199203	16199295	+	0	0
ENSG00000100000	RNA5-8SP6	rRNA	chrY	10200155	10200306	+	0	0
ENSG00000100000	RNU7-61P	snRNA	chr16	30483135	30483195	-	0	0
ENSG00000100000	RNU7-37P	snRNA	chrX	1.21E+08	1.21E+08	-	0	0
ENSG00000100000	RNU6-632F	snRNA	chr10	25819363	25819426	-	0	0
ENSG00000100000	RNU7-20P	snRNA	chr7	1.49E+08	1.49E+08	+	0	0
ENSG00000100000	RN7SKP67	misc_RNA	chr4	1.83E+08	1.83E+08	-	0	0
ENSG00000100000	SNORA68	snoRNA	chr13	72460519	72460601	-	0	0
ENSG00000100000	RNA5SP41	rRNA	chr16	35753796	35753930	+	0	0
ENSG00000100000	RNU2-13P	snRNA	chr2	11561194	11561306	+	0	0
ENSG00000100000	RNU6-408F	snRNA	chr18	29048620	29048719	+	0	0
ENSG00000100000	RNU7-123F	snRNA	chr1	63536711	63536770	-	0	0
ENSG00000100000	RNU5E-3P	snRNA	chr4	48574453	48574520	-	0	0
ENSG00000100000	RNU7-175F	snRNA	chr5	75538598	75538658	-	0	0
ENSG00000100000	RNU7-41P	snRNA	chr14	34845300	34845360	-	0	0
ENSG00000100000	RNU6-488F	snRNA	chr3	93843764	93843862	+	0	0
ENSG00000100000	Y_RNA	misc_RNA	chr7	1.4E+08	1.4E+08	-	0	0
ENSG00000100000	RNA5SP40	rRNA	chr15	97472126	97472252	-	0	0
ENSG00000100000	SNORA4	snoRNA	chr3	1.83E+08	1.83E+08	+	0	0
ENSG00000100000	RN7SKP12	misc_RNA	chr5	1.08E+08	1.08E+08	+	0	0
ENSG00000100000	SCARNA8	scaRNA	chr9	19063656	19063786	-	0	0
ENSG00000100000	SNORA25	snoRNA	chr14	46960423	46960546	+	0	0
ENSG00000100000	RNU6-105E	snRNA	chr4	1.84E+08	1.84E+08	+	0	0
ENSG00000100000	RNU4ATAC	snRNA	chr5	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	RN7SKP13	misc_RNA	chr4	1.82E+08	1.82E+08	-	0	0
ENSG00000100000	SNORA25	snoRNA	chr8	1.39E+08	1.39E+08	+	0	0
ENSG00000100000	RNU7-124F	snRNA	chr9	37936707	37936768	-	0	0
ENSG00000100000	RNA5SP11	rRNA	chr2	1.77E+08	1.77E+08	+	0	0
ENSG00000100000	RNU7-60P	snRNA	chr12	11546479	11546540	+	0	0
ENSG00000100000	RNU4ATAC	snRNA	chr9	33868540	33868665	+	0	0
ENSG00000100000	RNU5F-8P	snRNA	chr1	2.41E+08	2.41E+08	+	0	0
ENSG00000100000	RN7SKP46	misc_RNA	chr3	1.58E+08	1.58E+08	-	0	0
ENSG00000100000	RNU4-29P	snRNA	chr9	83275941	83276114	+	0	1.68

ENSG0000(RNU6-75P	snRNA	chr13	90781766	90781869	-	0	0
ENSG0000(RNU6-999F	snRNA	chr1	2.45E+08	2.45E+08	+	0	0
ENSG0000(RNA5SP38	rRNA	chr14	51692752	51692861	+	0	0
ENSG0000(RNU6-848F	snRNA	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(RN7SKP29	misc_RNA	chr3	1.67E+08	1.67E+08	-	0	0
ENSG0000(RNA5SP41	rRNA	chr16	35752826	35752942	+	0	0
ENSG0000(RNU6-138F	snRNA	chr3	18954943	18955049	-	0	0
ENSG0000(RNU6-470F	snRNA	chr17	43412427	43412530	+	0	0
ENSG0000(RNA5SP44	rRNA	chr17	66895491	66895572	+	0	0
ENSG0000(RNA5SP51	rRNA	chrY	10090410	10090528	-	0	0
ENSG0000(RNU7-8P	snRNA	chr1	77420325	77420386	+	0	0
ENSG0000(RNA5SP21	rRNA	chr6	1.27E+08	1.27E+08	-	0	0
ENSG0000(RNA5SP48	rRNA	chr20	47873191	47873273	+	0	0
ENSG0000(RNU6-112	snRNA	chr3	86235321	86235424	+	0	0
ENSG0000(RNU6-377F	snRNA	chr3	12514706	12514807	+	0	0
ENSG0000(ACA59	snoRNA	chr2	63883249	63883391	-	0	0
ENSG0000(RN7SKP24	misc_RNA	chr9	83200940	83201228	-	0	0
ENSG0000(SNORA3	snoRNA	chr21	41882205	41882300	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	76319376	76319473	+	0	0
ENSG0000(RNA5SP35	rRNA	chr12	30306431	30306524	-	0	0
ENSG0000(RNU6-117	snRNA	chr10	42605158	42605263	+	0	0
ENSG0000(RNA5SP20	rRNA	chr1	77614869	77614952	+	0	0
ENSG0000(RNU7-47P	snRNA	chr3	1.43E+08	1.43E+08	+	0	0
ENSG0000(RNU5A-7P	snRNA	chr12	64228560	64228675	-	0	0
ENSG0000(RNU4-57P	snRNA	chr1	2.23E+08	2.23E+08	+	0	0
ENSG0000(SCARNA6	scaRNA	chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	50086982	50087083	+	0	0
ENSG0000(RNU6-237F	snRNA	chr16	74456541	74456611	+	0	0
ENSG0000(SNORA70	snoRNA	chrY	26247384	26247521	+	0	0
ENSG0000(RNU6-863F	snRNA	chr7	76087444	76087547	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	56818218	56818314	-	0	0
ENSG0000(SNORA31	snoRNA	chr7	34892417	34892549	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	17403508	17403620	+	0	0
ENSG0000(RNU6-129	snRNA	chr3	1.42E+08	1.42E+08	-	0	0
ENSG0000(SCARNA21	scaRNA	chr2	24273614	24273741	-	0	0
ENSG0000(RNU6-202F	snRNA	chrX	41919254	41919349	-	0	0
ENSG0000(RN7SKP14	misc_RNA	chr17	54770949	54771277	+	0	0
ENSG0000(RN7SKP13	misc_RNA	chr10	27783846	27784053	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	43472477	43472596	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	4186326	4186424	+	0	0
ENSG0000(RNU6-983F	snRNA	chr1	1.94E+08	1.94E+08	-	0	0
ENSG0000(RN7SKP18	misc_RNA	chr6	1.17E+08	1.17E+08	+	0	0
ENSG0000(SNORD116	snoRNA	chr15	25099499	25099594	+	0	0
ENSG0000(RNA5SP15	rRNA	chr4	19181814	19181856	-	0	0
ENSG0000(SCARNA20	scaRNA	chr17	28018770	28018907	+	0	0

ENSG0000(RNU6-322F)	snRNA	chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(RNU6-583F)	snRNA	chr4	1.28E+08	1.28E+08	+	0	0
ENSG0000(SNORA19)	snoRNA	chr12	60363822	60363935	+	0	0
ENSG0000(RNA5SP16)	rRNA	chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RN7SKP19)	misc_RNA	chr1	73191604	73191855	-	0	0
ENSG0000(SNORA31)	snoRNA	chr5	80306235	80306368	-	0	0
ENSG0000(RNA5SP43)	rRNA	chr17	15782341	15782455	+	0	0
ENSG0000(SNORD46)	snoRNA	chr6	24166273	24166374	+	0	0
ENSG0000(RNU6-1114)	snRNA	chr6	16205014	16205120	+	0	0
ENSG0000(RNU6-319F)	snRNA	chr9	15431899	15432006	-	0	0
ENSG0000(RNU6ATAC)	snRNA	chr8	54152807	54152882	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	93027410	93027506	-	0	0
ENSG0000(SNORA31)	snoRNA	chr11	37702125	37702220	-	0	0
ENSG0000(RNU7-12P)	snRNA	chr10	27232255	27232316	-	0	0
ENSG0000(RN7SKP15)	misc_RNA	chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(RNU6-1334)	snRNA	chrY	2784749	2784853	+	0	0
ENSG0000(RNU6-732F)	snRNA	chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(RNU6-803F)	snRNA	chr19	53719064	53719165	-	0	0
ENSG0000(snoMe28S)	snoRNA	chr12	97552137	97552228	-	0	0
ENSG0000(RNA5SP96)	rRNA	chr2	69181897	69182003	-	0	0
ENSG0000(RNU6-772F)	snRNA	chr21	20355748	20355852	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1.03E+08	1.03E+08	-	0	0
ENSG0000(RNU6-507F)	snRNA	chr3	1.5E+08	1.5E+08	-	0	0
ENSG0000(MIR449C)	miRNA	chr5	55172262	55172353	-	0	0
ENSG0000(RNA5SP36)	rRNA	chr12	66066221	66066338	+	0	0
ENSG0000(SNORA31)	snoRNA	chr14	41594463	41594591	+	0	0
ENSG0000(RNU6-1288)	snRNA	chr2	14274622	14274725	-	0	0
ENSG0000(SCARNA20)	scaRNA	chr1	2.05E+08	2.05E+08	+	0	0
ENSG0000(MIR1343)	miRNA	chr11	34941837	34941920	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr6	36672838	36672944	+	0	0
ENSG0000(RNU6-518F)	snRNA	chr17	58835899	58835994	+	0	0
ENSG0000(SCARNA21)	scaRNA	chr1	15542165	15542304	+	0	0
ENSG0000(RP11-48B3)	antisense	chr8	80484561	80485619	-	0.57	0.31
ENSG0000(RNU7-71P)	snRNA	chr16	72821933	72821992	-	0	0
ENSG0000(SCARNA23)	scaRNA	chrX	24744441	24744570	+	0	0
ENSG0000(RNU2-69P)	snRNA	chr18	58926197	58926296	-	0	0
ENSG0000(RNA5SP18)	rRNA	chr5	51886688	51886769	+	0	0
ENSG0000(RNU6-615F)	snRNA	chr4	83003412	83003517	+	0	0
ENSG0000(RNU5F-2P)	snRNA	chr1	1.8E+08	1.8E+08	+	0	0
ENSG0000(RNU2-45P)	snRNA	chr6	28410270	28410456	+	0	0
ENSG0000(SNORD79)	snoRNA	chr4	1.84E+08	1.84E+08	+	0	0
ENSG0000(RNU7-75P)	snRNA	chr5	37327135	37327196	+	0	0
ENSG0000(RNU6-475F)	snRNA	chr6	1.15E+08	1.15E+08	-	0	0
ENSG0000(RNU6ATAC)	snRNA	chr20	25611153	25611223	+	0	0
ENSG0000(RNA5SP28)	rRNA	chr9	95142449	95142541	-	0	0

ENSG0000(RNU6-120F) snRNA	chr18	21120404	21120506	-	0	0
ENSG0000(RNU6-760F) snRNA	chr5	31832439	31832535	+	0	0
ENSG0000(RN7SKP19) misc_RNA	chr16	82192505	82192790	-	0	0
ENSG0000(RNU4-49P) snRNA	chr2	48340687	48340826	-	0	0
ENSG0000(RNA5SP49) rRNA	chr22	32635102	32635198	-	0	0
ENSG0000(RNU7-79P) snRNA	chr15	85389823	85389884	-	0	0
ENSG0000(RNU7-84P) snRNA	chr8	1.07E+08	1.07E+08	-	0	0
ENSG0000(SNORA70) snoRNA	chr12	75689152	75689304	-	0	0
ENSG0000(RNU6-976F) snRNA	chr14	84739942	84740052	+	0	0
ENSG0000(SNORD116) snoRNA	chr15	25101575	25101666	+	0	0
ENSG0000(RNU6-916F) snRNA	chr18	6936912	6937020	-	0	0
ENSG0000(SCARNA11) scaRNA	chr12	6581474	6581609	-	0	0
ENSG0000(VTRNA2-2F) misc_RNA	chr2	65555432	65555534	-	0	0
ENSG0000(RNA5SP27) rRNA	chr8	88396437	88396547	-	0	0
ENSG0000(RNU7-2P) snRNA	chr2	1.46E+08	1.46E+08	+	0	0
ENSG0000(RNU6-351F) snRNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(RNU6-240F) snRNA	chr14	73659564	73659660	-	0	0
ENSG0000(RNU6-491F) snRNA	chr12	14250232	14250341	-	0	0
ENSG0000(RNU6-513F) snRNA	chr22	42569147	42569250	-	0	0
ENSG0000(RNU7-200F) snRNA	chr1	20841241	20841302	+	0	0
ENSG0000(RNA5SP40) rRNA	chr16	35734393	35734504	+	0	0
ENSG0000(RNU1-61P) snRNA	chr6	32549940	32550090	-	0	0
ENSG0000(RNU1-86P) snRNA	chrY	23946618	23946771	-	0	0
ENSG0000(RNU7-105F) snRNA	chr11	72621766	72621827	+	0	0
ENSG0000(RNA5SP21) rRNA	chr6	1.26E+08	1.26E+08	-	0	0
ENSG0000(SNORA14) snoRNA	chr10	6017054	6017194	-	0	0
ENSG0000(RNU6-276F) snRNA	chr4	55798636	55798731	+	0	0
ENSG0000(RNA5SP40) rRNA	chr16	35735372	35735471	+	0	0
ENSG0000(SNORA70) snoRNA	chrY	23423099	23423236	-	0	0
ENSG0000(RNU6-189F) snRNA	chr14	49901850	49901950	-	0	0
ENSG0000(RNU6-871F) snRNA	chr12	59450673	59450772	-	0	0
ENSG0000(RNU6-114) snRNA	chr11	3714772	3714875	-	0	0
ENSG0000(RN7SKP17) misc_RNA	chr2	1.91E+08	1.91E+08	-	0	0
ENSG0000(RNA5SP24) rRNA	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNU7-129F) snRNA	chr18	12400412	12400473	+	0	0
ENSG0000(RNU6-127) snRNA	chr18	46121615	46121721	-	0	0
ENSG0000(SNORA15) snoRNA	chr22	19249873	19249966	+	0	0
ENSG0000(RNA5SP11) rRNA	chr2	2.08E+08	2.08E+08	-	0	0
ENSG0000(SCARNA16) scaRNA	chr2	53470447	53470629	-	0	0
ENSG0000(RNU6-693F) snRNA	chr1	1.73E+08	1.73E+08	-	0	0
ENSG0000(RNU6-102) snRNA	chr6	54786387	54786492	+	0	0
ENSG0000(RN7SKP16) misc_RNA	chr2	76595413	76595678	-	0	0
ENSG0000(RN7SKP34) misc_RNA	chr5	87102603	87102846	-	0	0
ENSG0000(RNU6-121) snRNA	chr22	29191697	29191808	-	0	0
ENSG0000(RNA5SP52) rRNA	chrY	18346123	18346238	-	0	0

ENSG0000(RNU6-496F) snRNA	chrX	1.11E+08	1.11E+08	-	0	0
ENSG0000(RNU6-27P) snRNA	chr20	17187510	17187616	+	0	0
ENSG0000(RNU6-617F) snRNA	chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(RNU6-1095) snRNA	chr10	11923181	11923288	+	0	0
ENSG0000(RNU6-1102) snRNA	chr1	78088988	78089083	-	0	0
ENSG0000(RNU6-559F) snRNA	chr9	15143289	15143386	+	0	0
ENSG0000(RNU6ATAC) snRNA	chr4	1.71E+08	1.71E+08	+	0	0
ENSG0000(RNA5SP20) rRNA	chr6	67467231	67467308	-	0	0
ENSG0000(SNORD77) snoRNA	chr3	46650510	46650590	+	0	0
ENSG0000(RNU1-41P) snRNA	chrY	18833729	18833890	-	0	0
ENSG0000(RNU6-1333) snRNA	chr2	2.38E+08	2.38E+08	-	0	0
ENSG0000(RNU6-123F) snRNA	chr21	25943044	25943145	-	0	0
ENSG0000(RNU6-473F) snRNA	chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(SNORA19) snoRNA	chr2	86364136	86364265	+	0	0
ENSG0000(RNU6-718F) snRNA	chr5	1.2E+08	1.2E+08	-	0	0
ENSG0000(RN7SKP14) misc_RNA	chr2	1.36E+08	1.36E+08	+	0	0
ENSG0000(RNU6-991F) snRNA	chr1	8292157	8292263	-	0	0
ENSG0000(RNA5SP23) rRNA	chr7	1.07E+08	1.07E+08	-	0	0
ENSG0000(RNU6-436F) snRNA	chr2	1.58E+08	1.58E+08	+	0	0
ENSG0000(RNU7-52P) snRNA	chr17	62383104	62383166	+	0	0
ENSG0000(RN7SKP43) misc_RNA	chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(RN7SKP15) misc_RNA	chr5	62146665	62146946	+	0	0
ENSG0000(RNU6-1161) snRNA	chr22	45624531	45624632	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	41868998	41869095	-	0	0
ENSG0000(SNORD63) snoRNA	chr3	53530322	53530401	-	0	0
ENSG0000(RNU4ATAC) snRNA	chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(RNA5SP18) rRNA	chr5	17156971	17157071	-	0	0
ENSG0000(RNU7-49P) snRNA	chr11	14478892	14478953	+	0	0
ENSG0000(SCARNA17) scaRNA	chr18	49814133	49814276	+	0	0
ENSG0000(RNA5SP22) rRNA	chr7	22298594	22298706	+	0	0
ENSG0000(RNU2-27P) snRNA	chr18	9518119	9518260	-	0	0
ENSG0000(Y_RNA) misc_RNA	chrY	7341531	7341642	+	0	0
ENSG0000(RNA5SP45) rRNA	chr18	50319002	50319120	+	0	0
ENSG0000(RNU6-168F) snRNA	chr5	1.64E+08	1.64E+08	-	0	0
ENSG0000(SNORA31) snoRNA	chr7	32791814	32791946	+	0	0
ENSG0000(RNA5SP30) rRNA	chr10	19633683	19633812	-	0	0
ENSG0000(RNA5SP15) rRNA	chr4	9792751	9792861	-	0	0
ENSG0000(RNU7-154F) snRNA	chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNU4ATAC) snRNA	chr1	73883714	73883822	+	0	0
ENSG0000(RNU6-927F) snRNA	chr12	1.25E+08	1.25E+08	+	0	0
ENSG0000(SCARNA5) scaRNA	chr2	2.33E+08	2.33E+08	+	0	0.47
ENSG0000(SNORA25) snoRNA	chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(RNA5SP52) rRNA	chrY	17559774	17559889	+	0	0
ENSG0000(RNU4ATAC) snRNA	chr14	75202081	75202169	-	0	0
ENSG0000(SNORA70) snoRNA	chr4	1.32E+08	1.32E+08	+	0	0

ENSG0000(RNU6-904F)	snRNA	chr2	1.41E+08	1.41E+08	-	0	0
ENSG0000(ACA64)	snoRNA	chrX	88148792	88148918	+	0	0
ENSG0000(RNU6-1194)	snRNA	chr3	282689	282792	-	0	0
ENSG0000(RNU2-30P)	snRNA	chr1	52754322	52754462	+	0	0
ENSG0000(RNU6ATAC)	snRNA	chr14	54859215	54859330	+	0	0
ENSG0000(SCARNA17)	scaRNA	chr22	21389796	21389938	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	45004348	45004454	+	0	0
ENSG0000(SNORD33)	snoRNA	chr16	76469508	76469595	-	0	0
ENSG0000(RNU6-581F)	snRNA	chr7	1.21E+08	1.21E+08	+	0	0
ENSG0000(RNU6-982F)	snRNA	chr19	53745004	53745105	-	0	0
ENSG0000(RNU6-1262)	snRNA	chr16	68284223	68284318	-	0	0
ENSG0000(RNU6ATAC)	snRNA	chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(RN7SKP52)	misc_RNA	chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(RNA5SP25)	rRNA	chr8	12087396	12087445	-	0	0
ENSG0000(RNU6-119f)	snRNA	chr4	1.53E+08	1.53E+08	-	0	0
ENSG0000(RNU6-561F)	snRNA	chr2	79636862	79636963	-	0	0
ENSG0000(RNU6-1281)	snRNA	chr1	51538625	51538729	-	0	0
ENSG0000(RNU6-311F)	snRNA	chr11	78579255	78579356	-	0	0
ENSG0000(RNY4P37)	misc_RNA	chr18	46077004	46077099	-	0	0
ENSG0000(RNU6-397F)	snRNA	chr8	14487776	14487879	-	0	0
ENSG0000(RN7SKP28)	misc_RNA	chr10	1.11E+08	1.11E+08	+	0	0
ENSG0000(RNU6-162F)	snRNA	chr7	1.44E+08	1.44E+08	+	0	0
ENSG0000(RNU6-287F)	snRNA	chr17	42891338	42891435	-	0	0
ENSG0000(snoU109)	snoRNA	chr16	68630223	68630354	-	0	0
ENSG0000(RNA5SP22)	rRNA	chr7	24132705	24132837	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	75145670	75145762	+	0	0
ENSG0000(SNORA33)	snoRNA	chr21	32538299	32538434	+	0	0
ENSG0000(RNU6-150F)	snRNA	chr6	20993474	20993568	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr7	1.03E+08	1.03E+08	-	0	0
ENSG0000(SNORA40)	snoRNA	chr10	23166985	23167101	+	0	0
ENSG0000(SNORA31)	snoRNA	chrX	38308112	38308241	-	0	0
ENSG0000(RN7SKP27)	misc_RNA	chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RNU6-1101)	snRNA	chr3	1.95E+08	1.95E+08	-	0	0
ENSG0000(RNU7-174F)	snRNA	chr8	80560567	80560625	+	0	0
ENSG0000(RNA5SP46)	rRNA	chr19	11996809	11996916	+	0	0
ENSG0000(RNU6-415F)	snRNA	chr15	78898840	78898936	-	0	0
ENSG0000(RNU6-469F)	snRNA	chr4	84886386	84886486	-	0	0
ENSG0000(RNU6-1041)	snRNA	chr19	53760087	53760188	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr20	57311854	57311958	+	0	0
ENSG0000(RNU6-864F)	snRNA	chr14	28982303	28982410	-	0	0
ENSG0000(RNU2-53P)	snRNA	chr15	53651977	53652123	+	0	0
ENSG0000(RNU4-71P)	snRNA	chr8	23600026	23600138	-	0	0
ENSG0000(RNU6-390F)	snRNA	chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chrX	1.1E+08	1.1E+08	-	0	0
ENSG0000(RNA5SP34)	rRNA	chr11	57450183	57450299	+	0	0

ENSG0000(RNA5SP32) rRNA	chr10	73706490	73706613	+	0	0
ENSG0000(RNU6-947) snRNA	chr1	2.45E+08	2.45E+08	+	0	0
ENSG0000(RNU6-416) snRNA	chr16	30675300	30675402	-	0	0
ENSG0000(RN7SKP19) misc_RNA	chr10	58869184	58869528	+	0	0
ENSG0000(RNU6-327) snRNA	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(RNU7-99) snRNA	chr16	6748908	6748969	+	0	0
ENSG0000(RNU6-277) snRNA	chr11	1.06E+08	1.06E+08	-	0	0
ENSG0000(RNU6-547) snRNA	chr3	1.73E+08	1.73E+08	+	0	0
ENSG0000(SNORA40) snoRNA	chr5	23972188	23972294	-	0	0
ENSG0000(RN7SKP12) misc_RNA	chr1	2.42E+08	2.42E+08	-	0	0
ENSG0000(RNA5SP76) rRNA	chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(RN7SKP24) misc_RNA	chr4	90370123	90370427	+	0	0
ENSG0000(RNU4ATAC) snRNA	chr20	54859688	54859812	-	0	0
ENSG0000(RNU6-114) snRNA	chr20	56667430	56667531	+	0	0
ENSG0000(RNA5SP41) rRNA	chr16	35745989	35746094	+	0	0
ENSG0000(SNORA31) snoRNA	chr20	4868984	4869118	+	0	0
ENSG0000(RNU6-346) snRNA	chr18	76800664	76800774	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	27255464	27255567	-	0	0
ENSG0000(RNU6-758) snRNA	chr16	75286712	75286800	-	0	0
ENSG0000(RNU6-917) snRNA	chr20	1529056	1529159	-	0	0
ENSG0000(RNU6-191) snRNA	chr4	64397694	64397787	-	0	0
ENSG0000(RNU1-143) snRNA	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RNY3P15) misc_RNA	chr6	34873831	34873927	+	0	0
ENSG0000(RNA5SP22) rRNA	chr6	1.4E+08	1.4E+08	-	0	0
ENSG0000(RNU6-123) snRNA	chr5	68159061	68159146	-	0	0
ENSG0000(SNORD63) snoRNA	chr17	30246757	30246820	-	0	0
ENSG0000(RNU6-523) snRNA	chr10	67858818	67858871	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr7	1.17E+08	1.17E+08	-	0	0
ENSG0000(RNU4ATAC) snRNA	chr1	67267601	67267726	-	0	0
ENSG0000(RNU6-110) snRNA	chr15	44927600	44927703	-	0	0
ENSG0000(RNU6ATAC) snRNA	chr10	12456483	12456631	+	0	0
ENSG0000(ACA64) snoRNA	chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(RNU6-970) snRNA	chr1	92969604	92969710	-	0	0
ENSG0000(SNORA76) snoRNA	chr16	75409332	75409466	-	0	0
ENSG0000(RNU6-129) snRNA	chr6	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-313) snRNA	chr7	66344303	66344414	+	0	0
ENSG0000(SNORD27) snoRNA	chr13	21139886	21139957	-	0	0
ENSG0000(SNORA74) snoRNA	chr17	15574019	15574198	+	0	0
ENSG0000(RNU6-104) snRNA	chr2	1.91E+08	1.91E+08	+	0	0
ENSG0000(RNU6-795) snRNA	chr10	38043873	38043975	-	0	0
ENSG0000(SNORA70) snoRNA	chr9	62358191	62358285	-	0	0
ENSG0000(RNVU1-2) snRNA	chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(SNORA31) snoRNA	chr4	1.05E+08	1.05E+08	+	0	0
ENSG0000(RNU6-133) snRNA	chr6	75593055	75593145	+	0	0
ENSG0000(SNORA40) snoRNA	chr16	7726841	7726951	-	0	0

ENSG00000180100	SCARNA18	scaRNA	chr18	49814361	49814443	+	0	0
ENSG00000180101	RNU6-65P	snRNA	chr13	51565412	51565509	+	0	0
ENSG00000180102	SCARNA17	scaRNA	chr22	21544897	21545039	+	0	0
ENSG00000180103	RNU6-122E	snRNA	chrX	68102068	68102132	-	0	0
ENSG00000180104	RNY3P16	misc_RNA	chrX	1.19E+08	1.19E+08	+	0	0
ENSG00000180105	RNU6-120E	snRNA	chr2	2.01E+08	2.01E+08	+	0	0
ENSG00000180106	RNA5SP31	rRNA	chr10	48040462	48040577	+	0	0
ENSG00000180107	RNU6-126E	snRNA	chr1	14124233	14124335	-	0	0
ENSG00000180108	MIR2278	miRNA	chr9	94809962	94810057	+	0	0
ENSG00000180109	RNU6-941F	snRNA	chrY	7378672	7378779	+	0	0
ENSG00000180110	RNU6-155F	snRNA	chr6	75768059	75768158	-	0	0
ENSG00000180111	RNU6-479F	snRNA	chr4	1.84E+08	1.84E+08	-	0	0
ENSG00000180112	SNORA72	snoRNA	chr8	1.31E+08	1.31E+08	-	0	0
ENSG00000180113	RNA5SP31	rRNA	chr10	53458197	53458288	+	0	0
ENSG00000180114	RNU6-830F	snRNA	chr1	55398514	55398620	+	0	0
ENSG00000180115	RN7SKP31	misc_RNA	chrX	1.38E+08	1.38E+08	+	0	0
ENSG00000180116	RNA5SP28	rRNA	chr9	34206134	34206241	-	0	0
ENSG00000180117	RNU1-95P	snRNA	chrY	18116848	18117007	+	0	0
ENSG00000180118	RNA5SP28	rRNA	chr9	81885496	81885598	+	0	0
ENSG00000180119	RNA5SP20	rRNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG00000180120	SNORD112	snoRNA	chrX	1.3E+08	1.3E+08	+	0	0
ENSG00000180121	Y_RNA	misc_RNA	chr15	45047103	45047215	-	0	0
ENSG00000180122	RNU6-720F	snRNA	chr3	1.5E+08	1.5E+08	-	0	0
ENSG00000180123	RNU6-109F	snRNA	chrY	16248935	16249041	+	0	0
ENSG00000180124	RNU7-18P	snRNA	chr3	1.96E+08	1.96E+08	+	0	0
ENSG00000180125	RNU7-69P	snRNA	chrX	1.24E+08	1.24E+08	-	0	0
ENSG00000180126	RNA5SP25	rRNA	chr8	13536029	13536135	+	0	0
ENSG00000180127	RNA5SP41	rRNA	chr16	35747032	35747140	+	0	0
ENSG00000180128	RNU6-948F	snRNA	chr4	1.21E+08	1.21E+08	-	0	0
ENSG00000180129	RNU2-10P	snRNA	chr3	62118300	62118510	-	0	0
ENSG00000180130	RNU6-752F	snRNA	chr5	1.27E+08	1.27E+08	-	0	0
ENSG00000180131	RNU6-781F	snRNA	chr12	6709452	6709552	+	0	0
ENSG00000180132	SNORA40	snoRNA	chr7	1.39E+08	1.39E+08	-	0	0
ENSG00000180133	SCARNA17	scaRNA	chr1	26006006	26006130	+	0	0
ENSG00000180134	RNU6-751F	snRNA	chr19	53749851	53749951	-	0	0
ENSG00000180135	SNORA9	snoRNA	chr12	1.22E+08	1.22E+08	-	0	0
ENSG00000180136	SCARNA15	scaRNA	chr20	43304555	43304679	+	0	0
ENSG00000180137	Y_RNA	misc_RNA	chr14	58441844	58441992	+	0	0
ENSG00000180138	SNORA70	snoRNA	chr21	9907916	9908010	+	0	0
ENSG00000180139	snoZ6	snoRNA	chr19	44725984	44726058	-	0	0
ENSG00000180140	Y_RNA	misc_RNA	chr5	1.8E+08	1.8E+08	-	0	0
ENSG00000180141	SNORA25	snoRNA	chr12	31811088	31811190	+	0	0
ENSG00000180142	RNU6-764F	snRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000180143	RNU7-40P	snRNA	chr12	56352387	56352450	-	0	0
ENSG00000180144	RNA5SP36	rRNA	chr12	89726936	89727042	+	0	0

ENSG0000(RNU1-48P)	snRNA	chrY	18486511	18486672	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr8	68223318	68223402	-	0	0
ENSG0000(RNA5SP47)	rRNA	chr19	58363438	58363562	+	0	0
ENSG0000(RNU2-58P)	snRNA	chr17	59129276	59129458	-	0	0
ENSG0000(SNORA74)	snoRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(RNU6-542F)	snRNA	chr2	74319399	74319501	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr15	65502741	65502836	+	0	0
ENSG0000(SCARNA15)	scaRNA	chr6	43544144	43544270	+	0	0
ENSG0000(MIR892C)	miRNA	chrX	1.46E+08	1.46E+08	-	0	0
ENSG0000(RNU6-977F)	snRNA	chr12	83021890	83021992	+	0	0
ENSG0000(RNU7-13P)	snRNA	chr1	1.85E+08	1.85E+08	-	0	0
ENSG0000(RNU6-104F)	snRNA	chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(RNU4ATAC)	snRNA	chr9	33174170	33174295	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr22	36440880	36440970	-	0	0
ENSG0000(SNORA48)	snoRNA	chr6	30132805	30132966	-	0	0
ENSG0000(SNORD111)	snoRNA	chr19	34637696	34637781	-	0	0
ENSG0000(RNA5SP67)	rRNA	chr1	1.74E+08	1.74E+08	+	0	0
ENSG0000(RN7SKP25)	misc_RNA	chr4	1.4E+08	1.4E+08	-	0	0
ENSG0000(SNORA26)	snoRNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(RNU4-54P)	snRNA	chr12	28319335	28319463	-	0	0
ENSG0000(SNORA31)	snoRNA	chr2	4827001	4827084	-	0	0
ENSG0000(RNU7-115F)	snRNA	chr17	64825765	64825819	-	0	0
ENSG0000(RNU6-412F)	snRNA	chr4	46531237	46531342	-	0	0
ENSG0000(RNU7-3P)	snRNA	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(RNA5SP92)	rRNA	chr2	33332898	33333007	+	0	0
ENSG0000(RNU6-70P)	snRNA	chr13	27343687	27343746	-	0	0
ENSG0000(SNORA18)	snoRNA	chr6	93879106	93879229	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr2	69334600	69334692	+	0	0
ENSG0000(RNU6-687F)	snRNA	chr10	54452423	54452511	-	0	0
ENSG0000(Y_RNA)	misc_RNA	chr1	8328067	8328179	+	0	0
ENSG0000(RNU2-35P)	snRNA	chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(RN7SKP26)	misc_RNA	chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(SNORA70)	snoRNA	chr18	3025434	3025566	-	0	0
ENSG0000(RNA5SP49)	rRNA	chr1	63186336	63186450	-	0	0
ENSG0000(RNA5SP46)	rRNA	chr18	77863464	77863567	-	0	0
ENSG0000(RNA5SP26)	rRNA	chr8	32192028	32192153	-	0	0
ENSG0000(RNA5SP61)	rRNA	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(RNU6-659F)	snRNA	chr14	70496107	70496210	+	0	0
ENSG0000(RNU7-153F)	snRNA	chr8	14319455	14319516	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr4	5426885	5426984	-	0	0
ENSG0000(RNA5SP49)	rRNA	chr22	26390667	26390776	-	0	0
ENSG0000(RNA5SP41)	rRNA	chr16	35751828	35751935	+	0	0
ENSG0000(RNU4ATAC)	snRNA	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(RNU6-111C)	snRNA	chr16	58384442	58384542	-	0	0
ENSG0000(RNA5SP47)	rRNA	chr19	29001670	29001775	+	0	0

ENSG0000(RNU6-426F) snRNA	chr21	16035413	16035509	-	0	0
ENSG0000(SCARNA24) scaRNA	chr17	72818836	72818972	-	0	4.65
ENSG0000(RNU7-192F) snRNA	chr4	1.89E+08	1.89E+08	-	0	0
ENSG0000(SNORD116) snoRNA	chr15	25108268	25108352	+	0	0
ENSG0000(RNU6-406F) snRNA	chr17	43445507	43445613	+	0	0
ENSG0000(RNU6-108E) snRNA	chr1	2.45E+08	2.45E+08	+	0	0
ENSG0000(Vault) misc_RNA	chr17	28061967	28062068	+	0	0
ENSG0000(SNORA108) snoRNA	chr18	58600631	58600698	+	0	0
ENSG0000(RNA5SP24) rRNA	chr13	19088487	19088581	+	0	0
ENSG0000(RNU6-966F) snRNA	chr15	44973558	44973661	+	0	0
ENSG0000(RNA5SP51) rRNA	chrY	10092875	10092993	-	0	0
ENSG0000(SNORA25) snoRNA	chr1	2.38E+08	2.38E+08	-	0	0
ENSG0000(SNORA31) snoRNA	chrX	6061644	6061749	-	0	0
ENSG0000(RN7SKP23) misc_RNA	chr10	85650012	85650260	-	0	0
ENSG0000(RNU6-589F) snRNA	chrX	1.03E+08	1.03E+08	-	0	0
ENSG0000(SNORA25) snoRNA	chrX	1E+08	1E+08	+	0	0
ENSG0000(RNU6-875F) snRNA	chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(RNA5SP13) rRNA	chr3	63545440	63545535	+	0	0
ENSG0000(RNA5SP14) rRNA	chr3	1.77E+08	1.77E+08	+	0	0
ENSG0000(SNORA74) snoRNA	chr17	14177131	14177310	+	0	0
ENSG0000(RNA5SP15) rRNA	chr4	9411178	9411253	-	0	0
ENSG0000(RNU1-103F) snRNA	chr16	85781775	85781899	-	0	0
ENSG0000(RN7SKP21) misc_RNA	chr14	36231555	36231774	-	0	0
ENSG0000(RNA5SP28) rRNA	chr9	32293558	32293692	+	0	0
ENSG0000(RNA5SP52) rRNA	chrY	17557864	17557976	+	0	0
ENSG0000(RNY4) misc_RNA	chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	2.4E+08	2.4E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr18	8720034	8720132	-	0	0
ENSG0000(RNU6-320F) snRNA	chrX	1.37E+08	1.37E+08	+	0	0
ENSG0000(RN7SKP83) misc_RNA	chr2	85820435	85820612	-	0	0
ENSG0000(RN7SKP24) misc_RNA	chr4	88583666	88583972	-	0	0
ENSG0000(RNU6-184F) snRNA	chrY	16336283	16336389	-	0	0
ENSG0000(RNU6-103E) snRNA	chr18	21879801	21879904	+	0	0
ENSG0000(SNORD116) snoRNA	chr15	25097663	25097754	+	0	0
ENSG0000(Vault) misc_RNA	chr17	35097560	35097657	-	0	0
ENSG0000(SCARNA16) scaRNA	chr11	12904817	12904988	-	0	0
ENSG0000(RNU6-911F) snRNA	chr7	1.39E+08	1.39E+08	+	0	0
ENSG0000(RNU6-964F) snRNA	chr2	2.3E+08	2.3E+08	-	0	0
ENSG0000(RNU6-1337) snRNA	chr19	58483749	58483843	-	0	0
ENSG0000(RNU6-62P) snRNA	chr13	95019235	95019336	+	0	0
ENSG0000(RNA5SP14) rRNA	chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(SNORA31) snoRNA	chr5	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-503F) snRNA	chr1	75538015	75538119	-	0	0
ENSG0000(RNU6-1061) snRNA	chr16	71563430	71563528	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr5	10292041	10292148	-	0	0

ENSG00000172230	RNA5SP16	rRNA	chr4	93820171	93820280	+	0	0
ENSG00000172231	RNU2-34P	snRNA	chr4	1.83E+08	1.83E+08	+	0	0
ENSG00000172232	RNA5SP12	rRNA	chr2	2.28E+08	2.28E+08	-	0	0
ENSG00000172233	RNU6-104f	snRNA	chr14	23259460	23259566	-	0	0
ENSG00000172234	RNU6-125f	snRNA	chr3	1.02E+08	1.02E+08	+	0	0
ENSG00000172235	SNORA31	snoRNA	chr17	19662000	19662090	+	0	0
ENSG00000172236	RPPH1-3P	ribozyme	chr4	1.57E+08	1.57E+08	-	0	0
ENSG00000172237	RNU6ATAC	snRNA	chr11	1.31E+08	1.31E+08	+	0	0
ENSG00000172238	SNORA40	snoRNA	chr17	69355133	69355218	-	0	0
ENSG00000172239	RNU7-25P	snRNA	chr18	3093568	3093629	+	0	0
ENSG00000172240	RN7SKP28	misc_RNA	chr11	43435132	43435397	-	0	0
ENSG00000172241	Y_RNA	misc_RNA	chr1	1.74E+08	1.74E+08	+	0	0
ENSG00000172242	RN7SKP13	misc_RNA	chr8	63609354	63609600	-	0	0
ENSG00000172243	RNU6-118f	snRNA	chr11	62815966	62816067	-	0	0
ENSG00000172244	RNU6-506f	snRNA	chr4	1.39E+08	1.39E+08	-	0	0
ENSG00000172245	RNU7-43P	snRNA	chr17	8511125	8511188	+	0	0
ENSG00000172246	RNA5SP36	rRNA	chr12	41658676	41658793	+	0	0
ENSG00000172247	RNA5SP36	rRNA	chr12	1.01E+08	1.01E+08	+	0	0
ENSG00000172248	Y_RNA	misc_RNA	chr20	5113993	5114083	-	0	0
ENSG00000172249	RNA5SP43	rRNA	chr1	37264677	37264786	-	0	0
ENSG00000172250	RNU7-51P	snRNA	chr14	83048579	83048640	+	0	0
ENSG00000172251	RNA5SP43	rRNA	chr17	34120056	34120167	-	0	0
ENSG00000172252	RNU6-725f	snRNA	chr1	2.38E+08	2.38E+08	-	0	0
ENSG00000172253	RNU6-358f	snRNA	chr5	31820564	31820638	-	0	0
ENSG00000172254	Y_RNA	misc_RNA	chr7	14010669	14010763	-	0	0
ENSG00000172255	RNA5SP39	rRNA	chr15	50463381	50463498	+	0	0
ENSG00000172256	RNU6-504f	snRNA	chrX	51870706	51870809	-	0	0
ENSG00000172257	RNU6-314f	snRNA	chr17	16098704	16098807	+	0	0
ENSG00000172258	RNU6-68P	snRNA	chr13	46410454	46410557	+	0	0
ENSG00000172259	RNU6-101g	snRNA	chr20	41684986	41685091	-	0	0
ENSG00000172260	RNU5F-4P	snRNA	chr12	31594093	31594206	-	0	0
ENSG00000172261	RNU6-638f	snRNA	chr17	78696694	78696797	-	0	0
ENSG00000172262	RNU6-100g	snRNA	chr12	1.22E+08	1.22E+08	+	0	0
ENSG00000172263	RNU6-100i	snRNA	chr2	88414898	88415004	-	0	0
ENSG00000172264	RN7SKP19	misc_RNA	chr1	2.37E+08	2.37E+08	+	0	0
ENSG00000172265	RNU5A-4P	snRNA	chr13	33829539	33829649	-	0	0
ENSG00000172266	Y_RNA	misc_RNA	chr3	32045873	32045979	+	0	0
ENSG00000172267	RNU6-129i	snRNA	chr14	51522864	51522967	+	0	0
ENSG00000172268	RNU4ATAC	snRNA	chr10	28652630	28652755	+	0	0
ENSG00000172269	SCARNA16	scaRNA	chr1	9082696	9082879	+	0	0
ENSG00000172270	RNU7-183f	snRNA	chr1	1.85E+08	1.85E+08	+	0	0
ENSG00000172271	SNORD38	snoRNA	chr19	3521248	3521320	-	0	0
ENSG00000172272	SCARNA21	scaRNA	chr3	41687868	41688033	-	0	0
ENSG00000172273	RNU5B-3P	snRNA	chr3	45034474	45034588	-	0	0
ENSG00000172274	RNU6-108g	snRNA	chrX	35594173	35594273	+	0	0

ENSG0000(Y_RNA	misc_RNA	chr22	37013225	37013319	+	0	0
ENSG0000(RNU7-121F	snRNA	chr1	39723566	39723627	-	0	0
ENSG0000(RNU6-100F	snRNA	chr2	64578892	64578997	+	0	0
ENSG0000(RNU6-101I	snRNA	chr12	73679188	73679296	-	0	0
ENSG0000(RNU6-885F	snRNA	chr10	42832447	42832550	-	0	0
ENSG0000(RNU7-179F	snRNA	chr1	15608078	15608145	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	61739127	61739229	-	0	0
ENSG0000(RNU6-106I	snRNA	chr12	31802958	31803090	-	0	0
ENSG0000(RNA5SP47I	rRNA	chr20	18433842	18433944	+	0	0
ENSG0000(RNU6-229F	snRNA	chr7	69401202	69401303	-	0	0
ENSG0000(RNA5SP38I	rRNA	chr14	49552633	49552748	+	0	0
ENSG0000(SNORA18	snoRNA	chr15	34597458	34597558	-	0	0
ENSG0000(RNU1-107F	snRNA	chrY	25723342	25723495	+	0	0
ENSG0000(SNORD67	snoRNA	chr11	46758766	46758873	-	0	0
ENSG0000(RNA5SP28I	rRNA	chr9	72299720	72299838	-	0	0
ENSG0000(RNU7-29P	snRNA	chr1	26602369	26602432	-	0	0
ENSG0000(RNU6-124I	snRNA	chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(SNORA31	snoRNA	chr1	67102645	67102779	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr2	62726636	62726740	-	0	0
ENSG0000(RNA5SP45I	rRNA	chr18	55146546	55146645	-	0	0
ENSG0000(SNORD45	snoRNA	chr10	12415928	12416000	+	0	0
ENSG0000(SNORA64	snoRNA	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(SNORA62	snoRNA	chr16	69785994	69786113	-	0	0
ENSG0000(RNU6-344F	snRNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG0000(RNU6-405F	snRNA	chr17	16691798	16691907	+	0	0
ENSG0000(SNORA63	snoRNA	chr1	37884237	37884317	+	0	0
ENSG0000(RNU6-139F	snRNA	chr3	62814382	62814491	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr1	32286452	32286561	-	0	0
ENSG0000(RNA5SP16I	rRNA	chr4	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU6-107F	snRNA	chr2	2.33E+08	2.33E+08	+	0	0
ENSG0000(MIR2114	miRNA	chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(RNA5SP43I	rRNA	chr17	4056756	4056876	-	0	0
ENSG0000(RNU7-65P	snRNA	chr6	49344800	49344861	-	0	0
ENSG0000(SNORA68	snoRNA	chr5	1.59E+08	1.59E+08	+	0	0
ENSG0000(SNORA27	snoRNA	chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(RNU6-635F	snRNA	chr4	1.04E+08	1.04E+08	+	0	0
ENSG0000(SNORA43	snoRNA	chr16	28881480	28881607	-	0	0
ENSG0000(RNU6-113F	snRNA	chr21	17431547	17431647	+	0	0
ENSG0000(RN7SKP70	misc_RNA	chr5	1.79E+08	1.79E+08	-	1.28	2.23
ENSG0000(MIR2115	miRNA	chr3	48316360	48316459	-	0	0
ENSG0000(RNU6-347F	snRNA	chr20	51902291	51902395	+	0	0
ENSG0000(RNU2-57P	snRNA	chrY	5019076	5019266	+	0	0
ENSG0000(RNU7-160F	snRNA	chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(RNU6-551F	snRNA	chr4	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-521F	snRNA	chrY	7423054	7423158	-	0	0

ENSG0000(SNORA67	snoRNA	chr2	39283657	39283791	-	0	0
ENSG0000(RNU6-539F	snRNA	chr14	49839725	49839827	+	0	0
ENSG0000(RNU6-133Z	snRNA	chr15	44962830	44962933	+	0	0
ENSG0000(RNA5SP30)	rRNA	chr10	31259599	31259704	+	0	0
ENSG0000(RNU6-719F	snRNA	chr7	39768341	39768444	+	0	0
ENSG0000(SCARNA13	scaRNA	chr14	95533355	95533629	-	0.86	0.47
ENSG0000(RNU7-22P	snRNA	chr10	32173684	32173744	+	0	0
ENSG0000(RNU6-117E	snRNA	chr17	20894532	20894638	-	0	0
ENSG0000(RN7SKP49	misc_RNA	chr1	2.24E+08	2.24E+08	-	0	0
ENSG0000(Vault	misc_RNA	chr2	2.06E+08	2.06E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chrX	27252119	27252235	-	0	0
ENSG0000(RNY4P20	misc_RNA	chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU6-197F	snRNA	chr4	56288485	56288584	-	0	0
ENSG0000(RN7SKP66	misc_RNA	chr2	43772120	43772350	-	0	0
ENSG0000(RNU1-142F	snRNA	chrX	26790142	26790286	+	0	0
ENSG0000(RNU6-126F	snRNA	chr11	78133420	78133522	-	0	0
ENSG0000(RNA5SP33	rRNA	chr13	79389534	79389631	-	0	0
ENSG0000(RPPH1-2P	ribozyme	chr14	64909488	64909780	-	0	0
ENSG0000(RNU6-101E	snRNA	chr6	75644084	75644177	+	0	0
ENSG0000(RNU6-63P	snRNA	chr13	27488138	27488232	+	0	0
ENSG0000(RNU4-77P	snRNA	chr1	2.33E+08	2.33E+08	-	0	0
ENSG0000(RNU6-531F	snRNA	chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(SNORA70	snoRNA	chr8	33540040	33540137	+	0	0
ENSG0000(RNU6-180F	snRNA	chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(RNU7-81P	snRNA	chr2	54850289	54850352	+	0	0
ENSG0000(RNU4ATAC	snRNA	chr13	92059844	92059969	+	0	0
ENSG0000(RNA5SP27)	rRNA	chr8	72357728	72357815	+	0	0
ENSG0000(RNA5SP55	rRNA	chr1	1.17E+08	1.17E+08	-	0	0
ENSG0000(RNA5SP20)	rRNA	chr6	32078508	32078628	-	0	0
ENSG0000(RNU1-128F	snRNA	chrY	17789003	17789162	-	0	0
ENSG0000(RNU7-53P	snRNA	chr5	1.3E+08	1.3E+08	-	0	0
ENSG0000(RNU6-117I	snRNA	chr1	1.49E+08	1.49E+08	+	0	0
ENSG0000(RNA5SP82	rRNA	chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(SNORD59	snoRNA	chr2	1.95E+08	1.95E+08	-	0	0
ENSG0000(RNU6-783F	snRNA	chr11	23849778	23849882	+	0	0
ENSG0000(RNU5D-2P	snRNA	chr9	1.32E+08	1.32E+08	+	0	0
ENSG0000(RNU6-267F	snRNA	chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(SNORA70	snoRNA	chr16	50151642	50151731	-	0	0
ENSG0000(RNU6-965F	snRNA	chr1	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNU7-193F	snRNA	chr10	43458065	43458129	+	0	0
ENSG0000(RNU6-572F	snRNA	chr5	1.39E+08	1.39E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	60748940	60749046	-	0	0
ENSG0000(RNA5SP25)	rRNA	chr8	12333644	12333693	-	0	0
ENSG0000(SNORA31	snoRNA	chr10	16005808	16005923	+	0	0

ENSG0000(RNA5SP46) rRNA	chr19	453134	453245	+	0	0
ENSG0000(RNU6-919F) snRNA	chr20	49794811	49794914	+	0	0
ENSG0000(SNORD36C) snoRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(RNU6-1282) snRNA	chr4	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNU6-362F) snRNA	chr17	75031097	75031186	+	0	0
ENSG0000(RNA5SP46) rRNA	chr19	12070164	12070271	+	0	0
ENSG0000(RNU7-149F) snRNA	chr4	98966815	98966873	-	0	0
ENSG0000(RNU6-759F) snRNA	chr20	35647328	35647430	-	0	0
ENSG0000(SNORA25) snoRNA	chr13	1.06E+08	1.06E+08	-	0	0
ENSG0000(RNU6-307F) snRNA	chr1	1.75E+08	1.75E+08	+	0	0
ENSG0000(RNA5SP73) rRNA	chr1	1.9E+08	1.9E+08	-	0	0
ENSG0000(RNU6-861F) snRNA	chr6	1.29E+08	1.29E+08	-	0	0
ENSG0000(RNU6-567F) snRNA	chr18	60018625	60018731	+	0	0
ENSG0000(RNU6-256F) snRNA	chr11	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNU6-914F) snRNA	chr8	98192205	98192313	-	5.97	10.05
ENSG0000(RNU4-18P) snRNA	chr6	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNU1-125F) snRNA	chr16	3069523	3069651	+	0	0
ENSG0000(RNU6-922F) snRNA	chr3	23613661	23613759	-	0	0
ENSG0000(RNA5SP45) rRNA	chr1	41466937	41467028	-	0	0
ENSG0000(RNU7-28P) snRNA	chr11	9843815	9843876	-	0	0
ENSG0000(RNU6-1155) snRNA	chr16	53443228	53443332	-	0	0
ENSG0000(RNU5B-6P) snRNA	chr10	1.09E+08	1.09E+08	-	0	0
ENSG0000(SCARNA20) scaRNA	chr17	60231516	60231646	-	0	0
ENSG0000(RNU6-135F) snRNA	chr1	23163953	23164053	+	0	0
ENSG0000(SNORA31) snoRNA	chr9	26796173	26796304	-	0	0
ENSG0000(RNU6-1098) snRNA	chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(SNORA31) snoRNA	chr9	1.31E+08	1.31E+08	-	0	0
ENSG0000(MIR514B) miRNA	chrX	1.47E+08	1.47E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	27752874	27752986	+	0	0
ENSG0000(RNA5SP42) rRNA	chr16	35754923	35755033	+	0	0
ENSG0000(RNU7-143F) snRNA	chr7	23450658	23450722	+	0	0
ENSG0000(RNA5SP46) rRNA	chr19	17972025	17972117	+	0	0
ENSG0000(RNU6-1224) snRNA	chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RNU6-656F) snRNA	chr8	46831050	46831156	+	0	0
ENSG0000(RN7SKP82) misc_RNA	chr4	42892396	42892618	+	0	0
ENSG0000(RNU7-137F) snRNA	chr20	18095571	18095632	-	0	0
ENSG0000(RNA5SP46) rRNA	chr18	72751952	72752051	+	0	0
ENSG0000(RNU6-566F) snRNA	chr2	44154789	44154895	-	0	0
ENSG0000(SNORA18) snoRNA	chr5	29070496	29070610	+	0	0
ENSG0000(RNU6ATAC) snRNA	chr22	41722043	41722131	-	0	0
ENSG0000(RNU2-44P) snRNA	chr4	1.55E+08	1.55E+08	+	0	0
ENSG0000(RNU6-1150) snRNA	chr21	43996322	43996420	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr12	60341824	60341941	-	0	0
ENSG0000(RNU6-1191) snRNA	chr16	81106533	81106639	-	0	0
ENSG0000(RNU6-1121) snRNA	chr10	1.15E+08	1.15E+08	-	0	0

ENSG0000(Y_RNA	misc_RNA	chr1	1.85E+08	1.85E+08	+	0	0
ENSG0000(RNU6-807F	snRNA	chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNA5SP44:	rRNA	chr17	40374089	40374176	+	0	0
ENSG0000(RNU6-114	snRNA	chr21	42417497	42417593	-	0	0
ENSG0000(RNU6ATAC	snRNA	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr10	37303000	37303109	-	0	0
ENSG0000(RNU6-881F	snRNA	chr9	1.31E+08	1.31E+08	+	0	0
ENSG0000(RNA5SP48:	rRNA	chr20	32008351	32008472	+	0	0
ENSG0000(RNA5SP40:	rRNA	chr16	35735625	35735733	+	0	0
ENSG0000(RNU1-40P	snRNA	chrY	25928979	25929142	+	0	0
ENSG0000(RNU6-130	snRNA	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(RNU6-122F	snRNA	chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(RNU6-453F	snRNA	chr17	44307088	44307172	+	0	0
ENSG0000(RN7SKP28:	misc_RNA	chrY	7324297	7324595	-	0	0
ENSG0000(RN7SKP21:	misc_RNA	chr10	21785292	21785587	+	0	0
ENSG0000(RNU2-56P	snRNA	chr20	18265690	18265879	-	0	0
ENSG0000(RNU6-826F	snRNA	chr17	49036352	49036455	+	0	0
ENSG0000(RNA5SP26:	rRNA	chr8	67099302	67099425	+	0	0
ENSG0000(RNU2-24P	snRNA	chr10	27193358	27193500	-	0	0
ENSG0000(snoU109	snoRNA	chr16	68630851	68630968	-	0	0
ENSG0000(RNU6-678F	snRNA	chr3	1.34E+08	1.34E+08	+	0	0
ENSG0000(RNA5SP13:	rRNA	chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(RNU6-113	snRNA	chr7	1.03E+08	1.03E+08	+	0	0
ENSG0000(RNU7-30P	snRNA	chr14	91091077	91091138	+	0	0
ENSG0000(RNU7-111F	snRNA	chr15	89897576	89897637	+	0	0
ENSG0000(RNA5SP41:	rRNA	chr16	35751574	35751684	+	0	0
ENSG0000(RNA5SP48:	rRNA	chr20	31356870	31356978	+	0	0
ENSG0000(RNA5SP75	rRNA	chr1	2.05E+08	2.05E+08	-	0	0
ENSG0000(RNU6-557F	snRNA	chr3	73092148	73092257	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr11	43331261	43331356	+	0	0
ENSG0000(RNA5SP44:	rRNA	chr17	66267743	66267848	+	0	0
ENSG0000(RNU7-6P	snRNA	chr20	51904969	51905030	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	89650793	89650903	-	0	0
ENSG0000(RN7SKP88	misc_RNA	chr1	1.49E+08	1.49E+08	-	0	0
ENSG0000(SNORA70	snoRNA	chr17	29777619	29777744	+	0	0
ENSG0000(RNU6-786F	snRNA	chr6	1.58E+08	1.58E+08	+	0	0
ENSG0000(RNU6-108	snRNA	chr12	1.2E+08	1.2E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr12	62935701	62935802	+	0	0
ENSG0000(RNU6-782F	snRNA	chr19	15145215	15145318	+	0	0
ENSG0000(RNA5SP52:	rRNA	chrY	18348035	18348147	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	10337277	10337386	+	0	0
ENSG0000(RNA5SP42:	rRNA	chr16	35754555	35754688	+	0	0
ENSG0000(RNA5SP10:	rRNA	chr2	1.25E+08	1.25E+08	+	0	0
ENSG0000(SNORA81	snoRNA	chr18	21711950	21712119	-	0	0

ENSG0000(RNA5SP44) rRNA	chr18	9844717	9844846	-	0	0
ENSG0000(RNU1-97P) snRNA	chrY	23740942	23741105	-	0	0
ENSG0000(SNORD59) snoRNA	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(RNU6ATAC) snRNA	chr5	76948791	76948870	+	0	0
ENSG0000(RNU6-928F) snRNA	chr17	66638271	66638374	+	0	0
ENSG0000(RNU6-1234) snRNA	chr14	29811916	29812018	+	0	0
ENSG0000(RNU6-579F) snRNA	chr2	1.33E+08	1.33E+08	+	0	0
ENSG0000(SNORA20) snoRNA	chrY	16138248	16138379	-	0	0
ENSG0000(SCARNA15) processed_scaRNA	chr15	82752884	82757208	+	0.46	0.43
ENSG0000(SCARNA18) scaRNA	chr1	26006216	26006299	+	0	0
ENSG0000(SNORD60) snoRNA	chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(SNORA40) snoRNA	chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(MIR2276) miRNA	chr13	24162416	24162504	+	0	0
ENSG0000(RNA5SP34) rRNA	chr13	90135712	90135841	-	0	0
ENSG0000(RN7SKP20) misc_RNA	chr6	87083233	87083536	+	0	0
ENSG0000(SNORA21) snoRNA	chr17	38851524	38851659	-	0	0
ENSG0000(RNU7-110F) snRNA	chr3	33414150	33414211	+	0	0
ENSG0000(RN7SKP27) misc_RNA	chr7	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNU6-175F) snRNA	chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RNU11-2P) snRNA	chr17	12036496	12036637	-	0	0
ENSG0000(RNU6-295F) snRNA	chr8	48307927	48308030	-	0	0
ENSG0000(RN7SKP11) misc_RNA	chr6	47715283	47715601	+	0	0
ENSG0000(SCARNA14) scaRNA	chr15	66347207	66347342	-	0	0
ENSG0000(RNU6-1198) snRNA	chr7	73507208	73507274	+	0	0
ENSG0000(RNA5SP39) rRNA	chr15	40331537	40331648	-	8.34	0
ENSG0000(RN7SKP26) misc_RNA	chr2	2.06E+08	2.06E+08	-	0	0
ENSG0000(RNU6-352F) snRNA	chr1	1.02E+08	1.02E+08	+	0	0
ENSG0000(RNU6-612F) snRNA	chr2	60719640	60719741	+	0	0
ENSG0000(SNORA18) snoRNA	chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000(RNU6-1258) snRNA	chr14	93437400	93437510	-	0	0
ENSG0000(RNU6-798F) snRNA	chr9	97192923	97193025	-	0	0
ENSG0000(SCARNA20) scaRNA	chr15	75121536	75121666	-	0	0
ENSG0000(RNU6-677F) snRNA	chr9	37333857	37333957	-	0	0
ENSG0000(SNORA70) snoRNA	chr9	39892446	39892540	+	0	0
ENSG0000(RNU6-765F) snRNA	chr9	38680006	38680104	+	0	0
ENSG0000(RNA5SP94) rRNA	chr2	59694762	59694869	+	0	0
ENSG0000(SCARNA11) scaRNA	chr12	8597509	8597640	+	0	0
ENSG0000(RNU6-971F) snRNA	chr17	43473585	43473690	+	0	0
ENSG0000(RNU6-980F) snRNA	chr19	53732981	53733083	-	0	0
ENSG0000(RNU6-528F) snRNA	chr8	33338867	33338966	+	0	0
ENSG0000(RNU7-151F) snRNA	chr4	1.03E+08	1.03E+08	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	1.28E+08	1.28E+08	-	0	0
ENSG0000(RNU6-850F) snRNA	chr6	31756951	31757053	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RNA5SP14) rRNA	chr3	1.43E+08	1.43E+08	-	0	0

ENSG0000(RNU6-273F) snRNA	chr14	37187219	37187314	+	0	0
ENSG0000(RNA5SP36) rRNA	chr12	88051701	88051778	+	0	0
ENSG0000(RNU7-116F) snRNA	chr14	63736444	63736505	+	0	0
ENSG0000(RNU7-70P) snRNA	chr1	1.13E+08	1.13E+08	-	0	0
ENSG0000(RNU6-143F) snRNA	chr3	1.24E+08	1.24E+08	+	0	0
ENSG0000(RNU6-210F) snRNA	chr1	93010257	93010351	+	0	0
ENSG0000(RNU6-703F) snRNA	chr8	98048856	98048962	+	0	0
ENSG0000(RNU6-577F) snRNA	chr2	36867398	36867495	-	0	0
ENSG0000(RN7SKP96) misc_RNA	chr4	86336318	86336614	-	0	0
ENSG0000(RNU6-445F) snRNA	chr9	74857675	74857781	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr2	2.01E+08	2.01E+08	-	0	0
ENSG0000(RNA5SP54) rRNA	chr1	1.11E+08	1.11E+08	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr6	30932618	30932709	-	0	0
ENSG0000(SNORA31) snoRNA	chr4	81928313	81928439	+	0	0
ENSG0000(RNU2-31P) snRNA	chr3	1.6E+08	1.6E+08	-	0	0
ENSG0000(RNU6-109I) snRNA	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(SCARNA16) scaRNA	chr1	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU6-255F) snRNA	chrY	19018983	19019087	-	0	0
ENSG0000(RNU6-250F) snRNA	chr6	40407853	40407955	+	0	0
ENSG0000(RNU6-856F) snRNA	chr3	52551846	52551943	-	0	0
ENSG0000(RNU6-943F) snRNA	chr11	7889182	7889279	-	0	0
ENSG0000(RNU7-4P) snRNA	chr12	68911921	68911982	+	0	0
ENSG0000(RNU6-714F) snRNA	chr9	92820977	92821079	+	0	0
ENSG0000(SNORA48) snoRNA	chr15	64342539	64342698	+	0	0
ENSG0000(RNU4ATAC) snRNA	chr11	1.22E+08	1.22E+08	+	0	0
ENSG0000(SCARNA24) scaRNA	chr1	28689665	28689794	+	0	0
ENSG0000(SCARNA20) scaRNA	chr11	8555016	8555146	+	0	0
ENSG0000(RNU6-182F) snRNA	chr2	1.72E+08	1.72E+08	-	0	0
ENSG0000(RNA5SP47) rRNA	chr19	31655356	31655461	-	0	0
ENSG0000(RNU6-341F) snRNA	chr14	58292293	58292388	-	0	0
ENSG0000(RNU6-835F) snRNA	chr14	87996345	87996448	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	63338263	63338372	+	0	0
ENSG0000(SNORD19) snoRNA	chr3	52688890	52688962	+	0	0
ENSG0000(RN7SKP60) misc_RNA	chr5	1.66E+08	1.66E+08	+	0	0
ENSG0000(RNU6-56P) snRNA	chr13	38779424	38779516	+	0	0
ENSG0000(RNU7-11P) snRNA	chr4	39621012	39621073	+	0	0
ENSG0000(RN7SKP27) misc_RNA	chr1	89987713	89987944	-	0	0
ENSG0000(SCARNA6) scaRNA	chr16	21587627	21587864	+	0	0
ENSG0000(SCARNA20) scaRNA	chr14	63479272	63479413	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr1	26593940	26594041	-	0	0
ENSG0000(RNU6-958F) snRNA	chr2	43408307	43408412	+	0	0
ENSG0000(RNA5SP42) rRNA	chr16	35754046	35754182	+	0	0
ENSG0000(RNU6-100I) snRNA	chr2	1.7E+08	1.7E+08	-	0	0
ENSG0000(RNU6-345F) snRNA	chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(RN7SKP2) misc_RNA	chr13	40407122	40407440	-	0	0

ENSG0000(RN7SKP23: misc_RNA	chr16	76287630	76287739	+	0	0
ENSG0000(RNU6-410F snRNA	chr4	55031965	55032071	-	0	0
ENSG0000(RNA5SP33: rRNA	chr11	21383801	21383909	-	0	0
ENSG0000(Y_RNA misc_RNA	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(RNU6-388F snRNA	chr7	33001950	33002054	-	0	0
ENSG0000(Y_RNA misc_RNA	chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(RNU6-148F snRNA	chr12	89754059	89754152	+	0	0
ENSG0000(SNORA48 snoRNA	chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNU1-92P snRNA	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RN7SKP11 misc_RNA	chr12	96427200	96427486	-	0.78	1.72
ENSG0000(RNA5SP13: rRNA	chr3	68882967	68883091	+	0	0
ENSG0000(5S_rRNA rRNA	chr1	1.43E+08	1.43E+08	+	0	0
ENSG0000(RNU6-121: snRNA	chr10	19792998	19793101	-	0	0
ENSG0000(RNA5SP18: rRNA	chr5	76091708	76091801	-	0	0
ENSG0000(SCARNA21 scaRNA	chr17	7906122	7906260	+	0	0
ENSG0000(RN7SKP99 misc_RNA	chr14	57837354	57837660	-	0	0
ENSG0000(RNU6-419F snRNA	chr14	73246818	73246880	-	0	0
ENSG0000(SNORA44 snoRNA	chr1	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNA5SP10: rRNA	chr2	96956708	96956815	-	0	0
ENSG0000(RNU2-46P snRNA	chr9	95859904	95860016	+	0	0
ENSG0000(RNA5SP23: rRNA	chr7	44125752	44125873	-	0	0
ENSG0000(RNU1-117F snRNA	chr12	88581639	88581796	+	0	0
ENSG0000(SNORA31 snoRNA	chr8	1.17E+08	1.17E+08	+	0	0
ENSG0000(RN7SKP5 misc_RNA	chr13	46249942	46250213	+	0	0
ENSG0000(RNA5SP50: rRNA	chrX	48206258	48206374	+	0	0
ENSG0000(RNU6-389F snRNA	chr7	55685977	55686081	+	0	0
ENSG0000(RNU6-127: snRNA	chr12	76139567	76139671	+	0	0
ENSG0000(RNU6-375F snRNA	chr22	41168217	41168316	+	0	0
ENSG0000(RNU6-570F snRNA	chr1	2E+08	2E+08	+	0	0
ENSG0000(RNU6-448F snRNA	chr5	84196883	84196989	+	0	0
ENSG0000(RNU6-118: snRNA	chr12	1.02E+08	1.02E+08	-	0	0
ENSG0000(RNA5SP27: rRNA	chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(RNA5SP24: rRNA	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(RNU6-909F snRNA	chr5	28624657	28624763	+	0	0
ENSG0000(snoZ278 snoRNA	chr15	29233868	29233979	+	0	0
ENSG0000(ACA59 snoRNA	chr11	1.15E+08	1.15E+08	-	0	0
ENSG0000(RNU7-188F snRNA	chr7	96377857	96377920	+	0	0
ENSG0000(Y_RNA misc_RNA	chr11	47820200	47820289	-	0	0
ENSG0000(RNA5SP31: rRNA	chr10	47532352	47532467	+	0	0
ENSG0000(RN7SKP98 misc_RNA	chr1	2.12E+08	2.12E+08	-	0	0
ENSG0000(RNU6-334F snRNA	chr5	1.05E+08	1.05E+08	-	0	0
ENSG0000(RNU6-113: snRNA	chr17	43395993	43396091	-	0	0
ENSG0000(RNU6-121: snRNA	chr8	80405516	80405609	+	0	0
ENSG0000(RN7SKP19: misc_RNA	chr12	1.2E+08	1.2E+08	-	0	0
ENSG0000(RNU6-430F snRNA	chr16	89443318	89443424	+	0	0

ENSG0000(SNORA31	snoRNA	chr10	76835377	76835502	-	0	0
ENSG0000(RNU6-123	snRNA	chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(RNU6-699	snRNA	chr4	66897262	66897371	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr6	89898283	89898392	-	0	0
ENSG0000(RNU6-548	snRNA	chr2	64994746	64994860	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr3	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNU6-685	snRNA	chr2	82268612	82268706	+	0	0
ENSG0000(RNU6-109	snRNA	chr4	1.73E+08	1.73E+08	-	0	0
ENSG0000(RNU6-303	snRNA	chrY	4174985	4175090	-	0	0
ENSG0000(RNA5SP34	rRNA	chr11	71845196	71845245	-	0	0
ENSG0000(RNU6-894	snRNA	chrX	31348192	31348296	+	0	0
ENSG0000(SNORA76	snoRNA	chr5	65961183	65961319	-	0	0
ENSG0000(RNA5SP33	rRNA	chr11	8845263	8845358	+	0	0
ENSG0000(SCARNA3	scaRNA	chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(RNU6-100	snRNA	chr5	17240611	17240715	+	0	0
ENSG0000(RNU6-201	snRNA	chr22	31837238	31837298	+	0	0
ENSG0000(RNU6-158	snRNA	chr4	48932755	48932854	-	0	0
ENSG0000(RNU6-789	snRNA	chr3	1.37E+08	1.37E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr21	39344537	39344628	+	0	0
ENSG0000(RNU6-762	snRNA	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(SNORA74	snoRNA	chr12	42347061	42347214	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	49592236	49592337	-	0	0
ENSG0000(SNORA31	snoRNA	chr1	1.53E+08	1.53E+08	-	0	0
ENSG0000(RNU6-365	snRNA	chr11	41122907	41123012	-	0	0
ENSG0000(SCARNA16	scaRNA	chr2	1.97E+08	1.97E+08	-	0	0
ENSG0000(RNA5SP40	rRNA	chr16	9600097	9600228	+	0	0
ENSG0000(RNU6-64P	snRNA	chr13	30281765	30281869	+	0	0
ENSG0000(RNU6-218	snRNA	chr7	6057500	6057604	+	0	0
ENSG0000(RNU6-101	snRNA	chrX	1.13E+08	1.13E+08	+	0	0
ENSG0000(RNU6-231	snRNA	chr15	85821855	85821957	+	0	0
ENSG0000(RNU6-122	snRNA	chr19	1616492	1616595	-	0	0
ENSG0000(RNU7-172	snRNA	chr2	54166944	54167007	-	0	0
ENSG0000(RNU6-122	snRNA	chr8	78398515	78398622	-	0	0
ENSG0000(RNA5SP42	rRNA	chr16	35755177	35755285	+	0	0
ENSG0000(RNU6-127	snRNA	chr3	73241789	73241896	-	0	0
ENSG0000(RNA5SP34	rRNA	chr11	47804296	47804402	-	0	0
ENSG0000(RNA5SP29	rRNA	chr9	99145840	99145966	-	0	0
ENSG0000(RNU6-264	snRNA	chr9	19073843	19073946	+	0	0
ENSG0000(RNU6-897	snRNA	chr6	1.05E+08	1.05E+08	+	0	0
ENSG0000(snoU83B	snoRNA	chr14	50844625	50844712	+	0	0
ENSG0000(SCARNA1	scaRNA	chr1	27834401	27834566	+	0	0
ENSG0000(RNU6-131	snRNA	chrY	26360989	26361092	+	0	0
ENSG0000(RNA5SP49	rRNA	chr21	32563075	32563210	+	0	0
ENSG0000(RNA5SP16	rRNA	chr4	1.48E+08	1.48E+08	-	0	0
ENSG0000(RNU6-58P	snRNA	chr13	23217432	23217534	-	0	0

ENSG0000(RNU6-232F) snRNA	chr3	1.25E+08	1.25E+08	+	0	0
ENSG0000(RNU4ATAC) snRNA	chr4	72965178	72965303	+	0	0
ENSG0000(RNA5SP40) rRNA	chr1	9437669	9437778	-	0	0
ENSG0000(RNA5SP40) rRNA	chr15	1E+08	1E+08	-	0	0
ENSG0000(RNA5SP17) rRNA	chr4	1.66E+08	1.66E+08	-	0	0
ENSG0000(RN7SKP25) misc_RNA	chr9	18651147	18651450	+	0	0
ENSG0000(RNU6-993F) snRNA	chr19	2503047	2503141	-	0	0
ENSG0000(RN7SKP14) misc_RNA	chr21	20356653	20356896	+	0	0
ENSG0000(RNA5SP40) rRNA	chr15	86138269	86138379	-	0	0
ENSG0000(Y_RNA) misc_RNA	chr3	1.26E+08	1.26E+08	-	0	0
ENSG0000(SNORA70) snoRNA	chr1	12221148	12221271	-	0	0
ENSG0000(RNA5SP15) rRNA	chr4	39936753	39936855	+	0	0
ENSG0000(RNU6-105) snRNA	chr17	20290257	20290358	+	0	0
ENSG0000(RNU6-102) snRNA	chr19	19232855	19232947	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr4	39710085	39710176	-	0	0
ENSG0000(RNA5SP70) rRNA	chr1	1.82E+08	1.82E+08	+	0	0
ENSG0000(RN7SKP18) misc_RNA	chrX	20452108	20452431	+	0	0
ENSG0000(RNU6-165) snRNA	chr19	53766534	53766632	-	0	0
ENSG0000(RNU6-367) snRNA	chr3	44071087	44071186	+	0	0
ENSG0000(RN7SKP23) misc_RNA	chr3	1.74E+08	1.74E+08	+	0	0
ENSG0000(RNU7-35P) snRNA	chr7	43194421	43194482	+	0	0
ENSG0000(RNU6-844) snRNA	chr15	57405074	57405175	-	0	0
ENSG0000(SNORD116) snoRNA	chr9	1.26E+08	1.26E+08	+	0	0
ENSG0000(RNA5SP66) rRNA	chr1	1.69E+08	1.69E+08	+	0	0
ENSG0000(RNU6-111) snRNA	chr2	73298683	73298787	+	0	0
ENSG0000(SNORA31) snoRNA	chr3	1.01E+08	1.01E+08	+	0	0
ENSG0000(RNU1-54P) snRNA	chr6	39620345	39620464	-	0	0
ENSG0000(RNU6-107) snRNA	chr9	1001858	1001963	-	0	0
ENSG0000(SCARNA11) scaRNA	chr11	1.17E+08	1.17E+08	+	0	0
ENSG0000(SNORA25) snoRNA	chr10	92076242	92076365	+	0	0
ENSG0000(RNU6-123) snRNA	chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000(RNU6-667) snRNA	chr15	79817349	79817450	-	0	0
ENSG0000(RNU6-131) snRNA	chr12	2954240	2954338	-	0	0
ENSG0000(RNU6-889) snRNA	chr10	2098167	2098269	+	0	0
ENSG0000(RNA5SP38) rRNA	chr14	20090130	20090227	+	0	0
ENSG0000(RNU1-45P) snRNA	chr4	1.78E+08	1.78E+08	-	0	0
ENSG0000(RN7SKP10) misc_RNA	chr4	1.64E+08	1.64E+08	-	0	0
ENSG0000(RNU6-126) snRNA	chr14	34675891	34675994	+	0	0
ENSG0000(RNU6-176) snRNA	chr1	28142737	28142841	-	0	0
ENSG0000(RN7SKP28) misc_RNA	chr2	2.29E+08	2.29E+08	-	0	0
ENSG0000(SNORA76) snoRNA	chr22	33704786	33704920	-	0	0
ENSG0000(MIR2355) miRNA	chr2	2.07E+08	2.07E+08	-	0	0
ENSG0000(RN7SKP25) misc_RNA	chr6	53415294	53415607	-	0	0
ENSG0000(SNORA31) snoRNA	chr4	1.86E+08	1.86E+08	+	0	0
ENSG0000(RN7SKP64) misc_RNA	chr5	1.39E+08	1.39E+08	-	0	0

ENSG0000(Y_RNA	misc_RNA	chr12	38274448	38274549	-	0	0
ENSG0000(RN7SKP35	misc_RNA	chr4	1.52E+08	1.52E+08	+	0	0
ENSG0000(RN7SKP40	misc_RNA	chr3	1.75E+08	1.75E+08	+	0	0
ENSG0000(RNU6-902F	snRNA	chr19	44085213	44085303	-	0	0
ENSG0000(RNU6-731F	snRNA	chr1	6540854	6540964	+	0	0
ENSG0000(RNU7-156F	snRNA	chr5	1.44E+08	1.44E+08	-	0	0
ENSG0000(RNU6-1238	snRNA	chr11	67395210	67395311	-	0	0
ENSG0000(RNU2-12P	snRNA	chr1	1.76E+08	1.76E+08	-	0	0
ENSG0000(RNU6-464F	snRNA	chr6	53153795	53153898	-	0	0
ENSG0000(SNORA70	snoRNA	chr19	44764950	44765100	+	0	0
ENSG0000(SNORA31	snoRNA	chr7	52269437	52269569	-	0	0
ENSG0000(MIR2116	miRNA	chr15	59171183	59171262	-	0	0
ENSG0000(RNA5SP29	rRNA	chr9	1.04E+08	1.04E+08	-	0	0
ENSG0000(RNU6-299F	snRNA	chr5	56125671	56125770	+	0	0
ENSG0000(RNU4ATAC	snRNA	chr11	1.22E+08	1.22E+08	+	0	0
ENSG0000(RNU6-706F	snRNA	chr18	39034007	39034110	+	0	0
ENSG0000(RNA5SP47	rRNA	chr1	44932323	44932431	+	0	0
ENSG0000(RNA5SP45	rRNA	chr18	42270589	42270715	+	0	0
ENSG0000(SNORA31	snoRNA	chr9	1.01E+08	1.01E+08	+	0	0
ENSG0000(SNORA70	snoRNA	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(RNU7-181F	snRNA	chr8	1.3E+08	1.3E+08	-	0	0
ENSG0000(SNORA40	snoRNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG0000(RNU4-60P	snRNA	chr19	42472875	42473009	+	0	0
ENSG0000(SNORA43	snoRNA	chr3	3102913	3103015	+	0	0
ENSG0000(SNORA31	snoRNA	chr13	45336314	45336447	-	0	0
ENSG0000(RN7SKP28	misc_RNA	chr12	53816185	53816479	+	0	0
ENSG0000(RNU7-77P	snRNA	chr10	35135443	35135502	+	0	0
ENSG0000(RNA5SP41	rRNA	chr16	35750061	35750175	+	0	0
ENSG0000(RNU7-128F	snRNA	chr3	48180328	48180389	+	0	0
ENSG0000(RN7SKP57	misc_RNA	chr5	1.12E+08	1.12E+08	-	0	0
ENSG0000(RNA5SP43	rRNA	chr17	31963805	31963933	-	0	0
ENSG0000(SNORA31	snoRNA	chr14	35756327	35756463	+	0	0
ENSG0000(SCARNA20	scaRNA	chr1	1.72E+08	1.72E+08	+	0	0
ENSG0000(RNU6-494F	snRNA	chr12	32477382	32477471	-	0	0
ENSG0000(RNU6-711F	snRNA	chr17	29424762	29424867	-	0	0
ENSG0000(SNORA40	snoRNA	chr5	1.68E+08	1.68E+08	-	0	0
ENSG0000(RNU6-709F	snRNA	chr10	1.14E+08	1.14E+08	+	0	0
ENSG0000(snoZ6	snoRNA	chr5	1.32E+08	1.32E+08	+	0	0
ENSG0000(RNU6-794F	snRNA	chr10	35231331	35231394	-	0	0
ENSG0000(snoMBII-2C	snoRNA	chr11	15481808	15481893	-	0	0
ENSG0000(RN7SKP29	misc_RNA	chr5	83685866	83686018	+	0	0
ENSG0000(RNU6-586F	snRNA	chr1	67196140	67196243	+	0	0
ENSG0000(RN7SKP92	misc_RNA	chr14	1E+08	1E+08	+	0	0
ENSG0000(RNA5SP16	rRNA	chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(RNU6-111	snRNA	chr2	37435510	37435608	-	0	0

ENSG00000100000	NRON	misc_RNA	chr9	1.26E+08	1.26E+08	-	0	0
ENSG00000100000	RNA5SP37	rRNA	chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	RNU4ATAC	snRNA	chr3	8364529	8364648	-	0	0
ENSG00000100000	RNA5SP10	rRNA	chr2	1.48E+08	1.48E+08	-	0	0
ENSG00000100000	RNU6-840F	snRNA	chr17	35093909	35093973	+	0	0
ENSG00000100000	SCARNA11	scaRNA	chr1	13696070	13696199	-	0	0
ENSG00000100000	RNU6-537F	snRNA	chr1	11152350	11152452	+	0	0
ENSG00000100000	RNU6-1174	snRNA	chr3	1.35E+08	1.35E+08	-	0	0
ENSG00000100000	Y_RNA	misc_RNA	chr7	1.52E+08	1.52E+08	+	0	0
ENSG00000100000	RNU1-104F	snRNA	chr12	1.27E+08	1.27E+08	+	0	0
ENSG00000100000	SNORA73	snoRNA	chr6	1.08E+08	1.08E+08	-	0	0
ENSG00000100000	SNORA81	snoRNA	chr3	1.83E+08	1.83E+08	+	0	0
ENSG00000100000	RNA5SP17	rRNA	chr5	16853994	16854114	+	0	0
ENSG00000100000	SNORD36	snoRNA	chr13	22803145	22803224	+	0	0
ENSG00000100000	Y_RNA	misc_RNA	chr14	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	RNU2-19P	snRNA	chr1	2.06E+08	2.06E+08	+	0	0
ENSG00000100000	RNU7-161F	snRNA	chr5	40911067	40911128	-	0	0
ENSG00000100000	RNU2-60P	snRNA	chr11	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	RP11-219J	lincRNA	chr8	25685798	25687524	+	0	0
ENSG00000100000	RP1-117B1	antisense	chr17	50396438	50397888	+	0	0.3
ENSG00000100000	LINC01609	lincRNA	chr8	1.11E+08	1.11E+08	-	0.96	0.18
ENSG00000100000	RP11-855C	sense_intr	chr5	22139247	22141468	-	0	0
ENSG00000100000	KB-1448A5	lincRNA	chr8	96371865	96387438	-	0	0.1
ENSG00000100000	RP11-158K	antisense	chr8	1.24E+08	1.24E+08	+	0.4	0.47
ENSG00000100000	CTD-2544L	processed	chr8	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	RP1-84O15	lincRNA	chr8	34228439	34346731	+	0	0
ENSG00000100000	RPL12P22	processed	chr5	1.74E+08	1.74E+08	-	0	0
ENSG00000100000	CTB-78H18	lincRNA	chr5	1.72E+08	1.72E+08	+	0	0
ENSG00000100000	RP11-136C	lincRNA	chr8	1.25E+08	1.26E+08	+	0	0
ENSG00000100000	CTD-2373N	antisense	chr8	30596914	30597532	+	0	0
ENSG00000100000	RP11-550I	processed	chr8	54696398	54697127	+	0	0
ENSG00000100000	RP11-6I2.4	lincRNA	chr8	74103516	74106744	+	0	0
ENSG00000100000	RP11-648L	lincRNA	chr8	58091442	58106294	-	0	0
ENSG00000100000	OC90	protein_co	chr8	1.32E+08	1.32E+08	-	0	0
ENSG00000100000	RP11-700E	processed	chr8	92351912	92352148	-	0	0
ENSG00000100000	HNRNPA3P	processed	chr5	1.54E+08	1.54E+08	-	0.31	0
ENSG00000100000	IGLV2-34	IG_V_pseu	chr22	22580014	22580296	+	0	0
ENSG00000100000	RP11-659E	antisense	chr8	63024372	63025294	+	0	0
ENSG00000100000	RP11-238I	lincRNA	chr8	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	RP11-527N	processed	chr8	37326575	37331984	-	0	0.02
ENSG00000100000	TRAPP2P2	processed	chr8	71448811	71449219	-	0	0
ENSG00000100000	RP11-459E	processed	chr8	22690150	22798616	+	0.38	0.04
ENSG00000100000	IGLVI-56	IG_V_pseu	chr22	22198560	22199011	+	0	0
ENSG00000100000	IGKV2D-36	IG_V_pseu	chr2	89887022	89887247	+	0	0
ENSG00000100000	CTD-3023L	lincRNA	chr8	8561391	8569688	+	0	0

ENSG0000(IGHV7-56 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(IGHV3-62 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-360L:antisense chr8	41534155	41578368	-	0	0
ENSG0000(CTC-436K1 lincRNA chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-589C processed_ chr8	42128774	42129249	-	0	0
ENSG0000(RP11-509P processed_ chr8	84678798	84679842	+	0	0
ENSG0000(LINC00967 lincRNA chr8	66192093	66197315	+	0	0
ENSG0000(RP11-17A4 lincRNA chr8	56536758	56540497	-	0.13	0
ENSG0000(RP11-567J: lincRNA chr8	48515852	48517089	-	0	0
ENSG0000(CTB-164N1 lincRNA chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(RP11-87E2 sense_intr chr8	22895434	22897813	-	0	0
ENSG0000(RP11-333A lincRNA chr8	70471112	70480623	-	0	0
ENSG0000(RP11-281C processed_ chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(CIR1P1 processed_ chr5	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-369E lincRNA chr8	20953127	20968904	+	0	0
ENSG0000(RGS21 protein_co chr1	1.92E+08	1.92E+08	+	0	0
ENSG0000(IGHVII-28-: IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGLV3-17 IG_V_pseu chr22	22738944	22739187	+	0	0
ENSG0000(KB-1562D1 processed_ chr8	1.02E+08	1.02E+08	-	0	0
ENSG0000(CTA-392E5 lincRNA chr8	85839705	85951083	+	0	0
ENSG0000(CTB-47B11 processed_ chr5	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-58O3 processed_ chr8	1.12E+08	1.12E+08	-	0	0
ENSG0000(IGKV3-31 IG_V_pseu chr2	89252211	89252736	-	0	0
ENSG0000(PCDHGA12 protein_co chr5	1.41E+08	1.42E+08	+	18.18	18.64
ENSG0000(RP11-1113 processed_ chr8	39309909	39310443	-	0	0
ENSG0000(LINC01605 lincRNA chr8	37421341	37554183	-	0.78	1.2
ENSG0000(RP11-279L: sense_intr chr8	3373353	3375226	-	0	0
ENSG0000(RP11-443C lincRNA chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-563N lincRNA chr8	20350210	20372769	+	0	0
ENSG0000(CTD-2309H lincRNA chr8	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP11-585F unprocessε chr8	202660	202897	-	0	0
ENSG0000(WASHC5-A antisense chr8	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-326L: antisense chr8	17703988	17706187	+	0	0
ENSG0000(IGHVII-65-: IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-431J: lincRNA chr4	97120701	97135059	+	0	0
ENSG0000(CTB-118P1 antisense chr8	87974165	88019113	+	0	0
ENSG0000(CTC-209H2 antisense chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-152C processed_ chr8	70103798	70104179	-	0	0
ENSG0000(RP11-360L: antisense chr8	41540381	41545044	-	0	0
ENSG0000(RP11-267N processed_ chr8	94565036	94565715	+	0	0
ENSG0000(RP11-1149 processed_ chr8	27838477	27840382	+	0	0
ENSG0000(RP11-100L: lincRNA chr8	92668836	92679594	+	0	0
ENSG0000(RP11-404E unprocessε chr8	20551201	20551405	+	0	0
ENSG0000(CALCP unprocessε chr11	14907518	14907986	+	0	0
ENSG0000(RP11-410L: processed_ chr8	99003407	99003842	-	0.74	0.41

ENSG00000100000	RP11-863K antisense	chr8	37717579	37733756	+	0	0
ENSG00000100000	RP11-486M lincRNA	chr8	29548171	29564341	+	0	0
ENSG00000100000	RP4-701O1 processed	chr7	1.4E+08	1.4E+08	+	0.22	0.36
ENSG00000100000	RP11-13N1 lincRNA	chr8	16604255	16664879	+	0	0
ENSG00000100000	RP11-726G unprocessed	chr8	43253732	43254089	+	0	0
ENSG00000100000	HOXA10-A1 antisense	chr7	27168619	27171915	+	0	0
ENSG00000100000	TRBV6-7 TR_V_gene	chr7	1.42E+08	1.42E+08	+	0	0
ENSG00000100000	RP11-158A lincRNA	chr8	6036433	6036974	-	0	0
ENSG00000100000	AC084082. lincRNA	chr8	66112667	66115207	+	0	0
ENSG00000100000	IGKV1D-32 IG_V_pseudogene	chr2	89928422	89928867	+	0	0
ENSG00000100000	RP11-351A antisense	chr6	1.19E+08	1.19E+08	+	0	0
ENSG00000100000	RP11-359P unprocessed	chr8	43542076	43544057	+	0	0
ENSG00000100000	RP11-706C antisense	chr8	1.43E+08	1.43E+08	+	0	0
ENSG00000100000	CTD-3239E antisense	chr8	92882984	92965645	+	0	0
ENSG00000100000	RP11-643N processed	chr8	43674270	43674591	-	0	0
ENSG00000100000	LINC02153 lincRNA	chr8	20973797	20995119	+	0	0
ENSG00000100000	RP11-582J1 antisense	chr8	22613908	22616657	-	1.78	1.46
ENSG00000100000	IGKV3-25 IG_V_pseudogene	chr2	89192500	89192752	-	0	0
ENSG00000100000	GUSBP3 transcribed	chr5	69639459	69679259	-	1.63	0.77
ENSG00000100000	RP5-1009N processed	chr8	30921060	30921335	+	0	0
ENSG00000100000	CTD-3046C lincRNA	chr8	63384839	63470205	-	0	0
ENSG00000100000	RP11-738G lincRNA	chr8	49536386	49554414	-	0	0
ENSG00000100000	RP11-67H2 lincRNA	chr8	1.14E+08	1.14E+08	+	0	0
ENSG00000100000	RP11-1G11 processed	chr8	26547669	26548463	+	0	0
ENSG00000100000	IGHV3-65 IG_V_pseudogene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000100000	RP11-809C antisense	chr8	1.41E+08	1.41E+08	-	2.53	1.22
ENSG00000100000	RP11-546B processed	chr5	1.71E+08	1.71E+08	+	0	0
ENSG00000100000	RP11-1149 lincRNA	chr8	81154279	81164599	+	0	0
ENSG00000100000	RP11-156K antisense	chr8	17882043	17882661	+	0	0
ENSG00000100000	RP11-744J1 processed	chr8	69446057	69446260	+	0	0
ENSG00000100000	KB-1991G8 lincRNA	chr8	1E+08	1E+08	+	0	0
ENSG00000100000	KLF3P1 processed	chr5	1.72E+08	1.72E+08	-	0	0
ENSG00000100000	KRT18P41 processed	chr5	1.7E+08	1.7E+08	-	0	0
ENSG00000100000	RP11-103H lincRNA	chr8	1.26E+08	1.27E+08	+	0	0
ENSG00000100000	RP11-409C processed	chr8	66984135	66986187	-	0	0.03
ENSG00000100000	PGAM5P1 processed	chr5	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	RP11-1057 processed	chr8	1.29E+08	1.29E+08	+	0	0
ENSG00000100000	HAUS1P3 processed	chr8	72618722	72619383	-	0	0
ENSG00000100000	RP11-383J1 lincRNA	chr8	1.24E+08	1.24E+08	+	0	0
ENSG00000100000	NRBF2P4 processed	chr8	1.08E+08	1.08E+08	+	0	0
ENSG00000100000	HIGD1AP6 processed	chr8	75302296	75302574	+	0	0
ENSG00000100000	LINC00599 lincRNA	chr8	9900064	9905366	-	0	0
ENSG00000100000	COX6CP8 processed	chr8	64331927	64332152	+	0	0
ENSG00000100000	RP11-359B processed	chr8	33523154	33523291	+	0	0
ENSG00000100000	KB-1582A1 processed	chr8	39867436	39867812	-	0	0

ENSG0000(I GLV2-5 IG_V_pseu chr22	22856762	22857038	+	0	0
ENSG0000(RP11-4341I lincRNA chr8	73368770	73369295	-	0	0
ENSG0000(LINC02143 lincRNA chr5	1.64E+08	1.64E+08	-	0	0
ENSG0000(RP11-775E processed_chr8	80351132	80351416	+	0	0
ENSG0000(RP11-941H lincRNA chr8	80266154	80339840	+	0	0
ENSG0000(I GLVI-70 IG_V_pseu chr22	22026076	22026593	+	0	0
ENSG0000(IGHV3-36 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGHV3-50 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(I GLVIV-64 IG_V_pseu chr22	22075366	22075666	+	0	0
ENSG0000(RP11-619L antisense chr5	1.74E+08	1.74E+08	-	0	0
ENSG0000(MTND1P3E processed_chr11	1.03E+08	1.03E+08	-	0.07	0
ENSG0000(IGHV3-76 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-149P lincRNA chr8	1.36E+08	1.36E+08	+	0	0
ENSG0000(C8orf88 protein_co chr8	90958637	90985257	-	3.7	4.14
ENSG0000(CTC-534A2 protein_co chr5	65624765	65630891	+	0.78	0.55
ENSG0000(RP11-10A1 lincRNA chr8	9180251	9182519	-	0	0
ENSG0000(CTB-11I22 antisense chr5	1.59E+08	1.59E+08	+	0	0
ENSG0000(MTND4P7 processed_chr8	13353401	13353530	-	0	0
ENSG0000(RP11-539E antisense chr8	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP11-737F sense_intrchr8	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-379I lincRNA chr8	59561327	59593701	-	0	0
ENSG0000(CTC-280C1 processed_chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP11-221H processed_chr8	5072645	5072869	-	0	0
ENSG0000(KB-1507C5 lincRNA chr8	1.03E+08	1.03E+08	+	0.27	0
ENSG0000(PCAT2 lincRNA chr8	1.27E+08	1.27E+08	-	0	0
ENSG0000(IGKV2-14 IG_V_pseu chr2	89078010	89078784	-	0	0
ENSG0000(RP11-128L lincRNA chr8	1.41E+08	1.41E+08	+	0	0.14
ENSG0000(DLGAP2-AS antisense chr8	1565509	1622417	-	0	0
ENSG0000(CTB-37A13 antisense chr5	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-1105 lincRNA chr8	19678572	19688934	+	0	0
ENSG0000(RP11-1059 processed_chr8	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-99A1 unprocesschr8	73831143	73831947	+	0	0
ENSG0000(IGHV1-67 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-566H lincRNA chr8	31497423	31498612	+	0	0
ENSG0000(CCDC71L protein_co chr7	1.07E+08	1.07E+08	-	31.01	27.49
ENSG0000(IGKV2-10 IG_V_pseu chr2	89019992	89020686	-	0	0
ENSG0000(LINC02209 lincRNA chr8	29921513	29953724	+	0	0
ENSG0000(RP11-618M lincRNA chr8	19254241	19257334	-	0	0
ENSG0000(RP11-716D processed_chr8	58255771	58272119	-	0	0
ENSG0000(KB-1410C5 lincRNA chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-146E processed_chr8	85086615	85087186	+	0	0
ENSG0000(RP11-282K sense_intrchr12	19147074	19154659	+	0	0
ENSG0000(CTD-2552K antisense chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-281N lincRNA chr8	71779605	71792875	-	0	0
ENSG0000(RP11-238K lincRNA chr8	1.38E+08	1.38E+08	-	0	0

ENSG0000(RP11-597M) unprocessed chr8	27903229	27903495	-	0	0
ENSG0000(TRBV7-7) TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(MIOXP1) processed chr8	86593755	86594589	-	0	0
ENSG0000(HOXA10) protein_co chr7	27170591	27180261	-	0.07	0
ENSG0000(IGHVII-40) IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-779C) antisense chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(CTB-160O2) sense_intr chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(LINC01845) lincRNA chr5	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-316J) processed chr8	1E+08	1E+08	-	0	0
ENSG0000(RP11-108E) lincRNA chr8	20655691	20700134	-	0	0
ENSG0000(LINC01606) lincRNA chr8	57142689	57240298	+	0	0
ENSG0000(STAU2-AS1) antisense chr8	73420004	73441526	+	0.08	0.15
ENSG0000(IGHVIII-82) IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(TMEM200) protein_co chr1	29119428	29123935	-	8.48	8.14
ENSG0000(PCDHGB6) protein_co chr5	1.41E+08	1.42E+08	+	0.48	0.46
ENSG0000(RP11-10J2) antisense chr8	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP1-170O1) lincRNA chr7	27239243	27241228	-	0	0
ENSG0000(SERPINE3) protein_co chr13	51335773	51364735	+	0	0
ENSG0000(IGHVIII-76) IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(LINC01847) lincRNA chr5	1.6E+08	1.6E+08	-	0	0
ENSG0000(RP11-359P) processed chr8	43251711	43251858	+	0	0
ENSG0000(C1orf210) protein_co chr1	43281883	43285617	-	0.04	0
ENSG0000(LINC00293) lincRNA chr8	46822237	46854307	+	0	0
ENSG0000(LINC01932) lincRNA chr5	1.59E+08	1.59E+08	+	0	0
ENSG0000(RP11-142A) lincRNA chr8	72196334	72202269	+	0.08	0
ENSG0000(TMCC1P1) processed chr8	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-359P) processed chr8	43511820	43512033	-	0	0
ENSG0000(AZIN1-AS1) antisense chr8	1.03E+08	1.03E+08	+	2.81	2.81
ENSG0000(RP11-61G2) lincRNA chr5	90353037	90356609	-	0	0
ENSG0000(RP11-388G) lincRNA chr8	57594166	57805029	-	0	0
ENSG0000(IGHV7-34) IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-261C) processed chr1	2.43E+08	2.43E+08	-	1.22	1.58
ENSG0000(RAD21-AS1) antisense chr8	1.17E+08	1.17E+08	+	0.06	0.03
ENSG0000(SUMO2P1) unprocessed chr8	1.02E+08	1.02E+08	-	0	0
ENSG0000(IGLV3-30) IG_V_pseu chr22	22618572	22619163	+	0	0
ENSG0000(RP11-697N) processed chr8	47511034	47512141	-	0.81	0.3
ENSG0000(CTC-207P7) lincRNA chr5	1.64E+08	1.64E+08	-	0	0
ENSG0000(KB-1582A1) processed chr8	39860219	39860525	+	0	0
ENSG0000(RP11-497H) unprocessed chr5	70495100	70500903	-	0	0
ENSG0000(RP13-923C) antisense chr8	81791823	81815714	+	0	0.18
ENSG0000(RP11-420B) antisense chr8	18989279	19000952	+	0	0
ENSG0000(RP11-468C) processed chr8	1.23E+08	1.23E+08	+	0	0.03
ENSG0000(IGLV3-29) IG_V_pseu chr22	22661299	22661542	+	0	0
ENSG0000(RP11-434I) lincRNA chr8	73358913	73362788	+	0	0
ENSG0000(RP11-139G) processed chr8	50859530	50860062	+	0	0

ENSG0000(RP11-730G processed_ chr8	74603244	74604244	-	0	0
ENSG0000(RP11-219J lincRNA chr8	25776679	25777456	+	0	0
ENSG0000(CTD-3023L lincRNA chr8	8555738	8560965	-	0	0
ENSG0000(RP11-346L antisense chr8	37626015	37674387	-	0	0
ENSG0000(IGHVII-22- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTD-3107M processed_ chr8	30331961	30332277	-	0	0
ENSG0000(CTD-2026D antisense chr17	47409322	47423526	-	0.14	0
ENSG0000(CTC-455F1 antisense chr5	1.71E+08	1.71E+08	-	0	0.27
ENSG0000(COX6B1P6 processed_ chr8	89823548	89823802	-	0	0
ENSG0000(LINC01298 lincRNA chr8	95207007	95216374	-	0	0
ENSG0000(TUG1 antisense chr22	30970677	30979395	+	50.28	51.58
ENSG0000(CTA-392C1 lincRNA chr8	40370028	40401848	+	0	0
ENSG0000(KB-1460A1 processed_ chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-90P5 antisense chr8	38148741	38163772	+	0	0
ENSG0000(CTB-78F1.2 sense_intr chr5	1.68E+08	1.68E+08	+	0	0
ENSG0000(GS1-251I9 antisense chr8	91016588	91018655	+	0	0
ENSG0000(IGHV3-37 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-675F lincRNA chr8	38543652	38552680	-	0	0
ENSG0000(RP11-120I2 unprocess chr8	84163449	84164564	-	0	0
ENSG0000(RP11-962G lincRNA chr8	36537391	36779164	-	0	0
ENSG0000(RP11-731F lincRNA chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGKV1D-22 IG_V_pseu chr2	90010741	90011184	+	0	0
ENSG0000(RP11-589F unprocess chr5	70751184	70795914	+	0	0
ENSG0000(IGHVIII-25- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(TRNP1 protein_co chr1	26993707	27000898	+	12.04	11.47
ENSG0000(RP11-1081 lincRNA chr8	53395211	53395946	-	0	0
ENSG0000(CTB-56J15 unprocess chr5	1.56E+08	1.56E+08	-	0	0
ENSG0000(RP11-587H lincRNA chr8	92500583	92509816	-	0	0
ENSG0000(RP11-44N1 sense_intr chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-21C1 lincRNA chr8	69175579	69178189	-	0	0
ENSG0000(RP11-257P antisense chr8	81521618	81533275	+	0	0
ENSG0000(RP11-44D1 lincRNA chr8	57889576	57890809	-	0	0
ENSG0000(RP11-566H lincRNA chr8	31275596	31384279	+	0	0
ENSG0000(RP11-1102 lincRNA chr8	71403440	71592025	-	0	0
ENSG0000(RP11-738G lincRNA chr8	49496763	49512180	-	0	0
ENSG0000(RP11-359E lincRNA chr8	40104169	40107935	+	0	0
ENSG0000(POU5F1P2 processed_ chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-116B processed_ chr8	73590574	73590883	+	0	0
ENSG0000(CTD-2547L processed_ chr8	18088569	18089687	-	0	0
ENSG0000(KB-1254G8 lincRNA chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(IGHVII-49- IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(IGHVIII-5-1 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-150C lincRNA chr8	37480089	37480809	+	0	0
ENSG0000(RP11-930P antisense chr8	41660991	41665566	+	0	0
ENSG0000(CTC-756D1 lincRNA chr8	23458601	23484971	+	0.22	0

ENSG0000(RP11-758H processed_ chr8	79520145	79520649	+	0	0
ENSG0000(AC006277. antisense chr19	2915146	2926807	-	0.25	0.55
ENSG0000(RANP9 processed_ chr8	33039523	33039793	+	0	0
ENSG0000(LINC00534 lincRNA chr8	90221488	90569318	+	0	0
ENSG0000(KB-1460A1 lincRNA chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-15G1 lincRNA chr8	41435298	41440419	+	0	0
ENSG0000(RP11-597N antisense chr8	27904481	27910310	+	0	0
ENSG0000(RP11-775B antisense chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(AC078852. sense_intron chr4	1358479	1359461	+	0	0
ENSG0000(RP11-337A lincRNA chr9	26801733	26805862	+	0	0
ENSG0000(VTA1P2 processed_ chr8	87575598	87576508	-	0	0
ENSG0000(RP11-348N antisense chr5	1.62E+08	1.62E+08	-	0	0
ENSG0000(AC034243. antisense chr5	1.39E+08	1.39E+08	-	0.12	0
ENSG0000(EVX1-AS antisense chr7	27241429	27247229	-	0	0
ENSG0000(AC012613. antisense chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-381I1 lincRNA chr8	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-231D antisense chr8	42233675	42271197	-	0.4	0
ENSG0000(TRBV7-4 TR_V_gene chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-539E transcribed chr8	1.23E+08	1.23E+08	+	0	0
ENSG0000(IGHVIII-13- IG_V_pseud chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-960H processed_ chr8	59760047	59760263	+	0	0
ENSG0000(RP11-150C sense_intron chr8	37516410	37517021	-	1.31	0.16
ENSG0000(RP11-44N1 processed_ chr8	98904603	98905671	-	0	0
ENSG0000(RP11-48D4 lincRNA chr8	76904591	76913399	+	0	0
ENSG0000(LINC02159 lincRNA chr5	1.61E+08	1.61E+08	-	0.26	0.31
ENSG0000(SNX18P27 processed_ chr8	43513643	43514421	+	0	0
ENSG0000(RP11-642D antisense chr8	1.06E+08	1.06E+08	-	0	0
ENSG0000(ZNHIT1P1 processed_ chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(CTB-47B8.4 processed_ chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-813B processed_ chr8	83200952	83202431	-	0	0
ENSG0000(CTC-436K1 lincRNA chr5	1.58E+08	1.58E+08	+	1.01	1.07
ENSG0000(HSPA8P13 unprocessed chr8	46549089	46550802	+	0	0
ENSG0000(RP11-10A1 lincRNA chr8	9151742	9168136	+	0.38	0.19
ENSG0000(RP11-103H lincRNA chr8	1.26E+08	1.26E+08	+	0	0
ENSG0000(LINC01942 lincRNA chr5	1.74E+08	1.74E+08	+	0	0
ENSG0000(KB-1090H4 processed_ chr8	94708952	94709244	-	0	0
ENSG0000(RP11-14I17 sense_intron chr8	26422593	26423929	+	0	0
ENSG0000(SRPK2P processed_ chr8	62863082	62864181	-	0	0
ENSG0000(RP11-324F lincRNA chr8	1.39E+08	1.39E+08	-	0	0
ENSG0000(NCRNA002 lincRNA chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-1101 lincRNA chr8	1.11E+08	1.12E+08	+	0	0
ENSG0000(IGKV2-4 IG_V_pseud chr2	88931666	88932380	-	0	0
ENSG0000(RNU6-988F snRNA chr8	38122374	38122480	+	0	0
ENSG0000(PCAT1 lincRNA chr8	1.27E+08	1.27E+08	+	0	0.06
ENSG0000(CDC42P5 processed_ chr5	1.73E+08	1.73E+08	-	0	0

ENSG0000(IGHV3-33-2 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGHV3-25 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC133633. lincRNA chr8	2493876	2512580	-	0	0
ENSG0000(CTB-79E8.2 antisense chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-619L antisense chr5	1.74E+08	1.74E+08	-	0	0
ENSG0000(IGLV3-6 IG_V_pseu chr22	22850375	22850624	+	0	0
ENSG0000(CTC-436K1 lincRNA chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(IGLV2-28 IG_V_pseu chr22	22664473	22664907	+	0	0
ENSG0000(RP11-473J lincRNA chr8	35862123	35970665	+	0	0
ENSG0000(NDUFA5P2 processed_ chr8	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-770E lincRNA chr8	48620465	48623895	+	0	0
ENSG0000(CTD-2363C antisense chr5	1.59E+08	1.59E+08	+	0	0
ENSG0000(SMIM18 protein_co chr8	30638600	30646064	+	0	0
ENSG0000(IGHVII-15-1 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGKV2OR2 IG_V_pseu chr22	16921443	16922173	-	0	0
ENSG0000(IGKV1-35 IG_V_pseu chr2	89286689	89286973	-	0	0
ENSG0000(IGHVIII-26- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(HMGB1P1 processed_ chr8	1.23E+08	1.23E+08	+	0.12	0
ENSG0000(IGHVIV-44- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGHV7-40 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(KB-1517D1 processed_ chr8	98412882	98413784	-	0	0
ENSG0000(CTC-264O1 lincRNA chr5	1.67E+08	1.67E+08	-	0	0
ENSG0000(RP11-697B lincRNA chr8	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-175E lincRNA chr8	23707141	23789487	+	0	0
ENSG0000(CTB-23I7.2 processed_ chr5	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-10H3 lincRNA chr8	49168539	49228925	+	0	0
ENSG0000(RP11-110G sense_intron chr8	51895957	51896374	-	0	0
ENSG0000(RP11-395I1 lincRNA chr8	25425521	25426580	-	0.83	0.15
ENSG0000(RP11-1C8.4 antisense chr8	1.03E+08	1.04E+08	-	0	0
ENSG0000(LINC01603 lincRNA chr8	69425035	69448244	-	0	0
ENSG0000(RP11-39H3 processed_ chr5	1.8E+08	1.8E+08	-	0	0
ENSG0000(IGKV1OR2 IG_V_pseu chr22	16933521	16934003	-	0	0
ENSG0000(IGHVII-26-2 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTC-756D1 processed_ chr8	23483016	23483534	-	0	0
ENSG0000(RP11-109P lincRNA chr8	49817586	49820944	-	0	0
ENSG0000(PCDHGA5 protein_co chr5	1.41E+08	1.42E+08	+	0.89	0.87
ENSG0000(IGKV2-36 IG_V_pseu chr2	89295233	89295455	-	0	0
ENSG0000(FAM60DP processed_ chr8	23634876	23635507	-	0	0
ENSG0000(RP11-114C lincRNA chr8	1.11E+08	1.11E+08	-	0	0
ENSG0000(LINC02099 lincRNA chr8	29748309	29798492	+	0.07	0.08
ENSG0000(IGHVII-30-1 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CDH12P3 unprocessed_ chr5	70132679	70132973	+	0	0
ENSG0000(RP11-89A1 processed_ chr8	64973488	64973848	-	0	0
ENSG0000(CYCSP23 processed_ chr8	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-13N1 lincRNA chr8	16676905	16915044	-	0	0

ENSG000001IGKV1-13 IG_V_pseu chr2	89045995	89046466	-	0	0
ENSG000001RP11-393K processed_ chr8	1.14E+08	1.14E+08	-	0	0
ENSG000001AF121898. antisense chr8	87540835	87755718	-	0.06	0
ENSG000001IGKV3D-34 IG_V_pseu chr2	89906757	89907246	+	0	0
ENSG000001ATP6V1G1 processed_ chr8	47194002	47194347	-	0	0
ENSG000001RP11-653B lincRNA chr8	82514568	82677153	-	0	0
ENSG000001MTCYBP19 unprocessε chr8	36277763	36278886	-	0	0
ENSG000001CTA-398F1 lincRNA chr8	8414690	8424632	-	0.15	0
ENSG000001NACA2 protein_co chr17	61590426	61591202	-	0	0
ENSG000001CTD-2501N lincRNA chr8	1.31E+08	1.31E+08	+	0	0
ENSG000001RP11-17001 lincRNA chr7	27186573	27193448	-	0	0
ENSG000001CTD-3080F sense_intrε chr8	41275115	41277003	-	0	0
ENSG000001RP5-991O2 lincRNA chr8	5506068	5509126	-	0	0
ENSG000001CTC-535M: processed_ chr5	1.66E+08	1.66E+08	-	0	0
ENSG000001RP11-6D1. antisense chr8	1.25E+08	1.25E+08	-	0	0
ENSG000001RP11-417F antisense chr2	46499731	46501278	+	0	0
ENSG000001HMGB1P4: processed_ chr8	80812142	80812581	-	0	0
ENSG000001XRCC6P4 processed_ chr8	62855068	62857134	-	0	0
ENSG000001AC106801. antisense chr5	1.58E+08	1.58E+08	+	0	0.03
ENSG000001RP11-798K processed_ chr5	1.8E+08	1.8E+08	-	0	0
ENSG000001HPYR1 lincRNA chr8	1.33E+08	1.33E+08	-	0	0
ENSG000001MIR3142H lincRNA chr5	1.6E+08	1.6E+08	+	0.29	0.21
ENSG000001RP11-1112 lincRNA chr8	58031334	58032682	-	0	0
ENSG000001RP11-89M: lincRNA chr8	36004316	36095046	-	0	0
ENSG000001CTD-2114J: processed_ chr8	91157285	91158748	+	0.04	0
ENSG000001RP11-152P lincRNA chr8	1.06E+08	1.06E+08	+	0	0
ENSG000001CTB-105L4. antisense chr5	1.67E+08	1.67E+08	-	0	0
ENSG000001RP11-347C processed_ chr8	94974573	94974853	-	0	0
ENSG000001RP11-103H lincRNA chr8	1.27E+08	1.27E+08	+	0	0
ENSG000001CTD-2340D sense_intrε chr8	99119352	99120581	+	0	0
ENSG000001TRBV6-8 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG000001RP11-624C antisense chr8	24295814	24912073	-	0	0
ENSG000001RP11-1174 processed_ chr5	71475761	71476316	-	0	0
ENSG000001PCDHGA7 protein_co chr5	1.41E+08	1.42E+08	+	3.08	3.41
ENSG000001CTB-32P11 lincRNA chr5	1.64E+08	1.64E+08	+	0	0
ENSG000001RP11-402L: antisense chr8	99796615	99799187	-	0	0
ENSG000001FAM86HP transcribec chr3	1.3E+08	1.3E+08	-	1.15	0.96
ENSG000001SEPT10P1 processed_ chr8	56476826	56477987	-	0	0
ENSG000001SDR16C6P transcribec chr8	56373064	56395365	-	0	0
ENSG000001RP11-89K1 processed_ chr8	1.27E+08	1.27E+08	-	0	0
ENSG000001C1GALT1P: processed_ chr8	61909984	61910802	-	0	0
ENSG000001IGHV3-52 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG000001IGLVVI-22: IG_V_pseu chr22	22700760	22700970	+	0	0
ENSG000001RP11-959F processed_ chr11	63046785	63048126	+	0	0
ENSG000001PYDC2 protein_co chr3	1.91E+08	1.91E+08	+	0	0

ENSG0000(CA3-AS1 antisense chr8	85441851	85464915	-	0	0
ENSG0000(RP11-115C processed_ chr8	6473845	6474288	-	0	0
ENSG0000(RP11-26M1 antisense chr8	52194362	52199580	+	0	0
ENSG0000(HOXA-AS2 antisense chr7	27107777	27134302	+	0	0
ENSG0000(RP11-586K antisense chr8	88326836	88737134	+	0.76	0.42
ENSG0000(RP11-32K4 antisense chr8	63687179	64368558	-	0	0
ENSG0000(RP11-16E1 unprocessε chr8	63136223	63138084	-	0	0
ENSG0000(MTCO1P4 processed_ chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-1080 lincRNA chr8	19084992	19259469	-	0	0
ENSG0000(CTD-2179L transcribed chr5	78041879	78044138	-	0	0
ENSG0000(OSGEPL1-A antisense chr2	1.9E+08	1.9E+08	+	0.42	0.28
ENSG0000(RP11-16P2 processed_ chr8	27697217	27697526	-	0	0
ENSG0000(CTD-2588J lincRNA chr8	1.34E+08	1.34E+08	+	0	0
ENSG0000(CTD-2340D antisense chr8	99091738	99094060	-	0	0
ENSG0000(NKX2-1-AS antisense chr14	36519278	36523016	+	0	0
ENSG0000(RP11-956J processed_ chr8	73215929	73216627	-	0	0
ENSG0000(RP11-181B antisense chr8	28447264	28455902	+	0	0
ENSG0000(RP11-386D processed_ chr8	86776479	86776638	-	0	0
ENSG0000(VENTXP5 processed_ chr8	33722305	33723079	-	0	0
ENSG0000(RNF5P1 processed_ chr8	38600661	38601200	-	0.67	0.4
ENSG0000(RP11-728L processed_ chr8	5848697	5849692	+	0	0
ENSG0000(RP11-107N lincRNA chr5	77942757	77946438	-	0	0
ENSG0000(RP11-351C lincRNA chr8	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-284H antisense chr8	1.4E+08	1.4E+08	+	0	0
ENSG0000(GS1-5L10.1 antisense chr8	91975908	91977418	+	0	0
ENSG0000(RP11-100L lincRNA chr8	92765702	92776451	+	0	0
ENSG0000(IGKV1-22 IG_V_pseu chr2	89170775	89171212	-	0	0
ENSG0000(SUMO2P1ε processed_ chr8	31131539	31131802	-	0	0
ENSG0000(TRMT10BP processed_ chr8	1.09E+08	1.09E+08	+	0	0
ENSG0000(CTD-2272D processed_ chr8	82979411	82979886	+	0	0
ENSG0000(RP11-649G antisense chr8	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-573J lincRNA chr8	63586000	63589408	+	0	0
ENSG0000(CTD-2374C lincRNA chr5	1.05E+08	1.05E+08	-	0	0
ENSG0000(KB-1184D1 lincRNA chr8	94097764	94104322	-	0	0
ENSG0000(RP11-723D sense_intrε chr8	38799643	38802296	+	0	0
ENSG0000(IGHV3-30-ε IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGLV3-13 IG_V_pseu chr22	22762294	22762516	+	0	0
ENSG0000(CTC-265N9 antisense chr5	1.71E+08	1.71E+08	-	0	0
ENSG0000(IGKV2-38 IG_V_pseu chr2	89309898	89310144	-	0	0
ENSG0000(RP11-157E lincRNA chr8	1.34E+08	1.34E+08	+	1.09	0.67
ENSG0000(LINC01300 antisense chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(CTD-2320C antisense chr8	74347757	74350050	-	0	0
ENSG0000(SLC10A5 protein_co chr8	81693607	81696174	-	0.15	0.09
ENSG0000(CTC-340A1 processed_ chr5	1.65E+08	1.65E+08	-	0	0
ENSG0000(RN7SL260F misc_RNA chr8	1.42E+08	1.42E+08	-	0	0

ENSG00000108380	CTA-397H3 antisense	chr8	56074592	56075274	+	0	0
ENSG00000108381	RP11-489E lincRNA	chr8	29905735	29908956	+	0	0
ENSG00000108382	HNRNPA1F processed	chr8	1.41E+08	1.41E+08	+	0	0
ENSG00000108383	AFG3L2P1 processed	chr8	43270198	43271960	-	0	0
ENSG00000108384	RP11-557C antisense	chr8	1.23E+08	1.23E+08	+	0	0
ENSG00000108385	RP11-770E antisense	chr8	48551567	48698510	+	0	0
ENSG00000108386	RP11-139F processed	chr8	36308245	36308364	+	0	0
ENSG00000108387	VN1R46P processed	chr8	43219960	43220809	-	0	0
ENSG00000108388	WBP1LP3 processed	chr8	155274	155481	+	0	0
ENSG00000108389	CTC-551A1 antisense	chr5	1.11E+08	1.11E+08	-	0	0
ENSG00000108390	RP11-513C lincRNA	chr8	57261226	57266613	+	0	0
ENSG00000108391	RP11-597N unprocessed	chr8	27903566	27903715	+	0	0
ENSG00000108392	RP11-875C antisense	chr8	23071377	23074488	-	0.81	0.56
ENSG00000108393	RP11-443C processed	chr5	1.79E+08	1.79E+08	-	0	0
ENSG00000108394	GRPEL2-AS antisense	chr5	1.49E+08	1.49E+08	-	0	0
ENSG00000108395	RP11-369K lincRNA	chr8	1.21E+08	1.21E+08	+	0	0
ENSG00000108396	AC144568. processed	chr8	64091	64320	-	0	0
ENSG00000108397	RPSAP74 processed	chr8	89243401	89243793	-	0	0
ENSG00000108398	RP11-654G sense_intron	chr8	1.17E+08	1.17E+08	+	0	0
ENSG00000108399	RP11-346I processed	chr8	66480648	66481486	+	0.08	0.17
ENSG00000108400	IGKV2-23 IG_V_pseudogene	chr2	89172022	89172553	-	0	0
ENSG00000108401	EIF5AL1 protein_coding	chr10	79512601	79516440	+	0.17	0.18
ENSG00000108402	RP11-513H lincRNA	chr8	1.34E+08	1.34E+08	-	0	0
ENSG00000108403	RP11-536N lincRNA	chr5	1.73E+08	1.73E+08	+	0	0
ENSG00000108404	KB-1107E3 antisense	chr8	1.02E+08	1.02E+08	+	0	0
ENSG00000108405	CTC-370J7. unprocessed	chr5	1.58E+08	1.58E+08	-	0	0
ENSG00000108406	IGLV7-35 IG_V_pseudogene	chr22	22450202	22450652	+	0	0
ENSG00000108407	RP11-486M lincRNA	chr8	29527312	29530323	+	0	0
ENSG00000108408	KB-1980E6 lincRNA	chr8	1.03E+08	1.03E+08	+	0.24	0.78
ENSG00000108409	RP11-587H lincRNA	chr8	92565443	92655494	-	0	0
ENSG00000108410	IGHVIII-67- IG_V_pseudogene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000108411	RP11-531A antisense	chr8	73052178	73063061	+	0.12	0.03
ENSG00000108412	IGLVV-58 IG_V_pseudogene	chr22	22182582	22182885	+	0	0
ENSG00000108413	CTC-369M processed	chr8	1.33E+08	1.33E+08	-	0	0
ENSG00000108414	SUMO2P1 processed	chr8	97858049	97858947	-	0	0
ENSG00000108415	LINCR-0001 lincRNA	chr8	10474565	10481974	+	0	0
ENSG00000108416	RP11-317N lincRNA	chr8	33604856	34039008	+	0	0
ENSG00000108417	RP11-561E antisense	chr8	24490312	24514829	-	0	0
ENSG00000108418	KB-1930G5 lincRNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG00000108419	CTD-2544N antisense	chr8	38970360	38973011	-	0	0
ENSG00000108420	CTD-2311A processed	chr5	1.55E+08	1.55E+08	-	0	0
ENSG00000108421	CTD-2270F antisense	chr5	1.7E+08	1.7E+08	+	0	0
ENSG00000108422	RP11-77B2 lincRNA	chr8	15973315	16000324	+	0	0
ENSG00000108423	PRSS51 protein_coding	chr8	10482878	10547585	-	0	0
ENSG00000108424	SMARCE1P processed	chr8	37095150	37095390	+	0	0

ENSG0000(SOD1P3 processed_ chr8	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-798K lincRNA chr5	1.8E+08	1.8E+08	-	0	0
ENSG0000(CTC-248O1 antisense chr5	1.57E+08	1.57E+08	-	0	0
ENSG0000(CTD-2210A processed_ chr8	48294026	48294694	-	0	0
ENSG0000(IGJP1 processed_ chr8	84980073	84980547	-	0	0
ENSG0000(KB-1568E2 lincRNA chr8	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-25P1 processed_ chr8	1.09E+08	1.09E+08	+	0	0
ENSG0000(LINC01592 lincRNA chr8	68911803	69104190	-	0	0
ENSG0000(RP11-1114 lincRNA chr8	79297717	79314471	+	0	0
ENSG0000(CTC-353G1 antisense chr5	1.68E+08	1.68E+08	-	0	0
ENSG0000(ZFHX4-AS1 antisense chr8	76491200	76683278	-	0.69	1.07
ENSG0000(NPM1P52 processed_ chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-401H antisense chr8	51257688	51321118	+	0	0
ENSG0000(RP11-359E lincRNA chr8	40114651	40127468	+	0	0
ENSG0000(KB-1615E4 antisense chr8	1E+08	1.01E+08	+	0	0
ENSG0000(RP11-30L1 processed_ chr8	53971231	53974210	+	0	0
ENSG0000(RP11-463C processed_ chr8	53712697	53712896	+	0	0
ENSG0000(KB-1732A1 lincRNA chr8	1.03E+08	1.03E+08	+	0.28	0.41
ENSG0000(RP11-429C processed_ chr8	25141394	25141968	-	0	0
ENSG0000(RP11-806C processed_ chr8	17808941	17820868	+	0	0
ENSG0000(RP11-536K lincRNA chr8	1.16E+08	1.16E+08	-	0	0
ENSG0000(CTC-436K1 lincRNA chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(IGHVII-78-IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTD-3118D antisense chr8	86098965	86154225	-	0	0
ENSG0000(TAGLN2P1 processed_ chr8	1.07E+08	1.07E+08	-	0	0.13
ENSG0000(UBE2HP1 processed_ chr8	81254870	81255229	+	0	0
ENSG0000(RP11-981G lincRNA chr8	10477491	10479375	-	0	0
ENSG0000(KB-1410C5 lincRNA chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-59O2 processed_ chr8	85617344	85617512	-	0	0
ENSG0000(RP11-115I sense_intr chr8	76576551	76579345	-	0	0
ENSG0000(RP11-700E lincRNA chr8	92403545	92413645	-	0	0
ENSG0000(CTB-79E8.3 processed_ chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(BUD31P1 processed_ chr8	33641581	33641939	-	0	0
ENSG0000(MTND5P41 unprocess chr8	36279491	36279696	-	0	0
ENSG0000(LINC01484 lincRNA chr5	1.74E+08	1.74E+08	-	0	0
ENSG0000(CTC-348L5 antisense chr5	1.61E+08	1.61E+08	+	0	0
ENSG0000(RP11-567J lincRNA chr8	48551527	48556441	-	0.33	0.12
ENSG0000(RP11-380I antisense chr8	28250063	28339255	-	0	0
ENSG0000(IGKV2OR2 IG_V_pseu chr22	16914235	16914981	-	0	0
ENSG0000(IGHEP1 IG_C_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTC-535M lincRNA chr5	1.65E+08	1.66E+08	+	0.09	0
ENSG0000(RP11-177H antisense chr8	10840576	10846501	+	0	0
ENSG0000(KBTBD11-C lincRNA chr8	1971397	1976478	+	0	0
ENSG0000(RP11-1081 unprocess chr8	9658295	9658438	-	0	0
ENSG0000(RP11-1259 antisense chr5	1.78E+08	1.78E+08	+	0	0

ENSG0000(CTD-3118D antisense	chr8	86180418	86212236	+	0	0
ENSG0000(AL928768.: lincRNA	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-567J: lincRNA	chr8	48597458	48621018	-	0.26	0
ENSG0000(IGHV1-68 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-267M lincRNA	chr8	94553722	94569745	+	0.19	0.07
ENSG0000(RP11-758M antisense	chr8	74798784	74866939	-	0	0
ENSG0000(RP11-726G processed_	chr8	43284626	43284806	-	0	0
ENSG0000(RP11-51J9. antisense	chr8	30176554	30180888	-	0	0
ENSG0000(IGHV1-14 IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(ALG11 protein_co	chr13	52012398	52029664	+	4.72	4.84
ENSG0000(RP11-787D antisense	chr8	61300164	61301069	-	0	0
ENSG0000(RP11-697M lincRNA	chr8	75167704	75176656	-	0.88	1.23
ENSG0000(CTC-264O1 lincRNA	chr5	1.67E+08	1.67E+08	-	0	0
ENSG0000(IGHVII-53-: IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-706C antisense	chr8	1.43E+08	1.43E+08	+	0.49	0.69
ENSG0000(MINCR antisense	chr8	1.43E+08	1.43E+08	-	3.37	3.02
ENSG0000(KB-1299A7 lincRNA	chr8	1.11E+08	1.11E+08	+	0	0
ENSG0000(ATXN7L3B protein_co	chr12	74537827	74545430	+	9.3	9.83
ENSG0000(RP11-473C lincRNA	chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(SUMO2P2(processed_	chr8	69987415	69987697	-	0	0
ENSG0000(RP11-10N2 antisense	chr8	93733216	93734022	+	0	0
ENSG0000(RP11-960H processed_	chr8	59821124	59821433	+	0	0
ENSG0000(RP11-21I4. processed_	chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-313C sense_intr	chr8	72732045	72751843	+	0	0
ENSG0000(RP11-706C antisense	chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(PRKDC protein_co	chr8	47773108	47960183	-	13.73	16.41
ENSG0000(RP11-893F antisense	chr17	50158333	50161276	-	0.13	0
ENSG0000(PCDHGA6 protein_co	chr5	1.41E+08	1.42E+08	+	1.57	1.44
ENSG0000(IGKV2-19 IG_V_pseu	chr2	89134975	89135257	-	0	0
ENSG0000(LZTS1-AS1 lincRNA	chr8	20275773	20290458	+	0	0
ENSG0000(LINC01289 lincRNA	chr8	63769430	63785501	+	0	0
ENSG0000(RP11-115J: lincRNA	chr8	9351238	9358441	-	0	0
ENSG0000(RP11-779C antisense	chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(KB-1460A1 lincRNA	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(OTUD6B-A. antisense	chr8	91059909	91070189	-	6.54	5.56
ENSG0000(RNU6-323F snRNA	chr8	38166012	38166118	-	0	0
ENSG0000(KB-1083B1 antisense	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(CTD-2292P antisense	chr8	1.43E+08	1.43E+08	-	0.03	0.03
ENSG0000(IGHV3-60 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(MARK2P11 unprocess	chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(AC025442. antisense	chr5	66144156	66144795	-	0.48	0
ENSG0000(RP11-350F lincRNA	chr8	46922561	46928832	+	0	0
ENSG0000(RP11-527N lincRNA	chr8	37405439	37406724	-	0	0.27
ENSG0000(IGHVII-62-: IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(CYP4F44P unprocess	chr8	43539973	43540927	+	0	0

ENSG00000101100	RP11-700E	lincRNA	chr8	92420850	92421798	-	0	0
ENSG00000101101	RP11-21C4	processed	chr8	64554236	64554475	-	0	0
ENSG00000101102	IGLVI-63	IG_V_pseu	chr22	22079770	22080263	+	0	0
ENSG00000101103	RP11-35G2	antisense	chr8	1.08E+08	1.08E+08	+	0	0
ENSG00000101104	IGHGP	IG_C_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000101105	CARSP2	processed	chr8	1.15E+08	1.15E+08	-	0	0
ENSG00000101106	IGHV3-57	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000101107	RP11-48B3	processed	chr8	80568050	80568506	-	0	0
ENSG00000101108	RP11-579E	lincRNA	chr8	63704756	63751677	+	0	0
ENSG00000101109	IGHV3-6	IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000101110	RP11-439C	lincRNA	chr8	1972570	1974637	-	0	0
ENSG00000101111	IGKV2D-19	IG_V_pseu	chr2	90046796	90047057	+	0	0
ENSG00000101112	RP11-804N	antisense	chr5	21616262	21779522	+	0	0
ENSG00000101113	PCDHGA8	protein_co	chr5	1.41E+08	1.42E+08	+	0.13	0.23
ENSG00000101114	CTB-33O18	lincRNA	chr5	1.74E+08	1.74E+08	+	0	0
ENSG00000101115	HMGB1P2	processed	chr8	29218905	29219472	+	0	0
ENSG00000101116	TPTE2P1	transcribed	chr13	24924677	24968487	-	0	0.09
ENSG00000101117	RP11-34P1	processed	chr5	1.6E+08	1.6E+08	+	0	0
ENSG00000101118	C8orf37-AS	lincRNA	chr8	95204456	95810136	+	0.34	0
ENSG00000101119	CTD-3023L	lincRNA	chr8	8559894	8562124	+	0	0
ENSG00000101120	AC100802.	antisense	chr8	20079305	20118442	+	0	0
ENSG00000101121	RP11-6N13	lincRNA	chr5	1.05E+08	1.05E+08	+	0	0
ENSG00000101122	RP11-758N	processed	chr8	74804287	74804811	-	0	0
ENSG00000101123	RP11-386D	lincRNA	chr8	86765935	86818558	+	0	0
ENSG00000101124	IGLVVI-25-	IG_V_pseu	chr22	22679097	22679345	+	0	0
ENSG00000101125	IGHVIII-2-1	IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000101126	ZNF317P1	processed	chr8	93646066	93647092	+	0	0
ENSG00000101127	RP11-350F	lincRNA	chr8	46930840	46934446	-	0	0
ENSG00000101128	CTD-2534J	lincRNA	chr8	1.39E+08	1.39E+08	-	0	0
ENSG00000101129	RP11-1145	lincRNA	chr8	72874859	72881740	-	0	0
ENSG00000101130	CTC-308K2	processed	chr5	1.73E+08	1.73E+08	+	0	0
ENSG00000101131	IGLV3-15	IG_V_pseu	chr22	22755554	22755797	+	0	0
ENSG00000101132	LINC02219	lincRNA	chr5	68189876	68198407	+	0	0
ENSG00000101133	NARSP2	transcribed	chr8	62110524	62119898	+	0	0
ENSG00000101134	RP11-44K6	processed	chr8	39997869	39998499	-	0	0
ENSG00000101135	CTC-436K1	lincRNA	chr5	1.58E+08	1.58E+08	-	0	0
ENSG00000101136	RP11-293D	processed	chr8	30983459	30984321	-	0	0
ENSG00000101137	IGLV10-67	IG_V_pseu	chr22	22043618	22043942	+	0	0
ENSG00000101138	MTND1P5	processed	chr8	1.03E+08	1.03E+08	+	0	0
ENSG00000101139	RP11-1084	antisense	chr8	1.09E+08	1.09E+08	-	0	0
ENSG00000101140	UTP14C	protein_co	chr13	52024691	52033600	+	5.12	5.22
ENSG00000101141	AC008694.	transcribed	chr5	1.58E+08	1.58E+08	-	0	0
ENSG00000101142	LINC01030	lincRNA	chr8	90592804	90606065	-	0	0
ENSG00000101143	RP11-21C4	processed	chr8	64570913	64571332	-	0	0
ENSG00000101144	CTD-2060F	processed	chr5	68087161	68087494	-	0	0

ENSG00000102440	CTA-392C1 lincRNA	chr8	40298741	40343402	-	1.81	1.53
ENSG00000102441	RP11-101E processed	chr8	46870902	46872045	-	0	0
ENSG00000102442	RP11-1049 lincRNA	chr8	2033508	2035587	+	0	0
ENSG00000102443	CTD-2292P antisense	chr8	1.43E+08	1.43E+08	-	0	0
ENSG00000102444	LINC01170 lincRNA	chr5	1.24E+08	1.24E+08	-	0	0
ENSG00000102445	IGHVII-46-1 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000102446	RP1-149L1 antisense	chr6	70222758	70242156	+	0	0
ENSG00000102447	PSAT1P1 processed	chr8	49740216	49741321	-	0	0
ENSG00000102448	CTD-2363C antisense	chr5	1.59E+08	1.59E+08	+	0	0
ENSG00000102449	COX6B1P4 processed	chr8	26835817	26836300	-	0	0
ENSG00000102450	MRPS36P3 processed	chr8	1.22E+08	1.22E+08	+	0	0
ENSG00000102451	RP11-1415 unprocess	chr5	70219918	70258930	-	4.23	10.3
ENSG00000102452	RP11-1134 processed	chr8	47198032	47198323	-	0	0
ENSG00000102453	IGLV1-41 IG_V_pseu	chr22	22404207	22404721	+	0	0
ENSG00000102454	LINC01151 lincRNA	chr8	1.23E+08	1.23E+08	-	1.86	1.37
ENSG00000102455	IGHVII-67-1 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000102456	RP11-246K lincRNA	chr8	57492884	57591559	+	0	0
ENSG00000102457	IGLV3-24 IG_V_pseu	chr22	22694439	22694952	+	0	0
ENSG00000102458	IGLV1-62 IG_V_pseu	chr22	22086561	22087110	+	0	0
ENSG00000102459	KB-173C10 lincRNA	chr8	1E+08	1E+08	-	0	0
ENSG00000102460	RP11-96A1 lincRNA	chr4	1.2E+08	1.2E+08	-	0	0
ENSG00000102461	WBP1LP10 processed	chr11	75780	76143	+	0	0
ENSG00000102462	MTND2P38 unprocess	chr8	46827228	46827894	-	0	0
ENSG00000102463	RP11-723D antisense	chr8	38844866	38846439	-	0.22	0.49
ENSG00000102464	ETV3L protein_co	chr1	1.57E+08	1.57E+08	-	0	0
ENSG00000102465	CTD-2168K lincRNA	chr8	24992002	25009777	+	0	0
ENSG00000102466	RP11-367E processed	chr8	73984493	73984883	+	0.22	0.25
ENSG00000102467	RP11-705C lincRNA	chr8	61821481	61825252	-	0	0
ENSG00000102468	RP11-731N lincRNA	chr8	82862779	82958696	-	0.08	0
ENSG00000102469	RP11-177H processed	chr8	23336171	23366125	+	0.1	0.25
ENSG00000102470	RP11-44K6 sense_intr	chr8	39914229	39915721	+	0	0
ENSG00000102471	RP11-431D lincRNA	chr8	1.36E+08	1.37E+08	+	0	0
ENSG00000102472	RP11-767C processed	chr8	54247633	54247906	+	0	0
ENSG00000102473	RP11-622C processed	chr8	1.26E+08	1.26E+08	-	0	0
ENSG00000102474	KB-173C10 lincRNA	chr8	1E+08	1E+08	-	0	0
ENSG00000102475	RP11-769N processed	chr8	48193850	48194627	-	0	0
ENSG00000102476	RP11-546K lincRNA	chr8	51961458	52022974	+	0	0
ENSG00000102477	RP11-643N processed	chr8	43672823	43673075	+	0	0
ENSG00000102478	PCDHGA10 protein_co	chr5	1.41E+08	1.42E+08	+	6.95	5.97
ENSG00000102479	RP11-10N2 antisense	chr8	93741193	93744534	+	0	0.15
ENSG00000102480	RP11-759A sense_intr	chr8	50381015	50382275	+	0	0
ENSG00000102481	RP11-318M antisense	chr8	1.03E+08	1.03E+08	-	0	0
ENSG00000102482	CTB-140J7 antisense	chr5	1.51E+08	1.51E+08	-	0	0
ENSG00000102483	GS1-57L11 lincRNA	chr8	2727318	2822482	+	0	0
ENSG00000102484	RP11-10N2 antisense	chr8	93719574	93721167	+	0.33	0.14

ENSG0000(AC133633. lincRNA	chr8	2518998	2522182	+	0	0
ENSG0000(RP11-386G lincRNA	chr8	55161483	55164727	+	0	0
ENSG0000(CTB-147C1 antisense	chr5	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-157I4 antisense	chr8	81439436	81521818	+	0	0
ENSG0000(IGKV3-34 IG_V_pseu	chr2	89275298	89275787	-	0	0
ENSG0000(SLC2A3P1 processed_	chr5	1.69E+08	1.69E+08	-	5.88	5.7
ENSG0000(IGHVIII-47- IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-394C antisense	chr5	1.49E+08	1.49E+08	+	0	0.26
ENSG0000(TMEM97P; processed_	chr8	20934435	20934837	-	0	0
ENSG0000(FER1L6-AS; antisense	chr8	1.24E+08	1.24E+08	-	0	0
ENSG0000(PIGFP1 processed_	chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(IGKV1-32 IG_V_pseu	chr2	89253571	89254015	-	0	0
ENSG0000(RP11-756K lincRNA	chr8	57343787	57364857	+	0	0
ENSG0000(RP11-90D1 lincRNA	chr8	95505406	95527524	+	0.18	0.06
ENSG0000(PCDHGA11 protein_co	chr5	1.41E+08	1.42E+08	+	10.89	10.95
ENSG0000(IGLVIV-66- IG_V_pseu	chr22	22058433	22058892	+	0	0
ENSG0000(RP11-16P2 antisense	chr8	27733338	27756426	+	0	0
ENSG0000(LINC01608 lincRNA	chr8	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-347C sense_intr	chr8	94950037	94951396	+	1.12	1.71
ENSG0000(RP11-379I1 lincRNA	chr8	59601378	59613775	+	0	0
ENSG0000(RP11-124B lincRNA	chr8	6044353	6257537	-	0	0
ENSG0000(RP11-52B1 processed_	chr8	8048919	8049267	+	0	0
ENSG0000(RP11-61L2; transcribec	chr7	1.44E+08	1.44E+08	-	5.21	4.26
ENSG0000(IGHV3-19 IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-726G processed_	chr8	43246755	43246935	-	0	0
ENSG0000(ARF1P3 processed_	chr8	1.24E+08	1.24E+08	+	0	0
ENSG0000(CTB-158E9 processed_	chr5	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-10A1 lincRNA	chr8	9255349	9260295	-	0	0
ENSG0000(RP11-521M antisense	chr8	27184321	27210494	+	0	0
ENSG0000(IGLVI-38 IG_V_pseu	chr22	22425821	22426314	+	0	0
ENSG0000(RP11-203E lincRNA	chr8	24169957	24177080	-	0	0
ENSG0000(RP11-770E lincRNA	chr8	48657260	48658894	-	0	0
ENSG0000(FAM85B antisense	chr8	8167819	8226614	-	0.21	0.54
ENSG0000(RP11-45K1 lincRNA	chr8	63465849	63475482	+	0	0
ENSG0000(IGHVII-44-; IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(AC144568. lincRNA	chr8	72601	79775	+	0	0
ENSG0000(CTB-23I7.1 unprocess	chr5	1.51E+08	1.51E+08	-	0	0
ENSG0000(LINC01419 lincRNA	chr8	83403758	83408900	+	0	0.04
ENSG0000(RP11-613H processed_	chr8	27063996	27065278	-	0	0
ENSG0000(CDH12P4 unprocess	chr5	71132993	71133287	+	0	0
ENSG0000(RP11-122C lincRNA	chr8	91542924	91907619	-	0.12	0
ENSG0000(RP11-521M lincRNA	chr8	27086076	27087783	+	0	0
ENSG0000(IGKV2D-10 IG_V_pseu	chr2	90179889	90180587	+	0	0
ENSG0000(RP11-380I1 processed_	chr8	28238430	28238905	+	0	0
ENSG0000(RP11-252I1 processed_	chr5	1.8E+08	1.8E+08	+	0	0

ENSG0000(PCDHGB2 protein_co chr5	1.41E+08	1.42E+08 +	1.93	1.41
ENSG0000(KB-1205A7 antisense chr8	98603253	98606340 +	0	0
ENSG0000(RP11-402L processed_ chr8	99804159	99804341 -	0	0
ENSG0000(IGLV3-26 IG_V_pseu chr22	22673152	22673602 +	0	0
ENSG0000(MAPRE1P1 processed_ chr8	1.36E+08	1.36E+08 -	0	0
ENSG0000(MTCO1P49 processed_ chr8	1.34E+08	1.34E+08 +	0	0
ENSG0000(AC226119. processed_ chr4	3915183	3955419 -	0	0
ENSG0000(THAP12P7 processed_ chr8	78760142	78762431 -	0.03	0.03
ENSG0000(IGLV3-31 IG_V_pseu chr22	22604445	22605165 +	0	0
ENSG0000(CTB-113P1 antisense chr5	1.52E+08	1.52E+08 +	0	0
ENSG0000(KB-1980E6 processed_ chr8	1.02E+08	1.02E+08 +	0.06	0.28
ENSG0000(RP11-1023 lincRNA chr8	52294455	52301942 +	0	0
ENSG0000(CTB-178M; antisense chr5	1.68E+08	1.68E+08 -	0	0
ENSG0000(RP11-26E5 lincRNA chr8	1.29E+08	1.29E+08 +	0	0
ENSG0000(GS1-39E22 lincRNA chr5	1.36E+08	1.36E+08 -	0	0
ENSG0000(CASC21 lincRNA chr8	1.27E+08	1.27E+08 +	0	0
ENSG0000(RP11-1149 antisense chr8	23189279	23190675 +	0	0
ENSG0000(RP11-909N antisense chr8	1.43E+08	1.43E+08 +	0	0
ENSG0000(RP11-10C8 antisense chr8	13338574	13342754 +	0.03	0.05
ENSG0000(MRPL49P2 processed_ chr8	16374618	16375082 +	0	0
ENSG0000(IGLVIV-53 IG_V_pseu chr22	22219647	22220133 +	0	0
ENSG0000(IGHV3-63 IG_V_pseu chr14	1.07E+08	1.07E+08 -	0	0
ENSG0000(NATP unprocessε chr8	18370607	18371484 +	0	0
ENSG0000(RP11-44K6 antisense chr8	39903775	39995248 -	0	0
ENSG0000(CTD-2127C processed_ chr5	31065970	31066132 -	0	0
ENSG0000(IGHVII-51-; IG_V_pseu chr14	1.07E+08	1.07E+08 -	0	0
ENSG0000(KB-1410C5 processed_ chr8	1.01E+08	1.01E+08 -	0	0
ENSG0000(KRT18P37 processed_ chr8	41511240	41512521 +	0	0
ENSG0000(RP11-156K antisense chr8	17801345	17861069 +	0	0
ENSG0000(RP11-328L processed_ chr8	95403802	95403894 +	0	0
ENSG0000(CTC-425K2 processed_ chr5	1.66E+08	1.66E+08 +	0	0
ENSG0000(CTB-77H17 antisense chr5	1.68E+08	1.68E+08 -	0	0
ENSG0000(RP11-410L; lincRNA chr8	98996763	99013044 -	2.31	3.05
ENSG0000(RP11-790J; lincRNA chr8	1.09E+08	1.09E+08 +	0	0
ENSG0000(RP11-447G processed_ chr8	16275681	16276296 +	0	0
ENSG0000(HIGD1AP1; processed_ chr8	77013751	77014028 -	0	0
ENSG0000(PCDHGB4 protein_co chr5	1.41E+08	1.42E+08 +	8.49	8.31
ENSG0000(HMGN1P3; processed_ chr15	92711808	92712110 +	0	0
ENSG0000(CTB-33O18 antisense chr5	1.74E+08	1.74E+08 +	0	0
ENSG0000(RP11-211F lincRNA chr8	1.1E+08	1.1E+08 -	0	0
ENSG0000(IGHV3-22 IG_V_pseu chr14	1.06E+08	1.06E+08 -	0	0
ENSG0000(CLDN23 protein_co chr8	8701938	8704106 +	1.51	1.24
ENSG0000(LINC01863 lincRNA chr5	1.74E+08	1.74E+08 +	0	0
ENSG0000(RP11-388K lincRNA chr8	93215925	93234878 -	0	0
ENSG0000(RP11-363L; antisense chr8	31167078	31177167 -	0	0

ENSG0000(IGLV3-2 IG_V_pseu chr22	22873212	22873440	+	0	0
ENSG0000(RPL31P40 processed_ chr8	68293446	68293818	-	0	0
ENSG0000(CTC-329D1 antisense chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(CTC-455F1 processed_ chr5	1.71E+08	1.71E+08	+	0	0.05
ENSG0000(RP11-333A lincRNA chr8	70471134	70485687	+	0	0.03
ENSG0000(CTB-32H22 lincRNA chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(MTND2P7 processed_ chr8	1.34E+08	1.34E+08	+	0	0
ENSG0000(CDC42P3 processed_ chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(MAL2 lincRNA chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-467K antisense chr11	9004162	9065154	+	0	0
ENSG0000(NRG1-IT1 sense_intr chr8	32026219	32139475	+	0	0
ENSG0000(RP11-577N processed_ chr8	62482198	62483811	-	0	0
ENSG0000(RP11-386G lincRNA chr8	55135203	55142358	-	0	0
ENSG0000(MTCO2P4 processed_ chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(CTB-178M antisense chr5	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-443C lincRNA chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(CTB-4E7.1 antisense chr5	1.57E+08	1.57E+08	-	0	0
ENSG0000(ALG1L13P transcribed chr8	8236003	8244667	-	0.42	0
ENSG0000(CTD-2336C antisense chr8	1761990	1764502	-	16.79	15.34
ENSG0000(RP11-16A9.1 antisense chr8	74199396	74208441	+	0.06	0.07
ENSG0000(RP11-136K lincRNA chr5	71372676	71374898	-	0	0
ENSG0000(CTC-756D1 lincRNA chr8	23493009	23494198	-	0	0
ENSG0000(RP11-489C lincRNA chr8	1.38E+08	1.38E+08	+	0	0
ENSG0000(IGHVIII-38- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(KB-1562D1 processed_ chr8	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-737F antisense chr8	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-451C processed_ chr8	33226848	33227147	-	0	0
ENSG0000(NDUFB9P3 processed_ chr8	1.11E+08	1.11E+08	-	0	0
ENSG0000(RPL10P18 processed_ chr8	33540185	33540493	+	0	0
ENSG0000(RP11-200A processed_ chr8	1.05E+08	1.05E+08	-	0	0
ENSG0000(IGKV2-29 IG_V_pseu chr2	89234174	89234912	-	0	0
ENSG0000(IGKV3D-31 IG_V_pseu chr2	89929701	89930202	+	0	0
ENSG0000(RP11-245A lincRNA chr8	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-91P1 lincRNA chr8	78148101	78153913	+	0.13	0
ENSG0000(RP11-213G lincRNA chr8	23726331	23743042	-	0	0
ENSG0000(CTB-167B5 antisense chr7	88216660	88219226	+	0	0
ENSG0000(ZNF260 protein_co chr19	36510695	36528660	-	6.27	4.02
ENSG0000(RP11-1D12 lincRNA chr8	64801236	64817573	-	0	0
ENSG0000(RP11-281H lincRNA chr8	5659679	5670077	-	0.06	0
ENSG0000(LINC00051 antisense chr8	1.42E+08	1.42E+08	+	0	0
ENSG0000(IGKV2D-38 IG_V_pseu chr2	89872463	89872702	+	0	0
ENSG0000(RP11-103H antisense chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(CTC-229L2 sense_intr chr5	1.74E+08	1.74E+08	+	0	0
ENSG0000(RPL10P8 processed_ chr5	1.71E+08	1.71E+08	+	0	0
ENSG0000(MAP2K1P1 processed_ chr8	30027713	30028900	+	0	0

ENSG0000(RP11-363E processed_ chr8	81244156	81244338	+	0	0
ENSG0000(MTND4LP2 processed_ chr8	18200924	18201205	-	0	0
ENSG0000(ALG1L10P unprocessε chr12	8227734	8231764	+	0	0
ENSG0000(IGHEP2 IG_C_pseu chr9	5113549	5114804	+	0	0
ENSG0000(RP11-785H lincRNA chr8	1.22E+08	1.22E+08	+	0	0
ENSG0000(RP11-10J2: antisense chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-100L: lincRNA chr8	92723024	92725111	-	0	0
ENSG0000(RP11-778D lincRNA chr8	1.06E+08	1.06E+08	-	0	0
ENSG0000(PKMP4 processed_ chr8	75376709	75377014	+	0	0
ENSG0000(KB-1562D1 antisense chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(BRIX1P1 processed_ chr8	51435602	51436509	+	0	0
ENSG0000(RP11-369E lincRNA chr8	20954012	20968904	+	0	0
ENSG0000(RP11-363E antisense chr8	81279871	81281446	-	0	0
ENSG0000(AC083843: lincRNA chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(IGLC4 IG_C_pseu chr22	22910828	22911075	+	0	0
ENSG0000(IGLC5 IG_C_pseu chr22	22915635	22915927	+	0	0
ENSG0000(RP11-326E antisense chr8	71155457	71204223	+	0	0
ENSG0000(RP11-431M lincRNA chr8	34229294	34248946	-	0	0
ENSG0000(RP11-662B antisense chr8	28798142	28799469	+	0	0
ENSG0000(RP11-281C antisense chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(IGHVIII-67- IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-775B processed_ chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-419C lincRNA chr8	37067441	37069418	-	0	0
ENSG0000(RP11-304F lincRNA chr17	49914403	49932918	+	0	0
ENSG0000(RP11-421P lincRNA chr8	21023296	21029058	+	0	0
ENSG0000(RP11-574C antisense chr8	1.05E+08	1.05E+08	-	0	0.06
ENSG0000(CTC-558O2 antisense chr5	1.69E+08	1.69E+08	+	0.05	0.02
ENSG0000(RP11-3N13 lincRNA chr8	74891151	74896302	-	0	0
ENSG0000(RP11-681L: sense_ovei chr4	97334635	97633823	-	0	0.22
ENSG0000(IGHVIII-22- IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGHV1-17 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTC-436K1 processed_ chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-328K sense_intrε chr8	58991720	58992938	-	0	0
ENSG0000(NRG1-IT3 sense_intrε chr8	32440746	32442725	+	0	0
ENSG0000(RP11-577N antisense chr8	62473217	62474269	-	0	0
ENSG0000(RP11-403D processed_ chr8	68176768	68177221	+	0	0
ENSG0000(IGHVIII-67- IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(IGHVIII-5-2 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-156K lincRNA chr8	17905756	17907887	+	0	0
ENSG0000(RP11-17A4 lincRNA chr8	56639901	56656465	-	0	0
ENSG0000(IGHV3-71 IG_V_pseu chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP3-388N1 lincRNA chr8	93834454	93846743	-	0.14	0.46
ENSG0000(RP11-172E lincRNA chr8	81036964	81040831	+	0	0
ENSG0000(RP11-359B processed_ chr8	33436268	33436700	-	0	0
ENSG0000(DUXAP2 unprocessε chr8	1.01E+08	1.01E+08	-	0	0

ENSG0000(CTD-2530) antisense	chr8	22254576	22275162	-	0	0
ENSG0000(RP11-697N) processed	chr8	47592147	47592609	-	0	0
ENSG0000(LINC01938) lincRNA	chr5	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-122L) transcribed	chr8	39522976	39580134	+	0	0
ENSG0000(RP11-359P) processed	chr8	43493937	43494762	+	0	0
ENSG0000(RP11-790L) processed	chr8	46671839	46671926	+	0	0
ENSG0000(IGLVVII-41) IG_V_pseu	chr22	22398849	22398999	+	0	0
ENSG0000(IGLVV-66) IG_V_pseu	chr22	22061077	22061538	+	0	0
ENSG0000(CTD-3145H) processed	chr8	1.38E+08	1.38E+08	+	0	0
ENSG0000(IGLV3-7) IG_V_pseu	chr22	22838602	22838872	+	0	0
ENSG0000(RP11-31K2) processed	chr8	95947781	95948233	-	0	0
ENSG0000(RP11-730G) antisense	chr8	74609698	74633320	-	0	0
ENSG0000(LINC01299) lincRNA	chr8	65527008	65562780	-	0	0.02
ENSG0000(LINC01591) lincRNA	chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(KB-1930G5) lincRNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-94H1) lincRNA	chr8	29864644	29871661	+	0	0
ENSG0000(LYN) protein_co	chr8	55879813	56014168	+	4.21	4.15
ENSG0000(SLC2A3P4) processed	chr8	86503591	86505061	+	0	0
ENSG0000(RP11-388K) lincRNA	chr8	93259667	93297976	+	0	0
ENSG0000(MTND2P32) processed	chr8	33015261	33017043	+	0	0
ENSG0000(RP11-10A1) processed	chr8	9233013	9233449	+	0	0
ENSG0000(RP11-369E) lincRNA	chr8	20952645	20973877	-	0	0
ENSG0000(PINX1) protein_co	chr8	10764963	10839884	-	4.55	4.01
ENSG0000(AC078852) sense_intr	chr4	1356581	1358075	+	0	0
ENSG0000(RP11-566H) processed	chr8	31339197	31346479	+	0	0
ENSG0000(IGKV3D-25) IG_V_pseu	chr2	89989987	89990221	+	0	0
ENSG0000(IGKV2-26) IG_V_pseu	chr2	89196096	89196829	-	0	0
ENSG0000(AC005740) antisense	chr5	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-675F) lincRNA	chr8	38552248	38559020	-	0	0
ENSG0000(LINC02055) lincRNA	chr8	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-21C4) antisense	chr8	64574306	64581888	-	0	0
ENSG0000(RP11-114M) processed	chr8	58503588	58504068	+	0	0
ENSG0000(RP11-63E5) processed	chr8	264315	264672	+	0	0
ENSG0000(VENTXP6) processed	chr8	73651289	73651602	+	0	0
ENSG0000(LINC01848) lincRNA	chr5	1.1E+08	1.1E+08	+	0	0
ENSG0000(RBPMS-AS) antisense	chr8	30382119	30385401	-	2.62	1.42
ENSG0000(RP11-150C) lincRNA	chr8	37560366	37565377	+	0	0
ENSG0000(KB-1205A7) processed	chr8	98633547	98633865	+	0	0
ENSG0000(RP11-174I) lincRNA	chr8	1.24E+08	1.24E+08	-	0	0
ENSG0000(HMGN1P2) processed	chr17	60851382	60851745	+	0	0
ENSG0000(RP11-386D) antisense	chr8	86707547	86765023	+	0	0.09
ENSG0000(MTCYBP20) processed	chr8	46837578	46838706	-	0	0
ENSG0000(RP11-705C) lincRNA	chr8	61785047	61944180	+	0	0
ENSG0000(LINC02155) lincRNA	chr8	61889839	61894206	+	0	0
ENSG0000(PCDHGB7) protein_co	chr5	1.41E+08	1.42E+08	+	14.68	13.32

ENSG0000(RP11-99H2) lincRNA chr8	82098451	82160577	-	0	0
ENSG0000(EEF1A1P37) processed_chr8	1.11E+08	1.11E+08	+	0	0
ENSG0000(CD8BP) transcribed chr2	1.06E+08	1.07E+08	+	0	0
ENSG0000(IGLCOR22-IG_C_pseudochr22	32199919	32200234	+	0	0
ENSG0000(CTD-2647L) antisense chr8	29110573	29140729	+	0	0
ENSG0000(LINC01947) lincRNA chr5	1.67E+08	1.67E+08	-	0	0
ENSG0000(RP11-1007) processed_chr8	42484600	42485019	+	0	0
ENSG0000(MTND6P3) processed_chr5	94568929	94569470	-	1.6	1.03
ENSG0000(IGHVII-74-IG_V_pseudochr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-32D1) lincRNA chr5	1.58E+08	1.59E+08	+	0	0
ENSG0000(RP11-546K) lincRNA chr8	51996210	52008355	-	0	0
ENSG0000(RP11-152K) antisense chr5	31093977	31267610	-	0	0
ENSG0000(CTD-2339F) lincRNA chr8	57746149	57750199	+	0.07	0
ENSG0000(RP11-642D) sense_intronic chr8	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-470M) lincRNA chr8	40161458	40172612	+	0	0
ENSG0000(RP11-661A) antisense chr8	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-359P) processed_chr8	43539137	43539472	+	0	0
ENSG0000(HMGB1P4) processed_chr8	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-3791) processed_chr8	59557528	59557855	-	0	0
ENSG0000(NIPA2P4) processed_chr8	81617220	81618560	-	0	0
ENSG0000(CTD-3107M) processed_chr8	30349866	30350347	-	0	0.35
ENSG0000(CTA-398F1) lincRNA chr8	8456909	8461337	-	0.72	0.82
ENSG0000(RP4-798P1) processed_chr1	1.78E+08	1.78E+08	-	0.82	1.12
ENSG0000(MTND6P2) transcribed chr8	46838788	46839205	+	0	0
ENSG0000(IGKV2-18) IG_V_pseudochr2	89128724	89129483	-	0	0
ENSG0000(RP11-281C) processed_chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(CTD-2281E) lincRNA chr8	1246789	1248760	-	0	0
ENSG0000(IGLVIV-65) IG_V_pseudochr22	22070225	22070707	+	0	0
ENSG0000(RP11-48B3) lincRNA chr8	80535006	80539135	-	0.23	0.2
ENSG0000(CTC-340I2) antisense chr5	1.57E+08	1.57E+08	-	0	0
ENSG0000(CTB-33O18) lincRNA chr5	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP11-503E) antisense chr8	42537529	42538304	-	0.56	0.41
ENSG0000(CASC19) lincRNA chr8	1.27E+08	1.27E+08	-	0	0
ENSG0000(IGHVIII-51-IG_V_pseudochr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTD-2073C) processed_chr5	78708734	78716082	-	0.08	0.27
ENSG0000(RP11-67M) lincRNA chr5	1.66E+08	1.66E+08	+	0	0
ENSG0000(RNU5A-3P) snRNA chr8	30643689	30643802	+	0	0
ENSG0000(RP11-96G1) lincRNA chr5	1.62E+08	1.62E+08	-	0	0
ENSG0000(IGHV1-12) IG_V_pseudochr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGLVI-42) IG_V_pseudochr22	22397032	22397524	+	0	0
ENSG0000(IGHV3-75) IG_V_pseudochr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-1149) lincRNA chr8	81058523	81067744	+	0	0
ENSG0000(RP11-299D) lincRNA chr8	25834129	25840135	-	0	0
ENSG0000(AB015752) lincRNA chr8	90534611	90620070	-	0	0.13
ENSG0000(SLC25A51P) processed_chr8	80594815	80595703	-	0	0

ENSG0000(RP11-68L1:processed_chr8	90701082	90701876	+	0	0
ENSG0000(RP11-953B:processed_chr8	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-419L:processed_chr8	1.09E+08	1.09E+08	+	0	0
ENSG0000(RP11-167P:lincRNA_chr5	1.63E+08	1.63E+08	-	0.09	0.1
ENSG0000(CTB-78F1.1:antisense_chr5	1.68E+08	1.68E+08	-	0.4	0.41
ENSG0000(RP11-296C:processed_chr8	83099976	83100846	-	0	0
ENSG0000(RP11-267N:processed_chr8	94590115	94590259	+	0	0
ENSG0000(CTC-558O2:antisense_chr5	1.69E+08	1.69E+08	+	0	0
ENSG0000(RP11-585F:processed_chr8	150584	150728	-	0	13.91
ENSG0000(RP1-273G1:lincRNA_chr8	33973701	34009595	-	0	0
ENSG0000(TPM3P3:processed_chr8	84162118	84162471	+	0	0
ENSG0000(RP11-10J2:lincRNA_chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-598P:processed_chr8	43125995	43126397	-	0	0
ENSG0000(AC008691:lincRNA_chr5	1.6E+08	1.6E+08	-	0	0
ENSG0000(RPL7AP33:processed_chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-618M:lincRNA_chr8	19246350	19249240	+	0	0
ENSG0000(RP11-120I2:lincRNA_chr8	83912713	84140283	+	0.11	0
ENSG0000(IGHVII-33-IG_V_pseu_chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-400K:lincRNA_chr8	53515170	53515905	+	0	0
ENSG0000(RP11-92K1:antisense_chr8	80122852	80127670	+	0	0
ENSG0000(NPIP11:protein_co_chr16	29381354	29404029	-	0.42	0.23
ENSG0000(RP11-43A1:sense_intron_chr8	725188	725877	-	0	0
ENSG0000(RP11-219B:antisense_chr8	85177522	85178150	-	0	0
ENSG0000(RP11-3G20:lincRNA_chr8	1.22E+08	1.22E+08	-	0	0
ENSG0000(LINC01485:lincRNA_chr5	1.74E+08	1.74E+08	-	0	0
ENSG0000(RP11-98H4:processed_chr8	84864668	84864907	-	0	0
ENSG0000(FAM213AP:processed_chr8	73277364	73278046	-	0.1	0
ENSG0000(IGHVIII-11-IG_V_pseu_chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-140I1:processed_chr8	56252960	56253372	-	0	0
ENSG0000(GS1-251I9:processed_chr8	91042690	91044762	-	0	0
ENSG0000(IGKV2D-18:IG_V_pseu_chr2	90052581	90053372	+	0	0
ENSG0000(PCDHGB1:protein_co_chr5	1.41E+08	1.42E+08	+	2.9	2.65
ENSG0000(RP11-787D:antisense_chr8	61264624	61292039	-	0	0
ENSG0000(RP11-419K:lincRNA_chr8	1.3E+08	1.3E+08	-	0	0
ENSG0000(KB-1043D8:antisense_chr8	96235427	96238034	+	0	0
ENSG0000(BTF3P1:processed_chr8	51721670	51722164	-	0	0
ENSG0000(LINC01933:lincRNA_chr5	1.52E+08	1.52E+08	+	0	0.23
ENSG0000(RP11-622C:lincRNA_chr8	1.26E+08	1.26E+08	-	0	0
ENSG0000(IGHV3-42:IG_V_pseu_chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(FAM90A12:unprocessed_chr8	8027077	8032305	-	0	0
ENSG0000(RP11-582J:antisense_chr8	22565997	22567171	-	0	0
ENSG0000(CTD-2284J:processed_chr8	86333274	86343314	-	0.08	0.04
ENSG0000(RP11-242J:lincRNA_chr4	1.85E+08	1.85E+08	-	0	0
ENSG0000(RP11-115J:lincRNA_chr8	9249417	9413714	+	0	0
ENSG0000(KB-1639H6:antisense_chr8	1.03E+08	1.03E+08	-	0	0

ENSG0000(RP11-115J) lincRNA	chr8	9371970	9436205	-	0	0
ENSG0000(RP11-300E) antisense	chr8	75026428	75029460	-	0	0
ENSG0000(GS1-39E22) lincRNA	chr5	1.36E+08	1.36E+08	+	0	0
ENSG0000(IGLVI-20) IG_V_pseu	chr22	22715290	22715419	+	0	0
ENSG0000(MTCO1P47) processed	chr8	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-1080) lincRNA	chr8	19091733	19115024	+	0	0
ENSG0000(PAICSP4) processed	chr8	4787332	4788584	+	0	0
ENSG0000(PCDHGA3) protein_co	chr5	1.41E+08	1.42E+08	+	0.8	1.2
ENSG0000(CTB-120L2) antisense	chr5	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-278I) processed	chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-320N) antisense	chr8	95071732	95087924	-	0	0
ENSG0000(RP11-959I1) antisense	chr8	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-662G) antisense	chr8	90806474	90859240	-	0	0
ENSG0000(RPL7P20) processed	chr5	1.66E+08	1.66E+08	-	0	0
ENSG0000(RP11-343B) processed	chr8	67569416	67570078	+	0	0
ENSG0000(RP11-17A4) antisense	chr8	56445807	56552067	+	0.04	0.18
ENSG0000(CTD-2008C) processed	chr8	1.32E+08	1.32E+08	+	0	0
ENSG0000(RPSAP71) processed	chr5	1.71E+08	1.71E+08	+	0	0
ENSG0000(RP11-398H) lincRNA	chr8	1.39E+08	1.39E+08	-	0.41	0.41
ENSG0000(RP11-369E) lincRNA	chr8	20941428	20950175	+	0	0
ENSG0000(RP11-18A1) lincRNA	chr9	26746953	26786874	+	0	0
ENSG0000(RP11-58O3) lincRNA	chr8	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-473C) lincRNA	chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(IGKV3OR2) IG_V_pseu	chr22	16925952	16926444	-	0	0
ENSG0000(CTD-2336C) processed	chr8	1730206	1731452	+	0	0
ENSG0000(PKIA-AS1) lincRNA	chr8	78426103	78558503	-	0	0
ENSG0000(KB-1458E1) lincRNA	chr8	98371355	98388247	-	0.37	0
ENSG0000(RFPL4AP7) processed	chr8	49352630	49352844	-	0	0
ENSG0000(ERHP1) processed	chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-131N) lincRNA	chr10	60734342	60741828	+	0	0
ENSG0000(RP11-382J) processed	chr8	22492631	22493044	+	0.4	0.22
ENSG0000(RP11-181D) processed	chr8	73511276	73511654	-	0.23	0
ENSG0000(TDGF1P5) processed	chr8	54073114	54073566	+	0	0
ENSG0000(LINC00824) processed	chr8	1.28E+08	1.29E+08	-	0.3	0
ENSG0000(RP11-1144) lincRNA	chr8	71675300	71702786	+	0	0
ENSG0000(RP11-278I) antisense	chr8	1.19E+08	1.19E+08	-	0	0
ENSG0000(IGHVII-1-1) IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(KB-1507C5) lincRNA	chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-267N) processed	chr8	94594411	94594601	+	0	0
ENSG0000(KRT8P3) processed	chr8	61578220	61579668	+	0	0
ENSG0000(RP11-89K1) antisense	chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-44K6) antisense	chr8	39918076	39920890	-	0	0
ENSG0000(RP11-6I2.3) lincRNA	chr8	74052340	74099853	+	0.88	0.88
ENSG0000(IGHV3-32) IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-150C) lincRNA	chr8	37597480	37599858	-	0	0.03

ENSG0000(RP11-10J2: antisense	chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(IGKV2D-14 IG_V_pseu	chr2	90121786	90122564	+	0	0
ENSG0000(CTB-158E9 lincRNA	chr5	1.54E+08	1.54E+08	-	0	0
ENSG0000(IMPDPH1P6 processed_	chr8	1.23E+08	1.23E+08	+	0	0.04
ENSG0000(CTC-308K2 lincRNA	chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(CTC-286N1 antisense	chr5	1.67E+08	1.67E+08	-	0	0
ENSG0000(CTB-17P3.4 lincRNA	chr5	1.51E+08	1.51E+08	-	0.54	1.19
ENSG0000(LINC01944 lincRNA	chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(LINC01111 lincRNA	chr8	76406654	76524356	+	0.24	0.34
ENSG0000(RP11-431M lincRNA	chr8	34174886	34184895	+	0	0
ENSG0000(RP11-398G lincRNA	chr8	1.22E+08	1.22E+08	-	0.08	0.36
ENSG0000(MRPL9P1 transcribed	chr8	76603240	76603852	-	0	0
ENSG0000(RP11-150C lincRNA	chr8	37600537	37625873	-	0	0
ENSG0000(KB-1608C1 antisense	chr8	94791643	94793106	-	0	0
ENSG0000(IGLVIV-59 IG_V_pseu	chr22	22179228	22179477	+	0	0
ENSG0000(RP11-89M: processed_	chr8	36121398	36121683	-	0	0
ENSG0000(CTD-2045N processed_	chr5	78753596	78753873	+	0	0
ENSG0000(SNRPCP17 processed_	chr8	8116745	8116949	-	0	0
ENSG0000(MRPL57P7 processed_	chr8	98906260	98906517	-	0	0
ENSG0000(CTD-2309H processed_	chr8	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP11-26M: antisense	chr8	52150820	52154892	+	0	0
ENSG0000(RP11-267N antisense	chr8	94533628	94534391	+	0	0
ENSG0000(CTD-2345N processed_	chr8	30249502	30250092	-	0	0
ENSG0000(RP11-473C antisense	chr8	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-134C lincRNA	chr8	2666079	2728451	-	0	0
ENSG0000(RP11-593P processed_	chr8	36321039	36321404	-	0	0
ENSG0000(RP11-495C lincRNA	chr8	38700626	38704855	-	0	0
ENSG0000(MIR151A miRNA	chr8	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-318K sense_intr	chr8	55893595	55895739	+	0	0
ENSG0000(IGHV7-27 IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTC-308K2 processed_	chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(IGHVII-60: IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-1D12 sense_intr	chr8	64703774	64734459	-	0	0
ENSG0000(CKS1BP7 processed_	chr8	80644939	80645173	-	0	0
ENSG0000(GS1-44D20 processed_	chr8	69129598	69130345	+	0.1	0
ENSG0000(NDST1-AS1 lincRNA	chr5	1.5E+08	1.5E+08	-	0	0
ENSG0000(RP11-24P4 lincRNA	chr8	21298206	21309449	+	0	0
ENSG0000(CDH12P1 unprocess	chr5	70860285	70860579	-	0	0
ENSG0000(AC008694. processed_	chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-865I: lincRNA	chr8	68848742	68852763	-	0.54	1.32
ENSG0000(MAFA-AS1 antisense	chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-267L: lincRNA	chr8	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-10A1 antisense	chr8	9141424	9145435	+	0	0
ENSG0000(SNORD87 snoRNA	chr8	66922467	66922555	-	0	0
ENSG0000(RP11-726G processed_	chr8	43372559	43372677	+	0	0

ENSG0000(RP11-760H lincRNA chr8	1.2E+08	1.2E+08 +	2.87	8.13
ENSG0000(LINC01288 lincRNA chr8	34784052	34864798 +	0	0
ENSG0000(IGKV2D-23 IG_V_pseu chr2	90009402	90009927 +	0	0
ENSG0000(MTND1P6 processed_chr8	33014081	33015026 +	0	0
ENSG0000(RP11-351E lincRNA chr8	72462311	72470972 +	0	0
ENSG0000(RP11-1134 processed_chr8	47189305	47189560 +	0	0
ENSG0000(MIR2052H lincRNA chr8	74599775	74823313 +	0	0
ENSG0000(RP11-542A lincRNA chr5	1.58E+08	1.58E+08 +	0	0
ENSG0000(ARL2BPP5 processed_chr5	1.63E+08	1.63E+08 +	0	0
ENSG0000(RP11-578C processed_chr8	78723796	78724136 -	1.12	0
ENSG0000(IGLVI-68 IG_V_pseu chr22	22032745	22033194 +	0	0
ENSG0000(RP11-628E antisense chr8	55517240	55520977 -	0	0
ENSG0000(CYCSP22 processed_chr8	50762460	50762798 -	0	0
ENSG0000(RP11-238K lincRNA chr8	1.38E+08	1.38E+08 +	0	0
ENSG0000(RP11-141I7 sense_intr chr8	26440491	26442595 +	0	0
ENSG0000(CTB-131B5 processed_chr5	1.4E+08	1.4E+08 +	0.05	0.09
ENSG0000(KB-1615E4 antisense chr8	1E+08	1E+08 +	0	0
ENSG0000(CTB-180C1 antisense chr5	1.67E+08	1.67E+08 -	0	0
ENSG0000(RP11-38H1 lincRNA chr8	77399072	77537290 +	0	0.61
ENSG0000(RP11-211C lincRNA chr8	8723693	8782479 -	0	0
ENSG0000(HOXA-AS3 antisense chr7	27129977	27155928 +	0	0
ENSG0000(RP11-181B sense_intr chr8	28415524	28420055 -	0	0
ENSG0000(RP11-343P antisense chr8	1.35E+08	1.35E+08 -	0	0
ENSG0000(RP11-34P1 processed_chr5	1.6E+08	1.6E+08 +	0	0
ENSG0000(SOX5P1 processed_chr8	87788562	87789688 -	0	0
ENSG0000(MIR124-2F lincRNA chr8	64373328	64383787 +	0	0
ENSG0000(RP11-317J lincRNA chr8	85523899	85540511 +	0	0
ENSG0000(TUBB8P5 unprocess chr12	38201566	38203792 +	0	0
ENSG0000(RP11-465K lincRNA chr8	40900016	40901854 -	0	0
ENSG0000(MTND6P19 unprocess chr8	36278960	36279483 +	0	0
ENSG0000(MYL12AP1 processed_chr8	93849561	93850075 +	0	0
ENSG0000(DUTP2 processed_chr8	1.23E+08	1.23E+08 +	0	0
ENSG0000(RHPN1-AS1 antisense chr8	1.43E+08	1.43E+08 -	0.12	0.16
ENSG0000(CTC-529G1 antisense chr5	1.61E+08	1.61E+08 +	0	0
ENSG0000(RP11-759A processed_chr8	50490795	50491465 +	0	0
ENSG0000(CTD-2272D lincRNA chr8	82912104	82961926 +	0	0
ENSG0000(IGHV4-55 IG_V_pseu chr14	1.07E+08	1.07E+08 -	0	0
ENSG0000(RP11-56F1 lincRNA chr9	27102630	27104728 +	0	0.14
ENSG0000(CTD-2371C antisense chr11	9430356	9433486 -	0	0
ENSG0000(RP11-578F unprocess chr15	28679405	28682252 -	0	0
ENSG0000(GLYATL1P4 unprocess chr11	59042737	59050971 +	0	0
ENSG0000(RP11-732A antisense chr11	6603642	6604420 -	0	0
ENSG0000(RP11-179A lincRNA chr11	11117854	11183611 +	0	0
ENSG0000(LRRC24 protein_co chr8	1.45E+08	1.45E+08 -	0.9	1.13
ENSG0000(OR10Y1P unprocess chr11	59728519	59729492 +	0	0

ENSG0000(RP11-703H antisense chr11	62213427	62260549	-	0	0
ENSG0000(RP11-215D processed_chr11	1.2E+08	1.2E+08	-	0	0
ENSG0000(PHBP17 processed_chr11	1.23E+08	1.23E+08	-	0	0
ENSG0000(OR4A1P unprocessε chr11	49898267	49899186	-	0	0
ENSG0000(RP11-613D sense_ovei chr11	43921059	44001157	+	0	0
ENSG0000(CTD-3051L processed_chr11	56495760	56496412	+	0	0
ENSG0000(RP11-107P processed_chr11	49098163	49101168	-	0	0
ENSG0000(CHKB-CPT1 protein_co chr22	50568869	50582965	-	1.58	0.47
ENSG0000(SIGLEC14 protein_co chr19	51642553	51646801	-	0	0
ENSG0000(RP11-347E lincRNA chr11	1.1E+08	1.1E+08	+	0	0
ENSG0000(ANO1-AS2 antisense chr11	70072434	70075433	-	0	0
ENSG0000(RP11-21L1 antisense chr11	14262846	14273691	-	1.17	0
ENSG0000(RP11-261P sense_intrε chr20	58710795	58711633	+	0.12	0
ENSG0000(RP11-452H antisense chr11	78324758	78444049	+	0	0
ENSG0000(RP11-864G antisense chr11	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-351I processed_chr8	12374366	12375546	-	0	0
ENSG0000(RP11-810P processed_chr11	62072882	62073052	-	0	0
ENSG0000(RP11-480C processed_chr8	13909231	13909780	-	0	0
ENSG0000(RP11-430H lincRNA chr11	45355371	45366121	+	0	0
ENSG0000(RP11-110I antisense chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(CTD-2562J antisense chr11	75260127	75261025	+	0	0
ENSG0000(OR6M3P unprocessε chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-550A antisense chr8	1.25E+08	1.25E+08	-	0.27	0
ENSG0000(RP11-331I antisense chr8	60808735	60809606	-	0	0
ENSG0000(RP11-677I antisense chr11	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTD-2555I lincRNA chr11	80321620	80327911	-	0	0
ENSG0000(AP000648. processed_chr11	90098421	90098817	-	0	0
ENSG0000(RP11-170I processed_chr11	80957317	80957634	+	0	0
ENSG0000(RP11-231N lincRNA chr11	13921450	13924863	-	0	0
ENSG0000(PBOV1 protein_co chr6	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-718B processed_chr11	82835509	82837222	+	0	0
ENSG0000(AP000859. processed_chr11	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP11-304C lincRNA chr11	6362799	6365267	+	0	0
ENSG0000(RP11-290F sense_ovei chr11	6108135	6185576	-	0	0
ENSG0000(HSPB2-C11 protein_co chr11	1.12E+08	1.12E+08	+	4.01	3.91
ENSG0000(OR7E11P unprocessε chr11	67735608	67736559	-	0	0
ENSG0000(SF3A3P2 processed_chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(ALG9-IT1 sense_intrε chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-560G antisense chr12	75234740	75298508	+	0	0
ENSG0000(RP11-867G antisense chr11	66276779	66277492	-	0.16	0
ENSG0000(NAV2-AS2 antisense chr11	20043846	20049303	-	0	0
ENSG0000(RCC2P6 processed_chr11	62371146	62373168	+	0	0
ENSG0000(HIGD1AP1 processed_chr11	65145691	65145972	-	0	0
ENSG0000(RP11-405K lincRNA chr11	25734770	25781758	+	0	0
ENSG0000(OR5D2P unprocessε chr11	55714799	55715709	+	0	0

ENSG0000(RP11-867G antisense chr11	66312853	66319237	+	0	0.15
ENSG0000(RP11-91P2 antisense chr11	77829654	77872262	-	0	0
ENSG0000(RP11-939C sense_intrchr11	75506937	75508391	-	0	0
ENSG0000(RP11-755F antisense chr11	66259567	66261834	-	0.13	0
ENSG0000(TMX2-CTN protein_cochr11	57712605	57791586	+	0.51	0
ENSG0000(RP11-484D processed_chr11	43466392	43466871	+	0	0.35
ENSG0000(OR4A3P unprocessεchr11	54662580	54663450	+	0	0
ENSG0000(THAP12P4 processed_chr11	23478068	23480430	+	0	0
ENSG0000(OR4D10 protein_cochr11	59477373	59478396	+	0	0
ENSG0000(RP11-634B lincRNA chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-304M lincRNA chr11	112967	125927	-	0	0
ENSG0000(RP11-849H protein_cochr11	71865509	71928654	-	1.17	1.74
ENSG0000(AP5B1 protein_cochr11	65775893	65780802	-	5.26	5.62
ENSG0000(RP11-885L processed_chr11	79987513	79989630	+	0	0
ENSG0000(OR4A49P unprocessεchr11	49915013	49915644	-	0	0
ENSG0000(RP11-522I2 antisense chr9	83707594	83713378	+	2.27	2.61
ENSG0000(OR2AT1P unprocessεchr11	75131138	75131880	-	0	0
ENSG0000(AP000640. antisense chr11	59753015	59754975	-	0.57	0.08
ENSG0000(RP11-158Iε processed_chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(SLC25A1P1 processed_chr11	85934737	85935663	+	0	0
ENSG0000(RP11-23F2 lincRNA chr11	4187140	4202655	+	0.68	0
ENSG0000(PTP4A2P2 processed_chr11	1.34E+08	1.34E+08	-	0	0.16
ENSG0000(RP11-386B processed_chr11	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-23J9. unprocessεchr9	97238645	97246184	+	0	0
ENSG0000(CTA-797E1 sense_intrchr11	70319928	70321415	+	0	0.21
ENSG0000(RP11-380C antisense chr3	9292588	9363303	-	0	0.66
ENSG0000(RP13-631K lincRNA chr11	12030875	12061785	+	0.15	0.02
ENSG0000(RP11-707M unprocessεchr11	49817778	49825553	+	0	0
ENSG0000(RP11-65G9 lincRNA chrY	21038289	21044724	-	0	0
ENSG0000(RP5-1024C antisense chr11	30584130	30630508	+	0	0
ENSG0000(OR5M7P unprocessεchr11	56500300	56501271	-	0	0
ENSG0000(RP11-145C processed_chr8	13583889	13584533	-	0	0
ENSG0000(KB-1073A2 processed_chr8	1.02E+08	1.02E+08	+	0	0
ENSG0000(AP000487. antisense chr11	70358198	70358677	-	0	0
ENSG0000(CBX3P8 processed_chr11	49406190	49406714	+	0	0
ENSG0000(CTD-2560E antisense chr11	45253884	45254649	+	0	0
ENSG0000(CTD-2119L processed_chr11	36696317	36697867	+	0	0
ENSG0000(AC002056. antisense chr22	50740593	50743520	-	0	0
ENSG0000(RANP3 processed_chr11	74652636	74652911	+	0	0
ENSG0000(AP003068. antisense chr11	65110714	65111695	-	0	0
ENSG0000(FNTAL1 processed_chr11	86195132	86196266	+	0	0
ENSG0000(CTD-2521M processed_chr19	17417031	17418288	-	0	0
ENSG0000(CHMP4A protein_cochr14	24209583	24213869	-	31.26	24.45
ENSG0000(RP11-748H transcribec chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-481A transcribec chr8	12003400	12004082	-	0	0

ENSG0000(FBXO3-AS1 antisense chr11	33774699	33775670	+	0	0
ENSG0000(RP11-677N processed_ chr11	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-867G processed_ chr11	66409158	66417137	+	0.13	0
ENSG0000(RP11-876F lincRNA chr11	81970994	81987813	+	0	0
ENSG0000(PHBP2 processed_ chr11	43733759	43734564	+	0	0
ENSG0000(RP11-958J lincRNA chr11	45582525	45583474	+	0	0
ENSG0000(RP11-775A processed_ chr11	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-159D lincRNA chr11	37938601	37954663	+	0	0
ENSG0000(RP11-56P9 unprocessε chr11	48959928	48961810	+	0	0
ENSG0000(RP11-347H lincRNA chr11	50298579	50304656	+	0	0
ENSG0000(CTD-2210P processed_ chr11	45722308	45744254	+	0	0
ENSG0000(SIGLEC12 protein_co chr19	51491357	51501789	-	0	0
ENSG0000(RP11-113K processed_ chr11	83040806	83041403	-	0	0
ENSG0000(OR8I4P unprocessε chr11	56097244	56097384	-	0	0
ENSG0000(RP11-466I lincRNA chr11	29159956	29266734	+	0	0
ENSG0000(ENPP7P12 processed_ chr8	12205759	12206389	-	0	0
ENSG0000(RP11-728F antisense chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP11-583F unprocessε chr11	18863558	18864509	-	0	0
ENSG0000(RP11-460B lincRNA chr11	29335878	29594295	-	0	0
ENSG0000(FLJ20021 lincRNA chr4	1.01E+08	1.01E+08	+	10.38	9.63
ENSG0000(RP11-624D lincRNA chr11	30044058	30084343	-	0	0
ENSG0000(AF186192. lincRNA chr8	1.45E+08	1.45E+08	-	0	0
ENSG0000(RP11-748H unprocessε chr11	1.02E+08	1.02E+08	-	0	0
ENSG0000(PABPC4L protein_co chr4	1.34E+08	1.34E+08	-	0.16	0.14
ENSG0000(RP11-108K protein_co chr10	1.33E+08	1.33E+08	+	0.18	0.18
ENSG0000(RP1-130L2 processed_ chr11	33403216	33403605	+	0	0
ENSG0000(RP11-463D lincRNA chr8	73670441	73732897	+	0	0
ENSG0000(RP4-791M lincRNA chr1	1.49E+08	1.49E+08	+	1.72	1.63
ENSG0000(CTD-2140C antisense chr11	22361213	22362294	-	0	0
ENSG0000(RP11-583F unprocessε chr11	18886933	18887920	-	0	0
ENSG0000(NAV2-AS3 antisense chr11	19978699	19981337	-	0	0
ENSG0000(HSPD1P2 processed_ chr8	7891003	7892555	-	0	0
ENSG0000(PCNAP4 processed_ chr11	19274540	19275269	-	0	0
ENSG0000(RP11-84A1 antisense chr1	31789130	31791322	+	0	0
ENSG0000(RP11-113D processed_ chr11	18196657	18197337	+	0	0
ENSG0000(RP11-738C unprocessε chr11	55867569	55874537	-	0	0
ENSG0000(RP11-429J antisense chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(OMP protein_co chr11	77102840	77103331	+	0	0
ENSG0000(RP11-727A antisense chr11	83209431	83213379	-	0.08	0.09
ENSG0000(XIRP2-AS1 antisense chr2	1.67E+08	1.67E+08	-	0	0
ENSG0000(RP1-2705. protein_co chr1	32465057	32600792	+	0	0
ENSG0000(RP11-351I2 antisense chr11	10302657	10303704	-	0	0
ENSG0000(RP11-379J processed_ chr11	97908253	97908537	-	0	0
ENSG0000(AF131215. sense_intrε chr8	11136898	11138607	-	0.03	0
ENSG0000(RP11-102F antisense chr8	69713390	69719722	+	0	0

ENSG00000181101	RP11-81M: unprocessed	chr11	89863848	89865550	-	0	0
ENSG00000181102	RP11-304N	antisense chr11	203623	205470	+	0	0
ENSG00000181103	BBOX1-AS1	antisense chr11	27047186	27220113	-	0.78	1.64
ENSG00000181104	RP11-196E	antisense chr11	1.2E+08	1.2E+08	+	0.06	0.04
ENSG00000181105	LINC01493	lincRNA chr11	38646476	38674241	+	0	0
ENSG00000181106	RP11-673F	antisense chr11	78749250	78756480	+	0	0
ENSG00000181107	RP11-787P	processed chr11	23431677	23431799	+	0	0
ENSG00000181108	MTND2P2	processed chr11	1.03E+08	1.03E+08	-	0.06	0.06
ENSG00000181109	RP11-514F	lincRNA chr11	36321158	36323440	-	0	0
ENSG00000181110	UBTFL9	processed chr11	49133653	49134800	-	0	0
ENSG00000181111	RP11-664I	antisense chr11	1.25E+08	1.25E+08	+	0	0
ENSG00000181112	RP11-693N	unprocessed chr11	1.05E+08	1.05E+08	+	0	0
ENSG00000181113	RP11-60I3	antisense chr9	99915077	99929896	-	0	0
ENSG00000181114	GLULP3	processed chr11	1.23E+08	1.23E+08	-	0	0
ENSG00000181115	AP004550	lincRNA chr11	1.35E+08	1.35E+08	+	0	0
ENSG00000181116	RP11-429J	antisense chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000181117	RP11-3G2I	antisense chr8	14161297	14165359	+	0	0
ENSG00000181118	OR4C1P	unprocessed chr11	55509741	55510671	+	0	0
ENSG00000181119	RP11-484D	sense overl chr11	43390283	43395495	+	0	0
ENSG00000181120	CTD-2517N	antisense chr8	1.44E+08	1.44E+08	+	0	0
ENSG00000181121	RP11-407P	processed chr11	40445304	40447141	-	0	0
ENSG00000181122	RP11-677I	lincRNA chr11	1.06E+08	1.06E+08	-	0	0
ENSG00000181123	RP11-303G	processed chr8	12676035	12676389	-	0	0
ENSG00000181124	PSMA2P1	processed chr11	87329407	87330052	-	0	0
ENSG00000181125	RP11-15D1	processed chr11	13478333	13479037	+	0	0
ENSG00000181126	RP1-17K7.2	antisense chr11	32035981	32041318	-	0	0
ENSG00000181127	MAGEL2	protein_coding chr15	23643544	23647841	-	0.01	0.1
ENSG00000181128	RP11-358H	lincRNA chr11	17695022	17697471	+	0	0
ENSG00000181129	RP11-360K	lincRNA chr11	96590317	96713822	+	0	0
ENSG00000181130	RP11-1007	antisense chr11	1.29E+08	1.29E+08	+	0	0
ENSG00000181131	EIF4A2P3	processed chr11	58242043	58243097	-	0.17	0.06
ENSG00000181132	RP11-334E	processed chr11	1.19E+08	1.19E+08	+	0	0
ENSG00000181133	RP11-822P	processed chr11	1.28E+08	1.28E+08	+	0	0
ENSG00000181134	RP5-1173A	antisense chr11	3336721	3340630	+	0	0
ENSG00000181135	OR7E126P	unprocessed chr11	71903194	71904081	+	0	0
ENSG00000181136	RP11-2F20	lincRNA chr11	24235477	24262218	-	0	0
ENSG00000181137	CTD-2010I	processed chr11	6488186	6489377	-	0	0.53
ENSG00000181138	CTD-3074C	processed chr11	66454234	66454581	+	0	0
ENSG00000181139	FAM90A10	unprocessed chr8	7768977	7771988	+	0	0
ENSG00000181140	CSNK2A3	protein_coding chr11	11351942	11353357	-	0.1	0.1
ENSG00000181141	RP11-115E	lincRNA chr11	98676391	98683735	+	0	0
ENSG00000181142	CYCSP26	processed chr11	58005386	58005705	+	0	0
ENSG00000181143	AP000662	sense overl chr11	57638024	57652790	+	0.23	0.68
ENSG00000181144	OR5M6P	unprocessed chr11	56512235	56513171	-	0	0
ENSG00000181145	AP000487	antisense chr11	70282367	70363368	-	0	0

ENSG00000100000	RP11-626H lincRNA	chr11	70014858	70021059	-	0	0
ENSG00000100000	RP11-22P4 lincRNA	chr11	28516832	28519341	+	0	0
ENSG00000100000	RP11-115C antisense	chr11	1.27E+08	1.27E+08	+	0	1.17
ENSG00000100000	RP11-719K unprocessed	chr16	14727282	14733347	-	0	0
ENSG00000100000	RP5-903G2 lincRNA	chr11	67934563	67955802	-	0	0.07
ENSG00000100000	RP11-676M processed	chr11	1.28E+08	1.28E+08	-	0	0.21
ENSG00000100000	OR6M2P unprocessed	chr11	1.24E+08	1.24E+08	-	0	0
ENSG00000100000	AP003068. antisense	chr11	65177606	65181834	-	1.59	1.4
ENSG00000100000	RP11-395G lincRNA	chr8	1.06E+08	1.06E+08	+	1.26	1.22
ENSG00000100000	RP11-700F processed	chr11	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	AP000648. unprocessed	chr11	89887366	89889991	+	0	0
ENSG00000100000	TMED10P1 processed	chr8	1.45E+08	1.45E+08	+	0	0
ENSG00000100000	RP11-646J lincRNA	chr11	33810145	33811178	+	0	0
ENSG00000100000	RP5-907D1 lincRNA	chr20	58594417	58603973	+	0	0
ENSG00000100000	SETP16 processed	chr11	1.19E+08	1.19E+08	-	0	0
ENSG00000100000	NAV2-AS4 antisense	chr11	19510890	19519896	-	0	0
ENSG00000100000	DEFB108P4 unprocessed	chr8	12341426	12345776	-	0	0
ENSG00000100000	OR4R3P unprocessed	chr11	49923049	49923886	+	0	0
ENSG00000100000	GS1-24F4.3 antisense	chr8	6928608	6930473	+	0	0
ENSG00000100000	RP11-27G2 lincRNA	chr11	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	RP1-17K7.1 sense_intr	chr11	32064912	32072173	+	0	0
ENSG00000100000	RP11-160H processed	chr11	83789977	83791578	-	0	0.04
ENSG00000100000	CTD-2530H sense_intr	chr11	75635883	75638587	-	0	0
ENSG00000100000	RP11-702H antisense	chr11	74397549	74485742	+	0	0
ENSG00000100000	RP11-21L2. antisense	chr11	76759916	76768223	-	0	0
ENSG00000100000	RP11-23J9. unitary_ps	chr9	97276566	97295759	+	0	0
ENSG00000100000	SMG1P6 unprocessed	chr16	29425800	29447026	-	0.2	0.18
ENSG00000100000	WAC-AS1 antisense	chr10	28522652	28532743	-	8.07	6.84
ENSG00000100000	ARMS2 protein_co	chr10	1.22E+08	1.22E+08	+	0.16	0
ENSG00000100000	OR4A18P unprocessed	chr11	49917391	49918478	-	0	0
ENSG00000100000	RP11-356J. antisense	chr11	1.12E+08	1.12E+08	-	0	0
ENSG00000100000	CTD-2589M lincRNA	chr11	46238382	46239267	+	0.1	0.11
ENSG00000100000	RP11-732A sense_ove	chr11	6608667	6610135	-	0	0
ENSG00000100000	COX6CP5 processed	chr11	7977481	7977708	+	0	0
ENSG00000100000	RP11-5A11 processed	chr8	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	RP11-396C lincRNA	chr11	15701963	15758898	-	0	0
ENSG00000100000	OR8B10P unprocessed	chr11	1.25E+08	1.25E+08	-	0	0
ENSG00000100000	INS protein_co	chr11	2159779	2161341	-	0	0
ENSG00000100000	RP11-713P lincRNA	chr11	1.34E+08	1.34E+08	-	0.11	0
ENSG00000100000	RP11-452H antisense	chr11	78388061	78392405	+	0	0
ENSG00000100000	MTCYBP41 processed	chr11	87815035	87816157	-	0	0
ENSG00000100000	RP11-430H lincRNA	chr11	45399448	45400528	+	0	0
ENSG00000100000	RP11-702F lincRNA	chr11	46116578	46117318	+	0.11	0.25
ENSG00000100000	AC068858. lincRNA	chr11	44973902	44978028	+	0	0
ENSG00000100000	RP11-529A processed	chr11	89960422	89960624	+	0	0

ENSG0000(RTL1	protein_co	chr14	1.01E+08	1.01E+08	-	0	0.01
ENSG0000(OR8J2	polymorph	chr11	56210873	56211820	-	0	0
ENSG0000(RP11-262A	lincRNA	chr11	1.1E+08	1.1E+08	-	0	0
ENSG0000(CTD-3051L	processed_	chr11	56509573	56510195	+	0	0
ENSG0000(RP11-222N	lincRNA	chr11	15910957	15927443	+	0	0
ENSG0000(RP11-872D	antisense	chr11	57325603	57327958	+	0.66	0
ENSG0000(OR4A11P	unprocessε	chr11	55318560	55319465	+	0	0
ENSG0000(CTD-2560E	antisense	chr11	45215815	45235292	-	0	0
ENSG0000(RP11-152H	antisense	chr11	8693357	8696607	+	0	0
ENSG0000(RP11-375D	processed_	chr11	41797543	41797964	+	0	0
ENSG0000(RP5-945117	lincRNA	chr11	35579430	35585310	-	0	0
ENSG0000(CTC-497E2	lincRNA	chr11	13001090	13009159	-	0	0
ENSG0000(STT3A-AS1	antisense	chr11	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP5-91601	processed_	chr11	35967010	35968676	-	0	0
ENSG0000(RP11-598P	protein_co	chr8	43018424	43077334	+	0	0
ENSG0000(OR4A42P	unprocessε	chr11	48610063	48611000	+	0	0
ENSG0000(RP11-7115.	antisense	chr11	78022933	78023721	+	0	0
ENSG0000(RP11-727A	sense_ovei	chr11	83180144	83184520	+	0.07	0.3
ENSG0000(OSBPL9P2	processed_	chr11	91114724	91115951	-	0	0
ENSG0000(RP11-109L	processed_	chr11	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-265D	antisense	chr11	12261426	12263173	-	0	0.33
ENSG0000(PKD1P5	transcribec	chr16	18374521	18401940	-	1.49	2.85
ENSG0000(RP11-660L	antisense	chr11	71448674	71452157	+	0.79	0.43
ENSG0000(SNRPCP6	processed_	chr8	7143632	7143841	-	0	0
ENSG0000(RP11-88211	processed_	chr11	85336075	85336572	-	0	0
ENSG0000(FPGT	protein_co	chr1	74198212	74234086	+	5.22	5.95
ENSG0000(RP1-276E1	lincRNA	chr11	35656694	35661339	+	0	0
ENSG0000(RP11-162D	antisense	chr8	53177571	53242683	+	0	0.23
ENSG0000(RP11-47J11	antisense	chr11	12822435	12823667	-	0	0
ENSG0000(RP11-354A	lincRNA	chr8	81885377	81923193	+	0	0
ENSG0000(GS1-393G1	antisense	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-91P2	antisense	chr11	77850604	77851511	+	0	0
ENSG0000(RP11-468E	protein_co	chr14	24189157	24213473	-	0	7.2
ENSG0000(RP11-58K2	antisense	chr11	44604508	44605337	-	0	0
ENSG0000(RP11-50B3	antisense	chr11	1.26E+08	1.26E+08	-	0.5	0.28
ENSG0000(RP11-396C	lincRNA	chr11	15643885	15705368	+	0	0
ENSG0000(RP11-72M:	unprocessε	chr11	55282502	55282977	+	0	0
ENSG0000(COPS8P3	processed_	chr11	78581675	78582156	+	0	0
ENSG0000(RP11-659G	sense_ovei	chr11	82963681	83039115	-	0	0
ENSG0000(RP11-12D1	lincRNA	chr11	86192787	86193482	-	0	0
ENSG0000(RP11-1236	processed_	chr8	12043506	12043670	-	0	0
ENSG0000(RP11-1415	unprocessε	chr5	70197255	70207745	-	3.69	1.91
ENSG0000(CTD-2651C	processed_	chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(SENCRCR	antisense	chr11	1.29E+08	1.29E+08	-	3.02	2.82
ENSG0000(RP11-1036	processed_	chr11	59287339	59289486	-	0	0

ENSG0000(RP11-675M) antisense	chr11	92400191	92408176	-	0	0
ENSG0000(RP11-565P) protein_coding	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(RP11-35J1) antisense	chr11	7705288	7709517	+	0.13	0
ENSG0000(RP1-145M) processed_transcript	chr11	34335118	34336003	-	0.07	0
ENSG0000(IGLL5) protein_coding	chr22	22887780	22896107	+	0	0
ENSG0000(CTD-2216A) antisense	chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-560B) processed_transcript	chr11	6843664	6844666	-	0	0
ENSG0000(HNRNPA1F) processed_transcript	chr11	84545131	84546846	-	0	0
ENSG0000(RP11-163C) unprocessed_transcript	chr11	49850629	49862528	+	0	0
ENSG0000(OR7E154P) unprocessed_transcript	chr8	7705182	7706113	-	0	0
ENSG0000(GLYATL1P2) transcribed_unit	chr11	58878302	58893460	+	0	0.16
ENSG0000(CTD-2184C) antisense	chr14	60240121	60248765	-	0	0.19
ENSG0000(RP11-351I) processed_transcript	chr11	10272052	10272259	-	0	0
ENSG0000(RP11-583F) unprocessed_transcript	chr11	18971746	18972703	-	0	0
ENSG0000(RP11-805J) antisense	chr11	70206291	70207390	-	0.25	0.1
ENSG0000(FAM8A2P) unprocessed_transcript	chr11	56331347	56332488	-	0	0
ENSG0000(OR4A12P) unprocessed_transcript	chr11	55325756	55326673	+	0	0
ENSG0000(OR7E10P) unprocessed_transcript	chr8	12703066	12704056	-	0	0
ENSG0000(RP11-111A) processed_transcript	chr11	43065686	43066076	-	0	0
ENSG0000(MEX3A) protein_coding	chr1	1.56E+08	1.56E+08	-	1.24	1.27
ENSG0000(PTP4A1P6) transcribed_unit	chr11	86432098	86432575	+	0	0
ENSG0000(RP11-56P9) unprocessed_transcript	chr11	48881723	48902181	-	0	0
ENSG0000(RP11-801G) processed_transcript	chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000(CTD-2005H) lincRNA	chr11	86703099	86714092	+	0	0.21
ENSG0000(RP11-691N) protein_coding	chr11	57742163	57793243	+	0.55	0.42
ENSG0000(RP11-317J) antisense	chr11	86431590	86622867	+	0	0
ENSG0000(CTD-3138F) lincRNA	chr11	29713909	29881714	+	0	0
ENSG0000(HMGB1P4) processed_transcript	chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(BRD9P1) processed_transcript	chr11	66389609	66390168	+	0	0
ENSG0000(OR10G4) protein_coding	chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-583F) unprocessed_transcript	chr11	18956055	18957015	-	0	0
ENSG0000(RP13-46H2) antisense	chr11	528907	529659	+	0	0
ENSG0000(RP11-334E) antisense	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-661A) antisense	chr8	1.44E+08	1.44E+08	+	0.33	0.16
ENSG0000(OR10V3P) unprocessed_transcript	chr11	59741325	59742049	+	0	0
ENSG0000(CTD-3076C) antisense	chr15	99970215	99974010	+	0	0.14
ENSG0000(RP11-958J) processed_transcript	chr11	45489689	45542474	-	0	0
ENSG0000(MTND4LP1) processed_transcript	chr11	81552226	81552516	+	0	0
ENSG0000(HNRNPCP8) processed_transcript	chr11	87024583	87025777	+	0	0
ENSG0000(OR5BD1P) unprocessed_transcript	chr11	57945598	57946414	-	0	0
ENSG0000(CASP1P2) unprocessed_transcript	chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(TRIM64DP) transcribed_unit	chr11	89776981	89782377	+	0	0
ENSG0000(OR5M2P) unprocessed_transcript	chr11	56479492	56480427	-	0	0
ENSG0000(RP11-480C) lincRNA	chr8	13844101	13849109	-	0	0
ENSG0000(RP11-20J1) lincRNA	chr11	25924188	25926808	+	0	0

ENSG0000(RP11-672A processed_ chr11	76591023	76591211	+	0	0
ENSG0000(RP11-867G antisense chr11	66334494	66339875	+	0.14	0
ENSG0000(RP13-726E lincRNA chr11	3469319	3531328	+	0	0
ENSG0000(AP000889. unprocessε chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(NAP1L1P1 processed_ chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(CTD-2616J: antisense chr19	51414298	51414965	+	0	0
ENSG0000(RP11-867G antisense chr11	66267635	66268129	-	0	0
ENSG0000(TRIM53CP unprocessε chr11	48985871	48991881	-	0	0
ENSG0000(RP11-1H15 processed_ chr11	9958744	9959790	-	0	0
ENSG0000(OR2AL1P unprocessε chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(CTD-2140C antisense chr11	22283730	22338245	-	0	0
ENSG0000(OR4A4P unprocessε chr11	54659666	54660595	+	0	0
ENSG0000(OR4D7P unprocessε chr11	59531754	59532695	+	0	0
ENSG0000(RP11-50B3 processed_ chr11	1.26E+08	1.26E+08	-	0	0
ENSG0000(EEF1G protein_co chr11	62559601	62574086	-	802.5	787.59
ENSG0000(RP11-148C antisense chr8	11553224	11554207	-	0	0
ENSG0000(RP11-27P7 lincRNA chr8	60049587	60074715	+	0	0
ENSG0000(AC084121. unprocessε chr8	7793716	7795870	-	0	0
ENSG0000(AC022182. lincRNA chr8	60910053	60966557	+	0	0
ENSG0000(EGLN1P1 transcribed chr15	84633874	84634635	+	0.43	0.66
ENSG0000(RP11-7931I processed_ chr11	47905323	47905607	-	0	0
ENSG0000(GVINP2 processed_ chr11	6748131	6750324	+	0	0
ENSG0000(RP11-320L processed_ chr11	86283927	86284668	+	1.05	0.97
ENSG0000(LRRC6P1 processed_ chr11	38211389	38212799	+	0	0
ENSG0000(RP11-81M: unprocessε chr11	89895799	89900449	-	0	0
ENSG0000(RP11-142C unprocessε chr11	58995439	58999689	-	0	0
ENSG0000(CTD-2537C antisense chr11	84720826	84800701	+	0	0
ENSG0000(CKLF-CMTI protein_co chr16	66552587	66579135	+	1.25	1.75
ENSG0000(RP11-531H lincRNA chr11	15571819	15622403	-	0	0
ENSG0000(RP11-680F lincRNA chr11	1.26E+08	1.26E+08	-	0.15	0.1
ENSG0000(FAR1-IT1 sense_intrε chr11	13669327	13670149	+	0	0
ENSG0000(RP11-119D processed_ chr11	67840942	67841049	+	0	0
ENSG0000(FDPSP4 processed_ chr15	42939310	42940358	-	0.06	0
ENSG0000(RP11-665E processed_ chr11	87917948	87917999	-	0	0
ENSG0000(OR5AP1P unprocessε chr11	56633164	56634103	-	0	0
ENSG0000(RP11-1118 processed_ chr8	7601004	7601267	+	0	0
ENSG0000(TFAMP2 processed_ chr11	1.1E+08	1.1E+08	-	0	0
ENSG0000(SLC25A47P processed_ chr11	59263389	59263802	-	0	0
ENSG0000(RP11-163C processed_ chr11	49882999	49884093	+	0	0
ENSG0000(CTD-2132H processed_ chr11	49070752	49071000	-	0	0
ENSG0000(AC022182. lincRNA chr8	60965802	60967775	-	0.57	0.17
ENSG0000(RP11-529A processed_ chr11	90049945	90050266	+	0	0
ENSG0000(RP11-674C lincRNA chr11	55684141	55686160	-	0	0.3
ENSG0000(SNRPCP14 processed_ chr11	71690453	71690657	-	0	0
ENSG0000(SYS1-DBNC protein_co chr20	45363200	45410610	+	0.26	0.97

ENSG00000100000	OR10AK1P	unprocessed	chr11	55957216	55957630	-	0	0
ENSG00000100000	RP11-672A	lincRNA	chr11	76654169	76656712	-	0.94	0.23
ENSG00000100000	RP11-680E	transcribed	chr11	1.06E+08	1.06E+08	+	0	0.04
ENSG00000100000	RP11-661A	antisense	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000100000	RP11-252C	lincRNA	chr8	12765849	12811478	-	0	0
ENSG00000100000	RP11-535A	antisense	chr11	75800877	75803415	-	0	0
ENSG00000100000	RP11-496I	antisense	chr11	557595	560107	+	0.03	0
ENSG00000100000	RP11-670N	processed	chr11	21169748	21170137	+	0	0
ENSG00000100000	OR7E160P	unprocessed	chr8	12033646	12034612	-	0	0
ENSG00000100000	RP11-529A	unprocessed	chr11	89944035	89949402	+	0	0
ENSG00000100000	RP11-430L	lincRNA	chr11	26285711	26288007	-	0	0
ENSG00000100000	CTD-2019C	lincRNA	chr11	22113448	22117001	+	0	0
ENSG00000100000	RP3-400B1	antisense	chr6	4135423	4146053	+	0	0
ENSG00000100000	RP11-375D	lincRNA	chr11	41876634	41877078	+	0	0
ENSG00000100000	RP11-109E	lincRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG00000100000	RP11-370I	processed	chr11	1.03E+08	1.03E+08	-	0	0
ENSG00000100000	OR9G2P	unprocessed	chr11	56751023	56751902	-	0	0
ENSG00000100000	CTD-2530H	sense_intr	chr11	75775904	75776929	+	0	0
ENSG00000100000	SLC22A18A	protein_co	chr11	2887780	2903740	-	0	0.33
ENSG00000100000	RP11-72M	unprocessed	chr11	55302290	55305060	-	0	0
ENSG00000100000	RP11-7I15	antisense	chr11	78015715	78016495	+	0	0
ENSG00000100000	RP11-99C1	lincRNA	chr11	98938912	98945079	-	0	0
ENSG00000100000	KRT18P58	processed	chr11	5993876	5994995	-	0	0
ENSG00000100000	OR4A40P	unprocessed	chr11	48512273	48513220	+	0	0
ENSG00000100000	RP11-50B3	lincRNA	chr11	1.26E+08	1.26E+08	+	0	0
ENSG00000100000	OR5M10	protein_co	chr11	56576774	56577721	-	0	0
ENSG00000100000	RNF185-AS	antisense	chr22	31205264	31205616	-	0	0
ENSG00000100000	RP1-17K7.3	antisense	chr11	32052843	32053260	-	0	0
ENSG00000100000	AP001372	lincRNA	chr11	74493366	74498533	+	2.04	2.27
ENSG00000100000	GVINP1	transcribed	chr11	6713536	6746439	-	0.12	0.08
ENSG00000100000	AF131215	lincRNA	chr8	11062647	11067089	-	0	0
ENSG00000100000	RP11-574M	transcribed	chr11	50307681	50361706	+	0	0
ENSG00000100000	OR4V1P	unprocessed	chr11	55673536	55674675	+	0	0
ENSG00000100000	RP11-890B	lincRNA	chr11	1.31E+08	1.31E+08	-	0.03	0.03
ENSG00000100000	XIAPP2	processed	chr11	87094734	87096585	-	0	0.07
ENSG00000100000	RP11-728F	antisense	chr11	1.18E+08	1.18E+08	+	0	0
ENSG00000100000	RP11-203M	antisense	chr14	20344233	20346888	-	0	0
ENSG00000100000	RP11-51B2	lincRNA	chr11	12538083	12540967	-	0	0
ENSG00000100000	OR5BN1P	unprocessed	chr11	56132666	56133494	-	0	0
ENSG00000100000	RP5-901A4	processed	chr11	67935558	67935926	+	0	0
ENSG00000100000	RP11-109L	unprocessed	chr11	1.17E+08	1.17E+08	+	0	0
ENSG00000100000	NPIPA2	protein_co	chr16	14748066	14765413	+	0	0.95
ENSG00000100000	RP11-659P	processed	chr11	58072378	58075438	-	0	0
ENSG00000100000	CTD-2523D	antisense	chr11	1.2E+08	1.2E+08	+	0	0
ENSG00000100000	RP11-867G	antisense	chr11	66264777	66265666	-	0.32	0.35

ENSG0000(NDUFA3P2 processed_ chr11	68488609	68488840	-	0	0
ENSG0000(RP11-113D processed_ chr11	18153277	18154255	+	0	0
ENSG0000(MPV17L2 protein_co chr19	18193182	18196948	+	6.14	5.03
ENSG0000(RP11-661A antisense chr8	1.44E+08	1.44E+08	-	0.91	1.66
ENSG0000(TMEM9B-A antisense chr11	8964675	8977527	+	1.15	1.88
ENSG0000(RP11-945A lincRNA chr11	23761330	23804598	-	0	0
ENSG0000(RP11-159H antisense chr11	27471729	27482433	+	0.15	0.05
ENSG0000(RP11-831A lincRNA chr11	1.2E+08	1.2E+08	-	0	0
ENSG0000(CTD-2516F antisense chr11	7568866	7572046	-	0	0
ENSG0000(RP11-748C antisense chr11	10149192	10165109	+	0	0
ENSG0000(DEFB109P3 processed_ chr8	12150895	12151134	-	0	0
ENSG0000(RP11-1167 processed_ chr11	65983679	65984331	-	0	0
ENSG0000(RP11-91I2(lincRNA chr8	60652502	60653561	-	0	0
ENSG0000(ATP6V1G2: protein_co chr6	31530219	31546608	-	1.41	0.35
ENSG0000(RP11-702F processed_ chr11	46142716	46143594	+	0	0
ENSG0000(RP13-870H lincRNA chr11	1049880	1055749	+	0	0
ENSG0000(RP11-770J: antisense chr11	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP11-676F lincRNA chr11	92965797	92966603	+	0	0
ENSG0000(RP11-23J9. processed_ chr9	97238449	97297314	+	0.32	0.58
ENSG0000(RP11-142C processed_ chr11	58967596	58968291	-	0	0
ENSG0000(CTD-3096P antisense chr11	16023190	16031515	+	0	0
ENSG0000(PTPRJ-AS1 antisense chr11	48014406	48015855	-	0	0
ENSG0000(PKNOX2-A: lincRNA chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-655N processed_ chr11	67744322	67744645	+	0.61	0
ENSG0000(PRR13P2 processed_ chr11	9311284	9311689	-	0	0
ENSG0000(RP11-802F lincRNA chr11	79191558	79193160	+	0.14	0.29
ENSG0000(OR4A10P unprocessε chr11	55431957	55432367	+	0	0
ENSG0000(CTC-378H2 processed_ chr19	42132555	42137099	+	0.65	0.72
ENSG0000(RP11-716D processed_ chr11	90074839	90075096	-	0	0
ENSG0000(AC084121. processed_ chr8	7696830	7697093	-	0	0
ENSG0000(RP11-10A7 processed_ chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000(OR4A9P unprocessε chr11	55388529	55389472	+	0	0
ENSG0000(RP11-334E processed_ chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(AC113404. protein_co chr5	76170093	76174331	-	0	0
ENSG0000(NAV2-AS1 antisense chr11	20119684	20120632	-	0	0
ENSG0000(MTCO3P15 processed_ chr11	1.03E+08	1.03E+08	-	0.12	0
ENSG0000(OPCML-IT1 sense_intr(chr11	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-482L processed_ chr11	85452282	85453698	-	0	0
ENSG0000(RP11-513D antisense chr8	38335981	38337551	+	0	0
ENSG0000(RP11-152H antisense chr11	8679089	8680913	+	0	0
ENSG0000(BORCS8 protein_co chr19	19176903	19192591	-	9.72	7.54
ENSG0000(ANO1-AS1 antisense chr11	70187788	70188509	-	0	0
ENSG0000(OR8L1P unprocessε chr11	56381635	56382589	+	0	0
ENSG0000(RP11-712L(antisense chr11	1.26E+08	1.26E+08	-	0	0.34
ENSG0000(RP11-701I(antisense chr11	20670425	20671297	-	0	0

ENSG0000(RP11-484D antisense chr11	43328748	43359296	-	0	0
ENSG0000(RP11-110I1 processed_ chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-326C antisense chr11	310139	311141	-	2.19	1.07
ENSG0000(SCARNA9 antisense chr11	93721513	93721865	+	0.26	0.29
ENSG0000(RP11-632K unprocessε chr15	32494003	32500346	-	0	0
ENSG0000(RP4-791M: antisense chr1	1.49E+08	1.49E+08	-	0	0
ENSG0000(CTD-2537L processed_ chr11	42939775	42939998	+	0	0
ENSG0000(RP11-263C processed_ chr11	75942129	75942435	-	0	0
ENSG0000(RP11-529A unprocessε chr11	90051837	90053736	-	0	0
ENSG0000(OR7E15P unprocessε chr8	12696307	12697273	-	0	0
ENSG0000(RP11-698N antisense chr11	35915051	35918739	-	0	0
ENSG0000(RP11-56P9 unprocessε chr11	48893256	48898703	+	0	0
ENSG0000(RP11-236J: antisense chr11	8035446	8039718	-	0	0
ENSG0000(RP11-1236 processed_ chr8	12128107	12129298	-	0	0
ENSG0000(RP11-684B processed_ chr11	71506061	71506380	-	0	0
ENSG0000(OR4C9P unprocessε chr11	48464053	48464977	-	0	0
ENSG0000(AP000445. unprocessε chr11	58748999	58761053	-	0	0
ENSG0000(RP11-98J9. lincRNA chr11	13826843	13879499	-	0	0
ENSG0000(RP11-702H antisense chr11	74455348	74456825	+	0	0
ENSG0000(RP11-144G processed_ chr10	47517816	47553514	-	1.81	1.15
ENSG0000(RP11-98J9. lincRNA chr11	13844862	13870616	-	0	0
ENSG0000(MTATP6P1 processed_ chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-687N antisense chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-619A antisense chr11	76190725	76195071	+	0	0
ENSG0000(LINC00678 lincRNA chr11	27617626	27634627	-	0	0
ENSG0000(RP11-266E processed_ chr11	1.23E+08	1.23E+08	+	0	0
ENSG0000(AF131215.: sense_intrε chr8	11123381	11126064	-	0	0
ENSG0000(RP11-728D unprocessε chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-688Iε lincRNA chr11	1.27E+08	1.27E+08	-	0	0
ENSG0000(CTD-2342Iε processed_ chr11	98565074	98566827	-	0	0
ENSG0000(OR4A19P unprocessε chr11	49920312	49921414	-	0	0
ENSG0000(RP11-677N processed_ chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP5-1160K antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-664Iε antisense chr11	1.25E+08	1.25E+08	+	0	0
ENSG0000(ATP5F1P5 processed_ chr11	1.23E+08	1.23E+08	+	0.17	0
ENSG0000(RP11-531H lincRNA chr11	15552855	15591098	+	0.25	0.14
ENSG0000(OR8K4P unprocessε chr11	56142516	56143387	-	0	0
ENSG0000(OR7E158P unprocessε chr8	11919900	11920809	-	0	0
ENSG0000(GNG5P3 processed_ chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-494N sense_ovei chr11	7754393	7905955	-	0.04	0
ENSG0000(AP001257. lincRNA chr11	60159687	60160822	-	0	0
ENSG0000(RP11-100N processed_ chr11	56736316	56736462	-	0	0
ENSG0000(SLC2A13P1 processed_ chr8	60141821	60142142	+	0	0
ENSG0000(RP11-179A processed_ chr11	11135482	11137658	+	0	0
ENSG0000(INMT-MINI protein_co chr7	30752137	30892081	+	0	0

ENSG0000(KIRREL3-AS1 antisense)	chr11	1.27E+08	1.27E+08	+	0	0
ENSG0000(TUBB4BP4 processed)	chr11	91949731	91950034	-	0	0
ENSG0000(OR4A14P unprocessed)	chr11	55477551	55478509	+	0.07	0.8
ENSG0000(CTD-2562J antisense)	chr11	75264289	75265170	+	0	0
ENSG0000(RP11-831H antisense)	chr11	62606161	62606405	+	0	0
ENSG0000(C1DP5 processed)	chr11	83111060	83111442	-	0	0
ENSG0000(RP11-1081 antisense)	chr11	18706537	18740568	+	0.36	0
ENSG0000(RP11-65M: lincRNA)	chr11	1.12E+08	1.13E+08	+	0	0
ENSG0000(RP11-313I: lincRNA)	chr11	89753982	89754953	-	0	0
ENSG0000(RP11-167J: lincRNA)	chr11	71701268	71705404	-	0	0
ENSG0000(RP11-429J: lincRNA)	chr8	1.44E+08	1.44E+08	-	0.03	0
ENSG0000(RP11-702H processed)	chr11	74485580	74486051	-	0	0
ENSG0000(RP11-672A lincRNA)	chr11	76675079	76703195	+	0	0
ENSG0000(OR8B7P unprocessed)	chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(ALG1L9P transcribed)	chr11	71800541	71804640	-	0	0.14
ENSG0000(RP11-872D protein_coding)	chr11	57387365	57424059	-	0.8	1.41
ENSG0000(RP11-794P antisense)	chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-350N antisense)	chr8	38400536	38401683	-	0	0
ENSG0000(RP11-573E sense_intronic)	chr11	12303533	12308216	+	0	0
ENSG0000(FTLP6 processed)	chr11	66771246	66771667	-	0	0
ENSG0000(RSF1-IT2 sense_intronic)	chr11	77717712	77718411	-	0	0
ENSG0000(DPP3 protein_coding)	chr11	66480013	66509657	+	15.19	15.53
ENSG0000(RP11-563P lincRNA)	chr11	1.04E+08	1.04E+08	-	0.76	0.42
ENSG0000(CTD-2547H antisense)	chr11	76955417	76978619	-	0	0
ENSG0000(RP11-469N lincRNA)	chr11	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-108O lincRNA)	chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP13-631K lincRNA)	chr11	12066929	12073014	+	0	0
ENSG0000(RP11-215H processed)	chr11	1.18E+08	1.18E+08	-	0	0
ENSG0000(TRIM77BP unprocessed)	chr11	49117019	49124570	-	0	0
ENSG0000(STX16-NPE protein_coding)	chr20	58651434	58715410	+	1.25	0.74
ENSG0000(ANKHD1-El protein_coding)	chr5	1.4E+08	1.41E+08	+	9.88	8.36
ENSG0000(KRTAP5-9 protein_coding)	chr11	71548418	71549553	+	0	0
ENSG0000(RP11-94P1 lincRNA)	chr11	1.05E+08	1.06E+08	-	0	0
ENSG0000(BRK1 protein_coding)	chr3	10115592	10127190	+	112.32	104.62
ENSG0000(AC139103. processed)	chr8	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-347H processed)	chr11	50290749	50290933	+	0	0
ENSG0000(CTD-2509C lincRNA)	chr14	65212893	65222347	-	0.08	0.05
ENSG0000(CYCSP28 processed)	chr11	83328926	83329246	+	0	0
ENSG0000(RP1-68D18 antisense)	chr11	35281813	35286009	+	0	0
ENSG0000(RP11-90K1 antisense)	chr11	85916502	85923682	-	0	0
ENSG0000(ELOCP22 processed)	chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(CTD-2589M antisense)	chr11	46256355	46274547	-	0.26	0.29
ENSG0000(AP000442. lincRNA)	chr11	59561146	59566074	-	0	0.09
ENSG0000(UBTFL1 protein_coding)	chr11	90085950	90087131	+	0	0
ENSG0000(RP11-113K processed)	chr11	83106580	83106961	-	0	0

ENSG00000100000	RP11-529A	unprocessed	chr11	90071136	90073055	+	0	0
ENSG00000100000	OR5M1	protein_coding	chr11	56612555	56613502	-	0	0
ENSG00000100000	ARL6IP1P3	processed	chr11	80653429	80653988	-	0	0
ENSG00000100000	RP11-716H	lincRNA	chr11	1.22E+08	1.22E+08	-	0	0.49
ENSG00000100000	RP11-481A	processed	chr8	12025244	12025598	-	0	0
ENSG00000100000	RP11-413N	processed	chr11	13152200	13152348	+	0	0
ENSG00000100000	OR5D15P	unprocessed	chr11	55786964	55787905	+	0	0
ENSG00000100000	AF131216.1	antisense	chr8	11345748	11347502	-	0	0.06
ENSG00000100000	RP11-536I	lincRNA	chr3	14272373	14303845	-	0	0
ENSG00000100000	RP11-665E	processed	chr11	87816224	87816524	+	0	0
ENSG00000100000	AF228730.1	processed	chr8	7238286	7238631	-	0	0
ENSG00000100000	RP11-326C	antisense	chr11	287305	288987	+	0	0
ENSG00000100000	RP11-680F	antisense	chr11	1.26E+08	1.26E+08	-	0	0
ENSG00000100000	RP11-708B	antisense	chr11	1.09E+08	1.1E+08	-	0	0
ENSG00000100000	CTD-3012A	lincRNA	chr11	29519076	29552639	+	0	0
ENSG00000100000	OR8B5P	unprocessed	chr11	1.24E+08	1.24E+08	-	0	0
ENSG00000100000	RP11-802E	antisense	chr11	68050740	68053762	+	2.26	2.68
ENSG00000100000	RP11-45A1	lincRNA	chr11	44719392	44736692	-	0	0
ENSG00000100000	SERPINA15	processed	chr8	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	SDHCP4	processed	chr11	17435672	17436181	-	0	0
ENSG00000100000	RP11-23J9.1	processed	chr9	97238497	97377287	+	0.23	0
ENSG00000100000	RP11-680G	unprocessed	chr16	14766402	14770075	-	0	0
ENSG00000100000	RP11-1167	antisense	chr11	66067277	66069619	-	0.3	0.33
ENSG00000100000	RP11-882G	lincRNA	chr11	97222644	97259987	-	0	0
ENSG00000100000	RP11-677N	processed	chr11	14673606	14674555	-	0	0
ENSG00000100000	RP11-430H	lincRNA	chr11	45387215	45513802	-	0	0
ENSG00000100000	RP11-347H	transcribed	chr11	50279828	50298452	-	0	0
ENSG00000100000	NAV2-AS5	antisense	chr11	19502672	19507229	-	0	0
ENSG00000100000	RP11-677M	antisense	chr11	1.25E+08	1.25E+08	-	0	0
ENSG00000100000	RP11-297N	lincRNA	chr8	11797928	11802568	-	0.32	1.17
ENSG00000100000	HNRNPRP2	processed	chr11	29668886	29669628	-	0	0
ENSG00000100000	OR8X1P	unprocessed	chr11	1.24E+08	1.24E+08	-	0	0
ENSG00000100000	RP11-661A	antisense	chr8	1.44E+08	1.44E+08	+	0	0
ENSG00000100000	BCAS2P1	processed	chr11	83132056	83134737	+	0	0
ENSG00000100000	FAM66D	antisense	chr8	12115782	12177550	+	0.27	0.08
ENSG00000100000	OR4A44P	unprocessed	chr11	48627546	48628493	+	0	0
ENSG00000100000	RP1-317E2	protein_coding	chr1	25811470	25823744	+	0	0
ENSG00000100000	MTND1P35	processed	chr11	89908540	89909047	+	0	0
ENSG00000100000	RP11-567M	processed	chr11	1.3E+08	1.3E+08	+	0	0
ENSG00000100000	PDCL2P2	processed	chr11	65160194	65160382	-	0	0
ENSG00000100000	AP000620.1	processed	chr11	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	RP11-219C	antisense	chr11	36425447	36426122	-	0	0.18
ENSG00000100000	RP11-712L	antisense	chr11	1.26E+08	1.26E+08	-	0.4	0.22
ENSG00000100000	RP11-718B	processed	chr11	82805354	82806509	+	0	0
ENSG00000100000	RP11-680E	processed	chr11	1.06E+08	1.06E+08	+	0	0

ENSG0000(RP11-47J1) sense_intronic chr11	12848795	12849433	+	0	0
ENSG0000(OSBPL9P3) processed_chrom chr11	91115961	91116555	+	0	0
ENSG0000(SAA2-SAA4) protein_coding chr11	18231423	18248635	-	0	0
ENSG0000(PIGY) protein_coding chr4	88521573	88521789	-	6.61	14.59
ENSG0000(ZFP91-CNT) protein_coding chr11	58579172	58624639	+	0.5	0.15
ENSG0000(RP11-140L) processed_chrom chr11	14440787	14441677	+	0	0
ENSG0000(CENPUP1) processed_chrom chr11	13756027	13757560	+	0	0
ENSG0000(CTD-2023J) sense_intronic chr8	14879057	14879819	-	0	0
ENSG0000(OR4X7P) unprocessed_chrom chr11	55411526	55411717	+	0	0
ENSG0000(OR4A6P) unprocessed_chrom chr11	54724847	54725816	+	0	0
ENSG0000(RP11-45A1) lincRNA chr11	44694863	44696301	-	0	0
ENSG0000(RP11-263C) sense_intronic chr11	75914201	75915213	+	0	0
ENSG0000(GRM5-AS1) antisense chr11	88504576	88524054	+	0	0
ENSG0000(OR5AK1P) unprocessed_chrom chr11	57018100	57019021	+	0	0
ENSG0000(RP11-843A) antisense chr11	78533176	78558565	+	0	0
ENSG0000(AF186192) transcribed chr8	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-336F) processed_chrom chr11	26045987	26047598	+	0	0
ENSG0000(RP11-168K) lincRNA chr11	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-23B7) processed_chrom chr11	13758111	13758345	-	0	0
ENSG0000(RP11-326C) antisense chr11	321991	322426	+	1.65	3.62
ENSG0000(RP11-495C) antisense chr11	45651529	45652691	+	0	0
ENSG0000(RP11-58K2) antisense chr11	44606170	44608101	-	0	0
ENSG0000(RP11-794P) transcribed chr11	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP11-406D) lincRNA chr11	27978669	28019575	-	0	0
ENSG0000(OR1D4) transcribed chr17	3240676	3241614	+	0	0
ENSG0000(OR5B10P) unprocessed_chrom chr11	58348989	58349630	-	0	0
ENSG0000(RP11-5L12) sense_intronic chr11	9242448	9245509	-	0	0
ENSG0000(RP11-25D1) processed_chrom chr8	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-21L2) antisense chr11	76782581	76783062	-	0	0
ENSG0000(RP11-412B) antisense chr8	42705583	42721946	-	0	0
ENSG0000(RP11-164N) lincRNA chr11	88061774	88098147	-	0	0
ENSG0000(AC005324) protein_coding chr17	15699692	15744778	+	0.02	0.15
ENSG0000(RP11-5A11) processed_chrom chr8	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-58K2) processed_chrom chr11	44539778	44540693	-	0	0
ENSG0000(RP11-159H) processed_chrom chr8	69859264	69860540	-	0	0
ENSG0000(AP006621) antisense chr11	823634	832883	-	0	0
ENSG0000(CTD-2572N) lincRNA chr11	42183292	42253712	-	0	0
ENSG0000(RP11-72M) unprocessed_chrom chr11	55279949	55280289	+	0	0
ENSG0000(RP11-163C) processed_chrom chr11	49892262	49893777	-	0	0
ENSG0000(CHMP1B) protein_coding chr18	11851396	11854449	+	13.37	12.78
ENSG0000(OR4A48P) unprocessed_chrom chr11	48492026	48492416	+	0	0
ENSG0000(RP11-110I) antisense chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-91P2) processed_chrom chr11	77914990	77915275	-	0	0
ENSG0000(SLC5A4P1) processed_chrom chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP5-1027C) lincRNA chr11	29594918	29630664	+	0	0

ENSG0000(RP11-703H antisense chr11	62336911	62338090	-	0	0
ENSG0000(RP11-655N antisense chr11	67605521	67606642	+	0	0
ENSG0000(OVOL1-AS1 antisense chr11	65789051	65790868	-	0.16	0
ENSG0000(RP11-110I1 lincRNA chr11	1.19E+08	1.19E+08	-	1.04	0.98
ENSG0000(RP11-303G processed_chr8	12580287	12581063	+	0	0
ENSG0000(MTND5P21 processed_chr11	11239759	11240280	+	0	0
ENSG0000(RP11-685N antisense chr11	10783313	10801625	+	0	0
ENSG0000(CTD-2531D antisense chr11	62391516	62393372	-	0	0
ENSG0000(RP11-676F unprocessε chr11	92914603	92916591	+	0	0
ENSG0000(HSPD1P3 processed_chr8	7418991	7420546	+	0	0
ENSG0000(RP11-839D antisense chr11	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-396Jε antisense chr8	67732587	67735665	+	0	0
ENSG0000(OR9L1P unprocessε chr11	58077348	58078603	-	0	0
ENSG0000(RP11-63C8 lincRNA chr11	41394595	41426504	+	0	0
ENSG0000(RP11-646Jε lincRNA chr11	33814877	33822095	-	0	0
ENSG0000(OR8K2P unprocessε chr11	56335142	56336068	+	0	0
ENSG0000(RP11-111N lincRNA chr11	76441338	76444656	-	2.47	4.4
ENSG0000(CTD-2562Jε lincRNA chr11	75208054	75241173	-	0	0
ENSG0000(GLTPP1 processed_chr11	18189000	18189621	+	0	0
ENSG0000(AP000442. antisense chr11	59616429	59639861	+	0	0
ENSG0000(OR5BN2P unprocessε chr11	56116639	56117256	-	0	0
ENSG0000(HNRNPA1P processed_chr11	3972881	3974237	-	0	0
ENSG0000(AP006621. lincRNA chr11	781645	782105	+	0	0.88
ENSG0000(RP11-805Jε sense_ovei chr11	70129297	70149623	+	0	0
ENSG0000(RP11-589N unprocessε chr8	11895850	11896870	-	0	0
ENSG0000(STX17-AS1 antisense chr9	99886322	99906601	-	0	0
ENSG0000(RP11-659P lincRNA chr11	58044110	58060138	-	0	0
ENSG0000(RP11-655N unprocessε chr11	67749043	67756968	-	0	0
ENSG0000(RP4-791Mε antisense chr1	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-971I4 processed_chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(EID3 protein_co chr12	1.04E+08	1.04E+08	+	0.35	0.22
ENSG0000(GLYATL1P3 protein_co chr11	59086307	59094786	+	0	0
ENSG0000(MSH5-SAPI protein_co chr6	31740020	31764851	+	0.39	0.6
ENSG0000(TOLLIP-AS1 antisense chr11	1309769	1310707	+	0.39	0.51
ENSG0000(RP11-80H1 protein_co chr3	58306262	58318574	+	3.99	3.93
ENSG0000(RP11-535N processed_chr11	1.31E+08	1.31E+08	-	0	0
ENSG0000(RNY1P9 misc_RNA chr22	20475203	20475311	-	0	0
ENSG0000(CTD-2313N transcribec chr11	71856277	71863658	+	0	0
ENSG0000(RP11-754B antisense chr11	665910	678391	+	0	0
ENSG0000(RP11-318C antisense chr11	8768778	8810231	+	0	0
ENSG0000(RP11-428C lincRNA chr11	19299883	19308358	+	0	0
ENSG0000(RP11-646Jε processed_chr11	33787054	33787795	-	0	0
ENSG0000(RP11-358N unprocessε chr11	89785945	89787838	+	0	0
ENSG0000(HSPE1P18 processed_chr11	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP5-1047A antisense chr8	1.45E+08	1.45E+08	+	0	0

ENSG00000100000(CTD-2609K sense_intron) chr11	44071462	44072403	+	0.18	0.37
ENSG00000100000(RP11-726G processed) chr8	43247191	43247410	+	0	0
ENSG00000100000(RP11-670N antisense) chr11	21260061	21262570	-	0	0
ENSG00000100000(RP11-646J) lincRNA chr11	33804768	33805641	+	0	0
ENSG00000100000(RP11-313I) processed) chr11	89764884	89765138	+	0	0
ENSG00000100000(LINC01499) lincRNA chr11	41714568	41836442	+	0	0
ENSG00000100000(OR5AM1P unprocessed) chr11	56619779	56620810	-	0	0
ENSG00000100000(AP003068) antisense) chr11	65117157	65117458	+	0	0
ENSG00000100000(RP11-481A processed) chr8	11999087	11999468	+	0	0
ENSG00000100000(RP11-277K) lincRNA chr11	38618264	38646356	-	0	0
ENSG00000100000(AP002954) antisense) chr11	1.19E+08	1.19E+08	+	0.38	0.5
ENSG00000100000(RP11-532E antisense) chr11	1242261	1249676	-	0	0
ENSG00000100000(RP11-686G) lincRNA chr11	80751200	80762826	-	0	0
ENSG00000100000(RP11-324J) lincRNA chr11	7222933	7230863	+	0	0
ENSG00000100000(CCDC166) protein_coding) chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000100000(CTD-2517N) processed) chr8	1.44E+08	1.45E+08	-	2.19	1.75
ENSG00000100000(RP11-720D) lincRNA chr11	87718354	87719411	-	0	0
ENSG00000100000(RP11-313I) unprocessed) chr11	90017611	90024511	-	0	0
ENSG00000100000(PDXDC2P) transcribed) chr16	70010751	70065945	-	1.49	0.46
ENSG00000100000(RP11-514F sense_intron) chr11	36386521	36388250	+	0	0
ENSG00000100000(RP11-699F) lincRNA chr11	91158083	91167294	+	0	0
ENSG00000100000(RP11-507F processed) chr11	1.3E+08	1.3E+08	-	0	0
ENSG00000100000(GLYATL1P1 unprocessed) chr11	58978787	58994120	+	0	0
ENSG00000100000(TRIM51DP) processed) chr11	49874945	49876638	+	0	0
ENSG00000100000(RP11-626H) lincRNA chr11	69985876	70015815	+	0	0
ENSG00000100000(NANOGP8) protein_coding) chr15	35084193	35085110	-	0	0.07
ENSG00000100000(RP11-945A) lincRNA chr11	23730588	23796970	+	0	0
ENSG00000100000(OR4A17P unprocessed) chr11	55444435	55445338	+	0	0
ENSG00000100000(RP11-750H antisense) chr11	47383148	47409190	-	0.96	0.42
ENSG00000100000(SNHG9) lincRNA chr16	1964959	1965509	+	19.87	16.02
ENSG00000100000(GTF2IP11 unprocessed) chr11	50100892	50102898	-	0	0
ENSG00000100000(PGAM1P8) transcribed) chr11	65174117	65176470	-	0.54	0.54
ENSG00000100000(RP11-350N antisense) chr8	38421889	38426096	+	0	0
ENSG00000100000(RP4-541C2 antisense) chr11	33665220	33696701	-	0	0
ENSG00000100000(OR7E2P unprocessed) chr11	86857059	86857947	-	0	0
ENSG00000100000(RP11-738C unprocessed) chr11	55863932	55881243	+	0	0
ENSG00000100000(MED28P5) processed) chr11	97000274	97000711	-	0	0
ENSG00000100000(RP11-403D antisense) chr8	68082204	68095081	-	0	0
ENSG00000100000(RP1-305G2) processed) chr11	33450646	33450943	+	0	0
ENSG00000100000(RP11-258C) lincRNA chr11	79604967	79612300	-	0	0
ENSG00000100000(RP11-344L) processed) chr11	1.1E+08	1.1E+08	+	0	0
ENSG00000100000(RP11-1195 unprocessed) chr8	7967344	7968544	-	0	0
ENSG00000100000(NPM1P35) processed) chr11	62330946	62331813	+	0	0
ENSG00000100000(RP11-163C unprocessed) chr11	49871826	49874067	-	0	0
ENSG00000100000(OR4R1P unprocessed) chr11	48486363	48486825	-	0	0

ENSG000001831A	lincRNA	chr11	1.2E+08	1.2E+08	-	0	0
ENSG000001857P	unprocessed	chr11	56165500	56165921	+	0	0
ENSG000001858P	unprocessed	chr11	58317637	58318375	-	0	0
ENSG000001866H	antisense	chr11	1.22E+08	1.22E+08	+	0	0
ENSG000001868P5	processed	chr11	1.3E+08	1.3E+08	+	0	0
ENSG000001871P	protein_coding	chr11	1.05E+08	1.05E+08	-	0	0
ENSG000001872P7	processed	chr11	86294760	86295576	+	0	0.09
ENSG000001875M11	protein_coding	chr11	56542340	56543257	-	0	0
ENSG000001876J	antisense	chr8	1.44E+08	1.44E+08	-	0.93	0.77
ENSG000001878P6	unprocessed	chr11	1.24E+08	1.24E+08	-	0	0
ENSG000001879P	lincRNA	chr11	45750823	45751871	-	0	0
ENSG000001880B	lincRNA	chr11	29445487	29457393	+	0	0
ENSG000001881N	antisense	chr11	129279	186136	+	0	0
ENSG000001882A4	processed	chr11	67965873	67966227	-	0	0
ENSG000001883P4	processed	chr11	1.12E+08	1.12E+08	+	0	0
ENSG000001884N	processed	chr11	3961277	3961538	+	0	0
ENSG000001885E	lincRNA	chr11	93240133	93241168	+	0	0
ENSG000001886A	antisense	chr11	83286128	83423516	+	0.14	0.02
ENSG000001887I2	unprocessed	chr11	89883927	89886213	-	0	0
ENSG000001888K	antisense	chr11	68122053	68130518	+	0.15	0
ENSG000001889D	antisense	chr11	462930	463899	-	0.15	0.25
ENSG000001890P1	processed	chr19	55777553	55778900	+	0	0
ENSG000001891P1	unprocessed	chr11	1.19E+08	1.19E+08	-	0	0
ENSG000001892C	antisense	chr11	58933643	59058659	-	0	0
ENSG000001893N	antisense	chr11	88098591	88115835	+	0	0
ENSG000001894G	lincRNA	chr11	26189123	26208347	+	0	0
ENSG000001895F	antisense	chr11	18934985	18939721	+	0	0
ENSG000001896Y6-FXY	protein_coding	chr11	1.18E+08	1.18E+08	-	0	0
ENSG000001897A	lincRNA	chr11	82603743	82643419	-	0	0
ENSG000001898D	lincRNA	chr11	1.2E+08	1.2E+08	+	0	0
ENSG000001899HG	processed	chr11	1.22E+08	1.23E+08	-	32.56	31.54
ENSG000001900H	lincRNA	chr11	86727355	86765265	+	0	0
ENSG000001901D1	protein_coding	chr8	7539628	7542450	+	0	0
ENSG000001902P5	antisense	chr11	32097143	32105091	-	1.79	0
ENSG000001903G	processed	chr8	12638428	12638602	+	0	0
ENSG000001904P5	processed	chr11	18106583	18106841	+	0	0
ENSG000001905P1AP	processed	chr11	75911204	75911628	-	0	0
ENSG000001906O1	sense_intronic	chr11	35972428	35989007	+	0	0
ENSG00000190716	lincRNA	chr11	5938751	5944984	+	0	0
ENSG000001908P	lincRNA	chr11	1.34E+08	1.34E+08	-	0	0
ENSG000001909P	processed	chr11	1.29E+08	1.29E+08	-	0	0
ENSG000001910I	lincRNA	chr11	11243188	11243715	-	0	0
ENSG000001911E4P	unprocessed	chr11	71620020	71621032	+	0	0
ENSG000001912P2	processed	chr11	1.3E+08	1.3E+08	-	0	0
ENSG000001913P1	processed	chr11	58796237	58796854	-	0	0

ENSG0000(RP11-734C processed_ chr11	57870322	57870571	-	0	0
ENSG0000(RP11-430H lincRNA chr11	45371397	45388508	+	0	0
ENSG0000(RP11-707N unprocessε chr11	49824839	49826724	-	0	0
ENSG0000(RP11-702F lincRNA chr11	46213824	46220438	-	0	0
ENSG0000(NAV2-IT1 sense_intrε chr11	19380484	19385014	+	0	0
ENSG0000(RP4-594L9. lincRNA chr11	34533014	34557924	-	0	0
ENSG0000(RP11-646J. antisense chr11	33776188	33779495	+	0	0
ENSG0000(AF238378. processed_ chr8	7082971	7083328	+	0	0
ENSG0000(TMPRS54-7 protein_co chr11	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP13-279N protein_co chr1	18849273	18921121	-	0	0
ENSG0000(RRM1-AS1 antisense chr11	4137116	4138257	-	0.31	0
ENSG0000(ABCC6P2 transcribec chr16	14820792	14824702	-	0.1	0.29
ENSG0000(RP11-375D lincRNA chr11	41855920	41875997	+	0	0
ENSG0000(CTD-2530H processed_ chr11	75642600	75642889	+	0	0
ENSG0000(RP11-460B processed_ chr11	29391525	29393844	+	0	0
ENSG0000(WTAPP1 transcribec chr11	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-72M. unprocessε chr11	55279447	55284749	-	0	0
ENSG0000(AP006621. lincRNA chr11	777578	784297	+	6.91	5.67
ENSG0000(RP11-358N processed_ chr11	89789412	89789733	-	0	0
ENSG0000(RP11-708L. processed_ chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(SNRPGP16 processed_ chr11	92937441	92937666	+	0	0
ENSG0000(RP4-562D2 processed_ chr11	30167163	30167306	+	0	0
ENSG0000(RP11-91I2. lincRNA chr8	60660820	60664530	+	0	0
ENSG0000(HMGB1P4. processed_ chr11	20574186	20575042	+	0	0
ENSG0000(SDHD protein_co chr11	1.12E+08	1.12E+08	+	13.42	0.2
ENSG0000(WIZP1 processed_ chr11	23403805	23406103	+	0	0
ENSG0000(OR4A50P unprocessε chr11	55475943	55476428	+	0	0
ENSG0000(RP11-745I. processed_ chr11	89498748	89499198	-	0	0
ENSG0000(RP11-757C processed_ chr11	71938671	71939544	-	0	0
ENSG0000(OR4A41P unprocessε chr11	48589760	48590687	+	0	0
ENSG0000(OR8G5 protein_co chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-655C lincRNA chr11	58497888	58505758	-	0.41	0.14
ENSG0000(RP11-148I. lincRNA chr11	41993385	42163851	-	0	0
ENSG0000(RP11-624G antisense chr11	57476493	57477534	-	0	0.11
ENSG0000(EID1 protein_co chr15	48877886	48880183	+	116.64	116.9
ENSG0000(OR5BA1P unprocessε chr11	57866298	57867279	-	0	0
ENSG0000(OR4A46P unprocessε chr11	48496348	48497280	+	0	0
ENSG0000(RP11-529A unprocessε chr11	89978540	89980661	+	0	0
ENSG0000(RP5-901A4 antisense chr11	68024809	68030461	-	0.09	0
ENSG0000(OR52B2 protein_co chr11	6169330	6170408	-	0	0
ENSG0000(RP11-428C antisense chr11	19196775	19281426	+	0	0
ENSG0000(RP11-756D processed_ chr11	11759101	11759433	-	0	0
ENSG0000(AF131215. sense_intrε chr8	11107788	11109726	-	0.95	0.6
ENSG0000(RP11-160H antisense chr11	83643602	83725390	+	0	0
ENSG0000(OR4C7P unprocessε chr11	54635037	54635955	-	0	0

ENSG000001082	lincRNA	chr8	1.25E+08	1.25E+08	-	0	0
ENSG000001702F	lincRNA	chr11	46123573	46177106	+	0	0
ENSG00000108A3P	unprocessed	chr11	1.25E+08	1.25E+08	+	0	0
ENSG000001082P25	unprocessed	chr11	81555910	81556425	-	0	0
ENSG000001688I5	antisense	chr11	1.27E+08	1.27E+08	+	0	0
ENSG000001082P8	transcribed	chr11	71711740	71781183	+	0	0
ENSG000001082F5	antisense	chr11	66244840	66246239	-	0	0
ENSG000001082I2C	antisense	chr8	60551957	60553036	-	0	0
ENSG000001082C1495	lincRNA	chr11	22445688	22492019	-	0	0
ENSG000001082B2	lincRNA	chr8	1.22E+08	1.22E+08	-	0	0
ENSG000001082H	antisense	chr11	75583196	75594665	+	0.21	0.11
ENSG000001082G5	lincRNA	chr11	1.35E+08	1.35E+08	+	0	0
ENSG000001082C6	lincRNA	chr11	327171	330122	+	0.31	0.33
ENSG000001082AFZP4	processed	chr11	70278921	70279297	-	0	0
ENSG000001082A3	protein_coding	chr6	1.27E+08	1.28E+08	-	0.61	0.49
ENSG000001082I1	processed	chr11	60077350	60078401	+	0.09	0
ENSG000001082I1N	lincRNA	chr11	91794362	91812294	+	0	0
ENSG000001082A0435	processed	chr11	58354004	58354499	-	0	0
ENSG000001082L	sense_intronic	chr11	1.12E+08	1.12E+08	+	0	0
ENSG000001082H8	antisense	chr11	17695267	17696940	-	0	0
ENSG000001082P1	unprocessed	chr11	1.05E+08	1.05E+08	-	0	0
ENSG000001082I5C	antisense	chr11	1.02E+08	1.02E+08	+	0.1	0.11
ENSG000001082P7	processed	chr11	49110756	49111220	+	0	0
ENSG000001082I1B	protein_coding	chr10	1.01E+08	1.01E+08	-	1.62	2.35
ENSG000001082D	antisense	chr11	43378882	43385671	-	0	0
ENSG000001082Q1P	unprocessed	chr11	1.25E+08	1.25E+08	+	0	0
ENSG000001082B2B	processed	chr11	1.23E+08	1.23E+08	-	0	0
ENSG000001082N	3prime_overlapping	chr8	1.44E+08	1.44E+08	-	0	0
ENSG000001082N	lincRNA	chr11	1.35E+08	1.35E+08	+	0	0
ENSG000001082I7	lincRNA	chr11	79092848	79098003	+	0.46	0.2
ENSG000001082X5	protein_coding	chr15	68930525	69062743	+	0	0
ENSG000001082H1	processed	chr11	40083710	40084517	-	0	0
ENSG000001082F	antisense	chr11	1.34E+08	1.34E+08	+	0.58	0
ENSG000001082A7P	unprocessed	chr11	54692450	54693359	+	0	0
ENSG000001082C1P15	processed	chr11	1.03E+08	1.03E+08	-	0.08	0.25
ENSG000001082I1J	antisense	chr11	11352426	11353307	+	0	0
ENSG000001082R10P1	processed	chr11	1.31E+08	1.31E+08	-	0	0
ENSG000001082N	processed	chr11	1.07E+08	1.07E+08	+	0.09	0
ENSG000001082C	antisense	chr8	11558466	11560020	-	0	0
ENSG000001082A0640	processed	chr11	59669312	59676041	+	0.11	0.11
ENSG000001082E	processed	chr12	7896608	7896956	-	0	0
ENSG000001082N1	lincRNA	chr11	22492112	22502846	+	0	0
ENSG000001082C	processed	chr11	1.3E+08	1.3E+08	-	0	0
ENSG000001082C179	protein_coding	chr11	22846931	22860426	-	0	0
ENSG000001082A	unprocessed	chr11	89955146	89957165	-	0	0

ENSG0000(RP11-412B processed_ chr8	42725547	42726228	-	0	0
ENSG0000(RP11-619A lincRNA chr11	76210956	76216025	-	0	0
ENSG0000(RP11-672A lincRNA chr11	76607853	76630427	-	0.25	0.04
ENSG0000(SMILR lincRNA chr8	1.22E+08	1.22E+08	-	1.17	1
ENSG0000(RP11-776K processed_ chr8	14690382	14690619	+	0	0
ENSG0000(RP11-1134 lincRNA chr8	47190772	47193262	+	0	0.07
ENSG0000(RP13-726E transcribed chr11	3429758	3581211	-	0	0
ENSG0000(RP11-54J7. processed_ chr11	25140533	25141023	-	0	0
ENSG0000(RP11-740D processed_ chr11	1.29E+08	1.29E+08	-	0	0
ENSG0000(CYCSP25 processed_ chr11	31280672	31280987	-	0	0
ENSG0000(OPCML-IT2 sense_intron chr11	1.33E+08	1.33E+08	-	0	0
ENSG0000(CTD-3064C antisense chr11	22261209	22262256	-	0	0
ENSG0000(TAS2R43 protein_coding chr12	11091287	11092313	-	0	0.13
ENSG0000(RP1-65P5.5 lincRNA chr11	32132699	32143579	+	0	0
ENSG0000(RP11-360K processed_ chr11	96642671	96643225	-	0	0
ENSG0000(DUXAP5 processed_ chr11	1.19E+08	1.19E+08	-	0	0
ENSG0000(PRR23D2 protein_coding chr8	7778591	7781413	-	0	0
ENSG0000(CYCSP29 processed_ chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-684B processed_ chr11	98130239	98131198	-	0	0
ENSG0000(AP001258. processed_ chr11	59142121	59142610	-	0	0
ENSG0000(RP11-718B lincRNA chr11	82791662	82817146	+	0	0
ENSG0000(RP11-770J. lincRNA chr11	1.18E+08	1.18E+08	-	0.03	0
ENSG0000(UBTFL10 processed_ chr11	89700764	89701325	+	0	0
ENSG0000(OR5BR1P unprocessed chr11	59332757	59334086	-	0	0
ENSG0000(RP11-23F2 processed_ chr11	4210354	4212091	-	0	0
ENSG0000(RP11-124G lincRNA chr11	41518895	41714448	-	0	0
ENSG0000(C6orf3 antisense chr6	1.12E+08	1.12E+08	+	0.29	0.35
ENSG0000(RP11-732A antisense chr11	6621451	6622322	+	0	0
ENSG0000(CTD-2028E processed_ chr11	87480736	87481297	-	0	0
ENSG0000(RP11-736I1 lincRNA chr11	60024908	60031077	+	0	0
ENSG0000(C8orf49 lincRNA chr8	11761256	11763223	+	1.27	1.12
ENSG0000(CTD-2562J. antisense chr11	75099172	75140148	-	0.26	0.14
ENSG0000(AP000857. processed_ chr11	84997226	84997768	-	0	0
ENSG0000(AC022182. processed_ chr8	60937705	60939871	-	0	0
ENSG0000(HCAR3 protein_coding chr12	1.23E+08	1.23E+08	-	0.05	0
ENSG0000(TBX5-AS1 antisense chr12	1.14E+08	1.14E+08	+	0.46	0.53
ENSG0000(RP13-631K lincRNA chr11	12086891	12089441	+	0	0
ENSG0000(RP11-15D1 unprocessed chr11	13488612	13489390	+	0	0
ENSG0000(RP11-696P antisense chr8	1.1E+08	1.1E+08	+	0	0
ENSG0000(AP000641. processed_ chr11	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-770G antisense chr11	65795946	65797219	-	0	0
ENSG0000(RP11-713P lincRNA chr11	1.34E+08	1.34E+08	+	0	0
ENSG0000(PCDHA3 protein_coding chr5	1.41E+08	1.41E+08	+	0.13	0.17
ENSG0000(RSF1-IT1 sense_intron chr11	77738680	77739568	-	0	0
ENSG0000(RP11-732A antisense chr11	6630603	6635208	+	0	0

ENSG0000(RP11-98J9.lincRNA chr11	13785390	13848002	+	0	0
ENSG0000(RP11-436P.processed_chr8	13741809	13742781	+	0	0
ENSG0000(RP11-684B.processed_chr11	71629045	71629421	+	0	0
ENSG0000(OR10AF1P.unprocessε chr11	55948120	55948924	-	0	0
ENSG0000(MTCO2P15.processed_chr11	1.03E+08	1.03E+08	-	0.21	0.11
ENSG0000(RP11-266A.lincRNA chr11	23164900	23203161	+	0	0.11
ENSG0000(CASC23 antisense chr11	8011278	8016489	-	0	0
ENSG0000(CTD-2011F antisense chr11	76137315	76137731	-	0	0
ENSG0000(AP002954.antisense chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(EBLN2 protein_co chr3	73061659	73063337	+	1.11	0.82
ENSG0000(RP11-589F.unprocessε chr11	19029697	19030438	-	0	0
ENSG0000(OR8G3P.unprocessε chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000(CTD-2210P.lincRNA chr11	45733994	45735766	-	0	0
ENSG0000(RP11-350D.lincRNA chr11	34570876	34573982	+	0	0
ENSG0000(RP11-794P.sense_intrε chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-643G.lincRNA chr11	89546637	89589611	-	0	0
ENSG0000(CASP1P1.unprocessε chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(OR5B19P.unprocessε chr11	58343737	58344664	-	0	0
ENSG0000(RP11-831H.protein_co chr11	62649694	62665178	-	0.27	0.25
ENSG0000(AP000479.lincRNA chr11	56848478	56878078	+	0	0
ENSG0000(CTD-2530H.sense_intrε chr11	75596144	75597270	-	0	0
ENSG0000(RP11-770J.antisense chr11	1.19E+08	1.19E+08	-	0.35	0.27
ENSG0000(RP11-510I2.processed_chr8	14022687	14023422	-	0	0
ENSG0000(CTD-2653D.antisense chr20	47677901	47686297	+	0	0.02
ENSG0000(RP11-196G.protein_co chr16	31083439	31094956	-	1.87	2.54
ENSG0000(RP11-632K.sense_intrε chr11	74409060	74416379	+	0	0
ENSG0000(CTD-2616J.antisense chr19	51415724	51417425	+	0	0
ENSG0000(RP11-347H.unprocessε chr11	50170156	50190441	+	0	0
ENSG0000(RP1-68D18.antisense chr11	35210343	35214985	-	0	0.13
ENSG0000(CYCSP27.processed_chr11	74482250	74482542	+	0	0
ENSG0000(RP11-573N.processed_chr11	93152075	93152750	+	0	0
ENSG0000(CTD-2531D.antisense chr11	62421845	62426724	-	0	0
ENSG0000(CTD-2210P.lincRNA chr11	45813219	45825258	+	0	0
ENSG0000(RP1-59M1I.processed_chr11	18000542	18022931	-	0	0
ENSG0000(RP11-91P2.antisense chr11	77866412	77870091	-	0	0.1
ENSG0000(CTD-2063L.processed_chr11	29275655	29276565	+	0	0
ENSG0000(RP11-58K2.lincRNA chr11	44468464	44470429	+	0	0
ENSG0000(RP11-107P.processed_chr11	49092404	49092767	+	0	0
ENSG0000(RP11-46P1.processed_chr11	25630720	25631041	+	0	0
ENSG0000(RP11-890B.lincRNA chr11	1.31E+08	1.31E+08	-	1.93	1.83
ENSG0000(CTD-2517N.antisense chr8	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-436P.processed_chr8	13695574	13705506	+	0	0
ENSG0000(RP11-539G.lincRNA chr4	39639140	39666644	+	0.56	0.42
ENSG0000(RP11-52B1.processed_chr8	8086022	8086765	-	0.26	0
ENSG0000(ZDHC20P.processed_chr11	75228322	75228657	-	0	0.32

ENSG0000(OR8I1P unprocessε	chr11	56296541	56297471	-	0	0
ENSG0000(RP11-483L antisense	chr11	11570084	11573782	+	0.24	0
ENSG0000(RP11-16F1 processed_	chr11	9631008	9631359	-	0	0
ENSG0000(SEPT14P8 unprocessε	chr8	200385	200562	-	0	0
ENSG0000(RP11-264E lincRNA	chr11	1.29E+08	1.29E+08	-	0	0
ENSG0000(OR5AL2P unprocessε	chr11	56393729	56394648	+	0	0
ENSG0000(RP11-144G antisense	chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-867G antisense	chr11	66347950	66364804	+	1.05	1.81
ENSG0000(BOLA3P1 processed_	chr11	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-113D lincRNA	chr11	18140186	18189495	-	0	0.06
ENSG0000(RP11-736K antisense	chr11	86892214	86925037	-	3.59	3.11
ENSG0000(RP11-998D antisense	chr14	21032818	21033895	+	0	0
ENSG0000(RP11-234B lincRNA	chr12	4700417	4720102	-	0	0
ENSG0000(RP11-687M lincRNA	chr11	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-1H15 antisense	chr11	9839143	9929263	+	0	0
ENSG0000(RP11-63D1 lincRNA	chr11	38498995	38500186	+	0	0
ENSG0000(RP11-867C antisense	chr11	65367438	65375299	+	0.13	0.56
ENSG0000(RP11-672A lincRNA	chr11	76625462	76626834	-	0	0
ENSG0000(RP4-710M: antisense	chr11	30425552	30429268	+	0	0
ENSG0000(OR56A7P unprocessε	chr11	6045807	6046747	-	0	0
ENSG0000(RP11-315C antisense	chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(AP000889. processed_	chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-65M: lincRNA	chr11	1.13E+08	1.13E+08	-	0	0
ENSG0000(OR5G4P unprocessε	chr11	56790206	56790965	-	0	0
ENSG0000(RP11-313I2 unprocessε	chr11	89723482	89727253	-	0	0
ENSG0000(RP11-513D antisense	chr8	38275888	38276680	+	1	0
ENSG0000(CTC-830E2 processed_	chr11	24701275	24701575	+	0	0
ENSG0000(EIF4A2P5 processed_	chr11	32085111	32085712	+	0	0
ENSG0000(RP11-1082 lincRNA	chr8	1.25E+08	1.25E+08	-	0	0
ENSG0000(CTD-2381F processed_	chr11	11856490	11856859	-	0	0
ENSG0000(RP11-131J4 unprocessε	chr11	55430487	55430994	+	0	0
ENSG0000(LINC00681 lincRNA	chr8	12794243	12818291	+	0	0
ENSG0000(AC145124. antisense	chr8	12194467	12196280	+	2.52	3
ENSG0000(RP11-587D sense_ovei	chr11	27696312	27877648	-	0	0
ENSG0000(RP11-726G processed_	chr8	43313948	43314200	+	0	0
ENSG0000(RP11-618K antisense	chr11	45905941	45906461	-	0	0
ENSG0000(RP11-738C processed_	chr11	55865709	55865820	+	0	0
ENSG0000(RP11-347H processed_	chr11	50268161	50269273	+	0	0
ENSG0000(CARD18 protein_co	chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-379J: lincRNA	chr11	97878781	97942762	-	0	0
ENSG0000(RP11-113K lincRNA	chr11	83072402	83097196	-	0	0
ENSG0000(RP11-788M transcribec	chr11	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-485C processed_	chr11	26427051	26427412	+	0	0
ENSG0000(RP11-203F antisense	chr11	92748732	92766867	-	0	0
ENSG0000(RP11-535A antisense	chr11	75803431	75815406	-	0	0

ENSG00000186414	protein_coding	chr11	62559603	62591531	-	0.99	1.69
ENSG0000010822P	unprocessed_coding	chr11	1.24E+08	1.24E+08	+	0	0
ENSG0000011081	processed_transcript	chr11	18870989	18873462	-	0	0
ENSG000001005135	lincRNA	chr11	1.35E+08	1.35E+08	-	0	0
ENSG000001005363	transcribed_unit	chr16	1963745	1964095	-	0.4	0.37
ENSG0000010422P	unprocessed_coding	chr11	48227429	48228310	+	0	0
ENSG0000010178H	processed_transcript	chr11	93609760	93610333	-	0	0
ENSG0000010164N	lincRNA	chr11	88050106	88062110	+	0	0
ENSG00000103074C	antisense	chr11	66473490	66480233	-	2.44	3.15
ENSG0000010148C	antisense	chr8	11556251	11558022	-	0	0
ENSG00000101958J	processed_transcript	chr11	45514187	45514451	+	0	0
ENSG00000101390K	antisense	chr11	47123104	47130801	-	0	0
ENSG00000104607I7	antisense	chr11	35132655	35138032	-	0.16	0.88
ENSG00000101531P5	processed_transcript	chr11	3531420	3531608	+	0	0
ENSG00000101780C	antisense	chr11	58917015	58928689	-	0	0
ENSG00000101531P8	protein_coding	chr16	28637654	28658682	+	0.88	0.54
ENSG00000101296L1	antisense	chr11	31305685	31314548	+	0	0
ENSG00000101531P3	protein_coding	chr14	24213955	24232352	-	0	0.28
ENSG0000010156P9	unprocessed_coding	chr11	48907103	48908946	+	0	0
ENSG0000010125I9	lincRNA	chr11	1.09E+08	1.09E+08	-	0	0
ENSG00000101531P2M	protein_coding	chr15	57706629	57782762	+	16.04	17.18
ENSG00000101531P5	processed_transcript	chr8	1.45E+08	1.45E+08	-	0	0
ENSG00000101531P6	processed_transcript	chr8	67849044	67849338	+	0	0
ENSG00000101531P6C	transcribed_unit	chr11	49305714	49379669	+	0	0
ENSG00000101326C	processed_transcript	chr11	303856	304144	-	0	0
ENSG00000101443P	unprocessed_coding	chr11	48526064	48526971	+	0	0
ENSG00000101679I1	processed_transcript	chr11	1.3E+08	1.3E+08	+	0	0
ENSG00000101583F	unprocessed_coding	chr11	18910436	18911396	-	0	0
ENSG00000101000708	antisense	chr11	1.25E+08	1.25E+08	+	0	0
ENSG00000101010V2P	unprocessed_coding	chr11	59748811	59749574	+	0	0
ENSG00000101797E1	antisense	chr11	70324871	70327209	-	0	0
ENSG00000101313I2	processed_transcript	chr11	89731017	89734782	+	0	0
ENSG00000101727A	processed_transcript	chr11	83209399	83209634	+	0	0
ENSG00000101683L5	antisense	chr11	35419057	35421002	+	0	0
ENSG0000010172M	processed_transcript	chr11	55267408	55267636	+	0	0
ENSG00000101531P3	unprocessed_coding	chr8	12095176	12099536	-	0	0
ENSG00000101627G	processed_transcript	chr11	1.34E+08	1.35E+08	+	0	0
ENSG0000010168K	lincRNA	chr11	1.27E+08	1.27E+08	+	0	0
ENSG00000101531P3	processed_transcript	chr11	1E+08	1E+08	+	0	0
ENSG00000101617B	antisense	chr11	1.04E+08	1.04E+08	+	0	0
ENSG00000101531P6	unprocessed_coding	chr8	12448013	12511278	-	0	0
ENSG00000101163C	unprocessed_coding	chr11	49854080	49859402	-	0	0
ENSG0000010156P9	unprocessed_coding	chr11	48880111	48885237	+	0	0
ENSG0000010166G6E	protein_coding	chr6	31711771	31714065	-	0	0
ENSG00000101810P	lincRNA	chr11	62077277	62082184	-	0	0.09

ENSG0000(OR7E1P unprocessε	chr11	67974286	67975243	-	0	0
ENSG0000(AP000857. antisense	chr11	84936689	84955705	+	0	0
ENSG0000(RP11-351I2 processed_	chr8	12378679	12380265	-	0	0
ENSG0000(RP11-770G lincRNA	chr11	65745729	65771585	+	0	0
ENSG0000(CTC-497E2 lincRNA	chr11	13054615	13134839	-	0	0
ENSG0000(ZNF252P-A antisense	chr8	1.45E+08	1.45E+08	+	0.07	0.04
ENSG0000(OR4R2P unprocessε	chr11	54657120	54657716	-	0	0
ENSG0000(FDXACB1 protein_co	chr11	1.12E+08	1.12E+08	-	0.34	0.79
ENSG0000(UNC93B6 transcribec	chr11	71603260	71608040	+	0	0
ENSG0000(RP11-124G processed_	chr11	41660030	41660221	+	0	0
ENSG0000(RP11-6B19 lincRNA	chr12	15780068	15782120	+	0	0
ENSG0000(RP11-114F processed_	chr12	64442510	64443330	-	0	0
ENSG0000(BRWD1-AS antisense	chr21	39313935	39314962	+	0.29	0.06
ENSG0000(TRAV1-1 TR_V_gene	chr14	21621838	21622567	+	0	0
ENSG0000(MIR9-3HG lincRNA	chr15	89361579	89398487	+	0	0
ENSG0000(RP11-273B antisense	chr12	7166674	7189069	-	0	0
ENSG0000(RP1-267D1 processed_	chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(AP000462. lincRNA	chr11	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-69M: processed_	chr12	8017201	8017860	-	0	0
ENSG0000(OR10G2 protein_co	chr14	21633836	21634940	-	0	0
ENSG0000(RP11-415I1 transcribec	chr12	63682523	63724935	-	1.95	1.95
ENSG0000(RP11-188C transcribec	chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(RAB44 protein_co	chr6	36697851	36733183	+	0.08	0.03
ENSG0000(RP4-809F1. protein_co	chr12	1.26E+08	1.26E+08	+	0.08	0.14
ENSG0000(AP000997. lincRNA	chr11	1.16E+08	1.16E+08	+	0	0.18
ENSG0000(RP11-644L. lincRNA	chr11	95698086	95700623	+	0	0
ENSG0000(AP000439. lincRNA	chr11	69438365	69444743	-	0	0
ENSG0000(RP3-377H1 sense_intrε	chr12	4838955	4842675	+	0	0
ENSG0000(RP11-357K lincRNA	chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-377D lincRNA	chr12	13000451	13040679	+	0.11	0
ENSG0000(PCDHB17P transcribec	chr5	1.41E+08	1.41E+08	+	0.02	0.1
ENSG0000(RP11-564D transcribec	chr10	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-547L: processed_	chr12	22008348	22008880	+	0	0
ENSG0000(RP11-313F lincRNA	chr12	34149839	34162238	+	0	0
ENSG0000(RP11-196H antisense	chr12	64146388	64147857	-	0	0.19
ENSG0000(MTRNR2L9 processed_	chr6	61574328	61574402	+	0	0
ENSG0000(RP11-234B protein_co	chr12	4657634	4744581	+	1.65	3.16
ENSG0000(RP11-277P protein_co	chr12	10412312	10436001	-	0	0
ENSG0000(PABPC1P4 processed_	chr12	63822021	63823895	+	0.3	0.49
ENSG0000(RP11-59N2 antisense	chr12	21759980	21766705	+	0	0
ENSG0000(CTD-2373J: processed_	chr5	90410000	90410669	+	0	0
ENSG0000(RP11-361I1 antisense	chr12	18714795	18737878	+	0	0
ENSG0000(RP11-502N antisense	chr12	14530151	14533229	+	0	0
ENSG0000(FAM222A- antisense	chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-313F lincRNA	chr12	34191279	34218853	-	0	0

ENSG0000(RP11-60C6 unprocessed)	chr11	95011858	95012532	+	0	0
ENSG0000(RP11-256L antisense)	chr12	1.09E+08	1.09E+08	-	0	0
ENSG0000(RERG-AS1 lincRNA)	chr12	15151923	15155283	+	0	0
ENSG0000(RP11-212D protein_coding)	chr11	1.14E+08	1.14E+08	+	3.45	2.25
ENSG0000(ARL6IP1P1 processed)	chr14	21649728	21650337	-	0	0
ENSG0000(RP11-867G lincRNA)	chr11	94641907	94651631	+	0.32	0
ENSG0000(RP11-885B transcribed)	chr12	2761200	2775658	-	0	0.14
ENSG0000(RP11-253I1 lincRNA)	chr12	12485353	12491581	+	0	0
ENSG0000(RP11-283I3 antisense)	chr12	193036	194130	+	0	0
ENSG0000(RP11-45F1 antisense)	chr11	72354516	72363555	+	0	0
ENSG0000(JRKL-AS1 lincRNA)	chr11	96447132	96506826	-	0	0
ENSG0000(RP11-732A antisense)	chr11	6618790	6619764	+	0	0
ENSG0000(RP11-227B lincRNA)	chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-136I1 lincRNA)	chr11	1.16E+08	1.16E+08	+	0	0
ENSG0000(TRIL protein_coding)	chr7	28953358	28958292	-	0.05	0.11
ENSG0000(RP1-127H1 antisense)	chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-766N lincRNA)	chr12	64883394	64977522	+	0	0
ENSG0000(APOOP3 processed)	chr12	65134688	65135273	+	0	0
ENSG0000(RP11-46H1 processed)	chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-292I1 processed)	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-667N processed)	chr11	1.14E+08	1.14E+08	-	0.06	0.13
ENSG0000(OR4D2 protein_coding)	chr17	58169656	58170579	+	0	0
ENSG0000(RP11-121J1 lincRNA)	chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(SNHG1 processed)	chr11	62851988	62855914	-	27.68	27.02
ENSG0000(RP11-529H processed)	chr4	87317170	87345210	-	0	0.3
ENSG0000(TDGP1 processed)	chr12	25803298	25804526	+	0	0
ENSG0000(XXbac-BPG unprocessed)	chr6	31222913	31223093	+	0	0
ENSG0000(LINC01489 lincRNA)	chr12	15001833	15006683	+	0	0
ENSG0000(CTC-435M: protein_coding)	chr19	41350853	41425001	+	6.01	3.01
ENSG0000(IFNG-AS1 antisense)	chr12	67989445	68234686	+	0	0
ENSG0000(HNRNPABF processed)	chr12	10111738	10112471	+	0	0
ENSG0000(AGAP2-AS1 antisense)	chr12	57726271	57728356	+	15.52	15.06
ENSG0000(RP11-757G antisense)	chr11	68941503	68942852	-	0	0
ENSG0000(RP11-625L lincRNA)	chr12	24704565	24774213	+	0	0
ENSG0000(RP11-283I3 sense_intronic)	chr12	253442	257299	-	0	0
ENSG0000(GNAI2P1 processed)	chr12	14254912	14255226	+	0	0
ENSG0000(RP11-283G antisense)	chr12	26230819	26319720	-	0.09	0
ENSG0000(RP11-22B2 processed)	chr12	9314402	9316173	-	0	0
ENSG0000(RP11-749H processed)	chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-428G lincRNA)	chr12	31877079	31887203	-	0.07	0
ENSG0000(MRPS18CP processed)	chr12	14237091	14237321	+	0	0
ENSG0000(RP13-512J1 protein_coding)	chr2	3531984	3547957	-	0	0
ENSG0000(GOLGA2P1 transcribed)	chr15	82472993	82513950	-	4.07	3.72
ENSG0000(LINC01479 lincRNA)	chr12	67929235	67970017	+	0	0
ENSG0000(AP000439 lincRNA)	chr11	69477133	69479940	-	0	0

ENSG0000(RP3-454B2 lincRNA chr12	6155035	6160719	-	0	0.11
ENSG0000(VDAC2P2 processed_chr12	9036344	9037244	+	0	0
ENSG0000(RP11-1029 processed_chr12	64032412	64032665	+	0	0
ENSG0000(RP11-809N processed_chr11	73452020	73452344	+	0	0
ENSG0000(RP11-711K sense_intrchr12	11399381	11486678	-	0	0
ENSG0000(RMST processed_chr12	97430884	97598415	+	0	0
ENSG0000(RP11-561P lincRNA chr12	8548361	8567613	-	0	0
ENSG0000(OR6J1 protein_cochr14	22633768	22634811	-	0	0
ENSG0000(PTP4A1P2 processed_chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-31L2:antisense chr11	72643237	72659407	+	0	0
ENSG0000(RP1-34M2:antisense chr1	34761426	34788097	-	0	0
ENSG0000(RP11-357K lincRNA chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(KRT8P11 processed_chr9	99305176	99306611	+	0	0
ENSG0000(RP11-196H antisense chr12	64108763	64120489	-	0	0
ENSG0000(KLRC4-KLRI protein_cochr12	10372353	10410146	-	0	0
ENSG0000(MTRNR2L8 protein_cochr11	10507887	10509189	-	0.04	0
ENSG0000(RP5-1154L antisense chr12	590633	591269	+	0	0
ENSG0000(RP11-20D1 antisense chr12	8664011	8669011	+	0	0
ENSG0000(RP11-385N processed_chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(TIFAB protein_cochr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP4-559A3 protein_cochr1	2.26E+08	2.26E+08	-	0.11	0
ENSG0000(RP11-157G processed_chr12	7438780	7439990	-	0.05	0
ENSG0000(TAS2R20 protein_cochr12	10996495	10997875	-	0.29	0.14
ENSG0000(RP11-753B unprocesschr12	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-338K lincRNA chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(AP000593. antisense chr11	72302139	72302965	+	0	0
ENSG0000(RP11-804A antisense chr11	60813932	60821739	-	0	0
ENSG0000(RP11-167N antisense chr11	73963657	73970287	-	0	0
ENSG0000(TMEM5-AS antisense chr12	63808845	63822156	-	0	0.28
ENSG0000(Metazoa_S misc_RNA chr17	49017793	49018061	-	0.9	0
ENSG0000(RP11-407A processed_chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(KDM4F protein_cochr11	95049422	95051338	+	0	0
ENSG0000(RP11-87C1 lincRNA chr12	1.22E+08	1.22E+08	-	0.11	0.23
ENSG0000(PXN-AS1 antisense chr12	1.2E+08	1.2E+08	+	2.63	2.37
ENSG0000(RP11-612B lincRNA chr12	26315715	26317813	+	0	0
ENSG0000(RP11-807H unprocesschr11	72172455	72177954	+	0	0
ENSG0000(AC073610. protein_cochr12	48921963	48939663	-	0	0
ENSG0000(RP11-444D lincRNA chr12	24213256	24562590	-	0	0.14
ENSG0000(RP11-221N lincRNA chr12	65559591	65560889	+	0	0
ENSG0000(DENND5B- antisense chr12	31589923	31615666	+	0.05	0.06
ENSG0000(RP11-667N processed_chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-69C1 lincRNA chr12	16693800	16695977	+	0	0
ENSG0000(RP11-613N protein_cochr9	37588413	38068687	-	0	0.05
ENSG0000(LINC00346 lincRNA chr13	1.11E+08	1.11E+08	-	0.63	0.63
ENSG0000(CTD-2102P processed_chr19	52809824	52810708	+	0	0

ENSG0000(RP11-290C antisense)	chr12	9867027	9869808	+	0	0
ENSG0000(FUNDC2P1 processed)	chr5	73508685	73509254	+	0	0
ENSG0000(RP11-815D processed)	chr12	7870852	7871370	+	0	0
ENSG0000(RP11-196H antisense)	chr12	64038562	64097618	-	0	0
ENSG0000(NDFIP1P1 processed)	chr12	18358443	18358967	-	0	0
ENSG0000(RP11-685N antisense)	chr11	94472908	94473570	-	2.06	1.2
ENSG0000(XXbac-BPG unprocessed)	chr6	31224342	31225058	-	0	0
ENSG0000(RP11-407A processed)	chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RPL12P46 processed)	chr11	1.16E+08	1.16E+08	+	0	0
ENSG0000(PDCD5P1 processed)	chr12	19413153	19413461	+	0	0
ENSG0000(RP11-405A lincRNA)	chr12	19775451	20009937	+	0	0.1
ENSG0000(RP13-895J antisense)	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(AC226150 processed)	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(CCND2-AS2 antisense)	chr12	4252735	4275065	-	0.3	0
ENSG0000(RP11-662I1 antisense)	chr12	24949163	24960158	+	0	0
ENSG0000(RP11-983C processed)	chr12	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-456I1 antisense)	chr11	73722349	73722694	+	0	0
ENSG0000(RP11-867G antisense)	chr11	94545330	94740355	-	0	0
ENSG0000(RP11-286N lincRNA)	chr11	61496440	61500076	+	0	0
ENSG0000(RP11-495K lincRNA)	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-407A lincRNA)	chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-351C lincRNA)	chr12	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-173P antisense)	chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-855C lincRNA)	chr11	61654665	61655702	-	0	0
ENSG0000(AP003419 antisense)	chr11	67431367	67435399	-	0	0.18
ENSG0000(RP11-967K processed)	chr12	28164958	28165662	+	0	0
ENSG0000(RP11-656E antisense)	chr12	10214161	10214761	-	0	0
ENSG0000(RP11-804A antisense)	chr11	60835996	60842965	-	0.15	0
ENSG0000(RP11-459D processed)	chr12	18424663	18425140	+	0	0
ENSG0000(HSPD1P12 processed)	chr12	8015024	8016406	+	0	0
ENSG0000(RP11-408I1 processed)	chr12	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP5-940J5 antisense)	chr12	6532290	6533498	-	0.32	0
ENSG0000(HADHAP2 processed)	chr12	8634367	8637608	+	0	0
ENSG0000(RP11-513G antisense)	chr12	26318953	26421462	+	0	0
ENSG0000(RP11-43N5 lincRNA)	chr12	67709047	67729475	-	0	0
ENSG0000(RP11-324E processed)	chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP11-592H processed)	chr12	5583797	5584085	+	0	0
ENSG0000(CYP2A6 protein)	chr19	40843538	40850447	-	0	0
ENSG0000(RAB11AP2 processed)	chr12	67131567	67132205	-	0	0
ENSG0000(RP11-444J processed)	chr12	7606834	7607331	+	0	0
ENSG0000(AP000439 lincRNA)	chr11	69425690	69429621	+	0	0
ENSG0000(NXPE2P1 processed)	chr11	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-1038 lincRNA)	chr12	5388589	5406651	+	0	0
ENSG0000(MT1JP transcribed)	chr16	56635739	56637086	+	0.14	0.15
ENSG0000(TOMM20P processed)	chr17	35514766	35515186	-	0	0

ENSG0000(TUBB4BP1 processed_ chr12	25440875	25441052	-	0	0
ENSG0000(RP11-242C processed_ chr12	39466442	39467345	-	0	0
ENSG0000(RP11-417L lincRNA chr12	1.32E+08	1.32E+08	-	0	0.21
ENSG0000(PSMC1P9 processed_ chr12	18692762	18694096	+	0	0
ENSG0000(HPRTP4 processed_ chr11	93991346	93991429	-	0	0
ENSG0000(RP11-429A processed_ chr12	5032388	5032941	-	0.26	0.09
ENSG0000(RP11-407A lincRNA chr12	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-575F lincRNA chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-20D1 processed_ chr12	8678773	8679670	+	0	0
ENSG0000(AC084117. sense_intr chr11	18405609	18406731	+	0.45	0
ENSG0000(ARAP1-AS1 antisense chr11	72685075	72693808	+	0	0
ENSG0000(RP11-728G antisense chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-392P antisense chr12	12962300	12963539	+	0	0
ENSG0000(RP11-27M: antisense chr16	10529440	10532082	+	0	0
ENSG0000(TAS2R63P processed_ chr12	11048332	11049256	-	0	0
ENSG0000(RP5-1154L. sense_intr chr12	585865	586486	-	0	0
ENSG0000(ELOCP31 processed_ chr12	21447545	21448314	-	0	0
ENSG0000(RP11-526P lincRNA chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(CACNA1C- antisense chr12	2220537	2223479	-	0	0
ENSG0000(RP11-197N processed_ chr12	1.23E+08	1.23E+08	+	0.46	0.59
ENSG0000(RP11-190A protein_co chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(CBX3P4 transcribec chr12	2786931	2794295	-	0.19	0
ENSG0000(RP11-364C sense_intr chr12	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-707G antisense chr11	73760563	73761070	+	0.57	0.84
ENSG0000(AP000619. processed_ chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(MRPL40P1 processed_ chr12	67351436	67352039	+	0	0
ENSG0000(RP11-291B lincRNA chr12	10553363	10558049	+	0	0
ENSG0000(PAPPA-AS1 antisense chr9	1.16E+08	1.16E+08	-	0.04	0.12
ENSG0000(RP11-959F processed_ chr11	63032503	63033103	-	0	0
ENSG0000(CTSO protein_co chr4	1.56E+08	1.56E+08	-	12.98	13.47
ENSG0000(RP11-324E processed_ chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(MTRNR2L1 protein_co chrX	55181391	55182920	-	0.11	0.01
ENSG0000(RP11-982M lincRNA chr14	1.05E+08	1.05E+08	+	0.76	0.2
ENSG0000(APOPT1 protein_co chr14	1.04E+08	1.04E+08	+	17.51	19.56
ENSG0000(RP11-709A unprocess chr12	27592461	27594039	-	0	0
ENSG0000(TRAPPC2B protein_co chr19	57363511	57365353	+	6.01	5.57
ENSG0000(DYX1C1 protein_co chr15	55410525	55508234	-	1.67	1.11
ENSG0000(RP11-117L lincRNA chr12	1.3E+08	1.3E+08	-	0	0
ENSG0000(A2MP1 transcribec chr12	9228533	9275817	-	0	0
ENSG0000(RP11-56H1 processed_ chr12	33454345	33455452	+	0	0
ENSG0000(RP11-465L antisense chr12	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP11-335I1 antisense chr12	66251745	66257434	-	0	0
ENSG0000(URB1-AS1 lincRNA chr21	32393130	32393960	+	2.59	2.01
ENSG0000(RP11-81H1 processed_ chr12	68473741	68474902	+	0	0
ENSG0000(RP11-335C lincRNA chr12	67571197	67589987	-	0	0

ENSG0000(RP11-318G processed_ chr12	25435581	25436238	-	0	0
ENSG0000(AE000658. processed_ chr14	21585290	21586280	-	0	0
ENSG0000(RP11-366L. antisense chr12	65934777	65948479	-	0	0
ENSG0000(RP11-134N lincRNA chr12	14216590	14221297	+	0.11	0
ENSG0000(RP11-337L. lincRNA chr12	1.3E+08	1.3E+08	-	0	0
ENSG0000(ZNF432 protein_co chr19	52031379	52095738	-	3.13	3.24
ENSG0000(MTRF1LP1 processed_ chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP13-942N lincRNA chr12	1.23E+08	1.23E+08	+	0.52	0.83
ENSG0000(RP11-158L. processed_ chr12	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-691F processed_ chr11	74142151	74142358	+	0	0
ENSG0000(AP000721. protein_co chr11	63974620	63988346	+	0	0
ENSG0000(RP11-90D4 lincRNA chr12	8321876	8329614	+	0	0
ENSG0000(ATP5J2P5 processed_ chr12	6270168	6270425	-	0	0
ENSG0000(RP13-672B processed_ chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-319E lincRNA chr12	5233997	5243151	-	0	0
ENSG0000(RP11-783K antisense chr11	64229214	64234352	-	0.87	4.15
ENSG0000(RP11-778H lincRNA chr12	24223271	24237965	+	0	0
ENSG0000(LINC01152 lincRNA chr17	72030291	72041297	+	0.11	0.16
ENSG0000(RP5-944M. processed_ chr12	1.26E+08	1.26E+08	-	0	0
ENSG0000(LINC00944 lincRNA chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(EGLN3P1 processed_ chr12	15971890	15972609	-	0	0
ENSG0000(RP11-113C processed_ chr12	8406833	8407195	-	0	0
ENSG0000(RP11-174M lincRNA chr12	1.3E+08	1.3E+08	-	0	0
ENSG0000(ZKSCAN7P. processed_ chr12	18493051	18493723	+	0	0
ENSG0000(RP11-968C sense_ovei chr12	1.09E+08	1.09E+08	+	0.27	0.23
ENSG0000(RP11-319E lincRNA chr12	5315961	5319347	+	0	0
ENSG0000(RP11-809N processed_ chr11	73510658	73510820	+	0	0
ENSG0000(RP11-357K lincRNA chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-885B processed_ chr12	2695765	2812902	-	0	0
ENSG0000(RP11-76C1 lincRNA chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-463C lincRNA chr12	1.23E+08	1.23E+08	+	0	0.17
ENSG0000(RP11-277P lincRNA chr12	10358464	10361045	-	0	0
ENSG0000(RP11-80N2 processed_ chr12	20845065	20845260	+	0	0
ENSG0000(RP11-820K processed_ chr12	31477506	31477987	+	0	0
ENSG0000(SMLR1 protein_co chr6	1.31E+08	1.31E+08	+	0	0
ENSG0000(CCND2-AS1 antisense chr12	4248765	4276184	-	0.26	0.28
ENSG0000(XXbac-BPG lincRNA chr6	31293908	31301642	-	0	0
ENSG0000(ATF4P4 transcribec chr11	1.14E+08	1.14E+08	+	0.12	0.13
ENSG0000(GCSHP4 processed_ chr12	8141168	8142697	-	0	0
ENSG0000(RP11-473M lincRNA chr12	67440998	67442559	-	0	0
ENSG0000(RP11-627K processed_ chr12	31311617	31312029	+	0	0
ENSG0000(AP000438. unprocessε chr11	63265836	63266256	-	0	0
ENSG0000(RP11-612B 3prime_ov chr12	26335864	26336950	-	0	0
ENSG0000(TAS2R30 protein_co chr12	11132958	11134644	-	0	0
ENSG0000(RP11-167N processed_ chr11	73991283	73992180	-	0	0

ENSG0000(RP11-290I2 processed_ chr12	64266413	64266766	+	0	0
ENSG0000(LINC00507 lincRNA chr12	1.28E+08	1.28E+08	+	0.22	0.42
ENSG0000(RP11-64D2 antisense chr11	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-881M antisense chr11	60918469	60925397	-	0	0
ENSG0000(TSPAN9-IT: sense_intron chr12	3149797	3151476	+	0	0
ENSG0000(RP11-439H antisense chr12	64507166	64533638	-	0	0
ENSG0000(RP11-243N lincRNA chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-140L: protein_coding chr11	14493783	14520344	-	0	0
ENSG0000(RP11-897M lincRNA chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(AC005255. processed_ chr19	14792318	14792533	+	0	0
ENSG0000(RP11-1018 processed_ chr12	16989126	16989936	+	0	0
ENSG0000(RP11-1038 lincRNA chr12	5366048	5367774	-	0.23	0.14
ENSG0000(CTD-2331C processed_ chr11	61227168	61248533	+	0.08	0
ENSG0000(AE000661. processed_ chr14	22332922	22334685	-	0	0
ENSG0000(MTRNR2L3 protein_coding chr20	57358442	57359980	-	0.04	0.24
ENSG0000(ZNF10 protein_coding chr12	1.33E+08	1.33E+08	+	3.45	3.5
ENSG0000(RP11-582E lincRNA chr12	27105151	27161393	-	0	0
ENSG0000(ZNF486 protein_coding chr19	20167228	20200490	+	1.1	0.94
ENSG0000(RP11-771K lincRNA chr12	31363481	31369301	-	0	0
ENSG0000(RP11-283G antisense chr12	26211164	26335856	-	0	0
ENSG0000(SMIM3 protein_coding chr5	1.51E+08	1.51E+08	+	12.42	11.37
ENSG0000(RP11-434C lincRNA chr12	11541395	11555838	-	0	0
ENSG0000(SUPT16HP: processed_ chr12	16399274	16402406	-	0.02	0
ENSG0000(RPL7AP3 processed_ chr14	35235180	35235651	-	0	0
ENSG0000(RP11-123C lincRNA chr12	66891876	67069162	-	0	0
ENSG0000(RP11-324E lincRNA chr12	1.23E+08	1.23E+08	+	0	0.04
ENSG0000(RP11-989F lincRNA chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(AP000647. processed_ chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-443N lincRNA chr12	25882955	25885855	-	0	0
ENSG0000(CACNA1C-I sense_intron chr12	2048352	2049463	+	0	0
ENSG0000(RP11-495K lincRNA chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-366L lincRNA chr12	66027725	66031066	-	0	0
ENSG0000(USP30-AS1 antisense chr12	1.09E+08	1.09E+08	-	0.21	0.11
ENSG0000(DDX11L8 unprocessed_ chr12	12310	13501	+	0	0
ENSG0000(RP11-221N lincRNA chr12	65602869	65612997	+	0.24	0.38
ENSG0000(HMBS protein_coding chr11	1.19E+08	1.19E+08	+	6.53	9.02
ENSG0000(CACNA1C-1 antisense chr12	2668500	2672220	-	0.46	0
ENSG0000(RP11-71J4. lincRNA chr12	68344664	68349959	+	0	0
ENSG0000(TAS2R64P transcribed chr12	11076769	11079171	-	0.2	0.08
ENSG0000(RP5-916L7. lincRNA chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-182J: antisense chr15	84611689	84614969	-	0	0
ENSG0000(RP11-466C processed_ chr11	63834667	63834943	-	0	0
ENSG0000(RP11-136I1 lincRNA chr11	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-504G transcribed chr11	18595459	18599683	-	0	0
ENSG0000(METTL8P1 processed_ chr12	15255213	15255823	-	0	0

ENSG0000(OSBPL9P5 processed_ chr12	66563524	66563694	+	0	0
ENSG0000(RP11-983C lincRNA chr12	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-664H lincRNA chr12	20014780	20098868	+	0	0
ENSG0000(RP11-277P lincRNA chr12	10332861	10338292	-	0	0
ENSG0000(RP11-955H lincRNA chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-114F processed_ chr12	64338178	64338797	-	0	0
ENSG0000(ZNF225 protein_co chr19	44112181	44134816	+	2.83	3.84
ENSG0000(RP11-474D lincRNA chr12	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-989F lincRNA chr12	1.31E+08	1.31E+08	-	0	1.76
ENSG0000(CCDC150P processed_ chr12	1.22E+08	1.22E+08	-	0.02	0.03
ENSG0000(RP11-4N23 processed_ chr12	13526854	13547582	+	0	0
ENSG0000(NDUFA5P6 processed_ chr12	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-64B1 antisense chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP13-977J lincRNA chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-338E antisense chr12	64654060	64655019	-	0	0
ENSG0000(AP000462 processed_ chr11	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-153K lincRNA chr12	23099368	23191587	+	0	0
ENSG0000(RP11-611C antisense chr12	68828118	68828553	+	0	0
ENSG0000(NIFKP3 processed_ chr12	7604350	7605214	-	0	0
ENSG0000(RPL41P2 processed_ chr15	28315651	28316059	+	0.42	0
ENSG0000(RP11-233G antisense chr12	14841092	14844708	+	0	0
ENSG0000(ABCC6P1 transcribed chr16	18571162	18598328	+	0.13	0.14
ENSG0000(RP11-21A7 antisense chr11	64118272	64119210	-	0	0.14
ENSG0000(RP3-446N1 lincRNA chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-662N lincRNA chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-72J9 processed_ chr12	14169746	14169877	+	0	0
ENSG0000(OR8R1P unprocessε chr11	73248779	73249867	+	0	0
ENSG0000(CTD-3074C protein_co chr11	66509079	66533613	+	0	0
ENSG0000(AE000658 unprocessε chr14	21698954	21699151	-	0	0
ENSG0000(RP1-7G5.5 processed_ chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-686N processed_ chr12	23108458	23108493	-	0	0
ENSG0000(NTAN1P3 processed_ chr12	67424272	67424986	-	0	0
ENSG0000(HSPA8P5 processed_ chr12	4097451	4099519	+	0	0
ENSG0000(RP11-349I1 antisense chr14	94430633	94464730	+	0	0
ENSG0000(RPL31P57 processed_ chr17	64308316	64308690	-	0	0
ENSG0000(RP11-613F processed_ chr11	18511043	18511475	-	0	0
ENSG0000(RP11-955H lincRNA chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-173P antisense chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(LRRC34P1 processed_ chr12	22573425	22575105	+	0	0
ENSG0000(RP11-428G processed_ chr12	31853021	31853407	-	0	0
ENSG0000(PPIAL4D protein_co chr1	1.45E+08	1.45E+08	-	0	0
ENSG0000(RP11-1060 antisense chr12	27696388	27710770	-	0	0
ENSG0000(RP11-993B unprocessε chr12	27935523	27935749	-	0	0
ENSG0000(TRAV8-5 TR_V_pseu chr14	21903077	21904598	+	0	0
ENSG0000(RP11-500N sense_intrε chr12	4645496	4648027	+	0	0

ENSG0000(UBE2NP1 processed_ chr14	21611924	21612381	-	0	0
ENSG0000(RP11-606D lincRNA chr12	17589257	17615463	+	0	0
ENSG0000(RPL41P5 processed_ chr12	93083598	93083675	-	0	0
ENSG0000(ASIC5 protein_co chr4	1.56E+08	1.56E+08	-	0	0
ENSG0000(RP11-274J processed_ chr12	63887379	63888598	-	0	0
ENSG0000(RP11-673D processed_ chr12	11097179	11097274	-	0	0
ENSG0000(RP11-7N14 antisense chr11	72410716	72412079	+	0	0
ENSG0000(RP11-446E protein_co chr1	54132686	54200073	-	0.06	0
ENSG0000(RP11-1038 lincRNA chr12	5290480	5383653	+	0	0
ENSG0000(OSBPL9P4 processed_ chr12	66563967	66569194	-	0	0
ENSG0000(RP11-886D lincRNA chr11	1.04E+08	1.05E+08	-	0	0
ENSG0000(RP11-495K lincRNA chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-118B lincRNA chr12	9246497	9257960	+	0	0
ENSG0000(RP11-102E2 lincRNA chr12	6393905	6396148	+	0.16	0.27
ENSG0000(TAS2R31 protein_co chr12	11030387	11031407	-	0.24	0.26
ENSG0000(RP11-443N lincRNA chr12	25831416	25834182	-	0	0
ENSG0000(RP11-300I processed_ chr11	69737298	69738017	-	0	0
ENSG0000(RP11-705C antisense chr12	9647014	9648009	-	0	0
ENSG0000(RP11-794G lincRNA chr11	61539516	61542259	-	0	0.07
ENSG0000(RP11-809N antisense chr11	73405297	73410682	+	0	0
ENSG0000(RP11-424N processed_ chr12	16513445	16514371	+	0	0
ENSG0000(RP11-667N antisense chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(DND1 protein_co chr5	1.41E+08	1.41E+08	-	0.25	0.12
ENSG0000(RP11-363J antisense chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(RP11-116G antisense chr10	5524976	5525742	-	0	0
ENSG0000(SALL3 protein_co chr18	78980275	79002677	+	0	0
ENSG0000(YWHABP2 processed_ chr11	18490243	18490955	-	0	0
ENSG0000(RP11-428G processed_ chr12	31893370	31893702	+	0	0
ENSG0000(RP11-856F antisense chr11	94874052	94925521	-	0	0
ENSG0000(RP11-437F antisense chr12	23637973	23638487	+	0	0
ENSG0000(TRAV11 TR_V_pseu chr14	21829539	21830070	+	0	0
ENSG0000(RP11-185H processed_ chr12	7237432	7240986	+	0	0
ENSG0000(RP11-21A7 antisense chr11	64081690	64087175	+	0	0
ENSG0000(RP11-625L antisense chr12	24830421	24836558	+	0	0
ENSG0000(RP13-507P lincRNA chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP5-944M lincRNA chr12	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-955H unprocessε chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(CTC-465D4 lincRNA chr12	20120980	20129813	-	0	0
ENSG0000(RP11-73M protein_co chr14	1.04E+08	1.04E+08	+	5.6	5.45
ENSG0000(RP11-955H processed_ chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-1060 lincRNA chr12	27704568	27708365	+	0	0
ENSG0000(MRGPRF-A antisense chr11	69012283	69018447	+	0.56	0.36
ENSG0000(RP11-860B antisense chr12	27798641	27800708	-	0	0
ENSG0000(RP11-977P lincRNA chr12	28821975	28825831	-	0	0
ENSG0000(AP003419 protein_co chr11	67351572	67373584	-	23.34	33.2

ENSG00000180700	RP11-807H unprocessed	chr11	72158822	72159734	+	0	0
ENSG00000180700	POLG2 protein_coding	chr17	64477785	64497036	-	3.85	5.37
ENSG00000180700	RP11-212D processed	chr11	1.14E+08	1.14E+08	+	0	0.13
ENSG00000180700	SMIM10L1 protein_coding	chr12	11171222	11176016	+	4.79	4.54
ENSG00000180700	RP11-847H lincRNA	chr12	34037438	34056740	+	0.08	0
ENSG00000180700	RP11-598F lincRNA	chr12	166856	182399	-	0	0
ENSG00000180700	RP13-895J antisense	chr12	1.32E+08	1.32E+08	+	0	0
ENSG00000180700	AC156455 processed	chr12	1.22E+08	1.22E+08	+	0.67	1.37
ENSG00000180700	RP13-653N lincRNA	chr12	1.28E+08	1.28E+08	-	0	0
ENSG00000180700	RP11-113C transcribed	chr12	8320381	8369555	+	0	0
ENSG00000180700	TRAV1-2 TR_V_gene	chr14	21642889	21643578	+	0	0
ENSG00000180700	RP11-1060 processed	chr12	27608733	27609046	-	0	0
ENSG00000180700	LINC01486 lincRNA	chr12	1.09E+08	1.09E+08	-	0	0
ENSG00000180700	NANOGNB processed	chr12	1.33E+08	1.33E+08	-	0	0
ENSG00000180700	RP11-424M antisense	chr12	16567411	16573940	+	0.12	0.51
ENSG00000180700	RP4-734P1 protein_coding	chr20	2467212	2508907	-	0.85	0.31
ENSG00000180700	RP11-800A lincRNA	chr11	73176694	73181696	+	0	0
ENSG00000180700	RP11-173P antisense	chr12	1.21E+08	1.21E+08	-	0	0
ENSG00000180700	RP11-274J sense_intronic	chr12	63878787	63879474	+	0	0
ENSG00000180700	OR13A1 protein_coding	chr10	45302654	45315608	-	0	0.11
ENSG00000180700	RP13-977J lincRNA	chr12	1.32E+08	1.32E+08	-	0.35	0.43
ENSG00000180700	RP11-283I antisense	chr12	203642	205094	+	0	0
ENSG00000180700	NLRP9P1 unprocessed	chr12	1.29E+08	1.29E+08	+	0	0
ENSG00000180700	RP11-75L1 lincRNA	chr12	9704077	9709350	+	0	0
ENSG00000180700	RP11-613F sense_intronic	chr11	18507608	18508820	-	0	0
ENSG00000180700	ENPP7P5 unprocessed	chr12	8254527	8308855	-	0	0
ENSG00000180700	TRDV3 TR_V_gene	chr14	22469041	22469698	-	0	0
ENSG00000180700	RP11-286N protein_coding	chr11	61429220	61485822	+	20.77	18.81
ENSG00000180700	RP11-705C transcribed	chr12	9617284	9658412	+	2.04	1.62
ENSG00000180700	RP11-522N lincRNA	chr12	1.24E+08	1.24E+08	+	0.02	0
ENSG00000180700	FLJ37505 lincRNA	chr12	1.28E+08	1.28E+08	+	0	0.03
ENSG00000180700	RP11-667M antisense	chr11	1.14E+08	1.14E+08	-	0	0
ENSG00000180700	RP11-64B1 antisense	chr12	1.19E+08	1.19E+08	-	0	0
ENSG00000180700	CYP2B7P transcribed	chr19	40924219	40950660	+	0.12	0.18
ENSG00000180700	AK6P1 processed	chr12	34249481	34249958	+	0	0
ENSG00000180700	RP11-59N2 antisense	chr12	21662313	21760032	+	0	0
ENSG00000180700	RP11-815J transcribed	chr18	12073232	12076654	-	0.23	0.2
ENSG00000180700	MTRNR2L1 protein_coding	chr17	22523111	22524663	+	27.98	30.75
ENSG00000180700	RP11-582E unprocessed	chr12	27121910	27147664	+	0	0.15
ENSG00000180700	RP11-133L unprocessed	chr12	10040848	10045711	+	0	0
ENSG00000180700	RP11-6B19 processed	chr12	15803164	15804158	+	0	0
ENSG00000180700	ZBTB11-AS antisense	chr3	1.02E+08	1.02E+08	+	0.93	1.35
ENSG00000180700	RP11-428I unprocessed	chr12	1.28E+08	1.28E+08	-	0	0
ENSG00000180700	RP13-672B protein_coding	chr12	1.33E+08	1.33E+08	+	0	0
ENSG00000180700	RP11-169D antisense	chr11	72584572	72587979	+	0.1	0.11

ENSG0000(LINC01965 lincRNA chr2	1.04E+08	1.04E+08	+	0.08	0
ENSG0000(RP11-666F processed_chr12	26800843	26801302	+	0	0
ENSG0000(LINC00273 lincRNA chr16	34158585	34160036	-	0	0
ENSG0000(CRAT8 lincRNA chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-111K protein_co chr7	42909273	42932174	-	12.84	8.94
ENSG0000(RERG-IT1 sense_intr chr12	15112363	15114698	-	0	0
ENSG0000(RP11-144C processed_chr12	10831074	10832016	-	0.07	0.07
ENSG0000(RP11-429A processed_chr12	4909867	5026012	+	0.06	0.05
ENSG0000(RP11-144C processed_chr12	11196075	11196996	-	0	0
ENSG0000(RP11-180M antisense chr12	12723297	12724011	-	0	0
ENSG0000(RP13-653N lincRNA chr12	1.28E+08	1.28E+08	+	0	0
ENSG0000(CLEC12B protein_co chr12	10010627	10018619	+	0	0
ENSG0000(A2ML1-AS: antisense chr12	8776219	8830947	-	0	0
ENSG0000(RP11-424C processed_chr12	20551590	20553012	+	0	0
ENSG0000(RP11-611C processed_chr12	68841946	68842384	+	23.75	19.04
ENSG0000(KLRA1P transcribed chr12	10588063	10599669	-	1.29	1.19
ENSG0000(RP11-338E antisense chr12	64599078	64609459	-	0	0
ENSG0000(LIMS4 protein_co chr2	1.1E+08	1.1E+08	-	2.92	2.42
ENSG0000(RP11-218M lincRNA chr12	674801	684127	-	0	0
ENSG0000(RP11-599J: unprocess chr12	9398355	9414851	-	0	0
ENSG0000(RP11-172C processed_chr11	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-611C processed_chr12	68805011	68805479	-	0	0
ENSG0000(CCDC58P5 processed_chr11	73850469	73851211	-	0	0
ENSG0000(TAS2R12 transcribed chr12	10894943	10896952	-	0	0.07
ENSG0000(ZNF350 protein_co chr19	51964343	51986856	-	3.8	5.59
ENSG0000(RP11-49K4 lincRNA chr11	96508425	96514748	+	0	0
ENSG0000(RP11-443N lincRNA chr12	25782706	25814171	-	0	0
ENSG0000(RP11-727F antisense chr11	62832234	62834043	+	0.51	0
ENSG0000(RP11-476M antisense chr12	3462718	3463586	-	0	0
ENSG0000(RP11-598F antisense chr12	164664	166321	-	0	0
ENSG0000(RP1-166H1 lincRNA chr12	1.2E+08	1.2E+08	+	0	0
ENSG0000(RP11-669N lincRNA chr12	1.29E+08	1.29E+08	+	0	0
ENSG0000(SDCCAG3P processed_chr18	60009994	60011143	-	0	0
ENSG0000(CTD-2017C antisense chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP5-1096D antisense chr12	1917951	1922867	+	0	0
ENSG0000(RP11-444B processed_chr12	68143318	68143690	+	0	0
ENSG0000(RP1-19N1.: processed_chrX	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-785H sense_intr chr12	11166090	11171353	-	0	0
ENSG0000(PGA5 protein_co chr11	61241042	61251448	+	0.59	0.14
ENSG0000(RP11-73M: lincRNA chr12	22395088	22398075	-	0	0
ENSG0000(AP000797: lincRNA chr11	1.16E+08	1.16E+08	+	0	0
ENSG0000(BTG1P1 processed_chr12	9135084	9135591	+	0.29	0
ENSG0000(CACNA1C-I sense_intr chr12	2269776	2288937	+	0	0
ENSG0000(RP11-167N processed_chr11	73994972	73996151	-	0	0
ENSG0000(RP11-662M lincRNA chr12	1.31E+08	1.31E+08	-	0	0

ENSG0000(RP11-407A lincRNA	chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-881N lincRNA	chr11	61055737	61067535	+	0	0
ENSG0000(RP11-613F processed_	chr11	18450112	18450868	-	0	0
ENSG0000(RBBP4P5 processed_	chr14	21563819	21565084	+	0	0
ENSG0000(RP11-45F1 antisense	chr11	72351347	72353210	+	0	0
ENSG0000(RP13-941N lincRNA	chr12	1.22E+08	1.22E+08	+	0.27	0.73
ENSG0000(RP11-680H processed_	chr11	94188449	94188997	-	0	0
ENSG0000(RP11-17G1 antisense	chr11	47270657	47272110	-	0	0
ENSG0000(RP11-860B antisense	chr12	27779821	27781067	-	0	0
ENSG0000(RP11-234B processed_	chr12	4601991	4603420	-	0	0
ENSG0000(RP11-3L23 lincRNA	chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(PLBD1-AS1 antisense	chr12	14567750	14619755	+	0	0.15
ENSG0000(HPRT1P3 processed_	chr11	93998643	93999218	-	0	0
ENSG0000(TIMM17BP processed_	chr12	17400399	17400914	+	0	0
ENSG0000(RP11-159N antisense	chr11	1.13E+08	1.13E+08	+	0	0
ENSG0000(STH protein_co	chr17	45999250	45999694	+	0	0
ENSG0000(RP1-116K2 lincRNA	chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(CACNA1C- antisense	chr12	2603350	2607440	-	0	0
ENSG0000(ZNF253 protein_co	chr19	19865886	19894674	+	0.99	0.67
ENSG0000(RP11-268P processed_	chr12	22596228	22596551	+	0	0
ENSG0000(PDCL3P7 processed_	chr12	66275940	66276651	-	0	0
ENSG0000(RP11-60C6 transcribec	chr11	95037482	95039811	+	0.38	0.21
ENSG0000(RP11-503G lincRNA	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-697H antisense	chr11	63637677	63658962	+	0	0
ENSG0000(KLRF2 protein_co	chr12	9881489	9895833	+	0	0
ENSG0000(RP11-500N processed_	chr12	4635349	4636140	-	0	0
ENSG0000(RP11-680F antisense	chr15	29674990	29680957	+	0.65	0.99
ENSG0000(RP11-133L antisense	chr12	10015240	10030606	-	0	0
ENSG0000(RP13-977J processed_	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(C17orf100 protein_co	chr17	6651718	6693202	+	1.98	1.17
ENSG0000(RP11-76C1 lincRNA	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-7M8 antisense	chr12	1.22E+08	1.22E+08	+	0	0
ENSG0000(CAPNS2 protein_co	chr16	55566672	55567687	+	0.06	0.07
ENSG0000(RP11-804A antisense	chr11	60841806	60851081	-	0	0
ENSG0000(RP11-158L lincRNA	chr12	1.25E+08	1.25E+08	+	0	0
ENSG0000(TPT1P12 processed_	chr12	9155881	9156372	-	0	0
ENSG0000(RP11-21A7 antisense	chr11	64035970	64103653	+	0	0
ENSG0000(CTD-2140B protein_co	chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(ATP5J2P4 processed_	chr17	64491523	64491789	+	0	0
ENSG0000(RP11-214K processed_	chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(GS1-410F4 processed_	chr12	67978107	67978387	-	0	0
ENSG0000(CACNA1C-l sense_intr	chr12	2018213	2020532	+	0	0
ENSG0000(RP11-467L processed_	chr12	31748100	31748240	-	0	0
ENSG0000(MEF2BNBP processed_	chr12	19107854	19108183	-	0	0
ENSG0000(CCND2P1 processed_	chr11	63243085	63244004	+	0	0

ENSG0000(RP11-405A processed_ chr12	19941521	19943018	+	0	0
ENSG0000(XXbac-BPG unprocessε chr6	31515979	31516211	+	0	0
ENSG0000(KNOP1P1 processed_ chr12	24583561	24584549	+	0	0
ENSG0000(RP11-512N protein_co chr12	1.22E+08	1.22E+08	-	0.12	0.16
ENSG0000(RP11-664D antisense chr12	3871734	3910338	+	0	0
ENSG0000(RP11-959F unprocessε chr11	63237957	63239114	-	0	0
ENSG0000(SLC5A8 protein_co chr12	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-503G lincRNA chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-284H antisense chr12	20361732	20370262	-	0	0
ENSG0000(RP11-64B1 antisense chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP13-81N3 lincRNA chr12	10750234	10777444	+	0	0
ENSG0000(MTRNR2L7 protein_co chr10	37601440	37602974	-	0	0
ENSG0000(RP11-283G antisense chr12	26125155	26126617	-	0.63	1.68
ENSG0000(PSMC1P8 processed_ chr12	17383352	17384647	-	0	0
ENSG0000(RP11-17G1 antisense chr11	47220218	47221751	-	0	0
ENSG0000(RP11-707G processed_ chr11	73921665	73922196	-	0	0
ENSG0000(IQSEC3P1 processed_ chr12	2752597	2753132	-	0.14	0
ENSG0000(A2ML1-AS2 antisense chr12	8819816	8820713	-	0	0
ENSG0000(RP11-474D lincRNA chr12	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-75L1 processed_ chr12	9817350	9818025	-	0	0
ENSG0000(RP1-102E2 processed_ chr12	6477714	6480207	+	0	0
ENSG0000(RP11-221N lincRNA chr12	65644334	65663299	+	0	0
ENSG0000(RP11-817J antisense chr11	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-81H1 processed_ chr12	68487687	68487863	+	0	0
ENSG0000(RP11-749H lincRNA chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-449P lincRNA chr12	22742582	22743091	+	0	0
ENSG0000(ADGRA1-A antisense chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP5-944M lincRNA chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-809N antisense chr11	73395559	73396436	-	0	0
ENSG0000(KRT17P8 processed_ chr12	9127783	9128645	+	0	0
ENSG0000(RP11-783K antisense chr11	64245964	64248217	+	19	20.19
ENSG0000(RP13-895J antisense chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-881N antisense chr11	60913166	60914052	-	0	0
ENSG0000(RP11-64D2 antisense chr11	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-598F antisense chr12	106524	111850	-	0	0
ENSG0000(RP11-87C1 protein_co chr12	1.22E+08	1.22E+08	+	0	0.06
ENSG0000(AC055876 transcribec chr15	28789199	28789486	+	0	0
ENSG0000(RP11-6B19 lincRNA chr12	15813493	15828274	-	0	0
ENSG0000(RP11-417L lincRNA chr12	1.32E+08	1.32E+08	+	0	0.09
ENSG0000(RP11-216P processed_ chr12	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-613N protein_co chr9	37512547	37592469	-	0.2	0
ENSG0000(RP11-273B antisense chr12	7129079	7131198	-	0	0.19
ENSG0000(SNRPEP2 processed_ chr9	6748703	6748981	-	0	0
ENSG0000(RP11-320N lincRNA chr12	4020977	4026658	+	0	0
ENSG0000(LINC00508 lincRNA chr12	1.28E+08	1.28E+08	-	0	0

ENSG00000140046.2	lincRNA	chr11	1.15E+08	1.15E+08	+	0	0
ENSG00000140049	lincRNA	chr12	22460519	22463914	-	0.44	1.07
ENSG00000140050	processed	chr12	9506347	9508440	-	0	0.06
ENSG00000140051	protein_coding	chr2	1.1E+08	1.1E+08	+	0.52	1.99
ENSG00000140052	protein_coding	chr6	73223544	73225770	-	0	0
ENSG00000140053	processed	chr12	11158785	11159694	-	0.07	0
ENSG00000140054	lincRNA	chr16	89046172	89052965	-	0	0
ENSG00000140055	transcribed	chr12	31012503	31015806	+	0	0
ENSG00000140056	unprocessed	chr12	34162477	34163442	+	0	0
ENSG00000140057	processed	chr12	31953889	31955268	+	0	0
ENSG00000140058	lincRNA	chr12	4806542	4808641	-	0	0
ENSG00000140059	lincRNA	chr12	17509353	17589992	-	0	0
ENSG00000140060	lincRNA	chr12	22699859	23174125	+	0.03	0
ENSG00000140061	antisense	chr12	1.32E+08	1.32E+08	-	0	0
ENSG00000140062	antisense	chr11	62909546	62918361	+	0	0
ENSG00000140063	lincRNA	chr12	12668982	12685075	+	0	0
ENSG00000140064	processed	chr12	63651627	63651930	+	0	0
ENSG00000140065	protein_coding	chr17	74367407	74372622	+	0	0
ENSG00000140066	sense_intronic	chr12	25585994	25592928	-	0	0
ENSG00000140067	unprocessed	chr11	95040411	95041571	+	0	0
ENSG00000140068	processed	chr12	10551266	10551535	-	0	0
ENSG00000140069	protein_coding	chr16	72054592	72061055	+	0.58	0.23
ENSG00000140070	processed	chr12	1.27E+08	1.27E+08	+	0	0
ENSG00000140071	antisense	chr12	21827210	21887957	+	0	0.16
ENSG00000140072	antisense	chr12	22609228	22625015	-	0	0
ENSG00000140073	sense_intronic	chr12	1.28E+08	1.28E+08	+	0	0
ENSG00000140074	sense_intronic	chr12	9658567	9662085	+	0.55	0.5
ENSG00000140075	unprocessed	chr12	1.28E+08	1.28E+08	+	0	0
ENSG00000140076	processed	chr12	27496937	27498589	+	0	0
ENSG00000140077	antisense	chr11	73307235	73309361	-	1.2	0.59
ENSG00000140078	antisense	chr12	27958517	27969813	+	0	0
ENSG00000140079	processed	chr11	18665050	18665548	+	0	0
ENSG00000140080	antisense	chr2	1.99E+08	1.99E+08	+	0	0
ENSG00000140081	protein_coding	chr12	20815674	21090245	+	0	0
ENSG00000140082	lincRNA	chr12	3367833	3371346	+	0	0
ENSG00000140083	antisense	chr11	60906789	60909742	+	0.31	0.35
ENSG00000140084	processed	chr12	1.21E+08	1.21E+08	+	0	0
ENSG00000140085	lincRNA	chr14	28783491	28785787	-	0	0
ENSG00000140086	protein_coding	chr11	94512432	94532123	+	0	0
ENSG00000140087	antisense	chr11	62545999	62547699	+	0	0.24
ENSG00000140088	lincRNA	chr15	93312557	93569483	+	0	0
ENSG00000140089	protein_coding	chr12	21047179	21176895	+	0	0
ENSG00000140090	protein_coding	chr6	1.44E+08	1.44E+08	+	0	0
ENSG00000140091	lincRNA	chr11	1.16E+08	1.16E+08	+	0	0
ENSG00000140092	processed	chr11	64291722	64304769	+	0	0

ENSG0000(RP11-667M)	processed	chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(RPL29P33)	processed	chr19	34296277	34296592	-	0	0.73
ENSG0000(RPEP6)	processed	chr11	72131282	72131907	+	0	0
ENSG0000(RP3-461F1)	processed	chr12	7041156	7041641	-	0	0
ENSG0000(RP11-123C)	lincRNA	chr12	67035508	67096406	-	0	0
ENSG0000(U47924.27)	lincRNA	chr12	6963246	6964447	+	0	0
ENSG0000(RP11-783K)	lincRNA	chr11	64246939	64249494	-	2.29	2.68
ENSG0000(RP11-1361)	processed	chr11	1.16E+08	1.16E+08	-	0	0
ENSG0000(KIAA1147)	protein_co	chr7	1.42E+08	1.42E+08	-	3.89	3.52
ENSG0000(RP11-5011)	processed	chr12	32007127	32007435	+	0	0
ENSG0000(RP11-364C)	antisense	chr12	1.19E+08	1.19E+08	-	0	0
ENSG0000(AE000658)	antisense	chr14	21521083	21522660	+	0	0
ENSG0000(CLIP1-AS1)	lincRNA	chr12	1.22E+08	1.22E+08	+	0	0
ENSG0000(LRRC37A1)	processed	chr11	1.14E+08	1.14E+08	+	0	0
ENSG0000(LSM14A)	protein_co	chr19	34172504	34229515	+	50.76	52.66
ENSG0000(RP11-259C)	antisense	chr12	8987175	8996566	-	0	0
ENSG0000(NHLRC4)	protein_co	chr16	566996	569495	+	2	1.91
ENSG0000(OR4F28P)	unprocess	chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-274M)	processed	chr12	74274952	74275231	+	0	0
ENSG0000(RP11-2511)	lincRNA	chr12	42692216	42717119	+	0	0.07
ENSG0000(OR11H12)	protein_co	chr14	18601045	18602129	+	0	0
ENSG0000(EEF1B2P4)	processed	chr12	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTD-2503)	antisense	chr14	29652809	29657916	+	0	0
ENSG0000(RP11-129B)	processed	chr12	95100531	95101045	+	0	0
ENSG0000(RRN3P3)	transcribec	chr16	22418672	22437715	-	1.41	1.72
ENSG0000(RP11-384P)	lincRNA	chr12	83661009	83661719	-	0	0
ENSG0000(KRT127P)	unprocess	chr12	52751978	52753821	-	0	0
ENSG0000(FOXP1-AS1)	antisense	chr14	28729083	28765277	-	0	0
ENSG0000(LLU1)	protein_co	chr12	92421531	92431002	+	0	0
ENSG0000(RP11-2A1)	processed	chr12	41911256	41912212	+	0	0
ENSG0000(RP11-554D)	transcribec	chr12	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-320M)	lincRNA	chr2	10448694	10451327	+	0.26	0.2
ENSG0000(C12orf80)	lincRNA	chr12	52205556	52213583	-	0	0
ENSG0000(TAS2R38)	protein_co	chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-320P)	lincRNA	chr12	70180338	70202004	+	5.26	5.11
ENSG0000(RP11-554D)	lincRNA	chr12	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-536C)	unprocess	chr14	19700479	19700650	-	0	0
ENSG0000(RP11-813P)	processed	chr12	59719698	59719944	-	0	0
ENSG0000(PGAM1P5)	transcribec	chr12	95551582	95673999	+	0	0
ENSG0000(PWAR6)	lincRNA	chr15	25031873	25036490	+	0.39	0.59
ENSG0000(CTD-2213F)	antisense	chr14	31558507	31561334	-	0	0
ENSG0000(RP11-13A1)	lincRNA	chr12	89048187	89309553	-	0	0
ENSG0000(RP11-528N)	processed	chr12	97679879	97680047	-	0	0
ENSG0000(RP11-58A1)	processed	chr12	57967058	57968399	+	0	0
ENSG0000(MED15P6)	transcribec	chr14	19485336	19489148	+	0	0

ENSG00000125115	lincRNA	chr12	42646583	42686701	+	0	0
ENSG00000117116	lincRNA	chr12	78448995	78540675	-	0	0
ENSG00000108126	antisense	chr12	98512973	98516422	-	0.2	0.12
ENSG00000111771	processed	chr12	96386818	96387194	-	0	0
ENSG00000117541	transcribed	chr14	18395626	18412264	-	0	0
ENSG00000104622	processed	chr12	38078529	38078999	-	0	0
ENSG00000105363	processed	chr14	18634955	18637208	-	0	0
ENSG00000109967	antisense	chr12	29280418	29317848	-	0.23	0.28
ENSG00000103578	sense_intron	chr17	48579630	48582259	-	0.02	0
ENSG00000108266	processed	chr14	25267064	25267336	-	0	0
ENSG00000105098	sense_intron	chr16	6056975	6092954	+	0	0
ENSG00000106110	antisense	chr12	68841288	68843237	-	0.08	0
ENSG00000102744	lincRNA	chr12	74248637	74283669	-	0.14	0
ENSG00000108010	HOXA10-Hi protein	chr7	27163535	27180013	-	0	0
ENSG00000106267	lincRNA	chr14	26809417	26836458	+	0	0.14
ENSG00000103909	antisense	chr12	78960258	79045644	-	0	0
ENSG00000108188	lincRNA	chr12	1.04E+08	1.04E+08	+	0	0
ENSG00000105670	lincRNA	chr12	90107739	90112779	+	0	0
ENSG00000108911	processed	chr12	92883773	92884700	+	0	0
ENSG00000102050	transcribed	chr9	34832295	34838586	-	0	0
ENSG00000106690	processed	chr12	76984079	76984669	-	0	0
ENSG00000105129	antisense	chr12	1.02E+08	1.02E+08	-	0	0
ENSG00000108938	protein	chr2	1.1E+08	1.1E+08	-	0.38	0.32
ENSG00000108010	processed	chr12	93124063	93124543	-	0	0.17
ENSG00000102050	protein	chr12	1.2E+08	1.2E+08	+	9.4	7.29
ENSG00000105499	lincRNA	chr12	76259839	76305131	+	1.49	0.27
ENSG00000108213	processed	chr12	78130337	78131004	-	0	0
ENSG00000106890	antisense	chr12	1.09E+08	1.09E+08	+	0	0
ENSG00000105548	antisense	chr12	1.02E+08	1.02E+08	+	0	0
ENSG00000105363	transcribed	chr14	18702281	18702463	-	0	0
ENSG00000103280	antisense	chr12	42459366	42466128	+	0	0.09
ENSG00000102252	antisense	chr2	1.44E+08	1.44E+08	-	0	0
ENSG00000104130	antisense	chr12	41409467	41473510	-	0	0
ENSG00000102720	lincRNA	chr12	59523278	59524184	-	0	0
ENSG00000108114	processed	chr12	1.14E+08	1.14E+08	-	0	0
ENSG00000108480	lincRNA	chr12	63004338	63006541	-	0.14	0
ENSG00000105540	unprocessed	chr12	39058028	39059933	-	0	0
ENSG00000106300	lincRNA	chr12	41829898	41932592	-	0	0
ENSG00000106110	antisense	chr12	69946543	69947081	-	0	0
ENSG00000108010	processed	chr12	91984976	92142914	-	0	0.03
ENSG00000108330	processed	chr12	49595148	49595688	+	0	0.15
ENSG00000108911	processed	chr12	51124628	51125381	-	0	0
ENSG00000104860	antisense	chr12	93317135	93377736	-	0.56	2.6
ENSG00000107010	lincRNA	chr12	49861207	49865802	+	0	0
ENSG00000102100	processed	chr12	1.03E+08	1.03E+08	-	0	0

ENSG00000180500	RP3-405J1	antisense	chr12	50219604	50229984	+	0	0
ENSG00000180500	RP11-946L	lincRNA	chr12	29143196	29148675	-	0	0
ENSG00000180500	RP11-767I	lincRNA	chr12	58565960	58781747	-	0	0
ENSG00000180500	RP11-96H1	lincRNA	chr12	46383679	46876159	+	3.11	0.89
ENSG00000180500	RP11-776A	lincRNA	chr12	30200983	30217916	+	0	0
ENSG00000180500	MIR3179-1	lincRNA	chr16	14901499	14902174	+	0.58	0.2
ENSG00000180500	CTD-2021H	lincRNA	chr12	71007773	71032083	-	0	0
ENSG00000180500	ZNF271P	transcribed	chr18	35290282	35328390	+	12.57	11.07
ENSG00000180500	RP1-74B13	lincRNA	chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000180500	RP11-521B	antisense	chr14	1.05E+08	1.05E+08	-	0	0
ENSG00000180500	KIRREL3-AS	antisense	chr11	1.27E+08	1.27E+08	+	0	0
ENSG00000180500	RP11-317N	lincRNA	chr14	35873857	35875303	+	0	0
ENSG00000180500	RP11-164H	antisense	chr14	95711747	95757656	+	0	0
ENSG00000180500	RP11-434H	antisense	chr2	1.44E+08	1.44E+08	-	0	0
ENSG00000180500	RP11-231I	antisense	chr12	1.17E+08	1.17E+08	-	0.01	0.13
ENSG00000180500	RP11-1K3.1	processed	chr12	1.08E+08	1.08E+08	-	0	0
ENSG00000180500	RP11-1060	antisense	chr12	93894965	93943603	-	0.13	0
ENSG00000180500	RP11-190J	antisense	chr2	1.43E+08	1.43E+08	-	0	0
ENSG00000180500	RP11-298I	antisense	chr14	22929609	22955562	+	0.26	0.27
ENSG00000180500	RP11-545P	antisense	chr12	1.13E+08	1.13E+08	-	0	0
ENSG00000180500	RP11-98E6	processed	chr12	72431722	72432075	-	0	0
ENSG00000180500	RP11-557F	processed	chr12	59052980	59054184	-	0	0
ENSG00000180500	RP11-611C	processed	chr12	68913804	68914022	+	0	0
ENSG00000180500	FAM166AP	unprocessed	chr12	38205098	38206009	-	0	0
ENSG00000180500	RP11-316A	lincRNA	chr12	60092864	60096071	+	0.2	0.34
ENSG00000180500	RP11-701B	processed	chr12	84671598	84672026	+	0	0
ENSG00000180500	RP3-405J1	sense_intr	chr12	50185580	50191363	-	0.18	0.15
ENSG00000180500	HAUS8P1	processed	chr12	1.14E+08	1.14E+08	+	0	0
ENSG00000180500	FAHD2P1	processed	chr12	70671918	70672856	+	0	0
ENSG00000180500	RP11-977G	antisense	chr12	56300142	56314808	+	0.64	1.6
ENSG00000180500	RP11-317N	processed	chr14	35881001	35881709	+	0	0
ENSG00000180500	RP11-471N	processed	chr12	61231159	61232937	-	0	0
ENSG00000180500	RP11-496I	lincRNA	chr14	19244962	19247673	+	0	0
ENSG00000180500	ZBED6	protein_co	chr1	2.04E+08	2.04E+08	+	6.02	5.25
ENSG00000180500	RP11-267D	processed	chr12	32985838	32987070	+	0	0
ENSG00000180500	RP11-478B	antisense	chr12	45050901	45103107	+	0	0
ENSG00000180500	RP11-511B	antisense	chr12	93003415	93215679	-	0	0.2
ENSG00000180500	RP11-361A	processed	chr12	74656561	74656860	+	0	0
ENSG00000180500	RP11-263E	antisense	chr12	1.01E+08	1.01E+08	-	0	0
ENSG00000180500	RP11-650K	lincRNA	chr12	1.04E+08	1.04E+08	+	0	0
ENSG00000180500	RP11-290L	lincRNA	chr12	75964440	75967062	+	0	0
ENSG00000180500	RACGAP1P	processed	chr12	45063473	45065351	-	0	0
ENSG00000180500	HNRNPA1P	processed	chr12	63271404	63272336	+	0	0
ENSG00000180500	MGAM	protein_co	chr7	1.42E+08	1.42E+08	+	0.02	0.01
ENSG00000180500	PRELID2P1	processed	chr12	68957377	68957677	-	0	0

ENSG0000(RP11-983P antisense chr12	53014596	53054438	-	2.57	2.41
ENSG0000(AL928654.1 protein_co chr14	1.05E+08	1.05E+08	+	0.87	0.42
ENSG0000(RP11-571N antisense chr12	57694132	57721510	-	0.09	0
ENSG0000(RP11-641A unprocessed chr12	52746596	52748308	-	0	0
ENSG0000(RP11-511B lincRNA chr12	92999218	93019820	+	0	0.1
ENSG0000(RP11-386G antisense chr12	49090208	49093312	+	0	0.47
ENSG0000(RP11-616L processed_ chr12	55122668	55124120	-	0	0
ENSG0000(RP11-631N lincRNA chr12	62602752	62622213	+	3.22	3.05
ENSG0000(CTD-2006C protein_co chr19	12017888	12052967	-	0	0
ENSG0000(BNIP3P6 processed_ chr14	18418775	18419273	+	0	0
ENSG0000(RP11-780K antisense chr12	1.14E+08	1.14E+08	+	0.25	0
ENSG0000(RP11-74K1 processed_ chr12	94140077	94141337	+	0	0
ENSG0000(VENTXP3 processed_ chr12	74292324	74293096	+	0	0
ENSG0000(FNTB protein_co chr14	64986720	65062652	+	10.55	8.4
ENSG0000(MIR3180-2 lincRNA chr16	16308542	16310000	-	0.03	0
ENSG0000(RP11-438E processed_ chr12	45444766	45445438	+	0	0
ENSG0000(RP11-547C lincRNA chr12	42979254	42996486	-	0.13	0.43
ENSG0000(RP11-328C processed_ chr12	42431665	42433357	-	0	0
ENSG0000(RP11-469H antisense chr12	49954639	49956125	-	0	0
ENSG0000(RP11-793H processed_ chr12	53441741	53467528	+	6.23	2.41
ENSG0000(MIR3179-2 miRNA chr16	16300159	16300242	+	0	0
ENSG0000(RP11-644F processed_ chr12	55732366	55732648	-	0	0
ENSG0000(RP11-56G1 antisense chr12	74538145	74538633	-	0	0
ENSG0000(RP11-153F processed_ chr12	52837403	52837739	+	0	0
ENSG0000(RP11-762I protein_co chr12	55757275	55827546	-	0	0.21
ENSG0000(MIR3180-4 lincRNA chr16	15154903	15157020	+	0.13	0
ENSG0000(RP11-554D unprocessed chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-597A lincRNA chr14	19681420	19684739	+	0	0
ENSG0000(RP11-554D lincRNA chr12	1.08E+08	1.08E+08	-	0	0.1
ENSG0000(RP11-778J lincRNA chr12	94491546	94496442	-	0	0
ENSG0000(KRT126P unprocessed chr12	52715567	52721655	-	0	0
ENSG0000(CTD-2547E unprocessed chr16	21347139	21352138	+	0.51	0
ENSG0000(RP11-153F processed_ chr12	52782650	52782839	+	0	0
ENSG0000(RP11-609L processed_ chr12	42636815	42637111	-	0	0
ENSG0000(RP11-1028 lincRNA chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-645C transcribed chr16	21938865	21944987	+	0	0
ENSG0000(RP11-2H8.1 lincRNA chr12	71793855	71799627	-	0	0
ENSG0000(RP11-603J protein_co chr12	56101331	56109289	+	1.09	5.86
ENSG0000(OR6C73P unprocessed chr12	55396340	55396697	+	0	0
ENSG0000(RP11-626I processed_ chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-554D unprocessed chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-272K antisense chr12	80583683	80593701	-	0	0
ENSG0000(RP11-263K lincRNA chr12	82512677	82515817	+	0	0
ENSG0000(RP11-244H processed_ chr14	19629006	19630340	+	0	0
ENSG0000(RP1-197B1 antisense chr12	47706085	47742294	+	1.81	2.72

ENSG0000(RP11-81K1 antisense)	chr12	75020969	75044793	+	0	0
ENSG0000(RP11-267D lincRNA)	chr12	32988763	32993754	+	0	0
ENSG0000(RP11-114F antisense)	chr12	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-150C antisense)	chr12	58920639	59064238	+	0	0
ENSG0000(SETP7 processed_)	chr12	1.07E+08	1.07E+08	+	0	0
ENSG0000(ZNF878 protein_co)	chr19	12043805	12052939	-	0	0
ENSG0000(RP11-603J antisense)	chr12	56029649	56041806	-	0	0
ENSG0000(RP1-71H24 antisense)	chr12	1.13E+08	1.13E+08	-	0.13	0
ENSG0000(RP11-290L antisense)	chr12	76030494	76031378	+	0.37	0.27
ENSG0000(CTD-2021H lincRNA)	chr12	71034122	71104526	-	0	0
ENSG0000(RP11-310I antisense)	chr12	29519731	29529974	+	0	0
ENSG0000(RP11-473C antisense)	chr12	98931682	98976656	+	0	0
ENSG0000(RP11-161H processed_)	chr12	49442424	49442652	-	0	0
ENSG0000(ELOCP32 processed_)	chr12	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-121G lincRNA)	chr12	81270675	81312422	+	0	0
ENSG0000(RP11-397H lincRNA)	chr12	97024021	97051129	+	0	0
ENSG0000(RP11-159D lincRNA)	chr14	31925801	31930146	-	0	0
ENSG0000(RP11-359M lincRNA)	chr12	79540203	79550535	+	0	0
ENSG0000(RP11-983P sense_intr)	chr12	53012104	53013921	+	0.41	0.61
ENSG0000(RP11-139B lincRNA)	chr12	1.14E+08	1.14E+08	-	0	0
ENSG0000(LINC01154 lincRNA)	chr12	54428303	54429403	+	0	0
ENSG0000(MRPL2P1 processed_)	chr12	89752913	89753831	+	0	0
ENSG0000(RP5-1057I lincRNA)	chr12	47826854	47837898	+	0	0
ENSG0000(RP11-175P transcribec)	chr12	1E+08	1E+08	-	0.71	0.38
ENSG0000(RP11-536C unprocessε)	chr14	19664098	19683677	-	0	0
ENSG0000(RP3-521E1 antisense)	chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(KRT73-AS1 antisense)	chr12	52601467	52615305	+	0.01	0
ENSG0000(RP11-474P lincRNA)	chr12	46384233	46386991	-	0	0
ENSG0000(RP11-585P antisense)	chr12	75483454	75489820	-	0.19	0.3
ENSG0000(RP11-1020 antisense)	chr12	52407580	52428494	+	0	0
ENSG0000(RP11-1016 transcribec)	chr12	97713412	97761859	-	0	0
ENSG0000(CYB5AP5 processed_)	chr14	26208036	26208424	+	0	0
ENSG0000(RP11-536C lincRNA)	chr14	18630318	18633634	-	0	0
ENSG0000(RP11-231C unprocessε)	chr16	29478879	29482591	+	0	0
ENSG0000(RP11-956E lincRNA)	chr12	69449470	69460724	+	0	0
ENSG0000(RP11-762I sense_intr)	chr12	55761550	55762628	-	0	0
ENSG0000(RP11-609L lincRNA)	chr12	42615503	42646498	-	0	0
ENSG0000(RP11-278C processed_)	chr12	32726383	32727387	-	0.61	0.27
ENSG0000(RP11-486A transcribec)	chr12	93314809	93315941	+	0.09	0
ENSG0000(NPIPB1P transcribec)	chr18	11619509	11639699	-	0	0
ENSG0000(RP11-755C antisense)	chr12	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-498M lincRNA)	chr12	71709171	71710374	-	0	0.13
ENSG0000(RP4-601P9 lincRNA)	chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-116D lincRNA)	chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(SFTA3 processed_)	chr14	36473207	36519521	-	0	0

ENSG0000(RP11-562L) processed_ chr14	29264381	29381295	-	0	0
ENSG0000(CTD-2384A) lincRNA chr14	28975836	28978924	-	0	0
ENSG0000(RP11-203J) processed_ chr9	1.28E+08	1.28E+08	-	4.51	12.46
ENSG0000(RP11-20E2) lincRNA chr12	76562294	76615567	+	0	0.25
ENSG0000(MIR3179-3) lincRNA chr16	18411309	18411851	-	1.62	1.49
ENSG0000(KRT8P19) processed_ chr12	61879318	61880772	+	0	0
ENSG0000(RPL36A-HN) protein_co chrX	1.01E+08	1.01E+08	+	1.43	2.3
ENSG0000(RP11-843B) antisense chr12	32104117	32107528	-	0	0
ENSG0000(RP3-405J1) transcribed chr12	50217662	50218343	-	0	0
ENSG0000(RP11-834C) lincRNA chr12	54162065	54164452	-	0	0
ENSG0000(HSPA8P14) processed_ chr12	1.11E+08	1.11E+08	+	0.03	0.03
ENSG0000(RP11-58A1) lincRNA chr12	58087892	58093362	+	0	0
ENSG0000(OR7E47P) transcribed chr12	52079696	52108261	+	0	0
ENSG0000(RP11-321F) lincRNA chr12	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-144F) antisense chr12	1.06E+08	1.07E+08	-	0	0
ENSG0000(RP11-797N) antisense chr12	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-793H) antisense chr12	53513984	53517608	+	0	0
ENSG0000(HLX-AS1) antisense chr1	2.21E+08	2.21E+08	-	0.25	0.7
ENSG0000(RP11-603J) antisense chr12	56104614	56113905	-	0.37	0
ENSG0000(RP11-44N2) lincRNA chr14	1.05E+08	1.05E+08	+	2.15	1.06
ENSG0000(RP11-84G2) antisense chr12	79934901	79942712	+	0.17	0.07
ENSG0000(RP11-536C) processed_ chr14	18667249	18667370	+	0	0
ENSG0000(MIR3180-3) lincRNA chr16	18402146	18403604	+	0.03	0
ENSG0000(RP11-123N) processed_ chr12	78793526	78794114	-	0	0
ENSG0000(RP11-863H) antisense chr12	62482349	62484932	-	0	0
ENSG0000(GSTP1P1) processed_ chr12	55900300	55900618	+	0	0
ENSG0000(RP11-133N) processed_ chr12	49709237	49709336	+	0	0
ENSG0000(RP11-478B) processed_ chr12	45071769	45072843	+	0	0
ENSG0000(HSPD1P4) processed_ chr12	56511002	56512703	+	0	0
ENSG0000(RP11-128P) antisense chr12	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-718L) processed_ chr12	98317741	98318349	+	0	0
ENSG0000(LINC01475) lincRNA chr10	99526350	99531177	-	0	0
ENSG0000(LINC00609) lincRNA chr14	36070427	36165288	+	0	0
ENSG0000(RP11-554L) unprocessed_ chr12	38994803	38996882	-	0	0
ENSG0000(RP11-711C) lincRNA chr12	73906940	73919337	+	0	0
ENSG0000(RP11-469H) antisense chr12	49951512	49962924	-	0	0
ENSG0000(ZNF625) protein_co chr19	12142090	12156729	-	0.33	0.44
ENSG0000(GALNT4) protein_co chr12	89519408	89524806	-	1.89	1.81
ENSG0000(RP3-473L9) lincRNA chr12	1.11E+08	1.11E+08	+	0.33	0.36
ENSG0000(RP11-968A) antisense chr12	54262615	54279063	+	0	0
ENSG0000(OVCH1-AS) antisense chr12	29389294	29487488	+	0.13	0.11
ENSG0000(RP11-100F) lincRNA chr12	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-359N) processed_ chr12	79500119	79500687	-	0	0
ENSG0000(RP11-680A) antisense chr12	53298655	53300314	-	1.99	3.12
ENSG0000(RP11-449P) antisense chr7	1055360	1059261	-	0.04	0.04

ENSG0000(RP11-275C processed_ chr12	81868368	81869046	+	0	0
ENSG0000(RP11-185N processed_ chr12	1.06E+08	1.06E+08	+	0	0
ENSG0000(MIR4307H lincRNA chr14	26873133	26914743	+	0	0
ENSG0000(LINC01481 lincRNA chr12	70219132	70221862	-	0	0
ENSG0000(RP11-116N lincRNA chr14	35947556	35950044	-	0	0
ENSG0000(RP11-641A processed_ chr12	52730425	52732865	+	0	0
ENSG0000(PSMA3-AS: antisense chr14	58265365	58298134	-	10.51	11.74
ENSG0000(RP11-44N2 processed_ chr14	1.05E+08	1.05E+08	-	0.2	0
ENSG0000(RP1-128M: processed_ chr12	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-13A1 processed_ chr12	89027757	89028522	+	0	0
ENSG0000(RP11-850F lincRNA chr12	54682973	54687434	+	0	0
ENSG0000(RP11-536C transcribed chr14	18698639	18699978	-	0	0
ENSG0000(RP11-1103 antisense chr14	30437992	30573629	-	0	0
ENSG0000(CTB-31N19 unprocessed chr16	21532945	21550373	-	0.12	0
ENSG0000(RP11-570L: antisense chr2	1.43E+08	1.44E+08	-	0	0
ENSG0000(KCCAT198 antisense chr12	1.05E+08	1.05E+08	-	0.79	0.43
ENSG0000(RP11-278C processed_ chr12	32692504	32692848	-	0	0
ENSG0000(RP11-536C unprocessed chr14	18631388	18650966	+	0	0
ENSG0000(RP11-804F processed_ chr12	38532895	38533050	-	0	0
ENSG0000(RP11-701H lincRNA chr15	25027736	25032047	-	0	0
ENSG0000(CYCSP30 processed_ chr12	87750142	87750313	+	0	0
ENSG0000(METTL7AP processed_ chr12	52229093	52229588	-	0	0
ENSG0000(RP11-579D antisense chr12	48766194	48767323	+	0	0
ENSG0000(RP11-497G lincRNA chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-352N lincRNA chr12	45481871	45610620	-	0	0
ENSG0000(RP3-521E1 processed_ chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-579D lincRNA chr12	48789147	48790535	+	0	0
ENSG0000(EIF4A1P12 processed_ chr14	28593779	28593919	+	0	0
ENSG0000(RP11-1100 antisense chr12	52076841	52082084	-	0.1	0.23
ENSG0000(RSL24D1P5 processed_ chr12	63055275	63055765	-	0	0
ENSG0000(CBX3P5 processed_ chr12	95286318	95286838	-	0	0
ENSG0000(RP11-58A1 processed_ chr12	57983795	57984761	-	0	0
ENSG0000(KRT7-AS antisense chr12	52245048	52247448	-	0	0
ENSG0000(RP11-536C processed_ chr14	18614388	18614561	+	0	0
ENSG0000(RP11-76E1 processed_ chr12	42286911	42288560	+	0	0.04
ENSG0000(BTBD10P1 processed_ chr12	52748776	52750127	+	0	0
ENSG0000(RP1-81P11 lincRNA chr12	77219603	77228693	-	0	0
ENSG0000(RP11-367C processed_ chr12	40728811	40729897	+	0	0
ENSG0000(RP11-341G antisense chr12	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-314D lincRNA chr12	73203815	73206835	-	0	0
ENSG0000(RP11-110L: lincRNA chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-609L: processed_ chr12	42627008	42627137	-	0	0
ENSG0000(RP11-345J: processed_ chr16	29475064	29475355	+	0	0
ENSG0000(RP11-175P antisense chr12	1E+08	1E+08	+	0.2	0
ENSG0000(RP11-620J: lincRNA chr12	57931528	57936175	-	8.33	8.5

ENSG0000(RP11-641A antisense chr12	52692605	52696788	+	0	0
ENSG0000(LBX2-AS1 antisense chr2	74502595	74504678	+	6.23	6.69
ENSG0000(RP11-328J lincRNA chr12	1.03E+08	1.03E+08	-	0	0
ENSG0000(INAFM1 protein_co chr19	47274453	47275707	+	8.51	10.19
ENSG0000(RP11-482D antisense chr12	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-256L antisense chr12	96025323	96027971	+	0	0
ENSG0000(RP11-396F antisense chr12	38906451	38909592	+	0.56	0.46
ENSG0000(ILF2P2 processed_ chr14	36054197	36055313	-	0	0
ENSG0000(RP11-536C processed_ chr14	18560047	18560191	+	0	0
ENSG0000(CHCHD3P2 processed_ chr12	72610678	72611316	+	0	0
ENSG0000(RP11-654D lincRNA chr12	89947693	89949726	+	0	0
ENSG0000(RP11-116D lincRNA chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(CNPY2 protein_co chr12	56309842	56316336	-	81.73	72.45
ENSG0000(RP11-788H lincRNA chr12	84271340	84294562	+	0	0
ENSG0000(LSM6P2 processed_ chr12	49770960	49771136	+	0	0
ENSG0000(RP11-536C processed_ chr14	18645044	18646221	-	0	0
ENSG0000(RP11-818F antisense chr12	1.04E+08	1.04E+08	-	2.74	1.77
ENSG0000(RP11-370I antisense chr12	48350945	48442411	+	0.25	0
ENSG0000(RP11-341G antisense chr12	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-139E processed_ chr12	45200817	45201551	+	0	0
ENSG0000(RP11-977G antisense chr12	56308868	56309449	+	0	0.44
ENSG0000(LINC01490 lincRNA chr12	80763154	80770717	+	0	0
ENSG0000(MGAM2 protein_co chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-202G lincRNA chr12	93090522	93107600	+	0	0.09
ENSG0000(RP11-362A lincRNA chr12	81953719	81993133	+	0	0
ENSG0000(RP11-966I lincRNA chr14	28800084	28830204	-	0	0
ENSG0000(RP11-295G lincRNA chr12	73760689	73798727	+	0	0
ENSG0000(RP11-536C processed_ chr14	19668542	19669056	-	0	0
ENSG0000(RP11-474L processed_ chr12	88057876	88058578	-	0	0.1
ENSG0000(RP11-650K antisense chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-776A lincRNA chr12	30230779	30296707	-	0	0
ENSG0000(OR6C7P unprocessε chr12	55342841	55343774	+	0	0
ENSG0000(KRT18P20 processed_ chr12	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-486C lincRNA chr14	70425812	70547464	-	0	0.19
ENSG0000(RP11-186F antisense chr12	71582293	71583852	-	0.42	0
ENSG0000(RP11-626I lincRNA chr12	1.04E+08	1.04E+08	+	0	0
ENSG0000(OR5BK1P unprocessε chr12	48355792	48356614	-	0	0
ENSG0000(RP11-1143 antisense chr12	69353493	69354225	-	0.13	0.21
ENSG0000(RP11-341G antisense chr12	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-162P protein_co chr12	1.12E+08	1.12E+08	+	12.48	21.95
ENSG0000(CTB-193M antisense chr16	15608474	15610563	+	0	0
ENSG0000(RP11-70F1 lincRNA chr12	49911953	49930320	+	0.56	0.68
ENSG0000(ST13P3 processed_ chr12	1.06E+08	1.06E+08	+	0	0.06
ENSG0000(RP11-25J3 processed_ chr12	75600047	75601551	+	0	0
ENSG0000(RP11-848D processed_ chr12	63002469	63002795	+	0	0

ENSG0000(GLYCAM1 transcribed chr12	54608187	54610462	-	0	0
ENSG0000(RP11-110L lincRNA chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-630C lincRNA chr12	41764189	41765581	+	0	0
ENSG0000(AKIRIN1P1 processed_ chr12	80561017	80561560	-	0	0
ENSG0000(RP11-20L1 lincRNA chr12	90809276	90810680	+	0	0
ENSG0000(EIF4A1P4 processed_ chr12	53153272	53154484	+	0	0.05
ENSG0000(OR5BJ1P unprocessed_ chr12	48394510	48395392	-	0	0
ENSG0000(CTD-2382E antisense chr15	42006132	42010117	+	0	0
ENSG0000(FNBP1P1 processed_ chr2	74120680	74123218	+	0.39	0.37
ENSG0000(RP11-2H8.4 processed_ chr12	71849228	71850428	-	0	0
ENSG0000(RP11-575G processed_ chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP1-90J4.3 processed_ chr12	47484689	47485722	+	0	0
ENSG0000(RP11-1136 lincRNA chr12	53159586	53161000	+	0	0
ENSG0000(RP11-603J antisense chr12	56150796	56158220	-	0	0
ENSG0000(RP11-73B8 processed_ chr12	43569769	43572038	-	0	0
ENSG0000(LINC01481 antisense chr12	69904033	70243360	-	3.08	3.1
ENSG0000(RP4-601P9 lincRNA chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(C1GALT1P1 processed_ chr12	69284397	69285485	+	0	0.12
ENSG0000(MRPS6P4 processed_ chr12	89319364	89319649	+	0	0
ENSG0000(RP11-560G processed_ chr12	75305452	75306357	+	0	0
ENSG0000(RP11-1049 antisense chr12	54543111	54544105	-	0	0
ENSG0000(RP11-536C transcribed chr14	18588274	18588315	-	0	0
ENSG0000(RP11-116N lincRNA chr14	36061026	36067190	-	0	0
ENSG0000(RP11-845N antisense chr12	52306616	52308371	-	0	0
ENSG0000(RP11-845N antisense chr12	52274647	52279156	-	0	0
ENSG0000(RP11-596D antisense chr14	31248628	31302739	+	0.06	0.07
ENSG0000(RP1-97G4.1 lincRNA chr12	77379820	77390864	+	0	0
ENSG0000(RP11-263K lincRNA chr12	82505211	82506188	-	0	0
ENSG0000(RP11-368J transcribed chr16	22545698	22576865	+	0.06	0.04
ENSG0000(RP11-290L antisense chr12	76032658	76033897	+	0.08	0.09
ENSG0000(NOVA1-AS antisense chr14	26598412	26806467	+	0	0
ENSG0000(KRT90P unprocessed_ chr12	52413960	52421876	-	0	0
ENSG0000(RP11-626P lincRNA chr14	26775495	26822107	-	0	0
ENSG0000(RP11-597A processed_ chr14	19668829	19670003	+	0	0
ENSG0000(LSM3P2 processed_ chr12	94590821	94591093	+	0	0
ENSG0000(RP11-474C processed_ chr12	48171590	48173353	+	0	0
ENSG0000(RP11-547C lincRNA chr12	42966122	42967353	+	0	0
ENSG0000(HNRNPA3P processed_ chr12	51712469	51713606	-	0	0
ENSG0000(RP11-843B processed_ chr12	32072734	32072880	+	0	0
ENSG0000(MED15P1 transcribed chr14	18912805	18916642	-	0	0
ENSG0000(RP11-629C processed_ chr12	85567878	85568239	+	0	0
ENSG0000(MTND1P2 unprocessed_ chr12	41699391	41700251	-	0	0
ENSG0000(CASC18 lincRNA chr12	1.06E+08	1.06E+08	+	0	0
ENSG0000(RP11-552I lincRNA chr12	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-587P lincRNA chr12	91901458	91906187	+	0	0

ENSG0000(RP11-461L processed_ chr12	44248432	44249004	-	0	0
ENSG0000(RP11-154D processed_ chr12	60418983	60419293	+	0	0
ENSG0000(CTD-2591A lincRNA chr14	28318141	28418612	+	0	0
ENSG0000(RP11-616L lincRNA chr12	55009746	55014247	+	0	0
ENSG0000(RP11-453D processed_ chr12	76137425	76138610	+	0	0
ENSG0000(RP11-263K processed_ chr12	82468456	82468948	+	0	0.17
ENSG0000(RP11-256L antisense chr12	95996521	96011489	+	0	0
ENSG0000(RP11-90C1 lincRNA chr12	78426826	78442952	-	0	0
ENSG0000(RP11-769N sense_intr chr12	62139999	62145643	-	0	0
ENSG0000(RP11-497G lincRNA chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-597A transcribec chr14	19677837	19680104	+	0	0
ENSG0000(PHBP18 processed_ chr12	48168847	48169659	-	0	0
ENSG0000(RP11-114F lincRNA chr12	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTD-2311B lincRNA chr14	18920109	18934078	+	0	0
ENSG0000(RP11-587P lincRNA chr12	91877391	91880655	+	0	0
ENSG0000(RP1-78O14 lincRNA chr12	79341205	79503396	-	1.75	1.81
ENSG0000(RP11-210N transcribec chr12	43736628	43741067	+	0	0
ENSG0000(RP11-812D processed_ chr12	86015697	86016441	+	0	0
ENSG0000(RP11-454K lincRNA chr14	45377268	45389286	+	3.05	2.94
ENSG0000(RP11-269C antisense chr14	29940745	29980212	+	0	0
ENSG0000(RP3-4321E processed_ chr12	47593208	47593440	+	0	0
ENSG0000(LINC02156 lincRNA chr12	47415008	47420179	+	0	0.17
ENSG0000(EEF1A1P17 processed_ chr12	43659827	43661101	+	0	0
ENSG0000(RP11-461F antisense chr12	76878193	76880352	+	0	0
ENSG0000(RP11-248E lincRNA chr12	87795733	87802028	+	0	0
ENSG0000(RP11-386G antisense chr12	48998367	49019235	+	1.05	0.6
ENSG0000(GLULP5 processed_ chr12	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-482D antisense chr12	1.07E+08	1.07E+08	-	0	0.09
ENSG0000(RP11-541G lincRNA chr12	97272692	97276209	-	0	0
ENSG0000(RP11-571N protein_co chr12	57773028	57787046	+	0.48	0
ENSG0000(CUX1 protein_co chr7	1.02E+08	1.02E+08	+	46.32	46.93
ENSG0000(RP11-493L lincRNA chr12	47353754	47369935	+	0	0
ENSG0000(RP11-493L antisense chr12	47237734	47279021	-	0	0
ENSG0000(MRPS36P5 processed_ chr12	43054089	43054386	-	0	0
ENSG0000(RP11-155I lincRNA chr12	30320834	30321617	+	0	0
ENSG0000(LHX5-AS1 antisense chr12	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-248E lincRNA chr12	87816486	87817831	+	0	0.18
ENSG0000(RP11-290L processed_ chr12	76057538	76058115	+	0.24	0.27
ENSG0000(RP11-167N transcribec chr12	95311312	95442482	-	0	0
ENSG0000(RP11-461L antisense chr12	44244394	44263982	-	0	0
ENSG0000(RP11-123M lincRNA chr12	78804348	78808499	+	0	0
ENSG0000(TEN1 protein_co chr17	75979220	76000586	+	11.97	13.19
ENSG0000(P2RX5-TAX protein_co chr17	3663063	3696194	-	0.28	0.21
ENSG0000(RP11-554D unprocess chr12	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-620J antisense chr12	57837092	57842745	+	0	0

ENSG0000(RP11-161H processed_ chr12	49389516	49390162	+	0	0
ENSG0000(RP1-228P1 lincRNA chr12	48019771	48025382	-	0	0
ENSG0000(NOP56P3 processed_ chr12	79558782	79559166	+	0	0
ENSG0000(QRSL1P3 processed_ chr14	35765795	35767110	+	0	0
ENSG0000(RP11-25E2 lincRNA chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-536C antisense chr14	18555677	18596310	-	0	0
ENSG0000(RP11-219B antisense chr8	85246295	85249848	-	0	0
ENSG0000(RP11-133N antisense chr12	49576840	49577505	-	0.12	0
ENSG0000(OLA1P3 processed_ chr12	55870048	55872602	-	0.07	0.17
ENSG0000(RP11-388G processed_ chr14	25431193	25432234	-	0	0
ENSG0000(SNRPGP18 processed_ chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP1-228P1 antisense chr12	48011304	48025469	+	0	0
ENSG0000(RP11-314P lincRNA chr14	25835858	26143305	-	0	0
ENSG0000(LINC00935 protein_co chr12	48727435	48765786	+	0	0
ENSG0000(RP1-288H2 lincRNA chr12	52092485	52104297	-	0	0
ENSG0000(RP11-2H8. processed_ chr12	71835034	71835396	-	0	0
ENSG0000(RP11-626I2 unprocessε chr12	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-632B lincRNA chr12	90617759	90622822	-	0	0
ENSG0000(RP11-100F lincRNA chr12	1.14E+08	1.14E+08	+	0	0
ENSG0000(RP11-361A processed_ chr12	74728038	74728851	-	0	0
ENSG0000(RP11-61E1 antisense chr12	1.05E+08	1.05E+08	-	0.11	0.12
ENSG0000(RP11-756H lincRNA chr12	57431116	57433935	+	0	0
ENSG0000(RP11-350G antisense chr12	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-210M antisense chr15	80433795	80445152	-	0	0
ENSG0000(HMGA1P3 processed_ chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-603K processed_ chr12	92858079	92859273	+	0	0
ENSG0000(RPL3P13 processed_ chr4	84544304	84544519	-	0	0
ENSG0000(HIGD1AP1 processed_ chr12	53142053	53142327	+	0	0
ENSG0000(RP11-386G antisense chr12	49127782	49147869	+	0.8	0.33
ENSG0000(RP11-148B lincRNA chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-1100 processed_ chr12	51900565	51901336	+	0	0
ENSG0000(OR5BT1P unprocessε chr12	48385417	48386265	-	0	0
ENSG0000(RP11-543H antisense chr12	81094375	81125845	-	0	0
ENSG0000(NF1P4 unprocessε chr14	19492281	19501740	+	0	0
ENSG0000(RP11-148E lincRNA chr14	28936889	29028763	+	0	0.1
ENSG0000(RP11-350G unprocessε chr12	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-493P antisense chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-74K1 antisense chr12	94168006	94186044	-	0	0
ENSG0000(KRT125P unprocessε chr12	52729517	52736142	-	0	0
ENSG0000(CTD-2384A lincRNA chr14	28830244	28968400	+	0	0.09
ENSG0000(RP11-406H antisense chr12	99093359	99105011	+	0	0
ENSG0000(RP11-530C antisense chr12	79823778	79825496	+	0	0
ENSG0000(Metazoa_S misc_RNA chr12	55731264	55731531	-	0	0
ENSG0000(RP11-530C lincRNA chr12	79690144	79778451	+	0	0
ENSG0000(RP11-698F lincRNA chr14	55196727	55199013	-	0.13	0

ENSG0000(RP11-474C processed_ chr12	48160245	48160878	-	0	0
ENSG0000(AC025263. protein_co chr12	69801669	69855363	+	0	0
ENSG0000(CTD-2021H lincRNA chr12	71047402	71118247	-	0.02	0
ENSG0000(RP11-644F antisense chr12	55729104	55730852	+	2.88	3.25
ENSG0000(BCDIN3D-A antisense chr12	49828542	49841143	+	0.19	1.06
ENSG0000(RP11-293I1 protein_co chr12	71674204	71698968	+	0.33	0
ENSG0000(RP11-30H9 processed_ chr14	28857384	28858701	-	0	0
ENSG0000(RP11-781A lincRNA chr12	77775783	77783576	+	0	0
ENSG0000(RP11-328C sense_intr chr12	42485353	42490019	-	0	0
ENSG0000(ARL2BPP2 processed_ chr12	52763405	52763893	+	0	0
ENSG0000(RP11-554D processed_ chr12	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-1079 processed_ chr12	84939524	84939668	-	0	0
ENSG0000(VT11BP3 processed_ chr12	53131350	53131985	+	0	0
ENSG0000(RP11-536C processed_ chr14	18645991	18646503	+	0	0
ENSG0000(RP11-114H lincRNA chr12	75563202	75984015	-	0.09	0.2
ENSG0000(ARHGAP42 processed_ chr14	19688261	19691194	+	0	0.04
ENSG0000(RP11-384J4 lincRNA chr14	26836728	27160420	+	0.48	0.18
ENSG0000(RP11-443B lincRNA chr1	2.35E+08	2.35E+08	-	0.07	0
ENSG0000(OR9A4 protein_co chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-754N lincRNA chr12	78352519	78483019	+	0	0
ENSG0000(RP11-753H antisense chr12	54353792	54466985	+	0	0
ENSG0000(RP11-114H lincRNA chr12	75694010	75698816	-	0	0
ENSG0000(RP11-734E processed_ chr12	76757191	76757914	+	0	0
ENSG0000(RP11-290L processed_ chr12	75926213	75926467	+	0	0
ENSG0000(RP4-816N1 antisense chr12	2797136	2803938	-	0	0
ENSG0000(RP11-474P antisense chr12	46371463	46373778	+	0	0
ENSG0000(RP11-89K2 lincRNA chr14	25124487	25126998	-	0	0
ENSG0000(ATXN2-AS antisense chr12	1.12E+08	1.12E+08	+	0.16	0.52
ENSG0000(RP11-121E lincRNA chr12	91362196	91368606	+	0	0.15
ENSG0000(RP11-977B antisense chr12	49232790	49264756	-	0.28	0.09
ENSG0000(MAP1LC3B protein_co chr12	1.17E+08	1.17E+08	+	1.04	0.86
ENSG0000(HIGD1AP9 processed_ chr12	49619334	49619612	+	0	0
ENSG0000(RP11-260G lincRNA chr14	29390346	29436412	+	0	0
ENSG0000(RP11-1028 lincRNA chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-43D4 processed_ chr12	1.05E+08	1.05E+08	+	0	0
ENSG0000(CCNG2P1 processed_ chr12	75257635	75258634	-	0	0
ENSG0000(CTA-109P1 lincRNA chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-89M: antisense chr12	72046149	72057377	-	0	0
ENSG0000(RP11-493L processed_ chr12	47341614	47342089	-	0	0
ENSG0000(RP11-1022 lincRNA chr12	63292625	63360037	-	0	0
ENSG0000(RP11-77I2: processed_ chr12	30861921	30862179	+	0	0
ENSG0000(RP11-804F lincRNA chr12	38544177	38589812	-	0	0
ENSG0000(KRT128P unprocess chr12	52632866	52634456	-	0	0
ENSG0000(RP11-722P antisense chr12	48483287	48500961	-	0	0
ENSG0000(RP11-61A1 antisense chr16	66841433	66853448	-	0	0

ENSG00000100000	RP11-314D	lincRNA	chr12	73159190	73208317	+	0.7	0.27
ENSG00000100000	RP11-1041	lincRNA	chr12	91680131	91680873	+	0	0
ENSG00000100000	MKRN9P	transcribed	chr12	87782163	87784568	-	0.05	0
ENSG00000100000	RP11-347C	protein_coding	chr16	30204316	30209071	-	1.55	2.76
ENSG00000100000	RP11-541G	lincRNA	chr12	96985656	97185609	+	0	0
ENSG00000100000	RP11-340M	processed_transcript	chr12	58394596	58395138	+	0	0
ENSG00000100000	RP11-956A	processed_transcript	chr12	32227410	32228154	-	0	0
ENSG00000100000	RP11-70F1	lincRNA	chr12	49908882	49911863	-	0	0
ENSG00000100000	RP11-864J	antisense	chr12	1.08E+08	1.08E+08	+	0	0
ENSG00000100000	RP11-753H	antisense	chr12	54353661	54497688	+	0	0
ENSG00000100000	RP11-324P	lincRNA	chr12	69212123	69224242	+	0	0
ENSG00000100000	RP11-18O1	processed_transcript	chr12	1.02E+08	1.02E+08	-	0	0.32
ENSG00000100000	RP11-554L	lincRNA	chr12	39087713	39092874	-	0	0
ENSG00000100000	AC007115	processed_transcript	chr12	91193709	91193942	+	0	0
ENSG00000100000	RP11-345J	protein_coding	chr16	29464967	29467833	-	2.37	2.95
ENSG00000100000	HSPE1P4	processed_transcript	chr12	1.02E+08	1.02E+08	-	0	0
ENSG00000100000	RP11-44N2	unprocessed_transcript	chr14	1.05E+08	1.05E+08	-	0	0
ENSG00000100000	IMMP1LP2	processed_transcript	chr12	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	RP11-315E	antisense	chr12	81378042	81472954	+	0	0
ENSG00000100000	RP11-115F	antisense	chr12	40395853	40443847	-	0	0
ENSG00000100000	RP11-588H	antisense	chr12	70468080	70543040	+	0.13	0.01
ENSG00000100000	LINC00485	lincRNA	chr12	1.03E+08	1.03E+08	-	0.03	0
ENSG00000100000	RP11-263K	lincRNA	chr12	82481118	82497560	-	0.04	0
ENSG00000100000	RP11-511B	lincRNA	chr12	93174366	93181832	+	0.23	0.1
ENSG00000100000	RP11-1105	antisense	chr12	94272150	94277195	-	0	0
ENSG00000100000	RP11-248E	processed_transcript	chr12	87753414	87753447	-	0	0
ENSG00000100000	RP11-412H	lincRNA	chr14	28592223	28613623	-	0	0
ENSG00000100000	RP11-394J	antisense	chr12	96222797	96223973	-	0	0
ENSG00000100000	RP11-18J9	lincRNA	chr12	85958686	85960946	+	0	0
ENSG00000100000	RP11-248E	processed_transcript	chr12	87820654	87820918	-	0	0
ENSG00000100000	RP11-493L	lincRNA	chr12	47248124	47257539	+	0	0
ENSG00000100000	RP11-753N	lincRNA	chr12	90280894	90300340	+	0	0
ENSG00000100000	RP11-335N	processed_transcript	chr12	60215994	60216384	+	0	0
ENSG00000100000	RP11-202H	lincRNA	chr12	86599578	86838998	-	0	0
ENSG00000100000	SLC7A5P2	transcribed	chr16	21519830	21520365	-	0.03	0.69
ENSG00000100000	RP11-362A	processed_transcript	chr12	81998632	81998962	+	0	0
ENSG00000100000	CTD-2213F	antisense	chr14	31553358	31558498	-	0	0
ENSG00000100000	NKX2-2-AS	antisense	chr20	21511447	21512309	+	0	0
ENSG00000100000	RP11-977G	sense_intronic	chr12	56162359	56190284	-	3.35	3.91
ENSG00000100000	RP11-776A	unprocessed_transcript	chr12	30454919	30492302	+	0	0
ENSG00000100000	RP1-228P1	lincRNA	chr12	48005277	48011227	-	0	0
ENSG00000100000	RP11-90E9	processed_transcript	chr12	98794485	98794964	+	0	0
ENSG00000100000	RP11-248E	processed_transcript	chr12	87746567	87746683	+	0	0
ENSG00000100000	RP13-619I	processed_transcript	chr12	85781892	85782444	-	0	0
ENSG00000100000	RP11-478C	processed_transcript	chr12	1.1E+08	1.1E+08	-	0.48	0.3

ENSG0000(ZNF75BP processed_ chr12	44008620	44010143	-	0	0
ENSG0000(RP11-272B lincRNA chr12	59366218	59411171	-	0	0
ENSG0000(RP11-299A processed_ chr12	80860955	80861508	-	0	0
ENSG0000(RP11-654D lincRNA chr12	89882665	89989289	+	0	0
ENSG0000(RP11-38F2 lincRNA chr12	78326680	78359746	-	0	0
ENSG0000(PRSS58 protein_co chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-587P processed_ chr12	91871122	91871230	-	0	0
ENSG0000(RP11-136F antisense chr12	78052181	78091737	-	0	0
ENSG0000(CLEC5A protein_co chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-511H transcribed chr12	1.02E+08	1.02E+08	-	0.29	0.83
ENSG0000(RP11-362K lincRNA chr12	58544124	58813060	+	0.19	0
ENSG0000(RP11-161H antisense chr12	49265156	49273306	-	0.1	0.11
ENSG0000(ARHGAP42 processed_ chr14	18623852	18626787	-	0	0
ENSG0000(RP11-370I lincRNA chr12	48231098	48284210	-	0	0
ENSG0000(RP11-12K6 lincRNA chr12	72727923	72728844	-	0	0
ENSG0000(MTND2P1 unprocessε chr12	41698495	41699182	-	0	0
ENSG0000(RP1-46F2.3 lincRNA chr12	1.11E+08	1.11E+08	-	0	0
ENSG0000(OSTF1P1 processed_ chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(RPL10P13 processed_ chr12	75688794	75689096	-	0	0
ENSG0000(RP11-497G lincRNA chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(YPEL5P3 processed_ chr12	96060024	96060375	-	0	0
ENSG0000(RP3-416H2 antisense chr12	52380460	52402407	+	0	0
ENSG0000(RP11-162N lincRNA chr12	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-219B antisense chr8	85222446	85245717	-	0.26	0.1
ENSG0000(RP11-977G antisense chr12	56267793	56270104	-	0	0
ENSG0000(RP11-693J processed_ chr12	92530460	92531324	+	0	0
ENSG0000(CTD-2311B lincRNA chr14	18944199	18945139	+	0	0
ENSG0000(RP11-570L antisense chr2	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-356C processed_ chr12	93529560	93529989	-	0	0
ENSG0000(RP11-510I lincRNA chr12	96422326	96485442	-	0	0
ENSG0000(RP11-370I unprocessε chr12	48333755	48333901	-	0	0
ENSG0000(RP11-887P antisense chr12	93707791	93737823	-	0	0
ENSG0000(OR7K1P processed_ chr14	25357764	25358689	+	0	0
ENSG0000(CLUHP8 unprocessε chr12	38082046	38087392	+	0	0
ENSG0000(LINC00592 lincRNA chr12	52164115	52223804	+	0	0
ENSG0000(RP11-1028 lincRNA chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(BTF3P2 processed_ chr14	28673241	28673727	-	0	0
ENSG0000(RP11-386G antisense chr12	48995150	48996334	+	0	0
ENSG0000(POLR2K1 processed_ chr12	49594091	49594258	+	0	0
ENSG0000(TESC-AS1 lincRNA chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(NENFP2 processed_ chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(CHURC1 protein_co chr14	64914361	64944591	+	33.21	32.01
ENSG0000(BRWD1P2 processed_ chr12	89919437	89919776	-	0	0
ENSG0000(RP11-536G lincRNA chr12	95803097	95823307	+	0	0
ENSG0000(RP11-314D processed_ chr12	73115957	73143858	-	0	0

ENSG0000(RP11-658F antisense chr11	66666036	66668374	+	2.95	3.57
ENSG0000(NUTF2P2 processed_chr14	35819837	35820220	+	0	0
ENSG0000(RP11-488C lincRNA chr14	76781733	76786724	-	1.22	1.92
ENSG0000(RP11-981P antisense chr12	89561129	89594878	+	0	0
ENSG0000(RP11-887P sense_intr chr12	93836167	93838038	+	0	0
ENSG0000(RP11-453D processed_chr12	76115711	76116100	+	0	0
ENSG0000(RP11-554E lincRNA chr12	1.02E+08	1.02E+08	-	0.12	0
ENSG0000(RP11-644F protein_co chr12	55716036	55724703	+	1.57	2
ENSG0000(RP11-690J lincRNA chr12	98113014	98292445	-	0	0
ENSG0000(RP11-167N lincRNA chr12	95387890	95388558	-	0	0
ENSG0000(CTD-2314B lincRNA chr14	19024090	19055551	+	0	0
ENSG0000(C17orf49 protein_co chr17	7014495	7017525	+	48.11	47.9
ENSG0000(KLF17P1 processed_chr12	62234390	62235515	-	0	0
ENSG0000(RP11-603J antisense chr12	56120033	56129619	-	0	0.08
ENSG0000(RP11-274M processed_chr12	74170445	74171830	+	0	0
ENSG0000(RP1-267L1 antisense chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-536C processed_chr14	19653623	19653742	-	0	0
ENSG0000(RP4-816N1 antisense chr12	2796877	2812902	-	0.59	0.87
ENSG0000(RP11-118A lincRNA chr12	43155315	43163110	+	0	0
ENSG0000(RP11-711C lincRNA chr12	74039086	74045828	+	0	0
ENSG0000(RP11-161H antisense chr12	49292631	49324576	-	0.03	0
ENSG0000(DUX4L52 processed_chr12	61600067	61600843	-	0	0
ENSG0000(RP11-115H sense_intr chr12	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-87P1 lincRNA chr12	83171590	83172740	+	0	0
ENSG0000(RP11-116N sense_ovei chr14	35897982	36063743	+	0	0
ENSG0000(RP11-536G antisense chr12	95795345	95858839	-	0	0
ENSG0000(RP11-968A sense_ovei chr12	54276631	54345083	+	0	0
ENSG0000(RP11-603J antisense chr12	56118968	56119939	-	0	0
ENSG0000(RP11-148B lincRNA chr12	1.16E+08	1.16E+08	+	0	0
ENSG0000(SYF2P1 processed_chr14	30541776	30542188	-	0	0
ENSG0000(RP11-23J1 transcribec chr12	47135498	47138370	-	0	0
ENSG0000(MIR3180-1 lincRNA chr16	14909887	14911345	-	0	0.09
ENSG0000(RP11-651L sense_intr chr12	1.06E+08	1.06E+08	-	0.33	0
ENSG0000(RP11-778J processed_chr12	94521090	94521869	-	0	0
ENSG0000(RP11-228G processed_chr12	84448625	84449878	-	0	0
ENSG0000(PCNPP1 processed_chr12	1.12E+08	1.12E+08	-	0	0
ENSG0000(NF1P12 unprocessε chr12	38206231	38207192	-	0	0
ENSG0000(RP11-536C lincRNA chr14	18636043	18637421	+	0	0
ENSG0000(RP11-1105 antisense chr12	94277758	94282844	-	0	0
ENSG0000(RTEL1 protein_co chr20	63657810	63696253	+	3.76	3.6
ENSG0000(RP11-536C transcribec chr14	18562928	18568790	+	0	0
ENSG0000(ZNF970P unprocessε chr12	37575587	37576384	+	0	0
ENSG0000(ADI1P3 processed_chr12	47463087	47463621	+	0	0
ENSG0000(SLC25A3P2 processed_chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-617J processed_chr12	81545326	81546450	-	0	0.06

ENSG00000100000	RP4-647C1 antisense	chr14	73242651	73245979	-	0.12	0.08
ENSG00000100000	RP11-649E antisense	chr14	49620815	49623480	-	0.04	0
ENSG00000100000	RP11-517C antisense	chr14	58398557	58427125	+	0	0.2
ENSG00000100000	RP11-204N lincRNA	chr14	97786565	97789256	-	0	0
ENSG00000100000	RP11-33N1 antisense	chr14	89399995	89409469	+	0	0
ENSG00000100000	RP11-737F processed	chr14	48819360	48819593	+	0	0
ENSG00000100000	CTD-2200A lincRNA	chr14	99324799	99332015	-	0	0
ENSG00000100000	AC068831. antisense	chr15	90952239	90955225	-	0.03	0.1
ENSG00000100000	RP11-629F processed	chr14	41296286	41298734	+	0	0
ENSG00000100000	RP11-187E lincRNA	chr14	32006902	32018685	+	0	0
ENSG00000100000	RP11-557C processed	chr14	43592142	43592262	-	0	0
ENSG00000100000	PPT2-EGFL protein_co	chr6	32153845	32171978	+	2.74	0.57
ENSG00000100000	RP11-1070 lincRNA	chr14	95573562	95581956	+	0	0
ENSG00000100000	RPA2P1 processed	chr14	46996454	46997174	+	0	0
ENSG00000100000	RP11-907D lincRNA	chr14	97116355	97121501	+	0	0
ENSG00000100000	CTD-2307P sense_ove	chr14	42362983	42703655	+	0	0
ENSG00000100000	BCAR1P1 processed	chr15	20073699	20074334	-	0	0
ENSG00000100000	MEG8 lincRNA	chr14	1.01E+08	1.01E+08	+	0.06	0.14
ENSG00000100000	RP11-831F antisense	chr14	49707667	49708792	-	0	0
ENSG00000100000	RP11-326E processed	chr14	49373966	49374383	+	0	0
ENSG00000100000	RP11-516J lincRNA	chr14	76280943	76310066	-	0	0
ENSG00000100000	RP11-1029 lincRNA	chr14	1.02E+08	1.02E+08	-	0	0
ENSG00000100000	ZNF578 protein_co	chr19	52453576	52512154	+	0.66	0.87
ENSG00000100000	RP11-88E1 processed	chr14	43274824	43275697	+	0	0
ENSG00000100000	RP11-300J antisense	chr14	88010787	88015611	-	0	0
ENSG00000100000	NT5CP2 processed	chr14	73539221	73539781	-	0	0
ENSG00000100000	RP11-173D lincRNA	chr15	20128745	20147953	-	0.37	1.09
ENSG00000100000	RP11-804N processed	chr14	63762013	63762149	+	0	0
ENSG00000100000	RP11-404P sense_intr	chr14	96210860	96214818	+	0.17	0
ENSG00000100000	RP11-665C lincRNA	chr14	55262767	55272075	-	0	0
ENSG00000100000	RP11-356C lincRNA	chr14	37564047	37579125	+	0	0
ENSG00000100000	RP11-32B5 processed	chr15	21344548	21345085	-	0	0
ENSG00000100000	RP11-526N lincRNA	chr14	79893080	79974169	-	0	0
ENSG00000100000	RP11-240B protein_co	chr8	1.32E+08	1.32E+08	-	0	0
ENSG00000100000	RP11-662J lincRNA	chr14	40386252	40386794	+	0	0
ENSG00000100000	RP11-588P sense_intr	chr14	79199982	79201632	+	0	0
ENSG00000100000	RP11-403B processed	chr15	20775464	20775998	-	0	0
ENSG00000100000	FXNP1 processed	chr14	78059942	78060278	-	0	0
ENSG00000100000	RP11-486C antisense	chr14	70187123	70230187	+	0.37	0.81
ENSG00000100000	OR7E105P unprocess	chr14	51756996	51757988	+	0	0
ENSG00000100000	RP11-471B antisense	chr14	90402523	90405235	-	0	0
ENSG00000100000	CTD-2207P lincRNA	chr14	74552181	74560048	+	0.14	0
ENSG00000100000	RP11-452D lincRNA	chr14	83018201	83039602	-	0	0
ENSG00000100000	RBM8B processed	chr14	60397757	60398281	+	0	0
ENSG00000100000	RP11-1085 antisense	chr14	56633244	56648658	-	0	0

ENSG00000100000	PDF	protein_co	chr16	69328621	69330595	-	3.18	3.34
ENSG00000100000	RP11-982N	antisense	chr14	1.05E+08	1.05E+08	+	0.1	0
ENSG00000100000	RP1-292L2	processed	chr14	70858844	70859429	-	0	0
ENSG00000100000	RP11-255M	lincRNA	chr15	95034384	95035737	-	0	0
ENSG00000100000	RP11-711D	lincRNA	chr12	1.21E+08	1.21E+08	+	0	0
ENSG00000100000	RNASE12	protein_co	chr14	20590193	20590823	-	0	0
ENSG00000100000	RP11-661G	antisense	chr14	90675118	90676294	+	0	0
ENSG00000100000	OR11K2P	unprocessed	chr14	19733355	19734302	-	0	0
ENSG00000100000	RP11-173A	processed	chr14	74658049	74658590	+	0	0
ENSG00000100000	RP11-1033	processed	chr14	52155740	52156179	+	0	0
ENSG00000100000	LINC00641	processed	chr14	21200079	21206900	-	1.19	1.26
ENSG00000100000	RP3-414A1	sense_intr	chr14	73517233	73520648	-	0	0
ENSG00000100000	CTD-2201G	antisense	chr14	23415339	23415686	+	0	0
ENSG00000100000	RP11-307P	processed	chr14	60779978	60780595	+	0	0
ENSG00000100000	RP11-895N	processed	chr14	91419449	91419751	+	0	0
ENSG00000100000	RP11-109N	processed	chr14	73068108	73068618	-	0	0
ENSG00000100000	RP11-713N	antisense	chr12	25096868	25100980	-	0	0
ENSG00000100000	RP11-649E	sense_intr	chr14	49629291	49629890	-	0	0
ENSG00000100000	RP11-903H	antisense	chr14	20693480	20707120	-	0	0
ENSG00000100000	RP11-757H	processed	chr14	80822524	80822796	+	0	0
ENSG00000100000	OR11H2	protein_co	chr14	19712936	19713920	-	0	0
ENSG00000100000	RP11-361H	sense_ove	chr14	76235817	76263474	+	0	0
ENSG00000100000	RP11-665C	antisense	chr14	55325834	55339501	-	0	0
ENSG00000100000	PTCD2P1	processed	chr14	20524287	20525422	-	0	0
ENSG00000100000	RP11-298I	antisense	chr14	22982698	22999078	+	1.58	0.26
ENSG00000100000	CTD-2555K	processed	chr14	22702611	22766562	-	0	0
ENSG00000100000	CTD-2292N	antisense	chr14	20305730	20306811	+	0	0
ENSG00000100000	RP11-168L	lincRNA	chr14	1.01E+08	1.01E+08	-	0	0
ENSG00000100000	RP11-164J	protein_co	chr15	42348103	42412317	+	1.25	1.88
ENSG00000100000	RP11-831F	processed	chr14	49681302	49681886	+	0	0
ENSG00000100000	RP11-173D	processed	chr15	19899334	19899559	+	0	0
ENSG00000100000	RP11-388E	processed	chr14	23729038	23729741	-	0	0
ENSG00000100000	RP11-574F	protein_co	chr1	1.6E+08	1.6E+08	-	2.37	0
ENSG00000100000	RP11-1012	protein_co	chr14	67659820	67690367	-	0.69	0.21
ENSG00000100000	PHKBP2	unprocessed	chr14	36533506	36534538	-	0	0
ENSG00000100000	OR11G1P	unprocessed	chr14	20179189	20180156	+	0	0
ENSG00000100000	CHMP4BP1	processed	chr14	55298644	55299231	+	0	0
ENSG00000100000	RP11-84C1	antisense	chr14	20995837	20999163	-	0	0
ENSG00000100000	RP11-192H	protein_co	chr17	28455752	28614197	-	1.68	1.15
ENSG00000100000	RP11-7F17	lincRNA	chr14	77048172	77086446	-	0	0
ENSG00000100000	RP11-187E	lincRNA	chr14	31944853	31950382	+	0	0
ENSG00000100000	LINC02207	lincRNA	chr15	93863109	93878356	+	0	0
ENSG00000100000	PPIAP6	processed	chr14	68421698	68422196	-	0	0
ENSG00000100000	RP11-232C	antisense	chr14	78744398	78753878	-	0	0
ENSG00000100000	LINC00640	lincRNA	chr14	51333393	51365557	+	0.67	0.24

ENSG0000(RP11-662J):lincRNA	chr14	40387558	40389140	+	0	0
ENSG0000(RP11-472N):lincRNA	chr14	92253493	92263656	-	0	0
ENSG0000(TRAV15 TR_V_pseu)	chr14	21950406	21950654	+	0	0
ENSG0000(AC144835):lincRNA	chr15	98003081	98021777	+	0	0
ENSG0000(SPESP1):protein_co	chr15	68818221	68946811	+	0	0
ENSG0000(SRMP2):processed_ch	chr14	60919240	60920155	-	0	0
ENSG0000(RP11-99L1):lincRNA	chr14	44444747	44480618	-	0	0
ENSG0000(RP11-467L):unprocess	chr15	20516252	20520627	+	0.18	0
ENSG0000(RP11-398J):lincRNA	chr15	95463592	95493770	-	0	0
ENSG0000(RP11-862P):antisense	chr14	66969038	66969816	-	0	0
ENSG0000(ZFP64P1):processed_ch	chr14	50704343	50705511	-	0	0
ENSG0000(RP11-73E1):processed_ch	chr14	34920865	34921006	+	0	0
ENSG0000(OR11J5P):processed_ch	chr15	20969282	20970215	-	0	0
ENSG0000(RP11-1141):lincRNA	chr14	87251103	87251679	+	0	0
ENSG0000(CTD-2561F):lincRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(DIO3OS):lincRNA	chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-862G):lincRNA	chr14	92905697	92907482	-	0	0
ENSG0000(CTD-2062F):transcribec	chr14	1E+08	1E+08	+	0	0
ENSG0000(EIF3LP1):processed_ch	chr14	81916231	81917888	+	0	0
ENSG0000(RP11-783L):lincRNA	chr14	66111581	66125847	+	0.14	0.3
ENSG0000(RP11-368P):processed_ch	chr14	53011971	53012267	+	0	0
ENSG0000(RP11-638I):lincRNA	chr14	1E+08	1E+08	+	0.19	0
ENSG0000(RP11-90P1):transcribec	chr14	42608868	42609577	+	0	0
ENSG0000(RP11-688D):processed_ch	chr14	84951274	84951373	+	0	0
ENSG0000(RP13-582L):sense_intr	chr4	8858715	8860827	-	0	0
ENSG0000(RP11-857B):processed_ch	chr14	44887434	44887741	-	0	0
ENSG0000(RP11-493G):processed_ch	chr14	77359423	77359916	+	0	0
ENSG0000(RP11-61O1):lincRNA	chr14	98136074	98139242	+	0	0
ENSG0000(LINC00239):lincRNA	chr14	1.02E+08	1.02E+08	+	0.11	0
ENSG0000(RP5-892G5):transcribec	chr14	74192589	74192823	+	0	0
ENSG0000(RP11-203N):antisense	chr14	20451305	20451918	+	0	0
ENSG0000(RP11-185P):lincRNA	chr14	95855548	95866464	-	0	0
ENSG0000(RP6-91H8):lincRNA	chr14	71212633	71218216	+	0	0
ENSG0000(RP11-349A):processed_ch	chr14	58184576	58185507	+	0	0
ENSG0000(RP11-363J):lincRNA	chr14	69239166	69260567	-	0	0
ENSG0000(RP11-638I):antisense	chr14	1E+08	1E+08	+	0	0
ENSG0000(NT5CP1):processed_ch	chr14	73571159	73571667	-	0	0
ENSG0000(RP11-829H):antisense	chr14	30876179	30889808	-	0	0.21
ENSG0000(RP11-111A):lincRNA	chr14	39474840	39513780	+	0	0
ENSG0000(ASB9P1):processed_ch	chr15	92795647	92796439	+	0	0
ENSG0000(RP11-108C):protein_co	chr11	1.12E+08	1.12E+08	-	0.37	0
ENSG0000(BANF1P1):processed_ch	chr14	68936602	68936864	+	0	0
ENSG0000(RP11-353P):lincRNA	chr14	83906872	83915050	-	0	0
ENSG0000(CTD-2134A):lincRNA	chr14	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-280K):sense_ove	chr14	51765276	51825422	+	0.04	0.12

ENSG0000(FKBP1BP1 processed_ chr14	41742639	41742963	+	0	0
ENSG0000(FRMD6-AS. lincRNA chr14	51454512	51599952	-	0	0
ENSG0000(RP11-753D lincRNA chr14	88175391	88180198	+	0	0
ENSG0000(RP11-12J1(protein_co chr10	1.25E+08	1.25E+08	-	0.06	0.12
ENSG0000(RP11-692C processed_ chr15	91676771	91677060	+	0	0
ENSG0000(OR4K4P unprocessε chr14	19905917	19906600	+	0	0
ENSG0000(AC068831. transcribed chr15	91029888	91029996	+	17.71	0
ENSG0000(GLRXP2 processed_ chr14	90107675	90107995	+	0	0
ENSG0000(RHOXF1-A antisense chrX	1.2E+08	1.2E+08	+	0.12	0.35
ENSG0000(CENPUP2 processed_ chr12	25092715	25093900	-	0	0
ENSG0000(LINC00645 lincRNA chr14	27612588	27639636	+	0	0
ENSG0000(RP11-22K1 processed_ chr14	83805496	83805640	-	0	0
ENSG0000(OR7E106P unprocessε chr14	51763056	51764076	-	0	0
ENSG0000(CRAT37 lincRNA chr15	91408708	91605211	+	0.13	0.06
ENSG0000(RP11-463C processed_ chr14	77173075	77173652	-	0	0.13
ENSG0000(RP11-16B1 antisense chr14	59969116	60091783	-	0	0
ENSG0000(RP11-973D antisense chr12	55966838	55967474	-	0	0
ENSG0000(SPECC1L-A protein_co chr22	24270898	24442356	+	0.33	0
ENSG0000(CTD-2568P lincRNA chr14	60323236	60323907	+	0	0
ENSG0000(AE000659. processed_ chr14	21962819	21963042	-	0	0
ENSG0000(RP11-159L antisense chr14	30734926	30822702	-	0	0
ENSG0000(AC005519. sense_ovei chr14	74289127	74294425	-	0.79	2.51
ENSG0000(CTD-2376I antisense chr14	1E+08	1E+08	-	0	0
ENSG0000(RP11-72M lincRNA chr14	66212810	66509394	-	0	0.87
ENSG0000(CTD-2313J processed_ chr15	92762757	92763750	+	0	0
ENSG0000(PSMA3P processed_ chr14	60179382	60180016	+	0.11	0
ENSG0000(OR4N1P unprocessε chr14	19796345	19797260	+	0	0
ENSG0000(BLZF2P unprocessε chr14	68867857	68869951	-	0.05	0
ENSG0000(RP11-99E1 processed_ chr14	76690139	76690742	-	0	0
ENSG0000(DUX4L16 unprocessε chrY	11306918	11308181	+	0	0
ENSG0000(RHOQP1 processed_ chr14	49599994	49600572	+	1.01	1.03
ENSG0000(RP11-99E1 lincRNA chr14	76710658	76761388	-	0.13	0
ENSG0000(RP11-452K processed_ chr15	94168349	94168751	+	0	0
ENSG0000(PTTG4P processed_ chr14	71085482	71085833	-	0	0
ENSG0000(RP11-1070 lincRNA chr14	95516136	95517911	+	0.12	0.2
ENSG0000(RP11-14J7 antisense chr14	20587644	20607137	+	0	0
ENSG0000(CTD-2644I sense_ovei chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(SNRPGP1 processed_ chr14	50571919	50572140	-	0	0
ENSG0000(RP11-98L1 processed_ chr14	76013679	76014143	+	0	0
ENSG0000(RP11-320N antisense chr14	32373337	32417974	-	0.55	0
ENSG0000(RP11-638I processed_ chr14	1E+08	1E+08	+	0	0
ENSG0000(RP11-44L9 lincRNA chr16	73483317	73487744	+	0	0
ENSG0000(LINC01500 lincRNA chr14	58828234	59017328	+	0	0.3
ENSG0000(FAM181A antisense chr14	93904730	93927066	-	0	0
ENSG0000(ZNF519P3 unprocessε chr15	21911559	21912590	-	0	0

ENSG0000(RP5-1021I2 lincRNA chr14	73822559	73830135	-	0	0
ENSG0000(RP11-316E processed_ chr14	74873684	74874254	+	0	0
ENSG0000(TRIM6-TRIM6 protein_co chr11	5596725	5644398	+	0.29	0.76
ENSG0000(NBEAP1 transcribed chr15	20657638	20688408	-	0.05	0.04
ENSG0000(RP11-545N processed_ chr14	39108342	39108707	+	0	0
ENSG0000(RP11-108M lincRNA chr14	57066260	57112660	-	0.32	0.83
ENSG0000(CTD-3051D lincRNA chr14	1.05E+08	1.05E+08	-	0	0.01
ENSG0000(RP11-30G8 lincRNA chr15	27621534	27629289	+	0	0
ENSG0000(RP11-371E processed_ chr14	93138066	93138465	+	0	0
ENSG0000(SERPINA2 polymorph chr14	94364313	94366698	-	0	0
ENSG0000(RP11-260M lincRNA chr14	1.04E+08	1.04E+08	-	0	0
ENSG0000(RP11-84C1 processed_ chr14	20983155	20985066	-	0	0
ENSG0000(RP11-452D lincRNA chr14	83017106	83018144	-	0	0
ENSG0000(RP11-81F1 antisense chr14	36808871	36828729	+	0	0
ENSG0000(LINC01629 lincRNA chr14	76959638	76965802	+	0	0
ENSG0000(RP3-414A1 antisense chr14	73616700	73633941	-	0	0
ENSG0000(AL161668.1 lincRNA chr14	21024172	21029271	+	0	0
ENSG0000(DYNLL1P2 processed_ chr14	81412970	81413239	+	0	0
ENSG0000(DNAJC19P1 processed_ chr14	45290036	45290386	+	0	0
ENSG0000(LINC-ROR lincRNA chr18	57054559	57072119	-	0.02	0
ENSG0000(RP11-488C lincRNA chr14	76778952	76782249	+	0	0.27
ENSG0000(RP11-368J2 transcribed chr15	93065586	93066606	-	0	0.13
ENSG0000(RPL21P7 processed_ chr14	65266638	65267690	-	0	0
ENSG0000(RP11-725G unprocessed_ chr14	95199039	95199345	+	0	0
ENSG0000(RP11-369C lincRNA chr14	45706250	45715952	-	0	0
ENSG0000(RPL21P9 processed_ chr14	67714545	67715204	+	0	0
ENSG0000(RP11-134E processed_ chr14	32241524	32243093	-	0	0
ENSG0000(RP11-362L1 sense_intronic chr14	1E+08	1E+08	+	0	0
ENSG0000(RP11-90P1 processed_ chr14	42657763	42657918	-	0	0
ENSG0000(CTD-2325P antisense chr14	68683411	68685565	-	0	0
ENSG0000(SERPINE4P processed_ chr15	27340524	27340804	+	0	0
ENSG0000(OR11H5P unprocessed_ chr14	20209240	20210210	+	0	0
ENSG0000(COX7A2P1 processed_ chr14	67652300	67652614	-	0	0
ENSG0000(RP11-76E1 transcribed chr15	93825058	93825159	-	0	0
ENSG0000(RP11-492D unprocessed_ chr15	20228620	20277503	-	0	0
ENSG0000(CTD-2014B processed_ chr14	65879592	65881070	-	0	0
ENSG0000(RP11-725G lincRNA chr14	95329584	95335504	+	0	0
ENSG0000(RP11-739G lincRNA chr15	93589867	93760799	+	0	0
ENSG0000(RP11-354B processed_ chr15	94273496	94274005	+	0	0
ENSG0000(RP11-857B antisense chr14	44876874	44897077	-	0	0
ENSG0000(RP4-773N1 antisense chr1	1.1E+08	1.1E+08	+	2.28	2.02
ENSG0000(CTD-2298J1 lincRNA chr14	41587861	41604856	-	0	0
ENSG0000(RP11-242P antisense chr14	79661666	79791263	-	0	0
ENSG0000(RP11-395B processed_ chr14	62514872	62515123	-	0	0
ENSG0000(RP11-10A2 processed_ chr14	48045481	48046216	+	0	0

ENSG0000(RPL21P5 processed_ chr14	31111569	31112239	-	0	0
ENSG0000(OR4T1P unprocessε chr14	20093353	20094263	+	0	0
ENSG0000(RP11-219E antisense chr14	20874305	20875768	-	0.08	0.28
ENSG0000(BCL2L2-PA protein_co chr14	23306835	23325369	+	3.39	7.19
ENSG0000(SYNJ2BP-C protein_co chr14	70326064	70417074	-	3.81	2.66
ENSG0000(HSPE1P2 processed_ chr14	63601509	63601814	+	0	0
ENSG0000(RP11-950C antisense chr14	75004719	75008481	-	0	0.34
ENSG0000(LINC00930 lincRNA chr15	92567818	92572042	-	0	0
ENSG0000(UBE2CP1 processed_ chr14	30683045	30683598	-	0	0
ENSG0000(CTD-2142D lincRNA chr14	38190983	38202923	+	0	0
ENSG0000(HSBP1P1 processed_ chr14	58463971	58464136	+	0	0
ENSG0000(RP11-545M lincRNA chr14	39103140	39103812	+	0	0
ENSG0000(OR4Q1P transcribec chr15	22044496	22045399	+	0	0
ENSG0000(RP5-1021I2 protein_co chr14	73851971	73932278	+	0.02	0.28
ENSG0000(RP11-509A lincRNA chr15	20344736	20359166	+	0	0
ENSG0000(ARHGAP5- antisense chr14	32074946	32076793	-	1.46	0.9
ENSG0000(RP11-193F processed_ chr14	60972272	60972466	-	0	2.29
ENSG0000(RP11-104E antisense chr14	24595723	24657774	+	0	0
ENSG0000(RP11-517C antisense chr14	58370023	58395641	-	0	0
ENSG0000(TRIM34 protein_co chr11	5619764	5644398	+	3.67	4.05
ENSG0000(RP4-693M: antisense chr14	73698103	73700351	-	0	0
ENSG0000(RP11-964E antisense chr14	36647083	36658801	-	0	0
ENSG0000(RP11-588P antisense chr14	79246668	79249023	-	0	0
ENSG0000(RP11-123M antisense chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(AC068831. unprocessε chr15	91031712	91032435	-	0	0
ENSG0000(RP11-638I2 antisense chr14	1E+08	1E+08	+	0	0
ENSG0000(HIF1A-AS2 lincRNA chr14	61715558	61751097	-	0.27	0.15
ENSG0000(COX6CP11 processed_ chr14	77652827	77653055	-	0	0
ENSG0000(RP11-1042 antisense chr14	60515119	60554916	+	0.07	0.08
ENSG0000(RP11-407N processed_ chr14	39211781	39212255	+	0	0
ENSG0000(RP11-543C lincRNA chr14	99691445	99693648	-	0	0
ENSG0000(LINC01397 antisense chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000(CTC-260F2 protein_co chr19	19516227	19536076	+	0	1.07
ENSG0000(RP11-299L lincRNA chr14	81441987	81450157	-	0.21	0.12
ENSG0000(RP11-386N processed_ chr15	92580829	92600545	+	0	0
ENSG0000(RP11-463D protein_co chr8	73688691	73878854	-	4.15	2.23
ENSG0000(RP11-1078 lincRNA chr14	90452063	90455117	-	0	0
ENSG0000(RP11-74M: transcribec chr12	56822985	56874268	+	0.03	0.06
ENSG0000(RP11-506K processed_ chr14	38835389	38835788	+	0	0
ENSG0000(RP11-8L8.1 processed_ chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(CTD-2002H sense_ovei chr14	58264662	58269681	+	0.12	0
ENSG0000(RP11-11K1 lincRNA chr14	82788478	82796221	-	0	0
ENSG0000(BMS1P16 unprocessε chr15	21160305	21167357	+	0.06	0
ENSG0000(CTD-2315A processed_ chr14	59135488	59136421	-	0	0
ENSG0000(RP11-218E antisense chr14	50848122	50865659	+	0	0

ENSG0000(LINC01269 lincRNA	chr14	70698698	70712153	+	0	0
ENSG0000(RP11-81F1 antisense	chr14	36788644	36807163	+	0	0
ENSG0000(RP11-404P protein_co	chr14	96204844	96263929	+	6.22	6.35
ENSG0000(SALL4P7 transcribed	chr14	60493766	60496885	-	0	0
ENSG0000(RP11-436M lincRNA	chr14	99977115	99978098	-	0	0
ENSG0000(RP11-1033 lincRNA	chr14	52111122	52129625	-	0	0
ENSG0000(RP3-414A1 antisense	chr14	73522878	73530610	+	0	0
ENSG0000(CTD-2058B antisense	chr14	38003113	38004847	-	0	0
ENSG0000(RP11-589M lincRNA	chr14	52792875	52820034	-	0	0
ENSG0000(RP11-356K antisense	chr14	89355060	89356571	+	0	0
ENSG0000(LINC00871 lincRNA	chr14	45940943	46501823	+	0	0
ENSG0000(LINC00638 lincRNA	chr14	1.05E+08	1.05E+08	+	0.48	0.74
ENSG0000(RP11-433J lincRNA	chr14	96592733	96595762	+	0.03	0.04
ENSG0000(RP11-1085 lincRNA	chr14	56759379	56765757	+	0	0
ENSG0000(SRP54-AS1 transcribed	chr14	34920858	34982532	-	0.85	1.24
ENSG0000(AE000660. processed_	chr14	22011910	22014964	+	0	0
ENSG0000(SLC20A1P3 processed_	chr15	19967414	19968352	-	0	0
ENSG0000(RP11-467L. processed_	chr15	20626819	20627365	-	0	0
ENSG0000(SLC25A21-. antisense	chr14	37171888	37173811	+	0.58	0.29
ENSG0000(LINC01193 lincRNA	chr15	20940438	20993303	+	0	0
ENSG0000(RP11-218E lincRNA	chr14	50956259	50962002	-	0.44	0.67
ENSG0000(CXADRP2 processed_	chr15	21372793	21373881	-	0	0
ENSG0000(C20orf141 protein_co	chr20	2814987	2815833	+	0.58	0
ENSG0000(RP11-661G antisense	chr14	90697333	90699374	+	0	0
ENSG0000(RP11-566J lincRNA	chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-226P lincRNA	chr14	81727780	81743138	-	0	0
ENSG0000(RP11-232C antisense	chr14	78695321	78698122	-	0	0
ENSG0000(OR11H3P unprocess	chr15	22009548	22010529	-	0	0
ENSG0000(CKAP2P1 processed_	chr14	21110295	21113472	-	0	0
ENSG0000(RP11-332E antisense	chr14	78279572	78283376	-	0	0
ENSG0000(CTD-2135J protein_co	chr8	10725399	10839847	-	0	0.02
ENSG0000(PRC1-AS1 antisense	chr15	90966345	90988624	+	0.12	0.27
ENSG0000(DUXAP6 processed_	chr15	92281484	92282084	+	0	0
ENSG0000(RP11-66N2 antisense	chr14	23561097	23568073	+	3.04	3.86
ENSG0000(RP11-195F protein_co	chr9	34646645	34657113	+	0.17	0.3
ENSG0000(RP11-404P lincRNA	chr14	96275046	96276723	-	0	0
ENSG0000(ITPK1-AS1 antisense	chr14	93067452	93072152	+	0	0
ENSG0000(RP11-547D antisense	chr14	53153354	53157528	+	0	0.06
ENSG0000(RP11-603B unprocess	chr15	22278971	22282872	+	0	0
ENSG0000(CTD-2341M lincRNA	chr14	85934710	86129778	+	0	0
ENSG0000(RP11-112J processed_	chr14	58827679	58828176	-	0	0
ENSG0000(LINC00637 lincRNA	chr14	1.04E+08	1.04E+08	+	0	0.03
ENSG0000(RP11-982M lincRNA	chr14	1.05E+08	1.05E+08	-	0	0
ENSG0000(SUB1P2 processed_	chr14	74305425	74306527	+	0	0
ENSG0000(RP11-73E1 antisense	chr14	34874343	34876459	+	0.79	0.84

ENSG00000108800	ENO1P2	transcribed	chr15	92420860	92422735	+	0	0
ENSG00000108801	RP11-293M	lincRNA	chr14	75238616	75269283	-	0	0
ENSG00000108802	RP11-386M	transcribed	chr15	92715710	92734195	-	0	0.63
ENSG00000108803	RP11-862G	lincRNA	chr14	92886352	92893506	+	0	0
ENSG00000108804	RP11-406A	lincRNA	chr14	82642620	82706825	+	0	0
ENSG00000108805	RP11-80A1	antisense	chr14	24501594	24508688	+	0.19	0.21
ENSG00000108806	RP11-218E	antisense	chr14	50912226	50913358	+	0	0
ENSG00000108807	RP11-454K	processed	chr14	45502742	45503140	-	0	0
ENSG00000108808	RP11-163M	antisense	chr14	44507407	44538513	+	0	0
ENSG00000108809	CTD-2223C	antisense	chr14	1.04E+08	1.04E+08	-	0	0
ENSG00000108810	RP11-688G	antisense	chr14	99512501	99513576	+	0	0
ENSG00000108811	RP11-2G1.	processed	chr14	48398310	48399375	+	0	0
ENSG00000108812	RP11-2G1.	lincRNA	chr14	48396508	48491767	-	0	0
ENSG00000108813	RP11-356K	antisense	chr14	89350285	89364699	+	0	0
ENSG00000108814	RP11-794A	lincRNA	chr14	54470709	54471218	+	0	0
ENSG00000108815	LINC01579	lincRNA	chr15	93718542	94070820	-	0	0
ENSG00000108816	RP11-841C	antisense	chr14	52640839	52641566	+	0	0
ENSG00000108817	RP11-613G	processed	chr14	57040885	57042504	+	0	0
ENSG00000108818	RP11-1012	processed	chr14	67799004	67799609	+	0	0
ENSG00000108819	CTD-2509C	lincRNA	chr14	65236480	65318790	-	0	0
ENSG00000108820	RP11-24J1	antisense	chr15	92162798	92172436	-	0	0
ENSG00000108821	MTND4P3	processed	chr14	84172841	84173606	+	0	0
ENSG00000108822	RP11-110A	antisense	chr12	55434734	55585471	-	0	0
ENSG00000108823	RP11-1042	transcribed	chr14	60544400	60544654	+	0	0
ENSG00000108824	RP11-692C	lincRNA	chr15	91643017	91649114	-	1.81	1.85
ENSG00000108825	DIO2-AS1	antisense	chr14	80211419	80455469	+	0	0
ENSG00000108826	RP11-32B5	processed	chr15	21382383	21382842	+	0	0
ENSG00000108827	CTD-2292M	lincRNA	chr14	20260480	20264308	-	0.19	0.16
ENSG00000108828	RAP1AP	processed	chr14	74482985	74483435	+	0	0
ENSG00000108829	CTD-2007A	lincRNA	chr14	87634379	87655294	-	0	0
ENSG00000108830	BCAR1P2	processed	chr15	21080812	21081447	-	0	0
ENSG00000108831	RP11-84C1	lincRNA	chr14	20916766	20928580	-	0	0
ENSG00000108832	RP11-255M	lincRNA	chr15	95080095	95132859	-	0	0
ENSG00000108833	NANOGP7	transcribed	chr14	91604402	91605319	-	0	0
ENSG00000108834	RP11-1085	lincRNA	chr14	56817570	56893710	-	0	0
ENSG00000108835	HIF1A-AS1	lincRNA	chr14	61681041	61695823	-	0.42	0.34
ENSG00000108836	RP11-804M	processed	chr14	63734697	63735923	+	0.14	0.05
ENSG00000108837	LINC01568	lincRNA	chr16	73386805	73421393	+	0	0
ENSG00000108838	BMS1P15	unprocessed	chr15	20153776	20160826	+	0	0.21
ENSG00000108839	RP11-496I	unprocessed	chr14	19228924	19244931	-	0	0
ENSG00000108840	RP11-701B	processed	chr14	59479274	59525437	-	0	0
ENSG00000108841	KRT18P6	processed	chr14	35511825	35513089	-	0	0
ENSG00000108842	RP11-813I	lincRNA	chr14	55748208	55773203	+	0	0
ENSG00000108843	LINC01580	lincRNA	chr15	93900701	93984150	+	0	0
ENSG00000108844	RP11-928F	unprocessed	chr15	21980321	21981209	-	0	0

ENSG0000(RP11-164C processed_ chr15	93430659	93431217	-	0	0
ENSG0000(CKS1BP1 processed_ chr14	96223108	96223347	+	0.59	0.65
ENSG0000(RP11-507K antisense chr14	88551597	88552493	+	0.46	0.81
ENSG0000(RP11-561B protein_co chr14	35122549	35317474	+	0.75	0.31
ENSG0000(LINC00520 lincRNA chr14	55781135	55796688	-	1.51	1.43
ENSG0000(RP11-944C lincRNA chr14	89628921	89642671	-	0.79	0.22
ENSG0000(RP11-404P antisense chr14	96259411	96268624	-	0	0
ENSG0000(DUX4L27 processed_ chr12	34208415	34209675	-	0	0
ENSG0000(RP11-1082 lincRNA chr14	98497132	98514798	+	0	0
ENSG0000(CTD-2560C processed_ chr14	66760532	66761018	+	0	0
ENSG0000(RP11-467L unprocessε chr15	20545576	20549444	-	0	0
ENSG0000(RP11-895N lincRNA chr14	91418266	91421176	+	0	0
ENSG0000(ZNF519P2 processed_ chr15	20901441	20901609	-	0	0
ENSG0000(CTD-2302E lincRNA chr14	63598874	63599248	+	0	0
ENSG0000(RP11-589N processed_ chr14	52798904	52799061	-	0	0
ENSG0000(RP11-624J: lincRNA chr14	56514331	56551309	+	0	0
ENSG0000(LINC01148 lincRNA chr14	86905778	86922755	+	0	0
ENSG0000(ADIPOR1P2 processed_ chr14	94633705	94634524	+	0	0
ENSG0000(OR11H7 polymorph chr14	20229402	20230341	+	0	0
ENSG0000(RP11-1152 lincRNA chr14	87710419	87872291	-	0.15	0.43
ENSG0000(RP11-255G lincRNA chr14	51392128	51397135	-	0	0
ENSG0000(CTD-2555C lincRNA chr14	64358768	64379318	-	0	0.14
ENSG0000(RP11-219E antisense chr14	20783888	20784293	+	0	0
ENSG0000(CTD-3051D lincRNA chr14	1.05E+08	1.05E+08	+	0.02	0.02
ENSG0000(TRAV33 TR_V_pseu chr14	22190158	22190713	+	0	0
ENSG0000(RP11-109N antisense chr14	73057925	73059415	-	0.43	0.4
ENSG0000(CTD-2128A lincRNA chr14	85387275	85388765	+	0	0
ENSG0000(RP11-408B lincRNA chr12	85318060	85342912	+	0	0
ENSG0000(RP11-74M: unprocessε chr12	56855694	56855886	+	0	0
ENSG0000(OR4C13 protein_co chr11	49952391	49953419	+	0	0
ENSG0000(RNASE4 protein_co chr14	20684100	20701215	+	53.2	51.19
ENSG0000(RP11-7F17 lincRNA chr14	77069180	77076344	-	0	0
ENSG0000(RP11-293N antisense chr14	75259411	75271950	+	0	0
ENSG0000(OR4K16P unprocessε chr14	19956600	19957568	+	0	0
ENSG0000(CTD-2555K unprocessε chr14	22723476	22726572	-	0	0
ENSG0000(CTD-2555C antisense chr14	64422935	64448557	-	1.31	1.44
ENSG0000(RP11-300J: lincRNA chr14	88018605	88036319	-	0	0
ENSG0000(RP11-537P sense_intrε chr14	37097062	37098563	-	0	0
ENSG0000(KRT8P2 processed_ chr14	43540883	43541826	-	0	0
ENSG0000(CTD-2243E antisense chr14	79072132	79074767	-	0	0
ENSG0000(RP11-123K protein_co chr12	57249609	57296484	-	0.51	0.35
ENSG0000(RP11-76E1 lincRNA chr15	93882082	93886743	+	0	0
ENSG0000(DUX4L4 unprocessε chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(TRAV28 TR_V_pseu chr14	22155079	22155638	+	0	0
ENSG0000(RP11-349A processed_ chr14	58100985	58101574	+	0	0

ENSG0000(CTD-2566J: antisense	chr14	68125004	68130196	-	0	0
ENSG0000(MC1R protein_co	chr16	89912119	89920977	+	3.27	3.39
ENSG0000(EEF1A1P2 processed_	chr14	81661428	81662874	+	0	0
ENSG0000(RP11-355I2 lincRNA	chr14	62069518	62081154	-	0	0
ENSG0000(RP11-286C antisense	chr14	50821880	50823501	+	0	0
ENSG0000(RP11-259K lincRNA	chr14	36214607	36235608	+	0.07	0
ENSG0000(RP11-945F lincRNA	chr14	45567995	45569069	+	0	0
ENSG0000(EEF1A1P33 processed_	chr12	96900697	96902698	-	0	0
ENSG0000(CTD-2014B lincRNA	chr14	65957297	66004523	-	0	0
ENSG0000(GRAMD4P(processed_	chr15	21383821	21384064	+	0	0
ENSG0000(OR7E159P unprocessε	chr14	51771789	51772086	-	0	0
ENSG0000(RP11-214N lincRNA	chr14	42412573	42528888	+	0	0
ENSG0000(RP11-894P antisense	chr14	1.04E+08	1.04E+08	+	0.13	0.14
ENSG0000(RP11-30G8 lincRNA	chr15	27684498	27685768	-	0	0
ENSG0000(RP11-463J: antisense	chr14	51982520	51987219	-	0	0
ENSG0000(OR111J2P transcribec	chr15	20960675	20961581	+	0	0
ENSG0000(CTD-2325K transcribec	chr14	57629841	57631162	+	0.04	0
ENSG0000(RP11-247L: lincRNA	chr14	50397013	50398345	+	0	0
ENSG0000(RP11-982N antisense	chr14	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-594C lincRNA	chr14	87353070	87573022	-	0	0
ENSG0000(RP11-561B lincRNA	chr14	35362232	35363628	-	0	0
ENSG0000(MIR381HG lincRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(SETP1 processed_	chr14	20528115	20528959	-	0	0
ENSG0000(CTC-554D6 protein_co	chr5	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-991C lincRNA	chr14	95048220	95050953	+	0	0
ENSG0000(LINC01146 lincRNA	chr14	88024550	88097619	+	0	0
ENSG0000(RP11-816J8 lincRNA	chr14	49057713	49077505	-	0	0
ENSG0000(RP11-204N lincRNA	chr14	97749264	97763989	-	0	0
ENSG0000(EIF4EBP1P: processed_	chr14	21419620	21419960	+	0	0
ENSG0000(RP3-514A2 lincRNA	chr14	72552580	72595125	-	0	0
ENSG0000(FDPSP3 transcribec	chr14	54884849	54886213	-	0	0
ENSG0000(DUXA protein_co	chr19	57154021	57167443	-	0	0
ENSG0000(RP11-232C antisense	chr14	78703615	78709934	-	0	0
ENSG0000(CTD-2547L processed_	chr14	91242759	91252211	+	0.16	0.18
ENSG0000(RP11-270N lincRNA	chr14	75970924	75971587	+	0	0
ENSG0000(ATP5A1P4 processed_	chr14	62604113	62605717	-	0	0
ENSG0000(CTD-2509C processed_	chr14	65234515	65235101	-	0	0
ENSG0000(AC007040: protein_co	chr2	70939318	70995336	-	0	0.22
ENSG0000(RP11-32B5 unprocessε	chr15	21250180	21260147	-	0	0
ENSG0000(CTD-3035D lincRNA	chr14	90822365	90828128	-	0	0
ENSG0000(RP11-344B antisense	chr9	36856555	36861375	+	0	0
ENSG0000(HIGD1AP1: processed_	chr14	30964347	30964622	+	0	0
ENSG0000(RP11-388E unprocessε	chr14	23817281	23827396	-	0	0
ENSG0000(RP11-326A lincRNA	chr15	93257198	93260475	+	0	0
ENSG0000(CEP95 protein_co	chr17	64506588	64542461	+	13.27	10.41

ENSG0000(RP5-1021I2 antisense chr14	73896164	73938114	-	0.02	0
ENSG0000(RP11-193F processed_ chr14	60879714	60982585	+	0	0
ENSG0000(SETP2 processed_ chr14	51436038	51436963	+	0	0
ENSG0000(RP11-557C processed_ chr14	43595136	43596683	+	0	0
ENSG0000(CTD-2643K processed_ chr15	94033658	94034177	+	0	0.32
ENSG0000(SCOCP1 processed_ chr14	60158976	60159324	+	0	0
ENSG0000(EGLN3-AS1 antisense chr14	34040097	34059300	+	0	0
ENSG0000(OR4U1P unprocessε chr14	20043916	20044827	+	0	0
ENSG0000(HNRNPCP1 processed_ chr14	58521223	58521988	+	0.68	1.21
ENSG0000(CTD-2298J processed_ chr14	41555662	41556055	-	0	0
ENSG0000(CTD-2128A lincRNA chr14	85362457	85516934	-	0	0
ENSG0000(RP11-355I2 lincRNA chr14	62103378	62117175	-	0	0
ENSG0000(RP11-638I2 sense_intrε chr14	1E+08	1E+08	+	0.14	0.6
ENSG0000(TRAV32 TR_V_pseu chr14	22185562	22186057	+	0	0
ENSG0000(CTD-2552B processed_ chr14	21184341	21184959	-	0	0
ENSG0000(RP11-644F processed_ chr12	55654558	55655168	-	0	0
ENSG0000(RP11-203M lincRNA chr14	20474789	20477089	-	0	0
ENSG0000(RP11-164C lincRNA chr15	93416850	93422576	-	0	0
ENSG0000(LINC01956 lincRNA chr2	1.19E+08	1.19E+08	-	0.34	0
ENSG0000(RP11-1079 lincRNA chr14	86014686	86062960	-	0	0
ENSG0000(RP11-260M lincRNA chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(CTD-2134A lincRNA chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(BHLHB9P1 processed_ chr14	80981988	80983638	+	0	0
ENSG0000(SPATA31E2 unprocessε chr15	20593494	20599195	-	0	0
ENSG0000(ZMYND19F processed_ chr14	77696591	77697377	+	0	0
ENSG0000(RP11-219E lincRNA chr14	20897985	20936255	-	0	0
ENSG0000(RP11-1029 lincRNA chr14	1.02E+08	1.02E+08	-	0.13	0.15
ENSG0000(FOXN3-AS1 antisense chr14	89417354	89419793	+	0.89	0.55
ENSG0000(RP11-644F antisense chr12	55638912	55659795	-	0	0
ENSG0000(CTD-2313J sense_intrε chr15	92805770	92808567	-	0	0
ENSG0000(MTND5P3E processed_ chr14	84173791	84175510	+	0	0
ENSG0000(CTB-96E2.3 processed_ chr17	28357647	28381697	+	1.91	0.97
ENSG0000(NPM1P5 processed_ chr15	92285841	92286678	+	0	0
ENSG0000(RP11-47I2 antisense chr14	61537508	61545287	-	0	0
ENSG0000(RP11-1070 lincRNA chr14	95620914	95643285	+	0	0
ENSG0000(RP11-463J antisense chr14	51916145	51918571	-	0	0
ENSG0000(RP5-1163L transcribec chr14	71031686	71031970	-	0	0
ENSG0000(RP11-1084 lincRNA chr15	26050538	26052276	-	0	0
ENSG0000(CTD-3006C transcribec chr14	27258717	27845286	-	0	0
ENSG0000(RP11-991C lincRNA chr14	94960277	94962976	-	0	0
ENSG0000(RP11-97N1 processed_ chr14	42807378	42808112	-	0	0
ENSG0000(RP11-1078 lincRNA chr14	90567495	90569976	+	0	0
ENSG0000(RP11-317N antisense chr14	35819224	35826765	-	1.91	2.06
ENSG0000(RP11-407N antisense chr14	39265703	39267061	-	0.17	0.28
ENSG0000(RP11-407N protein_co chr14	39233902	39350423	+	0.03	0

ENSG0000(RP11-255G lincRNA chr14	51344914	51385603	-	0	0
ENSG0000(RP11-696D lincRNA chr14	63298126	63299547	-	0	0
ENSG0000(RP4-647C1 antisense chr14	73272182	73274081	-	0.25	0
ENSG0000(RP11-497E lincRNA chr14	85528599	85529386	+	0.11	0
ENSG0000(TUBB3 protein_co chr16	89921392	89938761	+	34.99	32.14
ENSG0000(KRT8P1 processed_chr14	38727275	38728481	+	0	0
ENSG0000(RP11-857B antisense chr14	44898908	44911863	-	0	0
ENSG0000(KRT18P7 processed_chr14	70594552	70595770	+	0	0
ENSG0000(SALRNA1 lincRNA chr14	60639216	60642589	+	0	0
ENSG0000(RP11-692C lincRNA chr15	91532891	91535095	+	0	0
ENSG0000(LINC00519 lincRNA chr14	51304416	51328386	-	0.1	0.32
ENSG0000(COX4I1P1 processed_chr14	61831861	61832369	-	0	0
ENSG0000(RP11-363J lincRNA chr14	69183020	69214092	-	0.3	0
ENSG0000(RP11-594C lincRNA chr14	87323753	87332390	+	0	0
ENSG0000(RP11-1017 antisense chr14	1.02E+08	1.02E+08	-	0	0.14
ENSG0000(CTD-2014B processed_chr14	65900932	65901451	-	0	0
ENSG0000(RP11-747H processed_chr14	91709111	91710617	+	0	0
ENSG0000(EDDM3DP unprocessε chr14	20734578	20735011	+	0	0
ENSG0000(RP11-618G processed_chr14	61734138	61776260	+	0	2.32
ENSG0000(RP11-446P processed_chr15	25928146	25928575	-	0	0
ENSG0000(GTF3AP2 transcribec chr14	71044375	71044640	-	0	0
ENSG0000(HMGN1P3 processed_chr14	68887785	68888084	-	1.15	0
ENSG0000(RP11-829H processed_chr14	31018446	31018796	+	0	0
ENSG0000(RP11-305B lincRNA chr14	43995781	44384545	-	0	0
ENSG0000(RP11-100N antisense chr15	27418796	27420735	-	0	0
ENSG0000(RP11-326A processed_chr15	93301416	93301647	-	0	0
ENSG0000(NDUFB8P1 processed_chr14	73631475	73632019	+	0	0
ENSG0000(RP11-934B protein_co chr14	24332310	24337382	-	0	0
ENSG0000(RP11-753D lincRNA chr14	88136733	88159845	-	0	0
ENSG0000(CTD-2207P lincRNA chr14	74614693	74616647	-	0.1	0.13
ENSG0000(LINC01467 lincRNA chr14	81605347	81623061	-	0	0
ENSG0000(HIF1AP1 processed_chr14	75116426	75116600	-	0	0
ENSG0000(RP11-433J lincRNA chr14	96741191	96790613	+	0	0
ENSG0000(EIF1AXP2 processed_chr14	65528830	65529574	-	0	0
ENSG0000(COX5AP2 processed_chr14	52117602	52117995	+	0	0
ENSG0000(RP11-638I antisense chr14	1E+08	1E+08	-	0	0
ENSG0000(RP11-507K antisense chr14	88499334	88515502	+	0	0
ENSG0000(UBE2F-SCL protein_co chr2	2.38E+08	2.38E+08	+	0	0.3
ENSG0000(RP11-368P antisense chr14	53036755	53038251	+	0	0
ENSG0000(TMEM179 protein_co chr14	1.04E+08	1.05E+08	-	0	0
ENSG0000(RP11-131H antisense chr14	93939555	93944129	+	0	0
ENSG0000(RP11-125H processed_chr14	67199062	67200327	+	0	0
ENSG0000(RP11-47I2 protein_co chr14	61529128	61657964	+	0	0
ENSG0000(MPPE1P1 processed_chr14	89110148	89111223	-	0	0
ENSG0000(DUX4L19 unprocessε chrY	11332329	11333595	+	0	0

ENSG0000(TSPY1	protein_co	chrY	9466955	9469748	+	0	0
ENSG0000(RP11-368P	processed_	chr14	53023055	53023597	+	0	0
ENSG0000(RP11-26L1	lincRNA	chr14	86332376	86401285	+	0	0
ENSG0000(PARP1P2	processed_	chr14	63123007	63123201	+	0	0
ENSG0000(CTD-2315A	processed_	chr14	59181593	59181940	+	0	0
ENSG0000(NF1P2	unprocessε	chr15	21927657	21946641	-	0	0
ENSG0000(RP11-398E	lincRNA	chr14	44763157	44782829	-	0.73	1.17
ENSG0000(RP11-114N	antisense	chr14	81107033	81170414	-	0.35	0
ENSG0000(DOCK11P1	processed_	chr14	44860316	44866247	-	0	0
ENSG0000(RPPH1	antisense	chr14	20343048	20343685	-	0	0.18
ENSG0000(RP11-671J	lincRNA	chr14	34541740	34546329	-	0	0
ENSG0000(AE000662.	lincRNA	chr14	22556640	22559037	+	0	0
ENSG0000(RP11-8L8.2	lincRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP3-449M	lincRNA	chr14	74474007	74474864	-	0.71	1.05
ENSG0000(RP11-566K	antisense	chr16	89919827	89922662	-	0.37	0.14
ENSG0000(RP11-463J	antisense	chr14	51967003	51969800	-	0	0
ENSG0000(RP11-932A	lincRNA	chr14	57355446	57359410	+	0	0
ENSG0000(TPRX2P	unprocessε	chr19	47860113	47861512	+	0	0
ENSG0000(RP11-973N	processed_	chr14	64600243	64601644	-	0	0
ENSG0000(RP11-2C7.1	lincRNA	chr15	25865295	25877211	+	0	0
ENSG0000(MTCYBP27	processed_	chr14	84176419	84177088	+	0	0
ENSG0000(RP11-1017	processed_	chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-109N	processed_	chr14	72960595	72961993	+	0	0
ENSG0000(CTD-2335L	processed_	chr14	19908096	19908649	-	0	0
ENSG0000(RP11-561B	lincRNA	chr14	35447003	35447625	-	0.3	0
ENSG0000(RP11-124D	antisense	chr14	23356406	23357003	+	0	0
ENSG0000(EIF4BP1	transcribec	chr14	44077534	44077884	-	0	0
ENSG0000(RP11-529H	processed_	chr14	92026566	92026887	+	0	0
ENSG0000(TPRX1P1	processed_	chr10	79499666	79499984	-	0	0
ENSG0000(DNAJC8P1	processed_	chr14	35430260	35430631	+	0	0
ENSG0000(LINC00524	lincRNA	chr14	1.01E+08	1.01E+08	-	0	0
ENSG0000(TVP23C-CD	protein_co	chr17	15436021	15563561	-	5.01	3.4
ENSG0000(RP11-810K	processed_	chr15	21053004	21054702	-	0	0
ENSG0000(RP11-907D	lincRNA	chr14	97110416	97119247	-	0	0
ENSG0000(RP11-325D	lincRNA	chr14	87568181	87569399	+	0	0
ENSG0000(DUX4L18	unprocessε	chrY	11321557	11322823	+	0	0
ENSG0000(FPGT-TNNI	protein_co	chr1	74198235	74543982	+	1.18	4.95
ENSG0000(CTD-2062F	lincRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(ENSAP2	processed_	chr14	82692704	82693055	-	0	0
ENSG0000(RP11-718G	lincRNA	chr14	70275296	70291859	+	0	0
ENSG0000(RP11-666E	lincRNA	chr14	81741002	82030349	+	0	0
ENSG0000(RP11-404P	antisense	chr14	96233431	96234101	-	0	0
ENSG0000(RP11-614C	antisense	chr14	1.05E+08	1.05E+08	-	0	0
ENSG0000(CTD-2325P	antisense	chr14	68627166	68628445	-	0	0
ENSG0000(RP11-409I	antisense	chr14	57578632	57581320	+	0	0

ENSG0000(BLOC1S5-T protein_co chr6	7881522	8064364	-	0.61	0
ENSG0000(RP11-167B lincRNA chr15	98282075	98285907	+	0	0
ENSG0000(AE000661. lincRNA chr14	22417836	22418657	+	0	0
ENSG0000(BRD7P1 processed_chr14	23749236	23751150	+	0	0
ENSG0000(RP11-789A lincRNA chr14	85202849	85239474	-	0	0
ENSG0000(MTCO1P2 unprocessε chr14	32484098	32484800	-	0	0
ENSG0000(RP11-857B processed_chr14	44888556	44889041	-	0	0
ENSG0000(RP11-160I processed_chr14	42989201	42989483	+	0	0
ENSG0000(CTD-2058B antisense chr14	38034287	38194281	-	0	0.18
ENSG0000(RP11-589N antisense chr14	52775237	52777740	+	0.14	0.23
ENSG0000(CHORDC2P processed_chr14	89736965	89738391	-	0	0
ENSG0000(HNRNPUP1 processed_chr14	43300263	43300595	+	0	0
ENSG0000(AL157871. sense_ovei chr14	1E+08	1E+08	-	0	0
ENSG0000(RP11-33N1 processed_chr14	89412312	89954659	-	0	0
ENSG0000(AE000662. lincRNA chr14	22556311	22557062	-	0	0.25
ENSG0000(RP11-1140 antisense chr14	51088957	51091288	+	0	0
ENSG0000(DUXAP1 transcribed chr2	84750769	84751231	+	0	0
ENSG0000(CTD-2343P processed_chr15	91742841	91743955	-	0	0
ENSG0000(RP11-488C lincRNA chr14	76921840	76924649	-	0	0
ENSG0000(PEBP1P1 processed_chr14	96423700	96424209	-	0	0
ENSG0000(RP11-14J7. protein_co chr14	20582892	20609795	-	0	0
ENSG0000(RP11-736P lincRNA chr14	86936640	86989125	+	0	0
ENSG0000(ACTN1-AS1 antisense chr14	68979682	68987463	+	0	0
ENSG0000(RP11-386M processed_chr15	92627073	92627414	+	0	0
ENSG0000(RP5-1021I2 antisense chr14	73787360	73803270	+	1.57	2.08
ENSG0000(RP11-371E protein_co chr14	93184973	93218586	+	0	0
ENSG0000(CTD-3051D lincRNA chr14	1.05E+08	1.05E+08	+	0	0
ENSG0000(TRAV37 TR_V_pseu chr14	22265749	22266264	+	0	0
ENSG0000(RP11-597A lincRNA chr14	19677644	19679016	-	0	0
ENSG0000(LINC00639 lincRNA chr14	38749339	38948273	-	0.24	0.02
ENSG0000(RP11-247L. lincRNA chr14	50326526	50327909	-	0.18	0
ENSG0000(RP11-96D2 lincRNA chr14	38290953	38311930	+	0	0
ENSG0000(FOXN3-AS2 antisense chr14	89576216	89577477	+	0	0
ENSG0000(PSMB7P1 unitary_psi chr14	20149232	20149745	+	0	0
ENSG0000(POC1B-GAI protein_co chr12	89519408	89526262	-	0.22	0.15
ENSG0000(RP11-973N antisense chr14	64552694	64596536	-	0	0
ENSG0000(RP11-804L. lincRNA chr14	87810982	87838339	+	0	0
ENSG0000(PTBP1P1 processed_chr14	65279267	65281166	+	0.21	0.31
ENSG0000(RP1-261D1 processed_chr14	71330342	71330738	-	0	0
ENSG0000(RP11-158I1 processed_chr2	27583046	27635174	+	0.16	0.76
ENSG0000(RP11-488C antisense chr14	76774284	76781518	-	0.09	0.62
ENSG0000(RP11-168L. lincRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-407N antisense chr14	39174885	39175880	-	0	0
ENSG0000(RP11-1070 processed_chr14	95663256	95692630	+	0	0.05
ENSG0000(RP11-134E processed_chr14	32271857	32272301	-	0	0

ENSG0000(RP11-356C lincRNA chr14	37556158	37567095	-	0.29	0.18
ENSG0000(CTD-2017C antisense chr14	1.02E+08	1.02E+08	-	0.18	0
ENSG0000(GRAMD4P1 unprocessed chr15	20813299	20814958	+	0	0
ENSG0000(SEPT7P1 processed_chr14	35157904	35159099	-	0	0
ENSG0000(LINC00517 antisense chr14	37896060	37902372	-	0	0
ENSG0000(TRAV30 TR_V_gene chr14	22168429	22168988	+	0	0
ENSG0000(RP11-1112 lincRNA chr14	63123033	63128214	-	0	0
ENSG0000(RP11-77A1 antisense chr2	1.19E+08	1.19E+08	-	0	0
ENSG0000(GTF2IP22 processed_chr14	20173632	20173813	-	0	0
ENSG0000(FAM35CP processed_chr14	87952527	87955203	+	0.02	0
ENSG0000(RP11-6101 lincRNA chr14	98068240	98205143	-	0	0
ENSG0000(RP11-603B processed_chr15	22258138	22258848	+	2.6	4.08
ENSG0000(RP11-348N processed_chr12	56380361	56382711	-	0	0
ENSG0000(RP11-1074 processed_chr14	39385404	39387102	-	0	0
ENSG0000(SMARCE1P processed_chr14	21162513	21163743	+	0	0
ENSG0000(RP11-270N antisense chr14	75814502	75847698	-	0	0
ENSG0000(PTCSC3 lincRNA chr14	36136108	36176468	-	0.5	0
ENSG0000(RPS3AP4 processed_chr14	35468272	35469330	+	0	0
ENSG0000(RP11-242P antisense chr14	79611418	79633311	-	0	0
ENSG0000(LINC00911 lincRNA chr14	85393879	85420074	+	0	0
ENSG0000(LINC01595 lincRNA chr19	47863483	47865341	-	0	0
ENSG0000(RP4-687K1 processed_chr14	73189763	73190004	+	0	0
ENSG0000(RP11-359N lincRNA chr14	97154857	97158736	+	0	0
ENSG0000(RP11-280K lincRNA chr14	51750560	51763114	+	0.18	0
ENSG0000(NDUFC2-K1 protein_co chr11	78016971	78079865	-	0.58	0.66
ENSG0000(RP11-406H lincRNA chr14	50448807	50456742	+	0	0
ENSG0000(CTD-2540L lincRNA chr14	70593314	70641204	-	0	0
ENSG0000(RP11-973N antisense chr14	64514154	64540368	-	0	0
ENSG0000(RP11-476J1 processed_chr14	47801926	47802201	-	0	0
ENSG0000(RP11-840I1 antisense chr14	65082034	65094212	+	0	0
ENSG0000(RP11-1127 lincRNA chr14	98925137	98927805	-	0	0
ENSG0000(SMIM6 protein_co chr17	75646243	75647977	+	0	0
ENSG0000(RP11-545N processed_chr14	39090901	39091101	+	0	0
ENSG0000(TVP23BP1 unprocessed chr15	26964917	26970385	+	0	0
ENSG0000(RP11-76E1 lincRNA chr15	93837611	93852981	-	0	0
ENSG0000(RP11-187C lincRNA chr14	76495363	76726712	-	0	0
ENSG0000(LRP1-AS antisense chr12	57144620	57147619	-	0	0.12
ENSG0000(RP11-99L1 lincRNA chr14	44392531	44393716	-	0	1.04
ENSG0000(LINC00648 lincRNA chr14	47764954	47795092	-	0	0
ENSG0000(RP11-219E lincRNA chr14	20870278	20873592	-	0	0
ENSG0000(RP11-298I1 protein_co chr14	22946270	22982258	-	0	2.68
ENSG0000(RP11-1085 antisense chr14	56648965	56730535	-	0.1	0.3
ENSG0000(LINC00924 lincRNA chr15	95433095	95507847	+	0.18	0.16
ENSG0000(RP11-671J1 antisense chr14	34556774	34561298	+	0	0
ENSG0000(RP11-108N processed_chr14	57044646	57044960	-	0	0

ENSG0000(RP11-305B processed_ chr14	44120210	44120761	-	0	0
ENSG0000(RP11-950C antisense_ chr14	75127153	75136930	+	0	0
ENSG0000(RP11-986E processed_ chr14	94674877	94675829	-	0	0
ENSG0000(LINC00644 lincRNA_ chr14	62134149	62139973	-	0	0
ENSG0000(CTD-2240H sense_ovei chr14	95185117	95185854	-	0	0.15
ENSG0000(RANBP20P processed_ chr14	20720742	20723127	-	0	0
ENSG0000(RP1-261D1 antisense_ chr14	71292729	71321814	-	1.21	0.99
ENSG0000(RP11-322L processed_ chr14	44290997	44291718	-	0	0
ENSG0000(RP11-313C lincRNA_ chr14	42259731	42268586	-	0	0
ENSG0000(LINC00929 lincRNA_ chr15	26115813	26133037	+	0	0
ENSG0000(CAP2P1 transcribed chr14	89290205	89291594	-	0	0
ENSG0000(RP11-100N sense_intr(chr15	27422381	27428338	+	0	0
ENSG0000(RP6-65G23 lincRNA_ chr14	70810205	70815403	+	0	0
ENSG0000(DUX4L17 unprocess(chrY	11314921	11316187	+	0	0
ENSG0000(RP11-831F processed_ chr14	49677369	49677893	+	0	0
ENSG0000(CHEK2P2 transcribed chr15	20282744	20291586	+	0.1	0
ENSG0000(RP11-280K unprocess(chr14	51787461	51787743	+	0	0
ENSG0000(ADAM20P1 transcribed chr14	70468881	70483756	-	0.07	0.03
ENSG0000(RP11-973N processed_ chr14	64535702	64535879	-	0	0
ENSG0000(CTD-2017C processed_ chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-203N transcribed chr14	20437982	20441268	+	0	0
ENSG0000(RP11-1078 antisense_ chr14	90642638	90648894	+	0	0
ENSG0000(RP11-463C protein_co chr14	77098311	77225462	+	0	0
ENSG0000(DDX18P1 processed_ chr14	69083398	69085389	+	0	0
ENSG0000(RP11-1029 lincRNA_ chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(NMNAT1P: processed_ chr14	81032529	81033404	+	0	0
ENSG0000(RP11-100N antisense_ chr15	27483035	27541991	-	0	0
ENSG0000(GNRHR2P1 unprocess(chr14	60398934	60400013	-	0	0
ENSG0000(RP11-763K lincRNA_ chr15	92470233	92471546	-	0	0
ENSG0000(RP11-903H protein_co chr14	20684587	20700576	+	24.09	24.29
ENSG0000(RP11-299G antisense_ chr15	1.01E+08	1.01E+08	+	0.06	0.09
ENSG0000(RP11-30K9 processed_ chr15	58755625	58756247	-	0	0
ENSG0000(RP11-379K antisense_ chr15	80554609	80562944	-	0.03	0.09
ENSG0000(RP11-154B antisense_ chr15	90393490	90397881	-	0	0
ENSG0000(CTD-2184D lincRNA_ chr15	52082302	52086574	+	0	0
ENSG0000(UBE2CP4 processed_ chr15	31420128	31420662	+	0	0
ENSG0000(RP11-420N antisense_ chr15	55680385	55681463	+	0	0
ENSG0000(RP11-463I2 lincRNA_ chr15	34993646	35003221	+	0	0
ENSG0000(RP11-424I1 lincRNA_ chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(MED28P6 processed_ chr15	88143935	88144165	-	0	0
ENSG0000(RP11-56B1 antisense_ chr15	51908902	51909642	-	0	0
ENSG0000(MRPS15P1 processed_ chr15	73483196	73483943	-	0	0
ENSG0000(CTD-2008A lincRNA_ chr15	44826540	44827094	+	0	0
ENSG0000(CTD-2647E antisense_ chr15	49879604	49883525	+	0	0.16
ENSG0000(RP11-253N processed_ chr15	69434466	69435120	-	0	0

ENSG0000(AC109631. processed_ chr15	38458760	38459540	-	0	0
ENSG0000(RP11-108K sense_intr chr15	51367377	51369110	+	0	0
ENSG0000(RP11-158N processed_ chr15	85770990	85771163	+	0	0
ENSG0000(HMBOX1-1' sense_intr chr8	28949676	28955955	+	0	0
ENSG0000(RP11-133K lincRNA chr15	40312615	40316634	+	0.05	0.15
ENSG0000(CTD-2544N lincRNA chr15	98046667	98293177	-	0	0
ENSG0000(RP11-718C lincRNA chr15	45705078	45931069	+	0	0
ENSG0000(RP11-56B1 antisense chr15	51887560	51901123	-	0	0
ENSG0000(RP11-342N antisense chr15	67142734	67146939	-	0	0
ENSG0000(RP11-209K lincRNA chr15	52801614	52804942	-	0	0
ENSG0000(RP11-394B sense_intr chr15	51064609	51069586	-	0	0
ENSG0000(PRKXP1 processed_ chr15	1.01E+08	1.01E+08	-	0.11	0.29
ENSG0000(ITGB3 protein_co chr17	47253846	47311816	+	3.11	2.31
ENSG0000(RP11-621H processed_ chr15	79668342	79668816	-	0	0
ENSG0000(RP5-991G2 antisense chr16	72805998	72809872	+	0	0
ENSG0000(RP11-64K1 antisense chr15	40464193	40466726	-	0	0
ENSG0000(CTD-3065B antisense chr15	90595840	90596447	-	0	0
ENSG0000(CTD-2071N antisense chr15	77787193	77788674	+	0	0
ENSG0000(RP11-810K processed_ chr15	20826454	20826640	-	0	0
ENSG0000(RP11-253N lincRNA chr15	69458522	69461806	-	0	0
ENSG0000(RP11-227D processed_ chr15	48725338	48725827	+	0	0
ENSG0000(RP11-702N unprocess chr15	35774801	35774950	+	0	0
ENSG0000(LINC00928 lincRNA chr15	89505277	89524034	-	0	0
ENSG0000(CTD-3076C antisense chr15	99976481	99980774	+	0.02	0
ENSG0000(CTD-2050N antisense chr15	47359430	47396732	-	0.05	0.12
ENSG0000(RP11-809H lincRNA chr15	69080879	69099987	+	0	0
ENSG0000(RP11-82L7. lincRNA chr15	60073554	60118320	-	0	0
ENSG0000(SLC35G6 protein_co chr17	7481332	7483496	+	0	0
ENSG0000(RP11-1008 lincRNA chr15	37984766	38062340	+	0	0
ENSG0000(RP11-64K1 processed_ chr15	70602124	70602516	+	0	0
ENSG0000(HNRNPA1F processed_ chr15	99284625	99285576	-	0	0
ENSG0000(RP11-38G5 processed_ chr15	79758549	79758762	-	0	0
ENSG0000(CTD-2555C lincRNA chr14	1.03E+08	1.03E+08	+	0.14	0.27
ENSG0000(CTD-2014N processed_ chr15	44919376	44920820	+	0	0
ENSG0000(RP11-349G processed_ chr15	65475318	65475614	-	0.36	0.8
ENSG0000(ANKRD34C lincRNA chr15	79191707	79283945	-	0	0
ENSG0000(RP11-605F lincRNA chr15	48189037	48191691	-	0	0
ENSG0000(GOLGA8VP unprocess chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-209E lincRNA chr15	53116365	53129698	+	0	0
ENSG0000(RP11-361D antisense chr15	59688517	59689418	+	1.47	0
ENSG0000(RP11-521C processed_ chr15	40133768	40135214	-	0	0
ENSG0000(RP11-108K lincRNA chr15	51037488	51293912	+	0.13	0
ENSG0000(RP11-313P lincRNA chr15	51693216	51695765	-	0	0
ENSG0000(AC002306. antisense chr19	19606350	19608660	+	0	0
ENSG0000(RP11-182J: processed_ chr15	84513241	84526949	-	4.58	6.49

ENSG00000184480	RP11-684B lincRNA	chr15	36046082	36049529	+	0	0
ENSG00000184481	HMG2P4 processed	chr15	67000814	67001085	-	0	0
ENSG00000184482	TTY25P unprocessed	chrY	22330452	22332500	+	0	0
ENSG00000184483	USP3-AS1 antisense	chr15	63544247	63601589	-	0	0.12
ENSG00000184484	RP11-50C1 antisense	chr15	58587507	58591676	+	0	0
ENSG00000184485	RP11-643M antisense	chr15	62060503	62062434	+	0.1	0.46
ENSG00000184486	AC011648. lincRNA	chr15	70195638	70198509	-	0	0
ENSG00000184487	CTD-2339L sense_intron	chr15	40642933	40646857	+	0	0
ENSG00000184488	RP11-627D lincRNA	chr15	46693288	46804844	+	0	0
ENSG00000184489	LINC01895 lincRNA	chr18	3347776	3350559	-	0	0
ENSG00000184490	RP11-616M processed	chr15	99337857	99338481	+	0	0
ENSG00000184491	RP11-325L processed	chr15	65105534	65105800	+	0	0
ENSG00000184492	NPM1P42 processed	chr15	72899399	72900260	-	0	0
ENSG00000184493	IGHV4OR1 IG_V_gene	chr15	22184967	22185402	-	0	0
ENSG00000184494	NDUFA3P4 processed	chr15	90385814	90386063	+	0	0
ENSG00000184495	RP11-809H antisense	chr15	69037549	69043565	-	0	0
ENSG00000184496	RP11-183E processed	chr15	98118171	98118320	+	0	0
ENSG00000184497	RP11-432J lincRNA	chr10	70939053	70955641	+	0	0
ENSG00000184498	AC007950. lincRNA	chr15	63456294	63469351	-	0	0
ENSG00000184499	RP11-624L lincRNA	chr15	39472703	39481206	+	0	0
ENSG00000184500	RP11-561C processed	chr15	85178628	85178806	-	0	0
ENSG00000184501	ANKRD62P transcribed	chr22	16671090	16679493	-	0	0
ENSG00000184502	RP11-493E processed	chr15	89936492	89937005	+	0	0
ENSG00000184503	CTD-2501E antisense	chr15	60529973	60545159	+	0.37	0
ENSG00000184504	RP11-522B lincRNA	chr15	96354237	96403803	+	0.56	0.38
ENSG00000184505	RP11-815J antisense	chr15	85621264	85627689	-	0	0
ENSG00000184506	RP13-126C antisense	chr15	28970196	28977464	-	0	0
ENSG00000184507	RP11-62C7 lincRNA	chr15	39019233	39024918	+	0	0
ENSG00000184508	CTD-2033D antisense	chr15	39593580	39594231	-	0	0
ENSG00000184509	RP11-122D processed	chr15	36876379	36887035	-	0	0
ENSG00000184510	LINGO1-AS antisense	chr15	77660052	77668074	+	0	0
ENSG00000184511	SPATA8-AS antisense	chr15	96772005	96783312	-	0	0
ENSG00000184512	RP11-26L2 antisense	chr16	55259969	55333588	-	0	0
ENSG00000184513	RP11-162I lincRNA	chr15	61729850	61731389	+	0	0
ENSG00000184514	CTD-2330J antisense	chr15	58065225	58071043	+	0	0
ENSG00000184515	RP11-696L processed	chr15	68833830	68834749	+	0	0
ENSG00000184516	RP11-3D4. antisense	chr15	33858602	33864825	-	0.51	0.84
ENSG00000184517	BUB1B-PAI protein_coding	chr15	40217428	40276396	+	0	0
ENSG00000184518	LINC02206 lincRNA	chr15	66931537	66956518	-	0	0
ENSG00000184519	RP11-687N sense_intron	chr11	1.25E+08	1.25E+08	+	0	0
ENSG00000184520	RP11-617F antisense	chr15	90074512	90082207	-	1	1.28
ENSG00000184521	LIPC-AS1 antisense	chr15	58434890	58498735	-	0	0
ENSG00000184522	CTA-339C1 antisense	chr7	1.02E+08	1.02E+08	-	0	0
ENSG00000184523	CSPG4P12 transcribed	chr15	85191438	85213905	+	1.8	2.06
ENSG00000184524	RP11-313P antisense	chr15	51707995	51715220	-	0	0

ENSG0000(RP11-562A antisense)	chr15	50497195	50498744	-	0	0.22
ENSG0000(RP11-37J1: processed)	chr15	29233673	29235137	-	0	0
ENSG0000(TUBBP8 processed)	chr15	29612570	29614274	+	0	0
ENSG0000(RP11-643A processed)	chr15	53837271	53837560	-	0	0
ENSG0000(RP11-182J: unprocessε)	chr15	84505463	84505495	+	0	0
ENSG0000(IGHV2OR1: IG_V_gene)	chr16	32847713	32848156	+	0	0
ENSG0000(CTD-2014N processed)	chr15	44970035	44971178	-	0	0
ENSG0000(ZHX1-C8or: protein_co)	chr8	1.23E+08	1.23E+08	-	0.28	0.29
ENSG0000(RP11-108K lincRNA)	chr15	51315841	51321996	+	0	0
ENSG0000(PLCB2-AS1 antisense)	chr15	40300670	40301820	+	0	0
ENSG0000(RP11-382A processed)	chr15	83044368	83044771	+	0	0
ENSG0000(RP11-19J5. lincRNA)	chr15	69820756	69822856	-	0	0
ENSG0000(RP11-522B lincRNA)	chr15	96438570	96444266	+	0	0
ENSG0000(CTD-3065B antisense)	chr15	90604225	90614558	-	0	0
ENSG0000(ACTG1P17 transcribed)	chr15	82725873	82738904	-	0.25	0.26
ENSG0000(CTD-2116N protein_co)	chr15	64181180	64381510	-	0.28	0
ENSG0000(RP11-561C unprocessε)	chr15	85272527	85272974	+	0	0
ENSG0000(RP11-454L: processed)	chr14	55394940	55395233	-	0.74	2.45
ENSG0000(RP11-293N antisense)	chr14	75423683	75427741	-	0.24	0.25
ENSG0000(RP11-183E lincRNA)	chr15	98122563	98131607	-	0	0
ENSG0000(RP11-468E lincRNA)	chr14	24139445	24140444	+	0.09	0.29
ENSG0000(RP11-762H antisense)	chr15	78293286	78296049	+	0	0
ENSG0000(OR11K1P unprocessε)	chr15	22030931	22031834	-	0	0
ENSG0000(RP11-102L antisense)	chr15	38502853	38504981	+	0.03	0.06
ENSG0000(CTD-2184D lincRNA)	chr15	52116574	52122131	+	0.07	0
ENSG0000(INAFM2 protein_co)	chr15	40323664	40326715	+	4.76	4.6
ENSG0000(RP11-57P1 lincRNA)	chr15	94600014	94600821	+	0	0
ENSG0000(ST20-MTHI protein_co)	chr15	79845150	79923754	-	1.17	1.72
ENSG0000(RP11-630H unprocessε)	chr17	63900643	63900879	+	0	0
ENSG0000(LINC00596 lincRNA)	chr14	23922247	23934568	-	0.04	0
ENSG0000(HNRNPMP processed)	chr15	44447577	44449344	-	0.03	0
ENSG0000(RP11-323I: lincRNA)	chr15	35099022	35169698	-	0	0
ENSG0000(IGHV1OR1: IG_V_pseu)	chr15	19972782	19973218	-	0	0
ENSG0000(CTD-2651B processed)	chr15	45215547	45215943	+	0	0
ENSG0000(TGIF1P1 processed)	chr19	46136746	46137547	-	0	0
ENSG0000(CTD-2027C processed)	chr15	96551381	96551517	+	0	0
ENSG0000(RP11-20G1 lincRNA)	chr15	99427009	99431028	-	0	0
ENSG0000(RP11-519G antisense)	chr15	45430652	45441808	-	0.77	2.18
ENSG0000(TMC3-AS1 antisense)	chr15	81324377	81362037	+	4.09	4.76
ENSG0000(RP11-624L. lincRNA)	chr15	38865322	39427195	-	0.46	0.53
ENSG0000(RP11-349G processed)	chr15	65301922	65302311	+	0	0
ENSG0000(RP11-798K antisense)	chr15	66984108	67065268	-	0	0
ENSG0000(RP11-4G2.: lincRNA)	chr15	96028089	96046930	-	0	0
ENSG0000(RP11-15E1 antisense)	chr17	60526293	60550798	+	0.13	0.14
ENSG0000(RP11-63A2 processed)	chr15	88952683	88953460	+	0	0

ENSG0000(RP11-111E antisense)	chr15	63928274	63935953	+	0	0
ENSG0000(RP11-109D antisense)	chr15	45073492	45074048	-	0	0
ENSG0000(RP11-30K9 antisense)	chr15	58856831	58865063	-	0.35	0.77
ENSG0000(RP11-519G antisense)	chr15	45448427	45513767	+	0.09	0
ENSG0000(RP11-90E5 antisense)	chr15	1E+08	1E+08	+	0	0
ENSG0000(RP11-316M antisense)	chr1	1.51E+08	1.51E+08	+	0	0.24
ENSG0000(RP11-456J processed)	chr15	31765743	31768201	-	0	0
ENSG0000(RP11-327J lincRNA)	chr15	96171581	96174339	+	0	0
ENSG0000(RP11-142J antisense)	chr15	47397501	47399554	-	0	0
ENSG0000(LINC00927 lincRNA)	chr15	80263068	80341805	-	0	0
ENSG0000(RP11-307C lincRNA)	chr15	77525540	77534110	+	0.03	0.05
ENSG0000(CTD-2054N lincRNA)	chr15	99807023	99877148	+	4.48	3.13
ENSG0000(RP11-64K1 antisense)	chr15	40453444	40454639	-	0	0
ENSG0000(RP11-424I lincRNA)	chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(CTD-2647L sense_intr)	chr8	29055935	29056685	+	2.74	2.01
ENSG0000(RP11-815J antisense)	chr15	85619623	85670948	-	0	0
ENSG0000(RP11-64K1 antisense)	chr15	40368925	40369640	-	0	0
ENSG0000(RP11-291H processed)	chr15	55746639	55746767	+	0	0
ENSG0000(RP11-1069 antisense)	chr15	62827675	62884034	-	0.01	0.05
ENSG0000(RP11-468E protein_co)	chr14	24120956	24131829	+	0	0.1
ENSG0000(CTD-2240J lincRNA)	chr15	81410517	81419127	+	0.59	0.42
ENSG0000(NDUFB4P1 transcribec)	chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-815J antisense)	chr15	85579046	85580178	-	0	0.07
ENSG0000(RP11-505E antisense)	chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(CTD-2308G sense_intr)	chr15	51752485	51756475	+	0	0
ENSG0000(DCAF13P3 processed)	chr15	50944663	50945996	+	0.09	0.05
ENSG0000(MTND5P3 processed)	chr15	58152606	58154407	+	0	0
ENSG0000(RP11-346D lincRNA)	chr15	38139595	38226887	-	4.56	3.96
ENSG0000(RP11-192N processed)	chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-403B lincRNA)	chr15	20759311	20774794	-	0	0
ENSG0000(GH1 protein_co)	chr17	63917200	63918838	-	0	0
ENSG0000(RP11-605F antisense)	chr15	48192191	48201684	-	0	0
ENSG0000(CTD-2647E processed)	chr15	49794246	49796097	+	0	0
ENSG0000(H3F3AP1 processed)	chr15	39951375	39951708	-	0	0
ENSG0000(RP11-27M lincRNA)	chr15	39512404	39519854	-	0	0
ENSG0000(RP11-758N transcribec)	chr15	32836983	32837326	-	0	0
ENSG0000(RP11-313H processed)	chr15	58967046	58967808	-	0	0
ENSG0000(RP11-244F processed)	chr15	62953173	62954124	+	0	0
ENSG0000(RP11-475A lincRNA)	chr15	36341739	36344166	+	0.02	0
ENSG0000(RP11-1609 sense_intr)	chr15	41343080	41344225	+	0	0
ENSG0000(RP11-323I processed)	chr15	35092481	35093210	+	0	0
ENSG0000(RP11-430B sense_intr)	chr15	52033707	52035625	+	0	0
ENSG0000(TGIF2-C20 protein_co)	chr20	36574553	36612384	+	1.27	0
ENSG0000(RP11-30K9 sense_intr)	chr15	58815272	58817728	+	0	0
ENSG0000(RP11-315L lincRNA)	chr15	97272177	97319288	-	0	0

ENSG0000(EFTUD1P1 transcribed chr15	84080168	84126604	+	0	0
ENSG0000(ISCA1P4 processed_ chr15	40948736	40948869	-	0	0
ENSG0000(RP11-158M antisense chr15	85744109	85750281	-	0	0
ENSG0000(RP11-3D4L antisense chr15	33851785	33856809	-	0.51	0.42
ENSG0000(RP11-521C antisense chr15	40088832	40089386	+	0	0
ENSG0000(RP11-34F1 processed_ chr15	67832725	67873866	+	0	0.3
ENSG0000(HNRNPA1F processed_ chr15	35400691	35401768	+	0	0
ENSG0000(RP11-5O23 processed_ chr15	78382573	78383155	+	0	0
ENSG0000(HERC2P7 unprocessed_ chr15	23289303	23293667	-	0	0
ENSG0000(RP11-7M1 sense_intronic chr15	84753122	84754502	+	0	0
ENSG0000(RP11-158M antisense chr15	85754941	85756237	-	0	0
ENSG0000(LINC01314 protein_coding chr15	80195484	80252213	-	0	0
ENSG0000(RP11-109D antisense chr15	45041716	45058707	-	0	0
ENSG0000(HNRNPCP3 processed_ chr15	79236332	79237206	+	0	0
ENSG0000(RP11-307C lincRNA chr15	77568970	77608888	+	0.07	0.08
ENSG0000(CTA-150C2 unprocessed_ chr22	39070414	39070671	+	0	0
ENSG0000(RP11-593F antisense chr15	76174891	76181486	-	0	0.03
ENSG0000(RP11-265N lincRNA chr15	39167739	39180048	+	0.1	0.1
ENSG0000(RP11-35O1 antisense chr15	98646951	98647371	-	0	0
ENSG0000(RP11-566K transcribed chr15	22770523	22776199	-	0	0
ENSG0000(RP11-253M antisense chr15	69396904	69415029	-	1.32	0.62
ENSG0000(DPPA5P2 transcribed chr15	45566776	45567074	+	0	0
ENSG0000(HMGB3P2 processed_ chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(UBE2Q2P2 transcribed chr15	82355142	82420075	+	2.45	1.58
ENSG0000(CERS3-AS1 antisense chr15	1E+08	1E+08	+	0	0
ENSG0000(THTPA protein_coding chr14	23555988	23560271	+	10.34	9.16
ENSG0000(RP11-37C7 sense_intronic chr15	39813223	39815429	-	0	0
ENSG0000(CTD-2651B processed_ chr15	45330209	45332634	-	0	0
ENSG0000(RP11-720L lincRNA chr15	37365027	37490808	-	0	0
ENSG0000(OR4N3P unprocessed_ chr15	22125618	22126435	+	0	0
ENSG0000(CTC-378H2 antisense chr19	42152569	42157523	+	0.4	0.25
ENSG0000(RP11-798K lincRNA chr15	66919811	66931755	+	0	0
ENSG0000(CTD-2650P lincRNA chr15	52010999	52019095	-	0	0.08
ENSG0000(LINC01833 lincRNA chr2	44921077	44939199	-	0	0
ENSG0000(NPM1P43 processed_ chr15	73161779	73162928	-	0	0
ENSG0000(MRPL15P1 processed_ chr15	89752296	89753493	+	0	0
ENSG0000(RP11-752G antisense chr15	82744223	82750289	+	0	0
ENSG0000(RP11-403B lincRNA chr15	20773084	20774871	+	0	0
ENSG0000(RP11-736N sense_intronic chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-276M lincRNA chr15	81953303	81995666	-	0.69	0.31
ENSG0000(RP11-489D antisense chr15	33303657	33310659	-	0	0
ENSG0000(RP11-462P lincRNA chr15	39300418	39310782	-	0	0
ENSG0000(RP11-16E1 lincRNA chr15	31216020	31224445	+	0.04	0.23
ENSG0000(NIFKP8 processed_ chr15	85181210	85182083	-	0	0
ENSG0000(RP11-265N lincRNA chr15	39188438	39194309	-	0.03	0.03

ENSG0000(RP11-138H)processed_chr15	70791013	70791486	+	0	0
ENSG0000(RP11-815J)sense_intrchr15	85701109	85702771	+	0	0
ENSG0000(WBP1LP5)processed_chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(ADNP-AS1)antisense_chr20	50930984	50945134	+	0.83	0.54
ENSG0000(RP11-279F)lincRNA_chr15	69564724	69565790	-	0	0
ENSG0000(MGC15885)antisense_chr15	62637172	62645291	-	0	0
ENSG0000(RP11-321G)lincRNA_chr15	63390136	63438320	+	0.3	0.12
ENSG0000(RP11-128A)antisense_chr15	37099339	37100173	+	0.34	0.37
ENSG0000(ANP32BP3)processed_chr15	81117635	81118340	-	0	0
ENSG0000(CPEB1-AS1)antisense_chr15	82647770	82692820	+	0.31	0.46
ENSG0000(RP11-540C)antisense_chr15	41011597	41013300	+	0	0
ENSG0000(SNRPCP18)processed_chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(AHCYP7)processed_chr15	50417385	50418692	+	0	0
ENSG0000(NPM1P47)processed_chr15	62082450	62083305	-	0	0
ENSG0000(NDUFAF4P)processed_chr15	49156329	49156847	+	0	0
ENSG0000(RP11-1084)antisense_chr15	34255286	34257832	+	0	0
ENSG0000(RP11-227D)lincRNA_chr15	48729080	48729844	-	0	0
ENSG0000(KRT8P9)processed_chr15	70858714	70860162	+	0	0
ENSG0000(LINC01169)lincRNA_chr15	66582190	66685794	+	0.76	0.67
ENSG0000(LINC02205)lincRNA_chr15	70503907	70505928	-	0	0
ENSG0000(RP11-650L)antisense_chr15	78480057	78481820	-	0	0
ENSG0000(RP11-654A)antisense_chr15	98954149	99105824	-	0	0
ENSG0000(RP11-50C1)sense_intrchr15	58521311	58523371	+	0	0
ENSG0000(RP11-86K2)processed_chr15	57979716	57980646	-	0	0
ENSG0000(RP11-753A)lincRNA_chr15	97982509	97991142	-	0	0
ENSG0000(SORD2P)transcribedchr15	44825747	44884694	-	2.02	2.5
ENSG0000(RP11-39M)antisense_chr15	61181249	61195938	+	0	0
ENSG0000(RORA-AS2)antisense_chr15	60681569	60686888	+	0	0
ENSG0000(RP11-930C)lincRNA_chr14	56303490	56310761	-	0	0
ENSG0000(CTD-2147F)lincRNA_chr15	97295881	97432094	+	0.28	0.83
ENSG0000(RP11-154J)antisense_chr15	48312353	48331856	-	0.39	0.28
ENSG0000(KRT18P47)processed_chr15	88960070	88961046	+	0	0
ENSG0000(IGHV3OR1)IG_V_genechr15	19987656	19988117	-	0	0
ENSG0000(RP11-621H)processed_chr15	79559256	79560304	-	0	0
ENSG0000(MRPL46)protein_cochr15	88459476	88467419	-	7.63	8.85
ENSG0000(RP11-210M)lincRNA_chr15	80344853	80403575	-	0.02	0.03
ENSG0000(RP11-19J5)processed_chr15	69803316	69804046	-	0	0
ENSG0000(RP11-244F)antisense_chr15	63046034	63049387	-	0.12	0.05
ENSG0000(RP11-616K)lincRNA_chr15	44387320	44390451	-	0	0
ENSG0000(KRT8P24)processed_chr15	48971803	48973361	+	0	0
ENSG0000(RP11-643G)processed_chr14	67610986	67613864	+	0	0
ENSG0000(RP11-543G)lincRNA_chr15	70321576	70326742	+	0	0
ENSG0000(RP11-352D)lincRNA_chr15	69278675	69295322	+	0	0
ENSG0000(RP11-74D7)processed_chr15	33990686	33992048	+	0	0
ENSG0000(RP11-719C)processed_chr15	98466840	98467412	+	0	0

ENSG0000(RP11-661D lincRNA chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-627D processed_ch15	46827526	46827958	+	0	0
ENSG0000(UBE2Q2L protein_co chr15	84172490	84182234	+	1.41	1.28
ENSG0000(HNRNPA1P processed_ch15	67627852	67629135	+	0	0.14
ENSG0000(CYCSP38 transcribec chr15	60558080	60558401	+	0	0
ENSG0000(RP11-685G antisense chr15	76339609	76342063	-	0	0
ENSG0000(RP11-365N antisense chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(ANP32AP1 transcribec chr15	35181799	35238197	+	0	0
ENSG0000(LINC02169 lincRNA chr16	54245618	54270746	-	0	0
ENSG0000(LINC01583 lincRNA chr15	82088594	82097694	+	0.17	0.15
ENSG0000(RP11-519G antisense chr15	45170344	45199958	+	0	0.41
ENSG0000(CTD-2651B antisense chr15	45251580	45279251	-	0.27	0.1
ENSG0000(RP11-540C antisense chr15	41016807	41027893	+	0	0
ENSG0000(RP11-468E protein_co chr14	24180395	24190416	-	0.48	0.18
ENSG0000(RP11-680F antisense chr15	29822631	29824081	+	0.49	0.47
ENSG0000(GCSHP2 processed_ch14	1.03E+08	1.03E+08	+	0	0
ENSG0000(LINC00052 lincRNA chr15	87576929	87579866	+	0	0
ENSG0000(RP11-272D antisense chr15	73255334	73256109	-	0	0
ENSG0000(RP11-468E protein_co chr14	24151218	24167402	+	0.66	0.4
ENSG0000(RP11-259A lincRNA chr15	61598514	61605241	+	0	0
ENSG0000(RP11-295H processed_ch15	49365124	49366685	-	0	0
ENSG0000(RP11-138H lincRNA chr15	70748932	70754177	+	0	0
ENSG0000(RP11-630H unprocessε chr17	63885851	63886051	+	0	0
ENSG0000(RP11-522B lincRNA chr15	96448842	96449749	+	0	0
ENSG0000(RPL21P12 processed_ch14	1.03E+08	1.03E+08	+	0	0
ENSG0000(RP11-111A antisense chr15	40488041	40558019	+	0	0
ENSG0000(UBE2Q2P1 transcribec chr15	84412773	84421837	-	0	0
ENSG0000(CTD-2651B 3prime_ov chr15	45152664	45167526	-	1.98	1.9
ENSG0000(RP11-526I2 antisense chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-778C antisense chr11	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP11-522B lincRNA chr15	96393146	96405189	-	0	0
ENSG0000(CTD-2034I4 lincRNA chr15	81427448	81755217	+	0	0
ENSG0000(RP11-158N antisense chr15	85726115	85727227	-	0	0
ENSG0000(RP11-325E processed_ch15	49177610	49178741	-	0	0
ENSG0000(RP11-351N antisense chr15	80896190	80948867	-	0	0
ENSG0000(CYCSP2 processed_ch15	41108878	41109178	+	0	0
ENSG0000(RP11-38G5 lincRNA chr15	79832466	79833554	-	0	0.3
ENSG0000(HNRNPA1P processed_ch15	54320731	54321565	-	0	0
ENSG0000(RP11-182J lincRNA chr15	84500378	84502381	+	0.6	0.36
ENSG0000(AC140725 lincRNA chr15	1.02E+08	1.02E+08	-	0.46	0.04
ENSG0000(RP11-408J sense_intrε chr15	47274183	47275164	+	0	0
ENSG0000(RP11-335K antisense chr15	78625895	78628193	+	0.02	0.03
ENSG0000(RP11-56B1 unprocessε chr15	51919073	51930627	-	0	0
ENSG0000(HMGN1P2 processed_ch15	62362029	62362331	-	0	0
ENSG0000(MESTP2 processed_ch15	60053204	60054092	-	0	0

ENSG0000(RP11-648K lincRNA chr15	87432058	87703852	-	0	0
ENSG0000(RP11-300G sense_intronic chr15	89704665	89705415	+	0	0.19
ENSG0000(RP11-762H transcribed chr15	78290527	78291221	-	1.05	1.05
ENSG0000(CTD-2329K antisense chr15	44516650	44517483	-	0	0.5
ENSG0000(RP11-16B9 antisense chr15	61834752	61852152	+	0	0
ENSG0000(KRT8P23 processed_ chr15	76979245	76980451	-	0	0
ENSG0000(RP11-97O1 processed_ chr15	88568287	88568562	+	0	0
ENSG0000(RP11-671N unprocessed_ chr15	84394512	84395514	+	0.46	0
ENSG0000(BLID protein_coding chr11	1.22E+08	1.22E+08	-	0.15	0.08
ENSG0000(LINC01491 lincRNA chr15	47803384	47846236	-	0	0
ENSG0000(NMNAT1P1 processed_ chr15	59964942	59966084	+	0	0
ENSG0000(RP11-39M1 antisense chr15	61211913	61214231	+	0	0
ENSG0000(CERNA1 lincRNA chr15	52180093	52205874	+	0.63	0.28
ENSG0000(RP11-66B2 lincRNA chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-37C7 processed_ chr15	39770559	39801333	-	0	0
ENSG0000(TYRO3P processed_ chr15	76258986	76261690	-	0.02	0
ENSG0000(RP11-461F lincRNA chr15	97540597	97560702	-	0	0
ENSG0000(RP11-66B2 antisense chr15	1.01E+08	1.01E+08	-	1.94	1.73
ENSG0000(RP11-521C lincRNA chr15	40075204	40078704	-	0	0
ENSG0000(RBM17P4 processed_ chr15	35298249	35299440	-	0.06	0
ENSG0000(RP11-66B2 processed_ chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-463I2 lincRNA chr15	35008469	35011191	+	0	0
ENSG0000(RP11-552E antisense chr15	47603880	47606352	-	0	0
ENSG0000(RP11-317G antisense chr15	63675146	63713758	+	0	0
ENSG0000(RP11-20G1 lincRNA chr15	99395179	99396593	-	0	0
ENSG0000(RP11-554D antisense chr15	60763906	60765625	+	0	0
ENSG0000(PRELID1P4 processed_ chr15	35121573	35122084	-	0.14	0
ENSG0000(MTND5P4 processed_ chr15	46341354	46341599	+	0	0
ENSG0000(CTD-2034I1 lincRNA chr15	81554003	81696780	+	0	0
ENSG0000(RP11-516C antisense chr15	44402685	44427144	-	0	0
ENSG0000(RP11-275I4 antisense chr15	38524070	38534655	+	0	0
ENSG0000(RP11-925D processed_ chr15	58151033	58152513	+	0	0
ENSG0000(RP11-568G processed_ chr15	59871511	59873495	-	0	0.06
ENSG0000(RP11-138E antisense chr15	48938236	48948031	+	0	0
ENSG0000(CTD-2012N antisense chr5	3596211	3600188	-	0	0
ENSG0000(RP11-66B2 lincRNA chr15	1.01E+08	1.01E+08	+	0	0
ENSG0000(AC074212. processed_ chr19	45764785	45769806	+	2.4	2.6
ENSG0000(CTD-2647L antisense chr8	29067279	29068454	+	0	0
ENSG0000(RP11-23A2 processed_ chr15	85958717	85958971	-	0	0
ENSG0000(RP11-342A unprocessed_ chr15	84053113	84080097	-	0	0
ENSG0000(RP11-499F lincRNA chr15	81633887	81642190	-	0	0
ENSG0000(LINC01582 lincRNA chr15	98085627	98103712	-	0	0
ENSG0000(EEF1A1P22 processed_ chr15	52937139	52938518	-	1.68	2.04
ENSG0000(RP11-522B processed_ chr15	96388214	96389056	-	0	0
ENSG0000(RP11-429B antisense chr15	89579765	89582297	-	0	0

ENSG0000(RP11-507B lincRNA chr15	61298791	61635449	-	0	0
ENSG0000(RP11-540C antisense chr15	40999274	41004865	+	0	0
ENSG0000(RP11-562A lincRNA chr15	50494018	50497080	-	0	0
ENSG0000(RP11-390M processed_ chr15	54048588	54050876	-	0	0.03
ENSG0000(RP11-133L antisense chr15	86938797	86988426	-	0	0
ENSG0000(RP11-654A antisense chr15	98880659	98893535	-	0	0
ENSG0000(RP11-597K processed_ chr15	82010212	82010607	-	0	0
ENSG0000(RP11-156E sense_ovei chr17	41848518	41851447	-	1.06	1.04
ENSG0000(RP11-138H antisense chr15	70768011	70778868	-	0	0
ENSG0000(MTND3P12 processed_ chr15	58150635	58150962	+	0	0
ENSG0000(RP11-244F antisense chr15	63070025	63071911	-	0	0
ENSG0000(RP11-467H processed_ chr7	77043721	77198626	+	0.14	0.25
ENSG0000(CTD-2262B transcribec chr15	85415228	85415633	+	0	0
ENSG0000(RP11-557C lincRNA chr8	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP11-56B1 processed_ chr15	51859185	51861293	-	0	0
ENSG0000(UBE2Q2P8 unprocessε chr15	84255913	84256014	+	0	0
ENSG0000(AC100830. antisense chr15	64701248	64719602	+	0	0
ENSG0000(RP11-133L sense_intrε chr15	86932880	86946331	+	0	0
ENSG0000(DNM1P38 unprocessε chr15	82531653	82534139	-	0	0
ENSG0000(RP11-184D lincRNA chr15	35939167	36252257	-	0.09	0
ENSG0000(PCAT29 lincRNA chr15	69592129	69695750	+	0	0
ENSG0000(ST20-AS1 antisense chr15	79922771	79926993	+	0.89	0.92
ENSG0000(RP11-680F sense_intrε chr15	29728186	29729531	-	0.09	0.19
ENSG0000(RP11-253M sense_intrε chr15	69391192	69392149	+	0	0
ENSG0000(AC140725. unprocessε chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-143J lincRNA chr15	30005443	30045848	-	0	0
ENSG0000(RP11-643G transcribec chr14	67614929	67616626	+	0.23	0
ENSG0000(RP11-351N antisense chr15	80896191	80909777	-	0.51	0
ENSG0000(RP11-272D antisense chr15	73335260	73342387	+	0	0
ENSG0000(MTCO3P23 processed_ chr15	58150275	58150563	+	0	0
ENSG0000(RP11-797A lincRNA chr15	77043680	77045160	+	0	0
ENSG0000(RP11-245C antisense chr15	84685884	84686946	+	0	0
ENSG0000(CTD-2054N unprocessε chr15	99791127	99792847	+	0	0
ENSG0000(RP11-325E lincRNA chr15	49101791	49103264	+	0	0
ENSG0000(PIGHP1 processed_ chr15	59676757	59677321	+	0	0
ENSG0000(RP11-89K1 transcribec chr15	1.02E+08	1.02E+08	-	0.86	1.23
ENSG0000(RP11-151N sense_intrε chr15	44557829	44559188	+	0.31	0
ENSG0000(DNM1P47 transcribec chr15	1.02E+08	1.02E+08	+	0.2	0.25
ENSG0000(AC068831. antisense chr15	90920218	90921186	-	0	0
ENSG0000(CTD-2314C antisense chr5	51372736	51383332	-	0	0.03
ENSG0000(CTD-2147F lincRNA chr15	97370371	97521811	-	0	0
ENSG0000(RP11-323I processed_ chr15	35081144	35081513	+	0	0
ENSG0000(LINGO1-AS antisense chr15	77641764	77652288	+	0	0
ENSG0000(RP11-707P antisense chr15	51457286	51460582	+	0	0
ENSG0000(RP11-643A lincRNA chr15	53947624	53976908	-	0	0

ENSG0000(RP11-485C antisense)	chr15	48783190	48784121	+	0	0
ENSG0000(MTCYBP23 processed)	chr15	58154960	58156061	+	0	0
ENSG0000(RP11-69G7 lincRNA)	chr15	63098870	63110403	+	0	0
ENSG0000(IQCH-AS1 lincRNA)	chr15	67403619	67521844	-	0.85	0.95
ENSG0000(RP11-356N processed)	chr15	59406963	59408154	-	0	0
ENSG0000(RP11-507B lincRNA)	chr15	61639349	61715171	-	0	0
ENSG0000(RP11-343B lincRNA)	chr15	88797413	88798734	-	0	0
ENSG0000(RP11-493E processed)	chr15	89876540	89877285	+	0	0
ENSG0000(RP11-707P antisense)	chr15	51414097	51498833	+	0	0
ENSG0000(RP11-812E protein_co)	chr16	33844784	33845229	-	0	0
ENSG0000(RP11-96O2 lincRNA)	chr15	45558598	45562877	+	0	0
ENSG0000(RP11-702L sense_intr)	chr15	64470253	64471364	+	0	0
ENSG0000(RP11-182J: unprocess)	chr15	84389729	84395903	+	0	0
ENSG0000(RP11-120K antisense)	chr15	50557601	50560500	+	0	0
ENSG0000(CTD-2315E lincRNA)	chr15	90102649	90133445	+	0	0
ENSG0000(HNRNPA1F processed)	chr15	33012119	33013068	+	0	0
ENSG0000(LINC01220 lincRNA)	chr14	75294404	75296638	+	0.09	0.2
ENSG0000(RP11-139F processed)	chr15	35396221	35396444	+	0	0
ENSG0000(CTD-3118D sense_intr)	chr15	29373602	29376956	-	0	0
ENSG0000(FKBP1AP2 processed)	chr15	73143236	73143518	-	0	0
ENSG0000(RP11-499F lincRNA)	chr15	81660482	81871125	-	0.13	0.32
ENSG0000(RP13-262C lincRNA)	chr15	84171178	84173194	-	0.6	0.36
ENSG0000(RP11-14C1 processed)	chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-126F processed)	chr15	31453201	31454139	-	0	0
ENSG0000(RP11-299H lincRNA)	chr15	62196145	62203318	-	0	0.1
ENSG0000(FAM30C unprocess)	chr15	21019388	21020851	+	0	0
ENSG0000(HMGB1P8 processed)	chr15	89135547	89136495	-	0.78	0.75
ENSG0000(RP11-485C processed)	chr15	48810701	48811909	+	0	0
ENSG0000(RP11-108K sense_intr)	chr15	51278927	51280015	-	0	0
ENSG0000(RP11-236L lincRNA)	chr15	96049275	96064426	-	0	0
ENSG0000(LINC00593 lincRNA)	chr15	69835234	69843120	+	0	0
ENSG0000(CTD-3094K sense_ove)	chr15	90839724	90841378	+	0	0
ENSG0000(RP11-227D lincRNA)	chr15	48645951	48652016	+	0.37	0.35
ENSG0000(HSP90B2P processed)	chr15	99257632	99260015	+	0.02	0
ENSG0000(RP11-752G processed)	chr15	82691723	82692358	-	0	0
ENSG0000(RP11-762H antisense)	chr15	78250502	78264156	-	0	0
ENSG0000(CTD-2184D antisense)	chr15	52124561	52140246	+	0	0
ENSG0000(NUTF2P6 processed)	chr15	35282596	35282980	+	0	0
ENSG0000(CTD-3032H lincRNA)	chr16	54934913	54954665	+	0	0
ENSG0000(CTD-2184D antisense)	chr15	52056675	52100523	-	0	0
ENSG0000(RP11-429B sense_ove)	chr15	89518523	89591956	+	0	0
ENSG0000(CTD-3110H lincRNA)	chr15	50359450	50360194	-	0	0
ENSG0000(LINC00677 lincRNA)	chr14	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-930C lincRNA)	chr14	56310880	56345001	+	0	0
ENSG0000(RP11-348B antisense)	chr15	31002013	31042302	+	0	0

ENSG000001758N	lincRNA	chr15	32717270	32719007	-	1.44	1.45
ENSG00000194P1	processed	chr15	77204578	77205100	+	0	0
ENSG000001823G1	antisense	chr20	53453058	53504314	-	0	0.29
ENSG000001581	lincRNA	chr15	93905405	94107938	-	0	0
ENSG0000013032H	lincRNA	chr16	54937786	54938671	-	0	0
ENSG000001454P11	unprocessed	chr15	84186752	84197384	+	1.33	1.43
ENSG0000011069	lincRNA	chr15	62895812	62899543	+	0	0.05
ENSG0000010933	transcribed	chr15	84570649	84580175	+	0.9	0.53
ENSG0000012007H	lincRNA	chr15	47944044	47949509	+	0	0
ENSG000001326N	lincRNA	chr15	38756552	38759413	-	0	0
ENSG00000159H7	sense_intronic	chr15	59121034	59133250	+	0	0
ENSG000001182L	antisense	chr15	86630266	86631136	-	0	0
ENSG000001356N	sense_intronic	chr15	59348648	59359889	-	0	0
ENSG0000013033-AS1	antisense	chr15	90620007	90717141	-	0.21	0.34
ENSG000001475A	lincRNA	chr15	36438972	36471016	-	0	0
ENSG000001444P1	processed	chr15	58865006	58865303	+	0	0
ENSG000001142J	sense_intronic	chr15	47525169	47527756	+	0	0
ENSG0000012014N	unprocessed	chr15	44914802	44930622	-	0	0
ENSG000001315C	processed	chr15	46099193	46100392	-	0	0
ENSG000001138H	sense_intronic	chr15	70848883	70849770	-	0	0.09
ENSG000001351P3	processed	chr15	90634725	90635033	+	0	0
ENSG000001275K	lincRNA	chr15	38671847	38689191	+	0	0
ENSG000001356N	unprocessed	chr15	30005205	30006430	+	0	0
ENSG000001356N	processed	chr15	59401221	59402004	-	0	0
ENSG00000183J1	processed	chr15	34849137	34850395	-	0.05	0
ENSG000001290H	protein_coding	chr17	47253897	47344292	+	0.28	0.49
ENSG000001208K	lincRNA	chr15	47884310	48049112	+	0	0
ENSG000001505E	antisense	chr15	1.01E+08	1.01E+08	-	0.27	0
ENSG000001625H	antisense	chr15	62682916	62690448	-	0.13	0
ENSG000001129J1	lincRNA	chr5	2736662	2737759	-	0	0
ENSG000001324D	lincRNA	chr16	54239693	54240654	+	0	0
ENSG00000120G1	antisense	chr15	99396613	99401315	-	0	0
ENSG000001138H	lincRNA	chr15	87042054	87047161	+	0.15	0
ENSG000001158N	antisense	chr15	85750336	85752901	-	0	0
ENSG00000102157	lincRNA	chr15	96235785	96236703	+	0	0
ENSG0000013033-AS1	antisense	chr15	1.01E+08	1.01E+08	+	0.35	0.37
ENSG00000190B9	sense_intronic	chr15	83022236	83024336	-	0	0
ENSG000001991G2	antisense	chr16	72665170	72791624	+	0.71	0.72
ENSG0000011360	processed	chr15	20046296	20047994	-	0	0
ENSG00000181A1	processed	chr15	79944498	79945578	+	0	0
ENSG000001429D	sense_intronic	chr15	59266720	59271162	-	0	0
ENSG00000116E1	lincRNA	chr15	31221999	31230838	-	0	0
ENSG000001507J	antisense	chr15	50746709	50749829	+	0	0
ENSG000001182J	lincRNA	chr15	84422618	84425882	+	1.51	1.34
ENSG00000145P1	antisense	chr14	1.03E+08	1.03E+08	-	0.19	0.63

ENSG00000101544	RP11-544D lincRNA	chr1	2.39E+08	2.39E+08	-	0.11	0.04
ENSG00000101922	LINC01922 lincRNA	chr18	74409415	74413209	+	0	0
ENSG0000010304L	RP11-304L lincRNA	chr16	2235689	2236913	-	0.05	0
ENSG000001061P6	HMGB1P6 processed	chr15	71164770	71165415	-	50.65	50.99
ENSG00000102270L	CTD-2270L sense_intronic	chr16	23446446	23447282	-	0.16	0
ENSG00000101006	RP11-1006 lincRNA	chr15	72608481	72636919	-	0	0
ENSG00000102023	RP11-2023 protein_coding	chr16	2513965	2527955	+	1.59	0
ENSG00000102109	LINC02109 lincRNA	chr5	29143503	29217115	+	0	0
ENSG0000010359K	RP11-359K antisense	chr1	1.63E+08	1.63E+08	-	0	0
ENSG00000101078	RP11-1078 lincRNA	chr14	90489012	90491637	-	0	0
ENSG000001032BP1	ANP32BP1 transcribed	chr15	75321397	75322693	-	0	0
ENSG000001014K3	RP11-14K3 lincRNA	chr16	35640029	35640582	+	0	0
ENSG0000010114H	RP11-114H antisense	chr15	77993405	77995289	+	0	0
ENSG0000010400N	RP11-400N antisense	chr2	2.33E+08	2.33E+08	-	0.02	0
ENSG0000010196D1	RP11-96D1 sense_intronic	chr16	68316801	68319036	+	0	0
ENSG0000010123E1	RP11-23E1 antisense	chr16	71113352	71114000	+	0	0
ENSG000001019N8	RP11-19N8 processed	chr16	33130235	33130442	+	0	0
ENSG00000102256P	CTD-2256P antisense	chr5	10352701	10353601	-	0.28	0.46
ENSG000001022A31	SLC22A31 protein_coding	chr16	89195761	89201664	-	0	0.11
ENSG00000102012K	CTD-2012K antisense	chr16	67561411	67562309	-	0.07	0
ENSG00000101382A	RP11-382A antisense	chr15	82925884	83103443	+	0.16	0.09
ENSG00000101426C	RP11-426C lincRNA	chr16	29217170	29220031	-	4.86	4.86
ENSG0000010202519	AC002519 sense_intronic	chr16	31788202	31790993	+	0.04	0
ENSG00000101142A	RP5-1142A antisense	chr16	88696501	88698610	+	0	0
ENSG00000101300A	RP11-300A lincRNA	chr15	29609676	29611212	-	0	0
ENSG00000101565N	RP11-565N lincRNA	chr1	2.09E+08	2.09E+08	-	0	0
ENSG0000010153L2	RP11-53L2 lincRNA	chr16	73812621	73816053	+	0	0
ENSG00000101024G	RP5-1024G antisense	chr1	53220663	53224253	+	0	0
ENSG00000101568A	RP11-568A lincRNA	chr16	8369864	8376276	+	0	0
ENSG00000102083843	AC083843 lincRNA	chr8	1.35E+08	1.35E+08	-	0.19	0.23
ENSG00000101169E	RP11-169E lincRNA	chr16	47004513	47035385	+	0	0
ENSG000001011292	RP11-1292 processed	chr16	32278866	32279115	+	0	0
ENSG000001010PD8	LYPD8 protein_coding	chr1	2.49E+08	2.49E+08	-	0	0.11
ENSG00000101467D	RP11-467D antisense	chr7	39947522	39949755	-	0.17	0.33
ENSG00000101343H	RP11-343H processed	chr16	56682470	56687807	+	0	0
ENSG0000010163E9	RP11-63E9 lincRNA	chr6	1.41E+08	1.41E+08	+	0	0
ENSG0000010200567	LINC00567 lincRNA	chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000010204A26P	CYP4A26P unprocessed	chr1	46967679	46967874	-	0	0
ENSG0000010123E1	RP11-23E1 antisense	chr16	71080866	71093667	+	0	0
ENSG00000101284N	RP11-284N lincRNA	chr1	1.11E+08	1.11E+08	-	0	0
ENSG0000010201P6	AGGF1P6 processed	chr16	35489237	35490212	+	0	0
ENSG0000010201904	LINC01904 lincRNA	chr18	926083	927993	-	0	0
ENSG000001020CP2	ELOCP2 unprocessed	chr15	41557027	41557435	+	0	0
ENSG00000101491F	RP11-491F lincRNA	chr16	49336683	49337345	+	0	0
ENSG00000102016c-380	LA16c-380 lincRNA	chr16	710746	711277	-	0	0

ENSG0000(LINC01566 lincRNA	chr16	35363412	35390584	+	0	0
ENSG0000(IGHV3OR1 unprocessε	chr16	33949976	33950420	-	0	0
ENSG0000(RP11-429P antisense	chr16	50046429	50066224	-	0	0.17
ENSG0000(GNPATP processed_	chr16	60654235	60656649	-	0	0
ENSG0000(HERC2P10 unprocessε	chr15	30815271	30844153	+	0	0
ENSG0000(RP11-467L lincRNA	chr16	64364781	64600247	+	0	0
ENSG0000(LINC02126 lincRNA	chr16	65141756	65176713	-	0.09	0.47
ENSG0000(AC097374. transcribec	chr2	94867486	94947341	-	0	0
ENSG0000(VENTXP1 lincRNA	chrX	26558337	26561052	+	0	0
ENSG0000(IGHV1OR1 IG_V_pseu	chr16	32978461	32978891	+	0	0
ENSG0000(RP11-211G lincRNA	chr11	69414307	69416832	+	0	0
ENSG0000(RP11-574C lincRNA	chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(RAB43P1 processed_	chr16	46626404	46626992	-	1.36	2.3
ENSG0000(RP11-439I lincRNA	chr16	64735925	64736804	+	0	0
ENSG0000(CTC-471C1 lincRNA	chr5	6030035	6030841	+	0	0
ENSG0000(RP11-143E lincRNA	chr12	1.3E+08	1.3E+08	+	0	0
ENSG0000(SH3RF3-AS lincRNA	chr2	1.09E+08	1.09E+08	-	0.04	0.04
ENSG0000(RP11-370P processed_	chr16	63703483	63703665	+	0	0
ENSG0000(RP11-488L lincRNA	chr1	2.47E+08	2.47E+08	-	0.19	0.36
ENSG0000(RP11-177N processed_	chr16	47561307	47562480	-	0	0
ENSG0000(RP11-525K antisense	chr16	80155053	80563135	-	0	0
ENSG0000(RP11-1012 processed_	chr14	55896547	55962970	+	0.07	0
ENSG0000(AL022344. lincRNA	chr10	42751178	42752145	-	0	0
ENSG0000(RP11-753A lincRNA	chr15	97876289	97878386	+	0	0
ENSG0000(CTA-363E6 sense_intrε	chr16	19315164	19316526	+	0	0
ENSG0000(RP11-481E processed_	chr16	82434828	82435381	+	0	0
ENSG0000(RP11-170L processed_	chr16	31870887	31871124	-	0	0
ENSG0000(CTD-3037G antisense	chr16	12556353	12557694	-	0	0
ENSG0000(RP11-46C2 antisense	chr16	89215211	89217653	-	1.43	0.91
ENSG0000(RP11-1O1C lincRNA	chr15	62230384	62231895	-	0	0
ENSG0000(RP11-830F antisense	chr16	88881038	88887136	+	0	0
ENSG0000(RP11-293B unprocessε	chr16	33577502	33622547	+	0	0
ENSG0000(EHD4-AS1 antisense	chr15	41921417	41928883	+	0	0
ENSG0000(RP11-1100 lincRNA	chr12	52058459	52059503	-	0	0
ENSG0000(RP11-923I lincRNA	chr12	51848223	51852729	+	0	0
ENSG0000(RP11-315F lincRNA	chr2	2.4E+08	2.4E+08	+	0	0
ENSG0000(DNM1P50 unprocessε	chr15	30567822	30571089	-	0	0
ENSG0000(CTA-204B4 antisense	chr8	1.41E+08	1.41E+08	-	0.82	0.49
ENSG0000(RP11-1H8.4 unprocessε	chr15	34555870	34556820	+	0	0
ENSG0000(RP11-715J antisense	chr16	2464950	2468213	-	0.17	0.07
ENSG0000(FRG2JP unprocessε	chr16	35245916	35247534	-	0	0
ENSG0000(CYP4F33P processed_	chr9	38542314	38542569	-	0	0
ENSG0000(CTD-3037G antisense	chr16	12560756	12611044	-	0	0
ENSG0000(RP11-343C protein_co	chr16	69335276	69351730	-	0.11	0
ENSG0000(ACTG1P15 processed_	chr15	34373541	34374603	-	0	0

ENSG0000(PWRN1	lincRNA	chr15	24493137	24652130	+	0	0
ENSG0000(RP11-932C	lincRNA	chr15	30170563	30179943	-	0	0
ENSG0000(RP6-91H8.1	lincRNA	chr14	71181456	71182106	+	0	0
ENSG0000(RP11-1006	unprocessed	chr15	72638821	72640125	+	0	0
ENSG0000(RP11-616N	antisense	chr16	1159548	1160176	-	0	0
ENSG0000(CTC-527H2	lincRNA	chr16	48620319	48622033	+	0	0
ENSG0000(RP11-298D	antisense	chr16	83725676	83726377	-	0	0
ENSG0000(RP11-410E	lincRNA	chr2	1.86E+08	1.86E+08	-	0.03	0
ENSG0000(RP11-407P	protein_coding	chr2	94588522	94604573	+	0	0
ENSG0000(HNRNPLP2	unprocessed	chr15	34489002	34490571	-	0	0.04
ENSG0000(NDUFA5P1	processed	chr16	47598654	47598996	-	0	0
ENSG0000(RP11-2E11	lincRNA	chr7	1.3E+08	1.3E+08	-	0	0
ENSG0000(AC022819.	sense_intronic	chr15	99157231	99161140	-	0.04	0.08
ENSG0000(RP11-322D	processed	chr16	57013071	57014100	-	0	0
ENSG0000(RP11-249C	processed	chr16	56648881	56652636	+	0	0
ENSG0000(RP11-16E2	processed	chr15	65771176	65772139	-	0	0
ENSG0000(CTA-363E6	lincRNA	chr16	19343647	19401693	-	0	0
ENSG0000(RP11-44F1.	sense_intronic	chr16	53448748	53449590	+	0	0
ENSG0000(RP11-218M	lincRNA	chr17	30564057	30565576	-	0.04	0
ENSG0000(CTA-481E9	lincRNA	chr16	17933189	18151595	-	0	0
ENSG0000(CTD-2323K	processed	chr15	75512770	75513040	-	0	0
ENSG0000(CTD-2651B	sense_intronic	chr15	45198517	45199139	-	0	0
ENSG0000(RP11-304L.	sense_overlapping	chr16	2091436	2095433	+	0	0
ENSG0000(RP11-989E	processed	chr16	32845964	32846180	-	0	0
ENSG0000(RP11-519C	sense_intronic	chr15	52648634	52649866	-	0	0
ENSG0000(RP11-438D	sense_intronic	chr12	33404872	33405896	-	0	0
ENSG0000(RP11-77H9	antisense	chr16	8853312	8854347	+	0	0
ENSG0000(CTD-3203P	antisense	chr16	27213308	27214993	-	0.27	0.22
ENSG0000(RP11-48G1	lincRNA	chr15	56394321	56396785	-	0	0.02
ENSG0000(RP1-39G22	antisense	chr1	40256427	40257967	-	2.26	1.71
ENSG0000(CDRT7	lincRNA	chr17	15030975	15031957	+	0	0
ENSG0000(CTD-2012K	antisense	chr16	67542123	67542963	-	0	0
ENSG0000(RP11-490G	lincRNA	chr1	97967005	97968814	-	0.16	0.03
ENSG0000(LINC02124	lincRNA	chr16	1889114	1890434	+	0	0
ENSG0000(RP11-326A	processed	chr15	89201091	89201768	-	0	0
ENSG0000(RP11-170L.	processed	chr16	31894542	31894983	-	0	0
ENSG0000(AC009133.	antisense	chr16	29806496	29807732	-	0.13	0
ENSG0000(RP11-4O1.1	sense_overlapping	chr9	1.12E+08	1.12E+08	-	0.42	0.14
ENSG0000(IL21R-AS1	antisense	chr16	27447669	27453393	-	0	0.07
ENSG0000(CTD-2547C	antisense	chr16	25238318	25239287	+	0	0
ENSG0000(RBM15B	protein_coding	chr3	51391268	51397908	+	15.4	15.4
ENSG0000(RP11-491F	lincRNA	chr16	49294886	49296736	+	0	0
ENSG0000(RP11-121C	lincRNA	chr4	47840122	47844339	-	0.28	0.29
ENSG0000(RP4-597A1	antisense	chr1	13513220	13516270	+	0	0
ENSG0000(RP11-44F1.	unprocessed	chr16	53362019	53363678	-	0	0

ENSG0000(RP11-185J):processed_ch	16	6721786	6721960	+	0	0
ENSG0000(THSD4-AS1 antisense)	chr15	71147650	71189042	-	0	0
ENSG0000(RP11-652G transcribed)	chr16	32600299	32615639	+	0	0
ENSG0000(RP11-2E17 lincRNA)	chr15	80165923	80166980	+	0	0
ENSG0000(RP11-428C lincRNA)	chr5	73952940	73954014	+	0	0
ENSG0000(RP11-999E sense_ov)	chr14	57993545	57994525	-	0.37	0.27
ENSG0000(AC099668).processed_ch	3	49684480	49684983	-	1.05	0
ENSG0000(RP11-44L9).lincRNA	chr16	73511176	73511654	+	0	0
ENSG0000(AC009120).processed_ch	16	74305127	74335346	-	4.09	4.64
ENSG0000(LINC00261 lincRNA)	chr20	22547671	22578642	-	0	0
ENSG0000(RP11-553L)3prime_ov	chr3	1.14E+08	1.14E+08	-	1.01	1.19
ENSG0000(AL121578).lincRNA	chrX	37906147	37949405	+	0	0
ENSG0000(MRPS21P8 processed_ch	16	49764454	49764688	+	0	0
ENSG0000(VN1R68P processed_ch	16	35118238	35118956	-	0	0
ENSG0000(AF096876).lincRNA	chr21	30089717	30097836	+	0	0
ENSG0000(CDC37P1 processed_ch	16	28700294	28701540	-	0	0
ENSG0000(RP11-169E transcribed)	chr16	47013957	47014365	+	0	0
ENSG0000(RP11-335G unprocess	chr1	25336429	25337465	-	0.33	0
ENSG0000(RP11-549B antisense)	chr18	31685655	31686823	+	0.51	0.45
ENSG0000(RP11-382A antisense)	chr15	83179182	83439445	+	0	0
ENSG0000(DUX4L46 processed_ch	16	34141256	34142006	-	0	0
ENSG0000(CTD-2555A lincRNA)	chr16	88984032	88995369	+	0	0
ENSG0000(RP11-598D unprocess	chr16	34013394	34013830	-	0	0
ENSG0000(RP11-77K1 processed_ch	16	75541399	75608445	-	0	0
ENSG0000(RP11-261B processed_ch	15	30223017	30225564	+	0	0
ENSG0000(RP11-305E sense_ov)	chr10	30302826	30306066	-	0.21	0.3
ENSG0000(CTD-2336H lincRNA)	chr16	76736342	76928169	+	0	0.18
ENSG0000(RARRES2P8 processed_ch	16	35543279	35543645	-	0	0
ENSG0000(IGHV1OR1)IG_V_pseu	chr16	33002333	33002621	+	0	0
ENSG0000(RP11-753D lincRNA)	chr14	88158240	88160591	-	0	0
ENSG0000(RP11-252K sense_intr	chr16	75321890	75325048	-	0	0
ENSG0000(RP3-467N1 antisense)	chr6	1.01E+08	1.01E+08	+	0.98	0.5
ENSG0000(TGFBR3L protein_co	chr19	7916145	7919097	+	1.22	2.78
ENSG0000(RP11-279C lincRNA)	chr16	8276263	8295700	-	0	0
ENSG0000(RP11-351A lincRNA)	chr16	65601101	65601698	-	0	0
ENSG0000(AC027601).antisense	chr17	81228707	81233983	+	0	0
ENSG0000(RP11-315D protein_co	chr15	68184032	68229718	-	0.5	0.82
ENSG0000(RP11-732A lincRNA)	chr11	1.02E+08	1.02E+08	+	0.03	0
ENSG0000(LINC02130 lincRNA)	chr16	14363109	14370266	-	0	0
ENSG0000(ZNF720P1 processed_ch	16	31601593	31603531	-	0	0
ENSG0000(RP13-20L1).lincRNA	chr17	82381110	82382690	-	0	0
ENSG0000(RP11-329J):processed_ch	16	47262741	47263500	+	0	0
ENSG0000(LSM3P5 processed_ch	16	78355529	78355834	+	0	0
ENSG0000(RP11-510M sense_intr	chr16	71539834	71541825	-	0	0
ENSG0000(RP11-1035 antisense)	chr16	18803083	18812181	+	0	0

ENSG0000(RP11-505K antisense)	chr16	84117051	84117571	+	0.99	0.78
ENSG0000(LINC01992 lincRNA)	chr17	27929548	27974223	-	0	0
ENSG0000(RP11-480I1 antisense)	chr1	2.03E+08	2.03E+08	-	0	0
ENSG0000(LA16c-306 antisense)	chr16	883780	885090	+	0	0
ENSG0000(MRPS21P7 processed)	chr16	49708006	49708243	+	0	0
ENSG0000(RP11-490M lincRNA)	chr2	36354749	36355114	-	5.41	6.77
ENSG0000(LINC02189 lincRNA)	chr16	86720688	86721954	-	0	0
ENSG0000(HOXB7 protein_co)	chr17	48607227	48633572	-	2.05	1.49
ENSG0000(RP11-401P antisense)	chr16	50551824	50553940	-	0	0
ENSG0000(RP11-686F lincRNA)	chr12	53754358	53762104	+	0	0
ENSG0000(RPL10P14 processed)	chr16	50151280	50151577	-	0	0
ENSG0000(NORAD lincRNA)	chr20	36045622	36050960	-	52.17	55.15
ENSG0000(CTC-527H2 processed)	chr16	48600176	48600644	+	0	0
ENSG0000(LCMT1-AS2 antisense)	chr16	25140577	25149032	-	0	0
ENSG0000(CTD-2651B sense_intr)	chr15	45200325	45200632	-	0	0
ENSG0000(RP11-178D processed)	chr15	55442635	55443357	-	0	0
ENSG0000(CTD-2524L antisense)	chr15	71818396	71823384	+	0	0
ENSG0000(RP11-407G sense_intr)	chr16	57247350	57248492	+	0	0
ENSG0000(RP11-355E lincRNA)	chr16	56109537	56137000	+	0	0
ENSG0000(CTD-2034I2 lincRNA)	chr16	50856614	50879278	-	0	0
ENSG0000(RP11-454K lincRNA)	chr14	45369215	45370839	+	0.03	0
ENSG0000(BCAP31P2 unprocess)	chr16	32869985	32873128	+	0	0
ENSG0000(IGHV1OR1 IG_V_pseu)	chr16	32059084	32059372	+	0	0
ENSG0000(LA16c-390I antisense)	chr16	1451760	1452653	+	0	0
ENSG0000(CTC-527H2 lincRNA)	chr16	48637143	48638719	+	0.13	0.15
ENSG0000(ABCB10P4 processed)	chr15	28506625	28508808	-	0	0
ENSG0000(LINC01571 lincRNA)	chr16	51762519	51773173	+	0	0
ENSG0000(RP11-279C lincRNA)	chr16	8309962	8357860	+	0	0
ENSG0000(RP11-231E lincRNA)	chr2	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-388N antisense)	chr16	31196131	31196963	+	0.08	0
ENSG0000(GOLGA2P1 transcribec)	chr15	62253730	62270680	-	0.13	0.05
ENSG0000(RP5-968P1 antisense)	chr1	26692132	26694131	-	0.28	0.25
ENSG0000(RP11-18F1 sense_intr)	chr16	80627551	80628379	-	0	0
ENSG0000(CTD-2587M lincRNA)	chr5	1725149	1728172	+	0	0
ENSG0000(MTND4LP2 processed)	chr16	49066567	49066729	-	0	0
ENSG0000(RP11-439I1 processed)	chr16	64738323	64738564	+	0	0
ENSG0000(RP11-182J2 antisense)	chr7	36319775	36320479	+	0	0
ENSG0000(RP11-418I2 lincRNA)	chr16	9466655	9517564	+	0	0
ENSG0000(CTD-2313J1 lincRNA)	chr16	24472798	24495177	-	0.09	0.07
ENSG0000(RP11-488I2 lincRNA)	chr16	35192687	35195661	-	0	0
ENSG0000(NSFP1 unprocess)	chr17	46372855	46487141	+	3.07	4.45
ENSG0000(RP11-254F lincRNA)	chr2	10039092	10040663	-	5.4	4.87
ENSG0000(RP11-44F1 transcribec)	chr16	53364982	53373083	-	0	0
ENSG0000(RP11-66N1 antisense)	chrX	1.54E+08	1.54E+08	+	1.68	0.71
ENSG0000(RP11-2C24 processed)	chr16	30821068	30822110	-	0	0

ENSG0000(MIR762HG antisense	chr16	30875222	30895220	+	1.88	0.76
ENSG0000(RP11-615I2 antisense	chr16	68573782	68589512	-	0	0
ENSG0000(RP11-421I1 lincRNA	chr16	48623436	48744921	+	0.45	0.78
ENSG0000(PCMTD1P2 processed_	chr16	34139189	34139543	+	0	0
ENSG0000(RP11-92G1 lincRNA	chr1	2.01E+08	2.01E+08	+	0.69	0.6
ENSG0000(ADAM3B processed_	chr16	49517762	49518601	-	0	0
ENSG0000(RP11-292D lincRNA	chr4	1.47E+08	1.47E+08	+	0	0
ENSG0000(RP11-33B1 lincRNA	chr4	1.19E+08	1.19E+08	+	0.07	0
ENSG0000(RP11-77K1 protein_co	chr16	75528532	75545428	-	0	0
ENSG0000(RP11-1E4.1 antisense	chr8	10050485	10054254	-	0	0.02
ENSG0000(LINC00564 lincRNA	chr13	81225865	81226983	-	0	0
ENSG0000(RP11-715J2 antisense	chr16	2452581	2452977	-	0.21	0.24
ENSG0000(DNM1P33 unprocessε	chr15	74062780	74063785	+	0	0
ENSG0000(SPDYE6 protein_co	chr7	1.02E+08	1.02E+08	-	0	0.13
ENSG0000(RP11-220I1 lincRNA	chr9	37078813	37079776	-	0	0
ENSG0000(RP11-568N lincRNA	chr2	64522187	64524093	-	0.26	0.16
ENSG0000(LINC01070 lincRNA	chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-100I1 transcribec	chr15	74478070	74490286	-	0.14	0.25
ENSG0000(RP11-817C unprocessε	chr15	75249232	75249407	-	0	0
ENSG0000(AOC4P transcribec	chr17	42865922	42874369	+	0	0
ENSG0000(AC005606. lincRNA	chr16	1997654	1998374	+	0	0
ENSG0000(RP11-140H3 prime_ov	chr16	69463844	69466264	+	0	0
ENSG0000(RP11-883G unprocessε	chr15	67985059	67986288	+	0	0
ENSG0000(RP11-529K antisense	chr16	70379457	70399502	+	0	0
ENSG0000(CTC-543D1 processed_	chr19	9518150	9519341	+	0	0
ENSG0000(RP11-146F processed_	chr16	30626976	30627178	+	0	0
ENSG0000(CTD-2574D sense_intrε	chr16	29919634	29921905	-	0.61	1.09
ENSG0000(CTC-420A1 antisense	chr16	61918321	61940697	+	0	0
ENSG0000(RP6-201G1 lincRNA	chrX	68013470	68014901	-	0.04	0
ENSG0000(RP11-177B lincRNA	chr4	52680609	52692649	+	0	0
ENSG0000(RP5-1142A antisense	chr16	88718615	88720459	+	0	0.03
ENSG0000(RP11-923I1 lincRNA	chr12	51809705	51810600	-	0	0
ENSG0000(RP11-326A lincRNA	chr15	89041223	89082819	+	0	0
ENSG0000(AGBL1-AS1 antisense	chr15	86295649	86317173	-	0	0
ENSG0000(RP11-14N9 lincRNA	chr16	16658227	16664135	+	0.2	0.11
ENSG0000(ULK4P2 transcribec	chr15	30572738	30600647	+	0.1	0.71
ENSG0000(LINC00556 antisense	chr13	20181531	20181942	+	0	0
ENSG0000(LA16c-312I1 antisense	chr16	1408834	1412248	+	0	0
ENSG0000(CA5AP1 unprocessε	chr16	29618785	29636328	-	0	0
ENSG0000(C1QL1P1 processed_	chr16	35574834	35575494	+	0	0
ENSG0000(RP11-212I2 lincRNA	chr16	55426797	55462297	-	0	0
ENSG0000(CTD-2270L lincRNA	chr16	23452758	23457606	+	2.76	3.11
ENSG0000(RP11-258F lincRNA	chr10	37791580	37791937	+	0	0
ENSG0000(CSPG4P13 transcribec	chr15	77894684	77904674	+	0	0
ENSG0000(RP11-19N8 lincRNA	chr16	33043609	33095431	-	0.62	0.17

ENSG00000100000	RP11-764E lincRNA	chr2	1.94E+08	1.94E+08	+	0	0
ENSG00000100000	RP11-361N unprocessed	chr15	72605183	72612326	+	0	0
ENSG00000100000	RP11-322D antisense	chr16	57052505	57058497	-	0	0
ENSG00000100000	CTD-2258A processed	chr16	66450998	66451351	-	0	0
ENSG00000100000	MTND5P34 processed	chr16	55007982	55008306	+	0	0
ENSG00000100000	RP11-407G antisense	chr16	57091213	57092303	-	0	0
ENSG00000100000	RP11-748L lincRNA	chr10	27343436	27344917	+	0	0
ENSG00000100000	RP11-69H7 processed	chr15	75114261	75114868	+	0	0
ENSG00000100000	RARRES2P1 processed	chr16	35485766	35486225	-	0	0
ENSG00000100000	RP11-394B antisense	chr16	70747057	70747926	+	0	0
ENSG00000100000	CH17-53B9 transcribed	chr17	21614487	21641536	+	0	0
ENSG00000100000	RP11-67H2 lincRNA	chr16	32809556	32824645	+	0	0
ENSG00000100000	RP11-483E unprocessed	chr15	28454660	28457783	-	0	0
ENSG00000100000	CTC-471J1. sense_ove	chr19	52058490	52063703	-	0.1	0.22
ENSG00000100000	MTCYBP28 processed	chr16	82120638	82121769	-	0	0
ENSG00000100000	RP11-863P lincRNA	chr16	88177289	88178646	+	0	0
ENSG00000100000	RP11-521C lincRNA	chr2	1.27E+08	1.27E+08	+	0.01	0
ENSG00000100000	CTD-2323K unprocessed	chr15	75480661	75480836	+	0	0
ENSG00000100000	RP11-863P lincRNA	chr16	88087387	88087932	+	0.8	0.89
ENSG00000100000	RP11-146F antisense	chr16	30585907	30608593	+	0.32	0.17
ENSG00000100000	RP11-96O2 protein_co	chr15	45587351	45676314	+	0.33	0
ENSG00000100000	RP11-95H1 lincRNA	chr2	2.07E+08	2.07E+08	-	0	0
ENSG00000100000	LINC01413 lincRNA	chr15	57319138	57323908	+	0	0
ENSG00000100000	RP11-2I17. antisense	chr15	72140504	72155459	-	0	0
ENSG00000100000	CTD-2022H processed	chr15	30044455	30045296	+	0	0
ENSG00000100000	CTD-3126B lincRNA	chr16	2644084	2645214	-	0	0
ENSG00000100000	RP4-536B2 lincRNA	chr16	87780134	87806476	-	0	0
ENSG00000100000	RP5-902P8 lincRNA	chr1	1249777	1251334	-	0.26	0.2
ENSG00000100000	RP11-616N sense_intr	chr16	1257339	1258074	+	0	0
ENSG00000100000	RP11-109P antisense	chr16	80547842	80552514	-	0	0
ENSG00000100000	RP11-421I1 processed	chr16	48849919	48850015	-	0	0
ENSG00000100000	RP11-432I5 antisense	chr16	71655027	71664212	+	0	0
ENSG00000100000	LINC02137 lincRNA	chr16	58421326	58462470	+	0	0
ENSG00000100000	RP11-439I1 transcribed	chr16	64736788	64737280	+	0	0
ENSG00000100000	CTA-331P3 antisense	chr6	1.1E+08	1.1E+08	+	0	0
ENSG00000100000	RP11-229P sense_ove	chr9	1.37E+08	1.37E+08	-	0.08	0
ENSG00000100000	RP11-756H lincRNA	chr5	1.25E+08	1.26E+08	+	0	0
ENSG00000100000	RP11-83N9 lincRNA	chr9	1.36E+08	1.36E+08	-	0	0.09
ENSG00000100000	RP11-357N antisense	chr16	53998313	53999969	-	0	0
ENSG00000100000	RP1-239B2 antisense	chr11	17380649	17383531	+	1.09	0.91
ENSG00000100000	RP11-424G lincRNA	chrY	19691941	19694606	-	0.06	0.14
ENSG00000100000	RP11-441F sense_intr	chr16	56300616	56302904	+	0	0
ENSG00000100000	RP11-143N lincRNA	chr16	20580999	20586640	+	0	0
ENSG00000100000	RP3-333B1 lincRNA	chr20	23481645	23519054	-	0	0
ENSG00000100000	RP11-108B lincRNA	chr10	22218074	22221168	+	0	0

ENSG0000(CTD-2026K antisense	chr15	75636139	75639239	+	0	0
ENSG0000(DUX4L47 processed	chr16	34142456	34142849	+	0	0
ENSG0000(RP11-680F lincRNA	chr11	1.26E+08	1.26E+08	-	0.08	0.17
ENSG0000(RP13-395E processed	chr15	32313126	32315654	-	0	0
ENSG0000(RP11-325C unprocess	chr6	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-303E antisense	chr16	81016792	81035759	-	0.06	0
ENSG0000(RP11-809F lincRNA	chr3	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-170L processed	chr16	31963803	31964079	+	0	0
ENSG0000(RP11-347C lincRNA	chr16	30355441	30357104	+	0.43	0.61
ENSG0000(CCDC187 protein_co	chr9	1.36E+08	1.36E+08	-	0.03	0.03
ENSG0000(RP11-293N lincRNA	chr16	76107283	76147806	-	0	0
ENSG0000(UBL5P4 processed	chr16	11968508	11968743	-	0	0
ENSG0000(RP11-483P antisense	chr16	83789967	83807834	-	0	0.13
ENSG0000(RP11-391L processed	chr16	81476023	81476519	-	0	0
ENSG0000(FRRS1L protein_co	chr9	1.09E+08	1.09E+08	-	0	0.01
ENSG0000(JHDM1D-A antisense	chr7	1.4E+08	1.4E+08	+	1.94	1.73
ENSG0000(PWRN4 lincRNA	chr15	23975172	24003435	+	0	0
ENSG0000(SSSCA1-AS processed	chr11	65568482	65570423	-	1.09	0.76
ENSG0000(RP11-166N protein_co	chr3	1.51E+08	1.51E+08	-	0	0
ENSG0000(CTD-2026K antisense	chr15	75624793	75625690	+	0.32	1.3
ENSG0000(RP11-708J antisense	chr3	47379089	47380999	-	0.94	0.68
ENSG0000(RP11-148N lincRNA	chr16	80040662	80045745	+	0	0
ENSG0000(PMF1-BGL protein_co	chr1	1.56E+08	1.56E+08	+	4.18	3.7
ENSG0000(RP11-274H lincRNA	chr6	4491807	4495769	+	0	0
ENSG0000(APOOP5 transcribec	chr16	59709993	59755026	-	0	0
ENSG0000(CTA-481E9 lincRNA	chr16	18002806	18173063	-	0	0
ENSG0000(RP11-588K sense_ove	chr4	1.56E+08	1.56E+08	+	0	0
ENSG0000(AC000032. antisense	chr1	1.1E+08	1.1E+08	-	0.15	0.17
ENSG0000(SUB1P4 processed	chr16	23537061	23537556	+	0	0
ENSG0000(RP11-401P antisense	chr16	50666211	50671639	+	0	0
ENSG0000(RP11-46D6 unprocess	chr16	46573763	46575094	+	0	0
ENSG0000(RP11-384N antisense	chr16	72084857	72087443	+	0	0
ENSG0000(RP4-676L2. sense_ove	chr8	29352420	29353170	-	0	0
ENSG0000(AP000997. lincRNA	chr11	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-185C processed	chr16	25824710	25826330	-	0	0
ENSG0000(AP001063. lincRNA	chr21	44347767	44348295	-	0	0
ENSG0000(RP5-1085F lincRNA	chr20	32856621	32858751	+	0.08	0.09
ENSG0000(RP11-467J. transcribec	chr16	52942139	52943464	+	0	0
ENSG0000(LINC02166 lincRNA	chr16	89682620	89686569	-	0.09	0.4
ENSG0000(SNHG19 lincRNA	chr16	2154797	2155358	-	24.98	29.32
ENSG0000(RP11-480A lincRNA	chr3	1.96E+08	1.96E+08	-	1.18	0.94
ENSG0000(RP11-440L lincRNA	chr4	836512	837224	-	0	0
ENSG0000(LINC2194 lincRNA	chr16	24236104	24252863	+	0	0
ENSG0000(RP11-44F2 lincRNA	chr4	75081702	75084717	-	0	0
ENSG0000(CTD-2311N transcribec	chr15	74350768	74364620	+	0.28	0.14

ENSG00000180100	RP11-452L1 antisense	chr16	31456711	31459736	-	1.61	1.22
ENSG00000180101	LINC00919 lincRNA	chr16	52083065	52085109	-	0	0
ENSG00000180102	CTD-2323K processed	chr15	75527150	75601205	-	1.24	1.18
ENSG00000180103	RP11-45N11 lincRNA	chr6	90345219	90362632	+	0	0
ENSG00000180104	RP11-20I23 protein_co	chr16	2496032	2520218	+	0	0
ENSG00000180105	RP11-425D antisense	chr6	1.09E+08	1.09E+08	+	0.29	1.03
ENSG00000180106	RP11-817C lincRNA	chr15	75368155	75369584	+	0.77	0.49
ENSG00000180107	RP11-326A processed	chr15	89037977	89038286	-	0	0
ENSG00000180108	RP11-77H9 antisense	chr16	8848105	8860456	+	0.39	0.57
ENSG00000180109	RP11-101E antisense	chr16	22083256	22092231	-	0	0
ENSG00000180110	RP11-109G antisense	chr4	78773654	78775973	-	0	0.03
ENSG00000180111	AC137932. antisense	chr16	89297508	89298317	+	0	0
ENSG00000180112	SLX1B-SUL1 processed	chr16	29455105	29464963	+	1	2.83
ENSG00000180113	ITFG1-AS1 antisense	chr16	47144323	47162747	+	0	0
ENSG00000180114	EIF4EBP2P1 processed	chr15	42581156	42581488	-	0	0
ENSG00000180115	TPSP2 unprocessed	chr16	1286351	1288837	-	0	0
ENSG00000180116	RP11-600F antisense	chr14	1.04E+08	1.04E+08	-	0.67	0.87
ENSG00000180117	C6orf229 protein_co	chr6	24797321	24798889	-	0	0
ENSG00000180118	TBC1D3G protein_co	chr17	36323884	36334759	+	0	0
ENSG00000180119	RP11-24M1 processed	chr15	75737820	75763321	+	0.11	0.08
ENSG00000180120	CTD-2535I1 lincRNA	chr16	7888489	7894395	-	0	0
ENSG00000180121	CTD-2033A processed	chr16	69756536	69757937	-	0	0
ENSG00000180122	FRG2GP unprocessed	chr16	35384144	35385086	-	0	0
ENSG00000180123	RP11-715J1 sense_intr	chr16	2476558	2482173	+	0.22	0.19
ENSG00000180124	RP11-395I1 sense_ove	chr4	40166675	40167831	+	0.1	0.17
ENSG00000180125	ACTG1P16 transcribed	chr16	50058150	50059231	-	0	0
ENSG00000180126	RP11-505K protein_co	chr16	83908132	83951445	+	0.72	2
ENSG00000180127	RP11-973H lincRNA	chr18	12774651	12775923	-	0	0
ENSG00000180128	RP11-203B lincRNA	chr4	1.46E+08	1.46E+08	-	0	0
ENSG00000180129	RP11-388N antisense	chr16	31182511	31183285	-	0	0
ENSG00000180130	NTRK3-AS1 lincRNA	chr15	88252730	88271066	+	0	0
ENSG00000180131	RP11-645C lincRNA	chr16	21794095	21795759	-	0.54	0.22
ENSG00000180132	PABPC1P1 processed	chr16	32439069	32441159	-	0	0
ENSG00000180133	RP11-104C processed	chr16	33771035	33771248	+	0.79	0.87
ENSG00000180134	RP11-27M1 sense_intr	chr16	10576499	10578183	-	0	0
ENSG00000180135	RP11-586K lincRNA	chr16	32663925	32666533	+	0	0
ENSG00000180136	RP11-812E lincRNA	chr16	33857935	33858864	-	0	0
ENSG00000180137	MRC1 protein_co	chr10	17809344	17911170	+	0	0
ENSG00000180138	LA16c-306 sense_intr	chr16	898967	905224	-	0	0.02
ENSG00000180139	RP11-48B3 lincRNA	chr8	80541300	80543104	+	0.06	0.17
ENSG00000180140	COX6CP1 processed	chr16	11903923	11904137	-	0	0
ENSG00000180141	RP11-339A lincRNA	chr1	80114943	80116918	+	0	0
ENSG00000180142	HSPB9 protein_co	chr17	42121431	42123352	+	0	0.03
ENSG00000180143	PHBP21 processed	chr16	52934813	52935635	+	0	0
ENSG00000180144	ACTR3BP3 processed	chr16	32379071	32380049	-	0	0

ENSG00000141612	lincRNA	chr17	17011914	17014990	-	0	0
ENSG000001412D	antisense	chr12	1.07E+08	1.07E+08	-	1.06	0.6
ENSG000001111J	lincRNA	chr2	18547386	18548204	-	0.16	0
ENSG0000015002	processed	chr16	62808222	62808706	-	0	0
ENSG000001345J	unprocessed	chr16	29449191	29449625	+	0	0
ENSG000001386M	processed	chr15	92592574	92596462	-	0	0
ENSG000001570	antisense	chr16	5601169	5616196	-	0	0
ENSG000001HEXA-AS1	antisense	chr15	72376113	72378788	+	0.08	0.04
ENSG000001576	lincRNA	chr16	84928353	84939603	+	0.25	0
ENSG000001C2orf69P2	processed	chr16	35492324	35493446	+	0	0
ENSG0000011035	protein_coding	chr16	18788063	18801519	-	0	0
ENSG000001576	lincRNA	chr13	1.12E+08	1.12E+08	+	0	0
ENSG00000156L1	processed	chr16	32213380	32213503	-	0	0
ENSG000001AC009052	processed	chr16	57461055	57462737	+	0	0
ENSG000001MOC51P1	processed	chr16	48496990	48498601	+	0	0
ENSG0000011035	lincRNA	chr11	69909184	69910994	-	0	0
ENSG0000011035	antisense	chr16	9105834	9107174	-	0	0
ENSG0000011035	antisense	chr16	8847650	8848724	-	0	0.21
ENSG0000011035	antisense	chr15	83022571	83090782	+	0	0
ENSG0000011035	antisense	chr16	18926863	18937043	+	0.67	0.19
ENSG0000011035	transcribed	chr15	75299953	75302965	-	0.07	0
ENSG0000011035	lincRNA	chr1	1.8E+08	1.8E+08	-	0.39	0.26
ENSG0000011035	sense_intronic	chr15	92779757	92781492	-	0.07	0.18
ENSG0000011035	lincRNA	chr16	9666885	9676843	-	0	0
ENSG0000011035	lincRNA	chr16	65233056	65432820	+	0	0.27
ENSG0000011035	sense_overlapping	chr19	48926171	48926444	+	0	0.95
ENSG0000011035	antisense	chr16	28973962	28978824	-	0.04	0
ENSG0000011035	sense_overlapping	chr8	1.01E+08	1.01E+08	-	0.1	0.06
ENSG0000011035	lincRNA	chr17	80453735	80454729	-	0.12	0
ENSG0000011035	lincRNA	chr10	14061	16544	-	0	0
ENSG0000011035	protein_coding	chr16	69335091	69356306	-	1.03	1.52
ENSG0000011035	antisense	chr18	26655742	27190698	+	0.02	0
ENSG0000011035	unprocessed	chr15	62255686	62256421	-	0	0
ENSG0000011035	lincRNA	chr3	1.83E+08	1.83E+08	-	0.15	0
ENSG0000011035	antisense	chr16	12745873	12757835	+	0	0
ENSG0000011035	processed	chr16	8508069	8508585	+	0	0
ENSG0000011035	antisense	chr16	50100339	50121943	-	0	0
ENSG0000011035	processed	chr15	30882267	30883231	-	0	0
ENSG0000011035	lincRNA	chr13	1.12E+08	1.12E+08	+	0	0
ENSG0000011035	transcribed	chr1	31500085	31509648	+	0	0
ENSG0000011035	lincRNA	chr16	86636328	86637145	-	0	0
ENSG0000011035	lincRNA	chr13	47930153	47932622	-	0.18	0.17
ENSG0000011035	transcribed	chr18	32511663	32514634	+	0	0
ENSG0000011035	lincRNA	chr9	27829276	27844481	+	0	0
ENSG0000011035	sense_overlapping	chr3	1.25E+08	1.25E+08	+	0	0

ENSG000001129 sense_ovei	chr15	56542952	56629592	-	0	0
ENSG000001297L lincRNA	chr16	52607762	52608158	-	0	0
ENSG000001616c-313l antisense	chr16	678504	679777	-	0	0
ENSG0000012649C processed_	chr16	21998310	21999656	+	0	0
ENSG000001594N sense_ovei	chr8	78605952	78609705	+	0.19	0.25
ENSG000001529J: unprocessε	chr15	23337985	23341848	-	0	0
ENSG000001119F sense_ovei	chr10	68698500	68700794	+	0.24	0.26
ENSG000001800A sense_ovei	chr11	73238975	73242335	+	0	0
ENSG00000156L1 lincRNA	chr16	32262827	32265514	-	0	0
ENSG000001616N antisense	chr16	1156976	1157974	-	0	0
ENSG000001384K transcribec	chr4	1.19E+08	1.19E+08	+	1.75	1.91
ENSG0000012576D processed_	chr16	17096202	17096421	-	0	0
ENSG000001402F antisense	chr15	43302096	43302772	+	0	0
ENSG000001403B lincRNA	chr15	20729747	20756183	-	0	0
ENSG000001505K processed_	chr16	84119293	84121153	+	0	0
ENSG000001420N lincRNA	chr16	5239815	5600151	+	0	0
ENSG000001438B sense_ovei	chr9	27937617	27944497	-	0.02	0.02
ENSG000001231C transcribec	chr16	29312350	29331277	+	0	0.14
ENSG0000011437 processed_	chr16	33154352	33154475	-	0	0
ENSG00000195-963E2 lincRNA	chr20	63127495	63129459	-	0	0
ENSG0000012542L lincRNA	chr16	85592266	85595720	+	0	0
ENSG0000013406A7 lincRNA	chr6	1.36E+08	1.36E+08	-	0	0.26
ENSG0000011437 antisense	chr16	33191561	33195354	-	0	0
ENSG000001LINC02182 lincRNA	chr16	88194281	88195217	+	0	0
ENSG000001155D2 lincRNA	chr6	1.64E+08	1.64E+08	-	0	0
ENSG00000113-735L lincRNA	chr12	9367464	9397617	+	0	0
ENSG000001616c-316l antisense	chr16	1358900	1361405	-	0	0
ENSG00000195-9121l3 sense_ovei	chr7	1.55E+08	1.55E+08	+	0	0
ENSG000001AGGF1P9 processed_	chr16	35347385	35348297	+	0	0
ENSG000001SCX protein_co	chr8	1.44E+08	1.44E+08	+	0.18	0.2
ENSG000001626G lincRNA	chr16	19086856	19098110	+	0	0
ENSG000001616c-382N processed_	chr16	5207088	5207439	+	0	0
ENSG000001LINC01917 lincRNA	chr18	53579623	53581059	-	0	0
ENSG000001616c-20123 antisense	chr16	2571570	2572353	-	0	0.43
ENSG000001616c-405F processed_	chr16	57713782	57714957	+	0	0
ENSG000001LMF1-AS1 antisense	chr16	921033	934495	+	0.23	0.14
ENSG000001LINC01544 lincRNA	chr18	61748176	61756646	+	0	0
ENSG000001616c-96D1 antisense	chr16	68256162	68260443	-	0	0
ENSG000001ATP2A1-AS antisense	chr16	28878957	28879920	-	0.64	0.28
ENSG0000012649C processed_	chr16	87945058	87945202	-	0	0
ENSG000001616c-483E unprocessε	chr15	28564986	28565152	-	0	0
ENSG0000012649C unprocessε	chr7	99869841	99869894	+	0	0
ENSG000001616c-304L antisense	chr16	2119207	2120248	+	0	0.37
ENSG000001LCMT1-AS1 lincRNA	chr16	25085592	25111555	-	0.53	0.78
ENSG000001LINC02134 lincRNA	chr16	47965672	47971687	+	0	0

ENSG0000(GEMIN8P2 processed_ chr16	58776540	58777563	+	0	0
ENSG0000(TPRKBP2 processed_ chr16	28111173	28111647	-	0	0
ENSG0000(RP11-367F lincRNA chr9	90997054	91001871	+	0.25	0.05
ENSG0000(NBAT1 lincRNA chr6	22134957	22147193	-	0	0
ENSG0000(C16orf95 protein_co chr16	87083562	87317420	-	2.02	1.91
ENSG0000(RP11-723G lincRNA chr18	71837039	71870788	+	0	0
ENSG0000(KCNJ18 protein_co chr17	21692523	21704612	+	0	0
ENSG0000(FTLP14 processed_ chr16	68822587	68823070	+	0	0
ENSG0000(RP11-284F lincRNA chr1	1.57E+08	1.57E+08	+	0.06	0.1
ENSG0000(RP11-541N sense_ovei chr10	1.04E+08	1.04E+08	-	0.71	0.81
ENSG0000(RP4-561L2.lincRNA chr1	93847174	93848939	+	0.16	0.18
ENSG0000(RP11-63M: antisense chr16	66720897	66731785	+	0	0
ENSG0000(RP4-536B2 antisense chr16	87836532	87837663	+	0	0
ENSG0000(RP11-405F antisense chr16	57681124	57701730	-	0	0
ENSG0000(LINC01290 lincRNA chr16	10514842	10528202	-	0	0
ENSG0000(C15orf59-A lincRNA chr15	73752317	73770613	+	0	0
ENSG0000(RP11-834C lincRNA chr12	54145069	54147225	-	0.05	0
ENSG0000(AC009120. processed_ chr16	74220929	74221427	+	0	0
ENSG0000(CTD-2358C processed_ chr16	31697397	31697607	-	0	0
ENSG0000(RP11-923I1 lincRNA chr12	51815043	51842106	+	0	0.08
ENSG0000(RP11-85A1 lincRNA chr10	99621055	99621918	+	0	0.16
ENSG0000(RP11-254F lincRNA chr2	10021578	10022825	+	0	0
ENSG0000(LINC01584 antisense chr15	86078809	86116717	-	0	0
ENSG0000(RP11-142G lincRNA chr16	52238082	52269440	+	0	0
ENSG0000(RP11-556H sense_intr chr16	79090050	79101754	+	0	0
ENSG0000(C2orf69P4 processed_ chr16	35352482	35353022	+	0	0
ENSG0000(CTD-2196E 3prime_ov chr16	23670011	23675499	+	0	0.15
ENSG0000(RP11-151H processed_ chr15	75022980	75023256	+	0	0
ENSG0000(RP11-1081 lincRNA chr8	53388701	53390872	-	0	0
ENSG0000(RP11-297C antisense chr16	30480588	30481346	-	0	0
ENSG0000(RP11-166B antisense chr16	11976851	11977850	-	0.12	0.13
ENSG0000(MYL12BP1 processed_ chr15	42571927	42572433	+	0	0.16
ENSG0000(CISTR lincRNA chr12	53750447	53757034	-	0	0
ENSG0000(RP11-219B antisense chr8	85172077	85177062	-	0	0.05
ENSG0000(AC002310. unprocessε chr16	30537202	30538231	-	0.27	0.2
ENSG0000(RP11-55K1 antisense chr16	81310731	81313423	-	0.2	0.07
ENSG0000(RP11-161M lincRNA chr16	991151	1000926	-	0	0
ENSG0000(CTB-55P19 processed_ chr16	47760780	47760921	-	0	0
ENSG0000(RP4-536B2 lincRNA chr16	87773488	87779374	-	0.13	0.14
ENSG0000(CTD-3193C antisense chr19	7918652	7919157	-	0	0
ENSG0000(RP11-558A lincRNA chr16	84342464	84343407	-	0	0
ENSG0000(RP11-410C lincRNA chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(RP11-356C lincRNA chr16	90105095	90106316	-	0	0
ENSG0000(RP11-271M lincRNA chr13	25300124	25301438	-	0	0
ENSG0000(AC004381. antisense chr16	20743663	20766620	-	0	0

ENSG00000100000	RP11-556H sense_intronic	chr16	79105957	79110882	+	0	0
ENSG00000100000	RP11-368N processed	chr16	29624517	29624825	+	0	0
ENSG00000100000	CTD-2199C lincRNA	chr5	10195121	10197628	-	0	0
ENSG00000100000	RP11-17M: unprocessed	chr16	32356981	32363695	-	0	0
ENSG00000100000	RP11-426C lincRNA	chr16	29116127	29217860	+	0.5	1.07
ENSG00000100000	BMS1P8 transcribed	chr16	33687025	33698504	-	0.35	0.49
ENSG00000100000	RP11-109E antisense	chr4	42657496	42657928	+	0	0
ENSG00000100000	RP11-510M antisense	chr16	71513863	71517849	+	0	0
ENSG00000100000	CTD-2576F processed	chr15	94855474	94856914	+	0.04	0
ENSG00000100000	RP11-352B processed	chr16	35722268	35722529	-	0	0
ENSG00000100000	CYP3A52P unprocessed	chr7	99872168	99872258	+	0	0
ENSG00000100000	RP11-812E unprocessed	chr16	33875039	33875468	-	0	0
ENSG00000100000	RP11-73K9 antisense	chr4	1.12E+08	1.12E+08	-	0.52	0.48
ENSG00000100000	FAM157C lincRNA	chr16	90102271	90178344	+	0.89	1.06
ENSG00000100000	RP11-558A antisense	chr16	84295498	84296985	-	0	0
ENSG00000100000	LA16c-381 lincRNA	chr16	1111627	1113399	+	0	0
ENSG00000100000	RP11-1006 sense_overlapping	chr15	72589691	72591845	+	0	0
ENSG00000100000	RP5-1085F antisense	chr20	32843128	32854257	-	0	0
ENSG00000100000	RP11-529K protein_coding	chr16	70299194	70372582	+	1.56	1.53
ENSG00000100000	ABHD17AP unprocessed	chr16	32199902	32202822	+	0	0
ENSG00000100000	LA16c-429 lincRNA	chr16	1841020	1843547	-	0	0
ENSG00000100000	RP13-379C lincRNA	chr20	62513909	62516096	-	0	0
ENSG00000100000	CTB-134F1 antisense	chr16	58116885	58119353	+	0	0
ENSG00000100000	RP6-24A23 protein_coding	chrX	1.09E+08	1.09E+08	-	0	0
ENSG00000100000	MT1L transcribed	chr16	56617476	56618818	+	12.16	8.47
ENSG00000100000	RP11-457I1 lincRNA	chr16	18570448	18571683	-	0	0
ENSG00000100000	PWRN2 lincRNA	chr15	24162754	24169948	-	0	0
ENSG00000100000	RP11-49I11 antisense	chr18	36179996	36187448	-	2.96	2.75
ENSG00000100000	RP11-728K lincRNA	chr7	1.5E+08	1.5E+08	+	0	0
ENSG00000100000	RP11-63M: lincRNA	chr16	66738263	66739326	+	0	0
ENSG00000100000	RP13-516M lincRNA	chr17	82293716	82294910	+	1.73	2.07
ENSG00000100000	RP11-403N lincRNA	chr9	79889001	79892007	+	0	0
ENSG00000100000	ERVK13-1 processed	chr16	2660349	2673444	-	3.7	4.17
ENSG00000100000	RP11-20G6 3prime_overlapping	chr16	23061406	23064173	-	0	0
ENSG00000100000	CTD-2358C lincRNA	chr16	31699676	31700465	-	0	0
ENSG00000100000	RP11-669I1 lincRNA	chr18	74211391	74240555	-	0	0
ENSG00000100000	RP11-24N1 antisense	chr16	28830612	28837200	-	0	0
ENSG00000100000	BNIP3P5 processed	chr15	42313687	42314386	+	0	0
ENSG00000100000	RP11-16N1 antisense	chr3	1.61E+08	1.61E+08	-	0.03	0.11
ENSG00000100000	RP11-21B2 lincRNA	chr16	50407666	50522638	+	0	0
ENSG00000100000	RP11-801I1 lincRNA	chr6	81969453	81969539	-	0	0
ENSG00000100000	RP11-56L1: antisense	chr16	32250620	32254422	-	0	0
ENSG00000100000	EIF5A2P1 processed	chr15	72041194	72041653	-	0	0.19
ENSG00000100000	RP11-615I2 antisense	chr16	68644248	68646168	-	0	0
ENSG00000100000	CTD-2541J: lincRNA	chr18	67481791	67484966	-	0.31	0.49

ENSG00000101111	RP11-382A antisense	chr15	83113617	83114566	-	0	0.78
ENSG00000101112	RP11-142A lincRNA	chr16	26721874	26729126	+	0	0
ENSG00000101113	CTB-113P1 antisense	chr5	1.52E+08	1.52E+08	+	0	0
ENSG00000101114	TPST2P1 processed	chr15	36626674	36627775	-	0	0
ENSG00000101115	AP000223. antisense	chr21	25582770	25583326	-	0.13	0.14
ENSG00000101116	RP11-1166 processed	chr16	32116700	32116997	+	0	0
ENSG00000101117	RP13-192B lincRNA	chrX	1.22E+08	1.22E+08	+	0	0
ENSG00000101118	RP11-592N sense_intr	chr15	71342324	71348471	+	0	0
ENSG00000101119	RP11-930P lincRNA	chr8	41828165	41829934	-	0.27	0.29
ENSG00000101120	STAM-AS1 antisense	chr10	17641284	17643878	-	0.25	0.37
ENSG00000101121	RP11-244B processed	chr16	35193335	35193734	+	0	0
ENSG00000101122	CTA-363E6 antisense	chr16	19476916	19487899	-	0	0
ENSG00000101123	RP11-432I5 antisense	chr16	71623708	71626816	-	0	0.18
ENSG00000101124	CTD-2055C antisense	chr16	80736360	80742305	+	0	0
ENSG00000101125	OR4C49P unprocess	chr11	50053410	50054309	-	0	0
ENSG00000101126	DUX4 protein_co	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000101127	AC012531. lincRNA	chr12	54019910	54022589	+	0	0
ENSG00000101128	FRG2IP unprocess	chr16	35405747	35407349	-	0	0
ENSG00000101129	CTC-457E2 sense_intr	chr19	22520995	22527949	-	0	0
ENSG00000101130	RP11-109D sense_intr	chr16	61691756	61693750	-	0	0
ENSG00000101131	RP11-552C sense_intr	chr16	12545482	12546684	+	0	0
ENSG00000101132	HMG2P4 processed	chr15	68254549	68254939	+	0	0
ENSG00000101133	GS1-21A4. sense_intr	chr16	87892938	87893685	-	0.2	0
ENSG00000101134	RP1-140K8 lincRNA	chr6	3904920	3911979	-	0.13	0.13
ENSG00000101135	RP11-883G lincRNA	chr16	51035118	51038764	-	0	0
ENSG00000101136	RP11-382A antisense	chr15	83012661	83061845	+	0	0
ENSG00000101137	RP11-989E processed	chr16	32931768	32932569	-	0	0
ENSG00000101138	RP11-352B lincRNA	chr16	35785569	35786887	-	0	0
ENSG00000101139	RP11-432I5 lincRNA	chr16	71726975	71727992	+	0	0
ENSG00000101140	RP3-522J7. lincRNA	chr22	49832616	49837786	-	0	0
ENSG00000101141	RP11-491F antisense	chr16	49287430	49290227	+	0	0
ENSG00000101142	RPL23AP97 processed	chr13	1.14E+08	1.14E+08	+	0.16	0.7
ENSG00000101143	RP11-327F antisense	chr16	50783859	50803338	-	0	0
ENSG00000101144	RP5-1142A antisense	chr16	88741631	88742367	+	0	0
ENSG00000101145	RP11-23N2 antisense	chr15	52577842	52598709	+	0	0
ENSG00000101146	RP11-775C lincRNA	chr15	80990804	80993258	-	0.02	0.07
ENSG00000101147	RP11-883G lincRNA	chr16	51054728	51056399	-	0	0.32
ENSG00000101148	RP11-413H antisense	chr16	56409320	56411683	+	0	0
ENSG00000101149	RP11-690I2 processed	chr2	2.32E+08	2.32E+08	-	0	0
ENSG00000101150	RP11-24D1 antisense	chr15	73870950	73873366	-	0	0
ENSG00000101151	RP11-452L antisense	chr16	31508471	31509256	+	0.1	0
ENSG00000101152	RP11-23E1 lincRNA	chr16	33533816	33534976	-	0	0
ENSG00000101153	RP11-1166 transcribec	chr16	31975803	32003728	+	0.82	1.54
ENSG00000101154	BGLT3 sense_ovei	chr11	5244554	5245547	-	0	0
ENSG00000101155	SNAI3-AS1 antisense	chr16	88663298	88687186	+	2.27	1.27

ENSG0000(RBM22P12 processed_ chr16	31680847	31682101	+	0	0
ENSG0000(RP11-375I2 lincRNA chr3	1.34E+08	1.34E+08	-	0.09	0.16
ENSG0000(RP11-521C lincRNA chr2	1.27E+08	1.27E+08	-	0	0.04
ENSG0000(RP11-21M1 antisense chr16	22365121	22369047	+	0	0
ENSG0000(RP11-602N processed_ chr15	34394594	34394931	+	0	0
ENSG0000(KB-1000E4 lincRNA chr8	97241742	97242204	-	0	0
ENSG0000(RP11-1299 antisense chr4	98658904	98664550	+	0.36	0.34
ENSG0000(RP11-717I2 lincRNA chr15	32359538	32367784	+	0	0
ENSG0000(RP11-303E protein_co chr16	81053587	81096296	-	1.32	2.21
ENSG0000(HERC2P5 transcribed chr16	32741314	32776196	+	0.91	0.8
ENSG0000(RP11-250B lincRNA chr6	80466958	80469080	+	0.24	0.17
ENSG0000(LA16c-385I lincRNA chr16	1512979	1514675	+	0	0
ENSG0000(RP1-178F1 antisense chr17	18268080	18268828	+	0.09	0
ENSG0000(RP11-133K sense_intron chr15	40232082	40236109	+	0	0
ENSG0000(RP11-56L1 transcribed chr16	32189262	32189481	+	0	0
ENSG0000(RP11-403P antisense chr16	66579983	66580716	-	0	0
ENSG0000(AF213884.. antisense chr4	1.03E+08	1.03E+08	-	0.16	0
ENSG0000(RP11-114G lincRNA chr7	57404771	57416203	+	0	0
ENSG0000(RP11-315D lincRNA chr15	68267792	68277994	-	0	0
ENSG0000(RP11-368L lincRNA chr16	63314264	63618046	-	0	0
ENSG0000(RP11-46C2 antisense chr16	89226807	89228692	-	0	0
ENSG0000(RP11-69H7 transcribed chr15	75223412	75234014	-	0	0
ENSG0000(RP11-152L antisense chr15	92148752	92331037	-	0	0
ENSG0000(RP11-626K processed_ chr16	32460266	32460362	-	0	0
ENSG0000(AC004158. lincRNA chr16	72425948	72533892	+	0	0
ENSG0000(RP11-744D processed_ chr16	64260570	64261239	-	0	0
ENSG0000(AL136419.1 processed_ chr14	24209646	24215987	-	0.49	0.34
ENSG0000(RP11-447N lincRNA chr3	72321051	72324027	-	0	0
ENSG0000(RP11-278A sense_intron chr16	87739771	87747706	-	0	0
ENSG0000(RP11-1006 lincRNA chr15	72615810	72618250	+	0	0
ENSG0000(RP4-529N6 lincRNA chr6	4599287	4602420	-	0	0
ENSG0000(RP11-591L processed_ chr15	79743311	79743468	+	0	0
ENSG0000(CTD-2576D unprocessed chr16	17094351	17094927	-	0	0
ENSG0000(LINC01541 lincRNA chr18	71519962	71578956	-	0.1	0.06
ENSG0000(RP11-546C lincRNA chr9	97743208	97744935	+	0	0
ENSG0000(RP11-146F transcribed chr16	30615256	30615679	-	0	0
ENSG0000(RP11-643C lincRNA chr11	69921638	69926813	-	0	0
ENSG0000(AGGF1P5 processed_ chr16	35420291	35421209	+	0	0
ENSG0000(CTA-363E6 antisense chr16	19410729	19411662	-	0	0
ENSG0000(RN7SKP17 misc_RNA chr16	81961926	81962243	+	0	0
ENSG0000(CTD-2076N lincRNA chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-326L processed_ chr15	75950464	75951144	-	0	0
ENSG0000(CTB-36H16 sense_over chr5	1.23E+08	1.23E+08	+	0.08	0.11
ENSG0000(RP11-44L9 lincRNA chr16	73499309	73499763	+	0	0
ENSG0000(RP11-44I1C processed_ chr16	48470953	48471133	-	0	0

ENSG0000(HNRNPA3P processed_ chr15	57246960	57247893	-	0	0
ENSG0000(CYCSP39 processed_ chr16	25454339	25454647	-	0	0
ENSG0000(ANKRD20A protein_co chr9	67859147	67902094	+	0.02	0.28
ENSG0000(AC026150. lincRNA chr15	30540093	30545969	+	3.67	4.35
ENSG0000(RP11-556H antisense chr16	79077376	79078234	-	0	0
ENSG0000(RP11-513N lincRNA chr16	65861112	65863784	-	0	0
ENSG0000(RP11-439E lincRNA chr1	2.47E+08	2.47E+08	+	0.05	0.06
ENSG0000(RP11-449J antisense chr16	77433382	77444336	+	0	0
ENSG0000(LA16c-349I unprocessε chr16	1103280	1105461	-	0	0
ENSG0000(LINC00543 lincRNA chr13	27953526	27955370	+	0	0
ENSG0000(RP11-525K lincRNA chr16	80065836	80167577	+	0	0
ENSG0000(CTA-29F11 antisense chr22	46761894	46762563	-	2.61	1.87
ENSG0000(RP11-616M lincRNA chr16	1294551	1299166	-	0	0
ENSG0000(RP11-747H sense_intrε chr14	91752856	91759798	-	0	0
ENSG0000(RP11-266L processed_ chr16	25015978	25021023	+	0.01	0.03
ENSG0000(RP11-744D lincRNA chr16	64155169	64156574	+	0	0
ENSG0000(AC009133. antisense chr16	29745247	29748299	+	0.07	0.04
ENSG0000(LINC01243 lincRNA chr9	31371611	31381490	-	0	0
ENSG0000(AF067845. lincRNA chr8	1368642	1369833	-	0	0
ENSG0000(VN1R67P unitary_psε chr16	31801585	31802497	-	0	0
ENSG0000(RP11-165M sense_intrε chr16	12372812	12373899	+	0.3	0
ENSG0000(VN1R69P processed_ chr16	35134514	35135075	+	0	0
ENSG0000(AC005307. lincRNA chr19	28418483	28429490	-	0	0
ENSG0000(KLF8P1 processed_ chr16	48718083	48719143	+	0	0
ENSG0000(SLC7A5P1 unprocessε chr16	29613104	29613640	-	0.56	0.31
ENSG0000(RP11-106M protein_co chr15	72284727	72375981	-	0.43	0.96
ENSG0000(KRT8P22 processed_ chr16	78048483	78049897	-	0	0
ENSG0000(RP11-264L antisense chr16	78495926	78506568	-	0	0
ENSG0000(RP11-510M protein_co chr16	71430262	71433376	-	0	0
ENSG0000(RP11-72I8. antisense chr16	15094411	15109197	+	0.29	0.39
ENSG0000(LINC01227 lincRNA chr16	80566794	80572808	-	0	0
ENSG0000(LINC00554 antisense chr13	99994899	99997909	-	0	0
ENSG0000(RP11-2F9.4 lincRNA chr15	22145939	22148226	-	0	0
ENSG0000(AC026471. antisense chr16	31487370	31488492	-	0	0.27
ENSG0000(CTC-39I62 antisense chr16	23194878	23213104	-	0	0
ENSG0000(RP11-366L antisense chr2	1.82E+08	1.82E+08	-	0.06	0
ENSG0000(RP11-255C lincRNA chr3	1.79E+08	1.79E+08	+	0	0.12
ENSG0000(RP11-329J antisense chr16	47196311	47202429	+	0	0
ENSG0000(KIF18BP1 unprocessε chr16	35636687	35645180	-	0	0
ENSG0000(RP11-421N processed_ chr18	68277802	68278243	-	0	0
ENSG0000(RP11-482M lincRNA chr16	87492555	87515635	+	0.18	0
ENSG0000(CTD-2196E sense_intrε chr16	23568673	23569696	+	1.48	1.17
ENSG0000(RP11-403P lincRNA chr16	66509437	66510048	+	0	0
ENSG0000(RP11-609N lincRNA chr16	10351440	10352752	-	0	0
ENSG0000(RP11-120K sense_oveε chr16	31402565	31404699	+	0	0

ENSG0000016770	lincRNA	chr18	11666456	11670165	-	0	0
ENSG0000016770	lincRNA	chr15	24441127	24447967	+	0	0
ENSG0000016770	lincRNA	chr5	25319834	25321346	+	0	0
ENSG0000016770	unprocessed	chr16	20586550	20607107	-	0	0
ENSG0000016770	lincRNA	chr5	4436850	4440259	-	0	0
ENSG0000016770	processed	chr16	8731416	8731559	-	0	0
ENSG0000016770	unprocessed	chr16	55728115	55750111	+	0	0
ENSG0000016770	sense	chr1	1.6E+08	1.6E+08	-	1.4	0.91
ENSG0000016770	lincRNA	chr16	49337167	49338993	+	0	0
ENSG0000016770	lincRNA	chr6	1.68E+08	1.68E+08	+	0	0
ENSG0000016770	3prime	chr16	69703065	69704652	+	1.94	0.67
ENSG0000016770	antisense	chr15	66314914	66331703	-	0.15	0
ENSG0000016770	processed	chr5	213898	217279	-	0.04	0.21
ENSG0000016770	transcribed	chr15	77914217	77926846	-	0.13	0
ENSG0000016770	lincRNA	chr17	28263634	28266369	-	0.04	0.05
ENSG0000016770	lincRNA	chr16	2268155	2273418	+	1.5	1.2
ENSG0000016770	antisense	chr18	10661933	10666887	+	0	0
ENSG0000016770	lincRNA	chr15	24206784	24225854	+	0	0
ENSG0000016770	transcribed	chr16	33907419	33937167	-	0	0
ENSG0000016770	processed	chr16	46789898	46792040	+	0	0
ENSG0000016770	unprocessed	chr15	30516079	30517867	+	0.41	0.11
ENSG0000016770	lincRNA	chr17	71097775	71202177	-	0	0
ENSG0000016770	lincRNA	chr5	42188266	42191523	+	0	0
ENSG0000016770	antisense	chr16	83721119	83772936	-	0	0
ENSG0000016770	antisense	chr16	22374859	22378180	+	0.04	0
ENSG0000016770	lincRNA	chr14	1.05E+08	1.05E+08	-	0.04	0.06
ENSG0000016770	antisense	chr17	44221401	44223710	+	0.66	1.12
ENSG0000016770	processed	chr16	86906175	86906472	-	0	0
ENSG0000016770	antisense	chr16	28820570	28822033	-	0.4	0
ENSG0000016770	processed	chr16	76878274	76878936	-	0	0
ENSG0000016770	antisense	chr16	68814330	68823526	-	0	0
ENSG0000016770	processed	chr15	42800968	42802405	-	0	0
ENSG0000016770	protein	chrX	1.12E+08	1.12E+08	+	0.02	0.04
ENSG0000016770	processed	chr16	17514	35195	-	0	0
ENSG0000016770	lincRNA	chr2	2.16E+08	2.16E+08	+	1.82	1.55
ENSG0000016770	lincRNA	chr1	2.13E+08	2.13E+08	-	0.15	0.23
ENSG0000016770	antisense	chr14	96500810	96502321	-	0.19	0.17
ENSG0000016770	lincRNA	chr16	975761	981596	-	0.07	0.3
ENSG0000016770	lincRNA	chr11	68612899	68616711	-	0	0
ENSG0000016770	unprocessed	chr16	35090501	35104834	+	0	0
ENSG0000016770	lincRNA	chr14	91258299	91259003	+	0	0.1
ENSG0000016770	polymorph	chr11	50032874	50033794	+	0	0
ENSG0000016770	processed	chr16	35414279	35414747	-	0	0
ENSG0000016770	lincRNA	chr15	41770756	41772732	-	0	0
ENSG0000016770	processed	chr15	75746769	75747263	+	0	0

ENSG0000(RP11-319G sense_intron)	chr16	78895361	78899644	+	0	0
ENSG0000(RP11-382N processed)	chr16	5260686	5261043	-	0	0
ENSG0000(UNGP1 processed)	chr16	51277852	51279112	+	0.04	0
ENSG0000(GS1-358P8 sense_overlapping)	chrX	24545516	24550466	+	1.9	1.74
ENSG0000(RP11-249C lincRNA)	chr16	56609501	56611375	-	0	0
ENSG0000(RP11-1437 lincRNA)	chr16	33203773	33206462	-	0	0
ENSG0000(HMGB3P32 processed)	chr16	57603137	57603697	+	0	0
ENSG0000(RP11-524C antisense)	chr14	21384292	21384920	+	0.11	0.12
ENSG0000(CTD-3253I antisense)	chr16	82953230	82990298	-	0	0
ENSG0000(RP11-256I5 lincRNA)	chr16	65190973	65234914	-	0.09	0
ENSG0000(RP11-468I1 sense_intron)	chr16	6573767	6577359	+	0	0
ENSG0000(RP11-152F protein_coding)	chr15	82540032	82555932	-	0	0
ENSG0000(RP11-531A lincRNA)	chr8	72947150	72950445	+	0.02	0
ENSG0000(LINC01964 lincRNA)	chr2	85064108	85067347	-	0	0
ENSG0000(RP11-578F processed)	chr15	28763440	28764151	-	0	0
ENSG0000(RP11-586K lincRNA)	chr16	32735909	32741094	-	0	0
ENSG0000(FRG2HP unprocessed)	chr16	35335277	35336889	-	0	0
ENSG0000(RP11-17M1 lincRNA)	chr16	32188333	32193530	+	0	0
ENSG0000(CTD-2009A lincRNA)	chr16	73543941	73558522	+	0	0
ENSG0000(RP11-437L lincRNA)	chr16	51354456	51356532	-	0	0
ENSG0000(RP11-403P protein_coding)	chr16	66469812	66517312	-	0	0
ENSG0000(FBXL19-AS antisense)	chr16	30919319	30923269	-	1.57	1.5
ENSG0000(RP11-264B antisense)	chr16	28956687	28966883	-	0	0.15
ENSG0000(LINC02184 lincRNA)	chr16	34978744	34979844	-	0	0
ENSG0000(RP11-439E antisense)	chr1	2.47E+08	2.47E+08	+	0.23	0.19
ENSG0000(RP11-80F2 lincRNA)	chr16	35505093	35506462	-	0	0
ENSG0000(RP11-558A lincRNA)	chr16	84255270	84261049	-	0	0
ENSG0000(RP11-254F sense_intron)	chr16	84828263	84829242	+	0	0
ENSG0000(RP11-615I2 processed)	chr16	68651056	68651948	-	0	0
ENSG0000(RP4-576H2 protein_coding)	chr20	1540144	1620009	-	0.39	0.42
ENSG0000(RP11-22H5 sense_intron)	chr16	82773319	82829638	+	0.01	0.02
ENSG0000(CYP2C60P unprocessed)	chr10	95009674	95009812	+	0	0
ENSG0000(ABHD17AP unprocessed)	chr16	32726615	32729537	-	0	0
ENSG0000(CTA-331F8 transcribed)	chr16	58597589	58597945	-	0.51	0
ENSG0000(RP11-626K unprocessed)	chr16	32388135	32436200	+	0	0
ENSG0000(RP11-459F antisense)	chr16	58197112	58217805	+	0	0
ENSG0000(LINC01960 lincRNA)	chr2	1.74E+08	1.74E+08	+	0.36	0.26
ENSG0000(AC002310 protein_coding)	chr16	30534227	30558279	-	0	0
ENSG0000(NDUFB10P processed)	chr15	57325472	57326447	-	0	0
ENSG0000(CTD-2373J1 sense_overlapping)	chr5	90388468	90389363	-	0.14	0
ENSG0000(RP11-715J1 lincRNA)	chr16	2456252	2459979	-	0	0.09
ENSG0000(LINC01229 lincRNA)	chr16	79676108	79807922	+	0	0
ENSG0000(RP11-211G lincRNA)	chr11	69371463	69372512	+	0	0
ENSG0000(RP11-320H sense_overlapping)	chr4	46243548	46244215	-	0	0
ENSG0000(RP11-483I1 antisense)	chr1	1.08E+08	1.08E+08	+	0.29	0.13

ENSG0000(HCCAT5	lincRNA	chr16	73092349	73093774	+	0	0
ENSG0000(RP11-10K1	processed_	chr16	5078168	5078605	-	0.18	0.4
ENSG0000(VN1R65P	unitary_ps	chr16	31554105	31554912	+	0	0
ENSG0000(AC009120.	lincRNA	chr16	74313337	74315634	+	0	0
ENSG0000(TAT-AS1	antisense	chr16	71565789	71578187	+	0	0
ENSG0000(CASC22	lincRNA	chr16	52258564	52280638	+	0	0
ENSG0000(CKBP1	processed_	chr16	46842632	46844618	-	0	0
ENSG0000(RP11-96D1	antisense	chr16	68212401	68221671	-	0	0
ENSG0000(CTD-2026K	antisense	chr15	75676227	75677162	+	0.76	0.14
ENSG0000(CTD-2012K	antisense	chr16	67542304	67542572	-	0	0
ENSG0000(RP11-554A	lincRNA	chr11	69103493	69109094	+	0	0
ENSG0000(LINC02170	lincRNA	chr16	80828735	80892595	-	0.05	0.18
ENSG0000(DNM1P30	unprocess	chr15	30150872	30153409	-	0	0
ENSG0000(ADPGK-AS:	antisense	chr15	72782835	72798199	+	0	0.07
ENSG0000(RP11-2C24	processed_	chr16	30740667	30751381	+	0	0
ENSG0000(RP11-19N8	processed_	chr16	33059936	33060098	+	0.69	0
ENSG0000(LINC02011	lincRNA	chr3	14799331	14811414	-	0	0
ENSG0000(XKR7	protein_co	chr20	31968002	32003387	+	0	0
ENSG0000(RP11-105C	lincRNA	chr16	22612543	22613483	-	0	0
ENSG0000(AC008088.	lincRNA	chr17	20530042	20530881	-	0.15	0.08
ENSG0000(CTB-134H2	transcribec	chr16	29053732	29108108	-	0.16	0
ENSG0000(RP11-93O1	unprocess	chr16	46649126	46649849	+	0	0
ENSG0000(LINC00565	lincRNA	chr13	1.14E+08	1.14E+08	-	0.26	0.34
ENSG0000(RP11-196G	lincRNA	chr16	31043150	31049868	+	0.35	0.39
ENSG0000(RP11-363E	sense_ove	chr9	19453209	19455173	+	1.9	1.75
ENSG0000(LINC01254	lincRNA	chr18	10405133	10414515	-	0	0.02
ENSG0000(RP11-343C	protein_co	chr16	69299682	69322700	+	16.88	16.04
ENSG0000(CCPG1	protein_co	chr15	55340032	55408510	-	49.16	51.33
ENSG0000(RP11-57H1	sense_ove	chr10	1.13E+08	1.13E+08	+	2.11	2.24
ENSG0000(RP11-731J	sense_ove	chr4	47431960	47438959	+	0	0
ENSG0000(CTD-3154N	antisense	chr15	74613194	74615596	-	0	0
ENSG0000(RP1-228H1	sense_ove	chr1	40464319	40466767	+	0.78	0.84
ENSG0000(RP11-989E	lincRNA	chr16	32995537	32996770	+	0	0
ENSG0000(RP11-538I1	antisense	chr16	77234877	77290934	+	0	0
ENSG0000(LINC02193	lincRNA	chr16	90173217	90222678	+	5.8	6.16
ENSG0000(LINC01311	antisense	chr22	19171395	19172839	+	0.6	0.83
ENSG0000(RP11-380D	lincRNA	chr15	41609466	41612727	-	0	0
ENSG0000(RP11-459F	antisense	chr16	58129529	58159133	+	0	0
ENSG0000(SPCS2P1	processed_	chr15	43131008	43131686	+	0	0
ENSG0000(LINC01416	lincRNA	chr18	55881688	55920199	-	0	0
ENSG0000(RP11-483P	antisense	chr16	83929796	83931223	-	0	0
ENSG0000(RP11-164A	processed_	chr16	18170356	18170959	+	0	0
ENSG0000(CTA-363E6	antisense	chr16	19501689	19502286	+	0	0
ENSG0000(RP11-548M	lincRNA	chr15	55056747	55092173	+	0	0
ENSG0000(RP11-467J:	processed_	chr16	53010395	53011286	-	0	0

ENSG00000180500	RP4-575N6 sense_ove	chr1	1.01E+08	1.01E+08	+	0	0
ENSG00000180500	LINC00622 sense_ove	chr1	1.2E+08	1.2E+08	-	0.33	0.2
ENSG00000180500	CAPN10-AS1 antisense	chr2	2.41E+08	2.41E+08	-	1.03	1.2
ENSG00000180500	RP11-476D lincRNA	chr12	40140926	40142876	-	0	0
ENSG00000180500	FOXC2-AS1 antisense	chr16	86565145	86567761	-	0.95	2.09
ENSG00000180500	RP11-916L lincRNA	chr16	17540331	17540985	-	0	0
ENSG00000180500	RP11-384P lincRNA	chr9	33697459	33700986	+	0	0.02
ENSG00000180500	RP11-552N sense_ove	chr1	1.11E+08	1.11E+08	-	0.17	0.48
ENSG00000180500	KB-1836B5 sense_ove	chr8	38062881	38063791	+	0.2	0.61
ENSG00000180500	RP5-978I12 lincRNA	chr7	25358240	25359908	-	0	0
ENSG00000180500	RP11-426C lincRNA	chr16	29262273	29264479	-	0	0.14
ENSG00000180500	LA16c-425 sense_intr	chr16	1579242	1580308	-	0	0
ENSG00000180500	RP11-30L1 lincRNA	chr8	54042989	54045629	-	0	0.2
ENSG00000180500	RP11-299H lincRNA	chr15	62284190	62285006	+	0	0
ENSG00000180500	RP11-488I2 lincRNA	chr16	35207937	35284146	+	0	0.08
ENSG00000180500	RP11-350A lincRNA	chr15	24238145	24240192	-	0	0
ENSG00000180500	LINC00557 lincRNA	chr13	94960041	94961319	+	0	0
ENSG00000180500	RP11-297L lincRNA	chr16	52607349	52613908	+	0	0
ENSG00000180500	RPL23AP91 processed_	chr16	57321352	57322117	+	0	0
ENSG00000180500	RP11-690D sense_ove	chr11	1.03E+08	1.03E+08	-	0.17	0.13
ENSG00000180500	RARRES2P1 processed_	chr16	35221583	35222048	-	0	0
ENSG00000180500	RP11-190D antisense	chr16	78237362	78241218	-	0	0
ENSG00000180500	RP11-295D lincRNA	chr9	1.19E+08	1.2E+08	+	0	0
ENSG00000180500	RP11-504A lincRNA	chr1	56248294	56258571	-	0	0
ENSG00000180500	RP1-58B11 lincRNA	chr1	5492978	5494674	+	0	0
ENSG00000180500	RP11-105C lincRNA	chr16	22610531	22612196	-	0	0
ENSG00000180500	RP11-586K antisense	chr16	32675037	32678831	+	0	0
ENSG00000180500	RP11-142G lincRNA	chr16	52198012	52227956	-	0.25	0.28
ENSG00000180500	LINC01633 lincRNA	chr1	1.85E+08	1.85E+08	+	0	0
ENSG00000180500	RP11-333I1 lincRNA	chr2	46777783	46780245	+	1.11	1.23
ENSG00000180500	MKRN3-AS antisense	chr15	23567264	23569657	-	0	0
ENSG00000180500	RP11-77H9 lincRNA	chr16	8962706	8966990	+	0	0
ENSG00000180500	RP11-315A lincRNA	chr5	8785042	8785468	-	0	0
ENSG00000180500	RP11-150D lincRNA	chr16	76228385	76262365	-	0	0
ENSG00000180500	FGFR3P5 unprocess	chr16	35232412	35235984	-	0	0
ENSG00000180500	RP11-854K lincRNA	chr15	21127698	21130095	-	0	0.16
ENSG00000180500	RP11-285A lincRNA	chr15	78141243	78143173	+	0.06	0.1
ENSG00000180500	LA16c-395I antisense	chr16	1580527	1610328	+	0	0
ENSG00000180500	RP3-518E1 antisense	chr1	1.75E+08	1.75E+08	+	0	0
ENSG00000180500	RP11-616N unprocess	chr16	1280161	1280544	-	0	0
ENSG00000180500	DOCK9-AS2 antisense	chr13	99087819	99088625	+	0.4	0.61
ENSG00000180500	AGGF1P7 processed_	chr16	35547917	35548829	+	0	0
ENSG00000180500	RP11-165H lincRNA	chr9	79135422	79145674	-	0	0
ENSG00000180500	RP13-122B sense_ove	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000180500	RP4-647J2 sense_ove	chr7	44958999	44960909	-	0	0

ENSG00000100000	RP11-521L	lincRNA	chr16	68927547	68948261	-	0	0
ENSG00000100000	RP11-534L	lincRNA	chr1	2.07E+08	2.07E+08	+	0	0
ENSG00000100000	RP11-546B	antisense	chr15	42208413	42226990	+	0	0
ENSG00000100000	RP1-140C1	sense_ove	chr6	1.7E+08	1.7E+08	+	0.04	0.04
ENSG00000100000	RP11-382N	processed_	chr16	5365797	5366688	+	0.07	0.08
ENSG00000100000	LINC01572	lincRNA	chr16	72283301	72665009	-	0.21	0.19
ENSG00000100000	RP11-1437	lincRNA	chr16	33370473	33372915	-	0	0
ENSG00000100000	RARRES2P	processed_	chr16	35255192	35255633	-	0	0
ENSG00000100000	RP11-96C2	transcribec	chr10	87001636	87009905	+	0.19	0.1
ENSG00000100000	RP11-116D	lincRNA	chr2	20999313	21000917	-	0	0
ENSG00000100000	CTD-2050B	lincRNA	chr16	56183726	56186306	-	0	0
ENSG00000100000	LINC02165	lincRNA	chr16	63730277	63754757	+	0	0
ENSG00000100000	RP11-3M1	processed_	chr16	48059671	48059995	-	0	0
ENSG00000100000	LL09NC01	antisense	chr9	1.34E+08	1.34E+08	-	0	0
ENSG00000100000	RP11-111K	lincRNA	chr7	42901272	42902639	-	0.08	0.05
ENSG00000100000	RP11-744K	lincRNA	chr17	22420022	22424731	+	0.01	0
ENSG00000100000	GS1-279B7	lincRNA	chr1	1.85E+08	1.85E+08	-	0.64	0
ENSG00000100000	RP11-84D1	lincRNA	chr1	24968423	24970865	-	0	0
ENSG00000100000	CTD-3247F	sense_ove	chr8	22679013	22684009	-	0.01	0.05
ENSG00000100000	AC012322	lincRNA	chr16	64242608	64343909	-	0.15	0.32
ENSG00000100000	CTD-2588J	lincRNA	chr16	82170296	82175803	+	0	0
ENSG00000100000	RP11-791N	lincRNA	chrX	13093660	13094573	+	0	0
ENSG00000100000	RP11-209D	antisense	chr17	20008051	20009234	-	0	0.17
ENSG00000100000	RP11-151E	lincRNA	chr20	60812004	60814211	-	0	0
ENSG00000100000	RP11-574H	lincRNA	chr5	1.2E+08	1.2E+08	-	0	0
ENSG00000100000	CTC-471C1	lincRNA	chr5	6019029	6022283	-	0	0
ENSG00000100000	RP1-149C7	lincRNA	chr6	92387841	92388827	-	0	0
ENSG00000100000	RP11-417E	lincRNA	chr6	1.69E+08	1.69E+08	-	0.27	0.58
ENSG00000100000	WFDC21P	processed_	chr17	60083566	60091885	-	3.15	2.22
ENSG00000100000	RP11-536P	unprocess	chr15	28545912	28549777	+	0	0
ENSG00000100000	RP11-24M	lincRNA	chr15	75759501	75762405	-	0	0.04
ENSG00000100000	AP006547	antisense	chr8	1.43E+08	1.43E+08	+	0	0
ENSG00000100000	LINC02129	lincRNA	chr16	27158451	27176587	-	0	0
ENSG00000100000	C2orf69P1	processed_	chr16	35552909	35554001	+	0	0
ENSG00000100000	AC137527	processed_	chr16	51244054	51244123	+	0	0
ENSG00000100000	RP11-810K	processed_	chr15	20890206	20890606	-	0	0
ENSG00000100000	RP11-357N	antisense	chr16	54033997	54054583	-	0	0
ENSG00000100000	RP11-274H	sense_ove	chr3	1.46E+08	1.46E+08	-	0.32	0.35
ENSG00000100000	SULT1A3	protein_co	chr16	30199228	30204310	+	4.58	3.85
ENSG00000100000	NAMPTP3	processed_	chr16	35085896	35086119	+	0	0
ENSG00000100000	RP11-6O2	antisense	chr15	99128832	99131806	-	0.04	0.07
ENSG00000100000	RP11-195M	lincRNA	chr1	1.1E+08	1.1E+08	+	0	0
ENSG00000100000	RP11-454F	transcribec	chr16	53298224	53299792	+	0.44	0.08
ENSG00000100000	LINC00555	antisense	chr13	1.03E+08	1.03E+08	-	0	0
ENSG00000100000	RP11-252E	lincRNA	chr16	75119558	75144200	+	0	0

ENSG000001545A	sense_overlappin	chr1	1.8E+08	1.8E+08	+	0.2	0.15
ENSG000001303E	sense_intronic	chr16	81030770	81031485	+	0.83	0.61
ENSG0000015381	antisense	chr16	77201474	77249957	-	0	0
ENSG0000011000	lincRNA	chr15	32536047	32587613	+	6.69	7.35
ENSG00000174C1	antisense	chr1	2.04E+08	2.04E+08	+	0	0
ENSG000001483K	lincRNA	chr16	8526549	8532013	-	0	0
ENSG000001264B	processed_transcript	chr16	28974804	28990775	+	0.77	0.43
ENSG0000017K24	lincRNA	chr6	42092233	42094259	-	0.27	0.13
ENSG000001701H	lincRNA	chr15	25087661	25088896	+	0.58	0.06
ENSG000001554A	lincRNA	chr11	69147228	69171564	-	0	0
ENSG000001223E5	antisense	chr6	13614111	13615155	-	0.64	0.25
ENSG0000015N19	processed_transcript	chr15	56192353	56193262	-	0	0
ENSG000001LINC01195	lincRNA	chr16	9446010	9455505	-	0	0
ENSG000001179B	lincRNA	chr10	58325614	58327030	-	0.16	0.36
ENSG000001553E	processed_transcript	chr15	86139838	86140240	-	0	0
ENSG000001481J	antisense	chr16	58382989	58383798	-	0	0
ENSG000001252A	lincRNA	chr16	74367462	74369826	+	0.12	0.15
ENSG000001166H4	lincRNA	chr6	45573346	45576770	-	0	0.04
ENSG0000011H8	unprocessed_transcript	chr15	34409625	34410594	+	0	0
ENSG000001LINC01228	lincRNA	chr16	79798050	79827150	-	0	0
ENSG0000019312	lincRNA	chr4	1.24E+08	1.25E+08	-	0.06	0.07
ENSG000001PPP1R1AP2	processed_transcript	chr16	35912120	35912516	+	0	0
ENSG000001KB-1460A1	lincRNA	chr8	1.01E+08	1.01E+08	-	0.35	0.51
ENSG000001CDC37P2	processed_transcript	chr16	28413703	28415018	+	0	0
ENSG00000120G6	lincRNA	chr16	23020337	23023611	+	0	0
ENSG000001LINC02178	lincRNA	chr16	50390916	50395133	-	0	0
ENSG000001CTD-3126B	antisense	chr16	2597881	2599718	-	0.03	0
ENSG000001235C	sense_overlapping	chr9	1.23E+08	1.23E+08	+	0.78	1.1
ENSG000001235C	lincRNA	chr16	87212122	87226430	+	0	0
ENSG000001235C	sense_overlapping	chr2	2.32E+08	2.32E+08	+	0	0.1
ENSG000001LINC00563	lincRNA	chr13	46296445	46297844	-	0	0
ENSG000001235C	lincRNA	chr11	1.07E+08	1.07E+08	-	0.1	0.13
ENSG000001235C	sense_overlapping	chrX	1.02E+08	1.02E+08	+	1.44	1.02
ENSG000001235C	processed_transcript	chr15	66414933	66415198	-	0	0
ENSG000001235C	antisense	chr16	83710179	83717898	-	0	0
ENSG000001235C	lincRNA	chr2	9106593	9109865	+	0	0
ENSG000001LMO7-AS1	antisense	chr13	75604700	75635994	-	0.66	0.37
ENSG000001235C	processed_transcript	chr16	32739627	32740166	-	0	0
ENSG000001235C	processed_transcript	chr16	32635673	32636045	-	0	0
ENSG000001235C	antisense	chr16	22286708	22288738	-	0	0
ENSG000001235C	sense_intronic	chr16	56941028	56941726	+	2.09	0.9
ENSG000001TMEM178	protein_coding	chr7	1.41E+08	1.41E+08	+	0.32	0.33
ENSG000001235C	sense_overlapping	chr6	54943167	54945099	+	0	0
ENSG000001235C	lincRNA	chr2	12715415	12716227	+	0	0
ENSG000001235C	antisense	chr16	89492017	89504460	-	0.07	0

ENSG00000100000	RP11-62H2 antisense	chr14	59919423	59920339	-	0	0
ENSG00000100000	RP11-496D lincRNA	chr4	24659856	24671568	+	0	0.06
ENSG00000100000	LINC02167 lincRNA	chr16	35743268	35756515	+	0	0
ENSG00000100000	RP11-304L sense_intronic	chr16	2094830	2097026	-	0.47	0.9
ENSG00000100000	AC135050. antisense	chr16	31065495	31069246	+	0	0
ENSG00000100000	RBFADN lincRNA	chr18	80046900	80095482	+	0.64	0.53
ENSG00000100000	RP11-17M: transcribed	chr16	32289547	32310555	-	0	0
ENSG00000100000	RP11-361D lincRNA	chr4	1.45E+08	1.45E+08	+	0	0
ENSG00000100000	RP11-1021 protein_coding	chr16	15395754	15515348	+	0	0
ENSG00000100000	RP11-9301 sense_intronic	chr16	46660696	46661591	-	0.31	0
ENSG00000100000	RP4-798A1 lincRNA	chr1	16514645	16515754	+	0.27	0.59
ENSG00000100000	RP11-37C7 antisense	chr15	39782571	39785617	+	0.3	0.31
ENSG00000100000	RP11-20123 antisense	chr16	2569043	2571936	-	0.51	0.56
ENSG00000100000	RP11-303E antisense	chr16	81055301	81056426	+	0	0
ENSG00000100000	ADAMTS7F transcribed	chr15	77976042	77993057	+	0	0
ENSG00000100000	RP11-102D processed_transcript	chr16	59166951	59167152	-	0	0
ENSG00000100000	RP11-29611 processed_transcript	chr16	70202354	70202459	+	0	0
ENSG00000100000	RP11-2A4.4 lincRNA	chr3	1.38E+08	1.38E+08	+	0	0
ENSG00000100000	RP11-697E protein_coding	chr15	90249556	90272208	+	0.09	0.26
ENSG00000100000	EPPK1 protein_coding	chr8	1.44E+08	1.44E+08	-	0.03	0.03
ENSG00000100000	RP11-332G processed_transcript	chr16	58092053	58092947	-	0	0
ENSG00000100000	RP11-104C processed_transcript	chr16	33808778	33810767	+	0	0
ENSG00000100000	LINC02131 lincRNA	chr16	77590806	77610681	+	0	0
ENSG00000100000	LINC01989 lincRNA	chr17	34169372	34195937	-	0	0
ENSG00000100000	CTD-2583P antisense	chr16	12759282	12761162	+	0	0
ENSG00000100000	RP11-723C lincRNA	chr3	1.29E+08	1.29E+08	-	0.47	0.09
ENSG00000100000	RP11-58A1 lincRNA	chr16	86646301	86668923	+	0	0
ENSG00000100000	RP11-775H lincRNA	chr4	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	RP11-517B sense_overlapping	chr3	1.31E+08	1.31E+08	-	0.19	0.2
ENSG00000100000	RP11-68118 sense_overlapping	chr1	1.51E+08	1.51E+08	-	0.07	0.16
ENSG00000100000	RP11-252A antisense	chr16	74422120	74435254	+	0	0
ENSG00000100000	RP11-356C lincRNA	chr16	90110574	90168225	-	0	0
ENSG00000100000	RP11-169E antisense	chr16	46973989	46978983	+	0	0.63
ENSG00000100000	HMGB1P3: processed_transcript	chr15	56323193	56323719	+	0.14	0
ENSG00000100000	LINC02188 lincRNA	chr16	86722091	86741059	+	0.01	0.02
ENSG00000100000	RP11-2L4.1 lincRNA	chr16	82554049	82575210	-	0	0
ENSG00000100000	RP11-80512 lincRNA	chr16	86081409	86089526	-	0.02	0.05
ENSG00000100000	RP11-90K1 unprocessed_transcript	chr16	60925733	60928541	-	0	0
ENSG00000100000	RP11-467N unprocessed_transcript	chr16	16394912	16398594	-	0	0
ENSG00000100000	RP11-201A lincRNA	chr1	1.88E+08	1.88E+08	+	0	0
ENSG00000100000	RP11-532F antisense	chr15	40835808	40844387	-	0	0
ENSG00000100000	RP11-196C sense_overlapping	chr7	36095272	36100653	+	0	0
ENSG00000100000	LINC01238 antisense	chr2	2.42E+08	2.42E+08	-	0.16	0.06
ENSG00000100000	RP11-1007 lincRNA	chr15	72465128	72466262	-	0.37	0.35
ENSG00000100000	CTA-445C9 antisense	chr22	26512537	26514568	+	0.99	0.66

ENSG0000(RP3-512B1 antisense chr6	7540451	7541338	-	0.42	1.24
ENSG0000(C16orf97 processed_chr16	52005487	52078474	-	0	0
ENSG0000(RP11-16L1.antisense chr15	36641186	36669097	-	0	0
ENSG0000(RNF126P1 transcribed chr17	57045478	57046797	+	0	0
ENSG0000(RP11-863P lincRNA chr16	88079161	88087383	-	0	0
ENSG0000(LINC01898 lincRNA chr18	75696079	75712385	-	0	0
ENSG0000(CTD-2380F antisense chr16	19761172	19766099	-	0.33	0
ENSG0000(CYP4A43P unprocessed chr1	46994382	46994502	-	0	0
ENSG0000(RP11-598D processed_chr16	34051140	34051363	+	0	0
ENSG0000(RP11-26O3 antisense chr16	7614230	7614992	-	0	0
ENSG0000(UBE2FP2 processed_chr16	63180610	63181071	-	0	0
ENSG0000(RP11-989E lincRNA chr16	33541842	33545812	-	0.77	0.56
ENSG0000(RP3-496C2 antisense chr22	40043068	40044530	-	0	0.04
ENSG0000(RP11-347C unprocessed chr16	30218220	30221930	+	0	0
ENSG0000(AC004449. lincRNA chr19	637105	637537	-	0	0
ENSG0000(NIFKP4 processed_chr15	75251743	75252934	-	0.1	0
ENSG0000(LINC00561 lincRNA chr13	75932395	75935132	-	0	0
ENSG0000(LA16c-361.antisense chr16	1751559	1752262	-	0	0
ENSG0000(RP11-452D processed_chr14	52286797	52289268	+	0.09	0
ENSG0000(SULT1C2P2 unprocessed chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(CLEC19A protein_co chr16	19285739	19322145	+	0	0
ENSG0000(RP1-80N2. lincRNA chr6	6680309	6683633	-	0.13	0.13
ENSG0000(RP3-507I15 lincRNA chrX	1.41E+08	1.41E+08	-	0	0.29
ENSG0000(RP11-510C lincRNA chr1	75122518	75123927	-	0	0
ENSG0000(RP11-195F processed_chr9	34661903	34666029	-	0.19	0.09
ENSG0000(RP11-166B antisense chr16	11908208	11908916	+	0.91	0
ENSG0000(BCAP31P1 unprocessed chr16	33988406	33991551	-	0	0
ENSG0000(RP11-960L. lincRNA chr16	81738248	81767868	+	0	0
ENSG0000(RP11-344A lincRNA chr15	57720295	57720928	+	0	0
ENSG0000(RP11-629C lincRNA chr8	1.34E+08	1.34E+08	+	2.66	4.33
ENSG0000(ZNF865 protein_co chr19	55605405	55617269	+	4.36	4.62
ENSG0000(CTD-2006K lincRNA chr17	74599840	74607229	+	0	0
ENSG0000(RP11-830F sense_intr chr16	88936779	88939651	-	0	0
ENSG0000(AC140912. lincRNA chr16	73232055	73233970	+	0	0
ENSG0000(RP11-38G5 lincRNA chr15	79843547	79844304	-	0.17	0
ENSG0000(LINC02133 lincRNA chr16	47724568	47908431	+	0	0
ENSG0000(RP11-331H processed_chr15	76472099	76472365	+	0	0
ENSG0000(ABCD1P3 unprocessed chr16	32475051	32478250	-	0	0
ENSG0000(RP11-356C processed_chr16	65938189	65938453	-	0	0
ENSG0000(RP11-510J.antisense chr16	82044336	82139631	-	0	0
ENSG0000(BOP1 protein_co chr8	1.44E+08	1.44E+08	-	6.48	8.85
ENSG0000(AC009166.antisense chr16	51149239	51149819	+	0	0
ENSG0000(ANKRD26P transcribed chr16	46469341	46569097	-	0.01	0.01
ENSG0000(RP11-304L.antisense chr16	2112335	2113342	+	0.17	0
ENSG0000(LINC02128 lincRNA chr16	50884209	50901061	+	0	0

ENSG00000100000	CTD-2302E antisense	chr14	63543569	63544664	+	0	0.12
ENSG00000100000	RP11-517C antisense	chr16	84495599	84497495	+	0	0
ENSG00000100000	RP11-114H lincRNA	chr15	77916522	77922019	+	0	0
ENSG00000100000	RP11-120K unprocessed	chr16	31361278	31361695	-	0	0
ENSG00000100000	GOLGA8T protein_coding	chr15	30135149	30145567	+	0.49	0.42
ENSG00000100000	AC009120. lincRNA	chr16	74282415	74287519	+	0	0
ENSG00000100000	LINC01751 lincRNA	chr20	7302056	7307432	-	0	0
ENSG00000100000	RP11-545A antisense	chr1	1.8E+08	1.8E+08	-	0	0
ENSG00000100000	RP3-388M1 antisense	chr22	43812456	43817394	+	0.12	0.3
ENSG00000100000	AC137932. antisense	chr16	89321133	89325110	+	0	0
ENSG00000100000	RP11-673E lincRNA	chr11	1.26E+08	1.26E+08	-	0	0
ENSG00000100000	RP11-19N8 transcribed	chr16	32951993	33028037	-	0	0
ENSG00000100000	CTD-2520L lincRNA	chr16	71301583	71302869	+	0	0
ENSG00000100000	RP11-297L lincRNA	chr16	52622115	52631088	+	0	0
ENSG00000100000	RP11-586K transcribed	chr16	32650195	32650910	-	0	0
ENSG00000100000	CTD-2515H lincRNA	chr15	57527187	57529009	-	0	0
ENSG00000100000	CTD-2196E antisense	chr16	23687049	23687689	-	0	0
ENSG00000100000	RP11-441I1 antisense	chr16	48559661	48587403	+	0	0
ENSG00000100000	RP11-308D lincRNA	chr4	1.4E+08	1.4E+08	-	0	0
ENSG00000100000	RP11-389C sense_intronic	chr5	72439903	72442387	-	0	0
ENSG00000100000	RP11-325K sense_intronic	chr16	56940278	56941342	+	0.69	1.83
ENSG00000100000	MUC22 protein_coding	chr6	31010474	31035402	+	0	0
ENSG00000100000	LA16c-444 lincRNA	chr16	88234785	88302511	+	0	0
ENSG00000100000	TP53TG3G1 processed	chr16	35207903	35208236	-	0	0
ENSG00000100000	RP11-760D lincRNA	chr7	56493124	56497285	+	0	0
ENSG00000100000	RP11-554A antisense	chr11	69004394	69005100	+	0	0
ENSG00000100000	OR4H6P transcribed	chr15	22056709	22057949	+	0	0
ENSG00000100000	RP11-430C processed	chr16	60024578	60025141	-	0	0
ENSG00000100000	ULK4P1 transcribed	chr15	32406597	32434992	-	0	0.17
ENSG00000100000	RP11-361N transcribed	chr15	72682266	72682904	-	0	0
ENSG00000100000	SOD1P2 processed	chr16	51107571	51108021	+	0	0
ENSG00000100000	RBM22P13 processed	chr16	31863633	31864876	+	0	0
ENSG00000100000	RP11-481E lincRNA	chr16	82495993	82510919	-	0	0
ENSG00000100000	RP11-517C antisense	chr16	84459259	84467361	-	0.07	0.12
ENSG00000100000	RP11-20I23 sense_intronic	chr16	2554975	2556105	+	0	0
ENSG00000100000	RP11-170L processed	chr16	31952160	31952473	+	0	0
ENSG00000100000	CYP4A44P unprocessed	chr1	47002995	47003148	-	0	0
ENSG00000100000	RP11-295N sense_intronic	chr16	53168522	53169450	+	0	0
ENSG00000100000	RP11-389G lincRNA	chr3	97759523	97761532	+	0	0
ENSG00000100000	RP11-276H antisense	chr16	12093627	12095307	-	0	0
ENSG00000100000	RP11-616N antisense	chr16	1206560	1207124	-	0	0
ENSG00000100000	RP11-299H lincRNA	chr15	62274163	62278365	+	0	0.02
ENSG00000100000	RP11-309N lincRNA	chr2	2.34E+08	2.34E+08	+	0	0
ENSG00000100000	C2orf69P3 processed	chr16	35425364	35426483	+	0	0
ENSG00000100000	RP11-343H antisense	chr16	56708772	56729968	-	0.09	0

ENSG00000100000	RP11-160C transcribed	chr15	78660644	78735495	+	0	0
ENSG00000100000	CTD-2125J lincRNA	chr15	34651135	34655764	-	0	0
ENSG00000100000	RP4-584D1 sense	chr7	1.5E+08	1.5E+08	+	0.23	0
ENSG00000100000	RP11-157P lincRNA	chr18	47501172	47558383	+	0	0
ENSG00000100000	FIGNL2 protein	chr12	51817840	51848766	-	0.06	0.07
ENSG00000100000	RP11-354I1 lincRNA	chr16	60486819	60523250	-	0	0
ENSG00000100000	AC002550 antisense	chr16	19706351	19715383	+	0	0
ENSG00000100000	RP11-2C15 lincRNA	chr16	75838630	75860867	-	0	0
ENSG00000100000	RP11-359E sense	chr1	2.12E+08	2.12E+08	-	0	0
ENSG00000100000	LARP4P transcribed	chr15	36617089	36619265	+	0	0
ENSG00000100000	LINC01834 lincRNA	chr19	30907199	30909155	+	0	0
ENSG00000100000	RP11-566K antisense	chr16	89969791	89972544	+	0.15	0.09
ENSG00000100000	RP11-653J antisense	chr15	66278498	66293357	-	0	0
ENSG00000100000	LINC02152 lincRNA	chr16	8298492	8299772	+	0	0
ENSG00000100000	RP11-297D lincRNA	chr16	67430667	67431464	-	0	0
ENSG00000100000	RP11-174G sense	chr12	14762504	14767931	-	0.36	0.18
ENSG00000100000	LINC02192 lincRNA	chr16	47849314	47887130	-	0	0
ENSG00000100000	LINC01355 lincRNA	chr1	23281309	23286752	-	0.6	0.6
ENSG00000100000	RP11-863P lincRNA	chr16	88177298	88178941	-	2.3	2.33
ENSG00000100000	CTD-2049C antisense	chr16	27678940	27718806	-	0	0
ENSG00000100000	RP11-281J processed	chr16	77892422	77892915	+	0	0
ENSG00000100000	RP11-297C antisense	chr16	30498766	30499554	-	0	0
ENSG00000100000	CD24P2 processed	chr15	56071421	56071639	+	0	0
ENSG00000100000	RP11-65J3 lincRNA	chr9	1.29E+08	1.29E+08	-	0.09	0.03
ENSG00000100000	RP11-318A antisense	chr17	76671942	76673658	+	0	0.04
ENSG00000100000	EIF4BP5 processed	chr16	47565090	47566884	-	0.03	0
ENSG00000100000	RP11-378A sense	chr2	2.18E+08	2.18E+08	+	0.61	0.7
ENSG00000100000	LINC01616 lincRNA	chr11	29980113	29982392	-	0	0
ENSG00000100000	CTD-2568A protein	chr19	50776141	50793142	-	0	0
ENSG00000100000	AC006538 sense	chr19	2727743	2729327	-	0.29	0.16
ENSG00000100000	RP11-297C antisense	chr16	30477180	30489353	-	0	0
ENSG00000100000	AP000439 lincRNA	chr11	69467598	69469705	+	0	0
ENSG00000100000	LINC02136 lincRNA	chr16	71410440	71426464	-	0	0
ENSG00000100000	RP3-465N2 unprocessed	chr1	25266102	25267136	-	0	0.65
ENSG00000100000	RP11-80F2 lincRNA	chr16	35491174	35492395	-	0	0
ENSG00000100000	CTD-3185P antisense	chr15	66488658	66492109	-	0.07	0.1
ENSG00000100000	CTA-14H9 lincRNA	chr6	26527063	26527404	+	1.39	2.44
ENSG00000100000	RP11-46D6 processed	chr16	46571537	46572136	+	0	0
ENSG00000100000	RP11-626G lincRNA	chr16	19065991	19066694	+	0	0
ENSG00000100000	PYCARD-AS antisense	chr16	31201885	31203452	+	0.33	0.12
ENSG00000100000	CTD-2165H antisense	chr5	14661808	14664604	-	0.18	0.24
ENSG00000100000	RP11-467N processed	chr16	16541217	16541847	-	0	0
ENSG00000100000	RP11-134D lincRNA	chr16	87066705	87069752	+	0	0
ENSG00000100000	RP11-59E1 lincRNA	chr3	1.09E+08	1.09E+08	-	0	0.07
ENSG00000100000	RP11-483E unprocessed	chr15	28473322	28473448	-	0	0

ENSG0000(MANEA-AS antisense)	chr6	95575183	95577450	-	0.15	0.13
ENSG0000(RP11-455F antisense)	chr16	30107675	30110541	+	0.31	0.32
ENSG0000(RP11-96B5 lincRNA)	chr10	50964270	50965220	+	0	0
ENSG0000(RP11-474B antisense)	chr16	47299447	47317814	+	0	0
ENSG0000(PECAM1 protein_co)	chr17	64319415	64413776	-	0.42	0.54
ENSG0000(VPS9D1-AS antisense)	chr16	89711856	89718165	+	0.93	0.57
ENSG0000(RP11-632K unprocessε)	chr15	32489267	32491586	-	0	0
ENSG0000(RP11-525K lincRNA)	chr16	80179129	80180682	+	0	0
ENSG0000(PDCD6IPP2 transcribec)	chr15	28789664	28859007	+	0.92	1.17
ENSG0000(RP11-395N sense_intrε)	chr2	2.27E+08	2.27E+08	+	0.06	0.07
ENSG0000(RP11-461L lincRNA)	chr5	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP11-60L3 sense_intrε)	chr15	74303005	74304343	+	0	0
ENSG0000(RP11-388N antisense)	chr16	31131433	31131877	+	0	0
ENSG0000(CTD-2012K lincRNA)	chr16	67549214	67563958	-	0.45	0.16
ENSG0000(MAFTRR lincRNA)	chr16	79715232	79770563	-	0.03	0
ENSG0000(RP11-586K processed_)	chr16	32715931	32716056	+	0	0
ENSG0000(RP11-473I1 lincRNA)	chr16	9068554	9072412	+	0	0.09
ENSG0000(RP11-21B2 antisense)	chr16	50368580	50371480	+	0	0
ENSG0000(RP11-165N antisense)	chr16	12366982	12372582	-	0	0
ENSG0000(HSPE1P5 transcribec)	chr16	68686399	68686670	+	0	0
ENSG0000(CTD-2012K antisense)	chr16	67538557	67540106	-	0	0
ENSG0000(LINC01177 lincRNA)	chr16	9441294	9444985	-	0	0
ENSG0000(RP11-244B lincRNA)	chr16	35195779	35197544	+	0	0
ENSG0000(LA16c-329I antisense)	chr16	1713527	1714208	-	0	0
ENSG0000(AC011525 lincRNA)	chr19	31588040	31595720	-	0	0
ENSG0000(RP11-578F unprocessε)	chr15	28332237	28336609	+	0	0.1
ENSG0000(RP11-378Iε lincRNA)	chr9	19926094	19929937	+	0	0
ENSG0000(RP11-114H lincRNA)	chr15	77954075	77963654	-	0	0
ENSG0000(AC009120 lincRNA)	chr16	74054151	74296762	-	0	0.22
ENSG0000(RP11-23E1 transcribec)	chr16	33562649	33570935	-	0	0.29
ENSG0000(RP11-326A antisense)	chr15	89087078	89088267	-	0	0
ENSG0000(TEN1-CDK3 protein_co)	chr17	75979231	76005999	+	0.44	0.38
ENSG0000(RP6-24A23 sense_ovei)	chrX	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-543N antisense)	chr16	83383007	83398170	-	0	0
ENSG0000(RP11-268G lincRNA)	chr20	11685144	11687323	-	0	0
ENSG0000(RP11-455F antisense)	chr16	30183505	30184957	-	0	0
ENSG0000(RP11-529J unprocessε)	chr15	23430839	23435212	+	0	0
ENSG0000(RP11-57A1 unprocessε)	chr16	28659696	28740781	-	0	0
ENSG0000(RP1-168L1 antisense)	chr6	1.66E+08	1.66E+08	+	0.03	0
ENSG0000(RP11-22D3 lincRNA)	chr16	49159508	49162023	+	0	0
ENSG0000(RP11-1007 lincRNA)	chr15	72407778	72475168	-	0.45	0.5
ENSG0000(ATP5F1P7 processed_)	chr16	75709056	75709815	-	0	0
ENSG0000(AC144833 sense_intrε)	chr15	27362310	27366398	+	0	0
ENSG0000(CTD-2349B protein_co)	chr16	19114002	19173578	+	0	0
ENSG0000(RP11-16P6 antisense)	chr2	2.23E+08	2.23E+08	-	0.16	0.13

ENSG0000(DPPA2P4 processed_ chr16	56686851	56688052	+	0	0
ENSG0000(LA16c-390l sense_intr chr16	1467673	1472684	-	0	0
ENSG0000(RP4-616B8 antisense chr20	38961925	38962111	-	2.39	0
ENSG0000(LINC01613 lincRNA chr9	1.2E+08	1.2E+08	+	0	0
ENSG0000(CTC-297N7 lincRNA chr17	10658542	10659082	-	0	0
ENSG0000(CTD-2083E sense_ovei chr5	195778	196341	+	0	0
ENSG0000(RP13-126P lincRNA chrX	39837536	39848358	-	0	0
ENSG0000(RP11-3541l lincRNA chr16	60359842	60442245	+	0	0
ENSG0000(RP11-22C1 antisense chr8	94637285	94639467	-	0	0
ENSG0000(RP11-399C sense_ovei chr10	89015836	89017059	+	0.87	1.22
ENSG0000(DKFZP434f antisense chr16	56192614	56194518	-	0	0
ENSG0000(DUX4L45 processed_ chr16	34135736	34136792	-	0	0
ENSG0000(RP11-217B antisense chr15	89335053	89336161	+	0.35	0
ENSG0000(RP11-709D antisense chr16	4634329	4640623	-	0	0
ENSG0000(RP11-347C unprocessε chr16	30214409	30214699	+	0	0
ENSG0000(RP11-80F2 lincRNA chr16	35493754	35496457	-	0	0
ENSG0000(LINC00559 lincRNA chr13	90060247	90119719	-	0	0
ENSG0000(RP11-109D lincRNA chr9	69672749	69673713	+	0	0
ENSG0000(CTD-2576D antisense chr16	17134504	17138736	+	0	0
ENSG0000(RP11-589C antisense chr8	42151772	42152763	-	0	0
ENSG0000(RP11-981G sense_ovei chr8	10433672	10438312	+	0.01	0.01
ENSG0000(LINC01735 lincRNA chr1	2.09E+08	2.09E+08	-	0	0
ENSG0000(LINC01003 lincRNA chr7	1.52E+08	1.52E+08	+	2.68	3.02
ENSG0000(TUBB8 protein_co chr10	46892	74163	-	0	0
ENSG0000(AC002519. transcribed chr16	31802947	31807973	+	0	0
ENSG0000(RP11-787D unprocessε chr16	74842587	74843883	+	0	0
ENSG0000(AC002310. protein_co chr16	30525923	30534852	-	0	0
ENSG0000(RP11-106N antisense chr15	72278867	72351794	+	0	0.02
ENSG0000(UBE2MP1 processed_ chr16	35169692	35170241	-	0	0
ENSG0000(CTA-2540f lincRNA chr7	87109539	87111282	+	0	0
ENSG0000(RP11-626G antisense chr16	19062499	19067691	-	0	0
ENSG0000(RP11-23E1 lincRNA chr16	33548297	33554408	-	0.72	0.67
ENSG0000(RP11-731K lincRNA chr7	73985992	73988767	+	0.06	0.09
ENSG0000(RP11-1024 sense_ovei chr3	30697661	30699576	+	0.61	0.48
ENSG0000(RP11-96D1 sense_intr chr16	68236845	68237667	-	0	0
ENSG0000(RP11-152C antisense chr16	52078622	52080489	+	0	0
ENSG0000(RP11-61F1 antisense chr16	84594393	84596826	+	0	0
ENSG0000(RP11-467l lincRNA chr16	79505603	79516293	+	0	0
ENSG0000(RP11-452L lincRNA chr16	31449535	31453493	-	0.53	1.16
ENSG0000(LINC02190 lincRNA chr16	31549143	31553567	-	0	0
ENSG0000(RP11-77K1 sense_intr chr16	75458252	75460017	-	0.07	0
ENSG0000(RP11-429B lincRNA chr15	89508961	89510416	+	0	0
ENSG0000(GOLGA8M lincRNA chr15	28719377	28738431	-	0.39	0.42
ENSG0000(RP11-77H9 antisense chr16	8869251	8870032	+	0	0
ENSG0000(RP11-673P antisense chr16	27066928	27067858	-	0	0

ENSG0000(PAN3-AS1 antisense chr13	28136843	28138193	-	0.77	1.51
ENSG0000(RARRES2P processed_chr16	35344091	35344559	-	0	0
ENSG0000(AC135048. processed_chr16	30948386	30956511	+	7.37	7.35
ENSG0000(RP11-757F antisense chr3	1.12E+08	1.12E+08	+	0.84	0.73
ENSG0000(CTD-2515H lincRNA chr15	57477484	57478329	-	0	0
ENSG0000(RP11-448G sense_ovei chr4	10068089	10073019	-	0.52	0.59
ENSG0000(DNM1P31 unprocessε chr15	32384937	32387484	+	0	0
ENSG0000(RP11-483E unprocessε chr15	28362796	28365731	-	0	0
ENSG0000(LINC00566 lincRNA chr13	24331450	24337121	+	0	0
ENSG0000(CH17-260C unprocessε chr17	36274191	36320547	+	0.42	0.53
ENSG0000(RP11-63B1 lincRNA chr4	1.22E+08	1.22E+08	+	0.03	0.13
ENSG0000(RP11-96H1 processed_chr16	63056786	63129654	-	0	0
ENSG0000(LINC01686 lincRNA chr1	1.83E+08	1.83E+08	+	0	0.05
ENSG0000(LA16c-358I antisense chr16	1317891	1322845	-	0	0
ENSG0000(RP11-1437 lincRNA chr16	33206431	33330342	-	0	0
ENSG0000(TP53TG3B protein_co chr16	33360274	33363478	+	0	0.21
ENSG0000(CYP3A137F unprocessε chr7	99820018	99820086	+	0	0
ENSG0000(RP11-46D6 lincRNA chr16	46622861	46624451	-	4.06	4.08
ENSG0000(RP11-432Iε antisense chr16	71723180	71724230	+	0.17	0.18
ENSG0000(LINC01976 lincRNA chr17	43938363	43938959	+	0	0
ENSG0000(VN1R70P processed_chr16	35836886	35837732	+	0	0
ENSG0000(LINC00558 lincRNA chr13	53815419	53876119	+	0	0
ENSG0000(RP11-403P lincRNA chr16	66549280	66551189	+	0	0
ENSG0000(DLGAP1-AS antisense chr18	4264602	4295405	+	0	0
ENSG0000(RP11-407P transcribed chr2	94575976	94587183	-	0	0
ENSG0000(RP11-82O1 antisense chr16	14695567	14707055	-	0	0.01
ENSG0000(ABCB10P3 processed_chr15	28402868	28405033	+	0	0
ENSG0000(CTB-31O2C lincRNA chr19	1874871	1876169	-	1.75	2.23
ENSG0000(RP11-343C processed_chr16	69443240	69444290	-	0	0
ENSG0000(AC002400. processed_chr16	23500905	23501630	+	0	0
ENSG0000(RP13-487P sense_intrε chr15	25345633	25347235	-	0	0
ENSG0000(RP11-304L lincRNA chr16	2211997	2212863	+	0	0
ENSG0000(RP11-244C sense_ovei chr9	1.22E+08	1.22E+08	-	0.52	0.47
ENSG0000(CTA-305I2. antisense chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(ABHD17AP unprocessε chr16	33140850	33143797	+	0	0
ENSG0000(RP11-319G sense_intrε chr16	78994345	79004730	+	0	0
ENSG0000(RP11-3M1. sense_ovei chr16	48164952	48167238	-	0	0
ENSG0000(RP11-281Jε antisense chr16	78014683	78059454	-	0	0
ENSG0000(RP11-626K lincRNA chr16	32454612	32458758	-	0.05	0.11
ENSG0000(RP11-16E1 lincRNA chr8	63215981	63218034	+	0.03	0.03
ENSG0000(RP11-665Jε antisense chr15	74152800	74179226	-	0	0
ENSG0000(RP11-16E2 sense_intrε chr15	65766460	65767398	-	0	0
ENSG0000(CTD-2555A antisense chr16	89113175	89115279	-	0	0
ENSG0000(HLA-P unprocessε chr6	29800415	29802425	+	0	0
ENSG0000(RP11-320A processed_chr15	88989519	88990245	-	0	0

ENSG0000(RP11-264B antisense chr16	28989140	28990778	-	0	0
ENSG0000(RP11-29G8 processed_ chr13	75549773	75807120	+	0.15	0.18
ENSG0000(RP11-810K processed_ chr15	20893383	20893980	-	0	0
ENSG0000(CTD-3229J lincRNA chr16	17825252	17826906	+	0	0
ENSG0000(SMG1P7 transcribed chr16	70219574	70246610	-	5.79	5.15
ENSG0000(EEF1A1P38 processed_ chr16	27133483	27135179	-	0.04	0.28
ENSG0000(LINC01859 lincRNA chr19	23015075	23023697	-	0	0
ENSG0000(FSCN1P1 processed_ chr15	34494420	34495900	+	0	0
ENSG0000(RP11-166B sense_intron chr16	11881075	11882569	-	0.12	0.13
ENSG0000(RP11-536P unprocessed chr15	28346490	28346647	+	0	0
ENSG0000(RP11-616M unprocessed chr16	1273751	1276522	-	0	0
ENSG0000(CTD-2144E lincRNA chr16	35022851	35024250	-	0	0
ENSG0000(RP11-524C lincRNA chr6	22220781	22222395	+	0.18	0.15
ENSG0000(RP11-586K lincRNA chr16	32649193	32663956	+	0	0
ENSG0000(RP11-744I antisense chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000(RP11-384L sense_intron chr3	32236688	32238578	-	0	0.03
ENSG0000(RP11-553K antisense chr1	1.99E+08	1.99E+08	-	0	0
ENSG0000(RP1-168P1 sense_intron chr16	89392375	89412564	-	0	0
ENSG0000(RP11-259G transcribed chr17	46267037	46268694	+	0	0.52
ENSG0000(RP11-21L2 sense_overlapping chr11	76800364	76804555	+	0.17	0.1
ENSG0000(ENPP7P13 processed_ chr16	33769421	33769679	+	0	0
ENSG0000(HERC2P11 unprocessed chr15	28575019	28579400	-	0	0
ENSG0000(RP4-614O4 protein_coding chr20	35267885	35280043	-	0	0
ENSG0000(CTD-2385L antisense chr16	23711990	23712793	+	0	0
ENSG0000(RP11-457M lincRNA chr6	26686241	26687964	+	0.31	0.25
ENSG0000(RP11-923I lincRNA chr12	51817899	51820150	+	0	0
ENSG0000(TMEM249 protein_coding chr8	1.44E+08	1.44E+08	-	0.09	0.04
ENSG0000(AC002310 processed_ chr16	30587662	30587920	-	2.45	1.08
ENSG0000(RP11-457D processed_ chr16	60357214	60357474	+	0	0
ENSG0000(RP11-178L antisense chr16	87396704	87400295	-	0	0.05
ENSG0000(CYP4A27P unprocessed chr1	47000898	47001087	-	0	0
ENSG0000(TPBGL protein_coding chr11	75240905	75243697	+	0.06	0.04
ENSG0000(RP11-426L antisense chr1	1.13E+08	1.13E+08	+	0	0.03
ENSG0000(CTB-31N19 sense_intron chr16	21626742	21627569	+	0.08	0.17
ENSG0000(RP11-107D lincRNA chr15	24299749	24300638	+	0	0
ENSG0000(HERC2P8 transcribed chr16	33094204	33129090	-	1.02	1.05
ENSG0000(RP11-575H lincRNA chr2	91580336	91580863	+	0	0.46
ENSG0000(CTD-2033A antisense chr16	69709874	69710583	+	0	0
ENSG0000(PRSS46 protein_coding chr3	46719583	46736429	-	0	0
ENSG0000(CTD-2636A antisense chr5	43287601	43290839	+	0	0
ENSG0000(RP11-414J processed_ chr15	74816223	74831795	+	0	0
ENSG0000(RP11-812E unprocessed chr16	33948278	33948548	-	0	0
ENSG0000(SLC25A1P4 processed_ chr16	35173316	35174093	+	0	0
ENSG0000(GAN protein_coding chr16	81314952	81390884	+	0.58	0.64
ENSG0000(AP000265 lincRNA chr21	32259804	32261585	-	0.03	0

ENSG0000(AC010547. protein_co	chr16	71447600	71489311	-	0.33	0.26
ENSG0000(SUB1P3 processed_	chr16	4562814	4563128	-	0	0
ENSG0000(RP11-20I2 antisense	chr16	2554060	2556060	-	2.98	2.7
ENSG0000(CSDAP1 processed_	chr16	31568386	31569475	-	0	0
ENSG0000(LINC01858 lincRNA	chr19	23046958	23061752	-	0	0
ENSG0000(RP11-6O2 antisense	chr15	99139317	99145370	+	0	0
ENSG0000(LINC02177 lincRNA	chr16	9355588	9408093	+	0	0
ENSG0000(RP11-79H2 lincRNA	chr8	78837529	78840522	+	0.11	0.16
ENSG0000(HMGN2P4 processed_	chr16	35802869	35803280	-	0	0
ENSG0000(RP11-580I lincRNA	chr15	24235078	24276829	+	0	0
ENSG0000(RP11-484P lincRNA	chr15	23912409	23941716	+	0	0
ENSG0000(LINC02179 lincRNA	chr16	49466106	49469875	+	0	0
ENSG0000(NDUFB10P processed_	chr7	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-554A sense_ove	chr11	69000765	69002048	-	1.41	1.91
ENSG0000(RP11-91I8. lincRNA	chr18	6641971	6642478	-	0	0
ENSG0000(RP11-540B unprocess	chr15	30899480	30900327	+	0	0
ENSG0000(RP5-842K1 antisense	chr7	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-357N antisense	chr16	53981229	53981912	-	0.13	0
ENSG0000(RP11-390D antisense	chr15	71972206	72040265	+	0	0
ENSG0000(RP11-405F antisense	chr16	57622034	57631647	-	0	0
ENSG0000(RP11-352D antisense	chr15	69278328	69298763	-	0	0
ENSG0000(RP11-618N processed_	chr15	36613474	36614198	+	0	0
ENSG0000(LINC02191 lincRNA	chr16	25419814	25424169	-	0	0
ENSG0000(LINC02127 lincRNA	chr16	51017758	51035777	+	0	0
ENSG0000(RP11-700H lincRNA	chr16	58847807	58880213	-	0	0
ENSG0000(LA16c-390I antisense	chr16	1445343	1446519	+	0.05	0
ENSG0000(RP11-309H lincRNA	chr1	1.91E+08	1.91E+08	+	0	0.04
ENSG0000(RP11-529E sense_ove	chr4	3503597	3504457	-	0.36	0.48
ENSG0000(RP11-327F antisense	chr16	50727417	50742815	-	0.12	0.23
ENSG0000(DISC1FP1 processed_	chr11	90251232	90915052	+	0	0
ENSG0000(RP11-489G lincRNA	chr4	1.73E+08	1.73E+08	-	0	0.06
ENSG0000(IMPDH1P1 processed_	chr16	10111382	10112885	+	0	0
ENSG0000(CTD-2014E lincRNA	chr16	31546698	31547237	-	0	0
ENSG0000(GOLGA6L7 protein_co	chr15	28841833	28848675	-	0	0
ENSG0000(RP11-474D lincRNA	chr12	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-899L antisense	chr16	87215915	87216452	+	0	0
ENSG0000(C15orf65 protein_co	chr15	55408548	55418764	+	1.8	3.42
ENSG0000(RP11-21L1. lincRNA	chr16	63935778	63936906	+	0.16	0.31
ENSG0000(RP11-96K1 sense_ove	chr1	1.11E+08	1.11E+08	-	0.04	0.06
ENSG0000(CTD-3064N sense_ove	chr8	1.41E+08	1.41E+08	-	0	0
ENSG0000(BEAN1-AS1 antisense	chr16	66469796	66481230	-	0.16	0
ENSG0000(LA16c-313I processed_	chr16	689001	692554	+	0.65	0.7
ENSG0000(RP5-1042I sense_ove	chr1	1.2E+08	1.2E+08	-	0.77	0.56
ENSG0000(RP11-304L antisense	chr16	2240487	2241818	+	0	0
ENSG0000(TTC39A-AS antisense	chr1	51329654	51335324	+	0	0

ENSG0000(TUBAP4	transcribed	chr15	83739784	83740199	+	0	0
ENSG0000(LINC00560	lincRNA	chr13	88626853	88630397	+	0	0
ENSG0000(LY6L	protein_co	chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-50D9	antisense	chr4	1.28E+08	1.28E+08	-	0	0
ENSG0000(CTD-2515A	antisense	chr16	24803451	24819739	-	0	0
ENSG0000(RP11-1C8.5	lincRNA	chr8	1.03E+08	1.03E+08	+	0.11	0.04
ENSG0000(RP11-573G	lincRNA	chr10	22257786	22258548	+	0.17	0.19
ENSG0000(RP11-475B	lincRNA	chr4	1.74E+08	1.74E+08	+	0.21	0.16
ENSG0000(RP11-328J	lincRNA	chr16	72224565	72225144	-	0.22	0
ENSG0000(RP5-1119A	sense_ove	chr22	36560870	36562915	-	0	0
ENSG0000(SCRT1	protein_co	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(ATP5HP1	processed_	chr15	43267904	43268388	-	0	0
ENSG0000(RP11-146F	processed_	chr16	30624285	30624714	-	0	0
ENSG0000(RP11-19N8	lincRNA	chr16	33129316	33134499	+	0	0
ENSG0000(LINC00838	lincRNA	chr10	33759713	33772658	-	0	0
ENSG0000(RP11-265N	antisense	chr15	42531867	42532840	-	0	0
ENSG0000(RP11-473C	antisense	chr15	43184079	43185141	-	0	0
ENSG0000(AGGF1P4	processed_	chr16	35389203	35390003	-	0	0
ENSG0000(LA16c-366l	antisense	chr16	547185	553847	-	0	0
ENSG0000(RP1-168P1	sense_intr	chr16	89420075	89422226	-	0	0.22
ENSG0000(RP13-467H	antisense	chr8	1.42E+08	1.42E+08	+	0	0.04
ENSG0000(RP11-719K	antisense	chr16	14734685	14746177	-	0	0.01
ENSG0000(RP11-354P	lincRNA	chr9	21394888	21396346	-	0	0
ENSG0000(RP11-178L	sense_intr	chr16	87262759	87292438	-	0	0.04
ENSG0000(HPR	protein_co	chr16	72063224	72077246	+	0	0
ENSG0000(RP11-282N	processed_	chr15	67974391	67974625	-	0	0
ENSG0000(LINC02168	lincRNA	chr16	50806668	50807629	+	0	0
ENSG0000(IGHV10R1	IG_V_pseu	chr16	32034853	32035326	+	0	0
ENSG0000(LINC00165	lincRNA	chr21	44994362	44995185	-	0	0
ENSG0000(RP11-264N	antisense	chr16	77741468	77743000	-	0	0
ENSG0000(DNM1P32	unprocess	chr15	32436503	32439767	+	0	0
ENSG0000(SNORA11	snoRNA	chr15	45214906	45215033	-	0	0
ENSG0000(RP11-953B	lincRNA	chr8	1.42E+08	1.42E+08	+	0	0
ENSG0000(FRG2DP	transcribed	chr16	35477414	35480481	-	0	0
ENSG0000(SSTR5-AS1	processed_	chr16	1064093	1078731	-	0	0
ENSG0000(CTD-2562G	processed_	chr15	75415249	75416020	+	0	0
ENSG0000(LINC01477	lincRNA	chr18	40066286	40099233	+	0	0
ENSG0000(RP11-196G	sense_ove	chr1	1.5E+08	1.5E+08	-	1.09	1.02
ENSG0000(RP11-77K1	protein_co	chr16	75412684	75464706	-	0	0
ENSG0000(RP11-67H2	processed_	chr16	32811029	32811251	-	0	0
ENSG0000(RP11-161N	lincRNA	chr16	1065240	1066502	+	0	0
ENSG0000(RP11-679B	lincRNA	chr16	79212711	79229453	-	0	0
ENSG0000(CTD-2196E	antisense	chr16	23605841	23624107	+	0	0
ENSG0000(RP11-480G	processed_	chr16	46850999	46851254	+	0	0
ENSG0000(RP11-1166	transcribed	chr16	32008438	32084785	-	0	0

ENSG00000103070	RP11-307C lincRNA	chr13	34925834	34928076	-	0	0
ENSG00000103071	GS1-204I1.2 lincRNA	chr1	1.86E+08	1.86E+08	+	0	0
ENSG00000103072	RP4-668J2.4 antisense	chr6	1383790	1385066	-	0.05	0
ENSG00000103073	CTD-2358C antisense	chr16	31709113	31711984	-	0	0
ENSG00000103074	LA16c-431I protein_coding	chr16	1632259	1686715	+	0.3	0.24
ENSG00000103075	RP11-669C lincRNA	chr3	20388249	20390562	+	0	0
ENSG00000103076	AC002551.1 sense_intronic	chr16	27643199	27644663	+	0	0.08
ENSG00000103077	RP4-612B1 antisense	chr1	86703502	86704462	-	1.34	1.9
ENSG00000103078	MIR3976H1 lincRNA	chr18	5748819	5876328	+	0	0
ENSG00000103079	GOLGA8S protein_coding	chr15	23354748	23367231	+	0.13	0.2
ENSG00000103080	RP11-345J.4 protein_coding	chr16	29443230	29454651	-	11.94	9.38
ENSG00000103081	FRG2KP transcribed	chr16	31563082	31567716	-	0	0
ENSG00000103082	LINC00922 lincRNA	chr16	65284499	65576300	-	0.15	0.13
ENSG00000103083	RP11-2K6.2 lincRNA	chr16	63368844	63369456	+	0	0
ENSG00000103084	RP11-21B2 antisense	chr16	88512960	88531053	-	0	0
ENSG00000103085	RP11-506E sense_intronic	chr6	53125644	53126146	-	0	0
ENSG00000103086	RP11-932C unprocessed	chr15	30153933	30154110	-	0	0
ENSG00000103087	RP11-419L processed	chr16	16952502	16953468	-	0	0
ENSG00000103088	LINC02180 lincRNA	chr16	52085280	52099067	+	0	0
ENSG00000103089	RP11-305A lincRNA	chr16	49920730	49924154	-	0	0
ENSG00000103090	AGGF1P8 processed	chr16	35258630	35259629	+	0	0
ENSG00000103091	CTC-523E2 lincRNA	chr19	34811589	34814345	-	0	0
ENSG00000103092	AC005592.1 lincRNA	chr5	1.43E+08	1.43E+08	+	0	0
ENSG00000103093	RP11-102M antisense	chr3	1.37E+08	1.37E+08	+	0.05	0.02
ENSG00000103094	RP11-626G antisense	chr16	19119976	19121629	-	0	0
ENSG00000103095	RP11-1223 transcribed	chr2	1.1E+08	1.1E+08	+	1.13	0.71
ENSG00000103096	RP11-103J processed	chr4	37001816	37020708	+	0	0
ENSG00000103097	RP11-650L antisense	chr15	78589123	78591276	-	0	0
ENSG00000103098	RP11-442N lincRNA	chr3	1.4E+08	1.4E+08	-	0	0
ENSG00000103099	KRT18P18 transcribed	chr16	72728616	72729894	+	0	0
ENSG00000103100	RP11-498D sense_intronic	chr16	71881553	71882273	-	0.38	0
ENSG00000103101	RP11-22P6 antisense	chr16	28862166	28863340	-	0.4	0.15
ENSG00000103102	CTC-459F4 lincRNA	chr19	27757184	27760849	-	0.19	0.06
ENSG00000103103	DYX1C1-CC processed	chr15	55355248	55498360	-	0	0.35
ENSG00000103104	WI2-89031 sense_intronic	chrX	1.55E+08	1.55E+08	-	0	0
ENSG00000103105	RP11-328J processed	chr16	72278268	72278568	+	0	0
ENSG00000103106	RP11-100I lincRNA	chr15	74489602	74516959	+	0	0.83
ENSG00000103107	RP11-358L processed	chr16	78055824	78056927	-	0	0
ENSG00000103108	RP11-529K processed	chr16	70315640	70346747	-	0.08	0.32
ENSG00000103109	RP5-1173P processed	chr7	1.41E+08	1.41E+08	-	0	0
ENSG00000103110	RP11-69H7 antisense	chr15	75211301	75212167	-	0	0
ENSG00000103111	CTD-2354A processed	chr18	73324941	73349878	+	0	0.09
ENSG00000103112	LINC01654 lincRNA	chr1	18065657	18074412	+	0	0
ENSG00000103113	RP11-43P5 processed	chr16	35879036	35879498	-	0	0
ENSG00000103114	RP11-252K sense_intronic	chr16	75379818	75381260	-	1.9	1.04

ENSG00000101084	RP4-555D2	lincRNA	chr3	44117299	44122365	+	0.04	0.09
ENSG00000101085	TCF24	protein_coding	chr8	66946501	66962590	-	0	0
ENSG00000101086	RP11-709D	antisense	chr16	4560001	4561662	-	0	0.07
ENSG00000101087	AC005606	lincRNA	chr16	1984877	1990357	-	0.27	0
ENSG00000101088	DNM1P28	unprocessed_transcript	chr15	30098826	30102093	-	0	0
ENSG00000101089	RP11-350C	protein_coding	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000101090	GOLGA8H	protein_coding	chr15	30604126	30614561	+	0.06	0.18
ENSG00000101091	RP11-90P1	lincRNA	chr7	161765	164972	-	0	0
ENSG00000101092	ISY1-RAB4	protein_coding	chr3	1.29E+08	1.29E+08	-	8.31	5.96
ENSG00000101093	RP11-744I2	lincRNA	chr7	1.42E+08	1.42E+08	-	0	0
ENSG00000101094	RP1-118J2	antisense	chr1	39788976	39790171	+	0	0
ENSG00000101095	RP11-283I3	sense_intronic	chr12	273954	277123	-	1.67	1.54
ENSG00000101096	RP11-244B	lincRNA	chr16	35143722	35144881	+	0	0
ENSG00000101097	LOXL1-AS1	antisense	chr15	73908071	73928248	-	4.98	7.1
ENSG00000101098	RP11-44I1C	sense_intronic	chr16	48447904	48448398	-	0	0
ENSG00000101099	LINC02140	lincRNA	chr16	54366007	54370699	-	0	0
ENSG00000101100	RP11-44F1	lincRNA	chr16	53373493	53384745	+	0.22	0.64
ENSG00000101101	LINC02141	lincRNA	chr16	59855353	60053973	+	0	0.02
ENSG00000101102	CYP3A54P	processed_transcript	chr7	4511959	4512033	-	0	0
ENSG00000101103	RP11-895K	antisense	chr16	10033684	10037297	+	0	0
ENSG00000101104	LINC02164	lincRNA	chr16	5215394	5220594	-	0	0
ENSG00000101105	TUBB8P7	transcribed_unit	chr16	90093154	90096354	+	0	0
ENSG00000101106	RP11-151H	processed_transcript	chr15	74976240	74976573	-	0	0
ENSG00000101107	RP11-22D3	lincRNA	chr16	49170552	49171786	+	0	0
ENSG00000101108	RP11-863P	lincRNA	chr16	88191486	88193667	-	0	0
ENSG00000101109	RP11-502H	lincRNA	chr1	1.8E+08	1.8E+08	-	0	0
ENSG00000101110	RP11-351A	lincRNA	chr16	65580668	65646947	+	0	0
ENSG00000101111	RP11-680G	processed_transcript	chr16	14988259	14990160	-	0.19	0.18
ENSG00000101112	DNM1P49	unprocessed_transcript	chr15	75791470	75792683	-	0	0
ENSG00000101113	CTD-2311N	antisense	chr15	74365435	74371211	+	0.14	0.11
ENSG00000101114	RP11-265N	antisense	chr15	42567031	42569994	-	0	0.28
ENSG00000101115	RP11-48G1	lincRNA	chr15	56408483	56410186	-	0	0
ENSG00000101116	LINC00662	lincRNA	chr19	27684580	27793940	-	8.72	6.85
ENSG00000101117	RP11-691G	lincRNA	chr3	1.41E+08	1.41E+08	-	0	0
ENSG00000101118	RP11-223I1	sense_intronic	chr2	2.31E+08	2.31E+08	+	0.12	0
ENSG00000101119	RP11-533E	lincRNA	chr1	1.8E+08	1.8E+08	-	0	0
ENSG00000101120	RP11-435I1	protein_coding	chr16	28456371	28492098	-	0.87	1.56
ENSG00000101121	RP11-58C2	protein_coding	chr16	76553417	76819624	+	0	0
ENSG00000101122	IGHV3OR1	IG_V_pseudogene	chr16	32903442	32903894	+	0	0
ENSG00000101123	RP11-429P	unprocessed_transcript	chr16	50046496	50047798	+	0	0
ENSG00000101124	RP11-264L	sense_intronic	chr16	78534374	78535648	+	0	0
ENSG00000101125	RP11-303E	antisense	chr16	81069854	81076598	+	0.21	0
ENSG00000101126	RP1-265C2	lincRNA	chr6	28136849	28139678	+	0.12	0.02
ENSG00000101127	RP11-146F	antisense	chr16	30697707	30699058	-	0.57	0.36
ENSG00000101128	RP11-143I2	lincRNA	chr7	1.49E+08	1.49E+08	+	0	0

ENSG00000101313	RP13-638C antisense	chr17	82602989	82604178	-	0	0
ENSG00000101314	CTD-2309C lincRNA	chr17	3134969	3177031	-	0	0
ENSG00000101315	LINC02186 lincRNA	chr16	14018880	14021077	-	0	0
ENSG00000101316	MIA protein_co	chr19	40771648	40777490	+	0	0
ENSG00000101317	LINC01996 lincRNA	chr17	4610449	4617650	+	0	0
ENSG00000101318	RP11-67A1 processed	chr16	68077340	68122271	+	0	0
ENSG00000101319	AC092566. processed	chr19	8676844	8677584	+	0	0
ENSG00000101320	MFSD1P1 processed	chr17	4301372	4302698	+	0	0
ENSG00000101321	RP5-867C2 antisense	chr17	47169826	47171049	+	0	0
ENSG00000101322	RP11-515E protein_co	chr17	55448433	55511444	-	0	0.04
ENSG00000101323	RP11-333E antisense	chr17	5192084	5248069	+	0.8	0.9
ENSG00000101324	RP11-502F processed	chr17	56368063	56368215	+	0	0
ENSG00000101325	CTC-479C5 protein_co	chr16	67929614	67936017	-	1.83	0.49
ENSG00000101326	RP11-63A1 lincRNA	chr17	46916770	46923034	-	0.22	0
ENSG00000101327	AC144831. lincRNA	chr17	83104255	83106910	+	10.56	10.06
ENSG00000101328	RP11-473M lincRNA	chr16	3156736	3157483	-	0.44	0.65
ENSG00000101329	RP11-314A antisense	chr17	4731756	4732371	-	0	0
ENSG00000101330	MTND5P33 unprocess	chr16	10720015	10721464	-	0.04	0
ENSG00000101331	RPL23AP84 processed	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000101332	RP11-542C protein_co	chr17	7312661	7319174	-	0	0
ENSG00000101333	RP11-235E sense_intr	chr17	3601761	3602272	-	0.14	0
ENSG00000101334	CTD-2561B antisense	chr17	80966239	80971213	-	0	0
ENSG00000101335	PCDHGA9 protein_co	chr5	1.41E+08	1.42E+08	+	0.62	1.15
ENSG00000101336	RP11-461A lincRNA	chr16	3581181	3583266	+	0	0
ENSG00000101337	LARP7P2 processed	chr16	19819504	19819628	-	0	0
ENSG00000101338	GFY protein_co	chr19	49423749	49428818	+	0	0
ENSG00000101339	RP11-893F antisense	chr17	50163523	50165316	-	0	0
ENSG00000101340	CCDC92B unitary_ps	chr17	2724411	2749504	-	0	0
ENSG00000101341	ISCA1P3 processed	chr17	54477796	54478168	+	0	0
ENSG00000101342	RP11-342L processed	chr6	79552794	79553160	+	0	0.27
ENSG00000101343	MMP25-AS antisense	chr16	3051096	3059370	-	4.31	5.56
ENSG00000101344	RP11-506D antisense	chr17	50840057	50841626	-	0	0
ENSG00000101345	CTD-2529C antisense	chr17	80023894	80026107	+	0	0
ENSG00000101346	KYNUP1 unprocess	chr17	19166896	19169668	-	0	0
ENSG00000101347	CTC-281F2. lincRNA	chr17	6653464	6655009	-	0	0
ENSG00000101348	RP11-212L lincRNA	chr16	55538200	55542027	+	0.06	0.08
ENSG00000101349	CTD-2526A processed	chr17	80515215	80515389	+	0	0
ENSG00000101350	DLGAP1-AS antisense	chr18	3603000	3608336	+	2.28	2.31
ENSG00000101351	RP11-676J antisense	chr17	909632	911212	+	0	0
ENSG00000101352	RP11-700H lincRNA	chr17	50909637	50910232	-	0	0
ENSG00000101353	RP11-510N unprocess	chr16	71443055	71443856	-	0	0
ENSG00000101354	AC003009. antisense	chr16	13331368	13332583	-	0	0
ENSG00000101355	RP11-66H6 antisense	chr16	11066496	11071102	-	0	0
ENSG00000101356	LINC01974 lincRNA	chr17	46909742	46911512	-	0	0
ENSG00000101357	RP11-177N sense_intr	chr16	47529190	47529916	+	0	0

ENSG00000181122	RP11-81K2 antisense	chr17	49370740	49476988	+	0	0
ENSG00000181123	RP1-232L2 processed	chr6	79406240	79406774	-	0	0
ENSG00000181124	RP13-1032 antisense	chr17	81701324	81703300	-	1.78	1.3
ENSG00000181125	RP11-74E2 antisense	chr17	2712309	2712833	+	0	0.2
ENSG00000181126	RP11-763E lincRNA	chr17	55842677	55872939	-	0	0
ENSG00000181127	RP11-1260 processed	chr17	331205	333488	+	0	0
ENSG00000181128	CTD-2545G processed	chr17	7058934	7059204	+	0	0
ENSG00000181129	SNORD3B-1 snoRNA	chr17	19063346	19064136	-	0	0
ENSG00000181130	DKFZP434F11.2 lincRNA	chr9	1.36E+08	1.36E+08	-	0.06	0.02
ENSG00000181131	RP11-515C lincRNA	chr17	55325757	55327791	-	0	0
ENSG00000181132	IL9RP4 unprocessed	chr18	80140	88570	-	0	0
ENSG00000181133	OR1P1 unprocessed	chr17	3153889	3154882	-	0	0
ENSG00000181134	RP11-589P lincRNA	chr17	6994642	6995189	-	3.31	2.43
ENSG00000181135	RP11-23E1 processed	chr16	33495943	33496093	-	0	0
ENSG00000181136	AC139099.1 lincRNA	chr17	83220527	83227721	-	0	0
ENSG00000181137	MTATP6P2 processed	chr6	91726810	91727070	+	0	0
ENSG00000181138	PCDHB19P transcribed	chr5	1.41E+08	1.41E+08	+	0.09	0.06
ENSG00000181139	LINC02185 lincRNA	chr16	14009280	14016016	-	0	0
ENSG00000181140	CTD-2561B lincRNA	chr17	81023545	81025503	-	0	0
ENSG00000181141	CTC-524C5 lincRNA	chr17	5469092	5470360	+	0	0
ENSG00000181142	OR1D3P unprocessed	chr17	3265611	3266541	+	0	0
ENSG00000181143	MTND6P33 unprocessed	chr16	10719833	10720015	+	0	0
ENSG00000181144	RP11-670E antisense	chr17	56888880	56891841	+	0	0
ENSG00000181145	RP11-455C antisense	chr17	81197393	81200288	+	0	0
ENSG00000181146	AC009134.1 antisense	chr16	13197606	13204907	-	0	0
ENSG00000181147	BCAR4 lincRNA	chr16	11819829	11828845	-	0	0
ENSG00000181148	MTCO1P28 processed	chr16	3367719	3369246	-	0	0
ENSG00000181149	RP11-483C sense_intronic	chr14	26592747	26594517	-	0.03	0
ENSG00000181150	RP11-510M unprocessed	chr16	71420483	71421518	+	0	0
ENSG00000181151	RP11-676J.1 antisense	chr17	877902	880093	+	0	0
ENSG00000181152	GARSP1 processed	chr17	55550931	55551649	-	0	0
ENSG00000181153	CTD-2033A antisense	chr16	69727013	69742563	+	0.24	0.13
ENSG00000181154	RP11-417N unprocessed	chr16	71833787	71835932	+	0	0.08
ENSG00000181155	CTC-479C5 processed	chr16	67855955	67856111	-	0	0
ENSG00000181156	RP13-638C antisense	chr17	82587313	82588411	-	0	0
ENSG00000181157	RP11-876N antisense	chr16	10864914	10888752	-	0	0
ENSG00000181158	LINC00514 processed	chr16	2988961	2994509	+	0	0
ENSG00000181159	EIF1P4 processed	chr16	2822659	2822993	-	0	0
ENSG00000181160	LINC02175 lincRNA	chr16	25066937	25068943	+	0.45	0.59
ENSG00000181161	MTCO3P24 unprocessed	chr16	10723836	10724617	-	0	0
ENSG00000181162	RP11-96D1 antisense	chr16	68225969	68229145	-	0	0.06
ENSG00000181163	RP11-81A2 protein_coding	chr17	4801159	4807013	-	1.17	0.25
ENSG00000181164	CTA-972D3 antisense	chr16	15885029	15886158	+	0	0
ENSG00000181165	CTD-2529C sense_intronic	chr17	79991944	79992841	-	0	0
ENSG00000181166	RP1-302G2 protein_coding	chr6	44216939	44218236	+	0.1	0.11

ENSG0000(OCLM	protein_co	chr1	1.86E+08	1.86E+08	+	0.07	0.16
ENSG0000(FAM166AP	unprocessε	chr18	45034	46047	+	0	0
ENSG0000(RP11-462G	sense_ovei	chr16	3947609	3950444	-	1.28	1.52
ENSG0000(RP11-652G	unprocessε	chr16	32618733	32618852	+	0	0
ENSG0000(LINC01978	lincRNA	chr17	79919357	79925462	+	0.15	0.21
ENSG0000(RP11-124N	lincRNA	chr13	22918591	22924602	+	0	0
ENSG0000(RP11-160E	lincRNA	chr17	19112000	19112636	-	0.11	0
ENSG0000(PCDHGB3	protein_co	chr5	1.41E+08	1.42E+08	+	1.98	1.93
ENSG0000(CTD-2031P	antisense	chr5	55936143	55941727	+	0	0.27
ENSG0000(AC144836.	lincRNA	chr17	1241939	1254000	-	0	0
ENSG0000(RP11-876N	antisense	chr16	10940719	10943021	+	0	0.11
ENSG0000(RP11-1055	lincRNA	chr17	81376001	81385360	-	0	0
ENSG0000(RP5-1050D	antisense	chr17	4987706	4988446	+	1.31	1.01
ENSG0000(RP11-676J.	lincRNA	chr17	763565	765319	-	0.18	0.09
ENSG0000(RP11-960B	processed_	chr17	6189361	6190541	-	0	0
ENSG0000(TMF1P1	processed_	chr16	13458326	13458698	+	0	0
ENSG0000(CORO7	protein_co	chr16	4354542	4425705	-	10.87	6.14
ENSG0000(RP11-235E	processed_	chr17	3619256	3619913	-	0	0
ENSG0000(RP11-199F	sense_intrε	chr17	7685260	7686371	-	0.48	0.12
ENSG0000(MTND4LP2	unprocessε	chr16	10723065	10723355	-	0	0
ENSG0000(RP11-815Iε	transcribec	chr17	18638019	18638370	-	0	0
ENSG0000(RP5-867C2	sense_intrε	chr17	47161075	47162064	-	0	0
ENSG0000(U95743.1	lincRNA	chr16	13730137	13779760	-	0	0
ENSG0000(CTD-2535P	processed_	chr17	53434131	53435829	+	0	0
ENSG0000(RP11-160E	lincRNA	chr17	19160789	19162274	+	0	0
ENSG0000(RP11-1260	antisense	chr17	352638	357581	+	0	0
ENSG0000(RP11-55L4.	antisense	chr17	9647020	9647660	-	0	0
ENSG0000(RP5-1107A	antisense	chr17	56939932	56941275	+	0	0
ENSG0000(RP1-4G17.!	protein_co	chr17	7246829	7262089	-	0	0
ENSG0000(RP11-235E	protein_co	chr17	3585149	3636249	-	0	0.35
ENSG0000(LA16c-390I	antisense	chr16	3542739	3545785	+	0.06	0.08
ENSG0000(CTD-2561B	antisense	chr17	80940418	80942033	-	0	0
ENSG0000(RP11-433P	processed_	chr16	3323192	3323925	-	0	0
ENSG0000(CTC-457L1ε	antisense	chr17	19141017	19143689	-	0	0
ENSG0000(MTND4P3ε	unprocessε	chr16	10721698	10723068	-	0	0
ENSG0000(RP11-517A	antisense	chr16	16223027	16224261	+	0	0
ENSG0000(HNRNPA1P	processed_	chr17	2306761	2307715	+	0.25	0.59
ENSG0000(RP11-1197	antisense	chr17	82978525	82981738	+	0	0
ENSG0000(RP11-353N	lincRNA	chr17	79848058	79850110	-	0	0
ENSG0000(AP005530.	lincRNA	chr18	11103	15928	+	0.07	0
ENSG0000(CTD-3195Iε	antisense	chr17	3729361	3730493	+	0	0
ENSG0000(LA16c-380I	sense_ovei	chr16	3003431	3005101	-	0	0
ENSG0000(NDUFA3P6	processed_	chr16	31174573	31174822	+	0	0
ENSG0000(RP11-473M	lincRNA	chr16	3076911	3087100	-	0.25	0.14
ENSG0000(RP11-669E	antisense	chr17	46035313	46035770	+	0	0

ENSG00000102400(CTB-193M:sense_intronic)chr16	15683290	15684570	+	0	0
ENSG00000102401(MTATP6P2:unprocessed)chr16	10724620	10725296	-	0	0
ENSG00000102402(RP11-312B:processed)chr17	53681630	53682111	-	0	0
ENSG00000102403(RP11-191A:processed)chr6	25152547	25152883	+	0	0
ENSG00000102404(RP11-667K:processed)chr17	2127430	2127904	-	0	0
ENSG00000102405(MMP12:protein_coding)chr11	1.03E+08	1.03E+08	-	0	0
ENSG00000102406(RP11-670E:processed)chr17	56884639	56884819	-	0	0
ENSG00000102407(RP11-388C:sense_intronic)chr17	82745068	82745709	+	1.4	2.33
ENSG00000102408(RP11-85G1:lincRNA)chr10	27243130	27250804	+	0	0.27
ENSG00000102409(RP11-498C:antisense)chr17	81867721	81868552	+	0	0.88
ENSG00000102410(RP11-490C:antisense)chr16	11741910	11744506	+	0.06	0.09
ENSG00000102411(RP5-1050D:antisense)chr17	4967995	4968822	+	0	0.18
ENSG00000102412(RP11-676J:antisense)chr17	789744	790525	-	0	0
ENSG00000102413(CTD-2545H:antisense)chr17	1995614	2003671	+	0	0
ENSG00000102414(MIR193BH:lincRNA)chr16	14301389	14326744	+	1.74	1.85
ENSG00000102415(RP1-59D14:antisense)chr17	2384847	2386664	+	0	0
ENSG00000102416(SPDYE9P:transcribed)chr7	73076165	73086038	-	0	0
ENSG00000102417(LINC01569:lincRNA)chr16	4245825	4253789	-	1.06	0.38
ENSG00000102418(TVP23CP2:processed)chr16	14200357	14200979	+	0	0
ENSG00000102419(RP11-95P2:processed)chr16	4130555	4130820	+	0	0
ENSG00000102420(AC021224.lincRNA)chr18	32412182	32413236	+	0.66	0.73
ENSG00000102421(SAMD11P1:processed)chr17	2613284	2613944	-	0	0
ENSG00000102422(TMEM256:protein_coding)chr17	7389734	7404097	-	1.22	0.45
ENSG00000102423(LA16c-321l:antisense)chr16	2939714	2954276	-	0	0
ENSG00000102424(CCER2:protein_coding)chr19	38908980	38912158	-	0.06	0.28
ENSG00000102425(RP11-876N:processed)chr16	10840384	10841544	-	0	0
ENSG00000102426(RP11-1099:processed)chr17	7954868	7955622	+	0	0
ENSG00000102427(RP11-4618:processed)chr17	5060356	5062123	+	0	0
ENSG00000102428(FAM187B2:unprocessed)chr19	35232291	35233003	-	0	0
ENSG00000102429(MAPK8IP1:processed)chr17	46243606	46245044	+	0	0
ENSG00000102430(RP11-530N:processed)chr17	6927472	6928191	-	0	0
ENSG00000102431(RP11-96D1:sense_intronic)chr16	68199795	68200981	+	0	0
ENSG00000102432(RP11-95J1:processed)chr16	3840528	3841010	+	0	0
ENSG00000102433(CTD-2535P:processed)chr17	53438556	53439721	+	0	0
ENSG00000102434(TXNP4:processed)chr17	4572206	4572515	+	0	0
ENSG00000102435(AJ003147.lincRNA)chr16	3181233	3184018	-	0	0
ENSG00000102436(CTD-2545G:protein_coding)chr17	7240427	7244635	-	0	7.11
ENSG00000102437(LA16c-349l:antisense)chr16	654611	656194	-	0.04	0.09
ENSG00000102438(CTA-276F8:antisense)chr16	14191820	14200277	-	0	0
ENSG00000102439(RP11-667K:antisense)chr17	2042900	2043425	-	0	0
ENSG00000102440(RP11-259G:processed)chr17	46259551	46260606	-	0	0
ENSG00000102441(RP3-422G2:protein_coding)chr6	1.38E+08	1.38E+08	+	0	0
ENSG00000102442(LA16c-360l:transcribed)chr16	3308609	3308816	+	0	1.39
ENSG00000102443(RP11-1260:antisense)chr17	354737	356882	+	0	0
ENSG00000102444(RP11-296A:protein_coding)chr15	43772617	43799133	-	0	0

ENSG0000(CTD-2522B processed_ chr16	34120470	34120677	+	0	0
ENSG0000(RP11-448N processed_ chr6	62611153	62611327	-	0	0
ENSG0000(PCDHGA4 protein_co chr5	1.41E+08	1.42E+08	+	12.81	12.74
ENSG0000(RP11-334C antisense chr17	80200673	80205949	-	2.02	1.37
ENSG0000(RP11-77K1 transcribed chr16	75499788	75516280	-	0	0
ENSG0000(LINC01979 lincRNA chr17	79915252	79926725	-	0	0.03
ENSG0000(RP11-266L transcribed chr16	25031744	25058109	+	0.58	0.58
ENSG0000(BTF3P14 processed_ chr17	6322413	6323228	-	0	0
ENSG0000(LINC00621 lincRNA chr13	22894656	22916369	-	0	0
ENSG0000(LA16c-306 protein_co chr16	3365099	3479550	+	0.44	0.24
ENSG0000(RP5-1107A processed_ chr17	56951664	56952404	+	0	0
ENSG0000(RP11-104H antisense chr17	7436557	7437523	-	0.3	0
ENSG0000(OR1D5 protein_co chr17	3062669	3063607	-	0	0
ENSG0000(RP11-156P protein_co chr17	46923133	47049932	+	5.09	1.97
ENSG0000(CTD-3088G processed_ chr16	11380859	11381118	-	0	0
ENSG0000(PHBP15 processed_ chr7	74741457	74742121	-	0	0
ENSG0000(RP11-164N processed_ chr6	63612761	63612903	-	0	0
ENSG0000(RP13-638C sense_intr chr17	82578023	82578616	+	0	0.13
ENSG0000(SPON1 protein_co chr11	13962689	14267884	+	0.19	0.28
ENSG0000(RP13-1032 protein_co chr17	81703371	81720539	+	0	0
ENSG0000(CTD-2561B antisense chr17	80960766	80961713	-	0	0
ENSG0000(RP11-497H lincRNA chr17	82918282	82918785	+	0.15	0.16
ENSG0000(OVCA2 protein_co chr17	2041936	2043430	+	10.81	10.19
ENSG0000(AJ003147.5 antisense chr16	3188212	3224779	+	0	0
ENSG0000(RP11-64J4. sense_ovei chr17	3278775	3386339	-	0	0
ENSG0000(RP5-1050D antisense chr17	4986466	4987324	+	0.13	0
ENSG0000(RP11-311F lincRNA chr17	19719059	19722428	+	0	0
ENSG0000(GLIS2-AS1 lincRNA chr16	4324667	4328340	-	0	0
ENSG0000(CTC-277H1 processed_ chr16	67261108	67263784	+	0.06	0.05
ENSG0000(CTD-3195I antisense chr17	3721628	3722488	+	0	0
ENSG0000(RP11-46I8. antisense chr17	5075678	5078113	-	0	0
ENSG0000(RP11-266L processed_ chr16	25093387	25095255	+	0	0
ENSG0000(RP11-485G antisense chr16	11348143	11349321	-	0	0
ENSG0000(RP11-411G processed_ chr17	616002	616595	+	0	0
ENSG0000(RP11-295D sense_intr chr16	4335870	4337818	-	0.29	0.22
ENSG0000(RP11-44F1. lincRNA chr16	53386944	53389085	+	0	0
ENSG0000(AC106782. sense_ovei chr16	30875766	30895216	-	0	0
ENSG0000(RP11-1000 antisense chr15	32586105	32615158	-	0.19	0.56
ENSG0000(RP11-1099 protein_co chr17	7925931	7930622	-	0	0
ENSG0000(CTD-2135D antisense chr16	13930677	13935635	-	0.12	0.1
ENSG0000(MRPS21P9 processed_ chr17	50450179	50450725	-	0	0
ENSG0000(RP11-196G sense_intr chr16	31118078	31118747	+	0.27	1.03
ENSG0000(RP11-353N antisense chr17	79800598	79802529	+	0	0
ENSG0000(RP11-1113 antisense chr17	19560111	19597922	-	0	0
ENSG0000(LINC01977 lincRNA chr17	79823452	79827704	+	0	0

ENSG0000(RP11-818C antisense)	chr17	1424473	1426484	+	0	0
ENSG0000(RP11-214C lincRNA)	chr17	14295512	14297600	-	0	0
ENSG0000(RP11-961A antisense)	chr17	1725748	1738585	-	0	0
ENSG0000(U91319.1 lincRNA)	chr16	13246316	13562918	+	0	0
ENSG0000(RP11-160A processed)	chr6	70693839	70694619	+	0	0
ENSG0000(RP11-667K antisense)	chr17	2089681	2101560	+	0	0
ENSG0000(MRPL12 protein_co)	chr17	81703357	81707526	+	20.53	22.58
ENSG0000(RP11-565F antisense)	chr17	9464742	9467422	+	0.44	0.41
ENSG0000(RP11-636N processed)	chr17	6417685	6418264	+	0	0
ENSG0000(RP13-580F antisense)	chr17	4481966	4486353	-	0.09	0.32
ENSG0000(RP11-498C antisense)	chr17	81843165	81843958	+	0.28	0.91
ENSG0000(RP11-28G8 antisense)	chr17	80801640	80805632	-	0.02	0.02
ENSG0000(RP11-304F lincRNA)	chr17	49834239	49836454	+	0	0
ENSG0000(RP11-517A antisense)	chr16	16290135	16292242	-	0	0
ENSG0000(RP11-46I8. processed)	chr17	5126740	5127010	-	0	0
ENSG0000(CTD-2545H sense_intr)	chr17	2019952	2023664	-	0	0
ENSG0000(CYCSP40 processed)	chr17	77198950	77199543	-	0	0
ENSG0000(CTD-2561B lincRNA)	chr17	81017969	81020011	-	0	0.08
ENSG0000(C19orf84 protein_co)	chr19	51388289	51390574	-	0	0
ENSG0000(RP11-1055 lincRNA)	chr17	81388126	81390256	-	0.94	0.44
ENSG0000(RP11-156P processed)	chr17	46984045	47100323	-	7.91	12.28
ENSG0000(RP11-104H processed)	chr17	7420103	7444081	+	0.7	0.17
ENSG0000(RP11-669E antisense)	chr17	45907670	45910779	-	0	0
ENSG0000(CTD-3060P antisense)	chr17	2962248	2965895	-	0	0
ENSG0000(CTD-2144E processed)	chr16	35023339	35023765	+	0	0
ENSG0000(RP11-462G sense_ove)	chr16	3931217	3946305	-	0.42	0.19
ENSG0000(RP11-424M lincRNA)	chr16	70802083	70802840	-	0	0
ENSG0000(AC139099. lincRNA)	chr17	83144131	83177607	+	0	0.12
ENSG0000(LA16c-360I antisense)	chr16	3307573	3308393	-	0	0
ENSG0000(MTCO1P4C processed)	chr17	53105734	53106358	+	0	0
ENSG0000(RP11-235E antisense)	chr17	3655621	3658092	-	1.94	0.55
ENSG0000(TMPOP2 processed)	chr16	74667506	74668706	+	0	0
ENSG0000(RP5-1029F antisense)	chr17	552566	553417	+	0	0
ENSG0000(FAM58A protein_co)	chrX	1.54E+08	1.54E+08	-	10.35	9.51
ENSG0000(RP11-1260 antisense)	chr17	321392	322453	+	0	0
ENSG0000(RP11-141J. lincRNA)	chr17	4565752	4571760	+	0	0
ENSG0000(ALOX12P2 transcribec)	chr17	6853861	6954107	+	0.1	0.05
ENSG0000(RP11-189E lincRNA)	chr16	49442910	49454078	-	0	0
ENSG0000(AC139099. lincRNA)	chr17	83211996	83221190	+	0	0
ENSG0000(EIF4A1P9 processed)	chr17	2586330	2587866	-	0	0
ENSG0000(RPL23AP8E processed)	chr16	2922662	2923202	-	0	0
ENSG0000(CTB-162E1 processed)	chr17	5730289	5731085	+	0	0
ENSG0000(KARSP3 unprocess)	chr16	68002432	68004952	-	0	0
ENSG0000(RP11-85B7 antisense)	chr17	9171068	9179118	-	0	0
ENSG0000(RP11-294J. antisense)	chr17	50693448	50695449	+	0	0

ENSG0000(RP11-4571)processed_chr16	18533418	18533817	+	0	0
ENSG0000(CTD-2047)H_sense_intrchr17	80315651	80316633	+	0	0.11
ENSG0000(OR52L2P_unprocesschr11	6057316	6058275	-	0	0
ENSG0000(AF001550)antisense_chr16	21194847	21205977	+	0	0
ENSG0000(CTC-281F2)processed_chr17	6749685	6749978	-	0	0
ENSG0000(CTD-2194A)antisense_chr16	20440266	20447000	-	0	0
ENSG0000(CTD-3088G)antisense_chr16	11465260	11473174	+	0	0.07
ENSG0000(GTF2I_protein_cochr7	74657667	74760692	+	54.96	52.56
ENSG0000(ZNF234_protein_cochr19	44141557	44160309	+	4.44	3.91
ENSG0000(RP11-166P)lincRNA_chr17	57078298	57085024	-	0.67	1.36
ENSG0000(ROCK1P1)transcribecchr18	109065	122219	+	0	0.18
ENSG0000(RP11-473N)sense_ovechr16	3106764	3109576	+	0	0
ENSG0000(RP11-876N)sense_intrchr16	10938886	10940044	-	0.46	0.28
ENSG0000(RP5-1029F)antisense_chr17	503171	511347	+	0	0
ENSG0000(RP11-3561)processed_chr17	959034	959366	+	0	0
ENSG0000(XXbac-BPG)protein_cochr6	31666102	31673546	+	1.49	1.85
ENSG0000(RP11-517A)processed_chr16	16260866	16261235	-	0	0
ENSG0000(RP11-396B)lincRNA_chr16	11196177	11224969	+	0	0
ENSG0000(RP11-355F)lincRNA_chr10	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP11-28B2)processed_chr17	18986148	18986334	-	0	0
ENSG0000(RP11-667K)lincRNA_chr17	2043475	2044968	-	0	0.4
ENSG0000(RP11-565F)antisense_chr17	9547298	9548541	+	0	0
ENSG0000(RP11-388C)lincRNA_chr17	82713908	82716255	-	0	0.31
ENSG0000(AF001548)antisense_chr16	15741151	15741791	+	0	0
ENSG0000(CTD-2047)H_antisense_chr17	80351828	80415168	-	0.11	0.4
ENSG0000(RP11-382B)transcribecchr15	30380353	30386987	-	0	0
ENSG0000(ZNF213-AS)antisense_chr16	3110460	3134882	-	4.99	4.29
ENSG0000(RP11-485G)antisense_chr16	11341809	11345211	-	0	0.1
ENSG0000(AC004878)antisense_chr7	75232928	75233924	+	0	0
ENSG0000(LINC02187)lincRNA_chr16	50880209	50884101	+	0	0
ENSG0000(RP11-166P)antisense_chr17	57092145	57096425	-	0.01	0
ENSG0000(RP11-515C)antisense_chr17	55271504	55273653	-	0	0.04
ENSG0000(RP11-567C)antisense_chr17	82795486	82796095	-	0	0
ENSG0000(RP11-95P2)lincRNA_chr16	4180117	4183515	-	0	0.7
ENSG0000(RP11-1113)processed_chr17	19582116	19582275	-	0	0
ENSG0000(RP11-189E)lincRNA_chr16	49454229	49457269	+	0	0
ENSG0000(RP5-1107A)sense_intrchr17	56982749	56985104	+	0.11	0.27
ENSG0000(ARL2BPP8)processed_chr17	54754165	54754649	-	0	0
ENSG0000(CTC-479C5)lincRNA_chr16	67882461	67886367	+	0.16	0.15
ENSG0000(LRRC37A1)transcribecchr17	46978481	47054569	+	0.2	0.14
ENSG0000(LINC01896)lincRNA_chr18	78976555	78979074	-	0	0
ENSG0000(RP11-1055)lincRNA_chr17	81362272	81374214	+	0	0
ENSG0000(MYZAP_protein_cochr15	57591941	57685364	+	0.03	0
ENSG0000(RP11-462G)antisense_chr16	4032012	4032936	+	0	0
ENSG0000(RP11-333E)lincRNA_chr17	5240508	5241543	-	0	0

ENSG00000181101	RP11-810M antisense	chr17	4163910	4164713	+	0	0
ENSG00000181102	RP11-149I antisense	chr17	81135771	81136256	+	0	0
ENSG00000181103	RP11-542C antisense	chr17	7352687	7354944	-	0	0
ENSG00000181104	RP11-893F lincRNA	chr17	50212933	50215357	-	0.24	0.13
ENSG00000181105	MTND1P8 processed	chr16	3369957	3370906	-	0	0
ENSG00000181106	HNRNPCP4 processed	chr16	11242653	11243552	+	0	0
ENSG00000181107	RP11-618P processed	chr17	53952936	53955324	+	0	0
ENSG00000181108	MTND3P13 unprocessed	chr16	10723424	10723766	-	0	0
ENSG00000181109	RP11-372K processed	chr17	54702936	54703430	+	0	0
ENSG00000181110	CTC-479C5 protein_coding	chr16	68013436	68015911	-	0	0
ENSG00000181111	KYNUP3 transcribed	chr17	19208584	19211359	+	0	0
ENSG00000181112	RP11-26L2 lincRNA	chr16	55332355	55332967	+	0	0
ENSG00000181113	LA16c-306I processed	chr16	3458071	3515564	+	0	0
ENSG00000181114	CTD-2561B antisense	chr17	80999509	81000130	-	0	0
ENSG00000181115	RYKP1 processed	chr17	4222091	4223828	+	0	0
ENSG00000181116	RP11-420A antisense	chr17	5364315	5371626	-	0	0
ENSG00000181117	ATP5A1P3 processed	chr16	72005037	72006543	-	0	0
ENSG00000181118	CTD-2135D lincRNA	chr16	13953155	13954825	+	0.24	0.71
ENSG00000181119	RP11-461A sense_overlap	chr16	3650636	3651703	-	0.28	0
ENSG00000181120	RP11-429K antisense	chr16	20385957	20391164	+	0	0
ENSG00000181121	MTCYBP33 unprocessed	chr16	10718633	10719762	-	0	0
ENSG00000181122	RP11-473I13prime_overlap	chr16	9104848	9113181	+	0	0
ENSG00000181123	RP11-146P processed	chr17	53353427	53354134	-	0	0
ENSG00000181124	RP11-204E lincRNA	chr16	20208925	20209525	+	0	0
ENSG00000181125	RP11-65J2 lincRNA	chr16	14408039	14418872	-	0	0
ENSG00000181126	CTB-133G6 protein_coding	chr19	7348943	7383385	+	0.11	0.04
ENSG00000181127	RPS7P1 processed	chr17	28467822	28468406	+	0	0.21
ENSG00000181128	RP11-1055 antisense	chr17	81461013	81461937	-	0	0
ENSG00000181129	CTC-524C5 antisense	chr17	5425139	5432876	-	0.12	0.13
ENSG00000181130	RP11-96D1 sense_overlap	chr16	68224713	68227734	+	0.31	0.07
ENSG00000181131	CH17-351M sense_intronic	chr17	79598032	79603921	-	0	0
ENSG00000181132	RP11-109M antisense	chr16	10691273	10692973	+	0	0
ENSG00000181133	LA16c-325I lincRNA	chr16	2866348	2867618	-	0	0.33
ENSG00000181134	THCAT158 antisense	chr17	47303460	47323613	-	0.16	0
ENSG00000181135	RP5-1029F antisense	chr17	523140	540576	+	0	0
ENSG00000181136	RP11-104H antisense	chr17	7439159	7443327	-	0	0
ENSG00000181137	AP005530 lincRNA	chr18	14195	16898	-	0	0
ENSG00000181138	RP11-166B antisense	chr16	11851649	11895611	+	0.13	0.14
ENSG00000181139	RP11-498D unprocessed	chr16	72004239	72004803	-	0	0
ENSG00000181140	LINC01975 lincRNA	chr17	3977103	3981899	+	0	0
ENSG00000181141	RP11-530N antisense	chr17	6954098	6978960	-	0	0
ENSG00000181142	LINC01982 lincRNA	chr17	52390515	52535701	+	0	0
ENSG00000181143	RP11-388C lincRNA	chr17	82729164	82734143	-	0	0
ENSG00000181144	LA16c-325I antisense	chr16	2857898	2859726	+	0	0
ENSG00000181145	RP11-266L unprocessed	chr16	25071490	25072727	-	0	0

ENSG0000(TAPT1-AS1 antisense chr4	16226685	16320140	+	0.69	0.67
ENSG0000(CTC-508F8 antisense chr16	21120758	21130108	+	0	0
ENSG0000(AF001548. antisense chr16	15726674	15732993	+	2.27	2.17
ENSG0000(RP11-235E sense_intr chr17	3577955	3578853	-	0.26	0
ENSG0000(RP1-4G17. antisense chr17	7282947	7284071	-	0	0
ENSG0000(RP11-388M processed_ chr16	31165648	31165927	+	0	0
ENSG0000(RP1-59D14 antisense chr17	2375061	2379306	-	6.1	3.73
ENSG0000(PPIAL4A protein_co chr1	1.21E+08	1.21E+08	+	0	0
ENSG0000(MIR5011 miRNA chr18	67081584	67081686	+	0	0
ENSG0000(AKR1B10P processed_ chr18	68455951	68456877	+	0	0
ENSG0000(RN7SL134F misc_RNA chr16	82844455	82844757	+	0	0
ENSG0000(MIR378H miRNA chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(MIR5702 miRNA chr2	2.27E+08	2.27E+08	-	0	0
ENSG0000(ABHD17AP processed_ chr22	22114844	22118005	-	0	0
ENSG0000(RP11-720N processed_ chr17	27526386	27527223	-	0	0
ENSG0000(RP11-640N transcribed chr17	32106330	32114125	-	0	0
ENSG0000(RP11-68I3. antisense chr17	29639627	29640825	+	0	0
ENSG0000(MIR548AO miRNA chr8	41271048	41271143	-	0	0
ENSG0000(RP11-822E processed_ chr17	21592794	21594180	+	0	0
ENSG0000(MIR5584 miRNA chr1	44545493	44545552	+	0	0
ENSG0000(RP11-552C lincRNA chr18	26822813	26823979	-	0	0
ENSG0000(CTC-297N7 antisense chr17	10680734	10683988	+	0	0
ENSG0000(MIR3973 miRNA chr11	36010098	36010204	+	0	0
ENSG0000(hsa-mir-31 miRNA chr1	1.7E+08	1.7E+08	+	0	0
ENSG0000(RP11-53I6. antisense chr18	32122400	32124478	-	0	0
ENSG0000(RP11-160E lincRNA chr17	19091069	19091825	-	0	0
ENSG0000(RP11-288C processed_ chr18	1357651	1357942	+	0	0
ENSG0000(MIR3170 miRNA chr13	98208524	98208600	+	0	0
ENSG0000(TMEM220- antisense chr17	10729777	10815164	+	0.92	1.44
ENSG0000(MIR4673 miRNA chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(PA2G4P3 processed_ chr18	27452514	27453657	-	0	0
ENSG0000(MIR4660 miRNA chr8	9048445	9048518	+	0	0
ENSG0000(MIR4747 miRNA chr19	4932687	4932740	+	0	0
ENSG0000(RN7SL460F misc_RNA chrX	77885377	77885634	+	0	0
ENSG0000(RP5-890E1 processed_ chr17	48045141	48048073	-	0.68	0.37
ENSG0000(MIR4538 miRNA chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(MIR3187 miRNA chr19	813584	813653	+	0	0
ENSG0000(GTSCR1 lincRNA chr18	70630534	70650744	-	0	0
ENSG0000(CTD-2541J antisense chr18	67506589	67514030	+	0	0.02
ENSG0000(RN7SL471F misc_RNA chr6	28977475	28977773	+	0	0
ENSG0000(RP11-599B lincRNA chr17	8056225	8057621	-	0	0
ENSG0000(LINC00675 protein_co chr17	10794913	10804099	-	0	0
ENSG0000(RN7SL689F misc_RNA chr5	1.23E+08	1.23E+08	-	1.46	0.8
ENSG0000(RP11-260A processed_ chr17	26981694	26982090	+	0	0
ENSG0000(RP11-17M antisense chr17	33976531	33980851	+	0	0

ENSG00000102E+08	MIR3158-1 miRNA	chr10	1.02E+08	1.02E+08	+	0	0
ENSG0000053568447	LINC01919 lincRNA	chr18	53597851	53597851	+	0	0
ENSG000002.35E+08	MIR4753 miRNA	chr1	2.35E+08	2.35E+08	-	0	0
ENSG000001.23E+08	RP11-973F lincRNA	chr8	1.23E+08	1.23E+08	-	1.94	1.15
ENSG0000076573568	MIR4450 miRNA	chr4	76573632	76573632	+	0	0
ENSG0000032954075	RP11-680N antisense	chr18	32957998	32957998	+	0	0
ENSG0000057895394	MIR4532 miRNA	chr20	57895444	57895444	+	0	0
ENSG0000088468918	MIR5189 miRNA	chr16	88469031	88469031	+	0	0
ENSG000001.85E+08	MIR4455 miRNA	chr4	1.85E+08	1.85E+08	-	0	0
ENSG000003415145	BOD1P1 transcribed	chr18	3415580	3415580	+	0	0
ENSG000001.5E+08	PPIAL4C protein_co	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000095067197	SRSF8 protein_co	chr11	95071224	95071224	+	9.66	13.61
ENSG0000038903704	RP1-56K13 antisense	chr17	38904600	38904600	-	0	0
ENSG000002.07E+08	hsa-mir-31 miRNA	chr2	2.07E+08	2.07E+08	+	0	0
ENSG0000045164014	MIR3156-1 miRNA	chr10	45164088	45164088	+	0	0
ENSG0000029863402	RP11-338L antisense	chr17	29866092	29866092	+	0	0
ENSG0000096914699	RN7SL509F misc_RNA	chr6	96914995	96914995	-	0	0
ENSG0000046233885	ANTXRLP1 unprocessed	chr10	46273557	46273557	-	0	0
ENSG0000022529934	MTATP6P3 unprocessed	chr17	22530609	22530609	+	0	0
ENSG0000034080882	CTC-304I17 sense_intr	chr17	34082224	34082224	-	0	0
ENSG0000063972920	CTC-264K1 lincRNA	chr17	63989422	63989422	-	0	0
ENSG0000018631646	RN7SL155F misc_RNA	chr19	18631908	18631908	-	0	0
ENSG0000020185082	AC004702. lincRNA	chr17	20322973	20322973	+	0	0
ENSG0000057600856	RP11-118E antisense	chr17	57608412	57608412	-	0	0
ENSG0000063305262	RP11-269G antisense	chr17	63313521	63313521	-	0	0
ENSG0000045600869	MAPK8IP1 processed	chr17	45602340	45602340	-	0	0
ENSG000001159198	RP11-78F1 processed	chr18	1160404	1160404	-	0	0
ENSG0000010849541	RP11-963H lincRNA	chr17	10880895	10880895	+	0.18	0
ENSG000001.1E+08	MIR4497 miRNA	chr12	1.1E+08	1.1E+08	+	0	0
ENSG00000641689	MIR5699 miRNA	chr10	641778	641778	-	0	0
ENSG0000066040233	MIR4311 miRNA	chr15	66040332	66040332	+	0	0
ENSG000001.44E+08	FAM72C protein_co	chr1	1.44E+08	1.44E+08	-	1.12	0.6
ENSG000001.4E+08	MIR3668 miRNA	chr6	1.4E+08	1.4E+08	+	0	0
ENSG000001.07E+08	MIR548AN miRNA	chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000065457541	CRAT40 lincRNA	chr17	65458408	65458408	+	0	0
ENSG0000094745860	MIR378G miRNA	chr1	94745900	94745900	-	0	0
ENSG0000013611114	MIR4526 miRNA	chr18	13611200	13611200	+	0	0
ENSG000002.06E+08	IKBKE protein_co	chr1	2.06E+08	2.06E+08	+	9	8.82
ENSG0000032457835	RN7SL122F misc_RNA	chr1	32458135	32458135	+	0	0
ENSG0000030863921	RP13-753N antisense	chr17	30864940	30864940	-	0.35	0.4
ENSG0000075428407	MIR4463 miRNA	chr6	75428473	75428473	+	0	0
ENSG0000031345519	AK4P1 processed	chr17	31346190	31346190	+	4.89	7.52
ENSG000001.11E+08	RN7SL387F misc_RNA	chr12	1.11E+08	1.11E+08	-	0	0
ENSG0000046753125	MIR5582 miRNA	chr11	46753192	46753192	-	0	0
ENSG0000076122998	RP11-102. processed	chr18	76145255	76145255	+	0	0

ENSG00000101781	RP11-78F1	lincRNA	chr18	976589	1174823	+	0.51	0.25
ENSG00000101782	RP11-449D	lincRNA	chr18	24673163	24674348	+	0	0
ENSG00000101783	RN7SL383F	misc_RNA	chr5	44716193	44716486	+	0	0
ENSG00000101784	RN7SL716F	misc_RNA	chr17	59059226	59059493	+	0	0
ENSG00000101785	MIR4704	miRNA	chr13	66218250	66218324	+	0	0
ENSG00000101786	UBBP4	transcribed	chr17	22202995	22205154	+	1.06	1.01
ENSG00000101787	RP11-805L	lincRNA	chr17	31762440	31769048	+	0	0
ENSG00000101788	CTC-304I17	lincRNA	chr17	34155566	34165679	+	0	0
ENSG00000101789	MIR7853	miRNA	chr6	6169304	6169435	-	0	0
ENSG00000101790	MIR4270	miRNA	chr3	15496239	15496308	-	0	0
ENSG00000101791	CTD-2532D	lincRNA	chr17	73737854	73756557	+	0	0
ENSG00000101792	MIR4665	miRNA	chr9	6007826	6007904	+	0	0
ENSG00000101793	MIR548X2	miRNA	chr13	65966330	65966429	-	0	0
ENSG00000101794	MIR4522	miRNA	chr17	27293910	27293996	-	0	0
ENSG00000101795	MIR4480	miRNA	chr10	12578753	12578823	+	0	0
ENSG00000101796	RP11-498C	antisense	chr17	81932398	81933058	+	0.18	0.19
ENSG00000101797	HID1-AS1	antisense	chr17	74970704	74975728	+	0	0
ENSG00000101798	RP11-595B	lincRNA	chr18	22088060	22098780	+	0	0
ENSG00000101799	RP11-403I1	lincRNA	chr1	1.44E+08	1.44E+08	+	0	0.03
ENSG00000101800	MIR4804	miRNA	chr5	72878591	72878663	+	0	0
ENSG00000101801	RP11-2803	lincRNA	chr18	67672221	67676078	-	0	0
ENSG00000101802	RN7SL823F	misc_RNA	chr19	16910490	16910784	-	0	0
ENSG00000101803	MIR3936	miRNA	chr5	1.32E+08	1.32E+08	-	0	0
ENSG00000101804	MIR3915	miRNA	chrX	32583656	32583752	-	0	0
ENSG00000101805	MIR3185	miRNA	chr17	48724408	48724475	-	0	0
ENSG00000101806	CTD-2349P	lincRNA	chr17	30729469	30731202	+	0	0
ENSG00000101807	RP11-19P2	processed	chr17	27683946	27684144	-	0	0
ENSG00000101808	RP11-737C	transcribed	chr18	2945550	2946890	-	0.19	0
ENSG00000101809	RN7SL353F	misc_RNA	chr6	30751038	30751289	+	0	0.47
ENSG00000101810	LINC02002	lincRNA	chr17	22234328	22266362	-	0	0
ENSG00000101811	RP11-612A	lincRNA	chr18	27397952	27401904	+	0	0
ENSG00000101812	AF186192.	lincRNA	chr8	1.45E+08	1.45E+08	+	0	0
ENSG00000101813	RP11-321A	antisense	chr17	29009799	29011009	-	0	0
ENSG00000101814	MIR4306	miRNA	chr13	99643059	99643149	+	0	0
ENSG00000101815	RN7SL178F	misc_RNA	chr8	8582352	8582655	-	0	0
ENSG00000101816	RP11-527H	lincRNA	chr18	14903580	14915628	+	0	0
ENSG00000101817	RP11-599B	protein_co	chr17	8150816	8162975	-	4.86	0
ENSG00000101818	RP11-389J	lincRNA	chr18	65917782	65920942	-	0	0
ENSG00000101819	RP11-45M	antisense	chr17	17167946	17185554	-	0	0
ENSG00000101820	PPP4R1-AS	lincRNA	chr18	9615264	9619363	+	0.7	0
ENSG00000101821	MIR3155A	miRNA	chr10	6152196	6152277	+	0	0
ENSG00000101822	MIR5586	miRNA	chr14	59646962	59647020	-	0	0
ENSG00000101823	MIR378D1	miRNA	chr4	5923275	5923328	-	0	0
ENSG00000101824	MIR3919	miRNA	chr3	1.59E+08	1.59E+08	+	0	0
ENSG00000101825	RP11-805F	lincRNA	chr18	15075445	15122767	+	0	0

ENSG00000180100	RP11-106E antisense	chr18	68753179	68754583	-	0	0
ENSG00000180100	MSMB protein_coding	chr10	46033307	46046269	-	0	0
ENSG00000180100	MIR4777 miRNA	chr2	2.31E+08	2.31E+08	+	0	0
ENSG00000180100	MIR4802 miRNA	chr4	40502040	40502119	-	0	0
ENSG00000180100	MIR4515 miRNA	chr15	83067335	83067415	+	0	0
ENSG00000180100	RP11-269G antisense	chr17	63391191	63431089	-	0	0
ENSG00000180100	BPTFP1 unprocessed	chr17	64761912	64762710	-	4.86	6.37
ENSG00000180100	RP11-471L processed	chr17	12115547	12115885	+	0.28	0
ENSG00000180100	MIR3135B miRNA	chr6	32749912	32749979	-	0	0
ENSG00000180100	MIR548AX miRNA	chrX	11318614	11318686	-	0	0
ENSG00000180100	RP11-25L3 lincRNA	chr18	73914405	74034161	-	0	0
ENSG00000180100	RP11-82O1 antisense	chr17	29761103	29787836	+	0	0
ENSG00000180100	SNORA70D snoRNA	chr16	71698567	71698701	-	0	0
ENSG00000180100	RP3-416J7 lincRNA	chr6	181466	205484	-	0	0
ENSG00000180100	RN7SL470F misc_RNA	chr2	70075014	70075272	-	0	0
ENSG00000180100	MIR4457 miRNA	chr5	1309310	1309377	-	0	0
ENSG00000180100	RN7SL750F misc_RNA	chr7	1.01E+08	1.01E+08	-	0	0
ENSG00000180100	RP11-443G antisense	chr17	32280387	32280953	-	0	0
ENSG00000180100	MIR5581 miRNA	chr1	37500935	37500994	-	0	0
ENSG00000180100	MIR4632 miRNA	chr1	12191713	12191773	+	0	0
ENSG00000180100	RP11-17A1 lincRNA	chr18	26688111	26689668	+	0	0
ENSG00000180100	RP11-57A1 lincRNA	chr17	72425939	72428852	+	0	0
ENSG00000180100	MIR3197 miRNA	chr21	41167557	41167629	+	0	0
ENSG00000180100	RP11-93H1 unprocessed	chr18	11326270	11328832	+	0	0
ENSG00000180100	RP4-777O2 lincRNA	chr7	30550217	30551569	+	0	0
ENSG00000180100	RP11-628C antisense	chr17	11874932	11875828	-	0	0
ENSG00000180100	RP11-386P lincRNA	chr18	32581528	32582828	+	0	0
ENSG00000180100	hsa-mir-54 miRNA	chr17	67471489	67471585	-	0	0
ENSG00000180100	MIR3161 miRNA	chr11	48096782	48096858	+	0	0
ENSG00000180100	MIR3621 miRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000180100	RP11-408H antisense	chr18	31131456	31132494	+	0	0
ENSG00000180100	MIR5689 miRNA	chr6	10439717	10439794	+	0	0
ENSG00000180100	RP11-597N antisense	chr17	12990149	12990610	-	0	0
ENSG00000180100	RP11-85B7 antisense	chr17	9283174	9305651	+	0	0
ENSG00000180100	RP11-321A antisense	chr17	29140483	29155489	+	0	0
ENSG00000180100	RP11-169F processed	chr18	73151241	73264480	-	0	0
ENSG00000180100	MIR4639 miRNA	chr6	16141556	16141624	+	0	0
ENSG00000180100	LINC02210 protein_coding	chr17	45620344	45835826	+	0	0
ENSG00000180100	SLC25A51P processed	chr18	7134931	7135819	+	0	0
ENSG00000180100	RP11-466A sense_intronic	chr17	32512869	32519350	-	0	0
ENSG00000180100	RP11-285E lincRNA	chr17	77257737	77281897	-	0	0
ENSG00000180100	RP11-389J sense_intronic	chr18	65865262	65866397	+	0	0
ENSG00000180100	SNORD39 snoRNA	chr2	2.38E+08	2.38E+08	+	0	0
ENSG00000180100	DLGAP1-AS1 antisense	chr18	3878180	3897069	+	0	0
ENSG00000180100	FTLP13 processed	chr17	22221221	22221605	+	0	0

ENSG000001806L	sense_intr	chr18	653985	657259	-	0	0
ENSG000001746N	processed	chr17	20983902	20984046	+	0	0
ENSG0000013937	miRNA	chrX	39661216	39661321	+	0	0
ENSG000001498C	lincRNA	chr17	81878425	81881106	-	0.06	0.11
ENSG00000147G4	processed	chr18	71225704	71226721	+	0	0
ENSG0000014643	miRNA	chr6	91521660	91521737	+	0	0
ENSG0000014662B	miRNA	chr8	1.25E+08	1.25E+08	-	0	0
ENSG00000175L4P	misc_RNA	chr3	15738515	15738809	+	0	0
ENSG000001548AS	miRNA	chr13	92490163	92490220	+	0	0
ENSG0000013165	miRNA	chr11	72072228	72072302	-	0	0
ENSG0000013664	miRNA	chr11	70872270	70872368	-	0	0
ENSG000001161I	lincRNA	chr18	1883524	2489426	-	0.4	0.15
ENSG0000014277	miRNA	chr5	1708785	1708868	-	0	0
ENSG0000014XOGP1	processed	chr18	21182503	21183499	-	0	0
ENSG0000014OSP1P2	processed	chr17	32343774	32344124	-	0	0
ENSG000001548AV	miRNA	chr18	72853321	72853382	-	0	0
ENSG0000013133	miRNA	chr2	2.41E+08	2.41E+08	+	0	0
ENSG00000100667	lincRNA	chr18	5237826	5246508	+	13.69	14.84
ENSG00000175L498F	misc_RNA	chr20	6001733	6002030	+	0	0
ENSG000001XXbac-BPG	antisense	chr6	32972065	32972853	-	0	0
ENSG0000014GDF2	protein_co	chr10	47322490	47326270	+	0	0
ENSG0000014286	miRNA	chr8	10666978	10667070	+	0	0
ENSG0000013686	miRNA	chr8	1.29E+08	1.29E+08	-	0	0
ENSG00000143NORD43	snoRNA	chr22	39319050	39319113	-	0	0
ENSG000001746B	antisense	chr18	32833454	32938316	+	0	0
ENSG000001580I	antisense	chr17	47603860	47649420	-	0.72	0.1
ENSG000001549B	processed	chr18	31726043	31726397	-	0	0
ENSG00000143NORA4	snoRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG000001321A	processed	chr17	29021325	29021640	-	0	0
ENSG0000015590	miRNA	chr2	1.35E+08	1.35E+08	+	0	0
ENSG0000013182	miRNA	chr16	83508346	83508408	+	0	0
ENSG000001649A	sense_intr	chr17	75145261	75146546	-	0	0.4
ENSG000001456D	antisense	chr17	48185938	48204529	+	0.1	0.56
ENSG00000142D-2008P	processed	chr17	28256375	28256669	-	0	0
ENSG0000014473	miRNA	chr9	20411148	20411238	-	0	0
ENSG0000013115	miRNA	chr1	23044305	23044372	+	0	0
ENSG00000175L457F	misc_RNA	chr8	33715784	33716070	+	0	0
ENSG0000015100	miRNA	chr10	42997563	42997681	+	0	0
ENSG000001746G	antisense	chr18	6873399	6875024	-	0	0
ENSG0000016N17	processed	chr17	47945424	47974438	+	0	0
ENSG0000015684	miRNA	chr19	12787128	12787192	+	0	0
ENSG000001746F	protein_co	chr17	8368638	8383187	-	0.1	0.08
ENSG0000013675	miRNA	chr1	16858949	16859021	-	0	0
ENSG00000100908	lincRNA	chr18	76528655	76610968	+	1.24	2.14
ENSG0000013679	miRNA	chr2	1.34E+08	1.34E+08	+	0	0

ENSG0000(RN7SL426F)	misc_RNA	chr17	21229334	21229628	-	0	0
ENSG0000(MIR548AV)	miRNA	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(CTD-2206N)	transcribed	chr17	39057019	39113190	+	0	0
ENSG0000(RP11-527H)	lincRNA	chr18	14978739	14979839	+	0	0
ENSG0000(RP11-326K)	antisense	chr18	31942575	31944156	+	1.08	0.99
ENSG0000(RP11-573D)	antisense	chr3	1.87E+08	1.87E+08	-	0.11	0.15
ENSG0000(MIR4439)	miRNA	chr2	2.25E+08	2.25E+08	-	0	0
ENSG0000(FAM60BP)	processed	chr18	26255698	26256355	-	0	0
ENSG0000(MIR378E)	miRNA	chr5	1.7E+08	1.7E+08	+	0	0
ENSG0000(MIR4635)	miRNA	chr5	1062896	1062974	-	0	0
ENSG0000(MIR4698)	miRNA	chr12	47187812	47187891	+	0	0
ENSG0000(RN7SL44P)	misc_RNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-649A)	antisense	chr17	75271369	75273895	+	0.41	0.24
ENSG0000(CIAPIN1P)	processed	chr18	26599408	26600338	+	0	0
ENSG0000(RP11-143J)	antisense	chr18	9112404	9115877	-	0.14	0
ENSG0000(MIR4744)	miRNA	chr18	49049687	49049768	-	0	0
ENSG0000(MIR4729)	miRNA	chr17	59366083	59366154	+	0	0
ENSG0000(MIR4769)	miRNA	chrX	47587429	47587505	+	0	0
ENSG0000(RP11-498C)	lincRNA	chr17	81878667	81879557	+	0	0
ENSG0000(RP11-218N)	lincRNA	chr17	30550493	30551189	-	0	0
ENSG0000(MIR3927)	miRNA	chr9	1.1E+08	1.1E+08	-	0	0
ENSG0000(LINC01543)	lincRNA	chr18	26422995	26426101	+	0	0
ENSG0000(AC007948)	lincRNA	chr18	65105873	65125710	-	0	0
ENSG0000(CTD-2350C)	unprocessed	chr17	28444063	28445563	-	0	0
ENSG0000(MIR4528)	miRNA	chr18	53237101	53237190	+	0	0
ENSG0000(RP11-334E)	sense_intronic	chr11	1.19E+08	1.19E+08	+	0.11	0
ENSG0000(LINC00672)	protein_coding	chr17	38925168	38929384	+	0.32	0.29
ENSG0000(DLGAP1-AS)	antisense	chr18	3962353	4013943	+	0	0
ENSG0000(MIR4436B)	miRNA	chr2	1.1E+08	1.1E+08	+	0	0
ENSG0000(RN7SL774F)	misc_RNA	chr17	4364164	4364453	-	0	0
ENSG0000(EEF1DP7)	transcribed	chr17	63636601	63637113	+	0	0
ENSG0000(RP11-705C)	lincRNA	chr18	268148	270278	+	0.03	0.03
ENSG0000(MIR3920)	miRNA	chr11	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-51L5)	transcribed	chr17	62282387	62297026	-	0	0.21
ENSG0000(MIR4303)	miRNA	chr12	97995383	97995448	-	0	0
ENSG0000(MIR4667)	miRNA	chr9	35608094	35608159	+	0	0
ENSG0000(CTD-3010D)	lincRNA	chr17	72642731	72644490	+	0	0
ENSG0000(MIR3925)	miRNA	chr6	36622436	36622512	-	0	0
ENSG0000(RP11-110H)	sense_intronic	chr18	49431744	49447420	-	0	0
ENSG0000(MIR4669)	miRNA	chr9	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-344B)	sense_intronic	chr18	32245946	32249032	-	0	0.18
ENSG0000(RN7SL555F)	misc_RNA	chr20	3094171	3094509	+	0	0
ENSG0000(MIR3116-1)	miRNA	chr1	62078786	62078859	+	0	0
ENSG0000(MIR5000)	miRNA	chr2	75090812	75090914	+	0	0
ENSG0000(MTND2P13)	unprocessed	chr17	22525899	22526937	+	0	0

ENSG0000(RP11-110H sense_intron)	chr18	49484536	49486149	-	0	0
ENSG0000(RP11-5316 processed)	chr18	32018829	32111779	+	0.02	0
ENSG0000(MIR3670-1 miRNA)	chr16	14907717	14907781	+	0	0
ENSG0000(RP11-571L antisense)	chr4	98928897	98994994	+	0	0
ENSG0000(RP11-210K antisense)	chr18	31844388	31845178	+	0	0
ENSG0000(MIR4462 miRNA)	chr6	37555365	37555422	-	0	0
ENSG0000(MIR4448 miRNA)	chr3	1.84E+08	1.84E+08	+	0	0
ENSG0000(SNORD3A snoRNA)	chr17	19188016	19188714	+	6.07	10.93
ENSG0000(TOMM20P processed)	chr18	8688022	8688410	-	0	0
ENSG0000(RP11-579C sense_intron)	chr17	58965952	58966727	+	0	0
ENSG0000(RN7SL275F misc_RNA)	chr4	1.1E+08	1.1E+08	+	0.29	0
ENSG0000(RN7SL32P misc_RNA)	chr2	2.33E+08	2.33E+08	+	0.14	0
ENSG0000(RN7SL435F misc_RNA)	chr11	59291052	59291333	-	0	0
ENSG0000(MIR548Y miRNA)	chr14	47760995	47761104	-	0	0
ENSG0000(RP11-434D transcribed)	chr17	20554971	20559410	-	0	0
ENSG0000(RP11-513M antisense)	chr18	10893617	10908783	+	0	0
ENSG0000(RN7SL850F misc_RNA)	chr16	4633591	4633881	-	0	0
ENSG0000(NBPF11 protein_coding)	chr1	1.48E+08	1.48E+08	-	5.5	5.69
ENSG0000(RP11-676J lincRNA)	chr18	72868388	72881399	+	0	0
ENSG0000(C1orf186 protein_coding)	chr1	2.06E+08	2.06E+08	+	0.11	0.06
ENSG0000(MIR4461 miRNA)	chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(MIR4509-3 miRNA)	chr15	28490752	28490845	-	0	0
ENSG0000(MIR4290 miRNA)	chr9	90023441	90023535	-	0	0
ENSG0000(RN7SL381F misc_RNA)	chr16	85659378	85659675	+	0.72	0
ENSG0000(RN7SL678F misc_RNA)	chr21	37215605	37215903	+	0	0
ENSG0000(RP11-789C antisense)	chr18	8406761	8406953	-	0	0
ENSG0000(MIR1587 miRNA)	chrX	39837561	39837613	+	0	0
ENSG0000(MIR4760 miRNA)	chr21	40212352	40212431	-	0	0
ENSG0000(RN7SL121F misc_RNA)	chr19	2595019	2595291	-	3.9	5.51
ENSG0000(YWHAEP3 processed)	chr17	20491323	20491443	-	0	0
ENSG0000(MIR4499 miRNA)	chr13	20433778	20433846	-	0	0
ENSG0000(MIR4672 miRNA)	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(MIR5705 miRNA)	chr4	87300495	87300583	-	0	0
ENSG0000(RP11-504I1 antisense)	chr18	76372717	76378275	+	0	0
ENSG0000(RP11-746N antisense)	chr17	20999747	21000323	+	0	0
ENSG0000(MIR5698 miRNA)	chr1	1.54E+08	1.54E+08	-	0	0
ENSG0000(RN7SL147F misc_RNA)	chr3	11952788	11953085	-	0	0
ENSG0000(RN7SL615F misc_RNA)	chr20	41290280	41290577	-	0	0
ENSG0000(CTC-542B2 lincRNA)	chr17	31873926	31886666	+	0	0.17
ENSG0000(RN7SL786F misc_RNA)	chr11	75742129	75742426	+	0	0
ENSG0000(RN7SL42P misc_RNA)	chr11	59214406	59214699	-	0	0
ENSG0000(RP11-286N antisense)	chr18	5567130	5570942	+	0	0
ENSG0000(RN7SL52P misc_RNA)	chr21	9902344	9902627	-	0	0
ENSG0000(MIR4717 miRNA)	chr16	2274620	2274691	+	0	0
ENSG0000(MIR4314 miRNA)	chr17	8088056	8088147	+	0	0

ENSG00000101811	AKR1C8P	transcribed	chr10	5154143	5185187	-	0	0.07
ENSG00000101812	RP11-68I3	sense_intronic	chr17	29621617	29622254	-	0.11	0.24
ENSG00000101813	MIR4429	miRNA	chr2	11540605	11540677	-	0	0
ENSG00000101814	RP11-627G	antisense	chr18	22175465	22176662	-	0	0
ENSG00000101815	MIR3938	miRNA	chr3	55852492	55852594	-	0	0
ENSG00000101816	MIR4253	miRNA	chr1	22863159	22863226	-	0	0
ENSG00000101817	RP11-176N	lincRNA	chr18	77421619	77560763	+	0	0.04
ENSG00000101818	CTC-297N7	lincRNA	chr17	10741267	10769016	-	0	0
ENSG00000101819	RN7SL336F	misc_RNA	chr6	89090946	89091242	+	0	0.4
ENSG00000101820	RP11-6N17	antisense	chr17	47946802	47948275	-	0	0
ENSG00000101821	RP11-728E	lincRNA	chr17	21457434	21458989	+	0	0
ENSG00000101822	MIR4507	miRNA	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000101823	LINC02003	lincRNA	chr17	72342940	72355136	+	0	0
ENSG00000101824	RN7SL744F	misc_RNA	chr12	54344610	54344876	+	1.53	3.53
ENSG00000101825	CTD-2008P	unprocessed	chr17	28274657	28275716	-	0	0
ENSG00000101826	RN7SL66P	misc_RNA	chr2	10280628	10280891	+	0	0
ENSG00000101827	ABHD15-A1	antisense	chr17	29560547	29707090	+	0	0
ENSG00000101828	MIR4491	miRNA	chr11	1.11E+08	1.11E+08	+	0	0
ENSG00000101829	RN7SL198F	misc_RNA	chr10	12328132	12328389	-	0	0.54
ENSG00000101830	MIR4472-2	miRNA	chr12	1.16E+08	1.16E+08	-	0	0
ENSG00000101831	RP11-29O1	processed	chr18	67602692	67603022	-	0	0
ENSG00000101832	RN7SL670F	misc_RNA	chr2	2.03E+08	2.03E+08	+	3.5	1.83
ENSG00000101833	RP11-192H	antisense	chr17	28633206	28635950	+	0	0
ENSG00000101834	RN7SL455F	misc_RNA	chr2	43904412	43904693	+	0.41	3.28
ENSG00000101835	MIR4737	miRNA	chr17	60043025	60043105	-	0	0
ENSG00000101836	RP11-22N1	processed	chr17	29197071	29197785	-	0	0
ENSG00000101837	RPL31P9	processed	chr18	67137611	67137751	-	0	0
ENSG00000101838	MIR5685	miRNA	chr6	53276993	53277071	+	0	0
ENSG00000101839	RP11-583F	transcribed	chr17	64927634	64934203	+	3.92	2.47
ENSG00000101840	RP5-1028K	protein_coding	chr17	40628797	40665141	-	0	0.04
ENSG00000101841	MIR4316	miRNA	chr17	77396984	77397054	-	0	0
ENSG00000101842	FGF7P1	unprocessed	chr18	14888709	14890086	-	0.39	0
ENSG00000101843	MIR3687-2	miRNA	chr21	8987370	8987430	+	0	0
ENSG00000101844	RP11-20B2	lincRNA	chr17	28861072	28861966	-	0	0
ENSG00000101845	RP11-401C	antisense	chr17	10320392	10341458	+	0.42	0.94
ENSG00000101846	MIR3943	miRNA	chr7	43150895	43150994	+	0	0
ENSG00000101847	DND1P1	processed	chr17	45585871	45586929	+	0.46	0.44
ENSG00000101848	RN7SL531F	misc_RNA	chr2	43492032	43492313	+	0.66	2.21
ENSG00000101849	RP11-856M	lincRNA	chr18	10627646	10628846	-	0	0
ENSG00000101850	MIR3199-1	miRNA	chr22	27920525	27920612	-	0	0
ENSG00000101851	MIR4783	miRNA	chr2	1.27E+08	1.27E+08	-	0	0
ENSG00000101852	RP11-73M1	antisense	chr1	31644694	31649371	+	0	0
ENSG00000101853	CTD-2015H	lincRNA	chr18	1780329	1782064	+	0	0
ENSG00000101854	RP11-227G	lincRNA	chr17	32430967	32432841	+	0.66	0
ENSG00000101855	MIR5688	miRNA	chr3	85385710	85385792	+	0	0

ENSG0000(MIR3681)	miRNA	chr2	12199130	12199201	+	0	0
ENSG0000(MIR4666B)	miRNA	chrX	29574278	29574358	+	0	0
ENSG0000(RN7SL474F)	misc_RNA	chr8	16863196	16863496	-	0	0.39
ENSG0000(RP11-401F)	processed	chr17	67276118	67276351	-	0	0
ENSG0000(MIR4803)	miRNA	chr5	72169467	72169540	+	0	0
ENSG0000(MIR4689)	miRNA	chr1	5862672	5862741	-	0	0
ENSG0000(MIR4688)	miRNA	chr11	46376402	46376484	+	0	0
ENSG0000(RP11-638L)	processed	chr18	67788268	67791035	-	0	0
ENSG0000(MIR3688-1)	miRNA	chr4	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP11-848P)	antisense	chr17	31090787	31095450	-	0.46	0.34
ENSG0000(RP11-357H)	lincRNA	chr18	76008118	76015861	-	0	0
ENSG0000(MIR4300)	miRNA	chr11	81890741	81890836	-	0	0
ENSG0000(RP11-159D)	lincRNA	chr17	57989039	57994850	-	1.64	1.91
ENSG0000(RN7SL784F)	misc_RNA	chr17	4882975	4883316	+	0	0.31
ENSG0000(MIR3180-4)	miRNA	chr16	15154850	15155002	-	0	0
ENSG0000(RP11-321M)	antisense	chr18	75407012	75419040	+	0	0
ENSG0000(MIR4795)	miRNA	chr3	87226189	87226277	-	0	0
ENSG0000(RP11-354P)	antisense	chr17	30204318	30206468	+	0.05	0
ENSG0000(SCML2P1)	processed	chr18	6926944	6928210	+	0	0
ENSG0000(RN7SL713F)	misc_RNA	chr1	58565631	58565932	-	0	0
ENSG0000(AC007631)	lincRNA	chr18	65186159	65187018	+	0	0
ENSG0000(MIR3689D)	miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-20B2)	unprocess	chr17	28848860	28849592	+	0	0
ENSG0000(MIR3667)	miRNA	chr22	49543393	49543466	-	0	0
ENSG0000(MIR3928)	miRNA	chr22	31160062	31160119	-	0	0
ENSG0000(CH17-13I2)	processed	chr1	1.43E+08	1.43E+08	-	0	0
ENSG0000(RP11-848P)	processed	chr17	31008154	31008319	-	1.82	0
ENSG0000(RP11-268I)	lincRNA	chr18	21871446	21893996	-	0	0
ENSG0000(RP11-715F)	processed	chr18	2568392	2569122	+	0	0
ENSG0000(RP11-739N)	lincRNA	chr18	27336379	27595164	-	0	0
ENSG0000(MIR3127)	miRNA	chr2	96798278	96798353	+	0	0
ENSG0000(MIR4670)	miRNA	chr9	92527984	92528058	-	0	0
ENSG0000(MIR4762)	miRNA	chr22	45760524	45760598	+	0	0
ENSG0000(MIR3689B)	miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-640N)	transcribec	chr17	32083179	32097065	+	0	0
ENSG0000(RP1-253P7)	sense_intr	chr17	17777781	17779094	+	0	0
ENSG0000(MTND1P15)	transcribec	chr17	22524738	22525686	+	0	0
ENSG0000(RN7SL665F)	misc_RNA	chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(MIR4305)	miRNA	chr13	39664034	39664135	-	0	0
ENSG0000(PDLIM1P3)	processed	chr17	27002661	27003259	-	0	0
ENSG0000(RP11-212E)	lincRNA	chr17	34725509	34726170	-	0	0
ENSG0000(MIR3189)	miRNA	chr19	18386562	18386634	+	0	0
ENSG0000(MAGOH2P)	transcribec	chr17	10716002	10716511	-	0.94	0.21
ENSG0000(RP1-37N7)	antisense	chr17	18379855	18388984	-	0	0.01
ENSG0000(RP11-672L)	processed	chr18	856526	857045	+	0	0

ENSG0000(SNRPCP4 processed_ chr18	2990652	2991078	+	0	0
ENSG0000(RP11-45M; protein_co chr17	17202649	17237185	-	1.44	2.51
ENSG0000(RP11-13N1 sense_intr chr18	21661787	21662395	-	0	0
ENSG0000(CTD-2533G processed_ chr18	1927727	1929094	-	0	0
ENSG0000(RN7SL117F misc_RNA chr2	21922993	21923288	+	0	0
ENSG0000(RP11-737G processed_ chr18	25953216	25953468	-	0	0
ENSG0000(RP11-171G antisense chr17	72839039	72839718	+	0	0
ENSG0000(MIR4693 miRNA chr11	1.04E+08	1.04E+08	+	0	0
ENSG0000(MIR4701 miRNA chr12	48771975	48772037	-	0	0
ENSG0000(AGAP7P unprocess chr10	46109621	46131358	+	0.47	0.31
ENSG0000(RP11-196G antisense chr1	1.5E+08	1.5E+08	+	0.67	0.94
ENSG0000(MIR4716 miRNA chr15	49169070	49169153	-	0	0
ENSG0000(MIR4492 miRNA chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-94B1 lincRNA chr18	76256891	76258337	+	0	0
ENSG0000(RP11-283C lincRNA chr17	20788071	20789584	+	0	0
ENSG0000(NOS2P1 transcribec chr17	27651334	27665712	-	0	0
ENSG0000(RPL35AP25 processed_ chr10	45940522	45940851	+	0	0
ENSG0000(MIR3168 miRNA chr13	41101019	41101100	-	0	0
ENSG0000(RNU4ATAC snRNA chr2	1.22E+08	1.22E+08	+	0	0
ENSG0000(ANXA8L1 protein_co chr10	46375627	46537864	+	3.86	3.36
ENSG0000(LINC01916 lincRNA chr18	65424013	65447512	+	0	0
ENSG0000(MIR4456 miRNA chr5	535840	535882	-	0	0
ENSG0000(RP13-270P antisense chr18	3255436	3261850	-	0	0
ENSG0000(RP11-861L processed_ chr18	68992718	68993375	-	0	0
ENSG0000(RP11-19P2 processed_ chr17	27677805	27678087	-	0	0
ENSG0000(RP11-271K unprocess chr17	30553697	30558962	+	0	0
ENSG0000(RP11-6N17 lincRNA chr17	47863342	47865190	+	0	0
ENSG0000(RP11-822E processed_ chr17	21573770	21574073	+	0	0
ENSG0000(RP11-138C processed_ chr18	4430945	4431152	+	0	0
ENSG0000(LINC00909 lincRNA chr18	74591774	74598508	-	5.32	4.99
ENSG0000(MIR3912 miRNA chr5	1.71E+08	1.71E+08	-	0	0
ENSG0000(RN7SL835F misc_RNA chr19	16907462	16907723	+	0	0
ENSG0000(RN7SL819F misc_RNA chr17	44718861	44719130	-	0	0
ENSG0000(CTD-3096M lincRNA chr18	5310396	5317664	+	0	0
ENSG0000(KIR3DP1 transcribec chr19	54786355	54790318	+	0	0
ENSG0000(LINC01893 lincRNA chr18	76209510	76215702	+	0	0
ENSG0000(RP11-285M lincRNA chr17	22676695	22692618	-	0	0
ENSG0000(RP11-671P antisense chr18	53480835	53568283	-	0	0
ENSG0000(LINC01925 lincRNA chr18	508568	515294	-	0.6	0.99
ENSG0000(MIR4322 miRNA chr19	10230413	10230485	+	0	0
ENSG0000(MIR4767 miRNA chrX	7147860	7147937	+	0	0
ENSG0000(RP11-15F1 antisense chr18	49023703	49048474	+	0	0
ENSG0000(RP11-474I1 antisense chr17	75683543	75684799	-	0	0
ENSG0000(RN7SL488F misc_RNA chr1	63529613	63529898	-	0	0.39
ENSG0000(CTD-2514K antisense chr17	74256896	74262020	-	0	0

ENSG00000100000	CTD-2145A antisense	chr17	18859354	18861466	-	0	0
ENSG00000100000	MIR4799	miRNA chr4	1.48E+08	1.48E+08	+	0	0
ENSG00000100000	RN7SL753F	misc_RNA chr2	2.02E+08	2.02E+08	+	0	0
ENSG00000100000	RP11-162A	lincRNA chr18	76794732	76822295	-	0.41	0.45
ENSG00000100000	MIR4786	miRNA chr2	2.4E+08	2.4E+08	-	0	0
ENSG00000100000	CTD-2031P	processed_chr5	55944656	55944733	+	0	0
ENSG00000100000	RP11-2681P	processed_chr18	21914369	21914660	-	0	0
ENSG00000100000	RP11-6813	sense_intronic chr17	29569580	29570519	+	0.5	0.55
ENSG00000100000	MIR2467	miRNA chr2	2.39E+08	2.39E+08	-	0	0
ENSG00000100000	RN7SL657F	misc_RNA chr1	1405460	1405752	-	0.66	0.32
ENSG00000100000	SNORD55	snoRNA chr1	44775864	44775943	+	0	0
ENSG00000100000	MIR3922	miRNA chr12	1.05E+08	1.05E+08	+	0	0
ENSG00000100000	RP11-116K	processed_chr18	54142133	54142577	+	0	0
ENSG00000100000	MIR4433B	miRNA chr2	64340747	64340848	-	0	0
ENSG00000100000	RP11-640N	transcribed chr17	32003110	32006688	-	0	0
ENSG00000100000	LINC01444	lincRNA chr18	14969001	14970468	-	0	0
ENSG00000100000	RP11-20B2	antisense chr17	28892469	28893342	+	0	0
ENSG00000100000	MIR4694	miRNA chr11	19760004	19760083	-	0	0
ENSG00000100000	CCDC58P1	processed_chr18	10623876	10624305	-	0	0
ENSG00000100000	RN7SL644F	misc_RNA chr10	92659044	92659302	+	0.52	0.65
ENSG00000100000	MIR548AT	miRNA chr17	42494773	42494830	+	0	0
ENSG00000100000	HNRNPA1P	processed_chr18	72618267	72619222	+	0	0
ENSG00000100000	MTCO3P13	unprocessed chr17	22530612	22531392	+	0	0
ENSG00000100000	RN7SL154F	misc_RNA chr19	34421988	34422311	-	0	0
ENSG00000100000	MIR4801	miRNA chr4	37241910	37241991	-	0	0
ENSG00000100000	RN7SL448F	misc_RNA chr17	60899891	60900185	+	0	0
ENSG00000100000	RP11-287D	protein_coding chr2	74211604	74363377	-	0	0.06
ENSG00000100000	MIR5186	miRNA chr3	1.52E+08	1.52E+08	-	0	0
ENSG00000100000	RP11-671C	lincRNA chr18	77983020	77986610	-	0	0
ENSG00000100000	RP11-769C	antisense chr18	738058	739444	+	0	0
ENSG00000100000	RP11-231E	antisense chr18	74561381	74562100	-	0	0
ENSG00000100000	MIR4417	miRNA chr1	5564071	5564143	+	0	0
ENSG00000100000	MIR3660	miRNA chr5	90016621	90016720	-	0	0
ENSG00000100000	NOTCH2NL	protein_coding chr1	1.46E+08	1.46E+08	-	12.15	11.95
ENSG00000100000	LINC01894	lincRNA chr18	24933487	24987682	-	0	0
ENSG00000100000	SNORA77	snoRNA chr22	20126402	20126526	+	0	0
ENSG00000100000	MIR4258	miRNA chr1	1.55E+08	1.55E+08	+	0	0
ENSG00000100000	SNRPGP2	processed_chr18	54406889	54407114	-	0	0
ENSG00000100000	RN7SL602F	misc_RNA chr2	34809233	34809556	-	1.48	1.56
ENSG00000100000	MIR3134	miRNA chr3	15697298	15697371	-	0	0
ENSG00000100000	MIR4648	miRNA chr7	2527074	2527145	+	0	0
ENSG00000100000	MIR3122	miRNA chr1	2.12E+08	2.12E+08	+	0	0
ENSG00000100000	NEK4P2	processed_chr17	16666107	16667118	-	0	0
ENSG00000100000	DYNLL2	protein_coding chr17	58083415	58095536	+	10.79	11.48
ENSG00000100000	RP11-621L	antisense chr18	24364787	24367984	+	0	0

ENSG0000(MIR3125)	miRNA	chr2	12737367	12737444	+	0	0
ENSG0000(MIR4425)	miRNA	chr1	25023503	25023586	+	0	0
ENSG0000(RP11-227G)	processed	chr17	32434939	32435028	-	0	0
ENSG0000(MIR4671)	miRNA	chr1	2.34E+08	2.34E+08	+	0	0
ENSG0000(SNORD39)	snoRNA	chr9	21524307	21524382	-	0	0
ENSG0000(RN7SL431F)	misc_RNA	chr1	1.54E+08	1.54E+08	-	0.35	0
ENSG0000(MIR4513)	miRNA	chr15	74788672	74788757	-	0	0
ENSG0000(MIR5007)	miRNA	chr13	55174454	55174548	+	0	0
ENSG0000(RP11-752P)	processed	chr18	71588537	71588884	+	0	0
ENSG0000(MIR4465)	miRNA	chr6	1.41E+08	1.41E+08	+	0	0
ENSG0000(RN7SL208F)	misc_RNA	chr5	76836900	76837195	-	0	0
ENSG0000(MIR3193)	miRNA	chr20	31607186	31607240	+	0	0
ENSG0000(MIR3180-5)	miRNA	chr16	2135977	2136129	-	0	0
ENSG0000(MIR4736)	miRNA	chr17	58335976	58336022	-	0	0
ENSG0000(RN7SL491F)	misc_RNA	chr19	35414881	35415149	-	0	0
ENSG0000(MIR548AL)	miRNA	chr11	74399237	74399333	+	0	0
ENSG0000(RP11-342C)	lincRNA	chr10	47588681	47599830	-	0	0
ENSG0000(MIR3913-1)	miRNA	chr12	69584722	69584823	-	0	0
ENSG0000(MIR548AP)	miRNA	chr15	85825635	85825730	+	0	0
ENSG0000(MIR4470)	miRNA	chr8	61714788	61714859	+	0	0
ENSG0000(MIR548AC)	miRNA	chr1	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-401F)	antisense	chr17	67224303	67225541	+	0	0
ENSG0000(RP11-434D)	lincRNA	chr17	20576667	20578748	-	0	0
ENSG0000(RN7SL718F)	misc_RNA	chr19	41190927	41191229	-	0	0
ENSG0000(MYH4)	protein_co	chr17	10443290	10469559	-	0	0
ENSG0000(MIR4653)	miRNA	chr7	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR4283-1)	miRNA	chr7	56955785	56955864	-	0	0
ENSG0000(MIR3183)	miRNA	chr17	1022476	1022559	-	0	0
ENSG0000(RP11-285N)	processed	chr17	22693325	22694831	-	0	0
ENSG0000(CTD-2006C)	antisense	chr18	25302126	25302960	+	0	0
ENSG0000(RP11-338L)	transcribed	chr17	29972514	29973027	+	0	0
ENSG0000(RN7SL560F)	misc_RNA	chr9	1.29E+08	1.29E+08	+	0	0.52
ENSG0000(RP4-594I1)	lincRNA	chr1	24538802	24556024	-	0	0
ENSG0000(SDHCP1)	processed	chr18	68866517	68867028	+	0	0
ENSG0000(RP3-388N1)	lincRNA	chr8	93915734	93916682	-	0.19	0.29
ENSG0000(RP11-945C)	antisense	chr18	5887487	5909122	+	0	0
ENSG0000(RP11-433M)	lincRNA	chr17	48460370	48466040	+	0	0
ENSG0000(snoZ6)	snoRNA	chr21	44439035	44439110	+	0	0
ENSG0000(RP11-848P)	sense_intr	chr17	30971652	30973312	+	0.11	0.19
ENSG0000(RP11-220C)	antisense	chr17	32627739	32686484	+	0	0
ENSG0000(MIR3648-2)	miRNA	chr21	8986999	8987178	+	0	0
ENSG0000(RP11-110H)	lincRNA	chr18	49499390	49501860	+	0	0.03
ENSG0000(MIR4520-1)	miRNA	chr17	6655440	6655509	-	0	0
ENSG0000(MIR4794)	miRNA	chr1	64579847	64579923	+	0	0
ENSG0000(RP11-861L)	antisense	chr18	68899781	68902255	-	0	0

ENSG00000108465	MIR4656	miRNA	chr7	4788565	4788639	-	0	0
ENSG00000108466	RP11-76K1	antisense	chr18	7076817	7080123	+	0	0
ENSG00000108467	MIR5682	miRNA	chr3	1.21E+08	1.21E+08	+	0	0
ENSG00000108468	MIR4714	miRNA	chr15	98784426	98784502	+	0	0
ENSG00000108469	MIR4705	miRNA	chr13	1.02E+08	1.02E+08	-	0	0
ENSG00000108470	MIR5008	miRNA	chr1	2.28E+08	2.28E+08	-	0	0
ENSG00000108471	RN7SL697F	misc_RNA	chrX	1.54E+08	1.54E+08	-	0	0
ENSG00000108472	CTD-2008P	lincRNA	chr17	28256438	28265551	+	0	0
ENSG00000108473	RP11-605F	lincRNA	chr17	40803744	40809296	+	0	0
ENSG00000108474	WI2-87327	lincRNA	chr20	62575590	62577507	+	0	0
ENSG00000108475	RP11-349A	antisense	chr17	67019934	67021743	-	0	0
ENSG00000108476	MIR4298	miRNA	chr11	1859464	1859536	-	0	0
ENSG00000108477	MIR4650-2	miRNA	chr7	72697903	72697978	+	0	0
ENSG00000108478	RP11-640N	processed_transcript	chr17	32024469	32024583	-	0	0
ENSG00000108479	MIR3124	miRNA	chr1	2.49E+08	2.49E+08	+	0	0
ENSG00000108480	RN7SL731F	misc_RNA	chr1	10306465	10306757	+	3.51	3.92
ENSG00000108481	RP11-856N	processed_transcript	chr18	10622123	10622267	-	0	0
ENSG00000108482	MIR3678	miRNA	chr17	75406069	75406162	+	0	0
ENSG00000108483	MIR5692A	miRNA	chr8	12719132	12719190	+	0	0
ENSG00000108484	RP11-556C	antisense	chr17	63117019	63130947	-	0	0
ENSG00000108485	RP11-720L	lincRNA	chr18	316737	319165	+	0	0
ENSG00000108486	CTC-525D6	processed_transcript	chr19	29287011	29525752	-	0.02	0
ENSG00000108487	RN7SL596F	misc_RNA	chr11	63797784	63798071	-	0	0
ENSG00000108488	RP4-777O2	lincRNA	chr7	30525731	30533613	+	0	0
ENSG00000108489	OTUD7B	protein_coding	chr1	1.5E+08	1.5E+08	-	6.63	6.65
ENSG00000108490	MIR4778	miRNA	chr2	66358249	66358328	-	0	0
ENSG00000108491	RP11-556C	transcribed_unit	chr17	63182166	63182817	+	0	0
ENSG00000108492	RN7SL25P	misc_RNA	chr9	6542094	6542353	+	0	0
ENSG00000108493	MIR378B	miRNA	chr3	10330229	10330285	+	0	0
ENSG00000108494	MIR5706	miRNA	chr5	1.19E+08	1.19E+08	+	0	0
ENSG00000108495	SUZ12P1	transcribed_unit	chr17	30709299	30790908	+	5.62	3.93
ENSG00000108496	MIR548AR	miRNA	chr13	1.14E+08	1.14E+08	+	0	0
ENSG00000108497	RN7SL405F	misc_RNA	chr17	44883986	44884274	+	0.42	0
ENSG00000108498	RP11-145E	protein_coding	chr9	21802636	22032986	+	0.53	0
ENSG00000108499	RP11-464D	sense_intronic	chr17	62549726	62552121	+	0	0
ENSG00000108500	RP13-516N	antisense	chr17	82214227	82217352	+	0.13	0.26
ENSG00000108501	SNORD95	snoRNA	chr5	1.81E+08	1.81E+08	-	0	0
ENSG00000108502	MIR4257	miRNA	chr1	1.51E+08	1.51E+08	+	0	0
ENSG00000108503	RN7SL793F	misc_RNA	chr12	1.02E+08	1.02E+08	-	0	0
ENSG00000108504	RP11-138C	antisense	chr17	47682417	47682683	-	0.46	0
ENSG00000108505	MIR3162	miRNA	chr11	59595077	59595158	-	0	0
ENSG00000108506	RP11-1109	processed_transcript	chr17	22305671	22306013	-	0	0
ENSG00000108507	MIR4633	miRNA	chr5	1.29E+08	1.29E+08	+	0	0
ENSG00000108508	RP11-61D1	processed_transcript	chr18	54525434	54525563	+	0	0
ENSG00000108509	MIR23C	miRNA	chrX	20017088	20017187	-	0	0

ENSG0000(RP13-650J)	antisense	chr17	82037905	82039380	+	0	0
ENSG0000(SNX19P3)	processed	chr18	14629832	14632806	-	0	0
ENSG0000(MIR4529)	miRNA	chr18	55479221	55479298	+	0	0
ENSG0000(MIR4296)	miRNA	chr10	1.25E+08	1.25E+08	-	0	0
ENSG0000(RN7SL15P)	misc_RNA	chrX	41345576	41345876	-	0	0.78
ENSG0000(MIR1254-2)	miRNA	chr10	23393405	23393467	+	0	0
ENSG0000(LINC00526)	lincRNA	chr18	5236724	5238598	-	0.9	0.66
ENSG0000(AC010761)	antisense	chr17	28721487	28722877	-	0	0
ENSG0000(RP11-360L)	antisense	chr8	41609692	41621502	-	0	0
ENSG0000(MIR5692B)	miRNA	chr21	42950928	42951014	-	0	0
ENSG0000(RN7SL326F)	misc_RNA	chr1	40804846	40805141	+	0	0
ENSG0000(MIR4487)	miRNA	chr11	47400970	47401042	+	0	0
ENSG0000(MIR4449)	miRNA	chr4	52712682	52712747	+	0	0
ENSG0000(RP11-784B)	lincRNA	chr18	29518259	29548241	+	0	0
ENSG0000(MAPT-AS1)	antisense	chr17	45799390	45895630	-	0	0.03
ENSG0000(RN7SL131F)	misc_RNA	chr1	36191915	36192170	+	0	0
ENSG0000(RP11-94B1)	lincRNA	chr18	76227990	76233387	-	0	0
ENSG0000(RP11-678G)	sense_intr	chr18	7814118	7815730	+	0	0
ENSG0000(RP1-29G21)	sense_intr	chr17	33052107	33052867	-	0	0
ENSG0000(MIR3159)	miRNA	chr11	18387787	18387860	+	0	0
ENSG0000(MIR3173)	miRNA	chr14	95137919	95137986	-	0	0
ENSG0000(RP11-192H)	sense_intr	chr17	28601827	28602284	-	0	0
ENSG0000(MIR4685)	miRNA	chr10	98431292	98431360	-	0	0
ENSG0000(RN7SL290F)	misc_RNA	chr1	51995740	51996039	+	0	0
ENSG0000(MIR5588)	miRNA	chr3	1.85E+08	1.85E+08	-	0	0
ENSG0000(RN7SL592F)	misc_RNA	chr9	2228961	2229241	-	0	0
ENSG0000(MIR4755)	miRNA	chr20	34049119	34049190	+	0	0
ENSG0000(AC144838)	unprocess	chr17	21655843	21657633	-	0	0
ENSG0000(RN7SL732F)	misc_RNA	chrX	39786524	39786823	-	0	0
ENSG0000(MIR5591)	miRNA	chr4	39411910	39411974	+	0	0
ENSG0000(RP11-642M)	lincRNA	chr17	34837871	34859046	-	0	0
ENSG0000(MIR4796)	miRNA	chr3	1.15E+08	1.15E+08	-	0	0
ENSG0000(PRKCA-AS1)	antisense	chr17	66398069	66416854	-	0	0
ENSG0000(MIR4271)	miRNA	chr3	49274120	49274186	+	0	0
ENSG0000(RP11-659F)	lincRNA	chr18	67940949	67956426	+	0	0
ENSG0000(RP11-769C)	sense_intr	chr18	738058	739662	-	0.44	0.22
ENSG0000(MIR3152)	miRNA	chr9	18573306	18573379	+	0	0
ENSG0000(RP11-118G)	lincRNA	chr17	33680577	33680883	+	0	0
ENSG0000(KRT18P8)	processed	chr18	9678248	9679493	-	0	0
ENSG0000(RP11-68I3)	antisense	chr17	29591703	29592241	-	0	0
ENSG0000(MIR5194)	miRNA	chr8	1.3E+08	1.3E+08	-	0	0
ENSG0000(CTD-2267D)	processed	chr17	40367952	40368438	+	0	0
ENSG0000(MIR3171)	miRNA	chr14	27633205	27633278	-	0	0
ENSG0000(MIR4798)	miRNA	chr4	7310450	7310524	+	0	0
ENSG0000(CTD-2006K)	antisense	chr17	74672712	74677600	-	0	0

ENSG0000(RP11-381P antisense)	chr17	20963722	20980238	+	0	0
ENSG0000(MIR3200 miRNA)	chr22	30731557	30731641	+	0	0
ENSG0000(RP11-283C processed)	chr17	20789217	20789595	-	0	0
ENSG0000(KRT8P34 processed)	chr17	39835037	39836080	-	0	0
ENSG0000(RP11-524F antisense)	chr17	17591428	17610485	+	0.38	0.21
ENSG0000(RP13-582C protein_co)	chr8	1.43E+08	1.43E+08	+	0.13	0.67
ENSG0000(SEPT4-AS1 antisense)	chr17	58519837	58556977	+	0.45	0.34
ENSG0000(RP11-92B1 antisense)	chr17	16788248	16789234	-	0	0
ENSG0000(MIR4285 miRNA)	chr7	1.02E+08	1.02E+08	+	0	0
ENSG0000(RN7SL204F misc_RNA)	chr2	2.36E+08	2.36E+08	+	0	0
ENSG0000(MIR3140 miRNA)	chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(hsa-mir-47 miRNA)	chr2	1.51E+08	1.51E+08	+	0	0
ENSG0000(PRPF19P1 processed)	chr18	66068750	66069647	-	0	0
ENSG0000(RP11-19P2 processed)	chr17	27682476	27682737	+	0	0
ENSG0000(RP11-63N3 lincRNA)	chr18	77622552	77624515	+	0	0
ENSG0000(RP11-178F lincRNA)	chr18	24489375	24491080	+	0	0
ENSG0000(RP11-585K processed)	chr18	68527970	68528123	+	0	0
ENSG0000(MIR4255 miRNA)	chr1	37161563	37161634	+	0	0
ENSG0000(LINC01912 lincRNA)	chr18	68258339	68264827	-	0	0
ENSG0000(RP11-6N17 antisense)	chr17	47980398	47996196	-	0	0
ENSG0000(MIR4752 miRNA)	chr19	54282109	54282180	+	0	0
ENSG0000(RP11-674P lincRNA)	chr18	69212277	69214350	+	0.05	0.06
ENSG0000(RN7SL217F misc_RNA)	chr3	49863375	49863660	-	0	0
ENSG0000(L3MBTL4-A lincRNA)	chr18	6256747	6260934	+	0	0
ENSG0000(MIR4504 miRNA)	chr14	50299855	50299946	-	0	0
ENSG0000(RP11-21G1 transcribed)	chr18	10724619	10728539	+	0	0
ENSG0000(CH17-360C protein_co)	chr10	47918739	47923524	+	0.45	0.55
ENSG0000(MIR3117 miRNA)	chr1	66628440	66628517	+	0	0
ENSG0000(MIR3670-2 miRNA)	chr16	16306370	16306434	+	0	0
ENSG0000(MIR3129 miRNA)	chr2	1.89E+08	1.89E+08	-	0	0
ENSG0000(RP11-680C lincRNA)	chr17	11288205	11290811	+	0	0.02
ENSG0000(RP11-219A lincRNA)	chr17	16804627	16805707	+	0	0
ENSG0000(MIR4638 miRNA)	chr5	1.81E+08	1.81E+08	-	0	0
ENSG0000(MIR4718 miRNA)	chr16	12720321	12720371	+	0	0
ENSG0000(RP11-260A lincRNA)	chr17	26989189	26999941	-	0	0
ENSG0000(RP11-498C lincRNA)	chr17	81965632	81966589	-	0	0
ENSG0000(BDP1P processed)	chr18	77435253	77437242	-	0	0
ENSG0000(MIR4511 miRNA)	chr15	65719246	65719332	-	0	0
ENSG0000(RP11-1381J antisense)	chr17	16414524	16416689	-	0.03	0.03
ENSG0000(MIR4505 miRNA)	chr14	73758747	73758819	+	0	0
ENSG0000(DPRXP4 processed)	chr17	30975387	30975954	+	0	0
ENSG0000(MIR3689C miRNA)	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(TTC39C-AS antisense)	chr18	23994213	24015339	-	0.08	0
ENSG0000(MIR3924 miRNA)	chr10	57304479	57304559	-	0	0
ENSG0000(RP11-277J antisense)	chr17	73641026	73643106	+	0	0

ENSG00000100000	CTD-2653B	sense_intron	chr17	67524481	67525422	+	0	0
ENSG00000100000	MIR3131	miRNA	chr2	2.19E+08	2.19E+08	-	0	0
ENSG00000100000	MIR3198-1	miRNA	chr22	17764180	17764259	-	0	0
ENSG00000100000	MIR3141	miRNA	chr5	1.55E+08	1.55E+08	-	0	0
ENSG00000100000	MIR4295	miRNA	chr10	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	MIR4772	miRNA	chr2	1.02E+08	1.02E+08	+	0	0
ENSG00000100000	RP11-92B1	lincRNA	chr17	16653904	16654787	+	0	0
ENSG00000100000	RN7SL237F	misc_RNA	chr20	38098414	38098700	-	0	0
ENSG00000100000	RP11-498C	antisense	chr17	81922899	81924511	+	0	0
ENSG00000100000	RP11-186B	processed_transcript	chr17	7572826	7582024	+	1.36	1.05
ENSG00000100000	MIR4420	miRNA	chr1	30739156	30739232	-	0	0
ENSG00000100000	PPIAP14	processed_transcript	chr18	5002759	5003254	-	0	0
ENSG00000100000	MIR4537	miRNA	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000100000	RP11-311F	antisense	chr17	19737682	19738542	+	0	0
ENSG00000100000	MIR3148	miRNA	chr8	29957272	29957348	-	0	0
ENSG00000100000	RP11-26N1	lincRNA	chr18	27343252	27346110	+	0.01	0
ENSG00000100000	CTC-304I17	antisense	chr17	34142947	34147047	+	0	0
ENSG00000100000	MIR4637	miRNA	chr5	14825929	14826012	-	0	0
ENSG00000100000	MIR4771-1	miRNA	chr2	87194786	87194859	+	0	0
ENSG00000100000	MIR5009	miRNA	chr15	89883931	89884030	-	0	0
ENSG00000100000	MIR4294	miRNA	chr10	48985512	48985587	-	0	0
ENSG00000100000	ERVFRD-3	transcribed_element	chr9	21929457	21931073	+	0.07	0.17
ENSG00000100000	MIR5191	miRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG00000100000	MIR378C	miRNA	chr10	1.31E+08	1.31E+08	-	0	0
ENSG00000100000	RP11-802D	antisense	chr17	29369717	29390777	-	0.34	0.19
ENSG00000100000	Metazoa_S	misc_RNA	chr1	1.78E+08	1.78E+08	+	0	0
ENSG00000100000	MIR4441	miRNA	chr2	2.39E+08	2.39E+08	-	0	0
ENSG00000100000	RP11-1109	processed_transcript	chr17	22299134	22299467	-	0	0
ENSG00000100000	RP13-20L1	sense_intron	chr17	82400703	82401382	-	0.26	0.3
ENSG00000100000	CTD-2501B	protein_coding	chr17	63484823	63521848	+	0.02	0
ENSG00000100000	MIR1273C	miRNA	chr6	1.55E+08	1.55E+08	+	0	0
ENSG00000100000	MIR3154	miRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG00000100000	MIR5571	miRNA	chr22	22886267	22886379	+	0	0
ENSG00000100000	RP11-627G	lincRNA	chr18	22213778	22228029	+	0	0
ENSG00000100000	RP11-474I1	antisense	chr17	75679474	75679967	-	0	0
ENSG00000100000	RN7SL468F	misc_RNA	chr2	1.19E+08	1.19E+08	+	0	0
ENSG00000100000	MIR1273F	miRNA	chr1	52928674	52928772	+	0	0
ENSG00000100000	VN1R71P	processed_transcript	chr17	27057399	27058221	+	0	0
ENSG00000100000	RN7SL404F	misc_RNA	chr17	64871504	64871784	-	0	0
ENSG00000100000	RP11-856N	antisense	chr18	10704297	10709599	+	0	0
ENSG00000100000	RP11-465I4	transcribed_element	chr18	69469517	69471736	+	0	0
ENSG00000100000	MIR4310	miRNA	chr15	41866495	41866551	-	0	0
ENSG00000100000	RP11-16C1	sense_intron	chr17	75370947	75373736	-	0	0
ENSG00000100000	MIR5696	miRNA	chr2	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	DSG2-AS1	antisense	chr18	31542146	31556911	-	0	0

ENSG0000(RP11-143K processed_ chr17	73164977	73196593	+	0	0
ENSG0000(RN7SL45P misc_RNA chr17	31518432	31518729	+	0	0
ENSG0000(MIR3613 miRNA chr13	49996415	49996501	-	0	0
ENSG0000(RP11-526H lincRNA chr18	68102116	68114377	+	0	0
ENSG0000(AC087499. processed_ chr17	20710425	20710533	-	0	0
ENSG0000(RP11-138E lincRNA chr18	10323132	10372380	-	0	0
ENSG0000(RN7SL690F misc_RNA chr20	20316755	20316994	+	0	0
ENSG0000(RP11-805F lincRNA chr18	15159724	15164467	-	0	0
ENSG0000(MIR1273D miRNA chr1	10227718	10227803	+	0	0
ENSG0000(RP11-815I sense_intr chr17	18667629	18669461	-	0.71	1.2
ENSG0000(NOS2P4 processed_ chr17	16812447	16812651	+	0	0
ENSG0000(RP11-421E sense_intr chr17	51249579	51251748	-	0	0
ENSG0000(MIR3921 miRNA chr3	99964314	99964398	-	0	0
ENSG0000(MIR3616 miRNA chr20	47166967	47167058	+	0	0
ENSG0000(MIR5701-3 miRNA chr15	21951242	21951323	+	0	0
ENSG0000(MIR4494 miRNA chr12	47364186	47364269	-	0	0
ENSG0000(PRELID3BP processed_ chr17	62841101	62841645	+	0	0
ENSG0000(RN7SL525F misc_RNA chr19	58543299	58543578	-	0	0.53
ENSG0000(RP11-107K processed_ chr18	26348347	26349004	+	0	0
ENSG0000(RP11-343K antisense chr17	57912333	57922581	+	0	0
ENSG0000(RN7SL230F misc_RNA chr1	1.8E+08	1.8E+08	+	0	0
ENSG0000(RP11-6N17 processed_ chr17	47891255	47895812	-	4.92	6.32
ENSG0000(MIR4540 miRNA chr9	36864254	36864308	-	0	0
ENSG0000(RP11-799B antisense chr18	24113637	24121003	-	0	0
ENSG0000(MIR378F miRNA chr1	23929070	23929147	+	0	0
ENSG0000(RP11-846F processed_ chr17	22606388	22606703	+	0	0
ENSG0000(MIR3138 miRNA chr4	10078611	10078692	-	0	0
ENSG0000(CTD-2104P antisense chr17	19649373	19649935	-	0	0
ENSG0000(RN7SL190F misc_RNA chrX	1.24E+08	1.24E+08	-	0	0
ENSG0000(MIR4265 miRNA chr2	1.09E+08	1.09E+08	-	0	0
ENSG0000(AC100830. antisense chr15	64696622	64696861	+	0	0
ENSG0000(SNORD3C snoRNA chr17	19189665	19190245	-	0	0
ENSG0000(MIR4474 miRNA chr9	20502265	20502342	-	0	0
ENSG0000(SH3GL1P2 processed_ chr17	30624413	30625494	+	0.19	0.06
ENSG0000(MIR3181 miRNA chr16	50742305	50742377	+	0	0
ENSG0000(PRR29-AS1 lincRNA chr17	63996071	63999899	-	0.05	0.15
ENSG0000(RP11-1109 lincRNA chr17	22266425	22288133	+	0	0
ENSG0000(ALOX12P1 unprocess chr17	30529688	30542416	+	0	0
ENSG0000(MIR4730 miRNA chr17	80419418	80419493	+	0	0
ENSG0000(RN7SL440F misc_RNA chr1	94150738	94151080	+	0	0.33
ENSG0000(RP11-888D lincRNA chr18	9315194	9334441	-	1.33	2.2
ENSG0000(MIR5094 miRNA chr15	89850637	89850721	-	0	0
ENSG0000(RP11-387H lincRNA chr17	39927742	39939601	+	0	0
ENSG0000(RP11-846F processed_ chr17	22704415	22705685	+	0	0
ENSG0000(PRR13P4 processed_ chr18	49469803	49470223	+	0	0

ENSG000001034789	MIR4789	miRNA	chr3	1.75E+08	1.75E+08	+	0	0
ENSG000001034431	MIR4431	miRNA	chr2	52702522	52702615	-	0	0
ENSG000001034630	RN7SL630F	misc_RNA	chr12	93831076	93831372	+	0	0
ENSG000001034368	MIR4436B	miRNA	chr2	1.1E+08	1.1E+08	-	0	0
ENSG000001034434	RP11-434D	unprocessed	chr17	20542974	20544123	-	0	0
ENSG000001034434	RP11-344B	antisense	chr18	32287437	32290340	+	0	0
ENSG000001034691	MIR5691	miRNA	chr11	9090312	9090379	-	0	0
ENSG000001034491	RP11-449L	antisense	chr17	73513612	73521407	+	0	0
ENSG000001034592	MIR5092	miRNA	chr3	1.25E+08	1.25E+08	-	0	0
ENSG00000103415E	RP11-215E	lincRNA	chr17	34176538	34178166	+	0	0
ENSG00000103492	SNORD92	snoRNA	chr2	28913664	28913748	+	0	0
ENSG00000103439	SNORD39	snoRNA	chr11	1.09E+08	1.09E+08	-	0	0
ENSG0000010345089	MIR5089	miRNA	chr17	46973017	46973100	+	0	0
ENSG00000103453A	RP11-453A	lincRNA	chr17	62808500	62836371	+	0	0
ENSG000001034780	MIR4780	miRNA	chr2	88082519	88082599	-	0	0
ENSG000001034548W	MIR548W	miRNA	chr16	26025237	26025310	+	0	0
ENSG000001034327	MIR4327	miRNA	chr21	30375294	30375378	-	0	0
ENSG0000010345316	RP11-5316	antisense	chr18	32091295	32092119	-	0	0
ENSG000001034661C	RP11-661C	sense_intronic	chr17	73243093	73244706	+	0	0
ENSG0000010343160-1	MIR3160-1	miRNA	chr11	46451805	46451889	-	0	0
ENSG00000103454P	RP11-454P	transcribed	chr18	15196999	15197775	-	0.2	0
ENSG00000103412P	AGAP12P	transcribed	chr10	48009873	48031640	-	0.44	0.97
ENSG0000010341P2	NCOR1P2	unprocessed	chr17	22061961	22070538	-	0	0
ENSG000001034792	MIR4792	miRNA	chr3	24521362	24521435	-	0	0
ENSG0000010341273E	MIR1273E	miRNA	chr17	64425069	64425170	-	0	0
ENSG00000103475L262F	RN7SL262F	misc_RNA	chrX	49152651	49152944	+	0	0
ENSG0000010342P1	PMM2P1	processed	chr18	10636670	10637399	+	0	0
ENSG000001034119P2	RP11-19P2	unprocessed	chr17	27666749	27672803	-	0	0
ENSG000001034728E	RP11-728E	lincRNA	chr17	21456513	21460215	-	0.02	0
ENSG000001034542B2	CTC-542B2	lincRNA	chr17	31830731	31831750	+	0	0
ENSG00000103475L622F	RN7SL622F	misc_RNA	chr17	67977698	67977972	+	0	0
ENSG000001034145343	AC145343	lincRNA	chr17	68096046	68101474	-	0.22	0
ENSG000001034548S	MIR548S	miRNA	chr2	11767444	11767525	+	0	0
ENSG000001034765	MIR4765	miRNA	chr2	32635255	32635331	+	0	0
ENSG0000010342P	PPY2P	transcribed	chr17	28247444	28248289	+	0	0
ENSG000001034419B	MIR4419B	miRNA	chr12	1.28E+08	1.28E+08	+	0	0
ENSG000001034692	MIR4692	miRNA	chr11	72783530	72783592	+	0	0
ENSG000001034781P	RP11-781P	antisense	chr18	6954677	6957419	+	0	0
ENSG000001034010761	AC010761	antisense	chr17	28732963	28743102	-	0.79	0.12
ENSG0000010343622B	MIR3622B	miRNA	chr8	27701673	27701767	-	0	0
ENSG00000103475L664F	RN7SL664F	misc_RNA	chr3	48094801	48095105	-	0	0
ENSG0000010343691	MIR3691	miRNA	chr6	5148233	5148322	-	0	0
ENSG000001034655	MIR4655	miRNA	chr7	1844180	1844253	-	0	0
ENSG000001034835E	RP11-835E	lincRNA	chr18	5232876	5238526	-	0	0
ENSG000001034484	MIR4484	miRNA	chr10	1.26E+08	1.26E+08	+	0	0

ENSG0000(RN7SL246F)	misc_RNA	chr12	45874035	45874330	+	0	0
ENSG0000(RP11-178F)	sense_intr	chr18	24435364	24439638	+	0	0
ENSG0000(FTLP12)	processed_	chr17	16391434	16391882	+	0	0
ENSG0000(C1QTNF1-)	antisense	chr17	79019209	79027655	-	0.07	0
ENSG0000(RBM22P1)	processed_	chr18	27418884	27420435	-	0	0
ENSG0000(MIR4510)	miRNA	chr15	35926856	35926923	+	0	0
ENSG0000(RP11-344E)	processed_	chr17	20938023	20938344	-	0	0
ENSG0000(RP11-147L)	antisense	chr17	68246629	68247938	-	0	0
ENSG0000(CTD-2382H)	lincRNA	chr18	78925064	78927441	-	0	0
ENSG0000(MIR3942)	miRNA	chr15	35372256	35372364	-	0	0
ENSG0000(GJA5)	protein_co	chr1	1.48E+08	1.48E+08	-	0.05	0.11
ENSG0000(MIR4731)	miRNA	chr17	15251627	15251696	-	0	0
ENSG0000(MIR3153)	miRNA	chr9	89312225	89312306	+	0	0
ENSG0000(RP11-7005)	sense_intr	chr16	69240549	69241929	+	0	0
ENSG0000(RP11-285M)	lincRNA	chr17	22692834	22693613	+	0	0
ENSG0000(RP11-3112)	antisense	chr17	33627027	33635057	+	0	0
ENSG0000(CTD-2370N)	protein_co	chr17	31305213	31318831	-	3.39	2.84
ENSG0000(RP11-285E)	lincRNA	chr17	77264180	77264776	-	0	0
ENSG0000(RN7SL200F)	misc_RNA	chr6	34685355	34685642	-	0	0
ENSG0000(RP11-3112)	antisense	chr17	33565764	33624122	+	0	0
ENSG0000(CTB-187M)	antisense	chr17	19411786	19413118	-	0	0
ENSG0000(RP11-15F1)	antisense	chr18	49116301	49126479	+	0	0
ENSG0000(MIR3190)	miRNA	chr19	47226942	47227021	+	0	0
ENSG0000(MIR5687)	miRNA	chr5	55508850	55508926	-	0	0
ENSG0000(RP13-638C)	processed_	chr17	82576616	82577391	-	0	0
ENSG0000(MIR3192)	miRNA	chr20	18470615	18470691	+	0	0
ENSG0000(RP11-227G)	lincRNA	chr17	32328441	32329395	+	0	0
ENSG0000(MIR4301)	miRNA	chr11	1.13E+08	1.13E+08	-	0	0
ENSG0000(RN7SL451F)	misc_RNA	chr1	8979576	8979874	-	0	0
ENSG0000(MIR133A1)	antisense	chr18	21825487	21831410	-	0	0
ENSG0000(MIR548AM)	miRNA	chrX	16627012	16627085	-	0	0
ENSG0000(SNORD53)	snoRNA	chr2	28927067	28927144	+	0	0
ENSG0000(TSPOAP1-)	antisense	chr17	58325450	58415766	+	0.22	0.29
ENSG0000(MIR151B)	miRNA	chr14	1E+08	1E+08	-	0	0
ENSG0000(LRRC37A7F)	transcribec	chr18	31724198	31726956	+	0.06	0.09
ENSG0000(MIR5003)	miRNA	chr5	1.73E+08	1.73E+08	+	0	0
ENSG0000(CDRT8)	lincRNA	chr17	15105237	15106187	-	0	0
ENSG0000(MIR2681)	miRNA	chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(MIR4307)	miRNA	chr14	26908642	26908725	+	0	0
ENSG0000(RP11-192H)	antisense	chr17	28573117	28574243	+	0	0
ENSG0000(RN7SL667F)	misc_RNA	chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(MIR4262)	miRNA	chr2	11836933	11836986	-	0	0
ENSG0000(CTD-2124B)	sense_intr	chr18	6557822	6558654	+	0	0
ENSG0000(MIR3202-1)	miRNA	chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(MIR4728)	miRNA	chr17	39726495	39726561	+	0	0

ENSG0000(RP11-672L)	processed_chr18	902766	906667	-	0	0
ENSG0000(MIR4790)	miRNA chr3	5250177	5250255	-	0	0
ENSG0000(MIR4674)	miRNA chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(SRP72P1)	processed_chr18	49495147	49496896	-	0	0
ENSG0000(SNORD3B)	snoRNA chr17	19061912	19062669	+	0	0
ENSG0000(RP11-835E)	processed_chr18	5240255	5241167	-	0	0
ENSG0000(ANXA8)	protein_co chr10	47460162	47484158	-	0.68	1.49
ENSG0000(MIR3923)	miRNA chr3	79507887	79507969	+	0	0
ENSG0000(RP11-70L8)	antisense chr9	21858910	21861926	-	0	0
ENSG0000(MIR4312)	miRNA chr15	68801850	68801925	-	0	0
ENSG0000(MIR4677)	miRNA chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(RBP3)	protein_co chr10	47348371	47357875	+	0	0
ENSG0000(RP11-403A)	antisense chr18	24076794	24099320	-	0	0
ENSG0000(AC010761)	antisense chr17	28670054	28672804	-	0	0
ENSG0000(RP5-11711)	antisense chr17	58330884	58332508	-	0	0
ENSG0000(MIR4486)	miRNA chr11	19575310	19575372	+	0	0
ENSG0000(MIR3684)	miRNA chr4	98997387	98997460	+	0	0
ENSG0000(MIR4283-2)	miRNA chr7	63621090	63621169	+	0	0
ENSG0000(MIR4269)	miRNA chr2	2.39E+08	2.39E+08	+	0	0
ENSG0000(RP11-775G)	lincRNA chr18	65606090	65652053	+	0	0
ENSG0000(RP11-927P)	antisense chr17	64892729	64910180	+	0	0.23
ENSG0000(RP11-466A)	sense_intron chr17	32509954	32523424	-	0	0.07
ENSG0000(MIR548A)	miRNA chr6	99124609	99124696	+	0	0
ENSG0000(MIR4699)	miRNA chr12	81158388	81158461	+	0	0
ENSG0000(AC144838)	processed_chr17	22056587	22056755	-	0	0
ENSG0000(SNORD84)	snoRNA chr6	31541101	31541178	-	0	0
ENSG0000(MIR3142)	miRNA chr5	1.6E+08	1.6E+08	+	0	0
ENSG0000(RP11-638L)	processed_chr18	67830671	67831967	-	0	0
ENSG0000(RBM8A)	protein_co chr1	1.46E+08	1.46E+08	-	42.67	40.41
ENSG0000(IGLJCOR18)	IG_C_pseudochr18	3394889	3395312	+	0	0
ENSG0000(RP11-663N)	lincRNA chr17	27237859	27241661	-	0	0
ENSG0000(MIR4472-1)	miRNA chr8	1.42E+08	1.42E+08	+	0	0
ENSG0000(MIR4288)	miRNA chr8	28505116	28505182	-	0	0
ENSG0000(MIR3132)	miRNA chr2	2.2E+08	2.2E+08	-	0	0
ENSG0000(MIR4446)	miRNA chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(CTD-2350C)	antisense chr17	28405240	28406796	+	0.15	0
ENSG0000(RP11-21J1)	processed_chr18	9102736	9254346	+	0	0
ENSG0000(MIR4686)	miRNA chr11	2173063	2173138	+	0	0
ENSG0000(RN7SL74P)	misc_RNA chrX	97341046	97341344	+	0	0
ENSG0000(RP11-162A)	processed_chr18	76884935	76888724	-	0	0
ENSG0000(TRMT112P)	transcribed chr17	62950831	62951188	-	0	0
ENSG0000(RP11-135L)	antisense chr17	19334308	19336127	-	0.68	0.38
ENSG0000(RP11-822E)	lincRNA chr17	21519514	21521269	+	0	0
ENSG0000(RN7SL693F)	misc_RNA chr19	58490797	58491075	+	0	0.46
ENSG0000(PGDP1)	processed_chr18	31962178	31963618	+	0	0

ENSG00000100000	CLUHP6	processed	chr18	32196026	32196966	-	0	0
ENSG00000100000	MIR3935	miRNA	chr16	56245520	56245623	+	0	0
ENSG00000100000	RP11-269G	lincRNA	chr17	63430468	63432211	-	0.13	0.72
ENSG00000100000	MIR4770	miRNA	chrX	6383906	6383963	-	0	0
ENSG00000100000	RP11-192H	antisense	chr17	28607963	28609730	+	0	0
ENSG00000100000	AC104984	antisense	chr17	30059339	30065677	-	0	0
ENSG00000100000	MIR4710	miRNA	chr14	1.05E+08	1.05E+08	-	0	0
ENSG00000100000	ARGFXP2	processed	chr17	32150433	32151504	-	0	0
ENSG00000100000	FEM1AP2	processed	chr18	14391913	14393909	-	0	0
ENSG00000100000	RP13-104F	unprocessε	chr17	64750420	64751311	+	0	0
ENSG00000100000	MIR548AD	miRNA	chr2	35471405	35471486	+	0	0
ENSG00000100000	CTD-2510F	protein_co	chr17	59197566	59215226	+	0	0
ENSG00000100000	MIR3650	miRNA	chr5	38557502	38557561	-	0	0
ENSG00000100000	MIR3195	miRNA	chr20	62064802	62064885	+	0	0
ENSG00000100000	LINC01476	lincRNA	chr17	59430869	59526946	-	0	0
ENSG00000100000	RN7SL199F	misc_RNA	chr17	46537534	46537814	+	0	0
ENSG00000100000	RP11-286N	antisense	chr18	5463627	5480975	+	0	0
ENSG00000100000	RN7SL847F	misc_RNA	chr10	33034655	33034924	-	0	0
ENSG00000100000	MIR4263	miRNA	chr2	27996367	27996449	+	0	0
ENSG00000100000	MIR3118-2	miRNA	chr15	20832795	20832869	+	0	0
ENSG00000100000	RN7SL411F	misc_RNA	chr3	40209005	40209304	+	0	0
ENSG00000100000	MIR548AB	miRNA	chr3	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	MIR4524B	miRNA	chr17	69099542	69099656	+	0	0
ENSG00000100000	MIR3137	miRNA	chr3	1.95E+08	1.95E+08	-	0	0
ENSG00000100000	CTD-2349P	antisense	chr17	30834325	30863028	-	0	0
ENSG00000100000	RP11-466A	sense_intrε	chr17	32529008	32530049	-	0	0
ENSG00000100000	OR4K7P	unprocessε	chr18	14570844	14571788	+	0	0
ENSG00000100000	RP11-16C1	antisense	chr17	75394123	75394963	+	0	0
ENSG00000100000	MIR5188	miRNA	chr12	1.25E+08	1.25E+08	+	0	0
ENSG00000100000	MIR4291	miRNA	chr9	93819357	93819421	+	0	0
ENSG00000100000	RP11-55L4	antisense	chr17	9638768	9645325	-	0	0
ENSG00000100000	LINC01899	lincRNA	chr18	71732615	71788128	-	0	0
ENSG00000100000	TIMM23	protein_co	chr10	45972449	46003734	+	26.2	25.88
ENSG00000100000	MIR3136	miRNA	chr3	69048958	69049035	-	0	0
ENSG00000100000	RP11-17M	processed	chr17	33935437	34156000	-	0	0
ENSG00000100000	MIR4493	miRNA	chr11	1.23E+08	1.23E+08	-	0	0
ENSG00000100000	RP5-1110E	antisense	chr17	40850800	40863282	+	0	0
ENSG00000100000	GLUD1P2	transcribec	chr10	46759019	46786770	-	0.79	0
ENSG00000100000	MIR4476	miRNA	chr9	36893462	36893531	-	0	0
ENSG00000100000	PCAT18	lincRNA	chr18	26687621	26703638	-	0	0.05
ENSG00000100000	MIR4682	miRNA	chr10	1.2E+08	1.2E+08	+	0	0
ENSG00000100000	MIR4675	miRNA	chr10	20551970	20552046	+	0	0
ENSG00000100000	MIR3180-2	miRNA	chr16	16309879	16309966	+	0	0
ENSG00000100000	LINC01908	lincRNA	chr18	27225742	27247188	+	0	0
ENSG00000100000	MIR4679-2	miRNA	chr10	89063335	89063411	-	0	0

ENSG00000100000	MIR466	miRNA	chr3	31161704	31161787	-	0	0
ENSG00000100000	RP11-1231I2	lincRNA	chr18	78505165	78506410	+	0	0
ENSG00000100000	RP11-126K	lincRNA	chr18	73711329	73715490	-	0	0
ENSG00000100000	RN7SL219F	misc_RNA	chr16	2013181	2013476	+	0	0
ENSG00000100000	RN7SL391F	misc_RNA	chr12	6344554	6344837	+	1.23	1.2
ENSG00000100000	MIR4999	miRNA	chr19	8389290	8389380	-	0	0
ENSG00000100000	MIR4252	miRNA	chr1	6429834	6429896	-	0	0
ENSG00000100000	CTD-2517M	antisense	chr8	1.45E+08	1.45E+08	+	0	0
ENSG00000100000	RP11-1148	antisense	chr17	30090366	30117497	-	0	0
ENSG00000100000	MIR3944	miRNA	chr10	1.33E+08	1.33E+08	-	0	0
ENSG00000100000	MIR3128	miRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG00000100000	RP13-270P	antisense	chr18	3190397	3247277	+	0	0
ENSG00000100000	RP11-471L	lincRNA	chr17	12201600	12215267	+	0	0
ENSG00000100000	RP11-1381I1	antisense	chr17	16382152	16382669	-	0.85	0.93
ENSG00000100000	RSL24D1P9	processed_	chr18	51612639	51613110	-	0	0
ENSG00000100000	MIR4324	miRNA	chr19	49308797	49308868	-	0	0
ENSG00000100000	RP11-361L	processed_	chr16	66942712	66963256	+	0	0
ENSG00000100000	RN7SL656F	misc_RNA	chr17	46319679	46319959	+	0	0
ENSG00000100000	RP11-789C	sense_intr	chr18	8402847	8405161	+	0.02	0.08
ENSG00000100000	CTD-2510F	antisense	chr17	59202677	59203829	-	0	0
ENSG00000100000	RP11-288C	processed_	chr18	1362445	1363873	-	0	0
ENSG00000100000	MIR4261	miRNA	chr2	10192614	10192671	-	0	0
ENSG00000100000	MIR4779	miRNA	chr2	86193026	86193108	-	0	0
ENSG00000100000	MIR4459	miRNA	chr5	54075518	54075583	-	0	0
ENSG00000100000	MIR4684	miRNA	chr1	22719517	22719598	+	0	0
ENSG00000100000	MIR4652	miRNA	chr7	93716928	93717005	+	0	0
ENSG00000100000	RP11-128D	lincRNA	chr18	68427030	68436918	+	0	0
ENSG00000100000	RP1-56K13	processed_	chr17	38996323	38996624	-	0	0
ENSG00000100000	MIR4782	miRNA	chr2	1.14E+08	1.14E+08	-	0	0
ENSG00000100000	MIR4308	miRNA	chr14	54878113	54878193	-	0	0
ENSG00000100000	MIR4447	miRNA	chr3	1.17E+08	1.17E+08	-	0	0
ENSG00000100000	MIR3121	miRNA	chr1	1.8E+08	1.8E+08	-	0	0
ENSG00000100000	RP11-757C	processed_	chr18	14361434	14361943	-	0	0
ENSG00000100000	RN7SL811F	misc_RNA	chr6	44209766	44210063	+	2.15	2.46
ENSG00000100000	MIR3941	miRNA	chr10	1.22E+08	1.22E+08	+	0	0
ENSG00000100000	CTD-2349P	lincRNA	chr17	30726305	30727564	-	0.34	0
ENSG00000100000	MIR4733	miRNA	chr17	31094350	31094425	-	0	0
ENSG00000100000	RP11-849N	antisense	chr17	15261015	15265707	+	0	0
ENSG00000100000	MIR4502	miRNA	chr13	1.14E+08	1.14E+08	+	0	0
ENSG00000100000	RP11-204L	antisense	chr2	1.22E+08	1.22E+08	+	0.2	0.22
ENSG00000100000	MIR3682	miRNA	chr2	53849122	53849205	-	0	0
ENSG00000100000	RP11-173M	processed_	chr17	27281094	27281415	+	0	0
ENSG00000100000	MIR3672	miRNA	chrX	1.21E+08	1.21E+08	+	0	0
ENSG00000100000	RP13-20L1	antisense	chr17	82454273	82458521	-	1.61	0.57
ENSG00000100000	RP11-690G	transcribec	chr17	39238466	39250818	+	0	0

ENSG00000103620	MIR3680-1	miRNA	chr16	21506049	21506135	-	0	0
ENSG00000103621	MIR4768	miRNA	chrX	17425881	17425954	+	0	0
ENSG00000103622	POLR3KP2	processed	chr17	73163035	73163359	-	0	0
ENSG00000103623	MIR548AQ	miRNA	chr3	1.86E+08	1.86E+08	-	0	0
ENSG00000103624	RP11-2803	processed	chr18	67707929	67708246	-	0	0
ENSG00000103625	AC010761	antisense	chr17	28745569	28747652	-	0	0
ENSG00000103626	RP11-720L	sense_intronic	chr18	423744	424416	-	0	0
ENSG00000103627	CTD-2145A	lincRNA	chr17	18809956	18810940	+	0.68	0.61
ENSG00000103628	DTX2P1-UF	processed	chr7	76959835	77043775	+	3.66	3.77
ENSG00000103629	KRT18P55	transcribed	chr17	28275986	28317783	-	0	0.11
ENSG00000103630	MIR4443	miRNA	chr3	48196564	48196616	+	0	0
ENSG00000103631	RP11-47G4	lincRNA	chr18	71216704	71237102	-	0	0
ENSG00000103632	LINC01915	lincRNA	chr18	24628182	24662198	+	0.12	0.03
ENSG00000103633	RN7SL518F	misc_RNA	chr10	76242022	76242301	-	0	0
ENSG00000103634	RP11-793A	antisense	chr18	5956101	5960785	+	0	0
ENSG00000103635	RP11-1090	antisense	chr17	12760140	12790242	-	0.02	0.13
ENSG00000103636	RP11-806L	antisense	chr18	706523	707648	+	0	0
ENSG00000103637	RNF115	protein_coding	chr1	1.46E+08	1.46E+08	-	4.43	5.38
ENSG00000103638	RP11-131K	lincRNA	chr17	13909231	13911212	+	0.29	0.35
ENSG00000103639	MIR1539	antisense	chr18	49487339	49491878	+	0	0
ENSG00000103640	MIR3156-2	miRNA	chr18	14830166	14830242	+	0	0
ENSG00000103641	MIR1269B	miRNA	chr17	12917268	12917342	-	0	0
ENSG00000103642	MIR4435-1	miRNA	chr2	87629755	87629834	+	0	0
ENSG00000103643	MIR4436A	miRNA	chr2	88812370	88812454	+	0	0
ENSG00000103644	RP11-524F	antisense	chr17	17507351	17508308	+	0	0
ENSG00000103645	LINC01892	lincRNA	chr18	5081182	5095815	+	0	0
ENSG00000103646	CTD-3157E	lincRNA	chr17	15787787	15788205	-	0	0
ENSG00000103647	MIR548V	miRNA	chr8	17681578	17681657	-	0	0
ENSG00000103648	MIR5697	miRNA	chr1	9967381	9967458	+	0	0
ENSG00000103649	MIR4304	miRNA	chr12	1.23E+08	1.23E+08	-	0	0
ENSG00000103650	MIR5690	miRNA	chr6	35664717	35664789	-	0	0
ENSG00000103651	FCGR1CP	unprocessed	chr1	1.44E+08	1.44E+08	+	0	0
ENSG00000103652	RP11-638L	lincRNA	chr18	67516546	67899619	+	0.05	0
ENSG00000103653	RN7SL475F	misc_RNA	chr1	59974757	59975054	-	0	0
ENSG00000103654	MIR3180-1	miRNA	chr16	14911220	14911313	+	0	0
ENSG00000103655	MIR4421	miRNA	chr1	51059837	51059905	+	0	0
ENSG00000103656	MIR3164	miRNA	chr11	69083176	69083258	+	0	0
ENSG00000103657	H3F3BP2	unprocessed	chr17	28416922	28417492	+	0	0
ENSG00000103658	RP11-60A2	lincRNA	chr17	57771946	57834749	-	0	0
ENSG00000103659	AA06	sense_intronic	chr17	33529787	33533760	-	0	0
ENSG00000103660	RP11-183C	processed	chr18	4459230	4459458	+	0	0
ENSG00000103661	RP11-293E	lincRNA	chr17	45731703	45732977	-	0	0
ENSG00000103662	RP11-958F	lincRNA	chr18	25055600	25056760	+	0	0
ENSG00000103663	RP11-419J	lincRNA	chr18	10125340	10144406	+	0	0
ENSG00000103664	LINC01903	lincRNA	chr18	67808505	67814822	-	0	0

ENSG0000(LINC01984	lincRNA	chr17	20433206	20434285	+	0	0
ENSG0000(MIR3918	miRNA	chr6	1.59E+08	1.59E+08	-	0	0
ENSG0000(RN7SL652F	misc_RNA	chr11	47557534	47557833	-	0.36	0
ENSG0000(MIR1268B	miRNA	chr17	80098828	80098877	+	0	0
ENSG0000(PIGPP4	processed_	chr18	9880580	9880886	-	0	0
ENSG0000(MIR3143	miRNA	chr6	27147626	27147688	+	0	0
ENSG0000(RN7SL605F	misc_RNA	chr11	57528085	57528365	-	3.68	8.02
ENSG0000(RP11-1109	processed_	chr17	22301333	22301657	-	0	0
ENSG0000(WDR45BP1	processed_	chr17	32111562	32112590	-	0.06	0
ENSG0000(RP11-713C	sense_intr	chr18	72743756	72745961	-	0	0
ENSG0000(MIR3978	miRNA	chrX	1.1E+08	1.1E+08	+	0	0
ENSG0000(MIR5708	miRNA	chr8	80241389	80241473	+	0	0
ENSG0000(AP000275.	protein_co	chr21	32578822	32612281	-	1.03	0
ENSG0000(NPM1P45	processed_	chr17	9852748	9853306	-	0	0
ENSG0000(MIR4756	miRNA	chr20	54068408	54068485	-	0	0
ENSG0000(MIR3659	miRNA	chr1	38089231	38089329	+	0	0
ENSG0000(MIR5707	miRNA	chr7	1.59E+08	1.59E+08	+	0	0
ENSG0000(MIR4471	miRNA	chr8	1E+08	1E+08	+	0	0
ENSG0000(MIR4695	miRNA	chr1	18883202	18883275	-	0	0
ENSG0000(MIR4539	miRNA	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-521P	processed_	chr17	34331862	34332228	-	0	0
ENSG0000(MIR548AG	miRNA	chr20	60564562	60564625	+	0	0
ENSG0000(CTB-96E2.7	antisense	chr17	28361601	28362859	-	0	0
ENSG0000(MIR3139	miRNA	chr4	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-68I3.	sense_intr	chr17	29644796	29645847	-	0.06	0.06
ENSG0000(AC139085.	processed_	chr18	76759685	76759866	-	0	0
ENSG0000(GLUD1P8	unprocess	chr10	47563604	47569697	+	0	0
ENSG0000(BNIP3P3	processed_	chr18	15247429	15247997	-	0	0
ENSG0000(MIR3612	miRNA	chr12	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-529J.	processed_	chr18	71028770	71033056	+	0	0
ENSG0000(MIR3929	miRNA	chr18	35934088	35934142	-	0	0
ENSG0000(RP11-465I4	antisense	chr18	69483627	69618694	-	0	0
ENSG0000(RP11-451L	lincRNA	chr18	78480549	78484867	+	0	0
ENSG0000(TUFMP1	processed_	chr17	27082690	27084036	-	0	0
ENSG0000(RN7SL279F	misc_RNA	chr16	70276069	70276352	+	0	0
ENSG0000(MIR548AK	miRNA	chr10	12130760	12130816	-	0	0
ENSG0000(RP11-13N1	antisense	chr18	21673628	21682561	+	0	0
ENSG0000(MIR3151	miRNA	chr8	1.03E+08	1.03E+08	+	0	0
ENSG0000(MIR3690	miRNA	chrX	1293918	1293992	+	0	0
ENSG0000(MIR3690	miRNA	chrY	1293918	1293992	+	0	0
ENSG0000(MIR4664	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-74H8	antisense	chr17	67032409	67033290	-	0	0
ENSG0000(RARA-AS1	antisense	chr17	40340867	40343136	-	1.7	1.45
ENSG0000(MIR548AJ1	miRNA	chr6	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-25I11	lincRNA	chr18	30954820	30980917	-	0	0

ENSG00000100000	RP11-672L	antisense	chr18	894435	907680	-	0	0
ENSG00000100000	MIR4508	miRNA	chr15	23562062	23562131	-	0	0
ENSG00000100000	RN7SL708F	misc_RNA	chr19	49081332	49081630	+	0	0
ENSG00000100000	RP11-1376	antisense	chr17	82153430	82154815	+	0	0
ENSG00000100000	RPL17	protein_co	chr18	49488453	49492523	-	1018.42	1011.96
ENSG00000100000	MIR4267	miRNA	chr2	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	RP11-173N	processed	chr17	27351858	27352584	-	0.18	0.2
ENSG00000100000	RN7SL378F	misc_RNA	chr5	82078427	82078724	+	0	0
ENSG00000100000	MAFG-AS1	antisense	chr17	81927829	81930753	+	1.3	1.03
ENSG00000100000	RP11-118G	lincRNA	chr17	33688803	33689174	+	0	0
ENSG00000100000	RP11-5A19	protein_co	chr16	67163385	67165815	+	1.69	1.33
ENSG00000100000	MIR4460	miRNA	chr5	1.29E+08	1.29E+08	-	0	0
ENSG00000100000	LINC01970	lincRNA	chr17	82290046	82292814	-	0.14	0.21
ENSG00000100000	RP11-815I	transcribed	chr17	18704640	18704769	+	9.92	0
ENSG00000100000	MIR4774	miRNA	chr2	1.69E+08	1.69E+08	+	0	0
ENSG00000100000	RP11-31I2	antisense	chr17	33534110	33541339	+	0	0
ENSG00000100000	LARP7P3	processed	chr18	70412055	70412391	+	0	0
ENSG00000100000	MIR548AE	miRNA	chr5	58530043	58530109	-	0	0
ENSG00000100000	RP11-156L	antisense	chr17	62699244	62737922	+	0	0
ENSG00000100000	SNORD53	snoRNA	chr2	28927983	28928060	+	0	0
ENSG00000100000	RP11-440L	processed	chr18	51687525	51688209	-	0	0
ENSG00000100000	RP11-82O1	transcribed	chr17	29775747	29776701	-	0	0
ENSG00000100000	RP11-94B1	lincRNA	chr18	76254292	76255214	-	0	0
ENSG00000100000	MIR4681	miRNA	chr10	1.19E+08	1.19E+08	+	0	0
ENSG00000100000	MIR4284	miRNA	chr7	73711317	73711397	+	0	0
ENSG00000100000	MIR3144	miRNA	chr6	1.2E+08	1.2E+08	+	0	0
ENSG00000100000	RN7SL648F	misc_RNA	chrX	74242608	74242908	-	0	0
ENSG00000100000	RP11-883A	lincRNA	chr18	10594590	10604798	+	0.15	0.24
ENSG00000100000	SNORA74	snoRNA	chr10	45984610	45984810	+	0	0
ENSG00000100000	MIR4438	miRNA	chr2	2.14E+08	2.14E+08	+	0	0
ENSG00000100000	RN7SL5P	misc_RNA	chr9	9442060	9442380	+	0	0
ENSG00000100000	RP11-1157	antisense	chr18	14816151	14825249	-	0	0
ENSG00000100000	RP11-354P	antisense	chr17	30122429	30126118	-	0	0
ENSG00000100000	RN7SL339F	misc_RNA	chr5	1.71E+08	1.71E+08	+	0	0
ENSG00000100000	RP11-848P	lincRNA	chr17	30964935	30965500	-	0	0
ENSG00000100000	MIR4427	miRNA	chr1	2.34E+08	2.34E+08	+	0	0
ENSG00000100000	RN7SL375F	misc_RNA	chr13	60034465	60034762	-	0	0
ENSG00000100000	KYNUP2	processed	chr17	19082437	19084834	+	0	0
ENSG00000100000	RP11-849F	antisense	chr17	8365563	8381328	+	0	0
ENSG00000100000	RP11-799B	lincRNA	chr18	24159509	24162211	-	0.19	0
ENSG00000100000	RP11-296E	antisense	chr18	21380286	21451017	-	0	0
ENSG00000100000	RP11-403A	lincRNA	chr18	23957754	23982556	-	0	0.13
ENSG00000100000	RN7SL444F	misc_RNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG00000100000	LINC01900	lincRNA	chr18	21981121	22051159	+	0	0
ENSG00000100000	ZNF488	protein_co	chr10	47365496	47384273	-	0.16	0.16

ENSG0000(CXADRP3	transcribed	chr18	14477955	14499278	-	0	0
ENSG0000(MIR4506	miRNA	chr14	93948226	93948302	-	0	0
ENSG0000(CTC-304I17	sense_intr	chr17	34118347	34118882	-	0	0
ENSG0000(MIR3670-3	miRNA	chr16	18405698	18405762	-	0	0
ENSG0000(RN7SL624F	misc_RNA	chr17	2199762	2200039	+	0	0
ENSG0000(RP11-17M:	antisense	chr18	76491652	76493918	+	0.1	0.22
ENSG0000(RP11-384E	lincRNA	chr18	71000477	71011490	-	0	0
ENSG0000(RP1-56K13	antisense	chr17	38918801	38921769	-	0	0.19
ENSG0000(LINC01906	lincRNA	chr18	14877611	14884052	+	0	0
ENSG0000(CYP4F35P	transcribed	chr18	14337423	14342524	+	0	0
ENSG0000(RP11-19P2	lincRNA	chr17	27661549	27663658	-	0	0
ENSG0000(MIR4330	miRNA	chrX	1.51E+08	1.51E+08	+	0	0
ENSG0000(RNASEH1P	processed_	chr17	20901939	20902680	-	0	0
ENSG0000(CTD-2349P	sense_intr	chr17	30781493	30782221	-	0	0
ENSG0000(MIR3118-4	miRNA	chr15	21843750	21843824	+	0	0
ENSG0000(RP11-227G	processed_	chr17	32324431	32360700	+	0	0
ENSG0000(RP11-271K	transcribed	chr17	31038575	31059121	-	0	0
ENSG0000(RP11-387H	lincRNA	chr17	40012226	40014705	-	0.33	0.27
ENSG0000(RP11-649A	sense_intr	chr17	75138416	75141350	-	0	0
ENSG0000(RP11-720N	sense_intr	chr17	27465112	27465541	+	0	0
ENSG0000(RN7SL49P	misc_RNA	chr13	45002150	45002447	+	0	0.4
ENSG0000(MIR4292	miRNA	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(SEC22B	protein_co	chr1	1.2E+08	1.2E+08	-	20.88	20.26
ENSG0000(MIR3907	miRNA	chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(RN7SL300F	misc_RNA	chr3	1.53E+08	1.53E+08	-	0	0
ENSG0000(RN7SL376F	misc_RNA	chr15	40615665	40615928	-	0	0
ENSG0000(MIR1273G	miRNA	chr1	52940314	52940413	+	0	0
ENSG0000(FSBP	protein_co	chr8	94372170	94436952	-	3.2	2.13
ENSG0000(EEF1E1-BL	protein_co	chr6	8015726	8102530	-	0	0
ENSG0000(MIR3177	miRNA	chr16	1734985	1735066	+	0	0
ENSG0000(MIR4422	miRNA	chr1	55225641	55225723	+	0	0
ENSG0000(MIR3939	miRNA	chr6	1.67E+08	1.67E+08	-	0	0
ENSG0000(MIR548AG	miRNA	chr4	60922619	60922684	+	0	0
ENSG0000(MIR3123	miRNA	chr1	2.41E+08	2.41E+08	+	0	0
ENSG0000(RP1-66C13	processed_	chr17	27707178	27707250	+	0	0
ENSG0000(CCND3P2	processed_	chr18	76751305	76751841	+	0	0
ENSG0000(AC010761.	antisense	chr17	28749731	28750079	-	0	0
ENSG0000(MIR548X	miRNA	chr21	18686090	18686164	-	0	0
ENSG0000(LINC01029	lincRNA	chr18	77971294	77993722	-	0	0
ENSG0000(RP11-751H	lincRNA	chr18	77180106	77235430	+	0	0
ENSG0000(RP11-20B2	antisense	chr17	28926275	28944749	+	0	0
ENSG0000(MIR4276	miRNA	chr4	1.74E+08	1.74E+08	+	0	0
ENSG0000(MIR4287	miRNA	chr8	27886039	27886116	-	0	0
ENSG0000(MIR3689D:	miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(MIR4797	miRNA	chr3	1.97E+08	1.97E+08	-	0	0

ENSG0000(RP1-48J14)	processed	chr17	16893198	16893429	-	0	0
ENSG0000(MIR4514)	miRNA	chr15	80997417	80997473	-	0	0
ENSG0000(MIR5704)	miRNA	chr3	1.32E+08	1.32E+08	-	0	0
ENSG0000(MIR4495)	miRNA	chr12	97939056	97939121	-	0	0
ENSG0000(RP11-805L)	processed	chr17	31759795	31761385	+	0	0
ENSG0000(MIR4516)	miRNA	chr16	2133119	2133204	+	0	0
ENSG0000(MIR3174)	miRNA	chr15	90006755	90006841	+	0	0
ENSG0000(MIR3689A)	miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(MIR4289)	miRNA	chr9	88745836	88745905	-	0	0
ENSG0000(MIR4489)	miRNA	chr11	65649192	65649253	+	0	0
ENSG0000(MIR3914-1)	miRNA	chr7	71307672	71307770	-	0	0
ENSG0000(MIR4748)	miRNA	chr19	10780254	10780335	+	0	0
ENSG0000(PDLIM1P2)	processed	chr17	21444833	21445439	-	0	0
ENSG0000(RN7SL73P)	misc_RNA	chr3	1.96E+08	1.96E+08	+	0.52	1.15
ENSG0000(RP11-169I)	processed	chr17	65185319	65185482	-	0	0
ENSG0000(RN7SL783F)	misc_RNA	chr13	1.1E+08	1.1E+08	-	0	0
ENSG0000(DSCAS)	antisense	chr18	31101588	31162789	+	0	0
ENSG0000(Y_RNA)	misc_RNA	chr17	36285312	36285413	+	0	0
ENSG0000(RN7SL311F)	misc_RNA	chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(RN7SL357F)	misc_RNA	chr4	56805834	56806131	+	0	0
ENSG0000(AC018696)	processed	chr2	90359809	90360032	-	0.7	0
ENSG0000(MIR4696)	miRNA	chr11	74720268	74720337	-	0	0
ENSG0000(RN7SL96P)	misc_RNA	chr2	38936876	38937158	-	1.47	0
ENSG0000(RP11-737C)	antisense	chr18	2948238	2960756	+	0.12	0
ENSG0000(RP11-20B2)	antisense	chr17	28944796	28945394	+	0	0
ENSG0000(RP11-583F)	lincRNA	chr17	64943262	64951054	+	0.02	0.01
ENSG0000(RP11-434D)	processed	chr17	20532248	20532881	-	0.11	0
ENSG0000(MIR3685)	miRNA	chr12	95309923	95309984	+	0	0
ENSG0000(RN7SL543F)	misc_RNA	chr16	67019519	67019817	+	0	0
ENSG0000(MIR4280)	miRNA	chr5	87114879	87114954	-	0	0
ENSG0000(MIR5692C)	miRNA	chr5	1.36E+08	1.36E+08	-	0	0
ENSG0000(CTD-2532D)	lincRNA	chr17	73831572	73836019	-	0	0
ENSG0000(MIR5195)	miRNA	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(MIR3146)	miRNA	chr7	19705358	19705436	-	0	0
ENSG0000(LINC00668)	lincRNA	chr18	6919496	6929966	-	0	0
ENSG0000(ARL2BPP1)	processed	chr18	76703444	76704254	-	0	0
ENSG0000(RP11-277J)	lincRNA	chr17	73662568	73663848	-	0	0
ENSG0000(RP11-563H)	processed	chr18	67375133	67375305	+	0	0
ENSG0000(UBE2CP2)	processed	chr18	22900486	22900995	-	0.44	0.32
ENSG0000(RN7SL577F)	misc_RNA	chr15	49042341	49042643	-	0	0
ENSG0000(RP11-739L)	antisense	chr18	22699481	22933764	-	0.12	0.14
ENSG0000(LINC01387)	lincRNA	chr18	6511416	6590653	+	0	0
ENSG0000(RP11-752P)	processed	chr18	71665148	71665525	+	0	0
ENSG0000(RP11-296E)	sense_intr	chr18	21316878	21317795	+	0.5	0
ENSG0000(MIR4749)	miRNA	chr19	49854591	49854651	+	0	0

ENSG00000108445	MIR4445	miRNA	chr3	1.1E+08	1.1E+08	+	0	0
ENSG00000108439	MIR4319	miRNA	chr18	44970082	44970166	-	0	0
ENSG00000108440	Y_RNA	misc_RNA	chr1	31503631	31503744	-	0	0
ENSG00000108442	GACAT2	antisense	chr18	8695856	8707621	-	0	0.34
ENSG00000108443	RP11-293E	lincRNA	chr17	45733353	45734669	-	0	0
ENSG00000108444	MIR4266	miRNA	chr2	1.09E+08	1.09E+08	-	0	0
ENSG00000108445	AC100830	antisense	chr15	64695041	64695594	+	0.13	0.57
ENSG00000108446	RP11-269G	lincRNA	chr17	63454993	63455817	+	0	0
ENSG00000108447	TXNIP	protein_coding	chr1	1.46E+08	1.46E+08	-	120.79	115.81
ENSG00000108448	RP11-163C	unprocessed_lincRNA	chr11	49843488	49846533	-	0	0
ENSG00000108449	CTB-4116.2	lincRNA	chr17	8967523	8976995	+	0	0
ENSG00000108450	MIR4725	miRNA	chr17	31575269	31575358	+	0	0
ENSG00000108451	CTD-2515C	lincRNA	chr18	29278509	29361963	-	0	0
ENSG00000108452	MIR544B	miRNA	chr3	1.25E+08	1.25E+08	+	0	0
ENSG00000108453	RP11-927P	unprocessed_lincRNA	chr17	64778842	64778937	-	0	0
ENSG00000108454	RP11-699A	lincRNA	chr18	21240675	21241371	-	0	0
ENSG00000108455	MIR4735	miRNA	chr1	1.97E+08	1.97E+08	-	0	0
ENSG00000108456	RP11-16C1	antisense	chr17	75344405	75373662	+	0	0
ENSG00000108457	MIR4519	miRNA	chr16	30875266	30875323	-	0	0
ENSG00000108458	ESRG	sense_intronic	chr3	54632122	54639857	-	0.33	0.3
ENSG00000108459	MIR5694	miRNA	chr14	67441855	67441930	-	0	0
ENSG00000108460	RP11-510D	lincRNA	chr18	28785068	28789260	+	0	0
ENSG00000108461	RP11-736G	lincRNA	chr18	71890409	71944577	-	0	0
ENSG00000108462	MIR3671	miRNA	chr1	65057755	65057842	-	0	0
ENSG00000108463	RP11-567L	antisense	chr17	59400488	59403303	-	0	0
ENSG00000108464	RP11-267C	processed_transcript	chr18	51433437	51434783	+	0	0
ENSG00000108465	MIR4488	miRNA	chr11	61508596	61508657	+	0	0
ENSG00000108466	RP11-746N	transcribed_unit	chr17	20981489	20981654	+	0	0
ENSG00000108467	GATA6-AS1	lincRNA	chr18	22166898	22168968	-	6.85	8.49
ENSG00000108468	MIR4764	miRNA	chr22	33436582	33436669	-	0	0
ENSG00000108469	LINC02079	lincRNA	chr17	39026715	39027110	-	0	0
ENSG00000108470	RP11-94B1	lincRNA	chr18	76247725	76251388	+	0	0
ENSG00000108471	MIR4309	miRNA	chr14	1.03E+08	1.03E+08	+	0	0
ENSG00000108472	MIR548Z	miRNA	chr12	64622509	64622605	-	0	0
ENSG00000108473	MIR4477B	miRNA	chr9	63819574	63819654	+	0	0
ENSG00000108474	MIR3609	miRNA	chr7	98881650	98881729	+	0	0
ENSG00000108475	SRGAP2	protein_coding	chr1	2.06E+08	2.06E+08	+	32.08	29.42
ENSG00000108476	RP11-452I	antisense	chr17	74747319	74748912	-	0	0.14
ENSG00000108477	MIR4659A	miRNA	chr8	6745164	6745244	+	0	0
ENSG00000108478	MIR4509-2	miRNA	chr15	28426491	28426584	+	0	0
ENSG00000108479	MIR4690	miRNA	chr11	65636310	65636369	+	0	0
ENSG00000108480	AC015818	processed_transcript	chr17	20526102	20526210	+	0	0
ENSG00000108481	MIR3649	miRNA	chr12	1660315	1660380	-	0	0
ENSG00000108482	CTD-2206N	processed_transcript	chr17	39033926	39034042	-	0	0
ENSG00000108483	RP11-703N	antisense	chr18	2688564	2833065	-	0	0

ENSG000001822E	transcribed	chr17	21566569	21574517	-	0	0
ENSG00000184500	miRNA	chr13	87618665	87618740	-	0	0
ENSG00000184500	antisense	chr18	9121265	9136645	-	1.82	2.29
ENSG00000184500	misc_RNA	chr2	20175346	20175639	+	0	0
ENSG00000184500	miRNA	chr2	1.12E+08	1.12E+08	-	0	0
ENSG00000184500	lincRNA	chr18	6493420	6495668	+	0	0
ENSG00000184500	processed	chr17	62136972	62140639	-	0.15	0.09
ENSG00000184500	miRNA	chr20	45705102	45705180	-	0	0
ENSG00000184500	miRNA	chr13	51348567	51348639	-	0	0
ENSG00000184500	protein_coding	chr17	81395475	81466332	+	6.02	6.41
ENSG00000184500	misc_RNA	chr1	3782815	3783111	+	0	0
ENSG00000184500	protein_coding	chr17	65538102	65641033	-	0	0
ENSG00000184500	miRNA	chr2	60387362	60387445	-	0	0
ENSG00000184500	snoRNA	chr17	19557211	19557911	+	0.38	0.1
ENSG00000184500	protein_coding	chr17	57989038	58005253	-	1.34	0.6
ENSG00000184500	lincRNA	chr17	40517026	40527002	+	0	0
ENSG00000184500	protein_coding	chr1	2.07E+08	2.07E+08	+	4.38	5.48
ENSG00000184500	miRNA	chr2	62205826	62205917	+	0	0
ENSG00000184500	miRNA	chr12	94561789	94561859	+	0	0
ENSG00000184500	antisense	chr17	57522248	57523597	-	0	0
ENSG00000184500	antisense	chr17	39173290	39177503	+	0	0
ENSG00000184500	lincRNA	chr18	10375103	10378114	+	0	0
ENSG00000184500	miRNA	chr20	63286808	63286866	+	0	0
ENSG00000184500	processed	chr18	31966960	31967545	+	0	0
ENSG00000184500	antisense	chr17	74307210	74309790	-	0	0
ENSG00000184500	miRNA	chr17	82668233	82668307	-	0	0
ENSG00000184500	miRNA	chr2	2.39E+08	2.39E+08	-	0	0
ENSG00000184500	miRNA	chr1	85133794	85133873	+	0	0
ENSG00000184500	lincRNA	chr17	29352069	29404105	+	0	0
ENSG00000184500	lincRNA	chr17	10792059	10794985	+	0	0
ENSG00000184500	processed	chr17	68095068	68095757	+	0	0
ENSG00000184500	antisense	chr17	30238741	30252237	+	0	0
ENSG00000184500	miRNA	chr16	535316	535368	+	0	0
ENSG00000184500	sense_intronic	chr17	19929372	19929737	-	0	0
ENSG00000184500	processed	chr18	9785108	9787805	+	0	0
ENSG00000184500	misc_RNA	chr6	1.64E+08	1.64E+08	+	0	0
ENSG00000184500	processed	chr17	16787235	16788141	-	0	0
ENSG00000184500	miRNA	chr21	26953961	26954043	+	0	0
ENSG00000184500	miRNA	chr2	1.11E+08	1.11E+08	-	0	0
ENSG00000184500	miRNA	chr20	60478111	60478181	+	0	0
ENSG00000184500	miRNA	chr1	1.62E+08	1.62E+08	+	0	0
ENSG00000184500	processed	chr18	14222008	14222331	+	0	0
ENSG00000184500	miRNA	chr18	13459947	13460026	+	0	0
ENSG00000184500	miRNA	chr18	39676721	39676779	+	0	0
ENSG00000184500	antisense	chr18	8360820	8367034	-	0	0

ENSG0000(MIR4711)	miRNA	chr1	59733227	59733296	-	0	0
ENSG0000(MIR3646)	miRNA	chr20	44408120	44408203	+	0	0
ENSG0000(RP11-1901)	lincRNA	chr18	5159332	5171026	+	0	0
ENSG0000(RP11-927P)	unprocessε	chr17	64936485	64940229	-	0	0
ENSG0000(RN7SL785F)	misc_RNA	chrX	47280811	47281063	-	0.52	0
ENSG0000(RN7SL612F)	misc_RNA	chr1	1.57E+08	1.57E+08	-	0	0
ENSG0000(YWHAEP2)	processed_	chr17	18418195	18418306	-	0	0
ENSG0000(RN7SL557F)	misc_RNA	chr16	25185253	25185538	-	0	0
ENSG0000(MIR3147)	miRNA	chr7	57405025	57405090	+	0	0
ENSG0000(RP11-769C)	antisense	chr18	735746	737459	+	0	0
ENSG0000(STRADA)	protein_co	chr17	63682336	63741986	-	12.91	15.29
ENSG0000(MIR4666A)	miRNA	chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(RP11-1113)	processed_	chr17	19600860	19601345	+	0	0
ENSG0000(MIR4282)	miRNA	chr6	72967687	72967753	-	0	0
ENSG0000(EIF4A3P1)	processed_	chr18	24522273	24522919	-	0	0
ENSG0000(RP11-552C)	processed_	chr18	26831520	26832432	-	0	0
ENSG0000(RN7SL804F)	misc_RNA	chr12	69400903	69401200	+	0	0
ENSG0000(RN7SL480F)	misc_RNA	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000(MIR5095)	miRNA	chr1	52934930	52935017	+	0	0
ENSG0000(MIR3186)	miRNA	chr17	81451104	81451188	-	0	0
ENSG0000(RP11-218F)	unprocessε	chr17	28021668	28022265	-	0	0
ENSG0000(MIR1260B)	miRNA	chr11	96341438	96341526	+	0	0
ENSG0000(MIR4661)	miRNA	chr8	91205485	91205559	+	0	0
ENSG0000(RN7SL163F)	misc_RNA	chr21	17506453	17506728	+	0	0
ENSG0000(RP11-675P)	lincRNA	chr18	30713275	30714286	+	0	0
ENSG0000(PNLIPRP2)	polymorph	chr10	1.17E+08	1.17E+08	+	0	0
ENSG0000(SS18L2P2)	processed_	chr18	51421063	51421674	-	0	0
ENSG0000(RP1-66C13)	protein_co	chr17	27798806	27893365	-	0	0
ENSG0000(MIR5585)	miRNA	chr1	32086949	32087007	+	0	0
ENSG0000(MIR5589)	miRNA	chr19	10038354	10038413	+	0	0
ENSG0000(MIR3926-1)	miRNA	chr8	12727232	12727304	-	0	0
ENSG0000(CTD-2267D)	antisense	chr17	40360655	40364693	+	3.58	4.37
ENSG0000(RN7SL371F)	misc_RNA	chr1	30918469	30918735	-	0	0
ENSG0000(MIR3156-3)	miRNA	chr21	13406384	13406460	-	0	0
ENSG0000(RP11-100K)	lincRNA	chr18	78137223	78140887	+	0	0
ENSG0000(MIR3167)	miRNA	chr11	1.27E+08	1.27E+08	-	0	0
ENSG0000(CTSLP2)	unprocessε	chr10	47581211	47582321	-	0	0
ENSG0000(RP11-433N)	sense_intrε	chr17	48377262	48380370	-	0	0
ENSG0000(MIR4323)	miRNA	chr19	42133445	42133513	-	0	0
ENSG0000(NPM1P2)	processed_	chr18	26204869	26205904	+	0	0
ENSG0000(MIR3611)	miRNA	chr10	35079598	35079680	-	0	0
ENSG0000(MIR3178)	miRNA	chr16	2531922	2532005	-	0	0
ENSG0000(MIR3176)	miRNA	chr16	543277	543366	+	0	0
ENSG0000(NARF-IT1)	sense_intrε	chr17	82482098	82483388	+	0.08	0.28
ENSG0000(RP11-25D3)	sense_intrε	chr18	26266009	26267409	+	0.08	0

ENSG00000100000	MIR5091	miRNA	chr4	13627865	13627957	+	0	0
ENSG00000100000	GRAMD4P1	processed	chr18	14485806	14487501	+	0	0
ENSG00000100000	MIR4279	miRNA	chr5	31936102	31936159	-	0	0
ENSG00000100000	MIR4644	miRNA	chr6	1.7E+08	1.7E+08	+	0	0
ENSG00000100000	CTC-525D6	antisense	chr19	29489775	29526948	-	0	0
ENSG00000100000	COX6CP3	processed	chr18	1176790	1177012	-	0	0
ENSG00000100000	MIR4475	miRNA	chr9	36823539	36823599	-	0	0
ENSG00000100000	LINC00683	lincRNA	chr18	76615212	76625940	+	0.12	0.06
ENSG00000100000	LINC01909	lincRNA	chr18	70335439	70352459	+	0.27	0.09
ENSG00000100000	RP11-64011	antisense	chr17	15651590	15654489	+	0	0
ENSG00000100000	MIR4428	miRNA	chr1	2.37E+08	2.37E+08	+	0	0
ENSG00000100000	KLF14	protein_co	chr7	1.31E+08	1.31E+08	-	0	0
ENSG00000100000	RP11-172F	lincRNA	chr18	4775054	5004537	-	0	0
ENSG00000100000	MIR5096	miRNA	chr4	78820752	78820821	+	0	0
ENSG00000100000	RP11-715C	lincRNA	chr18	78795612	78796672	-	0	0
ENSG00000100000	RN7SL138F	misc_RNA	chr17	30959564	30959850	+	0.78	0
ENSG00000100000	MIR4743	miRNA	chr18	48670600	48670668	+	0	0
ENSG00000100000	LINC01910	lincRNA	chr18	70380140	70384591	-	0	0.02
ENSG00000100000	RP11-849F	lincRNA	chr17	8337697	8338758	+	0	0
ENSG00000100000	UBL5P2	processed	chr17	32227890	32228108	-	0	0
ENSG00000100000	RP11-627G	antisense	chr18	22200619	22205229	-	0	0
ENSG00000100000	MIR3683	miRNA	chr7	7066964	7067045	-	0	0
ENSG00000100000	CTD-3096N	lincRNA	chr18	5381641	5385330	-	0	0
ENSG00000100000	RP11-1C8.1	lincRNA	chr8	1.03E+08	1.03E+08	-	0	0.18
ENSG00000100000	RP11-159D	lincRNA	chr17	58076891	58083204	-	0.02	0.01
ENSG00000100000	MIR3180-3	miRNA	chr16	18402178	18402271	-	0	0
ENSG00000100000	ARIH2P1	processed	chr18	28651732	28653208	+	0	0
ENSG00000100000	MIR744	miRNA	chr17	12081899	12081996	+	0	0
ENSG00000100000	MIR3118-1	miRNA	chr21	13644775	13644850	-	0	0
ENSG00000100000	RP11-219A	protein_co	chr17	16690261	16804453	+	0.09	0.1
ENSG00000100000	RP11-484N	lincRNA	chr18	70335929	70337310	-	0	0
ENSG00000100000	MIR4518	miRNA	chr16	30503919	30504001	+	0	0
ENSG00000100000	CTD-2008P	unprocess	chr17	28269203	28272365	-	0	0
ENSG00000100000	MIR5093	miRNA	chr16	85306226	85306325	-	0	0
ENSG00000100000	RN7SL510F	misc_RNA	chr15	75895040	75895302	+	0.3	0
ENSG00000100000	AC007952.1	lincRNA	chr17	19164209	19174436	-	0	0
ENSG00000100000	LINC01927	lincRNA	chr18	76623006	76639011	-	0	0
ENSG00000100000	RP11-173M	lincRNA	chr17	27333256	27348491	+	0	0
ENSG00000100000	MIR4668	miRNA	chr9	1.12E+08	1.12E+08	+	0	0
ENSG00000100000	RN7SL703F	misc_RNA	chr3	1.82E+08	1.82E+08	+	0	0
ENSG00000100000	MIR5692A	miRNA	chr7	97963658	97963726	+	0	0
ENSG00000100000	MIR3909	miRNA	chr22	35335640	35335758	+	0	0
ENSG00000100000	MIR4293	miRNA	chr10	14383200	14383277	-	0	0
ENSG00000100000	MIR4663	miRNA	chr8	1.23E+08	1.23E+08	-	0	0
ENSG00000100000	MIR3665	miRNA	chr13	77698012	77698116	-	0	0

ENSG00000103921	MIR4503	miRNA	chr14	36952309	36952391	-	0	0
ENSG00000103922	MIR4536-2	miRNA	chrX	55451495	55451582	+	0	0
ENSG00000103923	MIR4281	miRNA	chr5	1.77E+08	1.77E+08	-	0	0
ENSG00000103924	RP11-2503	lincRNA	chr18	52336361	52339025	-	0	0
ENSG00000103925	NBPF15	protein_coding	chr1	1.44E+08	1.44E+08	-	22	23.58
ENSG00000103926	RP11-848P	antisense	chr17	30978610	30980250	-	13.13	15.22
ENSG00000103927	RP5-890E1	antisense	chr17	48060383	48060669	-	0	0
ENSG00000103928	MIR4776-2	miRNA	chr2	2.13E+08	2.13E+08	+	0	0
ENSG00000103929	RP11-578C	unprocessed	chr17	27411438	27412806	-	0	0
ENSG00000103930	LINC02074	lincRNA	chr17	74043452	74154212	-	0	0
ENSG00000103931	RP11-218E	transcribed	chr17	20633034	20633259	-	0	0
ENSG00000103932	RP11-51L5	unprocessed	chr17	62231470	62247153	-	0	0
ENSG00000103933	RP11-1096	antisense	chr17	11953889	11977594	-	0.17	0.37
ENSG00000103934	RP11-344E	antisense	chr17	20855946	20857317	+	0	0
ENSG00000103935	MIR3657	miRNA	chr12	1.12E+08	1.12E+08	-	0	0
ENSG00000103936	RP11-142C	sense_intronic	chr17	31133182	31138518	+	0	0
ENSG00000103937	RP11-710N	processed	chr18	3580169	3580754	+	0	0
ENSG00000103938	RP11-214C	lincRNA	chr17	14327335	14329474	+	0	0
ENSG00000103939	RP11-640N	transcribed	chr17	32088160	32094933	-	0	0
ENSG00000103940	MIR5002	miRNA	chr3	1.24E+08	1.24E+08	+	0	0
ENSG00000103941	RP11-227G	lincRNA	chr17	32411217	32412420	+	0.13	0
ENSG00000103942	CTB-41I6.1	lincRNA	chr17	8965896	8967070	+	0	0
ENSG00000103943	MIR4740	miRNA	chr17	81400716	81400778	-	0	0
ENSG00000103944	MIR4273	miRNA	chr3	75738280	75738363	+	0	0
ENSG00000103945	RP11-737C	antisense	chr18	2967018	2985410	+	0	0
ENSG00000103946	RP11-874J	antisense	chr18	3653410	3656282	+	0	0
ENSG00000103947	SNHG25	lincRNA	chr17	64145970	64146476	+	18.59	5.52
ENSG00000103948	CBX3P2	transcribed	chr18	2652170	2655395	-	0.67	0.74
ENSG00000103949	MIR3157	miRNA	chr10	96064315	96064399	-	0	0
ENSG00000103950	RP11-180P	lincRNA	chr17	62966817	62968549	-	0	0.07
ENSG00000103951	NCOA4	protein_coding	chr10	46005088	46030714	-	71.86	69
ENSG00000103952	MIR4636	miRNA	chr5	9053816	9053895	-	0	0
ENSG00000103953	RP1-66C13	processed	chr17	27708111	27708138	+	0	0
ENSG00000103954	MIR4424	miRNA	chr1	1.79E+08	1.79E+08	+	0	0
ENSG00000103955	RN7SL118F	misc_RNA	chrX	1.19E+08	1.19E+08	+	0	0
ENSG00000103956	MIR4451	miRNA	chr4	85722468	85722533	+	0	0
ENSG00000103957	MIR3163	miRNA	chr11	66934434	66934506	-	0	0
ENSG00000103958	MIR4719	miRNA	chr16	76868936	76869019	+	0	0
ENSG00000103959	MIR5580	miRNA	chr14	53948427	53948484	-	0	0
ENSG00000103960	TBC1D3P5	transcribed	chr17	27417690	27431623	+	0.08	0.06
ENSG00000103961	MIR4264	miRNA	chr2	79649294	79649359	-	0	0
ENSG00000103962	MIR4746	miRNA	chr19	4445978	4446048	+	0	0
ENSG00000103963	RN7SL493F	misc_RNA	chr16	10221775	10222073	-	0	0
ENSG00000103964	RP11-91I8	antisense	chr18	6728821	6729862	-	0.15	0
ENSG00000103965	RP13-991F	antisense	chr17	82476597	82477924	-	0	0.09

ENSG0000014912	sense_intronic	chr9	21995482	21996013	+	0.19	0
ENSG000001805L	processed	chr17	31709568	31709859	+	0	0
ENSG0000013713	miRNA	chr15	76586647	76586691	+	0	0
ENSG0000012015H	lincRNA	chr18	1655177	1779955	+	0	0
ENSG0000013179-3	miRNA	chr16	18411894	18411977	-	0	0
ENSG000001806L	antisense	chr18	650229	652843	+	0	0
ENSG0000014259	miRNA	chr1	1.6E+08	1.6E+08	-	0	0
ENSG000001173L	lincRNA	chr18	75844925	75868252	-	0	0
ENSG0000012392	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000013196	miRNA	chr20	63238779	63238842	+	0	0
ENSG000001822E	antisense	chr17	21532974	21542786	+	0	0
ENSG00000175L220F	misc_RNA	chr10	68007718	68008017	-	0	0
ENSG000001131K1	antisense	chr17	39401793	39406233	+	1.54	0.64
ENSG000001856M	unprocessed	chr18	10632238	10632396	+	0	0
ENSG000001MRPS21	protein_coding	chr1	1.5E+08	1.5E+08	+	29.67	27.34
ENSG0000018401F	antisense	chr17	67244837	67245806	+	0.19	0.32
ENSG00000175L616F	misc_RNA	chr5	69478997	69479265	-	0	0
ENSG0000015197	miRNA	chr5	1.44E+08	1.44E+08	+	0	0
ENSG0000012515C	processed	chr18	29256817	29257060	-	0	0
ENSG000001FAM106CP	processed	chr17	16788901	16789407	+	0	0.42
ENSG0000018178F	lincRNA	chr18	24516883	24518006	-	0	0
ENSG0000012349P	lincRNA	chr17	30792372	30792833	+	0.34	0.56
ENSG0000014641	miRNA	chr6	41598723	41598788	+	0	0
ENSG0000018171J	antisense	chr18	23257164	23260354	-	0	0.73
ENSG0000018995C	unprocessed	chr17	46503946	46509339	+	0	0
ENSG000001845M	lincRNA	chr17	17235433	17236118	-	0	0.11
ENSG0000018766H	processed	chr17	73067870	73068288	-	0	0
ENSG0000015681A	miRNA	chr8	74548543	74548617	+	0	0
ENSG00000175L162F	misc_RNA	chr22	28642979	28643270	-	0	0
ENSG0000018798G	transcribed	chr17	45553710	45559070	-	0	0
ENSG0000018629E	lincRNA	chr13	30022021	30023800	-	0	0
ENSG0000014479	miRNA	chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000013201	miRNA	chr22	48274364	48274415	+	0	0
ENSG0000013934	miRNA	chr6	33698128	33698234	+	0	0
ENSG000001874J	sense_intronic	chr18	3770017	3771430	-	0	0
ENSG0000013689F	miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000014452	miRNA	chr4	86542482	86542552	-	0	0
ENSG0000014715	miRNA	chr15	25848747	25848825	-	0	0
ENSG0000014268	miRNA	chr2	2.2E+08	2.2E+08	-	0	0
ENSG000001RAC1P1	processed	chr18	24685772	24686351	-	0	0
ENSG0000018650P	lincRNA	chr18	31496645	31497195	-	0.19	0
ENSG000001805F	unprocessed	chr18	15003975	15006352	-	0	0
ENSG000001GDF10	protein_coding	chr10	47300386	47313547	+	0.09	0.25
ENSG0000014650-1	miRNA	chr7	67114322	67114397	-	0	0
ENSG0000018138P	antisense	chr17	27874645	27881237	+	0	0

ENSG0000(MTCYBP13 unprocessed)	chr17	22519617	22520709	+	0	0
ENSG0000(MIR4318 miRNA)	chr18	37657135	37657215	+	0	0
ENSG0000(MIR4706 miRNA)	chr14	65044688	65044769	+	0	0
ENSG0000(MIR3619 miRNA)	chr22	46091044	46091126	+	0	0
ENSG0000(RP11-40A1 antisense)	chr17	33111858	33131743	+	0	0
ENSG0000(SPDYE22P unprocessed)	chr17	59174983	59181787	-	0	0
ENSG0000(RP11-385D lincRNA)	chr17	15530773	15531089	-	0.32	0.35
ENSG0000(RP11-881L antisense)	chr18	9587386	9590182	+	0	0
ENSG0000(MIR5701-1 miRNA)	chr15	20940252	20940333	+	0	0
ENSG0000(RP11-526I processed)	chr18	26952201	26952558	-	0	0
ENSG0000(RN7SL356F misc_RNA)	chr14	76967518	76967765	-	0	0
ENSG0000(LINC01443 lincRNA)	chr18	14946267	14973770	+	0	0.11
ENSG0000(MIR3145 miRNA)	chr6	1.38E+08	1.38E+08	-	0	0
ENSG0000(MIR4530 miRNA)	chr19	39409623	39409678	-	0	0
ENSG0000(RP11-1007 processed)	chrX	1.52E+08	1.52E+08	-	0	0
ENSG0000(CTD-2200P processed)	chr17	58675286	58675462	+	0	0
ENSG0000(EIF1P5 unprocessed)	chr17	21259968	21260501	-	0	0
ENSG0000(MIR4418 miRNA)	chr1	22266239	22266300	+	0	0
ENSG0000(RN7SL377F misc_RNA)	chr7	72822894	72823171	-	0	0.46
ENSG0000(MIR5579 miRNA)	chr11	79422169	79422226	-	0	0
ENSG0000(RP11-449D lincRNA)	chr18	24725781	24929076	+	0	0
ENSG0000(BOLA2P1 processed)	chr18	832238	832469	+	0	0
ENSG0000(RP11-838N lincRNA)	chr18	3284145	3327292	+	0	0
ENSG0000(RP1-71H19 lincRNA)	chr6	57493855	57497691	+	0	0
ENSG0000(MIR4254 miRNA)	chr1	31758660	31758735	-	0	0
ENSG0000(MIR3166 miRNA)	chr11	88176502	88176593	+	0	0
ENSG0000(MIR4527 miRNA)	chr18	47380496	47380565	+	0	0
ENSG0000(MIR4478 miRNA)	chr9	1.22E+08	1.22E+08	-	0	0
ENSG0000(CTD-2382H lincRNA)	chr18	78908629	78918993	-	0	0
ENSG0000(RP1-56K13 lincRNA)	chr17	39003248	39013032	-	0	0
ENSG0000(MIR4512 miRNA)	chr15	66496958	66497034	-	0	0
ENSG0000(MIR4713 miRNA)	chr15	51242190	51242264	+	0	0
ENSG0000(MIR4766 miRNA)	chr22	40813883	40813958	-	0	0
ENSG0000(RP11-583F antisense)	chr17	65051909	65053308	+	0	0
ENSG0000(RP11-466A antisense)	chr17	32518953	32531492	+	0	0
ENSG0000(RP11-6N17 antisense)	chr17	47929682	47933106	-	0	0
ENSG0000(RP11-476K lincRNA)	chr18	1509183	1647097	+	0	0
ENSG0000(LINC01887 lincRNA)	chr18	10612304	10626353	-	0	0
ENSG0000(LONRF2P1 processed)	chr18	14450216	14450883	-	0	0
ENSG0000(RN7SL176F misc_RNA)	chr12	1E+08	1E+08	-	0	0
ENSG0000(MIR4703 miRNA)	chr13	51552589	51552667	+	0	0
ENSG0000(RFWD2P1 processed)	chr18	8412129	8414304	+	0	0
ENSG0000(RP11-94B1 lincRNA)	chr18	76259166	76260114	+	0	0
ENSG0000(MIR3692 miRNA)	chr6	1.58E+08	1.58E+08	+	0	0
ENSG0000(MIR4742 miRNA)	chr1	2.24E+08	2.24E+08	-	0	0

ENSG00000108462	MIR4642	miRNA	chr6	44435641	44435722	+	0	0
ENSG00000108462	RN7SL202F	misc_RNA	chr19	3920245	3920506	-	0	0.45
ENSG00000108462	MIR3972	miRNA	chr1	17277889	17277975	+	0	0
ENSG00000108462	MIR4754	miRNA	chr19	58386770	58386858	-	0	0
ENSG00000108462	RP11-20B2	antisense	chr17	28897738	28899402	+	0	0
ENSG00000108462	MIR3677	miRNA	chr16	2270713	2270772	+	0	0
ENSG00000108462	RP11-927P	antisense	chr17	64899766	64900716	+	0.77	0.58
ENSG00000108462	MIR4299	miRNA	chr11	11656651	11656722	-	0	0
ENSG00000108462	RP11-51L5	unprocessed	chr17	62260634	62261936	+	0	0
ENSG00000108462	SETP3	processed	chr17	58476138	58476950	-	0.24	0.6
ENSG00000108462	MIR3126	miRNA	chr2	69103682	69103755	+	0	0
ENSG00000108462	RP11-138I1	lincRNA	chr17	16440479	16440952	-	0	0
ENSG00000108462	RP11-1376	antisense	chr17	82160056	82160452	+	0	0
ENSG00000108462	MIR3908	miRNA	chr12	1.24E+08	1.24E+08	+	0	0
ENSG00000108462	MIR3169	miRNA	chr13	61199798	61199880	-	0	0
ENSG00000108462	RP11-160E	sense_intr	chr17	19150279	19151286	+	0	0
ENSG00000108462	MIR4739	miRNA	chr17	79707176	79707249	-	0	0
ENSG00000108462	MIR4325	miRNA	chr20	57321502	57321591	-	0	0
ENSG00000108462	RP11-849N	lincRNA	chr17	15379864	15417878	-	0	0
ENSG00000108462	MIR5692C	miRNA	chr7	97964405	97964481	-	0	0
ENSG00000108462	RP11-822E	processed	chr17	21552509	21552711	+	0	0
ENSG00000108462	MIR4297	miRNA	chr10	1.3E+08	1.3E+08	-	0	0
ENSG00000108462	RP11-258F	antisense	chr17	18172625	18184753	-	0.3	0.42
ENSG00000108462	RP5-1148A	antisense	chr6	63571005	63572408	-	2.27	2.67
ENSG00000108462	MIR4274	miRNA	chr4	7460028	7460118	+	0	0
ENSG00000108462	RP11-1109	processed	chr17	22277867	22279289	-	0	0
ENSG00000108462	snoZ6	snoRNA	chr21	44437121	44437175	+	0	0
ENSG00000108462	OR4K8P	unprocessed	chr18	14613137	14614184	+	0	0
ENSG00000108462	RP11-30L3	antisense	chr18	49205912	49208781	+	0	0
ENSG00000108462	MIR3945	miRNA	chr4	1.85E+08	1.85E+08	-	0	0
ENSG00000108462	MIR4490	miRNA	chr11	90555774	90555857	-	0	0
ENSG00000108462	MIR4498	miRNA	chr12	1.2E+08	1.2E+08	-	0	0
ENSG00000108462	MIR4437	miRNA	chr2	1.81E+08	1.81E+08	-	0	0
ENSG00000108462	PSMD7P1	processed	chr17	66197693	66198238	+	0	0
ENSG00000108462	RP11-661C	antisense	chr18	8635179	8636347	-	0	0
ENSG00000108462	RP11-214C	lincRNA	chr17	14303854	14305505	+	0	0
ENSG00000108462	RN7SL48P	misc_RNA	chrX	18915243	18915535	-	0.37	0
ENSG00000108462	RP11-398J	antisense	chr17	79132722	79136402	+	0	0
ENSG00000108462	MIR3149	miRNA	chr8	76966768	76966850	-	0	0
ENSG00000108462	MYO15B	protein_co	chr17	75588058	75626501	+	1.03	2.37
ENSG00000108462	RP11-855A	antisense	chr17	67950885	67951746	-	0	0
ENSG00000108462	RP11-466A	antisense	chr17	32495536	32499333	+	0	0
ENSG00000108462	MIR4676	miRNA	chr10	72721029	72721100	+	0	0
ENSG00000108462	RN7SL14P	misc_RNA	chr20	18258554	18258851	-	0	0
ENSG00000108462	MIR5695	miRNA	chr19	12920320	12920404	+	0	0

ENSG0000(AC015688. protein_co	chr17	27623364	27640777	+	0	0
ENSG0000(DSG1-AS1 antisense	chr18	31343368	31426988	-	0	0
ENSG0000(TBC1D29 protein_co	chr17	30557112	30563493	+	0.21	0.08
ENSG0000(GTF2IP6 unprocessε	chr17	27019527	27047934	-	0	0
ENSG0000(MIR4757 miRNA	chr2	19348429	19348505	+	0	0
ENSG0000(MIR4708 miRNA	chr14	65335117	65335183	-	0	0
ENSG0000(RP11-94B1 lincRNA	chr18	76173304	76177738	-	0	0
ENSG0000(RP11-131K lincRNA	chr17	13957748	13966952	-	0	0
ENSG0000(MIR3135A miRNA	chr3	20137565	20137641	+	0	0
ENSG0000(RP11-1109 processed_	chr17	22411893	22412229	-	0	0
ENSG0000(MIR4645 miRNA	chr6	2854031	2854107	-	0	0
ENSG0000(MIR3661 miRNA	chr5	1.34E+08	1.34E+08	+	0	0
ENSG0000(RN7SL524F misc_RNA	chr10	1.04E+08	1.04E+08	-	1.36	3.42
ENSG0000(MIR5680 miRNA	chr8	1.02E+08	1.02E+08	+	0	0
ENSG0000(MIR3680-2 miRNA	chr16	29599179	29599265	-	0	0
ENSG0000(MIR4464 miRNA	chr6	90312742	90312833	+	0	0
ENSG0000(MIR3194 miRNA	chr20	51452905	51452977	-	0	0
ENSG0000(CTD-2582D lincRNA	chr17	73894749	73911878	-	0	0
ENSG0000(RP11-678G antisense	chr18	7741310	7754831	-	0	0
ENSG0000(RN7SL619F misc_RNA	chr19	13815062	13815319	-	0.88	0
ENSG0000(RP11-19P2 processed_	chr17	27675894	27675997	-	0	0
ENSG0000(RP11-321N lincRNA	chr18	75432703	75436957	-	0	0
ENSG0000(RP11-218N antisense	chr17	30557732	30558502	-	0	0
ENSG0000(MIR4646 miRNA	chr6	31701029	31701091	-	0	0
ENSG0000(SH3GL1P1 transcribec	chr17	32039974	32042828	+	0.77	0.98
ENSG0000(MIR4444-2 miRNA	chr3	75214476	75214549	+	0	0
ENSG0000(MIR3663 miRNA	chr10	1.17E+08	1.17E+08	-	0	0
ENSG0000(RP11-715F sense_intrε	chr18	2561172	2562220	-	0.17	0.06
ENSG0000(LGALS9DP unprocessε	chr17	27746132	27754954	+	0	0
ENSG0000(RN7SL7P misc_RNA	chr7	92971002	92971299	-	0	0
ENSG0000(RP11-521L sense_intrε	chr16	68933820	68937725	+	0	0.12
ENSG0000(MIR4419A miRNA	chr1	23057858	23057934	-	0	0
ENSG0000(RP1-77H15 sense_intrε	chr17	16557985	16559269	-	0.1	0.32
ENSG0000(RP11-61L1 sense_intrε	chr18	9506242	9509726	+	0.02	0.02
ENSG0000(RP11-744K unprocessε	chr17	22331597	22332410	+	0	0
ENSG0000(MIR548H5 miRNA	chr6	1.32E+08	1.32E+08	+	0	0
ENSG0000(MIR548AE miRNA	chr2	1.84E+08	1.84E+08	+	0	0
ENSG0000(RP11-449D processed_	chr18	24689914	24690161	-	0	0
ENSG0000(RP11-454P unprocessε	chr18	15254418	15271744	+	0	0
ENSG0000(KPNA2P3 transcribec	chr17	64749918	64758603	-	2.85	2.71
ENSG0000(RP11-6N17 lincRNA	chr17	47879472	47882398	-	0.08	0.12
ENSG0000(RP11-599B lincRNA	chr17	8176812	8182812	+	0	0
ENSG0000(CTD-2200P protein_co	chr17	58660424	58692018	-	0	0
ENSG0000(MIR3689E miRNA	chr9	1.35E+08	1.35E+08	-	0	0
ENSG0000(RN7SL712F misc_RNA	chrX	1.16E+08	1.16E+08	-	0	0

ENSG00000102088	CTD-2008P	lincRNA	chr17	28246454	28248006	-	0	0
ENSG00000102089	GAPLINC	lincRNA	chr18	3466250	3478978	+	3.63	2.45
ENSG00000102090	RP11-121A	sense_intronic	chr17	20323058	20323337	+	0	0
ENSG00000102091	RP11-543H	antisense	chr18	69704978	69724975	-	0	0
ENSG00000102092	RP11-862L	antisense	chr18	76974690	76984162	+	0	1
ENSG00000102093	RP11-793A	antisense	chr18	6025091	6082455	+	0	0
ENSG00000102094	RP11-370A	antisense	chr18	22723491	22907721	-	0	0.22
ENSG00000102095	MIR4482	miRNA	chr10	1.04E+08	1.04E+08	-	0	0
ENSG00000102096	ITM2BP1	processed_transcript	chr17	27612588	27613251	-	0	0
ENSG00000102097	MIR3910-1	miRNA	chr9	91636251	91636361	+	0	0
ENSG00000102098	RPSAP67	unprocessed_transcript	chr17	67774591	67777324	-	0	0
ENSG00000102099	RN7SL123F	misc_RNA	chr9	6661651	6661942	+	0	0.28
ENSG00000102100	RP11-848P	transcribed	chr17	31008497	31093127	+	1.99	4.74
ENSG00000102101	RP6-114E2	lincRNA	chr14	71848606	71908430	+	0.21	0
ENSG00000102102	RP11-19P2	antisense	chr17	27625484	27626438	-	0	0
ENSG00000102103	RN7SL408F	misc_RNA	chr6	1.34E+08	1.34E+08	+	0	0
ENSG00000102104	RP11-1148	transcribed	chr17	30068632	30069631	+	0.12	0.13
ENSG00000102105	RP1-41C23	lincRNA	chr17	31583162	31637543	+	0.25	0.28
ENSG00000102106	RP11-744K	transcribed	chr17	22435390	22439033	+	0	0
ENSG00000102107	MIR4535	miRNA	chr22	48780295	48780353	+	0	0
ENSG00000102108	MIR4634	miRNA	chr5	1.75E+08	1.75E+08	+	0	0
ENSG00000102109	RP11-692N	processed_transcript	chr18	9734882	9735602	-	0	0
ENSG00000102110	AC005616	lincRNA	chr19	28491864	28632728	-	0	0
ENSG00000102111	RP1-266L2	sense_intronic	chr6	1.7E+08	1.7E+08	+	0.53	0.29
ENSG00000102112	AC005546	lincRNA	chr19	13131571	13132410	+	0.44	0
ENSG00000102113	AKR1B1P7	processed_transcript	chr19	33360497	33361448	-	0.06	0
ENSG00000102114	RP11-173A	sense_intronic	chr18	62245810	62247412	+	0	0
ENSG00000102115	RP11-567N	antisense	chr18	79702721	79703651	-	0	0
ENSG00000102116	CTB-171A8	antisense	chr19	44632199	44718759	-	0.26	0.08
ENSG00000102117	LINC00663	lincRNA	chr19	19757366	19776423	-	1.74	1.21
ENSG00000102118	RP11-1058	lincRNA	chr18	48962951	48963941	-	0	0
ENSG00000102119	AC005357	processed_transcript	chr19	27983032	27983332	-	0	0
ENSG00000102120	AC006116	processed_transcript	chr19	56319790	56322310	-	0	0
ENSG00000102121	RP5-1022P	lincRNA	chr20	5499116	5502881	+	0	0
ENSG00000102122	SLC25A6P4	processed_transcript	chr18	80077707	80078259	+	0	0
ENSG00000102123	CTC-448F2	processed_transcript	chr19	30037423	30038156	+	0	0
ENSG00000102124	LINC01841	lincRNA	chr19	14305458	14370196	-	0	0.14
ENSG00000102125	MRPS5P4	processed_transcript	chr18	60519841	60520165	+	0	0
ENSG00000102126	ZNF793-AS	antisense	chr19	37497159	37507046	-	0.44	0.19
ENSG00000102127	RP11-798G	TEC	chr17	45531577	45533838	+	0.76	0.38
ENSG00000102128	MIR3184	sense_intronic	chr17	30117079	30117172	-	0	0
ENSG00000102129	ACTBP9	processed_transcript	chr18	62442028	62443126	+	0	0
ENSG00000102130	RP11-15A1	antisense	chr19	43996896	44002836	-	0.35	0.15
ENSG00000102131	CTC-499B1	sense_intronic	chr19	11725961	11730783	-	0	0
ENSG00000102132	RP11-693J	antisense	chr12	92421531	92483680	+	0	0

ENSG00000101544	RP11-154H lincRNA	chr18	79787121	79791432	+	0	0
ENSG00000101545	RP11-434D lincRNA	chr17	20507413	20508931	-	0	0
ENSG00000101546	CTB-70G10 lincRNA	chr19	28294093	28313500	-	0	0
ENSG00000101547	RP11-400F processed	chr17	42536510	42562062	+	0.21	0
ENSG00000101548	RP11-1252 unprocessed	chr2	87055658	87055800	-	0	0.83
ENSG00000101549	AC006116. transcribed	chr19	56342432	56343419	-	0	0
ENSG00000101550	AC005775. antisense	chr19	490046	507833	-	0.68	0.49
ENSG00000101551	RP11-332H sense_intronic	chr17	61382785	61384680	+	0.6	0.2
ENSG00000101552	CTC-21504 antisense	chr19	11010917	11016011	-	0	0
ENSG00000101553	AC119403. processed	chr19	2896625	2897222	-	0	0
ENSG00000101554	AC104532. antisense	chr19	5899895	5901511	+	0	0
ENSG00000101555	RPSAP66 processed	chr17	60564740	60565671	-	0	0
ENSG00000101556	AC005262. processed	chr19	3130717	3131398	+	0	0
ENSG00000101557	MRPL37P1 processed	chr18	58690356	58692153	+	0	0
ENSG00000101558	RP11-799D antisense	chr17	35231450	35242963	-	0.29	0.41
ENSG00000101559	CTD-2623M lincRNA	chr19	9793621	9802301	+	0	0
ENSG00000101560	AD000091. lincRNA	chr19	15613247	15614553	-	0	0.13
ENSG00000101561	LINC01538 lincRNA	chr18	64213082	64260055	-	0	0
ENSG00000101562	RP11-618P protein_coding	chr19	34396315	34409364	+	0.61	0
ENSG00000101563	RP11-701H antisense	chr18	13644815	13645685	-	0	0
ENSG00000101564	RP11-820I1 antisense	chr18	11993988	11994938	-	0	0
ENSG00000101565	RP11-49K2 antisense	chr18	47077361	47091280	-	0	0
ENSG00000101566	AC006126. antisense	chr19	45187388	45216933	+	0	0
ENSG00000101567	AC005786. processed	chr19	3568120	3568273	-	0	0
ENSG00000101568	FAM106DP unprocessed	chr17	60173322	60173822	+	0	0
ENSG00000101569	RP11-973H lincRNA	chr18	12738965	12750068	-	0	0
ENSG00000101570	RP11-400F antisense	chr17	42552436	42554748	-	6.88	7.86
ENSG00000101571	AC005625. antisense	chr19	38361795	38362484	-	0	0
ENSG00000101572	FXD1 protein_coding	chr19	35138808	35143109	+	4.46	4.5
ENSG00000101573	RP11-712P sense_intronic	chr18	35595901	35597599	+	0	0
ENSG00000101574	AARSD1 protein_coding	chr17	42950526	42964498	-	13.63	15.39
ENSG00000101575	RP11-116C sense_intronic	chr18	45646153	45647937	+	0	0
ENSG00000101576	RP11-773H antisense	chr18	12984694	12991173	-	0	0
ENSG00000101577	RP11-806H lincRNA	chr17	78360453	78373911	+	0.08	0.35
ENSG00000101578	OR4F8P unprocessed	chr19	156279	157215	-	0	0
ENSG00000101579	CTD-3162L antisense	chr19	36378028	36378832	+	0	0
ENSG00000101580	FARSA-AS1 antisense	chr19	12930522	12933296	+	0	0
ENSG00000101581	AC079466. lincRNA	chr19	28606688	28615229	+	0.05	0.08
ENSG00000101582	CTC-459F4 lincRNA	chr19	27849730	27889222	-	0	0
ENSG00000101583	CTD-2369P antisense	chr19	10252268	10285108	-	0	0.07
ENSG00000101584	LINC01180 lincRNA	chr17	44646364	44650349	-	0	0
ENSG00000101585	RP11-552F antisense	chr17	75818815	75820055	-	0	0
ENSG00000101586	RP11-799D processed	chr17	35188522	35191343	+	0	0
ENSG00000101587	CTC-232P5 antisense	chr19	5978403	6020363	+	0.11	0.12
ENSG00000101588	POLR3GP2 processed	chr18	48478561	48479228	+	0	0

ENSG0000(CTD-2329C lincRNA	chr19	33555568	33557470	+	0	0
ENSG0000(RP11-354P antisense	chr17	30144062	30144790	-	0	0
ENSG0000(RP11-749H sense_intr	chr18	45483345	45529855	+	0	0
ENSG0000(FTLP5 processed_	chr19	3870991	3872107	+	0	0
ENSG0000(LLNLR-284I antisense	chr19	999796	1002757	-	0.84	0.26
ENSG0000(DHX40P1 transcribec	chr17	59976009	60002384	-	1.28	0.45
ENSG0000(RP4-657D1 antisense	chr1	51793934	51799154	+	0.21	0.75
ENSG0000(RP11-127I2 processed_	chr16	4730115	4752565	-	0	0
ENSG0000(RP11-703I1 processed_	chr18	12040101	12040300	-	0	1.06
ENSG0000(RP11-886H protein_co	chr18	49795793	49837623	-	0	0
ENSG0000(RP11-936I5 antisense	chr17	77373818	77377236	-	0.02	0
ENSG0000(RP11-27G2 antisense	chr18	59459072	59465682	+	0	0
ENSG0000(AC006538. protein_co	chr19	2717769	2740048	-	0	0
ENSG0000(RP11-242D lincRNA	chr17	43148368	43171037	-	4.21	3.65
ENSG0000(CTD-2659N lincRNA	chr19	12725517	12725886	-	0	0
ENSG0000(AC002984. processed_	chr19	36173406	36173853	-	0	0
ENSG0000(CTC-448F2 lincRNA	chr19	30028741	30029916	-	0	0
ENSG0000(CTB-31O2C antisense	chr19	1815249	1815873	+	0	0
ENSG0000(RP11-120M processed_	chr17	68413623	68524949	+	0.26	0.02
ENSG0000(CTB-50L17. lincRNA	chr19	4457962	4471493	-	0	0.39
ENSG0000(CTC-360P9 lincRNA	chr19	31886704	31908284	-	0	0
ENSG0000(LINC01929 lincRNA	chr18	55105904	55124306	-	0.05	0
ENSG0000(LINC01532 lincRNA	chr19	29002555	29013955	+	0	0
ENSG0000(RP11-800A antisense	chr18	79340258	79343972	-	0	0
ENSG0000(RP11-75C1 antisense	chr17	77469162	77472770	-	0	0.12
ENSG0000(NTF6A unprocessε	chr19	49025461	49026020	-	0	0
ENSG0000(AC084219. protein_co	chr19	44025354	44087318	+	0.44	0.72
ENSG0000(LRRC37A1ε transcribec	chr17	68125777	68152468	-	0.03	0
ENSG0000(CTD-2588C antisense	chr19	34426112	34428273	-	0.18	0.6
ENSG0000(RP11-92C4 antisense	chr9	98847172	98872415	-	0	0
ENSG0000(AC011524. lincRNA	chr19	28949437	28950200	-	0	0
ENSG0000(TCF4-AS1 antisense	chr18	55452533	55482940	+	0	0
ENSG0000(CTB-50L17. antisense	chr19	4447304	4448217	+	0.27	0.44
ENSG0000(RP11-807E processed_	chr18	13151637	13152689	-	0	0
ENSG0000(CTD-2562J. antisense	chr19	16186276	16189458	-	0	0.13
ENSG0000(RP11-384C lincRNA	chr2	2.22E+08	2.22E+08	-	0.04	0
ENSG0000(RP11-1094 lincRNA	chr17	35540039	35540797	-	0	0
ENSG0000(AC005559. processed_	chr19	590430	591300	-	0	0
ENSG0000(RP11-1096 lincRNA	chr18	61681653	61682695	+	0	0
ENSG0000(RP11-58G1 antisense	chr18	36901946	36923814	-	0	0
ENSG0000(RP11-35G9 antisense	chr18	57630302	57669296	+	0.85	1.62
ENSG0000(ZNF850 protein_co	chr19	36714383	36772825	-	0.53	0.5
ENSG0000(CTD-3193K antisense	chr17	42679963	42682020	+	0	0
ENSG0000(AC005757. antisense	chr19	45135993	45136977	-	0	0
ENSG0000(E2F3P1 processed_	chr17	35490009	35491238	+	0	0

ENSG0000(RP11-589P antisense)	chr17	6985494	7019414	-	0.14	0.09
ENSG0000(RP11-566K processed)	chr16	89906157	89918233	+	0	0
ENSG0000(AC002398. antisense)	chr19	35769144	35771028	-	0.19	0
ENSG0000(RP11-128P lincRNA)	chr18	11366913	11378409	-	0	0
ENSG0000(CTB-30L5.1 lincRNA)	chr7	1.07E+08	1.07E+08	-	0	0.14
ENSG0000(CTD-3162L lincRNA)	chr19	36304580	36312668	+	0	0.17
ENSG0000(CTD-2540B sense_intron)	chr19	33178056	33178651	+	0	0
ENSG0000(RP11-486P lincRNA)	chr7	20096137	20130475	+	0	0
ENSG0000(AC005336. processed)	chr19	15910582	15911824	-	0	0
ENSG0000(LINC01905 lincRNA)	chr18	56042135	56096319	+	0	0
ENSG0000(RP11-15A1 lincRNA)	chr19	43891804	43901805	-	3.52	4.88
ENSG0000(AC005943. protein_coding)	chr19	1578339	1605445	-	13.53	11.74
ENSG0000(PTGES3L protein_coding)	chr17	42968088	42980433	-	0.21	0.16
ENSG0000(RP11-760L antisense)	chr18	59563709	59568615	+	0	0
ENSG0000(CTD-2659N antisense)	chr19	12796823	12801849	+	0.37	0
ENSG0000(AC006130. antisense)	chr19	2847227	2858716	-	0	0
ENSG0000(UXT-AS1 antisense)	chrX	47658833	47660377	+	0.36	0.41
ENSG0000(LINC02080 lincRNA)	chr17	76799044	76807102	+	0.08	0.04
ENSG0000(RP11-866E processed)	chr18	59929226	59930330	+	0	0
ENSG0000(RP11-64C1 lincRNA)	chr18	12288308	12291488	+	0	0
ENSG0000(RP11-10K1 lincRNA)	chr16	5098739	5142595	+	0	0
ENSG0000(NAGPA-AS. lincRNA)	chr16	5010909	5043999	+	0	0
ENSG0000(AC005256. lincRNA)	chr19	1748056	1748745	+	0	1.54
ENSG0000(RP11-1094 sense_intron)	chr17	35499690	35510270	-	0	0
ENSG0000(RP11-434D lincRNA)	chr17	20545371	20549952	+	0	0
ENSG0000(CCDC58P3 processed)	chr18	12211378	12211807	+	0	0
ENSG0000(RP11-127I2 antisense)	chr16	4795265	4796532	-	0	0
ENSG0000(RP11-666A antisense)	chr17	76569792	76571240	+	0	0
ENSG0000(RP11-820I1 lincRNA)	chr18	11910634	11914344	-	0	0
ENSG0000(ASB16-AS1 antisense)	chr17	44175973	44186717	-	4.89	6.91
ENSG0000(CTC-400I9. lincRNA)	chr19	30850975	30872507	+	0	0
ENSG0000(CTC-510F1. antisense)	chr19	11203628	11216168	+	0.12	0.27
ENSG0000(KRT18P61 processed)	chr17	60810165	60811462	+	0	0
ENSG0000(RP11-666A processed)	chr17	76595584	76595772	-	0	0
ENSG0000(RP11-15J1(processed)	chr9	65222522	65222777	-	0	0
ENSG0000(RP11-115N processed)	chr18	42089312	42089752	+	0	0
ENSG0000(CTC-499B1 lincRNA)	chr19	11841241	11842439	-	0	0
ENSG0000(AC005789. antisense)	chr19	38385522	38386759	+	0	0.4
ENSG0000(CTBP2P7 processed)	chr19	36496916	36498159	-	0.05	0
ENSG0000(CTB-25B13 antisense)	chr19	1508375	1508963	+	0.17	0
ENSG0000(CTD-2319I(lincRNA)	chr17	60135762	60140081	-	0	0.15
ENSG0000(CTD-2537I(sense_intron)	chr19	55670632	55672069	+	0.08	0.26
ENSG0000(SLC14A2-A antisense)	chr18	45423764	45483218	-	0	0
ENSG0000(RP11-325K lincRNA)	chr18	60630167	60902726	-	0	0
ENSG0000(NTF6G unprocessed)	chr19	49029726	49030341	+	0	0

ENSG0000(ILF3-AS1 lincRNA chr19	10651862	10653844	-	3.18	3.65
ENSG0000(RP11-846C antisense chr18	45130565	45181347	-	0	0
ENSG0000(RP11-686D transcribed chr17	35409602	35410228	-	3.8	2.05
ENSG0000(TBC1D3P1- processed_ chr17	59962363	60018975	-	0.05	0.05
ENSG0000(CTD-2369P antisense chr19	10259109	10260045	-	0	0
ENSG0000(ZNF561-AS processed_ chr19	9621291	9645896	+	7.36	6.82
ENSG0000(PCAT19 lincRNA chr19	41454169	41500649	-	0	0.02
ENSG0000(RP11-861E lincRNA chr18	12432897	12437635	+	0	0
ENSG0000(CTD-2378E lincRNA chr17	70312831	70368916	-	0	0
ENSG0000(CTD-2587H protein_co chr19	55154757	55160671	-	0	0
ENSG0000(RP11-839G antisense chr18	54885866	54898083	-	0	0
ENSG0000(AF038458. processed_ chr19	35957121	35957382	-	0	0
ENSG0000(CTB-129P6 lincRNA chr19	44950044	44954007	-	0	0
ENSG0000(CTD-3064H lincRNA chr19	37503906	37504465	-	0	0
ENSG0000(RP11-64C1 processed_ chr18	12192203	12192934	-	0	0
ENSG0000(AC010525. antisense chr19	55694118	55694558	-	0	0
ENSG0000(RPL10P15 processed_ chr19	9820141	9820455	+	0	0
ENSG0000(AD000671. protein_co chr19	35739252	35745432	-	0.11	0.31
ENSG0000(CTD-2020K antisense chr17	45190931	45222222	-	5.36	4.59
ENSG0000(AC004490. antisense chr19	2212029	2215565	-	0	0
ENSG0000(LINC02081 lincRNA chr17	78617389	78632057	-	0	0
ENSG0000(CTD-3113P antisense chr19	305573	306467	+	0	0
ENSG0000(CTB-31O2C antisense chr19	1852382	1853622	+	0	0
ENSG0000(RP11-795F protein_co chr18	80034346	80097088	+	0.26	0.06
ENSG0000(RNF157-AS antisense chr17	76140556	76154650	+	0	0
ENSG0000(OR1AC1P unprocessε chr17	3377527	3377602	-	0	0
ENSG0000(CTD-2540B lincRNA chr19	33305036	33309387	+	0	0
ENSG0000(RP11-332H antisense chr17	61361668	61400243	-	0	0
ENSG0000(HMGB3P2. processed_ chr17	42648178	42648738	+	0	0
ENSG0000(AC011518. lincRNA chr19	32103583	32106537	+	0	0
ENSG0000(LINC01924 lincRNA chr18	64104091	64423601	+	0	0
ENSG0000(AD000091. processed_ chr19	15611623	15611909	-	2.34	2.58
ENSG0000(RP11-53B2 antisense chr18	13514520	13522888	-	0	0
ENSG0000(RP11-15K2 antisense chr17	61460224	61463384	-	0	0
ENSG0000(AC005954. sense_intrε chr19	3754620	3756659	-	0	0.31
ENSG0000(AC005262. antisense chr19	3118665	3119304	-	0.17	0
ENSG0000(RP11-322E protein_co chr18	35443871	35497940	-	0	0
ENSG0000(CTB-31O2C antisense chr19	1860250	1862019	+	0	0
ENSG0000(CTD-3162L processed_ chr19	36421536	36422534	+	0	0.13
ENSG0000(RP11-677C lincRNA chr18	11620717	11621158	-	0	0.22
ENSG0000(AC067968. lincRNA chr19	44023604	44025262	-	0	0
ENSG0000(AC006116. processed_ chr19	56338288	56338648	-	0	0
ENSG0000(RP11-383D antisense chr18	56872668	56873970	-	0	0
ENSG0000(LINC01842 lincRNA chr19	14333743	14343916	+	0	0.09
ENSG0000(AC005777. unprocessε chr19	3775996	3776182	-	0	0

ENSG00000100000	CTC-550B1 processed	chr19	55027593	55053928	-	0	0
ENSG00000100000	RP11-411B antisense	chr18	14089935	14091019	+	0	0
ENSG00000100000	MIR2117H1 lincRNA	chr17	43444707	43451200	+	0	0
ENSG00000100000	CTD-2528L lincRNA	chr19	37728586	37730643	-	0	0.33
ENSG00000100000	CTBP2P3 processed	chr18	60663115	60664369	+	0	0
ENSG00000100000	OR1M4P unprocessed	chr19	9083112	9083398	-	0	0
ENSG00000100000	TPMTP1 processed	chr18	47630112	47630848	+	0	0
ENSG00000100000	CTB-5409.1 protein	chr19	5784005	5785619	-	0.13	0
ENSG00000100000	AC005391. antisense	chr19	928259	928817	-	0.3	0
ENSG00000100000	RP11-1072 antisense	chr17	44673689	44676257	-	0.06	0
ENSG00000100000	SDHDP1 processed	chr18	12101997	12102470	-	0	0
ENSG00000100000	CHMP1B-A antisense	chr18	11851414	11852751	-	0	0
ENSG00000100000	RP11-527L unprocessed	chr17	43922775	43927388	-	0	0
ENSG00000100000	RP11-318A protein	chr17	76732978	76738522	+	0	0
ENSG00000100000	CTB-5506.1 antisense	chr19	14137179	14171267	+	2.13	1.93
ENSG00000100000	CALM2P1 processed	chr17	70241324	70241761	+	0	0
ENSG00000100000	RP11-397A lincRNA	chr18	55817167	55819759	+	0	0
ENSG00000100000	CTC-512J1.1 protein	chr19	44329695	44401608	-	0	0
ENSG00000100000	CTC-510F1.3 prime	chr19	11300777	11324441	-	0	0
ENSG00000100000	RP11-879F lincRNA	chr18	61592375	61748832	-	0	0
ENSG00000100000	RP11-756J.1 antisense	chr18	13234945	13236470	-	5.43	0
ENSG00000100000	PHF5CP processed	chr19	19588091	19588415	-	0	0
ENSG00000100000	CTD-2006C protein	chr19	11925075	11979290	+	0	0
ENSG00000100000	AC007136. transcribed	chr19	2030853	2031051	-	0	0
ENSG00000100000	SNRPCP20 processed	chr16	5289200	5289409	-	0	0
ENSG00000100000	RP1-200G1 processed	chr17	69707193	69707373	-	0	0
ENSG00000100000	PTP4A2P1 processed	chr17	42533532	42534009	+	0	0
ENSG00000100000	RP11-767C processed	chr18	47703175	47703745	+	0	0
ENSG00000100000	CTC-512J1.1 processed	chr19	44392439	44448452	-	0	0
ENSG00000100000	ATP5LP7 processed	chr17	42647834	42648143	+	0	0
ENSG00000100000	TYMSP2 processed	chr19	35683778	35684201	-	0	0
ENSG00000100000	RP11-15A1 antisense	chr19	43902001	43926545	+	0.14	0
ENSG00000100000	AC006116. antisense	chr19	56387412	56388424	+	0	0
ENSG00000100000	RP11-116C antisense	chr18	45669367	45747215	-	0.33	0.36
ENSG00000100000	RP1-193H1 lincRNA	chr17	69551358	69553861	+	0.11	0.17
ENSG00000100000	MIR212 miRNA	chr17	2050271	2050380	-	0	0
ENSG00000100000	RP11-813F sense	chr18	49969721	49970957	-	0	0
ENSG00000100000	CTC-429L1.1 sense	chr19	10490339	10491000	-	1.8	0.57
ENSG00000100000	RP11-798G lincRNA	chr17	45545804	45563230	+	0.6	0.65
ENSG00000100000	RP11-861E antisense	chr18	12438890	12448205	+	2.42	2.18
ENSG00000100000	MIR132 miRNA	chr17	2049908	2050008	-	0	0
ENSG00000100000	LINC01775 lincRNA	chr19	2458935	2462185	-	0.72	0.26
ENSG00000100000	RP11-797E antisense	chr18	37273706	37276572	+	0	0
ENSG00000100000	SNRPGP4 processed	chr17	69318733	69318961	+	0	0
ENSG00000100000	LINC01782 lincRNA	chr19	32102088	32105916	-	0	0

ENSG0000(AC005954. antisense	chr19	3753840	3756517	+	0.28	0.91
ENSG0000(LCN6 protein_co	chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP11-264B antisense	chr17	61034636	61070122	-	0	0
ENSG0000(LINC01897 lincRNA	chr18	57961231	57964434	-	0	0
ENSG0000(RP5-1067N lincRNA	chr17	44328613	44331462	+	0	0
ENSG0000(CTD-2659N lincRNA	chr19	12784539	12785101	-	0	0
ENSG0000(AC007773. antisense	chr19	32390050	32405560	-	1.07	0
ENSG0000(CTC-265F1. antisense	chr19	2631954	2632849	+	0	0
ENSG0000(RP11-685A lincRNA	chr18	59081924	59084981	+	0	0
ENSG0000(AC010642. protein_co	chr19	58278966	58315197	+	0.31	0.15
ENSG0000(AC005336. processed_	chr19	15902300	15903238	-	0	0
ENSG0000(AC010504. antisense	chr19	34348356	34359412	-	0.24	0.13
ENSG0000(CTC-260E6 transcribec	chr19	20131894	20151908	-	0	0
ENSG0000(CTD-2132N protein_co	chr17	42038232	42050614	-	0.6	0.43
ENSG0000(RP11-194N sense_intr	chr17	42495867	42496550	+	0	0
ENSG0000(AC005597. antisense	chr19	30219666	30228715	-	0	0
ENSG0000(AC005498. lincRNA	chr19	56535299	56535763	+	0	0.18
ENSG0000(WDR7-OT1 sense_ovei	chr18	57027832	57038845	+	0	0
ENSG0000(RP11-126C antisense	chr18	58670009	58671877	-	0.1	0
ENSG0000(RP11-640I1 processed_	chr17	15748703	15749315	-	0	0
ENSG0000(RP11-49K2 protein_co	chr18	47108188	47176345	-	14.38	16.1
ENSG0000(AC005786. lincRNA	chr19	3558015	3558486	+	0	0
ENSG0000(CTB-31O2C lincRNA	chr19	1875016	1875992	+	0	0
ENSG0000(HNRNPA3F processed_	chr18	50814392	50815730	+	0	0
ENSG0000(CTB-184G2 antisense	chr19	19401979	19402603	-	0.47	0
ENSG0000(ZNF861P unprocess	chr19	15821796	15823797	-	0	0
ENSG0000(AC093074. lincRNA	chr19	28394851	28396428	-	0	0
ENSG0000(RP11-794N antisense	chr18	13203774	13216367	-	0	0
ENSG0000(AC011524. lincRNA	chr19	28960506	28964943	-	0	0
ENSG0000(CYP4F10P unprocess	chr19	15664106	15669826	+	0	0
ENSG0000(AC005307. lincRNA	chr19	28437060	28535277	-	0	0
ENSG0000(CTB-31O2C processed_	chr19	1822089	1824542	+	0.02	0
ENSG0000(CTD-2085J. processed_	chr19	32824142	32824505	-	0	0
ENSG0000(RP11-798G processed_	chr17	45549781	45558738	-	0	0
ENSG0000(RP11-64C1 lincRNA	chr18	12230411	12231573	-	0	0
ENSG0000(CTD-2319I. processed_	chr17	60126535	60135644	-	0.56	0.93
ENSG0000(RP11-973H sense_intr	chr18	12670426	12671145	-	0.18	0.21
ENSG0000(RP11-118B lincRNA	chr17	68793549	68797822	-	0	0
ENSG0000(AC139100. antisense	chr18	80183680	80202992	+	0.05	0
ENSG0000(LINC01255 lincRNA	chr18	11488570	11506983	+	0	0
ENSG0000(RP11-209N processed_	chr17	43718314	43720436	-	0.06	0.07
ENSG0000(ZNF790-AS antisense	chr19	36797518	36828115	+	1.43	1.61
ENSG0000(CTB-50L17. antisense	chr19	4429689	4430934	-	0	0
ENSG0000(RP11-1151 antisense	chr18	58535415	58538552	+	0	0
ENSG0000(CTC-448F2 processed_	chr19	29921182	29921653	+	0	0

ENSG00000100000	CTD-2008P lincRNA	chr17	28232590	28235281	-	0.08	0.03
ENSG00000100000	CTD-2162K lincRNA	chr19	36773153	36777078	+	0.11	0.03
ENSG00000100000	CTD-2132N protein_co	chr17	42119674	42154916	-	0.36	0
ENSG00000100000	CTC-232P5 antisense	chr19	6067953	6077119	+	0	0
ENSG00000100000	RP11-75C1 sense_intr	chr17	77469068	77471045	+	0.08	0.46
ENSG00000100000	CTC-459F4 processed_	chr19	27803538	27804060	+	0	0.46
ENSG00000100000	CTC-550B1 antisense	chr19	55006193	55048086	+	0.13	0.09
ENSG00000100000	AC007204. lincRNA	chr19	19900968	19963464	+	0	0
ENSG00000100000	RP11-2N1. antisense	chr18	59685820	59688400	+	0	0
ENSG00000100000	PARD6G-A antisense	chr18	80147924	80178432	+	1.4	1.45
ENSG00000100000	RP11-686D processed_	chr17	35344231	35344564	+	0	0
ENSG00000100000	LINC01140 lincRNA	chr1	87129765	87169198	+	2.12	1.38
ENSG00000100000	CTC-543D1 lincRNA	chr19	9498678	9510079	+	0	0
ENSG00000100000	CTD-2006C sense_ove	chr19	11939959	11953381	+	0	0
ENSG00000100000	CTD-2562J antisense	chr19	16283359	16324514	-	0	0
ENSG00000100000	CTD-2342J antisense	chr19	11368123	11374935	-	0	0.43
ENSG00000100000	MAP3K14 antisense	chr17	45247925	45268630	+	0.48	0.33
ENSG00000100000	RP11-879F lincRNA	chr18	61585746	61606916	-	0.89	0.68
ENSG00000100000	TBX2-AS1 antisense	chr17	61393456	61411555	-	0.85	1.21
ENSG00000100000	RP11-793H protein_co	chr12	53506688	53625979	-	2.61	1.46
ENSG00000100000	CTB-129P6 antisense	chr19	44882027	44890876	-	0	0
ENSG00000100000	AC005306. processed_	chr19	1989401	1990370	+	0.47	0.18
ENSG00000100000	RP11-397A lincRNA	chr18	55721063	55788761	+	1.41	0.82
ENSG00000100000	RP5-951N9 sense_intr	chr12	1385833	1386987	+	0	0
ENSG00000100000	RP11-794M lincRNA	chr18	13183402	13185617	-	0	0
ENSG00000100000	RP11-567N processed_	chr18	79576460	79589010	+	0	0.03
ENSG00000100000	RP13-890H antisense	chr17	45168800	45171584	-	0.22	0.27
ENSG00000100000	CTD-2623N lincRNA	chr19	9834079	9835013	-	0	0
ENSG00000100000	CTB-186G2 antisense	chr19	38596346	38601694	+	0	0
ENSG00000100000	RP11-703I1 processed_	chr18	12050309	12050672	-	0	0
ENSG00000100000	RP11-8H2. processed_	chr18	46028306	46029829	+	0	0.04
ENSG00000100000	CTD-2319I unprocess	chr17	60113793	60120687	-	0	0
ENSG00000100000	CEBPA-AS1 antisense	chr19	33302857	33305054	+	0.03	0.06
ENSG00000100000	AC006116. sense_intr	chr19	56311928	56312486	-	0.13	0
ENSG00000100000	CTB-66B24 antisense	chr19	6109322	6125797	+	0	0
ENSG00000100000	RPL23AP77 processed_	chr18	23709825	23710287	-	0.17	0.19
ENSG00000100000	RP11-178C lincRNA	chr17	59964832	59996972	+	0.1	0.11
ENSG00000100000	CTD-2369P protein_co	chr19	10315471	10320678	-	0	0
ENSG00000100000	AC004637. antisense	chr19	3672582	3674295	+	0	0
ENSG00000100000	RP11-378J unprocess	chr1	2.23E+08	2.23E+08	-	0	0
ENSG00000100000	LINC01764 lincRNA	chr19	15827045	15835853	-	0	0
ENSG00000100000	CTD-2630F antisense	chr19	36489649	36491040	+	0.94	1.06
ENSG00000100000	OR4G1P unprocess	chr19	104535	105471	+	0	0
ENSG00000100000	RP11-99A1 lincRNA	chr18	54879457	54880809	+	0	0
ENSG00000100000	RP11-1094 processed_	chr17	35459481	35460550	-	0	0.06

ENSG0000(KC6	lincRNA	chr18	41465783	41632185	-	0	0
ENSG0000(AC104532.	protein_co	chr19	5904841	5914707	+	0.46	0
ENSG0000(RP11-686D	processed_	chr17	35377416	35377678	-	0	0
ENSG0000(RP11-879F	lincRNA	chr18	61571342	61579456	-	0	0
ENSG0000(CTB-25B13	antisense	chr19	1457670	1458580	-	7.84	8.02
ENSG0000(RP11-178C	protein_co	chr17	59940908	59973101	+	0	0
ENSG0000(CTD-2528L	processed_	chr19	37693280	37693564	-	0	0.44
ENSG0000(AC005780.	lincRNA	chr19	28316705	28386204	-	0	0
ENSG0000(LINC02001	lincRNA	chr17	35568109	35574843	+	1.63	2.15
ENSG0000(SNHG22	antisense	chr18	49814023	49851059	+	0.6	1.1
ENSG0000(SLC25A1P5	processed_	chr19	27805423	27806205	-	0	0
ENSG0000(RP11-411B	processed_	chr18	14143596	14151139	-	0	0
ENSG0000(LINC01415	lincRNA	chr18	55776727	55781721	-	0	0
ENSG0000(CTD-2008L	lincRNA	chr18	55893038	56023522	+	0	0
ENSG0000(AC002398.	antisense	chr19	35754566	35755490	+	0.1	0.11
ENSG0000(BOLA3P2	processed_	chr19	9019344	9019984	+	0	0
ENSG0000(ASNSP6	processed_	chr18	11745626	11747581	+	0	0
ENSG0000(CTD-2534I	lincRNA	chr17	44947912	44948939	+	0	0
ENSG0000(CTB-60B18	protein_co	chr19	49022953	49036895	-	0	0
ENSG0000(EIF4A2P1	processed_	chr18	12912844	12913906	+	0	0
ENSG0000(LINC01478	lincRNA	chr18	44323436	44531697	-	0	0
ENSG0000(KB-7G2.9	lincRNA	chr22	16616170	16617114	+	0	0
ENSG0000(LINC00906	lincRNA	chr19	28965131	28970874	+	0.02	0.05
ENSG0000(RP11-242D	processed_	chr17	43169880	43170077	-	0	1.1
ENSG0000(RP11-640A	antisense	chr18	62372894	62378130	-	0	0
ENSG0000(RP11-552F	antisense	chr17	75897060	75900148	+	0.08	0
ENSG0000(ZNF833P	transcribec	chr19	11680944	11686259	+	0	0.08
ENSG0000(CTB-39G8.	antisense	chr17	45396932	45397477	+	0	0
ENSG0000(CTD-2293H	antisense	chr19	37075113	37078605	-	0	0
ENSG0000(EIF5AP3	processed_	chr19	45128569	45129030	+	0	0
ENSG0000(CTB-179K2	antisense	chr19	45076510	45090391	-	0	0.45
ENSG0000(RP11-686D	antisense	chr17	35477994	35478444	+	0	0
ENSG0000(SH3GL1P3	processed_	chr17	68134675	68135604	-	0.13	0
ENSG0000(CTD-2162K	lincRNA	chr19	36773712	36775908	-	0.06	0.06
ENSG0000(RP11-749H	sense_intr	chr18	45507202	45550183	+	0	0
ENSG0000(RPL9P29	processed_	chr17	78845953	78846868	-	0	0
ENSG0000(RP11-411B	antisense	chr18	14104542	14105226	+	0	0
ENSG0000(RP11-1094	antisense	chr17	35553205	35554767	+	0	0
ENSG0000(CTC-454I2I	protein_co	chr19	37093019	37210512	-	0.72	0
ENSG0000(LOC10042I	processed_	chr17	69094289	69095499	-	1.27	0.64
ENSG0000(CTD-3162L	lincRNA	chr19	36379351	36380912	-	0	0
ENSG0000(RP11-47L3.	lincRNA	chr17	35313502	35324900	+	0	0.7
ENSG0000(KCNJ2-AS1	antisense	chr17	70166961	70169402	-	0	0
ENSG0000(RP11-53B2	antisense	chr18	13500641	13501289	-	0	0
ENSG0000(UPK3BL	protein_co	chr7	1.03E+08	1.03E+08	-	11.42	12.2

ENSG0000(RP11-1094 processed_ chr17	35498218	35499175	+	0	0
ENSG0000(CTD-2623N unprocessε chr19	9756152	9756863	-	0.93	1.02
ENSG0000(RP11-712C processed_ chr18	11552366	11552847	+	0	0
ENSG0000(AC005330. lincRNA chr19	1321225	1322846	+	0	0
ENSG0000(CTD-2231E lincRNA chr19	16103761	16104254	-	0	0
ENSG0000(RP11-244M lincRNA chr18	39206924	39800318	-	0.02	0
ENSG0000(CTB-186G2 antisense chr19	38683873	38693606	-	0	0
ENSG0000(ATP5LP6 processed_ chr17	76202644	76202796	-	0	0
ENSG0000(CTC-400I9. lincRNA chr19	30946582	30957192	+	0	0
ENSG0000(CTC-548K1 antisense chr19	14402717	14408723	-	0	0
ENSG0000(RP11-325K transcribec chr18	60611773	60654623	+	0	0
ENSG0000(CTC-260E6 antisense chr19	20125377	20321305	-	1.64	1.04
ENSG0000(SMCO4P1 processed_ chr17	44645411	44645587	+	0	0
ENSG0000(CTB-50L17. protein_co chr19	4528427	4540067	-	0	0.17
ENSG0000(CTD-2240E antisense chr19	10089032	10090377	-	0	0
ENSG0000(AF038458. lincRNA chr19	35960512	35964063	+	0	0
ENSG0000(CTC-459F4 unprocessε chr19	27892495	27898927	-	0	0
ENSG0000(RP11-635N antisense chr18	63367328	63381629	+	2.29	1.89
ENSG0000(RP11-1151 lincRNA chr18	58446275	58453766	+	0.02	0
ENSG0000(CYP4F9P unprocessε chr19	15979835	15999020	-	0	0
ENSG0000(RP11-691H antisense chr18	13362203	13366243	-	0	0
ENSG0000(CTB-175E5 antisense chr17	44198882	44216565	+	0	0
ENSG0000(AC074212. antisense chr19	45767796	45772504	+	0.86	1.71
ENSG0000(RP11-845C antisense chr18	58398663	58400082	-	0	0
ENSG0000(RP11-873E lincRNA chr18	35716370	35717978	+	0	0
ENSG0000(AC006130. processed_ chr19	2874950	2875592	-	0	0
ENSG0000(RP11-456C lincRNA chr18	56061109	56063078	-	0	0
ENSG0000(RP11-325K processed_ chr18	60495868	60496336	-	0	0
ENSG0000(RP11-396N lincRNA chr18	60294151	60301118	+	0	0
ENSG0000(TCF4-AS2 antisense chr18	55492175	55496392	+	0	0
ENSG0000(RP11-49I11 processed_ chr18	36273574	36274599	+	0	0
ENSG0000(CTC-296K1 lincRNA chr17	44794747	44797783	-	0.24	0
ENSG0000(CTD-2189E lincRNA chr19	14267807	14269377	-	0	0
ENSG0000(CTD-2050I. lincRNA chr19	31542039	31554797	+	0	0
ENSG0000(CTB-50L17. unprocessε chr19	4621194	4622307	+	0	0
ENSG0000(RP11-567M lincRNA chr18	79610747	79612303	+	0	0
ENSG0000(CTC-265F1. sense_intrε chr19	2610155	2611862	-	0	0
ENSG0000(LINC01901 lincRNA chr18	39841174	39924840	-	0	0
ENSG0000(RP11-456K lincRNA chr18	44676927	44679717	-	0.08	0.15
ENSG0000(CTC-503J8. transcribec chr19	6176256	6176442	-	0	0
ENSG0000(CTD-2319I. lincRNA chr17	60079309	60088695	+	0.09	0.21
ENSG0000(CTC-239J1ε antisense chr19	13013662	13014511	-	0.14	0
ENSG0000(ELOCP29 processed_ chr19	9182369	9183048	-	0	0
ENSG0000(CTC-559E9 transcribec chr19	19776602	19836073	+	0.56	1.05
ENSG0000(RP11-527L. lincRNA chr17	43927563	43932622	+	0	0

ENSG0000(AC005498. lincRNA chr19	56536156	56538575	-	0	0.72
ENSG0000(CTD-2554C transcribec chr19	37779686	37792865	+	0	0
ENSG0000(AC005616. lincRNA chr19	28509238	28518728	+	0	0.42
ENSG0000(CTD-2265C antisense chr19	12825711	12832983	+	0	0
ENSG0000(LINC01928 lincRNA chr18	11454478	11465996	+	0	0
ENSG0000(RP11-552F protein_co chr17	75898645	75930129	-	0	0.39
ENSG0000(RP11-289E processed_ chr18	54566997	54567303	+	0	0
ENSG0000(AC006116. sense_intr chr19	56347081	56348183	-	0.06	0.18
ENSG0000(RP11-635N processed_ chr18	63415317	63416469	-	0.05	0
ENSG0000(DNAH17-A processed_ chr17	78484882	78503056	+	0.07	0.03
ENSG0000(CTD-2057D unprocess chr19	29901696	29901869	-	0	0
ENSG0000(AC005786. antisense chr19	3544199	3557569	+	0.25	0
ENSG0000(CTC-454I21 antisense chr19	37128679	37141640	-	0	0
ENSG0000(AC002398. antisense chr19	35747057	35753415	-	0	0
ENSG0000(CTC-501O1 lincRNA chr17	43680273	43705884	+	0.13	0
ENSG0000(RP1-37N7.1 processed_ chr17	18388871	18389459	+	0	0
ENSG0000(AC010641. lincRNA chr19	397589	399173	+	0	0
ENSG0000(SMUG1P1 processed_ chr18	49650350	49651160	+	0	0
ENSG0000(CTB-39G8.1 lincRNA chr17	45371402	45372057	-	0	0
ENSG0000(AC010649. antisense chr19	3296765	3303003	-	0	0
ENSG0000(RP11-264B antisense chr17	61069856	61070356	-	0	0
ENSG0000(OR1AB1P processed_ chr19	16051929	16052689	+	0	0
ENSG0000(LINC02073 lincRNA chr17	51435427	51445802	+	0	0.06
ENSG0000(LINC01835 transcribec chr19	15851993	15864904	-	0	0
ENSG0000(ZNF582-AS lincRNA chr19	56393656	56399172	+	0.85	0.5
ENSG0000(RP11-78A1 antisense chr18	11810406	11811484	-	0	0
ENSG0000(RP11-49I11 processed_ chr18	36278735	36279119	-	0	0
ENSG0000(RP5-837J1. lincRNA chr17	35073831	35074374	-	0	0.15
ENSG0000(CTC-425F1 antisense chr19	12944118	12944487	-	0.45	0
ENSG0000(AC006116. transcribec chr19	56377037	56377792	-	0.17	0.09
ENSG0000(RP11-120M lincRNA chr17	68557516	68582577	+	0	0
ENSG0000(RP11-866E lincRNA chr18	60010281	60014258	+	0.02	0.04
ENSG0000(UBE2V2P2 processed_ chr17	78066258	78066761	-	0	0
ENSG0000(AC011525. lincRNA chr19	31588196	31593781	+	0	0
ENSG0000(RP11-13K1 lincRNA chr17	77563368	77568695	-	0	0
ENSG0000(APOC4 protein_co chr19	44942238	44945496	+	0	0
ENSG0000(AC005944. antisense chr19	3052910	3053724	+	0.25	0.14
ENSG0000(ZNF571-AS antisense chr19	37548914	37587348	+	0.23	0.34
ENSG0000(RP11-1058 processed_ chr17	70628917	70629265	-	0	0
ENSG0000(LOC440461 processed_ chr17	68198921	68199596	+	0	0
ENSG0000(CTC-548K1 sense_intr chr19	14458401	14459366	+	0.28	0.31
ENSG0000(CTD-2538C lincRNA chr19	32687089	32691750	-	1.38	1.79
ENSG0000(RP11-126C antisense chr18	58672613	58752730	-	0	0
ENSG0000(CTC-398G3 protein_co chr19	11466240	11505698	-	0	0
ENSG0000(RP11-815J.4 processed_ chr18	12091674	12093141	-	0	0

ENSG0000(RP11-7031)	antisense	chr18	12031178	12032181	-	0	0
ENSG0000(CTC-559E9)	sense_intr	chr19	19788755	19790531	-	0.27	0.15
ENSG0000(RNY4P13)	unprocess	chr17	30059054	30059147	-	0	0
ENSG0000(CTC-518P1)	antisense	chr19	4838332	4838907	+	0.29	0
ENSG0000(GLUD1P4)	processed_	chr18	59778572	59778989	+	0	0
ENSG0000(RP11-640A)	processed_	chr18	62418318	62418576	+	0	0
ENSG0000(LINC01837)	lincRNA	chr19	31859103	32072082	-	0	0
ENSG0000(CTD-3116E)	unprocess	chr19	9724008	9725086	-	0	0
ENSG0000(CTD-2373H)	antisense	chr17	78903263	78905024	+	0	0
ENSG0000(RP1-37N7.)	processed_	chr17	18453574	18453739	-	0	0
ENSG0000(CIRBP-AS1)	antisense	chr19	1267814	1270241	-	0.68	0.61
ENSG0000(FAM215A)	lincRNA	chr17	43917194	43917985	+	0.09	0.19
ENSG0000(NFE2L3P1)	processed_	chr18	59969438	59971396	+	0	0
ENSG0000(CTB-32O4.)	lincRNA	chr19	29213235	29215815	+	0.28	0.1
ENSG0000(ZNF887P)	transcribec	chr19	11648364	11652877	+	0.07	0.14
ENSG0000(RP11-108P)	lincRNA	chr18	58754859	58757842	-	0	0
ENSG0000(RP11-53B2)	antisense	chr18	13561399	13565035	-	0	0
ENSG0000(RP11-845C)	sense_intr	chr18	58371566	58372666	+	0	0
ENSG0000(CTC-296K1)	lincRNA	chr17	44793199	44794474	+	0	0
ENSG0000(RP11-13K1)	lincRNA	chr17	77546940	77563243	+	0	0
ENSG0000(CTD-2587H)	processed_	chr19	55119250	55120383	-	0	0
ENSG0000(ZNF285)	protein_co	chr19	44382298	44401608	-	3.01	1.98
ENSG0000(CTD-2043I)	lincRNA	chr19	28065267	28125430	+	0	0
ENSG0000(CTC-325H2)	antisense	chr19	9291515	9294482	+	0.22	0
ENSG0000(ADAD1P2)	processed_	chr18	50063795	50064440	+	0	0
ENSG0000(CTC-250I14)	antisense	chr19	13139617	13141147	-	0	0
ENSG0000(HMGN1P3)	processed_	chr18	60794613	60794916	-	0	0
ENSG0000(RP11-861E)	processed_	chr18	12450447	12451042	+	0.23	0.13
ENSG0000(LINC01855)	lincRNA	chr19	16065737	16066312	+	0	0
ENSG0000(RP11-794C)	processed_	chr17	76345761	76346081	+	0	0
ENSG0000(CTD-3252C)	lincRNA	chr19	13834516	13836289	-	7.57	5.8
ENSG0000(RP11-373L)	3prime_ov	chr2	60925909	60931610	+	2.41	2.72
ENSG0000(RP11-87G2)	lincRNA	chr17	76957023	76958222	-	0	0
ENSG0000(LINC01864)	lincRNA	chr19	56066684	56078801	+	0	0
ENSG0000(CTD-2537I)	antisense	chr19	55661901	55674715	-	0	0
ENSG0000(RPSAP57)	processed_	chr18	54744750	54745581	+	0	0
ENSG0000(RP11-178C)	processed_	chr17	60063004	60064782	-	0	0
ENSG0000(AC011524)	lincRNA	chr19	28883430	28953245	+	0.27	0
ENSG0000(RP11-53B2)	processed_	chr18	13471012	13472709	-	0	0
ENSG0000(LINC01836)	lincRNA	chr19	782755	785080	+	0.19	0.53
ENSG0000(MIR497HG)	antisense	chr17	7015818	7019659	-	0.18	0.41
ENSG0000(RP11-815J4)	processed_	chr18	12067173	12068417	-	0	0
ENSG0000(S1PR2)	protein_co	chr19	10221435	10231272	-	5.32	5.28
ENSG0000(LINC00868)	lincRNA	chr17	76850176	76861836	+	0	0
ENSG0000(AC005394)	lincRNA	chr19	28602379	28648303	-	0	0

ENSG0000(MTCO2P2 processed_ chr18	47853233	47853457	-	0	0
ENSG0000(RP11-666A sense_intr chr17	76549951	76550826	+	0.43	1.23
ENSG0000(AC007229. processed_ chr19	10841839	10842250	+	0	0
ENSG0000(AC005779. protein_co chr19	45179822	45202444	+	0.13	0
ENSG0000(RP11-666A antisense chr17	76545668	76557683	-	1.76	0.47
ENSG0000(RP11-686D lincRNA chr17	35403837	35404373	-	0.95	1.04
ENSG0000(AC006116. antisense chr19	56314703	56341287	+	0	0.08
ENSG0000(CTC-482H1 antisense chr19	5178119	5178464	+	0	0
ENSG0000(AC005264. antisense chr19	3141576	3155175	-	0	0
ENSG0000(CTD-2528L protein_co chr19	37689865	37719188	-	0	0
ENSG0000(RP11-686D processed_ chr17	35470069	35470628	-	0	0
ENSG0000(CTD-2085J. antisense chr19	32831295	32833168	+	0	0
ENSG0000(CTC-379B2 antisense chr19	32666298	32673210	+	0	0
ENSG0000(RP11-618K processed_ chr18	45788530	45788670	+	0	0
ENSG0000(RP11-383M lincRNA chr9	81930226	81977089	-	0.07	0
ENSG0000(RP11-173A antisense chr18	62300036	62300998	-	0	0
ENSG0000(RP5-1052I5 protein_co chr1	86993009	87169204	+	0.31	0.95
ENSG0000(CTC-503J8. antisense chr19	6259157	6259799	+	0	0
ENSG0000(RP11-128P lincRNA chr18	11447756	11489369	-	0	0
ENSG0000(CTC-559E9 antisense chr19	19892433	19895847	-	0.21	0
ENSG0000(CTD-2538C lincRNA chr19	32718298	32719595	-	0	0
ENSG0000(RP11-87G2 processed_ chr17	76950317	76969156	-	0	0
ENSG0000(STK25P1 processed_ chr18	12911186	12912023	+	0	0
ENSG0000(AC104532. antisense chr19	5911578	5913899	-	0	0.13
ENSG0000(KRT8P5 processed_ chr18	44320800	44322257	-	0	0
ENSG0000(CTC-525D6 lincRNA chr19	29448038	29448380	+	0	0
ENSG0000(CTC-459F4 lincRNA chr19	27793463	27918863	+	3.47	2.82
ENSG0000(CTC-510F1. sense_intr chr19	11322156	11324195	+	0	0
ENSG0000(CTD-2587H antisense chr19	55158939	55177540	+	0.24	0.11
ENSG0000(RP11-126C antisense chr18	58557070	58566677	+	0	0
ENSG0000(CTD-2540B antisense chr19	33299934	33301168	+	0	0
ENSG0000(CTC-559E9 lincRNA chr19	19761038	19821716	-	0.18	0
ENSG0000(CTD-3252C antisense chr19	13796574	13796933	-	0	0
ENSG0000(RP11-322E lincRNA chr18	35443869	35467088	-	0	0
ENSG0000(RP11-115P processed_ chr18	34573987	34574523	-	0	0
ENSG0000(LINC00907 lincRNA chr18	42159283	42691422	+	0	0.04
ENSG0000(RP11-687F processed_ chr18	46852632	46853882	-	0	0
ENSG0000(CTC-232P5 processed_ chr19	6072823	6073527	+	0	0
ENSG0000(NDUFA3P1 processed_ chr19	44297104	44297355	+	0	0
ENSG0000(RP11-689E processed_ chr18	50098742	50099162	+	0	0
ENSG0000(CTC-507E2 processed_ chr17	35596904	35597128	-	0	0
ENSG0000(LINC01926 lincRNA chr18	58813880	58834364	+	0	0
ENSG0000(CYP4F24P unprocessε chr19	15760241	15779909	-	0	0
ENSG0000(RP11-242D unprocessε chr17	43168170	43168249	-	0	0
ENSG0000(RPIAP1 processed_ chr18	61957273	61958014	-	0	0

ENSG0000(CTC-250I14 antisense	chr19	13153071	13154193	-	0	0
ENSG0000(CTD-2050I1 lincRNA	chr19	31465653	31466431	+	0	0
ENSG0000(RP11-323N antisense	chr17	78855478	78855844	+	0.24	1.35
ENSG0000(LINC01028 lincRNA	chr17	70051277	70068095	+	0	0
ENSG0000(RP5-905N1 antisense	chr17	43782804	43784682	-	0	0
ENSG0000(CTD-3220F lincRNA	chr19	37265939	37271518	-	0	0.12
ENSG0000(AC006116. lincRNA	chr19	56354493	56368053	-	0	0
ENSG0000(CTD-2369P antisense	chr19	10285801	10289019	-	0	0
ENSG0000(SNX33P1 processed_	chr19	16034776	16036537	-	0	0
ENSG0000(AC007787. antisense	chr19	13069792	13071374	-	0	0
ENSG0000(CTC-461H2 processed_	chr19	33051515	33051701	+	0	0
ENSG0000(CTD-3116E lincRNA	chr19	9730853	9731943	+	0	0
ENSG0000(AC138472. lincRNA	chr19	44536263	44536613	-	0	0
ENSG0000(RP11-552F antisense	chr17	75943832	75945142	+	0	0
ENSG0000(AC007795. lincRNA	chr19	28869796	28879170	+	0	0
ENSG0000(RAD51L3-R protein_co	chr17	35011349	35121493	-	0.1	0
ENSG0000(RP11-795H processed_	chr18	60196555	60198172	+	0	0
ENSG0000(AC022153. transcribec	chr19	27902595	27984743	+	0	0
ENSG0000(RP11-219G processed_	chr17	78211618	78211908	-	0	0
ENSG0000(RP11-1094 lincRNA	chr17	35561539	35562077	-	0	0
ENSG0000(AC002115. lincRNA	chr19	35608285	35612666	-	0	0
ENSG0000(RP11-905K lincRNA	chr18	35951803	35966118	-	0	0
ENSG0000(RP11-1136 antisense	chr18	79253577	79254856	-	0	0
ENSG0000(AC138430. processed_	chr19	19254748	19273369	-	0.47	0.44
ENSG0000(AC005758. transcribec	chr19	27918943	27929370	+	0	0
ENSG0000(CGB1 protein_co	chr19	49035610	49036895	-	0	0
ENSG0000(RP11-400F sense_intr	chr17	42509784	42511519	+	0.46	0.32
ENSG0000(CTB-5E10.3 antisense	chr19	13772118	13774118	-	0	0
ENSG0000(RPL7L1P5 processed_	chr17	44365014	44365751	-	0	0
ENSG0000(AC008992. lincRNA	chr19	31421997	31427302	+	0	0
ENSG0000(RP11-619I12 sense_intr	chr17	59784813	59785035	+	0	0
ENSG0000(RP11-546M antisense	chr17	44115912	44120595	+	0	0
ENSG0000(CTD-2554C transcribec	chr19	37817359	37832160	+	0.13	0.13
ENSG0000(BNIP3P16 processed_	chr19	20175013	20177063	-	0	0
ENSG0000(RP11-258B lincRNA	chr18	33552123	33578187	-	0	0
ENSG0000(RP11-64C1 lincRNA	chr18	12200779	12201979	+	0	0
ENSG0000(CTD-2008P lincRNA	chr17	28219285	28220005	+	0	0
ENSG0000(POLR2J2 protein_co	chr7	1.03E+08	1.03E+08	-	19.99	22.26
ENSG0000(CTC-499B1 antisense	chr19	11796084	11798598	-	0	0
ENSG0000(MAP1LC3P processed_	chr18	54954403	54954732	+	0	0
ENSG0000(RP11-686D transcribec	chr17	35406948	35407818	-	0.59	1.11
ENSG0000(CTD-2587H lincRNA	chr19	55216660	55221616	+	0	0
ENSG0000(CTD-2553C antisense	chr19	9995997	9997163	+	0	0
ENSG0000(RP11-95O2 lincRNA	chr18	37234119	37236242	-	0	0
ENSG0000(RP11-188I12 processed_	chr18	41789162	41789395	-	0	0

ENSG0000(RP1-193H1 lincRNA chr17	69477139	69501755	-	0	0
ENSG0000(LINC01882 lincRNA chr18	12739490	12749421	-	0	0
ENSG0000(CTD-2286N sense_intronic chr18	79117207	79117920	+	0.28	0.2
ENSG0000(RP11-807E processed_ chr18	13139780	13140489	-	0	0
ENSG0000(RP11-358B lincRNA chr17	42154600	42155972	+	0	0
ENSG0000(LINC01482 lincRNA chr17	68591796	68763882	+	0	0.02
ENSG0000(RP11-820I1 processed_ chr18	11928838	11929476	+	0	0
ENSG0000(AC007796. antisense chr19	31348881	31417794	+	0.13	0
ENSG0000(RP11-64C1 processed_ chr18	12246589	12247055	+	0	0
ENSG0000(RPL17P45 processed_ chr18	40143926	40144504	-	0	0
ENSG0000(RP11-13K1 lincRNA chr17	77526998	77536592	+	0	0.08
ENSG0000(AC004156. lincRNA chr19	663482	669500	+	0.04	0.11
ENSG0000(RP11-136H antisense chr17	61130704	61135964	-	0	0
ENSG0000(RP11-824M transcribed chr18	59821040	59825261	+	0.45	0.35
ENSG0000(CTB-55O6. antisense chr19	14030855	14031557	-	0	0
ENSG0000(CTD-2293H sense_intronic chr19	37091341	37092564	+	0.04	0
ENSG0000(FDX2 protein_coding chr19	10310045	10316015	-	14.19	17.16
ENSG0000(RP11-813F lincRNA chr18	49739823	49742063	-	0	0
ENSG0000(RP11-1151 lincRNA chr18	58416765	58417628	+	0	0
ENSG0000(THA1P unitary_pseudogene chr17	78248493	78254416	-	0	0
ENSG0000(RP11-27G2 lincRNA chr18	59360700	59386749	+	0	0
ENSG0000(RP11-15E1 processed_ chr17	60562010	60562161	-	0	0
ENSG0000(EIF5AP2 processed_ chr17	78157403	78159135	+	0.06	0.06
ENSG0000(ZNF224 protein_coding chr19	44094339	44109886	+	10.03	8.37
ENSG0000(CTD-3199J. transcribed chr17	43144956	43145255	+	1.94	2.93
ENSG0000(CTD-3220F sense_intronic chr19	37337236	37337743	+	0.24	1.56
ENSG0000(AC008991. lincRNA chr19	28892931	28895949	+	0.16	0
ENSG0000(NTF6B unprocessed chr19	49038479	49039038	-	0	0
ENSG0000(RP11-795H lincRNA chr18	60125033	60161195	+	0	0
ENSG0000(RP11-325K processed_ chr18	60525616	60526156	-	0	0
ENSG0000(AC005262. antisense chr19	3121116	3122128	-	0	0
ENSG0000(AC010525. processed_ chr19	55705978	55706172	-	0	0
ENSG0000(LDLRAD4-A antisense chr18	13419421	13427480	-	0	0
ENSG0000(SHC1P2 processed_ chr17	44228760	44230228	-	0	0
ENSG0000(TAF9P3 processed_ chr19	30037285	30037411	+	0	0
ENSG0000(CTC-559E9 processed_ chr19	19768731	19768989	+	0	0
ENSG0000(RP11-691H antisense chr18	13461020	13470823	-	0	0
ENSG0000(RP11-1030 lincRNA chr18	50302190	50313595	+	0	0
ENSG0000(ERVK-28 lincRNA chr19	27638483	27646483	-	0	1.02
ENSG0000(LUZP6 protein_coding chr7	1.36E+08	1.36E+08	-	20.37	19.34
ENSG0000(AC002116. antisense chr19	36014508	36045972	+	0	0
ENSG0000(RP11-729L. protein_coding chr18	50968019	51058144	+	0.17	0
ENSG0000(RP11-53B2 sense_intronic chr18	13486462	13490676	+	0.03	0.01
ENSG0000(CTD-2013N antisense chr19	16440946	16443584	+	0	0
ENSG0000(FRG2LP processed_ chr18	14137710	14139272	+	0	0

ENSG0000(RP11-108P lincRNA chr18	58752179	58753898	-	0	0
ENSG0000(CTD-2105E protein_co chr19	55352301	55359516	-	0	0
ENSG0000(RP11-95O2 antisense chr18	37243776	37247506	+	0.28	0
ENSG0000(RP11-147L unprocessε chr17	68152776	68159043	-	0	0
ENSG0000(AC024592. antisense chr19	5847467	5858239	+	0	0.05
ENSG0000(AC006116. protein_co chr19	56272769	56310450	+	0	0
ENSG0000(RP11-686D lincRNA chr17	35400878	35403006	-	0.22	0.48
ENSG0000(LINC01539 lincRNA chr18	56083356	56137536	-	0	0
ENSG0000(RP11-10I6. transcribec chr18	50669510	50670215	+	0	0
ENSG0000(CTD-2540B antisense chr19	33217817	33221170	+	0	0
ENSG0000(AC083760. processed_ chr18	44039471	44040140	+	0	0
ENSG0000(SRSF10P1 processed_ chr18	51158282	51159383	-	0	0
ENSG0000(LINC02078 lincRNA chr17	79707266	79712317	+	0.06	0.01
ENSG0000(RP11-815J4 lincRNA chr18	12081540	12085267	+	0	0
ENSG0000(CTD-2189E lincRNA chr19	14254189	14293205	-	0.33	0.12
ENSG0000(RP11-49K2 antisense chr18	47105946	47108062	+	0	0
ENSG0000(CTC-461H2 processed_ chr19	33067175	33067433	+	0	0
ENSG0000(CTD-2526N lincRNA chr18	57169615	57171194	-	0	0
ENSG0000(CTD-2540B antisense chr19	33301279	33301940	+	0.32	0.7
ENSG0000(AC010761. antisense chr17	28727258	28727739	+	0	0
ENSG0000(RP11-147L. lincRNA chr17	68189884	68192802	+	0.07	0.01
ENSG0000(RP11-456C lincRNA chr18	56138612	56143221	+	0	0
ENSG0000(RP11-64C1 transcribec chr18	12201982	12223539	+	0	0
ENSG0000(RP4-604K5 antisense chr1	86932199	86934891	-	0	0
ENSG0000(CTD-2265C antisense chr19	12880969	12884088	+	0	0
ENSG0000(HMGB2P1 transcribec chr19	1203209	1203842	+	0.11	0.12
ENSG0000(AC061992. lincRNA chr17	78315729	78347798	+	0.53	0.44
ENSG0000(AC024592. protein_co chr19	5866171	5903787	-	2.61	1.53
ENSG0000(UBE2L4 processed_ chr19	9774497	9774960	+	0	0
ENSG0000(FAM60CP processed_ chr18	60016778	60017441	-	0	0
ENSG0000(RP11-718I1 antisense chr18	58189834	58195696	-	0	0
ENSG0000(RP11-799D transcribec chr17	35190961	35191702	+	0	0
ENSG0000(RP11-686D processed_ chr17	35406684	35409768	-	1.37	1.77
ENSG0000(RP11-379L. antisense chr18	34222965	34224761	+	0	0
ENSG0000(RP11-392C antisense chr17	43544785	43610338	+	0	0
ENSG0000(CTB-102L5. protein_co chr19	38289151	38304910	+	0.18	0
ENSG0000(CTC-265F1. sense_intrε chr19	2641838	2643853	-	0	0
ENSG0000(RUNDC3A- antisense chr17	44299574	44315315	-	0.48	0.49
ENSG0000(AC009005. antisense chr19	567210	572228	-	0.47	1.27
ENSG0000(RPS10P27 processed_ chr18	23672253	23672748	-	0	0
ENSG0000(AC004623. antisense chr19	1376773	1377520	-	0	0
ENSG0000(RP11-411B unprocessε chr18	14074912	14075741	-	0.06	0
ENSG0000(EML2-AS1 processed_ chr19	45641494	45642840	+	3.12	2.27
ENSG0000(RP11-358B antisense chr17	42268587	42269807	+	0	0
ENSG0000(CTC-565M4. lincRNA chr19	30665274	30668647	-	0	0

ENSG00000100000	CTD-2130C lincRNA	chr18	47285725	47594550	+	0	0
ENSG00000100000	RP11-426J1. antisense	chr18	48673575	48688419	-	0	0
ENSG00000100000	RP11-484L1. antisense	chr18	48826051	48834770	-	0	0
ENSG00000100000	CTD-3193K antisense	chr17	42683187	42699466	-	0	0
ENSG00000100000	RP11-299P sense_intronic	chr18	63151114	63151320	-	0	0
ENSG00000100000	LINC01801 lincRNA	chr19	34788582	34832869	-	0	0
ENSG00000100000	CTC-459F4 processed_transcript	chr19	27908356	27908554	-	0	0
ENSG00000100000	CTB-50L17. antisense	chr19	4454014	4455286	+	0	0
ENSG00000100000	RP11-559N processed_transcript	chr17	78522247	78522828	+	0	0
ENSG00000100000	CTC-260E6 unprocessed_transcript	chr19	20206844	20206954	-	0	0
ENSG00000100000	LINC01999 lincRNA	chr17	60564547	60586623	+	0	0
ENSG00000100000	RP11-677C unprocessed_transcript	chr18	11644336	11644824	+	0	0
ENSG00000100000	RP11-2N11.1. antisense	chr18	59696459	59698111	+	0.61	0.86
ENSG00000100000	OR7E16P unprocessed_transcript	chr19	9191286	9192170	+	0	0
ENSG00000100000	AC006116. sense_intronic	chr19	56376704	56377284	-	0	0
ENSG00000100000	LINC01791 lincRNA	chr19	31167516	31207663	+	0	0
ENSG00000100000	AC004221. lincRNA	chr19	1238179	1239522	+	0.15	0
ENSG00000100000	LINC01533 lincRNA	chr19	32025862	32056865	+	0	0
ENSG00000100000	RP11-154H lincRNA	chr18	79792726	79816529	+	0	0
ENSG00000100000	SLC25A36P processed_transcript	chr19	56386226	56386690	+	0	0
ENSG00000100000	RP11-799D antisense	chr17	35164243	35167012	-	0	0
ENSG00000100000	CTB-55O6. antisense	chr19	14119106	14119537	+	0	0
ENSG00000100000	RP11-171I2 antisense	chr2	1.79E+08	1.79E+08	+	0	0
ENSG00000100000	AF038458. lincRNA	chr19	35947115	35959192	+	0	0
ENSG00000100000	RP11-35G9 antisense	chr18	57639455	57738044	+	0.27	0.24
ENSG00000100000	CTD-2534I1. lincRNA	chr17	44982514	44982772	+	0	0
ENSG00000100000	CTD-2526N lincRNA	chr18	57136322	57146998	-	0	0
ENSG00000100000	LINC01987 lincRNA	chr17	77722872	77728559	-	0	0
ENSG00000100000	CTD-2659N antisense	chr19	12688922	12689238	+	0	0
ENSG00000100000	WBP1LP11 processed_transcript	chr19	145485	145812	+	0	0
ENSG00000100000	RP11-576C transcribed_unit	chrY	19598188	19598757	+	0.37	0.55
ENSG00000100000	RP11-677C processed_transcript	chr18	11618208	11618315	+	0	0
ENSG00000100000	SMIM22 protein_coding	chr16	4788397	4796491	+	0	0
ENSG00000100000	LIN37 protein_coding	chr19	35748361	35754519	+	6.24	4.36
ENSG00000100000	NRBF2P1 processed_transcript	chr18	35841759	35842617	+	0	0
ENSG00000100000	MAN1A2P1 processed_transcript	chr19	28790812	28792871	-	0	0
ENSG00000100000	RP11-49K2 processed_transcript	chr18	47137018	47137290	+	0	0
ENSG00000100000	RP11-552F antisense	chr17	75876372	75879546	+	0.02	0
ENSG00000100000	AC018755. lincRNA	chr19	51599289	51600470	+	0.1	0.06
ENSG00000100000	NDUFV2P1 processed_transcript	chr19	53223973	53224879	-	1.47	2.2
ENSG00000100000	RP11-727F antisense	chr11	62771120	62771606	-	0.31	0.86
ENSG00000100000	CTB-191K2 antisense	chr19	50310022	50310539	-	0	0
ENSG00000100000	CTC-471J1. processed_transcript	chr19	52130548	52171533	-	0.46	0.31
ENSG00000100000	Y_RNA misc_RNA	chr7	75297990	75298091	-	0	0
ENSG00000100000	RP11-167N lincRNA	chr9	1.29E+08	1.29E+08	-	5.31	6.22

ENSG0000(AC008746. lincRNA	chr19	54438665	54439544	-	0.21	0.7
ENSG0000(CTB-133G6 antisense	chr19	7390522	7395039	-	0.25	0.55
ENSG0000(NDUFA7 protein_co	chr19	8308768	8321396	-	32.33	39.08
ENSG0000(RP5-1023B lincRNA	chr21	45100487	45101094	-	0	0
ENSG0000(MZF1-AS1 antisense	chr19	58559129	58574797	+	2.32	1.07
ENSG0000(RP11-120K lincRNA	chr13	1.13E+08	1.13E+08	-	0	0
ENSG0000(CTC-444N2 antisense	chr19	57267220	57280334	-	0.37	0.47
ENSG0000(RP11-157B lincRNA	chr19	22243254	22245347	-	0	0
ENSG0000(CTB-147C2 antisense	chr19	50968210	51012129	+	0	0
ENSG0000(AC011513. protein_co	chr19	41708612	41761282	+	0	0
ENSG0000(RP4-569M: antisense	chr20	47318502	47320754	+	0	0.03
ENSG0000(CTD-2291D lincRNA	chr19	23075201	23100361	+	0	0
ENSG0000(CTD-2126E lincRNA	chr19	50075123	50075902	+	0	0.85
ENSG0000(CTD-2540F antisense	chr19	38738284	38739863	+	0.04	0.14
ENSG0000(SIGLEC19P transcribed	chr19	51143826	51144196	+	0	0
ENSG0000(CTD-2639E lincRNA	chr19	48963975	48965158	+	0	0
ENSG0000(CTC-429P9 sense_intr	chr19	16639967	16640668	-	1.59	0.58
ENSG0000(CTD-2616J: antisense	chr19	51340695	51344117	+	0	0
ENSG0000(ZSCAN5DP unprocess	chr19	56244043	56247482	+	0	0
ENSG0000(CCDC177 protein_co	chr14	69569816	69574837	-	0.03	0.03
ENSG0000(RP11-256I: lincRNA	chr2	2.2E+08	2.2E+08	+	0	0
ENSG0000(SNX6P1 processed_ch	chr19	23126569	23127792	-	0	0
ENSG0000(AC007193. lincRNA	chr19	46101122	46196218	+	0	0
ENSG0000(RP11-255H lincRNA	chr19	23817599	23874701	-	0	0
ENSG0000(CTD-2525I: antisense	chr19	52171158	52177002	+	0	0
ENSG0000(CTB-176F2 antisense	chr19	23323968	23329101	+	0	0
ENSG0000(EIF1P6 unprocess	chr19	4347780	4349061	-	0	0
ENSG0000(CTD-2325N lincRNA	chr19	8008729	8016025	+	2.47	4.84
ENSG0000(RP11-290F lincRNA	chr11	6201901	6203253	-	0.21	0.24
ENSG0000(CTD-2620I: lincRNA	chr19	53007512	53013180	+	0	0
ENSG0000(CTD-2207C protein_co	chr19	7507052	7519622	+	0	1.23
ENSG0000(MIR3188 miRNA	chr19	18282077	18282161	+	0	0
ENSG0000(OR10B1P unprocess	chr19	15141132	15142038	-	0	0
ENSG0000(AC011523. antisense	chr19	50830530	50851089	+	0	0
ENSG0000(MAGEA9B protein_co	chrX	1.5E+08	1.5E+08	-	0	0
ENSG0000(AC007292. antisense	chr19	4363789	4364640	+	0.09	0.29
ENSG0000(CTD-2616J: antisense	chr19	51345169	51353293	+	0	0.82
ENSG0000(AC130469. antisense	chr19	8581160	8582715	+	0	0
ENSG0000(CTD-3187F unprocess	chr19	51137970	51138634	+	0	0
ENSG0000(CTB-189B5 antisense	chr19	39030436	39031323	+	0	0
ENSG0000(CARD8-AS1 antisense	chr19	48255675	48258199	+	0.43	0.22
ENSG0000(PTOV1-AS1 antisense	chr19	49838639	49851676	-	0.39	0.5
ENSG0000(SSX4 protein_co	chrX	48383516	48393347	+	0	0
ENSG0000(CTD-2525I: antisense	chr19	52222225	52231294	-	0	0
ENSG0000(OR4G4P unprocess	chr1	52473	53312	+	0	0

ENSG0000(AC006129. lincRNA	chr19	41545192	41555462	+	0	0
ENSG0000(AC005253. antisense	chr19	18557775	18561560	-	0	0.17
ENSG0000(AC005795. processed_	chr19	41506152	41506898	+	0	0
ENSG0000(AC007228. transcribed	chr19	56613810	56613951	+	0	0
ENSG0000(LINC01785 lincRNA	chr19	22615557	22623971	-	0	0
ENSG0000(CTD-2575K protein_co	chr19	41907705	41928516	-	0.03	0.06
ENSG0000(NBPF12 protein_co	chr1	1.47E+08	1.47E+08	+	5.33	6.52
ENSG0000(AC018766. antisense	chr19	49852887	49854967	-	0	0
ENSG0000(CTD-2619J. antisense	chr19	58357999	58359603	+	1.03	0.91
ENSG0000(RP11-247A antisense	chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(CTC-244M: sense_intr	chr19	37963853	37964790	+	0.63	0.99
ENSG0000(CTC-344H1 processed_	chr19	46111079	46113863	-	0	0
ENSG0000(AC067969. antisense	chr19	38535517	38537128	-	0	0
ENSG0000(CTD-3032J. antisense	chr19	17152588	17168051	-	0	0
ENSG0000(BNIP3P40 processed_	chr19	24098425	24098980	-	0	0
ENSG0000(NAPA-AS1 antisense	chr19	47484282	47501597	+	0.68	0.14
ENSG0000(TOP1P1 processed_	chr1	1.71E+08	1.71E+08	-	0	0
ENSG0000(FMR1-AS1 processed_	chrX	1.48E+08	1.48E+08	-	0.02	0.04
ENSG0000(OR5AH1P transcribed	chr19	56760933	56761215	+	0	0
ENSG0000(RP5-1057I2 antisense	chr12	47784923	47786002	+	0.11	0
ENSG0000(AC006539. processed_	chr19	20033444	20034332	+	0	0
ENSG0000(RPL22P5 processed_	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-805I2 lincRNA	chr16	86158206	86158798	-	0	0
ENSG0000(BNIP3P30 processed_	chr19	22203128	22204003	+	0	0
ENSG0000(RP11-388K processed_	chr8	93229659	93229916	+	0	0
ENSG0000(RP11-678G antisense	chr19	21554640	21569237	-	0	0
ENSG0000(AC104534. protein_co	chr19	38817471	38840178	-	0	0
ENSG0000(CTC-429P9 lincRNA	chr19	16610411	16636531	+	0	0
ENSG0000(AC093063. transcribed	chr19	39693925	39696258	+	0	0
ENSG0000(GABRQ protein_co	chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(AC022154. antisense	chr19	48619272	48624132	-	0	0
ENSG0000(ZNF649-AS antisense	chr19	51888025	51900463	+	0.12	0
ENSG0000(ZNF725P unprocess	chr19	23492428	23512656	-	0	0
ENSG0000(CYP2G2P unprocess	chr19	41050449	41062444	-	0	0
ENSG0000(SLC6A14 protein_co	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-369G processed_	chr19	23125665	23128543	+	1.38	0.92
ENSG0000(AC003005. protein_co	chr19	57487718	57505381	+	0	0
ENSG0000(CTB-60B18 antisense	chr19	49060613	49061132	+	0.14	0.94
ENSG0000(CTD-3149D antisense	chr19	17727840	17734513	-	0	0.84
ENSG0000(RP11-157B processed_	chr19	22130325	22130489	+	0	0
ENSG0000(VN1R84P unprocess	chr19	21719801	21720035	-	0	0
ENSG0000(CTD-2561J. processed_	chr19	21444241	21463908	-	0	0.08
ENSG0000(CTD-3193C lincRNA	chr19	7870561	7871296	+	0	0
ENSG0000(RP11-91G2 lincRNA	chr3	1.43E+08	1.43E+08	-	0.25	0.56
ENSG0000(AC003002. protein_co	chr19	57363566	57398584	+	0.43	0

ENSG0000(PCGF7P	processed_ chr19	22137931	22138981	+	0	0
ENSG0000(NIFKP6	processed_ chr19	51396755	51403526	-	0	0
ENSG0000(VN1R91P	unprocessε chr19	23290849	23291017	+	0	0
ENSG0000(CTD-3193C	antisense_ chr19	7912648	7913518	-	0	0
ENSG0000(AC005176.	transcribec chr19	39638685	39642401	+	0.06	0.03
ENSG0000(Metazoa_S	misc_RNA_ chr1	1.55E+08	1.55E+08	-	0	0.44
ENSG0000(AC010524.	antisense_ chr19	49356152	49357769	+	0	0
ENSG0000(AC004076.	protein_co chr19	57437970	57477536	-	1.25	0
ENSG0000(RP11-5561	antisense_ chr7	1.43E+08	1.43E+08	-	0.03	0
ENSG0000(AC007192.	protein_co chr19	18153158	18178117	+	0	0
ENSG0000(BNIP3P22	processed_ chr19	20416514	20417069	+	0	0
ENSG0000(RP11-73B2	processed_ chr7	63396341	63399250	-	0	0
ENSG0000(SMIM17	protein_co chr19	56643145	56655766	+	0	0.06
ENSG0000(RP11-420K	lincRNA_ chr19	21768772	21793860	-	0	0
ENSG0000(CTC-241F2	lincRNA_ chr19	48262900	48271283	-	0	0
ENSG0000(AC005785.	processed_ chr19	15379076	15381194	+	0.7	0.07
ENSG0000(CTD-2396E	antisense_ chr19	6494320	6495025	+	0	0
ENSG0000(AC002985.	protein_co chr19	18907013	18934397	-	0.36	0.25
ENSG0000(CTD-3137H	antisense_ chr19	18441419	18443597	+	0	0
ENSG0000(CTD-3138B	sense_intrε chr19	58266635	58267685	+	0	0
ENSG0000(CTD-2396E	antisense_ chr19	6494320	6494805	+	0	0
ENSG0000(CTD-3214H	antisense_ chr19	7633766	7636990	-	0	0
ENSG0000(CTC-444N2	lincRNA_ chr19	57304305	57308562	+	0.66	0.69
ENSG0000(RP11-6181	unprocessε chr4	69387580	69388307	+	0	0
ENSG0000(AC137932.	antisense_ chr16	89268104	89273044	+	0.06	0.05
ENSG0000(RP11-379K	antisense_ chr3	1.7E+08	1.7E+08	+	0	0
ENSG0000(OPN1MW	protein_co chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(EEF1A1P7	processed_ chr19	35382172	35384052	+	0.08	0
ENSG0000(ARL14EPL	protein_co chr5	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTD-2331H	unprocessε chr19	52861807	52864151	-	0.3	0.11
ENSG0000(CTD-2619J	processed_ chr19	58346854	58362751	-	0	0
ENSG0000(CTD-2560K	sense_intrε chr19	50555370	50557969	-	0	0
ENSG0000(FKBP4P6	processed_ chr9	42384805	42386136	+	0	0
ENSG0000(TCP11X1	transcribec chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(IGFL1P2	unprocessε chr19	46260420	46260858	-	0	0
ENSG0000(RP11-678G	lincRNA_ chr19	21587432	21594628	-	0	0
ENSG0000(RPS29P30	processed_ chr19	39644502	39644612	+	0	0
ENSG0000(AIRN	antisense_ chr6	1.6E+08	1.6E+08	-	0	0
ENSG0000(CTC-246B1	sense_ovei chr19	39314651	39320858	-	0	0.08
ENSG0000(AC003005.	lincRNA_ chr19	57477649	57482996	+	0	0.16
ENSG0000(SIGLEC29P	unprocessε chr19	51563797	51564910	-	0	0
ENSG0000(VN1R78P	unprocessε chr19	20583084	20583647	-	0	0
ENSG0000(RP11-420K	unprocessε chr19	21637974	21656300	+	0	0
ENSG0000(RP11-434D	protein_co chr3	14135217	14148252	+	0	0.2
ENSG0000(CTD-2620	processed_ chr19	53004040	53005150	+	0	0

ENSG0000(CTB-60B18 lincRNA	chr19	49064259	49064856	+	0.12	0
ENSG0000(RP11-98D1 antisense	chr1	1.52E+08	1.52E+08	-	0.14	0
ENSG0000(CTD-2528A antisense	chr19	17051994	17055087	+	0	0
ENSG0000(AC006547. antisense	chr22	20064552	20065705	-	0	0
ENSG0000(CTD-2623H processed_	chr19	58136713	58137054	+	0	0
ENSG0000(POLR3GP1 transcribed	chr14	91603173	91603433	-	0	0
ENSG0000(CTD-2579N lincRNA	chr19	22907086	22914289	-	0	0
ENSG0000(CLEC4GP1 unprocessed	chr19	7787549	7790621	+	0	0
ENSG0000(CTD-2619J. lincRNA	chr19	58400221	58400679	+	0	0
ENSG0000(CTD-3222D antisense	chr19	16551773	16552328	+	0	0
ENSG0000(AC006272. lincRNA	chr19	51839771	51840945	-	0	0
ENSG0000(LINC01872 lincRNA	chr19	51271266	51281234	+	0	0
ENSG0000(SCGB1C2 protein_co	chr17	137526	139067	+	0	0
ENSG0000(BNIP3P25 processed_	chr19	21318161	21318719	+	0	0
ENSG0000(LRRC2-AS1 antisense	chr3	46557398	46559694	+	0	0
ENSG0000(CTD-2542C lincRNA	chr19	20972262	20983210	+	0	0
ENSG0000(RP4-806M. lincRNA	chr20	58833809	58836529	-	0	0.17
ENSG0000(BNIP3P23 processed_	chr19	20443215	20443725	-	0	0
ENSG0000(SIGLEC20P unprocessed	chr19	51184905	51190809	+	0	0
ENSG0000(FAM156A protein_co	chrX	52926402	52995472	-	12.55	11.64
ENSG0000(AC007228. lincRNA	chr19	56672268	56684653	+	0	0
ENSG0000(AC006129. lincRNA	chr19	41531206	41532174	+	0	0
ENSG0000(VN1R81P unprocessed	chr19	21123817	21124188	+	0.48	1.05
ENSG0000(L34079.2 protein_co	chr19	43554692	43593036	-	0	0
ENSG0000(CTD-2017D lincRNA	chr19	24033445	24066909	+	0.76	0.92
ENSG0000(SMC5-AS1 antisense	chr9	70193997	70258866	-	0.34	0.17
ENSG0000(CTC-492K1 antisense	chr19	40443436	40444087	+	0	0
ENSG0000(CTD-2568A antisense	chr19	50792685	50793584	-	0	0
ENSG0000(CTC-360J1. processed_	chr19	57175233	57177921	+	0.03	0.03
ENSG0000(FENDRR lincRNA	chr16	86474529	86509099	-	0.13	0.14
ENSG0000(CTC-518B2 lincRNA	chr19	51043806	51052077	+	0	0
ENSG0000(MTCO3P42 processed_	chr4	49548918	49549435	-	0	0
ENSG0000(AC003682. lincRNA	chr19	57625032	57626950	+	0	0
ENSG0000(CTD-3214H protein_co	chr19	7629796	7643048	+	0.77	0
ENSG0000(CTC-344H1 lincRNA	chr19	46027654	46030161	+	0.29	0
ENSG0000(CTD-2371C antisense	chr11	9459556	9460702	-	1.71	1.48
ENSG0000(AC006115. processed_	chr19	56793048	56793249	-	0	0
ENSG0000(TRMT112P processed_	chr2	26028208	26028612	-	0	0
ENSG0000(CTD-2626C lincRNA	chr19	20746923	20755250	-	0.08	0.01
ENSG0000(AC011551. sense_intr	chr19	46547056	46600861	-	0.15	0
ENSG0000(MTDHP3 processed_	chr19	21677550	21678221	-	0	0
ENSG0000(AC011530. protein_co	chr19	45779437	45785973	-	0	0
ENSG0000(BNIP3P27 processed_	chr19	21826513	21827279	+	0	0
ENSG0000(EMG1 protein_co	chr12	6970921	6997428	+	6.69	7.6
ENSG0000(CTD-2027I. processed_	chr19	24162370	24163425	-	0	0

ENSG0000(SSX2B	protein_co	chrX	52751132	52790305	+	0.04	0.05
ENSG0000(RP11-359H	unprocessε	chr19	23596122	23598159	+	0	0
ENSG0000(CTC-471J1.	lincRNA	chr19	52142626	52144156	+	0	0
ENSG0000(AC006262.	processed_	chr19	46203426	46214837	+	0.02	0
ENSG0000(CTC-575C1	unprocessε	chr19	20389658	20390689	+	0	0
ENSG0000(CTC-273B1	protein_co	chr19	48465837	48472431	+	0	0
ENSG0000(BNIP3P38	processed_	chr19	23236308	23236851	+	0	0
ENSG0000(DKFZP434I	lincRNA	chr4	1.53E+08	1.53E+08	+	0.65	1.15
ENSG0000(RP11-356J	antisense	chr11	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-158I	processed_	chr16	86434830	86435884	-	0	0
ENSG0000(CTC-435M	antisense	chr19	41425359	41426237	+	0	0
ENSG0000(LINC01862	lincRNA	chr19	8630671	8638649	+	0	0
ENSG0000(RPL7AP69	processed_	chr19	57065334	57066139	+	0	0
ENSG0000(ABC7-4241	transcribec	chr13	18408806	18431605	+	0	0
ENSG0000(CTD-2587H	sense_intrε	chr19	54434183	54434665	+	0	0
ENSG0000(CTB-102L5	sense_intrε	chr19	38199836	38200934	+	0	0
ENSG0000(AC018755.	protein_co	chr19	51612091	51646889	-	0	0
ENSG0000(RP11-805I	lincRNA	chr16	86192793	86198913	-	0	0
ENSG0000(RP11-572B	antisense	chr3	5187172	5188298	-	0.05	0.06
ENSG0000(IFNL3P1	unprocessε	chr19	39236433	39237293	-	0	0
ENSG0000(CTD-3138B	antisense	chr19	58257270	58278808	-	1.31	1.62
ENSG0000(CTD-2545N	lincRNA	chr19	50486810	50487638	-	0	0
ENSG0000(CTD-2616J	sense_intrε	chr19	51361712	51365544	-	0	0
ENSG0000(VN1R83P	unprocessε	chr19	21289554	21289998	-	1.97	0
ENSG0000(CYP2T3P	unprocessε	chr19	41134722	41137308	+	0	0
ENSG0000(CTC-273B1	antisense	chr19	48465593	48469693	-	0.06	0
ENSG0000(RP11-32B5	lincRNA	chr15	21368459	21370621	+	0	0.06
ENSG0000(LINC02135	lincRNA	chr16	86286427	86293389	+	0	0
ENSG0000(AC004076.	protein_co	chr19	57394183	57438457	+	0	0
ENSG0000(MTDHP4	processed_	chr19	21709522	21710191	+	0	0
ENSG0000(AC005523.	lincRNA	chr19	4785120	4791207	-	0	0
ENSG0000(VN1R88P	unprocessε	chr19	22861303	22861594	+	0	0
ENSG0000(CTD-2619J	TEC	chr19	58418560	58419310	+	0.15	0.67
ENSG0000(VN1R107P	unprocessε	chr19	57459912	57460120	+	0	0
ENSG0000(RP11-678G	lincRNA	chr19	21570822	21587322	-	0	0
ENSG0000(CTD-2332E	lincRNA	chr19	20611559	20615389	+	0	0
ENSG0000(AC003956.	antisense	chr19	15124160	15126174	+	0	0
ENSG0000(AC005339.	antisense	chr19	4654964	4655524	-	0	0
ENSG0000(RP11-687D	lincRNA	chr18	38655209	38687998	-	0	0
ENSG0000(AC007228.	lincRNA	chr19	56672574	56673901	-	0	0
ENSG0000(RP11-158H	lincRNA	chr18	35280867	35290201	-	0.29	0.37
ENSG0000(RP1-283E3	processed_	chr1	1702736	1737688	-	1.18	1.08
ENSG0000(LINC01966	lincRNA	chr2	1.45E+08	1.45E+08	-	0	0
ENSG0000(SIGLEC18P	unprocessε	chr19	51119987	51122965	+	0	0.08
ENSG0000(AC005794.	processed_	chr19	41652676	41652963	+	0	0

ENSG0000(CTC-453G2 antisense chr19	48204083	48213154	+	0.13	0
ENSG0000(RP11-464F antisense chr10	73625996	73626790	+	0	0.18
ENSG0000(CTC-457E2 unprocessed chr19	22620483	22620724	+	0	0
ENSG0000(RAET1E-AS antisense chr6	1.5E+08	1.5E+08	+	0.2	0.49
ENSG0000(CTD-2611C processed_ chr19	55707550	55707855	+	0	0
ENSG0000(CTD-3187F antisense chr19	51251231	51271179	-	0	0
ENSG0000(RP11-157B lincRNA chr19	22259693	22261335	+	0	0
ENSG0000(VN1R80P unprocessed chr19	21063924	21064261	+	0	0
ENSG0000(AC115522. lincRNA chr19	43794309	43795658	-	0	0
ENSG0000(RP11-316C antisense chr2	2.19E+08	2.19E+08	-	0.32	0.59
ENSG0000(CTB-50E14 sense_intr chr19	42424384	42425071	-	0	0
ENSG0000(MAGEA2 protein_co chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(CTD-2207C protein_co chr19	7533595	7540059	+	0	0
ENSG0000(RP11-65J3. lincRNA chr9	1.29E+08	1.29E+08	+	0	0
ENSG0000(AC092316. antisense chr19	8549506	8550139	+	0	0
ENSG0000(AC078899. unprocessed chr19	20249052	20250295	+	0	0
ENSG0000(IGFL2-AS1 lincRNA chr19	46189166	46203083	-	0	0.06
ENSG0000(CTB-52I2.3 processed_ chr19	18040355	18041083	+	0	0
ENSG0000(RP1-122P2 lincRNA chr20	19756390	19758037	-	0.07	0
ENSG0000(TEX13A protein_co chrX	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-739B antisense chr11	77473371	77477030	+	0.03	0.03
ENSG0000(CTB-33G10 antisense chr19	49625994	49626439	-	0	0
ENSG0000(AC006486. protein_co chr19	42234583	42255132	-	0	0
ENSG0000(RP4-806M. lincRNA chr20	58817132	58817725	-	0.47	0.39
ENSG0000(AC068499. antisense chr19	18204730	18220480	+	0.95	0.08
ENSG0000(CTAG1A protein_co chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(CTD-3187F processed_ chr19	51194118	51195540	-	0	0
ENSG0000(MIMT1 lincRNA chr19	56840902	56848556	+	0	0
ENSG0000(CTB-60B18 protein_co chr19	49017496	49020523	-	0	0.09
ENSG0000(LINC00664 lincRNA chr19	21483374	21503238	+	0.05	0.04
ENSG0000(RP11-310J. sense_intr chr10	75642476	75643106	+	0	0
ENSG0000(LETM1P2 processed_ chr19	58044592	58046769	+	0	0
ENSG0000(WBP1LP6 processed_ chr1	674842	675265	+	0	0
ENSG0000(CTB-60B18 unprocessed chr19	49042174	49042731	+	0	0
ENSG0000(CTD-2622I. sense_intr chr19	4061615	4062749	-	0.59	0.75
ENSG0000(LLNLR-249I lincRNA chr19	15760375	15770828	+	0	0
ENSG0000(FAM231D protein_co KI270713.1	35407	35916	+	0	0
ENSG0000(CTB-33G10 antisense chr19	49688853	49690573	-	0	0
ENSG0000(CTC-444N2 antisense chr19	57350848	57352012	-	0.29	0.06
ENSG0000(COX6CP7 processed_ chr19	49502432	49502639	-	0	0
ENSG0000(CTD-2553L sense_intr chr19	34638122	34640689	-	0	0
ENSG0000(CTB-31C7.3 processed_ chr19	22362589	22362825	+	0	0
ENSG0000(AC010524. antisense chr19	49368705	49388081	-	0.05	0.05
ENSG0000(ZNF723P unprocessed chr19	22832201	22859422	+	0	0
ENSG0000(BNIP3P26 processed_ chr19	21521343	21521896	-	0	0

ENSG0000(RP11-247A lincRNA chr9	1.29E+08	1.29E+08	+	0.15	0.32
ENSG0000(CTD-2616J unprocessed chr19	51426347	51426668	-	0	0
ENSG0000(CTC-444N2 lincRNA chr19	57261354	57262738	+	0.54	0.37
ENSG0000(ARL14EPL protein_co chr5	1.16E+08	1.16E+08	+	0	0
ENSG0000(BNIP3P33 processed_ chr19	22457329	22458212	-	0	0
ENSG0000(CTC-444N2 processed_ chr19	57317208	57317562	-	0	0
ENSG0000(CTD-2105E antisense chr19	55312029	55312495	-	0	0
ENSG0000(CTD-2561J processed_ chr19	21381220	21381921	-	0	0
ENSG0000(CTB-61M7 lincRNA chr19	54890673	54891420	+	0	0
ENSG0000(MTCO3P39 processed_ chr4	49246021	49246538	+	0.14	0.31
ENSG0000(HSFX2 protein_co chrX	1.5E+08	1.5E+08	-	0	0.66
ENSG0000(CTC-518B2 antisense chr19	51014374	51014734	+	0	0
ENSG0000(CTD-2396E processed_ chr19	6552358	6554494	-	0	0
ENSG0000(CTD-2538C sense_intr chr19	16844025	16846473	+	0.24	0
ENSG0000(CTD-3105H protein_co chr19	12379189	12401274	-	0.07	0.14
ENSG0000(RP11-298J antisense chr6	41791410	41791477	+	0	0
ENSG0000(CTD-2571L lincRNA chr19	47607524	47733098	+	0	0
ENSG0000(CTD-3030D processed_ chr19	21276023	21276332	-	0	0.37
ENSG0000(CTD-2583A protein_co chr19	57819719	57858941	+	2.03	1.84
ENSG0000(SCGB1B2P lincRNA chr19	34576733	34577701	-	0.11	0.12
ENSG0000(LINC01081 lincRNA chr16	86225580	86275745	-	0	0
ENSG0000(AC104534 antisense chr19	38820166	38823223	+	0	0
ENSG0000(ADGRE4P transcribed chr19	6952500	6997872	-	0	0
ENSG0000(CTC-450M antisense chr19	38108500	38109533	-	0	0
ENSG0000(CTD-3073N antisense chr19	51519731	51520260	+	0	0
ENSG0000(MGC2752 transcribed chr19	58582024	58582609	+	0	0
ENSG0000(RPL7P50 processed_ chr19	6593329	6594055	+	0	0
ENSG0000(VN1R87P unprocessed chr19	22742924	22743410	-	0	0
ENSG0000(CTC-429P9 protein_co chr19	16577642	16660115	-	1.12	1.33
ENSG0000(VN1R90P unprocessed chr19	23288620	23289345	+	0	0
ENSG0000(CTC-490E2 protein_co chr19	40801297	40898282	+	0.25	0
ENSG0000(CTB-25B13 lincRNA chr19	1440839	1441938	+	0	0.42
ENSG0000(RP11-321E processed_ chr5	17491361	17491769	-	0	0
ENSG0000(RP11-704M unprocessed chr4	69215908	69216635	-	0	0
ENSG0000(LINC02132 lincRNA chr16	85935281	85936223	-	0	0
ENSG0000(AC007193 antisense chr19	46382492	46383169	-	0	0
ENSG0000(RP1-102K2 antisense chr22	30246205	30246998	+	0.08	0.27
ENSG0000(CITF22-62I sense_intr chr22	35626988	35635134	-	0	0.01
ENSG0000(CTC-457E2 processed_ chr19	22603269	22608501	+	0	0
ENSG0000(BNIP3P32 processed_ chr19	22447934	22448777	-	0	0
ENSG0000(AC011513 antisense chr19	41757898	41786893	-	0	0
ENSG0000(OR7A1P unprocessed chr19	14891895	14892804	-	0	0
ENSG0000(LA16c-OS1 lincRNA chr16	185748	186294	-	0.13	0.29
ENSG0000(CTD-3073N unprocessed chr19	51505059	51505362	-	0	0
ENSG0000(CTD-2245F antisense chr19	53162428	53163563	+	0	0

ENSG0000(RP11-1137 antisense chr19	6953211	6954904	+	0	0
ENSG0000(SIGLEC31P unprocessed chr19	56589495	56590281	-	0	0
ENSG0000(SIGLEC22P transcribed chr19	51211080	51212088	+	0	0
ENSG0000(CTD-2545M antisense chr19	50480119	50483351	-	0	0
ENSG0000(RP4-591C2 antisense chr20	63861212	63864293	-	3.4	2.65
ENSG0000(CTD-2207C protein_coding chr19	7382834	7472477	+	0	0
ENSG0000(CTB-167G5 transcribed chr19	53599628	53608451	-	0	0.17
ENSG0000(AC020915. processed_transcript chr19	58224506	58225469	+	0	0
ENSG0000(ESPNP transcribed chr1	16687339	16720157	-	0.14	0
ENSG0000(CTD-3105H protein_coding chr19	12391949	12441082	-	0	0.1
ENSG0000(RP11-138H antisense chr18	34737795	34767663	-	0	0
ENSG0000(IGFL1P1 unprocessed chr19	46196238	46197323	+	0	0
ENSG0000(PNMA6B unprocessed chrX	1.53E+08	1.53E+08	-	0.05	0
ENSG0000(CTD-2550C processed_transcript chr19	8346517	8347687	+	0	0
ENSG0000(CTD-3099C antisense chr19	52575883	52585561	-	0	0
ENSG0000(CTD-2616J: lincRNA chr19	51394488	51403650	+	0.26	0
ENSG0000(CTD-3233P unprocessed chr19	21221645	21222746	-	0	0
ENSG0000(PLCE1-AS1 antisense chr10	94279277	94287478	-	0.04	0.23
ENSG0000(A1BG-AS1 antisense chr19	58347751	58355183	+	4.22	5.53
ENSG0000(RP11-256I2 antisense chr2	2.2E+08	2.2E+08	-	0	0
ENSG0000(CSAG2 protein_coding chrX	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-34P1 processed_transcript chr1	135141	135895	-	0.28	0.65
ENSG0000(CTC-518B2 antisense chr19	51030076	51034335	+	0	0
ENSG0000(VN1R92P unprocessed chr19	23444262	23445189	+	0	0
ENSG0000(CTD-2619J: lincRNA chr19	58428632	58431148	-	0.65	0.62
ENSG0000(CSAG3 protein_coding chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(CTD-2557P processed_transcript chr19	8778665	8778861	-	0	0
ENSG0000(RP11-180I4 lincRNA chr9	95772323	95774734	+	0	0
ENSG0000(RP11-886P antisense chr19	8423355	8427827	-	0.05	0.08
ENSG0000(AC005387. antisense chr19	18531613	18532632	+	0	0
ENSG0000(CT45A1 protein_coding chrX	1.36E+08	1.36E+08	+	0	0
ENSG0000(LINC01711 lincRNA chr20	58634772	58635738	+	0	0.07
ENSG0000(CKS1BP3 processed_transcript chr5	62512246	62512482	-	0	0
ENSG0000(CTD-2192J: lincRNA chr19	12682693	12687279	-	0.11	0.12
ENSG0000(AD000684. sense_intronic chr19	35262846	35264804	+	0	0
ENSG0000(MRPS17P1 processed_transcript chr1	44988705	44991834	-	0.06	0.06
ENSG0000(RP11-149F processed_transcript chr9	63719864	63720441	+	0.49	0.4
ENSG0000(RP11-556C lincRNA chr8	8188535	8189195	-	0	0
ENSG0000(SIGLEC26P unprocessed chr19	51468360	51468636	-	0	0
ENSG0000(ERVV-2 protein_coding chr19	53044738	53051076	+	0	0
ENSG0000(RP11-1281 processed_transcript chr4	49548564	49548855	-	0	0
ENSG0000(CTD-3099C sense_intronic chr19	52597699	52598887	-	0	0
ENSG0000(MIA-RAB4E protein_coding chr19	40771648	40786685	+	0	0
ENSG0000(CTC-457E2 antisense chr19	22665552	22716991	-	0	0
ENSG0000(AC005253. antisense chr19	18568506	18569375	-	0	0

ENSG0000(CTD-2528A antisense chr19	17009189	17013460	+	0	0
ENSG0000(CTC-435M: sense_intrchr19	41399372	41400365	+	0	0
ENSG0000(SPANXN2 protein_cochrX	1.44E+08	1.44E+08	-	0	0
ENSG0000(FAM231B protein_cochr1	16539066	16539575	+	0	0
ENSG0000(CDC42EP3: processed_chr19	23384530	23385293	+	0	0
ENSG0000(RP11-439A processed_chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(FAM236B protein_cochrX	72781865	72782660	-	0	0
ENSG0000(VN1R82P unprocesschr19	21188598	21188953	+	0.59	0.83
ENSG0000(MAN1B1-A antisense chr9	1.37E+08	1.37E+08	-	1.1	0.69
ENSG0000(DNAJC19P: processed_chr19	41638569	41638899	-	0	0
ENSG0000(CTD-2245F transcribedchr19	53197111	53214522	+	1.88	4.28
ENSG0000(SLC6A21P processed_chr19	49255472	49256102	-	0	0
ENSG0000(KRT18P40 unprocesschr19	20961057	20965140	+	0	0.04
ENSG0000(CTB-147N1 processed_chr19	46826895	46828440	-	0	0
ENSG0000(AC005932. antisense chr19	18940322	18946831	+	0.51	0.42
ENSG0000(CTD-3187F transcribedchr19	51280862	51283022	+	0	0
ENSG0000(CTC-457E2 transcribedchr19	22605739	22608211	+	0	0
ENSG0000(AC003006. protein_cochr19	57682045	57753575	+	0.78	1.47
ENSG0000(MTRNR2L1 protein_cochr3	96617188	96618236	-	0	0
ENSG0000(AC016629. transcribedchr19	58586158	58586356	+	3.69	1.14
ENSG0000(CTD-2521N protein_cochr19	17436611	17460804	-	0	0.04
ENSG0000(LINC01838 lincRNA chr19	34905315	34908188	+	0	0
ENSG0000(AP001462. lincRNA chr11	64778954	64779405	+	0.17	0
ENSG0000(BNIP3P24 processed_chr19	20784596	20785152	-	0	0
ENSG0000(CTC-513N1 lincRNA chr19	20432552	20528615	+	0	0
ENSG0000(CTC-429P9 sense_intrchr19	16633797	16635269	-	2.73	2.19
ENSG0000(CTC-360G5 antisense chr19	38870159	38873763	+	0	0
ENSG0000(CTD-2521N antisense chr19	17419305	17419774	-	0	0
ENSG0000(CTD-2619J: antisense chr19	58362585	58366591	+	0.24	0.09
ENSG0000(BNIP3P18 processed_chr19	20267817	20268391	+	0	0
ENSG0000(CALR3 protein_cochr19	16479057	16496192	-	0	0
ENSG0000(CTD-2528A antisense chr19	17095418	17099307	-	0	0
ENSG0000(ZNF728 protein_cochr19	22975468	23003176	-	0.03	0
ENSG0000(RP11-256I: antisense chr2	2.2E+08	2.2E+08	+	0.27	0.44
ENSG0000(CTC-471F3 processed_chr19	40023384	40025502	-	0.9	0.45
ENSG0000(CTD-3187F antisense chr19	51152923	51181966	-	0	0
ENSG0000(CTD-2620I: processed_chr19	52956041	52981654	-	0	0
ENSG0000(CTD-3222D antisense chr19	16565551	16566330	+	0	0
ENSG0000(CTC-523E2 lincRNA chr19	34837889	34855304	+	0.08	0.06
ENSG0000(CTD-2126E antisense chr19	50043196	50051062	-	0.13	0
ENSG0000(AC010646. protein_cochr19	17235940	17255448	-	0.17	0
ENSG0000(CT45A3 protein_cochrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(TPRG1LP1 processed_chr19	57664280	57665039	+	0.09	0
ENSG0000(LSP1P1 processed_chr13	25017404	25017536	+	0	0
ENSG0000(CTD-2525I: antisense chr19	52284780	52297920	-	0	0

ENSG0000(Metazoa_S misc_RNA chr20	49932795	49933078	+	0.94	0
ENSG0000(CTD-2619J: antisense chr19	58475355	58475763	-	0.2	0.22
ENSG0000(RP11-15H2 lincRNA chr19	23257255	23274232	-	0	0.44
ENSG0000(CTC-513N1 lincRNA chr19	20553792	20661583	-	1.56	0
ENSG0000(TRABD2B protein_co chr1	47760528	47996895	-	0.01	0.12
ENSG0000(FAM90A28 transcribed chr19	53299051	53308644	-	0	0
ENSG0000(HNRNPA1F processed_ chr19	41829692	41830938	+	0	0.07
ENSG0000(AC007193. antisense chr19	46320197	46340004	-	0	0
ENSG0000(RP11-98F1. antisense chr13	1.13E+08	1.13E+08	-	0	0
ENSG0000(SIGLEC28P unprocessed_ chr19	51560122	51560590	-	0	0
ENSG0000(BRI3BPP1 processed_ chr19	21800480	21801266	+	0	0
ENSG0000(ZNF209P unprocessed_ chr19	22463922	22473036	+	0	0
ENSG0000(CTD-3193C processed_ chr19	7926001	7926810	+	0	0.35
ENSG0000(AC007192. antisense chr19	18144522	18151691	-	0	0
ENSG0000(AC092301. antisense chr19	45830164	45831108	+	0	0
ENSG0000(AC007193. antisense chr19	46390515	46390852	-	0	0
ENSG0000(LYPLA2P2 processed_ chr19	7879445	7880120	-	0	0
ENSG0000(BNIP3P13 processed_ chr19	20062755	20063320	+	0	0
ENSG0000(RP3-431P2 lincRNA chr6	1.68E+08	1.68E+08	+	0	0
ENSG0000(CTD-3131K antisense chr19	17518330	17520565	-	0	0
ENSG0000(CTC-218B8 antisense chr19	39134882	39136463	-	0	0
ENSG0000(RP11-727F antisense chr11	62786023	62786785	-	1.44	1.21
ENSG0000(L34079.3 antisense chr19	43553445	43555494	+	0	0
ENSG0000(CTC-326K1 protein_co chr19	49909501	49958391	-	0	0
ENSG0000(CTD-3073N processed_ chr19	51442379	51442650	+	0	0
ENSG0000(LINC01082 lincRNA chr16	86196181	86199720	+	0	0
ENSG0000(CTB-60E11 unprocessed_ chr19	39584042	39586489	+	0	0
ENSG0000(RP11-573N sense_intronic chr13	98233650	98234700	+	0	0
ENSG0000(FBXO17 protein_co chr19	38941401	38975910	-	13.54	16.52
ENSG0000(AC005387. antisense chr19	18532908	18536188	+	0	0
ENSG0000(AC006942. antisense chr19	49808933	49809738	+	0.14	0.78
ENSG0000(AC003973. lincRNA chr19	22043500	22050005	-	0	0
ENSG0000(RP11-173C antisense chr2	38959287	38960342	-	0.46	0.38
ENSG0000(LINC00528 lincRNA chr22	17777322	17779481	+	0	0
ENSG0000(RP11-722G protein_co chrX	1.04E+08	1.04E+08	-	1.2	2.55
ENSG0000(RPS27AP15 processed_ chr19	7665717	7666476	+	0	0
ENSG0000(ZNF350-AS antisense chr19	51949134	51981367	+	0.12	0
ENSG0000(CTD-2619J: processed_ chr19	58166166	58167145	+	0	0
ENSG0000(CTD-2561J: protein_co chr19	21405159	21491266	+	0	0
ENSG0000(CTD-2192J: protein_co chr19	12643831	12648397	-	2.21	1.09
ENSG0000(CTD-2231E antisense chr19	16123661	16139892	-	0	0
ENSG0000(RPL23AP78 processed_ chr19	8728735	8729204	-	0	0
ENSG0000(CTC-246B1 lincRNA chr19	39341773	39341945	-	0	6.87
ENSG0000(SIGLEC21P unprocessed_ chr19	51198855	51201449	+	0	0
ENSG0000(RP11-325D antisense chr10	76558350	76560994	-	0	0

ENSG0000(DNAJC19P:processed_ chr19	41605341	41605671	-	0	0
ENSG0000(CTB-83J4.2 lincRNA chr19	54589441	54590287	+	0	0
ENSG0000(AC078899.unprocessε chr19	20295089	20303794	+	0	0
ENSG0000(CTD-2105E antisense chr19	55377579	55378125	-	0	0
ENSG0000(RP11-564H processed_ chrX	52770809	52771080	+	0	0
ENSG0000(CTD-2245F antisense chr19	53240675	53241913	+	0	0
ENSG0000(CTB-92J24.antisense chr19	23919081	23957930	-	0	0
ENSG0000(CTB-12A17 antisense chr19	46609277	46610779	-	0.37	0
ENSG0000(ZSCAN16-A antisense chr6	28121795	28137293	-	2.03	2.31
ENSG0000(AC005614.antisense chr19	40090754	40094406	+	0.16	0.06
ENSG0000(CTD-2529P antisense chr19	8821501	8824110	+	0	0
ENSG0000(CTD-2527I:antisense chr19	34998233	35000170	-	0	0
ENSG0000(FKBP1AP1 processed_ chr19	57826461	57826778	-	0	0
ENSG0000(CTD-2278I:protein_co chr19	17267418	17282966	+	0	0.28
ENSG0000(MAGIX protein_co chrX	49162564	49168483	+	0.48	0.24
ENSG0000(CTC-457E2 processed_ chr19	22609606	22610601	+	0	0
ENSG0000(AC007292.antisense chr19	4356637	4358448	-	0	0.03
ENSG0000(VN1R93P unprocessε chr19	23602567	23603106	+	0	0
ENSG0000(CTC-453G2 antisense chr19	48145908	48147413	+	0	0
ENSG0000(GOLGA2P9 transcribec chr19	22596257	22603550	+	0	0
ENSG0000(IKBKG protein_co chrX	1.55E+08	1.55E+08	+	10.7	12.64
ENSG0000(ZNF587B protein_co chr19	57819741	57846238	+	2.18	2.34
ENSG0000(VN1R85P unprocessε chr19	22174766	22175191	-	0	0
ENSG0000(CTD-3099C antisense chr19	52511282	52512342	-	0	0
ENSG0000(CTD-2278I:antisense chr19	17360932	17362753	+	0	0
ENSG0000(PTOV1-AS2 antisense chr19	49856970	49859289	-	1.91	1.92
ENSG0000(AC092071.sense_intrε chr19	40946347	40947450	+	0	0
ENSG0000(AC005626.processed_ chr19	41639659	41640602	-	0	0
ENSG0000(RP11-120K sense_intrε chr13	1.13E+08	1.13E+08	+	0	0
ENSG0000(LINC01233 lincRNA chr19	22532626	22533494	+	0	0
ENSG0000(RP11-380N antisense chr18	47878295	47882444	+	0	0
ENSG0000(CTD-2207C antisense chr19	7519916	7520460	-	0	0
ENSG0000(CTD-2542C unprocessε chr19	20838515	20847417	-	0	0
ENSG0000(CTB-50E14 processed_ chr19	42485076	42485714	-	2.11	2.95
ENSG0000(RP11-120K sense_intrε chr13	1.13E+08	1.13E+08	+	0	0
ENSG0000(ITGB1P1 processed_ chr19	14621634	14622242	-	110.67	108.56
ENSG0000(RP11-292K processed_ chr2	1E+08	1E+08	-	0	0
ENSG0000(CTC-312O1 unprocessε chr19	6898299	6898686	+	0	0
ENSG0000(RAB11B-AS antisense chr19	8374373	8390685	-	4.89	6.15
ENSG0000(RP11-298J:lincRNA chr6	41764292	41764460	-	0	0
ENSG0000(AC018755.transcribec chr19	51594561	51606150	+	0.71	1.56
ENSG0000(RP11-194G lincRNA chr3	16530771	16531802	+	0	0
ENSG0000(CTB-191K2 antisense chr19	50365880	50369331	-	0.69	0
ENSG0000(CTB-92J24.sense_intrε chr19	23927788	23929287	+	0	0.08
ENSG0000(CTD-3222D lincRNA chr19	16542746	16544814	+	0.69	0.53

ENSG0000(CTD-2529P sense_intron) chr19	8833065	8833541	+	0	0
ENSG0000(CTD-2616J) protein_coding chr19	51350373	51368099	-	0	1.44
ENSG0000(SPIB) protein_coding chr19	50418938	50431313	+	0.03	0
ENSG0000(NXF2) protein_coding chrX	1.02E+08	1.02E+08	+	0	0
ENSG0000(LINC01224) lincRNA chr19	23399233	23416075	-	0	0.03
ENSG0000(CTD-2538C) processed_transcript chr19	16712317	16712434	+	0	0
ENSG0000(PLA2G4C-A) antisense chr19	48061371	48064945	+	0	0
ENSG0000(ZNF92P3) unprocessed_transcript chr19	23935220	23936173	+	0	0
ENSG0000(AC007292) antisense chr19	4339577	4343491	+	0.41	0.46
ENSG0000(CTC-429P9) antisense chr19	16630743	16643942	+	0	0
ENSG0000(BNIP3P8) processed_transcript chr19	23380317	23380876	+	0	0
ENSG0000(OPN1MW3) protein_coding chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(NXF2B) protein_coding chrX	1.02E+08	1.02E+08	-	0	0
ENSG0000(CTD-3131K) lincRNA chr19	17488990	17511889	-	2.24	1.92
ENSG0000(CTB-180A7) sense_intronic chr19	6386762	6390400	-	0	0.4
ENSG0000(AC067969) antisense chr19	38526954	38528555	-	0	0
ENSG0000(RP4-639J1) lincRNA chr7	1.57E+08	1.57E+08	+	0	0.24
ENSG0000(CTD-2579N) unprocessed_transcript chr19	22925377	22925547	+	0	0
ENSG0000(AC093063) lincRNA chr19	39685244	39694577	+	0	0
ENSG0000(RP11-727F) sense_intronic chr11	62807682	62808063	-	0	0
ENSG0000(RP11-432N) processed_transcript chr5	17655129	17655538	-	0	0
ENSG0000(CTD-3148I) protein_coding chr19	49462752	49486231	+	0	0
ENSG0000(RP11-15H2) processed_transcript chr19	23204010	23204556	+	0	0
ENSG0000(CTD-2619J) lincRNA chr19	58440448	58445849	+	0.13	0.18
ENSG0000(CH17-38B1) unprocessed_transcript chrX	1.53E+08	1.53E+08	+	0	0
ENSG0000(CTD-2583A) protein_coding chr19	57876765	57916591	-	0	0
ENSG0000(CTD-3032J) antisense chr19	17207138	17208010	-	0.66	0.73
ENSG0000(CTD-2521N) antisense chr19	17414257	17422324	-	0	0
ENSG0000(Z69720.2) antisense chr16	90631	91102	+	0.89	0
ENSG0000(LLNLF-191) transcribed_unprocessed_transcript chr19	51842878	51843315	-	0	0
ENSG0000(CTC-360G5) lincRNA chr19	38935297	38938632	-	0.56	0.8
ENSG0000(CTB-174O2) antisense chr19	46728603	46732700	+	0	0
ENSG0000(RP11-98D1) lincRNA chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(CTB-147C2) antisense chr19	50950185	50963649	+	0	0
ENSG0000(DMRTC1) protein_coding chrX	72872025	72943814	-	0	0
ENSG0000(AC003973) lincRNA chr19	22017959	22036315	-	0	0
ENSG0000(ZNF92P2) processed_transcript chr19	22128627	22130318	-	0	0
ENSG0000(RP11-571I) antisense chr4	54059597	54061210	+	0	0
ENSG0000(BNIP3P34) processed_transcript chr19	22773853	22774424	+	0	0
ENSG0000(RP11-370I) lincRNA chr12	48198387	48202031	+	0.04	0.06
ENSG0000(CYP4F23P) transcribed_unprocessed_transcript chr19	15564074	15584709	+	0	0
ENSG0000(AC005176) processed_transcript chr19	39631300	39631446	-	0	0
ENSG0000(CTB-83J4.1) lincRNA chr19	54224523	54224881	+	0	0
ENSG0000(ERVV-1) protein_coding chr19	53013921	53016122	+	0	0.08
ENSG0000(AC003002) protein_coding chr19	57389884	57419994	+	0.96	0.22

ENSG0000(CTC-453G2 antisense chr19	48118432	48127706	+	0	0
ENSG0000(CTD-2525I antisense chr19	52300693	52345229	-	0.03	0.06
ENSG0000(CTD-2126E processed_ chr19	50058882	50060232	-	0	0
ENSG0000(CTD-2291D lincRNA chr19	23068473	23071476	-	0	0
ENSG0000(CLIC4P2 processed_ chr19	6562123	6563848	-	0	0
ENSG0000(CTC-360G5 protein_co chr19	38915404	38949855	-	0	0
ENSG0000(OR7A8P unprocessε chr19	14852032	14852944	-	0	0
ENSG0000(U62631.5 sense_intrε chr19	35330843	35331920	+	0	0
ENSG0000(TMEM185/ protein_co chrX	1.5E+08	1.5E+08	-	13.26	15.71
ENSG0000(RP11-629B antisense chr4	74156511	74158373	-	0.09	0.03
ENSG0000(CTD-2192J sense_intrε chr19	12529768	12532973	-	0	0
ENSG0000(AC008753. lincRNA chr19	53788782	53789168	+	0	0
ENSG0000(GPR32P1 unprocessε chr19	50758382	50759192	+	0	0
ENSG0000(CMB9-55A antisense chr11	58611119	58612642	-	0.11	0
ENSG0000(MTDHP5 processed_ chr19	22140532	22141117	+	0	0
ENSG0000(HNRNPMP. processed_ chr19	46809585	46810183	+	0	0
ENSG0000(CTD-3222D sense_intrε chr19	16586905	16587985	-	0.06	0.06
ENSG0000(SIGLEC27P unprocessε chr19	51508573	51509311	+	0	0
ENSG0000(L34079.4 antisense chr19	43574638	43575618	+	0	0
ENSG0000(TDGF1P7 processed_ chr19	39534463	39535021	+	0	0
ENSG0000(CT45A10 protein_co chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(CTB-60E11 unprocessε chr19	39553034	39555356	+	0	0
ENSG0000(CTD-2192J protein_co chr19	12664828	12669397	-	0	0
ENSG0000(RP11-261P antisense chr13	98329655	98333236	-	0	0
ENSG0000(AC016629. antisense chr19	58593896	58599355	-	0	0.08
ENSG0000(AC005523. antisense chr19	4791745	4795559	-	0	0
ENSG0000(CTB-167G5 processed_ chr19	53616802	53617254	+	1.22	0.38
ENSG0000(RPARP-AS1 processed_ chr10	1.02E+08	1.02E+08	+	4.37	3.25
ENSG0000(MTDHP2 processed_ chr19	21940820	21941533	+	0	0
ENSG0000(RP11-98D1 antisense chr1	1.52E+08	1.52E+08	+	0	0
ENSG0000(TP53TG3HI transcribed chr16	35506592	35507170	-	0	0
ENSG0000(AC004257. lincRNA chr19	15221015	15222297	-	0	0
ENSG0000(RPL12P41 processed_ chr19	46219423	46219920	+	0	0
ENSG0000(CTD-2331H lincRNA chr19	52923382	52924075	+	0	0.17
ENSG0000(CTD-3020H unprocessε chr19	8173272	8175567	+	0	0
ENSG0000(CTD-2195B antisense chr19	41221426	41222051	-	0	0
ENSG0000(CTB-102L5 sense_intrε chr19	38184376	38186265	+	0.03	0
ENSG0000(GLTSCR2-A antisense chr19	47757036	47768840	-	0	0
ENSG0000(BNIP3P39 processed_ chr19	23798924	23799477	-	0	0
ENSG0000(RP11-542M lincRNA chr16	85981750	85984723	+	0	0
ENSG0000(OR7A18P unprocessε chr19	14886839	14887115	-	0	0
ENSG0000(CTD-3128G antisense chr19	6748293	6751467	-	0	0
ENSG0000(CTD-3187F processed_ chr19	51155288	51155624	-	0	0
ENSG0000(AC008982. sense_intrε chr19	38844729	38845499	-	0	0.34
ENSG0000(FKBP4P2 processed_ chr9	39631046	39632416	+	0	0

ENSG0000(CTD-2192J) protein_co chr19	12525720	12580975 -	0.55	0.75
ENSG0000(AC005197) antisense chr19	18881680	18883376 +	0	0.11
ENSG0000(AC007228) antisense chr19	56545566	56567411 -	0.35	0.12
ENSG0000(ZIM2) protein_co chr19	56774552	56840729 -	0	0
ENSG0000(CTB-60B18) unprocessε chr19	49050217	49050846 -	0	0
ENSG0000(RP11-13J1) sense_ovei chr2	1.05E+08	1.05E+08 +	0	0
ENSG0000(CTD-3214H) protein_co chr19	7678501	7682854 +	0	0
ENSG0000(NBPF9) protein_co chr1	1.49E+08	1.49E+08 -	11.8	11.84
ENSG0000(CTD-2521M) protein_co chr19	17390509	17394158 -	0	0
ENSG0000(RPL23AP51) transcribed chr7	7742091	7742535 -	0	0
ENSG0000(AC006262) lincRNA chr19	46163893	46180647 -	0	0
ENSG0000(WBP1LP7) processed_ chr1	439870	440232 +	0	0
ENSG0000(CTD-2521M) lincRNA chr19	17452211	17452969 -	0.09	0
ENSG0000(RP11-345P) transcribed chr1	1671990	1674397 +	0	0
ENSG0000(CTC-518B2) protein_co chr19	50996018	51009581 -	0	0
ENSG0000(BNIP3P29) processed_ chr19	22065828	22066398 -	0	0
ENSG0000(SLC25A53) protein_co chrX	1.04E+08	1.04E+08 -	3.82	3.93
ENSG0000(AC006262) antisense chr19	46228964	46230388 -	0	0
ENSG0000(AC005614) processed_ chr19	40048757	40090925 -	0	0
ENSG0000(CTD-3149D) antisense chr19	17613722	17614430 +	0	0.43
ENSG0000(CTD-3105H) protein_co chr19	12433103	12484816 -	0.09	0.25
ENSG0000(CTD-2245F) lincRNA chr19	53267870	53270932 -	1.42	0
ENSG0000(RP11-1137) processed_ chr19	7005012	7006074 -	0	0
ENSG0000(EXOSC3P2) processed_ chr19	7813615	7814425 -	0	0
ENSG0000(CTB-187L3) unprocessε chr19	15515342	15516836 -	0	0
ENSG0000(DPPA5P1) processed_ chr19	52425863	52426202 -	0	0
ENSG0000(CTD-2542C) unprocessε chr19	20691336	20697615 +	0.02	0
ENSG0000(MIR1470) miRNA chr19	15449548	15449608 +	0	0
ENSG0000(CTC-258N2) processed_ chr19	56922018	56922213 +	0	0
ENSG0000(OR7A3P) unprocessε chr19	14903232	14904138 -	0	0
ENSG0000(SSX4B) protein_co chrX	48402078	48411910 -	0	0
ENSG0000(CTB-60E11) antisense chr19	39532412	39534422 +	0	0
ENSG0000(ZIM2-AS1) antisense chr19	56690686	56799646 +	0	0
ENSG0000(AC010642) processed_ chr19	58319277	58320489 +	0	0
ENSG0000(AC011516) lincRNA chr19	22422513	22426045 +	0	0
ENSG0000(CTD-2538G) sense_intrε chr19	16801426	16801714 +	0	0
ENSG0000(PLEKHA3P1) processed_ chr19	41521043	41521989 -	0	0
ENSG0000(CTB-180A7) antisense chr19	6343761	6362149 -	0	0
ENSG0000(GLTSCR1-A) antisense chr19	47615699	47626395 -	0	0
ENSG0000(AC007292) antisense chr19	4347244	4354057 -	0	0
ENSG0000(SCGB2B3P) processed_ chr19	34645662	34646070 +	0	0
ENSG0000(CTD-3193C) antisense chr19	7959123	7960012 +	0	0
ENSG0000(CTC-273B1) lincRNA chr19	48513207	48513660 -	0	0
ENSG0000(CTD-2278I) sense_intrε chr19	17296196	17296695 -	0.15	0.17
ENSG0000(KCNQ1OT1) antisense chr11	2608328	2699994 -	0.38	0.4

ENSG0000(CTD-3099C sense_intron)	chr19	52650437	52653284	-	0.72	0.82
ENSG0000(RP11-158I3 lincRNA)	chr16	86347387	86349611	+	0	0
ENSG0000(RP11-11A5 processed)	chrX	1.35E+08	1.35E+08	+	0	0
ENSG0000(ZNF528-AS processed)	chr19	52388842	52397766	-	3.13	2.34
ENSG0000(CTD-3032J antisense)	chr19	17177511	17178476	-	0	0
ENSG0000(IPO5P1 transcribed)	chr19	23255053	23257939	-	0.66	1.16
ENSG0000(CTD-3233P unprocessed)	chr19	21225098	21245241	-	0	0
ENSG0000(CTC-339O9 lincRNA)	chr19	53761961	53764199	+	0.16	0.23
ENSG0000(CTC-490E2 lincRNA)	chr19	40831221	40837210	-	0	0
ENSG0000(RP11-420K transcribed)	chr19	21750747	21753438	+	0	0
ENSG0000(RP4-621N1 antisense)	chr20	37095785	37097178	+	0	0
ENSG0000(RP11-1281 processed)	chr4	49524030	49524185	-	0	0
ENSG0000(RNF225 protein)	chr19	58396090	58397079	+	0	0
ENSG0000(EGLN2 protein)	chr19	40798996	40808433	+	46.65	41.95
ENSG0000(CTD-2537I antisense)	chr19	55475983	55476482	-	0	0
ENSG0000(CTD-2583A sense_intron)	chr19	57867038	57868172	-	0	0
ENSG0000(CTD-2587H lincRNA)	chr19	54438010	54438346	-	0	0
ENSG0000(CTD-3022G lincRNA)	chr19	53787597	53788169	-	0	0
ENSG0000(AC004754 protein)	chr16	249547	269943	+	0.08	0.25
ENSG0000(RP11-463C antisense)	chr14	77140683	77142996	+	0	0
ENSG0000(VN1R79P unprocessed)	chr19	20758440	20758952	+	0	0
ENSG0000(RP11-266J antisense)	chr3	9812762	9813097	-	0.86	0
ENSG0000(RP11-477H sense_intron)	chr1	1.65E+08	1.65E+08	+	0.18	0
ENSG0000(RP11-3P17 lincRNA)	chr3	1.61E+08	1.61E+08	+	2.17	1.19
ENSG0000(RP11-816J antisense)	chr3	1.7E+08	1.7E+08	+	0.07	0
ENSG0000(RP5-1139B antisense)	chr1	2.28E+08	2.28E+08	-	0.97	0.54
ENSG0000(ARHGAP19 protein)	chr10	97153045	97292637	-	0	0
ENSG0000(RP4-761J1 lincRNA)	chr12	6742985	6743641	+	0.41	0.79
ENSG0000(SNHG8 lincRNA)	chr4	1.18E+08	1.18E+08	+	62.42	71.34
ENSG0000(RP11-1020 sense_intron)	chr3	9935706	9936258	+	0.52	0.29
ENSG0000(AP000654 lincRNA)	chr11	86833068	86837615	+	0.05	0.16
ENSG0000(RP4-740C4 transcribed)	chr1	2350414	2352820	-	1.34	0.55
ENSG0000(COMMD3 protein)	chr10	22316388	22329542	+	25.29	27.95
ENSG0000(RP11-568J antisense)	chr16	85743287	85744225	+	0	0
ENSG0000(RP11-589N sense_intron)	chr8	11846154	11846391	-	1.2	0
ENSG0000(RMRP lincRNA)	chr9	35657751	35658018	-	0	0
ENSG0000(RP11-178L antisense)	chr16	87362536	87367476	+	0	0
ENSG0000(RP6-99M1 lincRNA)	chrX	45764772	45765299	-	0	0
ENSG0000(RP11-571M lincRNA)	chr12	57814494	57814926	+	0	0
ENSG0000(MAP2K4P1 transcribed)	chrX	73524275	73563085	-	0.06	0.06
ENSG0000(RP11-248J sense_intron)	chr14	50662511	50663178	-	0.4	1
ENSG0000(RP11-330M processed)	chr9	96910076	96910405	+	0	0
ENSG0000(RP11-73M antisense)	chr14	1.04E+08	1.04E+08	-	0	0.15
ENSG0000(FAM226B sense_intron)	chrX	72777608	72779097	+	0	0
ENSG0000(AP006621 antisense)	chr11	708564	727047	-	0	0

ENSG00000193133	RP11-193M	lincRNA	chr12	85263544	85264457	+	0	0
ENSG00000113215	AF131215	sense_intronic	chr8	11104691	11106704	-	0.59	0.35
ENSG000001134E1	RP1-134E1	sense_intronic	chr6	1.06E+08	1.06E+08	+	0	0
ENSG00000116461	RP11-6461	lincRNA	chr4	56387625	56388153	+	0.41	0
ENSG0000011697N	RP11-697N	sense_intronic	chr8	47527397	47528148	+	0	0
ENSG000001167L1	RP3-467L1	sense_intronic	chr1	7776383	7776775	+	0.65	0.24
ENSG0000011442H	RP11-442H	antisense	chr10	72274915	72275980	-	0.22	0
ENSG0000011691H8	RP6-91H8	lincRNA	chr14	71141125	71143253	-	0.05	0.11
ENSG00000112B6	RP11-2B6	lincRNA	chr9	94176458	94177892	+	1	1.06
ENSG0000011932C	RP11-932C	lincRNA	chr15	30616958	30617749	+	0.92	1.48
ENSG0000011069C	RP5-1069C	lincRNA	chr20	12934877	12935783	-	0	0
ENSG0000011333A1	RP3-333A1	sense_intronic	chr1	71005854	71006502	-	0	0
ENSG0000011139B	RP5-1139B	antisense	chr1	2.28E+08	2.28E+08	-	1.28	1.02
ENSG00000111482N	RP11-482N	antisense	chr16	87600526	87602190	-	0	0
ENSG000001120I2	RP11-20I2	antisense	chr16	2561471	2565096	-	1.98	2.05
ENSG0000011214K	RP11-214K	sense_intronic	chr12	1.24E+08	1.24E+08	-	0.26	0.14
ENSG00000111AS1	PCF11-AS1	lincRNA	chr11	83185521	83187036	-	0.57	0.5
ENSG0000011173M	RP11-73M	sense_intronic	chr14	1.04E+08	1.04E+08	+	5.89	8.23
ENSG00000111770J	RP11-770J	sense_intronic	chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000011691H8	RP6-91H8	lincRNA	chr14	71219100	71222724	+	0.12	0.39
ENSG00000112B6	RP11-2B6	lincRNA	chr9	94166289	94200627	+	0	0
ENSG00000111849F	RP11-849F	lincRNA	chr17	8277763	8278436	+	0.6	0.33
ENSG00000111738E	RP11-738E	lincRNA	chr4	56960927	56961373	-	0	0
ENSG0000011000962	AP000962	lincRNA	chr21	16574718	16582637	-	0	0
ENSG00000111797A	RP11-797A	sense_intronic	chr15	77067654	77068325	-	0.7	0.77
ENSG00000111324I2	RP11-324I2	sense_intronic	chr10	35210416	35210750	+	0	0
ENSG0000011148C	RP11-148C	lincRNA	chr8	11552488	11552991	-	0.15	0
ENSG000001139E55	C7orf55-LL	protein_coding	chr7	1.39E+08	1.39E+08	+	13.01	12.69
ENSG00000111MKNK1-AS	MKNK1-AS	antisense	chr1	46538696	46570255	+	0	0
ENSG0000011120A2	RP11-20A2	lincRNA	chr9	24545952	24591993	+	0	0
ENSG0000011173M	RP11-73M	sense_intronic	chr14	1.04E+08	1.04E+08	+	4.56	5.45
ENSG00000111SPACA6P-A	SPACA6P-A	lincRNA	chr19	51685363	51693456	-	0.07	0.19
ENSG00000111CTD-2033C	CTD-2033C	lincRNA	chr5	65924629	65925135	-	0.29	0.81
ENSG00000111MEI4	MEI4	protein_coding	chr6	77690658	77926974	+	0	0
ENSG00000111331H2	RP3-331H2	lincRNA	chr6	71295173	71417436	-	0.14	0
ENSG0000011184A1	RP11-84A1	lincRNA	chr1	31851913	31921841	-	0	0
ENSG0000011195940J5	RP5-940J5	antisense	chr12	6537794	6538370	-	9.32	10.68
ENSG00000111498E	RP11-498E	sense_intronic	chr9	1.22E+08	1.22E+08	+	2.18	3.2
ENSG00000111426I6	RP3-426I6	sense_intronic	chr1	27773858	27774041	+	0	0
ENSG00000111430N8	RP3-430N8	lincRNA	chr22	30977516	30977858	-	0	0
ENSG0000011195D1	RP11-95D1	lincRNA	chr2	9936360	9939590	+	0.83	0.62
ENSG00000111932C	RP11-932C	lincRNA	chr15	30648797	30649529	+	0.18	0
ENSG00000111130L	RP11-130L	lincRNA	chr2	20586248	20586686	-	0	0.2
ENSG00000111338N	RP11-338N	lincRNA	chr1	7700704	7700970	-	0	0
ENSG00000111282C	RP11-282C	antisense	chr12	1.23E+08	1.23E+08	+	0	0

ENSG00000100000	RP11-34P1 processed	chr1	137682	137965	-	0	0.45
ENSG00000100000	RP11-1020 antisense	chr3	9958717	9962539	+	0.19	0.27
ENSG00000100000	RP11-497H lincRNA	chr5	70449636	70450353	+	1.72	1.13
ENSG00000100000	RP11-362K antisense	chr3	1.7E+08	1.7E+08	-	0.03	0
ENSG00000100000	RP1-232P2 antisense	chr6	5451683	5458075	-	0	0
ENSG00000100000	RP11-96H1 sense_intr	chr16	63066526	63066990	-	0	0
ENSG00000100000	RP3-430N8 lincRNA	chr22	30976515	30978848	-	0	0
ENSG00000100000	RP11-635N sense_intr	chr18	63485601	63486018	+	0	0
ENSG00000100000	AF003625. lincRNA	chrX	1.51E+08	1.51E+08	+	0	0
ENSG00000100000	RP11-276H lincRNA	chr9	87008455	87042126	-	0.03	0
ENSG00000100000	RP11-214K sense_intr	chr12	1.24E+08	1.24E+08	-	0.91	0.14
ENSG00000100000	LINC01930 lincRNA	chr1	97933474	97941746	-	0.5	0.08
ENSG00000100000	RP3-449M lincRNA	chr14	74471930	74472360	-	0	0.21
ENSG00000100000	RP11-218C lincRNA	chr20	23631826	23632316	-	0.92	0.17
ENSG00000100000	RP11-93H1 antisense	chr10	85644073	85648066	+	0	0
ENSG00000100000	RP11-178L antisense	chr16	87317509	87318043	+	0.21	0
ENSG00000100000	RP11-298P processed	chr13	32425358	32432954	-	0.02	0.37
ENSG00000100000	ZNF559-ZN protein_co	chr19	9324174	9382617	+	0	0.72
ENSG00000100000	LLOXNC01- lincRNA	chrX	49273054	49275768	+	0.46	0.51
ENSG00000100000	RP11-540B sense_intr	chr15	30926514	30928407	+	2.96	2.21
ENSG00000100000	RP11-932C antisense	chr15	30607695	30608193	-	0.45	0.33
ENSG00000100000	CTD-2576F lincRNA	chr15	94855586	94857011	-	0	0
ENSG00000100000	RP11-141B lincRNA	chr2	1.14E+08	1.14E+08	-	0.11	0.08
ENSG00000100000	RP11-463C lincRNA	chr16	86520383	86523897	-	0.02	0
ENSG00000100000	CTC-203F4 antisense	chr5	1.35E+08	1.35E+08	+	0.36	0.27
ENSG00000100000	RNU12 lincRNA	chr22	42615244	42615907	+	0	0
ENSG00000100000	C8orf44-SC protein_co	chr8	66667596	66860472	+	0.01	0.16
ENSG00000100000	BMS1P7 transcribed	chr10	48050282	48060016	-	0	0
ENSG00000100000	RP11-380L antisense	chr12	1.24E+08	1.24E+08	-	1.1	1.7
ENSG00000100000	RP11-326C lincRNA	chr11	325703	326294	-	0	0.13
ENSG00000100000	RP3-426I6. sense_intr	chr1	27819983	27820341	+	0	0.28
ENSG00000100000	RP11-51L5. protein_co	chr17	62272487	62282915	-	0	0
ENSG00000100000	RP11-338N lincRNA	chr1	7698303	7698872	-	0	0
ENSG00000100000	RP11-685G lincRNA	chr15	76343642	76344365	+	0	0
ENSG00000100000	RP11-1070 lincRNA	chr14	95644508	95645232	+	0	0
ENSG00000100000	RP11-571M lincRNA	chr12	57803838	57804415	+	0.86	0.4
ENSG00000100000	RP11-416A sense_intr	chr1	39206512	39206957	+	0	0.2
ENSG00000100000	RP11-214K sense_intr	chr12	1.24E+08	1.24E+08	-	0	0.52
ENSG00000100000	RP11-297D antisense	chr16	67481314	67505063	+	0.41	1.24
ENSG00000100000	RP4-769N1 antisense	chrX	1.03E+08	1.03E+08	-	0	0
ENSG00000100000	WI2-80269 lincRNA	chrX	1.51E+08	1.51E+08	+	0	0
ENSG00000100000	CTD-3092A sense_intr	chr15	30487963	30490313	+	6.04	6.33
ENSG00000100000	RP11-514D lincRNA	chr16	86221423	86222729	-	0	0
ENSG00000100000	RP11-88H1 sense_intr	chr3	65359268	65359717	-	0	0
ENSG00000100000	RP11-390K sense_intr	chr11	47168281	47169563	-	0.99	0.54

ENSG0000(RP11-214K sense_intron)	chr12	1.24E+08	1.24E+08	-	0.78	0.86
ENSG0000(RP11-248J sense_intron)	chr14	50723777	50724272	-	0.46	0.17
ENSG0000(SCARNA2 lincRNA)	chr1	1.09E+08	1.09E+08	+	0	0
ENSG0000(CTC-487M antisense)	chr5	1.13E+08	1.13E+08	+	0.2	0.33
ENSG0000(RP4-761J1 antisense)	chr12	6723233	6723687	+	0	0
ENSG0000(MIR222HG lincRNA)	chrX	45745211	45770274	-	1.51	2.03
ENSG0000(AP001172 lincRNA)	chr21	16291791	16308133	-	0	0
ENSG0000(RP11-750H sense_intron)	chr11	47513605	47514889	-	0	0.38
ENSG0000(TSPY6P unprocessed)	chrY	9507596	9510175	+	0	0
ENSG0000(RP11-351I2 lincRNA)	chr8	12412827	12414373	+	2.18	1.58
ENSG0000(RP11-127L antisense)	chr10	1.04E+08	1.04E+08	+	0	0
ENSG0000(AF131215 lincRNA)	chr8	11202965	11203671	+	0.37	0.21
ENSG0000(KB-1958F4 sense_intron)	chr8	97144170	97144723	+	0	0
ENSG0000(RP11-178L antisense)	chr16	87326987	87327584	+	0	0
ENSG0000(RP1-257I2 sense_intron)	chr22	42089630	42090028	-	0.43	0.23
ENSG0000(GAS5-AS1 antisense)	chr1	1.74E+08	1.74E+08	+	0.19	0.11
ENSG0000(RP11-399K lincRNA)	chr10	75279726	75401246	-	0	0
ENSG0000(RP11-529E lincRNA)	chr4	3544555	3548796	+	0	0.12
ENSG0000(RP11-7807 lincRNA)	chr17	19896590	19897287	-	0.39	0.86
ENSG0000(AP000473 lincRNA)	chr21	16643529	16645065	+	0	0
ENSG0000(RP11-245P antisense)	chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(RP11-214K sense_intron)	chr12	1.24E+08	1.24E+08	-	1.97	0
ENSG0000(RP11-362K antisense)	chr3	1.7E+08	1.7E+08	+	0	0.1
ENSG0000(LDHAL6EP processed)	chr4	71434405	71437924	-	0	0
ENSG0000(RP11-248J protein_coding)	chr10	95860548	95924844	+	0	0
ENSG0000(RP11-130L lincRNA)	chr2	20678254	20678932	-	0.1	0.11
ENSG0000(RNU11 lincRNA)	chr1	28648600	28648730	+	0	5.91
ENSG0000(RP11-245P lincRNA)	chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(RP11-326C lincRNA)	chr11	322186	322727	-	0	0
ENSG0000(TSNAX-DIS1 protein_coding)	chr1	2.32E+08	2.32E+08	+	0.1	0.13
ENSG0000(RP11-73M sense_intron)	chr14	1.04E+08	1.04E+08	+	1.56	1.29
ENSG0000(RP5-1139B antisense)	chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(RP11-271F lincRNA)	chr10	10418739	10462349	-	0	0
ENSG0000(RP11-742D processed)	chr18	46756487	46764408	+	0	0
ENSG0000(RP5-1048B antisense)	chr7	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-415J lincRNA)	chr1	33261212	33261680	+	0	0.18
ENSG0000(AP001429 sense_intron)	chr21	37100814	37101343	+	0.97	0.91
ENSG0000(AP000769 lincRNA)	chr11	65498010	65498405	-	0	0
ENSG0000(RP11-57A1 lincRNA)	chr16	28454141	28454511	-	0	0
ENSG0000(RP11-327F sense_intron)	chr16	50712844	50713589	+	0.09	0
ENSG0000(VTRNA2-1 vaultRNA)	chr5	1.36E+08	1.36E+08	-	6.44	0
ENSG0000(RP11-118F lincRNA)	chr16	85580009	85583571	-	0	0.13
ENSG0000(RP11-526I2 lincRNA)	chr15	1.01E+08	1.01E+08	-	0.26	0.29
ENSG0000(RP11-214K sense_intron)	chr12	1.24E+08	1.24E+08	-	1.39	0.46
ENSG0000(KB-1043D8 lincRNA)	chr8	96140572	96140944	-	0	0

ENSG0000(WISP1-OT1sense_intron)chr8	1.33E+08	1.33E+08	+	0	0.08
ENSG0000(CTC-303L1.sense_intron)chr5	94611906	94618122	-	0.2	0
ENSG0000(RP11-362Kantisense)chr3	1.7E+08	1.7E+08	+	0.16	0
ENSG0000(MINOS1-N)protein_coding)chr1	19596979	19658056	+	0	0
ENSG0000(CTC-137K3sense_intron)chr8	1.33E+08	1.33E+08	+	0	0
ENSG0000(AP001172.lincRNA)chr21	16417139	16419080	-	0	0
ENSG0000(RP5-1021I2sense_intron)chr14	73905267	73905636	+	0	0
ENSG0000(TERC)lincRNA)chr3	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-646I6)lincRNA)chr4	56396312	56396871	+	0.38	0.14
ENSG0000(RP11-544N)protein_coding)chr1	1.61E+08	1.61E+08	-	2.14	2.61
ENSG0000(RP11-419I1)lincRNA)chr8	12476462	12477122	+	0.2	0
ENSG0000(RP5-894A1sense_intron)chr7	1.42E+08	1.42E+08	-	1.67	1.55
ENSG0000(RP11-568J2)antisense)chr16	85792415	85792933	+	0	0
ENSG0000(RP11-264E)lincRNA)chr11	1.29E+08	1.29E+08	-	0	0
ENSG0000(LINC01480)lincRNA)chr19	41535183	41536904	+	0.07	0.04
ENSG0000(RP11-167P)sense_intron)chr16	67738588	67739922	-	0.25	0.14
ENSG0000(RP11-158D)processed)chr9	84078584	84078857	+	0	0
ENSG0000(LA16c-380I)protein_coding)chr16	2988256	3002016	+	0	0
ENSG0000(NCBP2-AS2)protein_coding)chr3	1.97E+08	1.97E+08	+	13.84	12.48
ENSG0000(RP11-338N)lincRNA)chr1	7693124	7694844	-	0	0
ENSG0000(RP1-256G2)antisense)chr6	5664985	5695272	-	0	0
ENSG0000(RP11-793H)antisense)chr12	53500162	53500936	-	0.67	0.82
ENSG0000(CTD-2410N)lincRNA)chr5	1.34E+08	1.34E+08	+	0.08	0.4
ENSG0000(RP11-494H)lincRNA)chr3	1.8E+08	1.8E+08	+	0	0
ENSG0000(RP11-159N)sense_intron)chr11	1.13E+08	1.13E+08	+	0.43	1.29
ENSG0000(BIVM-ERCC)protein_coding)chr13	1.03E+08	1.03E+08	+	14.74	13.54
ENSG0000(RP1-170O1)sense_intron)chr7	27158344	27158976	+	0	0
ENSG0000(RP11-568J2)antisense)chr16	85784382	85787617	+	0	0
ENSG0000(IGHD1OR1)IG_D_gene)chr15	21017800	21017816	-	0	0
ENSG0000(IGKV1OR2-IG_V_pseudogene)chr2	97386082	97386368	+	0	0
ENSG0000(MTRNR2L1)protein_coding)chr1	2.38E+08	2.38E+08	-	0	0
ENSG0000(RP11-803D)lincRNA)chr2	1.11E+08	1.11E+08	-	0	0.13
ENSG0000(BNIP3P31)processed)chr19	22298977	22299868	-	0	0
ENSG0000(MRPS35P3)processed)chr10	57982285	57982993	+	0	0
ENSG0000(RP11-440D)processed)chr2	95616492	95617233	+	0	0
ENSG0000(RP11-259K)antisense)chr3	37241789	37244177	-	1.91	1.87
ENSG0000(RP11-572C)lincRNA)chr4	1712821	1713622	+	0.96	1.49
ENSG0000(RP11-550A)processed)chr7	29551521	29552151	+	0	0
ENSG0000(RP5-1136G)processed)chr7	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-89C3)processed)chr11	1.11E+08	1.11E+08	-	0	0
ENSG0000(RP11-172C)processed)chr11	1.15E+08	1.15E+08	+	0	0
ENSG0000(RP11-157E)antisense)chr3	7606890	7607897	-	0	0
ENSG0000(RP4-592A1)processed)chr1	58552913	58553333	-	0	0
ENSG0000(RP11-373D)lincRNA)chr2	28425945	28426719	+	0.08	0
ENSG0000(CTD-2540B)lincRNA)chr19	33283978	33285739	-	0	0

ENSG0000(RP11-325L: processed_ chr15	65026088	65026676	+	0	0
ENSG0000(DUXAP11 processed_ chr16	59655602	59656336	+	0	0
ENSG0000(MTCO2P22 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(AC006548. processed_ chr22	17012404	17012932	+	0	0
ENSG0000(RP11-453E processed_ chr4	67718996	67724262	-	0	0
ENSG0000(MTND6P22 processed_ chr5	1E+08	1E+08	+	0	0
ENSG0000(NBPF8 unprocessε chr1	1.2E+08	1.2E+08	+	8.65	9.96
ENSG0000(MTCYBP22 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(RP11-575N processed_ chr10	8724010	8724288	+	0	0
ENSG0000(RP11-265B processed_ chr9	69107926	69108217	-	0	0
ENSG0000(AC015849. antisense chr17	35868967	35885863	+	0.1	0.39
ENSG0000(RP4-657M: processed_ chr1	34276859	34277292	-	0	0
ENSG0000(ACTR3BP1 processed_ chrY	11395699	11397076	+	0	0
ENSG0000(RP11-779C processed_ chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-123J: processed_ chr4	76886029	76886370	-	0	0
ENSG0000(CTC-471J1. processed_ chr19	52110318	52110726	-	0.82	0
ENSG0000(RP11-514P protein_co chr7	1.03E+08	1.03E+08	-	0.54	0.2
ENSG0000(RP6-166C1 processed_ chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(IGKV3OR2- IG_V_pseu chr2	97348899	97349179	+	0	0
ENSG0000(RP11-420B processed_ chr8	19001627	19001950	+	0	0
ENSG0000(RP11-17P1 processed_ chr4	67638177	67638359	+	0	0
ENSG0000(DUXAP4 processed_ chr10	45055656	45056268	+	0	0
ENSG0000(RP13-122B processed_ chr9	1.37E+08	1.37E+08	+	0	0
ENSG0000(NDUFB8P2 processed_ chr17	59885015	59885552	+	0	0
ENSG0000(RP11-731D lincRNA chr4	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP1-164L1: processed_ chrX	79369364	79370165	-	0	0
ENSG0000(IMMP1LP1 processed_ chr11	63632233	63632720	+	0	0
ENSG0000(BNIP3P10 processed_ chr19	19870723	19871299	-	0.12	0
ENSG0000(RP11-242C processed_ chr12	39539581	39539851	-	0	0
ENSG0000(TRMT112P processed_ chr8	54479597	54479963	-	0	0
ENSG0000(HIST2H4B protein_co chr1	1.5E+08	1.5E+08	-	1.77	2.28
ENSG0000(RP11-65L3. antisense chr2	1.79E+08	1.79E+08	+	0.19	0.07
ENSG0000(RP4-806M: lincRNA chr20	58754351	58756838	+	0	0
ENSG0000(RP11-265D processed_ chrX	43000174	43000396	+	0	0
ENSG0000(CTC-523E2 processed_ chr19	34779412	34780021	-	0	0
ENSG0000(RP5-1115A processed_ chr1	8512653	8513021	+	0	0
ENSG0000(RP11-1029 processed_ chr3	48039267	48039490	+	0	0
ENSG0000(RP11-118H processed_ chr1	2.26E+08	2.26E+08	-	0	0
ENSG0000(RP11-512G processed_ chr2	1.8E+08	1.8E+08	-	0	0
ENSG0000(RP11-453E processed_ chr4	67725183	67726395	-	0	0
ENSG0000(CTC-360J1: processed_ chr19	57150513	57150978	+	0	0
ENSG0000(XIAPP1 processed_ chr10	1.1E+08	1.1E+08	+	0	0
ENSG0000(STX8P1 processed_ chr12	12771351	12771705	-	0	0
ENSG0000(RP5-850E9 protein_co chr20	646626	675800	-	0	0
ENSG0000(PHACTR2P: transcribed chr10	1.2E+08	1.2E+08	-	0.08	0

ENSG0000(WI2-2334D processed_ chr15	28857882	28858398	-	0	0
ENSG0000(RP11-461L lincRNA chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-597G processed_ chr15	37253879	37254952	+	0	0
ENSG0000(RP3-437C1 processed_ chr6	51385282	51385849	-	0	0
ENSG0000(MTATP6P2 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(RP3-3770E processed_ chrX	99656997	99657381	+	0	0
ENSG0000(COX6CP16 processed_ chr16	85278820	85279035	-	0	0
ENSG0000(GS1-165B1 processed_ chr7	7735743	7736851	-	0	0
ENSG0000(BORCS7-AS protein_co chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000(AC004004. processed_ chr19	22501699	22501948	-	0	0
ENSG0000(IGHV3OR1 IG_V_pseu chr16	33858896	33859352	-	0	0
ENSG0000(RP11-2L8.2 lincRNA chr3	1.78E+08	1.78E+08	-	0	0
ENSG0000(RP11-697E unprocessε chr15	90281848	90282031	-	0	0
ENSG0000(AP000860. processed_ chr11	73640479	73641037	+	0	0
ENSG0000(RP11-180P processed_ chr17	62978494	62978841	-	0	0
ENSG0000(BNIP3P9 processed_ chr19	19856975	19857527	+	0	0
ENSG0000(RP5-874C2 processed_ chr6	28319660	28319852	-	0	0
ENSG0000(RP11-33E1 processed_ chr8	56776283	56776874	+	0	0
ENSG0000(RP5-892F1. processed_ chr1	7942372	7942726	+	0	0
ENSG0000(SMC2-AS1 lincRNA chr9	1.04E+08	1.04E+08	-	0.61	0.45
ENSG0000(RP11-566F processed_ chr10	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-642D processed_ chr2	62348948	62350739	-	0	0
ENSG0000(RP11-521F processed_ chr4	1.68E+08	1.68E+08	-	0	0
ENSG0000(CH17-385C protein_co chr1	1.46E+08	1.46E+08	-	0	0
ENSG0000(RP11-478L. processed_ chr1	1.07E+08	1.07E+08	-	0	0
ENSG0000(UNGP3 processed_ chr14	81259565	81260239	-	0	0
ENSG0000(POC1B-AS1 antisense chr12	89525654	89548005	+	0.21	0.24
ENSG0000(CTC-33909 unprocessε chr19	53657400	53658462	-	0	0
ENSG0000(MTND4LP5 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(RP11-111N processed_ chr10	63658074	63658521	+	0	0
ENSG0000(RP11-547N processed_ chr2	64208498	64208716	-	0	0
ENSG0000(IGHV1OR1 IG_V_pseu chr15	22194885	22195317	-	0	0
ENSG0000(RP11-2G1. processed_ chr14	48319068	48319394	-	0	0
ENSG0000(RP11-307C lincRNA chr1	1.55E+08	1.55E+08	+	0	0
ENSG0000(HMGN3-AS antisense chr6	79233718	79236797	+	0.26	0.32
ENSG0000(RP11-331G processed_ chr3	39285985	39287920	+	0.62	0.81
ENSG0000(RP11-144G processed_ chr10	47484457	47484754	-	0	0
ENSG0000(RP11-417P processed_ chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-109M lincRNA chr9	10948372	10948481	-	0	0
ENSG0000(RP11-384L. processed_ chr3	32243847	32244018	-	0	0
ENSG0000(RP11-108K processed_ chr15	51351100	51351192	-	0	0
ENSG0000(HEATR9 protein_co chr17	35854946	35868891	-	0	0
ENSG0000(RP11-470L. antisense chr1	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-290D processed_ chr13	45263690	45263915	+	0	0
ENSG0000(RP1-152L7. processed_ chr6	52657373	52657651	+	0	0

ENSG0000(U1	snRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG0000(GS1-21A4.	processed	chr16	87892955	87893735	+	0	0
ENSG0000(RP11-315D	processed	chr4	1.48E+08	1.48E+08	-	0	0
ENSG0000(MTCO3P22	processed	chr5	1E+08	1E+08	-	0	0
ENSG0000(RP11-470B	processed	chr2	1.43E+08	1.43E+08	-	0	0
ENSG0000(PFN1P2	transcribed	chr1	1.2E+08	1.2E+08	-	0.88	0.69
ENSG0000(AC000095.	processed	chr22	19018043	19018916	-	0.07	0.08
ENSG0000(MTRNR2L1	protein_co	chr4	1.16E+08	1.16E+08	+	0	0
ENSG0000(MREGP1	processed	chr12	31254361	31254445	-	0	0
ENSG0000(RP6-166C1	processed	chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-464I	processed	chr13	83145540	83145903	+	0	0
ENSG0000(RP11-812E	unprocess	chr16	33965655	33966091	-	0	0
ENSG0000(CTC-412M:	processed	chr19	19708965	19710465	+	0	0
ENSG0000(RP11-35P1	lincRNA	chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP11-208G	processed	chr7	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-44D5	transcribed	chr3	15732252	15733470	+	0	0
ENSG0000(RP13-379L	processed	chr20	58097267	58097591	+	0	0
ENSG0000(RP11-92C4	antisense	chr9	98943337	98943775	-	0	0.2
ENSG0000(RP11-810C	processed	chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(DPPA3P3	processed	chr13	81114866	81115295	-	0	0
ENSG0000(REXO1L4P	processed	chr8	85802574	85806435	-	0	0
ENSG0000(CAHM	lincRNA	chr6	1.63E+08	1.63E+08	-	0.49	0.77
ENSG0000(RP11-351C	processed	chr10	63358745	63359104	+	0	0
ENSG0000(AL133247.	processed	chr2	31651381	31651862	+	0	0
ENSG0000(RP11-361A	processed	chr11	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-1348	processed	chr16	28749959	28750595	-	0	0
ENSG0000(CTA-369K2	processed	chr7	1.09E+08	1.09E+08	-	0	0
ENSG0000(RP11-326I	sense_intr	chr4	1.84E+08	1.84E+08	-	0.39	0
ENSG0000(NRBF2P5	processed	chr10	5776071	5776858	+	0	0
ENSG0000(KNOP1P2	processed	chr12	45880950	45882266	-	0	0
ENSG0000(RP11-42L1:	processed	chr5	29105568	29106861	-	0	0
ENSG0000(RP1-241P1	processed	chrX	1.16E+08	1.16E+08	+	0	0
ENSG0000(OR7E108P	unprocess	chr9	90751240	90752230	-	0	0
ENSG0000(RP11-124D	transcribed	chr14	23293852	23295798	+	0.12	0.1
ENSG0000(RP11-175I	processed	chr10	45812648	45812944	-	0	0
ENSG0000(RP11-304C	processed	chr11	6297189	6298606	-	0	0
ENSG0000(RP11-511I	processed	chr2	63083008	63087322	+	0	0
ENSG0000(RP11-19H6	processed	chr16	5838131	5838661	-	0	0
ENSG0000(RP11-694I	unprocess	chr3	49140086	49160851	-	0.03	0.03
ENSG0000(CTB-95D12	processed	chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP1-223H1	processed	chr1	1.82E+08	1.82E+08	-	0	0
ENSG0000(AZU1P1	processed	chr13	39856710	39857094	-	0	0
ENSG0000(RP11-972P	processed	chr12	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP6-43L17.	processed	chrX	87806433	87806769	-	0	0
ENSG0000(RP11-569H	processed	chr2	59514890	59515124	+	0	0

ENSG0000(RP11-681H)processed_chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(IGKV2OR2-IG_V_pseu)chr2	97372532	97372835	+	0	0
ENSG0000(IGHD4OR1.IG_D_gene)chr15	21011451	21011469	-	0	0
ENSG0000(CTB-10G5.:processed)chr7	92442077	92442489	+	0	0
ENSG0000(PABPC1P5)processed_chrY	11335627	11337693	+	0	0
ENSG0000(RP6-166C1)processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-467C)lincRNA_chr1	59289303	59289640	-	0	0
ENSG0000(RP11-644F)processed_chr12	55662337	55662501	-	0	0
ENSG0000(RP11-796E)lincRNA_chr2	1.74E+08	1.74E+08	+	0	0
ENSG0000(RP11-342K)antisense_chr2	75697583	75697996	+	0	0
ENSG0000(IGHV3OR1.IG_V_gene)chr16	33802764	33803217	+	0	0
ENSG0000(RP11-411B)processed_chr18	14053951	14054761	+	0	0
ENSG0000(RP11-601H)processed_chr2	78437850	78438921	+	0	0
ENSG0000(IGHV3OR1.IG_V_gene)chr16	32066065	32066358	+	0	0
ENSG0000(IGHV3-29)IG_V_pseu)chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CTC-451A6)processed_chr19	22708834	22709314	-	0	0
ENSG0000(RP1-72E17)processed_chr6	3693923	3694075	-	0	0
ENSG0000(BNIP3P37)processed_chr19	23123188	23124088	-	0	0
ENSG0000(RP11-57B2)processed_chr4	82691737	82692468	+	0	0
ENSG0000(RP11-131L)lincRNA_chr12	1.18E+08	1.18E+08	-	0.11	0
ENSG0000(RP3-399J4)processed_chr6	94442030	94443809	-	0	0
ENSG0000(RP11-230C)antisense_chr6	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP11-245G)processed_chr2	10874291	10874567	-	0	0
ENSG0000(RP11-622C)processed_chr15	66808404	66810560	+	0.15	0.14
ENSG0000(RP4-743O1)processed_chr11	34742906	34743199	+	0	0
ENSG0000(RP13-685P)processed_chr3	1.29E+08	1.29E+08	+	0.16	0
ENSG0000(RP6-166C1)processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-119F)processed_chr10	68717311	68717795	-	0	0
ENSG0000(CTD-2134P)processed_chr5	28808538	28809255	+	0	0
ENSG0000(BNIP3P7)processed_chr13	18491904	18492419	+	0	0
ENSG0000(RP1-290F1)processed_chrX	53065053	53065548	-	0	0
ENSG0000(MKI67P1)processed_chrX	46560928	46562749	-	0	0
ENSG0000(COX6CP4)processed_chr15	36571985	36572212	+	0	0
ENSG0000(YTHDF2P1)processed_chr14	39215065	39216335	+	0	0
ENSG0000(RP11-420L)antisense_chr6	3751111	3753871	+	4.16	4.86
ENSG0000(IGHV1OR1.IG_V_gene)chr15	22160431	22160868	-	0	0
ENSG0000(RP11-511B)processed_chr12	93035261	93035744	+	0	0
ENSG0000(CTA-21C21)processed_chr1	88313153	88313302	+	0	0
ENSG0000(RP11-301G)processed_chr6	67933485	67934682	+	0	0
ENSG0000(RP11-777F)processed_chr11	87323709	87324359	-	0	0
ENSG0000(RP5-1136G)processed_chr7	1.4E+08	1.4E+08	+	0	0
ENSG0000(RP11-116B)processed_chr5	42729138	42729519	+	0	0
ENSG0000(RP11-500N)processed_chr7	1.19E+08	1.19E+08	-	0	0
ENSG0000(CTB-159G1)unprocess€)chr19	22770937	22771191	+	1.7	0
ENSG0000(RP11-24C1)processed_chr6	66710242	66710827	-	0	0

ENSG0000(RP11-168P lincRNA chr13	43787591	43787852	+	0.48	0
ENSG0000(RP11-145P sense_intronic chr15	25130978	25131337	+	0	0
ENSG0000(QTRT1P1 processed_chrx	1.14E+08	1.14E+08	+	0	0
ENSG0000(SNRPGP19 processed_chr11	65514403	65514923	-	0	0
ENSG0000(RP11-6741J processed_chr2	28015777	28016482	-	0	0
ENSG0000(RP11-169K processed_chr3	11529488	11529755	-	0	0
ENSG0000(PEBP1P2 processed_chr2	85341281	85341838	-	0.13	0
ENSG0000(bp-21201H transcribed chr21	9975017	10119309	-	0.04	0.43
ENSG0000(ELOCP34 processed_chry	25662900	25663226	+	0	0
ENSG0000(RP11-3B7.7 processed_chr3	49252129	49252264	-	0	0
ENSG0000(RP11-785G antisense chr2	2.36E+08	2.36E+08	+	0	0
ENSG0000(RP11-478B processed_chr10	55746551	55746908	+	0	0
ENSG0000(RP11-311H processed_chr9	33449755	33449941	+	0	0
ENSG0000(CTC-523E2 lincRNA chr19	34902202	34904195	-	0	0
ENSG0000(LINC01235 lincRNA chr9	13406380	13433053	-	0.07	0.26
ENSG0000(RP11-293K processed_chr1	62530636	62530873	+	0	0
ENSG0000(IGHV3-30 IG_V_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(DUXAP3 unprocessed chr10	42747544	42748687	-	0	0
ENSG0000(RP11-15E1 processed_chr17	60513190	60513550	+	0	0
ENSG0000(RP11-225N processed_chr3	1.83E+08	1.83E+08	-	0	0
ENSG0000(RP11-1394 processed_chr7	72768798	72769191	+	0	0
ENSG0000(RP11-546J: lincRNA chr2	1.58E+08	1.58E+08	+	0	0.08
ENSG0000(CTD-2124B processed_chr5	37286449	37286977	-	0.55	0
ENSG0000(APOOP1 processed_chr5	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-154H lincRNA chr3	71584943	71587409	+	0.22	0
ENSG0000(RP11-127H processed_chr2	57429548	57430693	-	0	0
ENSG0000(RP1-85D24 processed_chry	11107719	11107887	-	0	0
ENSG0000(RP11-355F antisense chr2	75154366	75189949	+	0	0.05
ENSG0000(RP11-171I: antisense chr2	1.79E+08	1.79E+08	+	0.52	0.23
ENSG0000(RP11-21M: processed_chr1	1.78E+08	1.78E+08	-	0	0
ENSG0000(RP5-1021I: processed_chr14	73840520	73840609	-	0	0
ENSG0000(RP5-1147A processed_chr7	40115685	40115943	+	0	0
ENSG0000(RP11-712B processed_chr11	95145437	95146004	+	0	0
ENSG0000(PKD1P6-NF processed_chr16	15104723	15131601	-	13.07	10.66
ENSG0000(RP11-471G processed_chrx	95720243	95721144	+	0	0
ENSG0000(RP11-362B processed_chr7	1.56E+08	1.56E+08	+	0	0
ENSG0000(RP11-568G processed_chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(RP11-51F1 processed_chr17	63610772	63611184	-	0	0
ENSG0000(RP11-810F processed_chr11	39873782	39874388	+	0	0
ENSG0000(RP11-348N antisense chr10	1.11E+08	1.11E+08	+	0.1	0.19
ENSG0000(RP11-73M: transcribed chr14	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-455J: processed_chr7	16849957	16850725	-	0	0
ENSG0000(RP11-396C processed_chr1	2.26E+08	2.26E+08	+	0	0
ENSG0000(PRAMEF5 protein_coding chr1	13254212	13263314	+	0	0
ENSG0000(HCG17 lincRNA chr6	30234039	30326134	-	0.18	0.11

ENSG0000(RP5-1092A antisense)	chr1	28239509	28241453	-	0.22	0.16
ENSG0000(RP11-713H processed)	chr17	8560471	8560962	+	0	0
ENSG0000(RP11-359E lincRNA)	chr11	19710934	19712619	-	1.48	1.18
ENSG0000(RP11-486C processed)	chr14	70234495	70235095	+	0	0
ENSG0000(GS1-69O6. processed)	chr7	9850924	9851386	+	0	0
ENSG0000(RP11-34P1 processed)	chr5	1.6E+08	1.6E+08	+	0	0
ENSG0000(CTC-325H2 processed)	chr19	9348106	9348703	-	0	0
ENSG0000(SGO1P1 processed)	chr1	69606855	69608301	-	0	0
ENSG0000(URGCP-MR protein_co)	chr7	43866558	43906589	-	0	0
ENSG0000(RP11-388E unprocessε)	chr14	23767662	23768998	+	0	0
ENSG0000(RP11-197B processed)	chrX	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP1-134O1 unprocessε)	chr1	15917698	15917908	-	0	0
ENSG0000(SPCS2P2 processed)	chr10	1E+08	1E+08	-	0	0
ENSG0000(LOC401913 processed)	chr19	34866352	34866919	+	0	0
ENSG0000(RP4-555N2 processed)	chrX	1.19E+08	1.19E+08	-	0	0
ENSG0000(RP11-216F processed)	chr9	78589158	78589539	+	0	0
ENSG0000(NBPF14 protein_co)	chr1	1.49E+08	1.49E+08	-	22.89	22.12
ENSG0000(RP11-710N processed)	chr1	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-340C processed)	chr13	1E+08	1E+08	-	0	0
ENSG0000(RP4-777G9 processed)	chr7	1.48E+08	1.48E+08	-	0	0
ENSG0000(RP3-466P1 lincRNA)	chr6	1.46E+08	1.46E+08	+	0.1	0.04
ENSG0000(ECM1P1 processed)	chr9	4768617	4769895	-	0	0
ENSG0000(RP11-373D sense_intr)	chr2	28396815	28397110	+	0	0
ENSG0000(TSIX lincRNA)	chrX	73792205	73829231	+	0.07	0.08
ENSG0000(RP6-166C1 processed)	chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(TAF15 protein_co)	chr17	35713791	35864615	+	55.45	54.7
ENSG0000(CYP2C61P processed)	chr10	64762883	64763172	-	0	0
ENSG0000(DPRXP5 processed)	chr21	36943267	36944125	+	0	0
ENSG0000(NUTF2P8 processed)	chr2	21362292	21364025	-	0	0
ENSG0000(RP1-20N2. processed)	chr6	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-105N lincRNA)	chr2	2.13E+08	2.13E+08	+	0.1	0
ENSG0000(RP1-142L7. lincRNA)	chr6	1.12E+08	1.12E+08	-	0.03	0
ENSG0000(RP11-544H processed)	chr2	2.03E+08	2.03E+08	+	0	0.92
ENSG0000(HNRNPA1F processed)	chr4	72807267	72808192	+	0	0
ENSG0000(XXbac-BPG processed)	chr6	27515039	27515274	-	0	0
ENSG0000(CTB-179I1. processed)	chr4	77216416	77216878	-	0	0
ENSG0000(MARK2P16 processed)	chr10	89837612	89839334	-	0	0
ENSG0000(MTRNR2L6 protein_co)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(YTHDF3-AS lincRNA)	chr8	63167725	63168442	-	0.37	0.81
ENSG0000(RP11-294L. processed)	chr2	36656322	36656941	-	0	0
ENSG0000(RP6-166C1 processed)	chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(CTC-512J1. processed)	chr19	44290081	44290911	+	0	0
ENSG0000(RP11-351N processed)	chr13	29339566	29339869	-	0	0
ENSG0000(RP11-372K antisense)	chr4	1.51E+08	1.51E+08	+	0	0.12
ENSG0000(KB-1907C4 processed)	chr8	97788210	97788357	-	0	0

ENSG0000(FAM71BP1 processed_ chr9	25937912	25938434	+	0	0
ENSG0000(IGHV1OR1:IG_V_pseu chr15	20639464	20639890	-	0	0
ENSG0000(RP11-507D processed_ chr9	86228815	86228983	+	0	0
ENSG0000(BUD13P1 processed_ chr11	95143637	95145125	+	0.15	0
ENSG0000(RP11-349G processed_ chr15	65458574	65459534	+	0	0
ENSG0000(RP11-403N processed_ chr9	79850871	79851498	+	0	0
ENSG0000(RP11-535E processed_ chr7	72722885	72723089	+	0	0
ENSG0000(RP1-21P18 processed_ chr6	4529722	4530008	+	0	0
ENSG0000(RP11-342K antisense chr2	75660462	75662208	+	2.97	2.59
ENSG0000(RP11-381K lincRNA chr5	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-568J: processed_ chr16	85814425	85815062	-	0	0
ENSG0000(RP11-292K processed_ chr2	1E+08	1E+08	+	0	0
ENSG0000(RP11-876F processed_ chr11	81842435	81842669	-	0	0
ENSG0000(RP11-107F processed_ chr15	41718370	41718672	-	0	0
ENSG0000(RP11-701H sense_intr chr15	24984864	24985173	+	0	0
ENSG0000(RP11-736N processed_ chr14	1.03E+08	1.03E+08	+	0	0
ENSG0000(PRMT1P1 processed_ chr5	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-568G processed_ chr1	2.2E+08	2.2E+08	+	0	0
ENSG0000(GS1-115M: processed_ chrX	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-293G processed_ chr1	2.36E+08	2.36E+08	+	0	0
ENSG0000(RP11-46A1 processed_ chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(RP11-378I: processed_ chr9	19957394	19958147	-	0	0
ENSG0000(RP11-506K processed_ chr14	38973399	38974085	-	0	0
ENSG0000(MINOS1P2 processed_ chr17	64747264	64747492	-	0	0
ENSG0000(BNIP3P15 processed_ chr19	20136933	20137233	+	0	0
ENSG0000(RP11-421H processed_ chr12	39170646	39170880	+	0	0
ENSG0000(RP11-134N processed_ chr1	1.18E+08	1.18E+08	-	0	0
ENSG0000(RP11-84C1 lincRNA chr4	89119284	89119871	+	0.24	0
ENSG0000(U1 snRNA chr1	1.45E+08	1.45E+08	-	0	0
ENSG0000(RPL23AP92 processed_ chr2	69873565	69873819	-	0	0
ENSG0000(RP11-383H lincRNA chr13	97939356	97953539	+	0	0
ENSG0000(AJ271736.1 processed_ chrX	1.56E+08	1.56E+08	+	0	0
ENSG0000(AJ271736.1 processed_ chrY	57190738	57208756	+	0	0
ENSG0000(RP11-51E2 processed_ chr10	20547171	20547422	+	0	0
ENSG0000(RP4-657E1 processed_ chr1	19297080	19297903	+	0	0
ENSG0000(RP4-669B1 processed_ chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-231P processed_ chr1	26263041	26263398	-	0	0
ENSG0000(RP11-719K processed_ chr16	14862380	14862749	-	0	0
ENSG0000(RP6-166C1 processed_ chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-608C processed_ chr3	16275060	16276632	-	0	0
ENSG0000(PRELID3BP processed_ chr5	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP4-802A1 sense_intr chr1	61124733	61125202	+	0	0
ENSG0000(RP13-324D processed_ chrX	88982215	88982353	-	0	0
ENSG0000(RP11-344N processed_ chrX	48336899	48337169	-	0	0
ENSG0000(IGKV2OR2-IG_V_pseu chr2	97046588	97046891	+	0	0

ENSG0000(RP11-368M) processed_chr7	57629285	57630151	+	0	0
ENSG0000(RP11-461L) lincRNA_chr4	1.52E+08	1.52E+08	-	0	0
ENSG0000(FBXW7-AS) antisense_chr4	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-693I) processed_chr11	97086160	97086682	-	0	0
ENSG0000(NEK4P3) processed_chr10	65054460	65055003	+	0	0
ENSG0000(RP11-138E) lincRNA_chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(HSPE1-MO) protein_co_chr2	1.98E+08	1.98E+08	+	13.38	9.8
ENSG0000(CTD-2324A) processed_chrX	39791580	39791904	-	0	0
ENSG0000(AD001527) antisense_chr19	36144081	36148348	-	0	0
ENSG0000(RP11-385F) lincRNA_chr6	47477243	47477572	-	0	0.33
ENSG0000(FXYD6P1) processed_chr10	42555440	42555724	+	0	0
ENSG0000(DDX43P2) processed_chr7	49258493	49259846	-	0	0
ENSG0000(CTB-152G1) processed_chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(GAS2L2) protein_co_chr17	35744511	35752878	-	0.29	0.27
ENSG0000(RP11-627K) processed_chr12	31244440	31244685	+	0	0
ENSG0000(RP11-733D) processed_chr10	44488335	44488445	-	0	0
ENSG0000(RP6-166C1) processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(PDHA1P1) processed_chr3	57800056	57801448	-	0	0
ENSG0000(RP13-685P) processed_chr3	1.29E+08	1.29E+08	+	0	0
ENSG0000(AP000436) processed_chr11	65025390	65026515	-	0.08	0
ENSG0000(RP11-17G1) processed_chr2	1.53E+08	1.53E+08	-	0	0
ENSG0000(RP11-103J) lincRNA_chr20	11001304	11001763	+	0	0.19
ENSG0000(BUB1P1) processed_chr10	1.28E+08	1.28E+08	+	0	0
ENSG0000(CTD-2026D) processed_chr5	1.11E+08	1.11E+08	+	0	0
ENSG0000(RP4-590F2) processed_chr1	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-501C) processed_chr17	48899131	48899748	+	0	0
ENSG0000(RP11-500K) processed_chr3	1.21E+08	1.21E+08	-	0	0
ENSG0000(PDLIM1P1) processed_chr14	50050368	50051336	+	0	0
ENSG0000(RP11-632K) processed_chr15	32461666	32461809	-	0	0
ENSG0000(CTC-360J1) processed_chr19	57151587	57151860	-	0	0
ENSG0000(DPRXP6) processed_chrX	40758483	40759050	+	0	0
ENSG0000(RP11-103J) antisense_chr20	10672928	10994924	+	0.31	0.51
ENSG0000(LLPHP1) processed_chr20	20721187	20721879	+	0	0
ENSG0000(GS1-383H3) processed_chrX	30209423	30210209	+	0	0
ENSG0000(RP5-1173I) processed_chr7	39788967	39789304	-	0	0
ENSG0000(RP11-416H) processed_chr2	1.22E+08	1.22E+08	-	0	0
ENSG0000(RP11-451F) processed_chr2	1.74E+08	1.74E+08	+	0	0
ENSG0000(RPS10-NU1) protein_co_chr6	34284887	34426071	-	4.38	2.45
ENSG0000(AC005776) processed_chr19	15338948	15339237	+	0	0
ENSG0000(CTD-2583A) transcribed_chr19	57867885	57868834	+	2.16	4.51
ENSG0000(C17orf50) protein_co_chr17	35760897	35765079	+	0	0
ENSG0000(RP13-359K) processed_chr12	33717853	33718217	+	0	0
ENSG0000(RP11-574K) processed_chr10	73740538	73740823	-	0	0
ENSG0000(CHCHD2P1) processed_chr13	42181465	42181921	-	0	0
ENSG0000(RP11-393K) processed_chr10	7154120	7154236	+	0	0

ENSG0000(CTA-326K9 processed_ chr7	88455309	88456191	+	0	0
ENSG0000(NANOGNB processed_ chrX	1.01E+08	1.01E+08	-	0	0
ENSG0000(TMEM261I processed_ chr15	25169337	25169676	-	0	0
ENSG0000(RP11-56O1 processed_ chr2	1.25E+08	1.25E+08	-	0	0
ENSG0000(LINC00221 lincRNA_ chr14	1.06E+08	1.07E+08	+	0	0
ENSG0000(RP11-498M processed_ chr1	2.43E+08	2.43E+08	-	0	0
ENSG0000(RP11-355B antisense_ chr2	61471188	61484130	+	2.66	3.17
ENSG0000(RP11-730B processed_ chr7	5009164	5009328	-	0	0
ENSG0000(RP11-2E11 antisense_ chr7	1.3E+08	1.3E+08	-	0.07	0
ENSG0000(IGHD5OR1.IG_D_gene_ chr15	21010494	21010516	-	0	0
ENSG0000(RP1-60G11 processed_ chrX	93776911	93777384	-	0	0
ENSG0000(RP3-466P1 lincRNA_ chr6	1.46E+08	1.46E+08	-	0	0
ENSG0000(AC015849. lincRNA_ chr17	35808489	35808897	-	0	0
ENSG0000(RP11-317C processed_ chr5	50903608	50903743	+	0	0
ENSG0000(NF1P1 unprocessε_ chr15	20916686	20935658	-	0	0
ENSG0000(RP1-168P1 processed_ chr16	89458870	89459437	+	0	0
ENSG0000(AP001425. transcribed_ chr21	38204141	38206080	-	0	0
ENSG0000(HNRNPDLF processed_ chr19	58049046	58049346	-	0	0
ENSG0000(RP5-1004Iε processed_ chr20	22343693	22343930	-	0	0
ENSG0000(CTC-571O2 processed_ chr5	1.75E+08	1.75E+08	-	0	0
ENSG0000(RP11-57B2 processed_ chr4	82775461	82776101	+	0	0
ENSG0000(RP11-674I1 processed_ chr2	27896116	27897195	-	0	0
ENSG0000(CHCHD2P3 processed_ chr19	34126973	34127423	+	0	0
ENSG0000(RP11-395N processed_ chr1	32421979	32422319	+	0	0
ENSG0000(RP11-355I2 unprocessε_ chr14	62150656	62152258	-	0	0
ENSG0000(RP11-863N processed_ chr18	22418829	22419294	-	0	0
ENSG0000(RP11-429G processed_ chr13	61927090	61927272	-	0	0
ENSG0000(RP11-757G processed_ chr12	12248991	12249427	+	0.18	0
ENSG0000(VDAC1P5 processed_ chr12	54802746	54803589	-	0	0
ENSG0000(RP11-435Iε processed_ chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(KB-1589B1 processed_ chr8	97853021	97853253	-	0	0
ENSG0000(DDX55P1 processed_ chr12	11512723	11514136	+	0	0
ENSG0000(IGHV3OR1.IG_V_pseu_ chr16	32915074	32915536	+	0	0
ENSG0000(RPL12P48 processed_ chr8	37983070	37983373	+	0	0
ENSG0000(RP11-706J. lincRNA_ chr8	76403998	76405091	+	0	0
ENSG0000(RP11-864G processed_ chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(GS1-531I17 processed_ chr17	65654914	65655395	+	0	0
ENSG0000(AC015849. antisense_ chr17	35816717	35830293	-	0	0
ENSG0000(SRGAP2D unprocessε_ chr1	1.44E+08	1.44E+08	+	12.21	10.95
ENSG0000(RPAP2P1 processed_ chr10	86854696	86856236	-	0	0
ENSG0000(ZNF30-AS1 lincRNA_ chr19	34923299	34926812	-	0	0
ENSG0000(CTD-2302E processed_ chr14	63594031	63595291	-	0.09	0
ENSG0000(RP11-255E processed_ chr3	1.14E+08	1.14E+08	+	0	0
ENSG0000(HIST2H4A protein_co_ chr1	1.5E+08	1.5E+08	+	7.99	5.8
ENSG0000(RP11-461L. lincRNA_ chr4	1.52E+08	1.52E+08	-	0	0

ENSG0000(RASL10B protein_co chr17	35731649	35743521	+	2.68	3.05
ENSG0000(RP11-609L processed_ chr7	35971147	35971567	-	0	0
ENSG0000(RP3-468K1 processed_ chr6	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-499P processed_ chr2	2.31E+08	2.31E+08	+	0	0
ENSG0000(AC006077. processed_ chr5	1.35E+08	1.35E+08	-	0	0
ENSG0000(RP11-311B processed_ chr2	1.59E+08	1.59E+08	+	0	0
ENSG0000(AC015849. sense_ovei chr17	35818399	35823713	+	0	0
ENSG0000(XXbac-BPG processed_ chr6	29763258	29763392	-	0	0
ENSG0000(RP11-179A processed_ chr11	11182107	11182413	-	0	0
ENSG0000(GPR75-ASE protein_co chr2	53670293	53860160	-	0.57	0
ENSG0000(NUDT19P4 processed_ chr6	44898711	44899295	+	0	0
ENSG0000(RP11-338C processed_ chr10	1.23E+08	1.23E+08	-	0	0
ENSG0000(HNRNPA3P processed_ chr11	32591793	32592771	-	0	0
ENSG0000(CTC-224D3 processed_ chr5	1.51E+08	1.51E+08	+	0	0
ENSG0000(MTND4P35 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(RP11-24B1 processed_ chr9	41979352	41983753	+	0	0
ENSG0000(RP11-272L processed_ chr1	97855575	97856825	+	0	0
ENSG0000(RPS28P1 processed_ chr14	63808546	63808732	+	0	0
ENSG0000(RP5-1077B processed_ chr1	12017216	12017308	-	0	0
ENSG0000(RP11-27M processed_ chr2	2.03E+08	2.03E+08	-	0	0
ENSG0000(RPL12P50 processed_ chrX	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-27I1. processed_ chr9	1.21E+08	1.21E+08	-	0.48	0
ENSG0000(RP11-379K antisense chr15	80580029	80580566	-	0	0
ENSG0000(MCRIP2P2 processed_ chr1	1.85E+08	1.85E+08	+	0	0
ENSG0000(CICP23 processed_ chr11	123312	126123	+	0	0
ENSG0000(TAS2R6P processed_ chr7	1.42E+08	1.42E+08	+	0.08	0.08
ENSG0000(RP11-812E unprocessε chr16	33848476	33848644	-	0	0
ENSG0000(RP11-551L unprocessε chr12	31105105	31106830	-	0	0
ENSG0000(RP11-179G processed_ chr1	29904865	29905357	-	0	0
ENSG0000(SRD5A3P1 processed_ chr11	59898185	59899133	+	0	0
ENSG0000(GRAMD4P processed_ chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(CTD-2227E lincRNA chr7	25948657	25949403	-	0.09	0
ENSG0000(RP11-346C processed_ chr6	1.11E+08	1.11E+08	+	0	0
ENSG0000(XXbac-BPG processed_ chr6	27268113	27269229	+	0	0
ENSG0000(RP5-879K2 processed_ chr1	2.1E+08	2.1E+08	-	0	0
ENSG0000(RP5-856G1 lincRNA chr6	1026494	1027225	-	0	0
ENSG0000(RAP2CP1 transcribec chr14	1.03E+08	1.03E+08	+	0.48	0
ENSG0000(RP5-966M processed_ chr3	52734735	52735013	+	0	0
ENSG0000(HSPE1P7 processed_ chr16	74612596	74613221	-	0	0
ENSG0000(CT45A9 protein_co chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(AC025811. lincRNA chr19	22455988	22456459	+	0	0
ENSG0000(MTDHP1 processed_ chr7	64942143	64942926	-	0	0
ENSG0000(RP1-309F2 antisense chr20	58876592	58876981	-	0	0.73
ENSG0000(RP11-2E11 antisense chr7	1.31E+08	1.31E+08	+	0.33	0.12
ENSG0000(RPSAP75 processed_ chr9	74804473	74804773	+	0	0

ENSG0000(RP11-261B processed_ chr15	30282533	30288389	+	0	0
ENSG0000(RP11-65L3 antisense chr2	1.79E+08	1.79E+08	+	0.69	0.44
ENSG0000(RP11-1324 processed_ chr7	57485166	57485895	+	0	0
ENSG0000(LPP-AS2 antisense chr3	1.88E+08	1.88E+08	-	1.26	1.13
ENSG0000(RP11-366N processed_ chr4	1.65E+08	1.65E+08	-	0	0
ENSG0000(IGHD5OR1. IG_D_gene chr15	20003840	20003862	-	0	0
ENSG0000(RP11-403I1 processed_ chr1	1.44E+08	1.44E+08	+	0.54	0
ENSG0000(RP11-502I4 lincRNA chr15	67541072	67542604	-	0.34	0.37
ENSG0000(NTAN1P1 processed_ chr10	1.16E+08	1.16E+08	-	0	0
ENSG0000(RP11-62H7 processed_ chr8	8933721	8934006	-	0	0
ENSG0000(CTD-235J1 processed_ chr11	1.08E+08	1.08E+08	-	0	0
ENSG0000(REXO1L8P processed_ chr8	85642777	85646325	-	0	0
ENSG0000(RP11-326C lincRNA chr11	333192	333688	+	0	0
ENSG0000(SMARCE1P processed_ chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(MAGO3P unprocessε chr14	68861762	68862525	+	0	0
ENSG0000(RP11-110F processed_ chr1	1.07E+08	1.07E+08	+	0	0
ENSG0000(AC015849. lincRNA chr17	35893707	35911023	-	0.01	0
ENSG0000(RP11-54C4 processed_ chr5	1.52E+08	1.52E+08	+	0	0
ENSG0000(RP11-626A processed_ chr8	54191582	54192035	-	0	0
ENSG0000(RP11-550I2 processed_ chr3	1.57E+08	1.57E+08	-	0	0
ENSG0000(RP11-490D processed_ chr9	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-137J1 processed_ chr6	1.42E+08	1.42E+08	+	0	0
ENSG0000(HMGB1P51 processed_ chr15	58672296	58672933	+	0	0
ENSG0000(RP3-467N1 processed_ chr6	1.01E+08	1.01E+08	+	0	0.1
ENSG0000(RP11-439C lincRNA chr8	1974818	1975314	+	0	0
ENSG0000(RP11-844P processed_ chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(RP11-632K processed_ chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(RP11-190G processed_ chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-1112 processed_ chr17	75060491	75060620	-	0	0
ENSG0000(RP11-293B processed_ chr1	1.84E+08	1.84E+08	-	0	0
ENSG0000(RP11-29B1 processed_ chr9	1E+08	1E+08	-	0	0
ENSG0000(RP11-342K lincRNA chr2	75719120	75720018	+	0.14	0.3
ENSG0000(RP11-703P processed_ chr7	1.13E+08	1.13E+08	+	0	0
ENSG0000(IGKV1OR2- IG_V_pseu chr2	90315366	90315836	-	0	0
ENSG0000(RP11-599B processed_ chr17	8199123	8199437	-	0	0
ENSG0000(RP11-440D unprocessε chr2	95607073	95616592	+	0	0
ENSG0000(CTHRC1P1 processed_ chrX	79177200	79177668	-	0	0
ENSG0000(RP11-346C lincRNA chr16	73060470	73062316	+	0.06	0.2
ENSG0000(CTC-539A1 processed_ chr19	10598001	10598965	-	0.12	0
ENSG0000(RP11-171I2 antisense chr2	1.79E+08	1.79E+08	+	0.28	0.16
ENSG0000(LRRC37A9F processed_ chr17	35912635	35918010	-	0	0.01
ENSG0000(RP11-717A processed_ chr2	85360798	85360925	-	0	0
ENSG0000(IGKV2OR2- IG_V_pseu chr2	97335671	97335974	-	0	0
ENSG0000(RP11-60E8 processed_ chr12	50756892	50757433	+	0	0
ENSG0000(RP11-10C2 lincRNA chr3	33797149	33797681	-	1.37	1.35

ENSG0000(RP5-878I1) processed_chrX	1.15E+08	1.15E+08	-	0.51	0.74
ENSG0000(RP11-142I2) processed_chr11	1.21E+08	1.21E+08	-	0	0
ENSG0000(HSPE1P19) processed_chr3	90261414	90261708	-	0	0.41
ENSG0000(RP11-708L) processed_chr11	1.12E+08	1.12E+08	-	0	0
ENSG0000(KATNBL1P) processed_chr13	28067587	28068334	+	0	0
ENSG0000(RP11-463M) processed_chr7	31330711	31330896	+	0	0
ENSG0000(RP11-111A) processed_chr11	43063637	43065932	-	0	0
ENSG0000(RP11-849F) processed_chr17	8296505	8297216	-	0	0
ENSG0000(CTD-2527I) antisense_chr19	35014961	35025335	-	0	0
ENSG0000(RP11-963H) processed_chr3	70125070	70126609	-	0	0
ENSG0000(CTD-2269E) processed_chr5	28897785	28898274	-	0	0
ENSG0000(CLPTM1LP) processed_chr1	1.89E+08	1.89E+08	-	0	0
ENSG0000(RP5-933K2) lincRNA_chr6	1.57E+08	1.57E+08	+	0.29	0.16
ENSG0000(RP6-166C1) processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP3-364H1) processed_chr6	99082449	99082761	+	0	0
ENSG0000(MTRNR2L2) processed_chr5	80650000	80650086	-	0	0
ENSG0000(RP11-255N) processed_chr15	84940504	84941133	-	0	0
ENSG0000(NDUFB9P1) processed_chr5	69349936	69350445	+	0	0
ENSG0000(RP11-138I) lincRNA_chr10	11679675	11680514	+	0.3	0.14
ENSG0000(RP11-760D) processed_chr7	56603410	56603553	+	0	0
ENSG0000(CTD-2342N) processed_chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(CTD-2553L) processed_chr19	34634844	34635717	+	0	0
ENSG0000(RP11-479I) processed_chr3	1.61E+08	1.61E+08	-	0	0
ENSG0000(RP11-97F8) processed_chr4	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP6-43L17) processed_chrX	87807549	87809883	-	0	0
ENSG0000(RP11-747H) processed_chr4	9020857	9021161	-	0	0
ENSG0000(SNRPGP17) processed_chr17	59281130	59281343	+	0	0
ENSG0000(RP11-792A) processed_chr7	66748838	66749077	-	0	0
ENSG0000(RP11-607P) antisense_chr12	51421956	51424611	-	0	0
ENSG0000(GMCL1P2) processed_chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-457N) processed_chr6	26611903	26613109	-	0	0
ENSG0000(PHBP20) processed_chr15	72450657	72451474	+	0	0
ENSG0000(RP11-212J) processed_chr2	2.11E+08	2.11E+08	+	0	0
ENSG0000(RP11-589M) processed_chr14	52871458	52872217	+	0	0
ENSG0000(AC096553) processed_chr7	9634270	9635703	+	0	0
ENSG0000(RP13-395E) processed_chr15	32250302	32256125	-	0	0
ENSG0000(CTAGE15) protein_co_chr7	1.44E+08	1.44E+08	+	0.03	0.06
ENSG0000(RP11-465K) processed_chr8	30754236	30754539	-	0	0
ENSG0000(NAMA) lincRNA_chr9	99355337	99377240	-	0	0
ENSG0000(RP11-497J) processed_chrX	35741600	35744582	+	0	0
ENSG0000(TMEM56-R) protein_co_chr1	95117923	95247225	+	0.7	0.33
ENSG0000(IGLCOR22-IG_C_pseu) chr22	32356676	32356988	-	0	0
ENSG0000(RP3-380C1) processed_chrX	95453369	95453581	+	0	0
ENSG0000(BNIP3P28) processed_chr19	21997648	21998840	+	0	0.06
ENSG0000(SUMO2P14) processed_chr7	24589115	24589407	-	0	0

ENSG0000(RP11-223J) processed_chr2	87301658	87302251	+	0	0
ENSG0000(IMMP1LP3) processed_chr7	2287915	2288428	+	0	0
ENSG0000(RP11-809N) processed_chr6	1.05E+08	1.05E+08	+	0.04	0
ENSG0000(RP11-697H) processed_chr11	63698596	63698764	-	0	0
ENSG0000(RP11-1003) processed_chr17	71011997	71013587	+	0	0
ENSG0000(SCML2P2) processed_chr16	25069570	25070109	+	0.4	0
ENSG0000(KATNBL1P) processed_chr6	25248263	25248779	+	0	0
ENSG0000(CTC-523E2) lincRNA_chr19	34849278	34860576	-	0	0
ENSG0000(RP11-409K) processed_chr6	67456346	67457250	-	0	0
ENSG0000(RP11-159H) processed_chr8	69794062	69794734	+	0	0
ENSG0000(RP11-453D) processed_chr6	87891424	87891869	+	0	0
ENSG0000(RP11-443I) processed_chr2	57048350	57049336	-	0	0
ENSG0000(RP11-377H) processed_chr7	36146842	36148024	+	0	0
ENSG0000(RP11-175E) processed_chr8	23805933	23806154	-	0	0
ENSG0000(CTD-2012J) lincRNA_chr5	1594626	1611467	+	0.01	0
ENSG0000(NUDT4P2) processed_chr1	1.46E+08	1.46E+08	+	44.58	45.44
ENSG0000(RP11-379H) antisense_chr7	35695214	35699413	+	3.25	2.99
ENSG0000(ELOCP5) processed_chrY	21631683	21632015	-	0	0
ENSG0000(LL22NC03) sense_intrchr22	15796959	15798346	+	0	0.27
ENSG0000(CTB-113I2) processed_chr5	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP11-123C) processed_chr16	69025860	69026643	-	0	0
ENSG0000(IGHV3OR1) IG_V_gene_chr16	33009175	33009620	+	0	0
ENSG0000(RP11-33A1) processed_chr3	1.78E+08	1.78E+08	-	0.16	0.35
ENSG0000(CTA-293F1) antisense_chr7	20328299	20331747	-	0.44	0.39
ENSG0000(RP11-416L) processed_chr2	60682873	60683244	-	0	0
ENSG0000(RP11-320J) processed_chrX	34516920	34517358	+	0	0
ENSG0000(RP5-966M) processed_chr3	52753526	52754690	+	0	0
ENSG0000(IGLVIVOR2) IG_V_pseu_chr22	25437306	25437823	-	0	0
ENSG0000(PRR20FP) unprocesschr13	57173453	57173632	+	0	0
ENSG0000(RP11-171I2) lincRNA_chr2	1.79E+08	1.79E+08	+	0.27	0.15
ENSG0000(YWHAQP7) processed_chr12	76619386	76620043	+	0	0.11
ENSG0000(RP11-12L8) processed_chr1	1.16E+08	1.16E+08	+	0	0
ENSG0000(RP11-479F) processed_chr2	61249780	61250621	+	0	0
ENSG0000(ARMCX5-G) processed_chrX	1.03E+08	1.03E+08	+	3.47	4.01
ENSG0000(RP11-401N) lincRNA_chr8	49906863	49907446	-	0	0
ENSG0000(CTC-457E2) unprocesschr19	22595479	22596163	-	0	0
ENSG0000(CTD-2571L) processed_chr19	47794650	47794920	+	0	0
ENSG0000(RP11-394I1) lincRNA_chr2	1.74E+08	1.74E+08	+	0.06	0.25
ENSG0000(RPL23AP8) processed_chr2	2.42E+08	2.42E+08	+	1.18	1.36
ENSG0000(RP6-166C1) processed_chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-435C) antisense_chr9	95506235	95507636	+	0.45	0.45
ENSG0000(RP11-642C) lincRNA_chr8	88808318	88808908	-	0	0.26
ENSG0000(RP1-249C1) processed_chrX	88827554	88829858	-	0	0
ENSG0000(RP11-265D) processed_chrX	1.35E+08	1.35E+08	-	0	0
ENSG0000(HINT1P2) processed_chr7	95018163	95018397	-	0	0

ENSG0000(BOLA2P2 transcribed chr3	47499841	47500407	+	0	0
ENSG0000(RP1-57E3.1 processed_ chr6	48952070	48952781	-	0	0
ENSG0000(RP4-607J2. processed_ chr7	2393847	2394131	-	0	0
ENSG0000(RP4-789D1 processed_ chr1	35873270	35873752	-	0	0
ENSG0000(RP11-409C processed_ chr9	71804283	71804826	+	0	0
ENSG0000(LINC01109 lincRNA chr8	76404058	76407138	+	0	0.02
ENSG0000(CTC-523E2 lincRNA chr19	34904392	34905057	-	0	0
ENSG0000(RP11-660N lincRNA chr4	25220403	25220913	+	0	0
ENSG0000(RP11-272J. processed_ chr10	43728217	43728728	+	0	0
ENSG0000(RP11-814N processed_ chr3	66622760	66623102	-	0	0
ENSG0000(RP11-434J. processed_ chrX	1.48E+08	1.48E+08	-	0	0
ENSG0000(RP11-575G processed_ chr12	1.01E+08	1.01E+08	-	0	0
ENSG0000(IGHV3OR1 IG_V_gene chr16	33827214	33827661	+	0	0
ENSG0000(RP11-629P processed_ chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-665C processed_ chr14	55240622	55241080	-	0	0
ENSG0000(CTA-221G9 processed_ chr22	25179309	25179554	-	0	0
ENSG0000(RP11-678G processed_ chr19	21634833	21635175	-	0	0
ENSG0000(RP4-800O1 processed_ chr12	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP5-855F1 lincRNA chr7	10940423	10940735	+	0	0
ENSG0000(RP11-309H processed_ chr1	1.91E+08	1.91E+08	-	0	0
ENSG0000(RPP40P2 processed_ chr13	59262680	59263391	+	0	0
ENSG0000(RP4-555D2 lincRNA chr3	43996896	43997443	+	0	0
ENSG0000(RNF138P2 processed_ chr7	53316149	53316740	+	0	0
ENSG0000(RP11-162I. processed_ chr15	61674767	61675212	+	0	0
ENSG0000(RP11-461C processed_ chr5	1.38E+08	1.38E+08	-	0	0
ENSG0000(VDAC3P1 processed_ chr14	99964529	99965378	+	0	0.08
ENSG0000(RP13-216E sense_ovei chrX	73958059	73969485	-	0.27	0
ENSG0000(RP11-430G lincRNA chr1	61741998	61742424	-	0.19	0
ENSG0000(ABO19440. lincRNA chr14	1.06E+08	1.06E+08	+	0	0
ENSG0000(PRR13P7 processed_ chr8	91909738	91910167	-	0.19	0
ENSG0000(RP11-138A lincRNA chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP1-138A5 processed_ chrX	87723089	87723238	-	0	0
ENSG0000(MTCO1P22 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(RP1-142L7. lincRNA chr6	1.12E+08	1.12E+08	-	0	0
ENSG0000(BRDTP1 processed_ chrX	96337236	96337912	-	0	0
ENSG0000(RP6-166C1 processed_ chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP11-9M1. processed_ chr9	1.14E+08	1.14E+08	+	0	0
ENSG0000(RPL21P136 processed_ chr12	12614359	12615907	-	0	0
ENSG0000(LINC01050 lincRNA chr13	42810366	42812562	-	0.94	1.88
ENSG0000(RP3-523E1 antisense chr6	53918974	53920788	-	0	0
ENSG0000(RP11-369K processed_ chr8	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-478H transcribed chr10	28806121	28813458	+	0	0
ENSG0000(RP11-1072 processed_ chr17	44596346	44597344	+	0	0
ENSG0000(BNIP3P4 processed_ chr9	64810865	64811429	-	0	0
ENSG0000(RP1-152L7. processed_ chr6	52688661	52688998	+	0	0

ENSG0000(CTC-336P1 antisense chr2	32013061	32013368	+	0.34	0
ENSG0000(CTD-2195N processed_ chr5	6532891	6533200	-	0	0
ENSG0000(KRT18P9 processed_ chr6	34189780	34191079	+	0	0
ENSG0000(CARSP1 processed_ chr15	68749501	68750691	+	0	0
ENSG0000(RP5-894D1 lincRNA chr6	1.7E+08	1.7E+08	-	0	0
ENSG0000(RP11-1037 processed_ chr3	22811390	22812047	-	0	0
ENSG0000(SUMO2P15 processed_ chr15	40760597	40760874	+	0	0
ENSG0000(HMGB1P5(processed_ chr10	49551308	49552652	+	0	0
ENSG0000(RP11-510D processed_ chr18	28824652	28824826	-	0	0
ENSG0000(RP11-238F lincRNA chr17	70778604	70779230	-	0	0
ENSG0000(RP11-157E processed_ chr8	1.34E+08	1.34E+08	-	0	0
ENSG0000(PRELID3BP processed_ chr13	51195881	51196081	+	0	0
ENSG0000(RP11-355B processed_ chr2	61575774	61576394	+	0	0
ENSG0000(RP4-761I2. processed_ chr6	11154929	11155150	-	0	0
ENSG0000(RP11-745K processed_ chr8	5455218	5455665	-	0	0
ENSG0000(DIMT1P1 processed_ chr3	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-101P processed_ chr13	21216555	21216660	+	0	0
ENSG0000(RP11-543F processed_ chr10	8472719	8472952	+	0	0
ENSG0000(RP11-286B lincRNA chr1	95743096	95759470	+	0	0
ENSG0000(CTD-2320J processed_ chr7	12685637	12686033	+	0	0
ENSG0000(AC240274. protein_co KI270711.1	4612	29626	-	10.76	9.32
ENSG0000(CTD-2117L processed_ chr5	58503295	58503700	+	0	0
ENSG0000(RP11-1109 lincRNA chr12	89371820	89372359	+	0.4	0.3
ENSG0000(MZT1P1 processed_ chr1	9780822	9781240	+	0	0
ENSG0000(RP11-230C lincRNA chr6	1.57E+08	1.57E+08	-	0	0.2
ENSG0000(LAPTM4BP processed_ chr3	72884234	72884679	+	0	0
ENSG0000(RP11-29H2 processed_ chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(AC015849. processed_ chr17	35861093	35861566	-	0	0
ENSG0000(RP11-317P processed_ chr1	1.83E+08	1.83E+08	+	0	0
ENSG0000(TMCC1-AS antisense chr3	1.3E+08	1.3E+08	+	2.12	1.81
ENSG0000(UGT2A2 protein_co chr4	69589309	69639642	-	0.03	0
ENSG0000(RP11-510P processed_ chr12	42929848	42930579	-	0	0
ENSG0000(AC007326. processed_ chr22	18997138	18997595	-	0	0
ENSG0000(RP11-82O2 processed_ chr1	1.02E+08	1.02E+08	+	0	0
ENSG0000(ELOCP33 processed_ chr4	39932454	39933561	+	0.1	0.12
ENSG0000(CTC-412M processed_ chr19	19699203	19699409	-	0	0
ENSG0000(SMIM12P1 processed_ chr2	1.08E+08	1.08E+08	+	0	0
ENSG0000(LLOXNC01- processed_ chrX	21939461	21940160	+	0	0
ENSG0000(BCRP9 processed_ chr13	67790407	67790794	+	0	0
ENSG0000(IGHV1OR1 IG_V_pseu chr15	22178107	22178542	-	0	0
ENSG0000(RP11-345E processed_ chrX	86798598	86799226	-	0	0
ENSG0000(RP11-289I1 processed_ chr1	1.45E+08	1.45E+08	-	0	0
ENSG0000(RP11-432N processed_ chr5	17614781	17615111	-	0	0
ENSG0000(RP5-1012F processed_ chr20	11838355	11838574	+	0	0
ENSG0000(CTD-2356P processed_ chr19	41073804	41074107	-	0	0

ENSG0000(RP11-647P processed_ chr4	1.21E+08	1.21E+08 +	0	0
ENSG0000(SRXN1 protein_co chr20	646615	653370 -	24.81	24.21
ENSG0000(DPRXP2 processed_ chr6	35989515	35990436 -	0	0
ENSG0000(RAC1P9 processed_ chr7	53779783	53780263 +	0	0
ENSG0000(AF146191. processed_ chr4	1.9E+08	1.9E+08 +	0	0
ENSG0000(RP1-85D24 processed_ chrY	11107389	11107596 -	0	0
ENSG0000(RP11-736G processed_ chr18	71932493	71932796 +	0	0
ENSG0000(RP11-435C antisense chr9	95494924	95495379 +	0	0
ENSG0000(WI2-2221J. processed_ chr2	16149251	16149394 +	0	0
ENSG0000(IGHD4OR1. IG_D_gene chr15	20004797	20004815 -	0	0
ENSG0000(AP000654. processed_ chr11	86821143	86821728 -	0	0
ENSG0000(RP11-1152 lincRNA chr2	1.58E+08	1.58E+08 +	0	0
ENSG0000(CTAGE6 protein_co chr7	1.44E+08	1.44E+08 -	0.07	0
ENSG0000(RP11-390F processed_ chrX	98348451	98348748 -	0	0
ENSG0000(RP11-10C2 lincRNA chr3	33793644	33794145 -	0	0.33
ENSG0000(RP11-1109 lincRNA chr12	89367807	89369301 +	0.38	0.42
ENSG0000(B3GNTL1P. processed_ chr6	47368943	47369230 +	0	0
ENSG0000(RP5-891H2 processed_ chr1	44187943	44189049 -	0	0
ENSG0000(CTA-298G8 processed_ chr7	24674309	24674612 -	0	0
ENSG0000(RP11-797J. processed_ chr11	28144907	28145204 -	0	0
ENSG0000(RP11-382B unprocessε chr15	30420283	30420429 -	0	0
ENSG0000(LINC02104 lincRNA chr5	39520431	39524708 +	0.13	0
ENSG0000(RP11-324I2 antisense chr10	35314552	35336401 -	1.35	0.85
ENSG0000(IGHD1OR1. IG_D_gene chr15	20011153	20011169 -	0	0
ENSG0000(NDE1P2 processed_ chr13	36804198	36805302 -	0	0
ENSG0000(RP11-96J1. processed_ chr6	53381519	53382203 +	0	0
ENSG0000(RP11-1114 processed_ chrX	1.37E+08	1.37E+08 +	0	0
ENSG0000(CTD-2526A processed_ chr17	80515657	80515812 +	0	0
ENSG0000(RP11-435C processed_ chr10	1.19E+08	1.19E+08 +	0	0
ENSG0000(RP11-274B lincRNA chr7	1.29E+08	1.29E+08 +	0.14	0.1
ENSG0000(RP1-321E8 processed_ chrX	1.21E+08	1.21E+08 +	0	0
ENSG0000(RP11-701H sense_intrε chr15	24991486	24991753 +	0	0
ENSG0000(RP11-44N1 processed_ chr8	96126967	96127801 -	0	0
ENSG0000(CTD-2384B processed_ chr11	47041027	47041945 -	0	0
ENSG0000(IGKV1OR2- IG_V_pseu chr2	97322137	97322423 -	0	0
ENSG0000(RP11-179H processed_ chr10	1.2E+08	1.2E+08 -	0	0
ENSG0000(RP4-666O2 processed_ chr1	47483698	47484162 -	0	0
ENSG0000(RP11-335E processed_ chr2	76260755	76261661 -	0	0
ENSG0000(RP11-843B processed_ chr12	32100485	32100735 -	0	0
ENSG0000(RP11-241N processed_ chr14	96019484	96019765 +	0	0
ENSG0000(RP11-138I1 antisense chr10	11611305	11612227 +	0	0
ENSG0000(HTATSF1P2 processed_ chr6	3023142	3023772 -	1.74	1.91
ENSG0000(RP3-468B3 processed_ chr6	33883170	33883411 +	0	0
ENSG0000(RP11-81A1 processed_ chr15	79984151	79985724 +	0	0
ENSG0000(RP1-85D24 processed_ chrY	11107065	11107263 -	0	0

ENSG0000(AC002128. antisense chr19	35251440	35253639 -	0	0
ENSG0000(RP3-483K1 lincRNA chr6	53350158	53350705 +	0.66	0.43
ENSG0000(RP11-10E6 processed_ chr7	1.1E+08	1.1E+08 +	0	0
ENSG0000(RP11-350D processed_ chr11	34709600	34710161 +	0	0
ENSG0000(RP11-253I1 processed_ chr12	12452103	12452481 -	0	0.25
ENSG0000(NANOGP3 processed_ chr6	53418452	53418737 -	0	0
ENSG0000(RP11-295P processed_ chrY	11473727	11474237 -	0	0
ENSG0000(RP11-33I11 processed_ chr8	60906059	60906452 +	0	0
ENSG0000(C8orf59P2 processed_ chr5	37130430	37130700 +	0	0
ENSG0000(RP11-440G processed_ chr12	42069935	42070625 -	0	0
ENSG0000(RP11-307C antisense chr1	1.55E+08	1.55E+08 +	0.48	0.7
ENSG0000(REXO1L9P processed_ chr8	85762909	85766931 -	0	0
ENSG0000(RP11-1060 lincRNA chr12	93945041	93947813 +	0	0
ENSG0000(NBPF19 protein_co chr1	1.49E+08	1.5E+08 +	13.26	12.51
ENSG0000(RP11-435C lincRNA chr9	95406990	95407662 -	0	0
ENSG0000(RP11-108M processed_ chr10	91464578	91464708 -	0	0
ENSG0000(SRGNP1 processed_ chr13	78285838	78286288 +	0	0
ENSG0000(RP11-382D lincRNA chr1	1.84E+08	1.84E+08 -	0.13	0.64
ENSG0000(OSBPL9P1 processed_ chr3	80163327	80164795 +	0	0
ENSG0000(RP11-89C3 lincRNA chr11	1.11E+08	1.11E+08 -	0	0
ENSG0000(RP1-161P9 sense_intr chr17	35757199	35758325 -	0	0
ENSG0000(7SK misc_RNA chr17	35889558	35889804 +	0	0
ENSG0000(RP11-75N6 lincRNA chr13	89551233	89552389 +	0	0
ENSG0000(RP11-697E processed_ chr15	90284376	90285580 -	0	0
ENSG0000(RP5-1128N processed_ chr20	11608436	11609048 -	0	0
ENSG0000(RP5-1092A lincRNA chr1	28247144	28247568 +	0	0
ENSG0000(RP4-799G3 processed_ chr1	2.29E+08	2.29E+08 +	0	0
ENSG0000(RP13-266I1 processed_ chrX	1.12E+08	1.12E+08 +	0	0
ENSG0000(RP11-171I2 lincRNA chr2	1.79E+08	1.79E+08 +	0	0
ENSG0000(IGKV2OR2- IG_V_pseu chr2	97050729	97051028 +	0	0
ENSG0000(MZT1P2 processed_ chr7	1.39E+08	1.39E+08 +	0	0
ENSG0000(NAPGP1 processed_ chr10	88699683	88700401 +	0	0
ENSG0000(RP11-432J1 lincRNA chr10	70929925	70932057 +	0	0
ENSG0000(RP11-506H processed_ chr5	55356308	55357523 -	0	0
ENSG0000(PRR13P3 processed_ chr11	1.17E+08	1.17E+08 -	0	0
ENSG0000(RP11-809F processed_ chr3	1.76E+08	1.76E+08 +	0	0
ENSG0000(RP11-751K processed_ chr7	1.36E+08	1.36E+08 +	0	0
ENSG0000(RPL23AP9C processed_ chr1	1E+08	1E+08 +	0	0
ENSG0000(RP11-582E processed_ chr12	27093923	27094223 -	0	0
ENSG0000(RP4-591B8 processed_ chr1	1.14E+08	1.14E+08 +	0	0
ENSG0000(RP5-1057J1 lincRNA chr1	23378380	23379029 -	0	0.11
ENSG0000(RP1-269O5 processed_ chrX	1.12E+08	1.12E+08 +	0	0
ENSG0000(CYCSP1 processed_ chr14	76633714	76634028 +	0	0
ENSG0000(RP11-647C processed_ chr14	39370279	39370756 -	0	0
ENSG0000(NBPF10 protein_co chr1	1.46E+08	1.46E+08 -	5.22	6.17

ENSG0000(RP4-718P1 processed_ chr20	13073667	13074312	-	0	0
ENSG0000(RP11-188D lincRNA chr1	1.17E+08	1.17E+08	-	0.98	0.41
ENSG0000(RP1-224A6 processed_ chr1	22068340	22068827	-	0	0
ENSG0000(RPL17P51 processed_ chr13	40224625	40224862	-	0	0
ENSG0000(PPATP2 processed_ chrX	78699384	78699891	-	0	0
ENSG0000(RP13-238F processed_ chr10	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-803A processed_ chr2	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-295B processed_ chr13	98553243	98553780	+	0	0
ENSG0000(RP11-666A processed_ chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-373N processed_ chr6	28633381	28633594	-	0	0
ENSG0000(RP11-541E transcribed chr2	38535258	38536249	-	0	0
ENSG0000(MMP28 protein_co chr17	35756249	35795707	-	0.57	0.28
ENSG0000(CT45A2 protein_co chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-342K sense_intr chr2	75669989	75670454	+	1	0.73
ENSG0000(RP11-290L processed_ chr9	39159071	39160319	+	0	0
ENSG0000(RP11-269M processed_ chr5	50603229	50603511	+	0	0
ENSG0000(CTC-661116 processed_ chr16	57332379	57332599	-	0	0
ENSG0000(RP11-192B processed_ chrX	87143854	87144748	-	0	0
ENSG0000(RP4-560B9 processed_ chr1	1.72E+08	1.72E+08	-	0	0
ENSG0000(RP4-673D2 processed_ chr20	1756756	1758940	-	0.03	0
ENSG0000(RP11-841C processed_ chr12	19418927	19419161	-	0	0
ENSG0000(DPRXP7 processed_ chrX	1.12E+08	1.12E+08	-	0	0
ENSG0000(SQSTM1P1 processed_ chr13	62406058	62406916	-	0	0
ENSG0000(CICP24 processed_ chr7	63768257	63771047	-	0	0
ENSG0000(RP11-14N4 processed_ chr14	38605255	38606098	+	0	0
ENSG0000(RP11-710C antisense chr4	95549129	95552457	+	0	0
ENSG0000(RP4-799G3 processed_ chr1	2.29E+08	2.29E+08	+	0	0
ENSG0000(CTC-447K7 processed_ chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(MTND3P15 processed_ chr5	1E+08	1E+08	-	0	0
ENSG0000(CTB-152G1 processed_ chr7	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-384A processed_ chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(ABI1P1 unprocessed chr14	55546674	55548123	+	0	0
ENSG0000(AP000403. processed_ chr21	19620695	19621545	+	0	0
ENSG0000(RBM11P1 processed_ chr6	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-60E8 processed_ chr12	50806335	50806437	-	0	0
ENSG0000(RP11-787P processed_ chr11	23370116	23377644	-	0	0
ENSG0000(MEMO1P5 processed_ chr13	95394049	95394454	+	0	0
ENSG0000(CTB-23I7.3 processed_ chr5	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-666C processed_ chr16	28548331	28548658	-	0	0
ENSG0000(SNRPGP20 processed_ chr12	79989014	79989218	-	0	0
ENSG0000(RP11-505K processed_ chr6	1.13E+08	1.13E+08	+	0	0
ENSG0000(CTC-559E9 processed_ chr19	19750618	19752544	+	0	0
ENSG0000(RP11-288K processed_ chr12	1695830	1698044	-	0	0
ENSG0000(RP6-166C1 processed_ chrX	1.21E+08	1.21E+08	+	0	0
ENSG0000(CCL5 protein_co chr17	35871491	35880793	-	2.92	3.57

ENSG0000(RP11-603B unprocessed)	chr15	22202392	22202734	-	0	0
ENSG0000(RP11-73B8 processed)	chr12	43633093	43633281	+	0	0
ENSG0000(RP11-382A processed)	chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-712C processed)	chr14	64361392	64361637	+	0	0
ENSG0000(RP11-307A processed)	chrX	35864858	35869631	+	0.34	0.35
ENSG0000(RP11-36B6 lincRNA)	chr7	1.31E+08	1.31E+08	+	0	0.12
ENSG0000(RP4-576H2 processed)	chr20	1591392	1591848	+	0	0
ENSG0000(BNIP3P17 processed)	chr19	20221869	20222463	+	0	0
ENSG0000(ARF4P1 processed)	chr9	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP4-668E1 processed)	chr7	9084022	9084175	+	0	0
ENSG0000(RP11-7G12 processed)	chr1	1.66E+08	1.66E+08	-	0	0
ENSG0000(WBP1LP12 processed)	chr6	95124	95454	+	0	0
ENSG0000(BBIP1P1 processed)	chr2	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP3-368A4 sense_intr)	chrX	74209976	74213660	-	0.84	0.96
ENSG0000(RP11-51I5 processed)	chr2	73877566	73878862	+	0	0
ENSG0000(RP11-365F processed)	chr7	1.39E+08	1.39E+08	-	0	0
ENSG0000(RP11-326I1 lincRNA)	chr4	1.85E+08	1.85E+08	-	0.06	0.19
ENSG0000(RP11-692N processed)	chr11	47796169	47796379	+	0	0
ENSG0000(AC006499 processed)	chr4	10238213	10238235	-	0	0
ENSG0000(RP4-725K1 processed)	chr1	1.49E+08	1.49E+08	+	0	0
ENSG0000(RP11-579D processed)	chr12	48800576	48801086	-	0.58	0.64
ENSG0000(BNIP3P11 processed)	chr7	64678954	64687393	-	0	0
ENSG0000(RP11-230C antisense)	chr6	1.57E+08	1.57E+08	-	0.28	0.31
ENSG0000(RP11-274B lincRNA)	chr7	1.29E+08	1.29E+08	+	0.05	0.18
ENSG0000(RP4-665N4 antisense)	chr1	35992109	36013630	-	0	0
ENSG0000(CTD-3214K sense_intr)	chr8	52722903	52723141	+	0	0
ENSG0000(YPEL5P2 processed)	chr11	47841324	47841682	+	0	0
ENSG0000(RP11-445P processed)	chr1	1.88E+08	1.88E+08	-	0	0
ENSG0000(RP11-380N processed)	chr13	26229332	26229644	-	0	0
ENSG0000(KB-1410C5 processed)	chr8	1.01E+08	1.01E+08	+	0	0
ENSG0000(HIRAP1 processed)	chr10	25691537	25692323	+	0	0
ENSG0000(RP13-444H lincRNA)	chr13	52334295	52341896	+	0.07	0.08
ENSG0000(RP4-775C1 processed)	chr20	6219199	6219443	+	0	0
ENSG0000(PPIAL4E protein_co)	chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-632K processed)	chr7	1.51E+08	1.51E+08	-	0	0
ENSG0000(IGKV1OR2-IG_V_pseu)	chr2	97355059	97355335	+	0	0
ENSG0000(RP11-96C2 processed)	chr10	87027184	87027477	+	0	0
ENSG0000(RP11-486G lincRNA)	chr1	84076331	84077931	-	0.78	0.67
ENSG0000(RP5-1033H processed)	chr1	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-116D lincRNA)	chr12	1.15E+08	1.15E+08	-	0.16	0
ENSG0000(RP11-536L processed)	chr1	2.05E+08	2.05E+08	+	0	0
ENSG0000(XXbac-BPG unprocessed)	chr6	31356647	31357637	+	0.31	0.88
ENSG0000(RP11-511P processed)	chr7	1.5E+08	1.5E+08	-	0	0
ENSG0000(RP11-638D processed)	chr2	1.47E+08	1.47E+08	-	0	0
ENSG0000(RP11-89C3 lincRNA)	chr11	1.11E+08	1.11E+08	-	0.44	1.29

ENSG0000(CTB-88F18 processed_ chr5	1.27E+08	1.27E+08 -	0	0
ENSG0000(RP11-52M: processed_ chr7	44601032	44601487 +	0	0
ENSG0000(GS1-531I1: processed_ chr17	65644308	65644617 +	0	0
ENSG0000(LARP7P1 processed_ chr1	2.03E+08	2.03E+08 -	0	0
ENSG0000(RP11-130N processed_ chrX	74769639	74769798 +	0	0
ENSG0000(RP11-181E lincRNA chr2	1.11E+08	1.11E+08 -	0.39	0.55
ENSG0000(ELOCP35 processed_ chrY	17464879	17465214 -	0	0
ENSG0000(RP11-407N processed_ chr12	50949117	50949384 -	0	0
ENSG0000(RP11-85D1 processed_ chr2	69251818	69252364 -	0	0
ENSG0000(CTD-2542C processed_ chr19	21025915	21026041 -	0	0
ENSG0000(RP11-864G processed_ chr11	1.02E+08	1.02E+08 -	0	0
ENSG0000(LIX1L protein_co chr1	1.46E+08	1.46E+08 -	11.61	12.56
ENSG0000(KRT8P49 processed_ chr11	4722740	4724171 -	0	0
ENSG0000(MILR1 protein_co chr17	64449037	64468643 +	8.41	8.4
ENSG0000(RP11-27G1 unprocessε chr4	1.55E+08	1.55E+08 +	0	0
ENSG0000(RP3-418A9 processed_ chr6	1.11E+08	1.11E+08 +	0	0
ENSG0000(RP11-697G processed_ chr6	1.09E+08	1.09E+08 -	0	0
ENSG0000(CTB-31N19 processed_ chr16	21538487	21538794 +	0	0
ENSG0000(RP4-813F1 processed_ chr7	1.41E+08	1.41E+08 +	0	0
ENSG0000(HSPE1P14 processed_ chr8	1.02E+08	1.02E+08 +	0	0
ENSG0000(ATP2B1-AS lincRNA chr12	89708959	89712590 +	0.46	0.49
ENSG0000(ACTG1P22 transcribed chr2	57755428	57766052 +	0	0
ENSG0000(RP11-578F processed_ chr15	28830619	28831182 -	0	0
ENSG0000(RP11-175G processed_ chr1	71738173	71738354 +	0	0
ENSG0000(IGHV3OR1 IG_V_pseu chr16	33938337	33938799 -	0	0
ENSG0000(RP11-60E8 processed_ chr12	50847925	50848312 -	0	0
ENSG0000(RP11-435I1 processed_ chr16	28364700	28365333 +	0	0
ENSG0000(RP11-651K processed_ chr11	1.32E+08	1.32E+08 -	0	0
ENSG0000(PSMA6P4 processed_ chr13	97475742	97476459 +	0	0
ENSG0000(RP11-3K24 processed_ chr17	60315834	60316215 +	0	0
ENSG0000(RP11-165D processed_ chr2	91723023	91723605 +	0	0
ENSG0000(RP11-79J2: processed_ chr2	21198518	21198896 -	0	0
ENSG0000(RP11-408C antisense chr9	1.13E+08	1.13E+08 +	0.11	0
ENSG0000(RP11-496I2 processed_ chr14	19199763	19200279 -	0	0
ENSG0000(RP11-68E1 processed_ chr2	1.12E+08	1.12E+08 -	0	0
ENSG0000(BNIP3P19 processed_ chr19	20323992	20324568 -	0	0
ENSG0000(RP11-289A processed_ chr2	2.34E+08	2.34E+08 +	0	0
ENSG0000(MARK3P1 processed_ chr12	46682071	46682713 -	0	0
ENSG0000(RP11-10C2 lincRNA chr3	33795688	33796950 -	1.53	1.58
ENSG0000(RP3-365I1: processed_ chr1	1.45E+08	1.45E+08 +	0	0
ENSG0000(RP11-326I1 lincRNA chr4	1.84E+08	1.84E+08 +	0.68	0.81
ENSG0000(KRT8P47 processed_ chr1	44103306	44104703 -	0	0
ENSG0000(LINC00904 lincRNA chr19	34892029	34898943 -	0	0
ENSG0000(AL031601. processed_ chr10	42209990	42210383 +	0	0
ENSG0000(RP11-168P processed_ chr13	54116476	54116851 +	0	0

ENSG00000101259	RP11-259K lincRNA	chr3	37216779	37217988	+	0	0
ENSG00000101259	RP11-685B processed	chr8	18387108	18387777	-	0	0
ENSG00000101259	BNIP3P35 processed	chr19	22840432	22840921	-	0	0
ENSG00000101259	RP11-114N processed	chr14	81003325	81003645	-	0	0
ENSG00000101259	RP11-270B processed	chr2	62168862	62171163	+	0	0
ENSG00000101259	RP11-435C antisense	chr9	95514045	95514520	+	0	0.18
ENSG00000101259	RP1-73A14 processed	chrX	1.47E+08	1.47E+08	-	0	0
ENSG00000101259	BNIP3P36 processed	chr19	22994968	22995847	+	0	0
ENSG00000101259	RP11-141C processed	chr3	1.96E+08	1.96E+08	-	0	0
ENSG00000101259	RP4-800G7 unprocessed	chr7	1.49E+08	1.49E+08	-	0	0
ENSG00000101259	CTC-523E2 processed	chr19	34825414	34825996	+	0	0
ENSG00000101259	RP11-338I2 processed	chr2	1.17E+08	1.17E+08	-	0	0
ENSG00000101259	RP11-951I6 antisense	chr10	1.21E+08	1.21E+08	-	0	0
ENSG00000101259	RP11-598F processed	chr3	96244732	96245335	-	0	0
ENSG00000101259	DUXAP8 transcribed	chr22	15826566	15827187	+	0	0
ENSG00000101259	RP11-1E1.2 processed	chr4	77112495	77113458	-	0	0
ENSG00000101259	RP1-274L7 unprocessed	chrX	1.31E+08	1.31E+08	+	0	0
ENSG00000101259	LSM1P2 processed	chr5	1.64E+08	1.64E+08	-	0	0
ENSG00000101259	RP11-564A processed	chr1	2.07E+08	2.07E+08	+	0	0
ENSG00000101259	RP11-1259 processed	chr5	1.78E+08	1.78E+08	+	0	0
ENSG00000101259	RP11-393B processed	chr3	1.83E+08	1.83E+08	-	0	0
ENSG00000101259	CTD-2230N processed	chrX	1.14E+08	1.14E+08	+	0	0
ENSG00000101259	MTND5P1C processed	chr5	1E+08	1E+08	-	0	0
ENSG00000101259	RP11-812E unprocessed	chr16	33851785	33852069	-	0	0
ENSG00000101259	CTD-2194N processed	chrX	88369343	88369459	+	0	0
ENSG00000101259	RP11-548K processed	chr7	57835309	57836251	-	0	0
ENSG00000101259	RP11-1012 processed	chr14	67735195	67735350	+	0	0
ENSG00000101259	GS1-393G1 protein_coding	chr8	1.44E+08	1.44E+08	-	0.18	0.08
ENSG00000101259	SNX29P2 transcribed	chr16	29350746	29370272	+	0.54	0.25
ENSG00000101259	RP11-438F processed	chr1	2.49E+08	2.49E+08	+	0	0
ENSG00000101259	RP11-63N3 processed	chr18	77632928	77633360	-	0	0
ENSG00000101259	BNIP3P20 processed	chr19	20351502	20352079	+	0	0
ENSG00000101259	RPL17P3 unprocessed	chr14	81001166	81001786	-	0	0
ENSG00000101259	ATP1B3P1 processed	chr2	60734895	60735715	-	0	0
ENSG00000101259	RP11-297J lincRNA	chr2	1.21E+08	1.21E+08	-	0.19	0.1
ENSG00000101259	NDUFA8P1 processed	chr10	74641410	74641776	-	0	0
ENSG00000101259	RP11-392C processed	chr3	1.51E+08	1.51E+08	-	0	0
ENSG00000101259	RP11-688D processed	chr14	84998278	84999296	-	0	0
ENSG00000101259	CTD-2377C antisense	chr5	74865893	74867854	+	0	0
ENSG00000101259	CTD-2256P lincRNA	chr5	10269489	10269918	-	0	0.41
ENSG00000101259	RP11-169K antisense	chr3	11607184	11610748	+	0	0
ENSG00000101259	CTD-3020H antisense	chr19	8222153	8239648	-	0	0
ENSG00000101259	MROH7-TT protein_coding	chr1	54641786	54742308	+	0.01	0
ENSG00000101259	CTC-359M6 sense_intronic	chr5	1.46E+08	1.46E+08	-	0	0
ENSG00000101259	RP11-761I4 3prime_overhang	chr15	81303215	81309391	-	0.65	0.53

ENSG00000100000	RP11-532F	lincRNA	chr6	711533	750729	+	0.19	0.21
ENSG00000100000	RP11-787I2	antisense	chr6	1.09E+08	1.09E+08	+	0	0
ENSG00000100000	RP5-1182A	lincRNA	chr1	16617391	16617729	+	0.28	0
ENSG00000100000	RP1-111B2	lincRNA	chr6	1.08E+08	1.08E+08	-	0.49	0
ENSG00000100000	RP11-85G2	lincRNA	chr1	1.57E+08	1.57E+08	+	0	0
ENSG00000100000	CTB-113I2C	lincRNA	chr5	1.34E+08	1.34E+08	+	0.79	0.87
ENSG00000100000	RNU1-29P	snRNA	chr7	1.2E+08	1.2E+08	-	0	0
ENSG00000100000	RP11-244H	protein_co	chr1	34981533	35031741	-	2.79	3.1
ENSG00000100000	RP4-680D5	lincRNA	chr1	15682873	15683128	-	0	0
ENSG00000100000	CTD-254I1N	lincRNA	chr8	6615604	6617198	-	0.21	0.16
ENSG00000100000	RP1-202O8	antisense	chr1	6393555	6394391	+	0.23	0.08
ENSG00000100000	RP11-269G	unprocessε	chr17	63393355	63393586	+	0.64	0
ENSG00000100000	RP11-110I1	lincRNA	chr11	1.19E+08	1.19E+08	-	0	0.22
ENSG00000100000	RP11-269M	lincRNA	chr5	50662859	50663266	-	0	0
ENSG00000100000	RP3-337H4	antisense	chr6	43519180	43519724	-	0.27	0
ENSG00000100000	RP1-153G1	lincRNA	chr6	27404010	27406964	-	0.22	0.05
ENSG00000100000	RP11-111N	lincRNA	chr11	76392196	76392905	+	0.28	0.1
ENSG00000100000	RP11-35J1C	lincRNA	chr11	7704628	7882947	-	0	0
ENSG00000100000	XXbac-BPG	lincRNA	chr6	57902609	57903148	-	0	0
ENSG00000100000	RP11-213H	lincRNA	chr5	91313057	91314402	-	0.31	0.43
ENSG00000100000	RP11-386N	antisense	chr15	92602910	92620015	+	0	0
ENSG00000100000	RN7SKP29C	misc_RNA	chr6	1.37E+08	1.37E+08	+	0	0
ENSG00000100000	CTD-2195N	lincRNA	chr5	1.27E+08	1.27E+08	+	0	0
ENSG00000100000	RP11-1250	lincRNA	chr5	34158121	34158767	+	0.12	0.35
ENSG00000100000	RP4-678D1	antisense	chr20	53255979	53487274	-	0	0
ENSG00000100000	RP11-52L5	antisense	chr13	78596129	78599619	+	0	0
ENSG00000100000	RP11-379F	sense_intrō	chr3	1.59E+08	1.59E+08	+	0.37	0
ENSG00000100000	RP11-87N3	processed_	chr17	64572829	64573081	+	0	0
ENSG00000100000	RP11-1017	lincRNA	chr14	1.02E+08	1.02E+08	+	2.67	2.45
ENSG00000100000	CTD-2589H	antisense	chr5	675826	676616	+	0	0.09
ENSG00000100000	RP1-28H20	lincRNA	chr20	46689659	46690289	+	0.11	0.6
ENSG00000100000	RP11-254F	antisense	chr2	10054421	10054866	-	0	0
ENSG00000100000	CTD-2201E	lincRNA	chr5	43006733	43007543	-	0.16	0.26
ENSG00000100000	RP5-1112D	lincRNA	chr6	1.11E+08	1.11E+08	+	0.08	0
ENSG00000100000	CTB-35F21	lincRNA	chr5	1.4E+08	1.4E+08	+	0	0
ENSG00000100000	RP11-321N	protein_co	chr6	85557978	85615234	-	1.37	1.45
ENSG00000100000	CTC-251D1	antisense	chr5	1.52E+08	1.52E+08	+	0.05	0.16
ENSG00000100000	CTC-428G2	antisense	chr5	1.15E+08	1.15E+08	+	0.33	0.36
ENSG00000100000	SNORA51	snoRNA	chr20	2655067	2655198	+	0	0
ENSG00000100000	RP1-63M2	antisense	chr20	33674517	33675380	+	0	0
ENSG00000100000	RP5-892K4	antisense	chr1	2141084	2145279	-	0.01	0
ENSG00000100000	RP11-426L	protein_co	chr1	1.13E+08	1.13E+08	-	0	0
ENSG00000100000	RP1-79C4.4	lincRNA	chr1	1.71E+08	1.71E+08	+	0.05	0.21
ENSG00000100000	RN7SKP29C	misc_RNA	chrX	12614003	12614197	-	0	0
ENSG00000100000	CTD-2235C	lincRNA	chr5	75363760	75364242	+	0	0

ENSG0000(BMS1P4	processed_	chr10	73699151	73730487	-	1.74	2.2
ENSG0000(U3	snoRNA	chr4	1.59E+08	1.59E+08	+	0	0
ENSG0000(RN7SKP4	misc_RNA	chr13	45123093	45123414	+	0	0
ENSG0000(RNU6-94P	snRNA	chr15	50347423	50347529	-	0	0
ENSG0000(RP5-894D1	lincRNA	chr6	1.7E+08	1.7E+08	-	0	0
ENSG0000(XXbac-BPG	lincRNA	chr6	31200165	31201918	-	0	0
ENSG0000(AC009014.	protein_co	chr5	1.36E+08	1.36E+08	-	0	0.04
ENSG0000(RP11-337N	antisense	chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(PLS3-AS1	antisense	chrX	1.16E+08	1.16E+08	-	0.1	0.21
ENSG0000(CTD-2310F	antisense	chr5	56927874	56929573	+	0	0.07
ENSG0000(RP11-1C8.7	lincRNA	chr8	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-356B	sense_intr	chr9	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP1-224A6	lincRNA	chr1	22100613	22101360	+	0	0
ENSG0000(RNU7-10P	snRNA	chr3	17664963	17665025	+	0	0
ENSG0000(RP11-245J	lincRNA	chr3	64008082	64008692	-	0.11	0
ENSG0000(RP11-464F	antisense	chr10	73654039	73674719	+	0	0
ENSG0000(CTC-332L2.	lincRNA	chr5	1.1E+08	1.1E+08	-	0	0.15
ENSG0000(RP11-16D2	lincRNA	chr13	34348043	34614170	+	0	0
ENSG0000(RP11-565F	sense_intr	chr17	9553323	9555696	-	0.23	0.13
ENSG0000(SNORD11B	snoRNA	chr2	2.02E+08	2.02E+08	+	0	0
ENSG0000(RP1-178F1	processed_	chr1	1.54E+08	1.54E+08	-	3.21	4.55
ENSG0000(RP11-214N	lincRNA	chr2	9555899	9556775	+	0.21	0.31
ENSG0000(LINC01215	lincRNA	chr3	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP1-244F2.	antisense	chr6	45421079	45422005	-	0.87	0.81
ENSG0000(CYB561D2	antisense	chr3	50365334	50368197	+	0.59	0.15
ENSG0000(RP11-436D	lincRNA	chr6	97283303	98399872	+	0	0
ENSG0000(RP11-343L	lincRNA	chr5	83049376	83050964	-	0.22	0.28
ENSG0000(RP11-1293	lincRNA	chr2	3496956	3497428	+	0	0
ENSG0000(RP11-51J9.	lincRNA	chr8	30155830	30156232	-	1.26	0.92
ENSG0000(RP11-97C1	antisense	chr3	3152942	3153435	+	0.92	2.18
ENSG0000(AC005740.	antisense	chr5	1.42E+08	1.42E+08	+	0.19	0.14
ENSG0000(CTD-2024P	lincRNA	chr5	34651457	34651888	-	0	0.41
ENSG0000(AGAP11	processed_	chr10	86970741	87010126	+	0.23	0.22
ENSG0000(KB-1410C5	lincRNA	chr8	1.01E+08	1.01E+08	+	0.81	2.23
ENSG0000(MIR98	miRNA	chrX	53556223	53556341	-	0	0
ENSG0000(RP11-560J.	lincRNA	chr6	15243923	15245000	-	0.33	0.06
ENSG0000(RP11-493E	lincRNA	chr2	61151433	61162105	-	0	0
ENSG0000(OR10AE1P	unprocess	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(CTD-2228A	lincRNA	chr5	17107360	17107789	-	0	0
ENSG0000(RP11-762E	lincRNA	chr2	1.95E+08	1.96E+08	-	0	0
ENSG0000(RP11-482H	processed_	chr2	56147630	56386171	+	0	0.03
ENSG0000(RP4-635E1	antisense	chr1	11029659	11030528	+	2.64	2.54
ENSG0000(RP11-679B	lincRNA	chr6	11607552	11607981	+	0	0
ENSG0000(MIR4791	miRNA	chr3	19314848	19314931	-	0	0
ENSG0000(MIR4466	miRNA	chr6	1.57E+08	1.57E+08	-	0	0

ENSG0000(RP11-1113 processed_ chr17	19601840	19602256	+	0	0
ENSG0000(RP11-266E lincRNA chr13	34545929	34671182	-	0	0
ENSG0000(CTC-498M: lincRNA chr5	88433892	88498697	-	0	0
ENSG0000(SNORA35 snoRNA chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-532F lincRNA chr6	761675	780648	+	0.08	0
ENSG0000(RP1-111C2 antisense chr6	1.59E+08	1.59E+08	+	0.29	0.38
ENSG0000(RP4-789D1 lincRNA chr1	35929720	35930115	-	0.86	0
ENSG0000(RP11-884K antisense chr3	53797764	53798019	-	0	0
ENSG0000(RP11-506C sense_intron chr1	1.65E+08	1.65E+08	+	0.08	0
ENSG0000(CTD-2287C antisense chr5	1.16E+08	1.16E+08	-	1.06	0.35
ENSG0000(RP11-269G transcribed chr17	63331984	63332539	-	0	0
ENSG0000(snoU13 snoRNA chr3	1.54E+08	1.54E+08	+	0	0
ENSG0000(RNU6-86P snRNA chr9	87998229	87998335	-	0	0
ENSG0000(RNA5SP10: rRNA chr2	1.61E+08	1.61E+08	+	0	0
ENSG0000(CTD-2376L lincRNA chr5	72953635	72954274	-	0.21	0.12
ENSG0000(RP11-44N1 lincRNA chr8	98943595	98944098	+	0	0
ENSG0000(RP11-63L7 antisense chr6	89080164	89080667	-	0	0
ENSG0000(RNU6-85P snRNA chr7	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-338I2 antisense chr10	84138420	84140582	-	0	0
ENSG0000(OR2AS2P unprocessed chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RP11-443B antisense chr2	24825610	24826717	+	0.27	0.18
ENSG0000(RP11-424N antisense chr3	44337941	44338552	-	0	0
ENSG0000(RP11-589C lincRNA chr8	42139461	42139752	-	0	0
ENSG0000(RP11-188P antisense chr3	43346923	43347643	-	0.27	0.2
ENSG0000(RP11-222K lincRNA chr3	27638315	27638776	+	0	0
ENSG0000(RP11-354K lincRNA chr6	76774983	76775860	+	0	0
ENSG0000(RP11-439M lincRNA chr2	6905724	6906301	-	0	0
ENSG0000(RP11-302N protein_coding chr1	89633140	89933250	+	0	0.55
ENSG0000(LINC01954 lincRNA chr2	10878269	10885118	+	0	0
ENSG0000(RP11-444A lincRNA chr2	59218680	60100200	-	0	0
ENSG0000(RP11-617D lincRNA chr4	38618265	38619437	-	0	0
ENSG0000(CTD-3064N antisense chr8	1.41E+08	1.41E+08	+	0	0
ENSG0000(CTD-2140B antisense chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-415F antisense chr3	16314439	16314987	+	0	0.14
ENSG0000(RP11-7F18 lincRNA chr8	67343975	67345087	+	0.21	0.41
ENSG0000(RP11-134K lincRNA chr6	70596438	70596980	+	0.13	0
ENSG0000(ADAM6 transcribed chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(U47924.29 antisense chr12	6964949	6965382	+	0	0
ENSG0000(RP3-337H4 antisense chr6	43561872	43562419	+	0	0.14
ENSG0000(CTD-2006H antisense chr8	93715378	93716113	-	0.89	0.88
ENSG0000(RP11-572C lincRNA chr3	48672455	48672733	+	0	0
ENSG0000(RP11-927P transcribed chr17	64905883	64906018	-	0	0
ENSG0000(RP11-884K antisense chr3	53858994	53861576	-	1.02	0.84
ENSG0000(AC226119. transcribed chr4	3915187	3924274	-	0	0
ENSG0000(RP11-428J: lincRNA chr6	5031756	5054423	-	0.08	0.02

ENSG0000010264597	CTD-2256P antisense	chr5	10264597	10267146	-	0	0.02
ENSG00000122332587	RP11-573G lincRNA	chr10	22332587	22332981	-	0	0
ENSG00000149491664	SNORD58B snoRNA	chr18	49491664	49491729	-	0	0
ENSG00000180693216	RP11-28H5 lincRNA	chr15	80693216	80693707	-	0.46	0
ENSG00000145892694	RP3-337O1 antisense	chr20	45892694	45893419	-	0	0.55
ENSG00000179526508	RP11-589B processed	chr10	79526508	79526631	-	0	0
ENSG00000173487590	RN7SL827F misc_RNA	chr6	73487590	73487877	-	0	0
ENSG00000110429881	RP4-736L2 antisense	chr1	10429881	10430677	-	0	0
ENSG00000119902025	RP11-79O8 lincRNA	chr2	19902025	19902569	+	0	0.15
ENSG00000170445071	RP11-42O1 lincRNA	chr1	70445071	70445536	+	0.17	0
ENSG00000137182107	RP11-285J antisense	chr3	37182107	37182734	+	0.44	0.6
ENSG000001177E+08	RP11-337N antisense	chr2	1.77E+08	1.77E+08	+	0	0
ENSG00000110195187	CTD-2199C lincRNA	chr5	10195187	10197622	-	0.02	0.02
ENSG0000017260871	RP11-557L lincRNA	chr2	7260871	7261504	+	0	0
ENSG0000011659325	RP11-345P antisense	chr1	1659325	1662602	+	0	0
ENSG00000164951498	RP11-583F processed	chr17	64951498	64951609	-	0	0
ENSG00000187151159	RP11-393I2 antisense	chr6	87151159	87155285	-	0.03	0.03
ENSG00000128078792	RP1-313I6 antisense	chr6	28078792	28081130	-	0.49	0.64
ENSG00000165591850	CTD-3025N lincRNA	chr8	65591850	65592472	-	0.11	0
ENSG00000138894785	SNORA62 snoRNA	chr21	38894785	38894867	+	0	0
ENSG00000199568097	RP1-199J3 antisense	chr6	99568097	99569096	+	0.06	0.2
ENSG000001126E+08	RNU1-30P snRNA	chr3	1.26E+08	1.26E+08	-	0	0
ENSG00000195849309	AC008592 lincRNA	chr5	95849309	95849855	+	0	0
ENSG000001133E+08	CTC-350I8 lincRNA	chr5	1.33E+08	1.33E+08	+	0	0
ENSG00000151950284	RP11-546K lincRNA	chr8	51950284	51950690	+	0.41	0.23
ENSG00000165158662	SNORA74 snoRNA	chr2	65158662	65158860	+	0	0
ENSG00000134692290	RP11-529E lincRNA	chr2	34692290	34703606	-	0	0.41
ENSG00000151014134	RNU6-87P snRNA	chr12	51014134	51014241	-	0	0
ENSG000001154E+08	RP1-178F1 antisense	chr1	1.54E+08	1.54E+08	-	1.55	1.61
ENSG000001146E+08	ANKRD34A protein_co	chr1	1.46E+08	1.46E+08	-	0.71	0.42
ENSG000001167E+08	RP11-52A2 sense_intr	chr1	1.67E+08	1.67E+08	+	0	0.07
ENSG00000117074654	SNORD14A snoRNA	chr11	17074654	17074744	-	0	0
ENSG00000172615063	MIR139 miRNA	chr11	72615063	72615130	-	0	0
ENSG000001102E+08	KB-431C1.5 antisense	chr8	1.02E+08	1.02E+08	+	0.04	0.04
ENSG00000175608817	CTC-366B1 lincRNA	chr5	75608817	75609983	+	0.31	0.28
ENSG000001123E+08	RP11-44N1 lincRNA	chr8	1.23E+08	1.23E+08	+	0	0
ENSG00000187807634	RP11-471M lincRNA	chr13	87807634	87811232	-	0	0
ENSG000001158E+08	GTF2H5 protein_co	chr6	1.58E+08	1.58E+08	+	3.55	3.8
ENSG0000018444949	RP11-480D lincRNA	chr5	8444949	8445535	-	0	0.13
ENSG00000162477870	RP13-379C lincRNA	chr20	62477870	62478594	+	0	0
ENSG00000155484871	Y_RNA misc_RNA	chr1	55484871	55484972	-	0	0
ENSG00000125014952	RP11-367G lincRNA	chr6	25014952	25042170	-	0	0
ENSG00000137208875	RP11-423P sense_intr	chr2	37208875	37212677	+	0.23	0.14
ENSG00000113217269	RNU6-6P snRNA	chr10	13217269	13217375	+	0	1.24
ENSG00000127053618	RP11-503P antisense	chr2	27053618	27054276	-	0.2	0.11

ENSG0000(CTB-40H15 lincRNA	chr5	14872332	14872713	+	0	0.25
ENSG0000(RP11-284F lincRNA	chr1	1.57E+08	1.57E+08	-	0.1	0.06
ENSG0000(AC005618. lincRNA	chr5	1.41E+08	1.41E+08	+	0.77	0.53
ENSG0000(RP11-332J lincRNA	chr5	6779458	6779998	+	0	0
ENSG0000(CTA-363E1 antisense	chr7	1.07E+08	1.07E+08	-	0	0.19
ENSG0000(RN7SL828F misc_RNA	chr11	1.18E+08	1.18E+08	+	0	0
ENSG0000(RP11-11C2 lincRNA	chr8	51810110	51810681	-	0	0
ENSG0000(RP11-348P lincRNA	chr3	44667412	44669364	+	0.31	0.13
ENSG0000(RP4-734G2 antisense	chr1	10639241	10654333	+	0.01	0
ENSG0000(LA16c-380I lincRNA	chr16	3006120	3007388	+	0	0
ENSG0000(MIR502 miRNA	chrX	50014598	50014683	+	0	0
ENSG0000(CTD-2376I lincRNA	chr5	72955206	72955699	-	0	0.34
ENSG0000(RP5-1126H 3prime_ov	chr1	19072110	19075511	-	0.25	0.26
ENSG0000(RP11-542A lincRNA	chr5	1.58E+08	1.58E+08	+	0	0
ENSG0000(CTD-2186N lincRNA	chr5	32174471	32175272	+	2.07	2.19
ENSG0000(RP11-379F lincRNA	chr3	1.59E+08	1.59E+08	-	0.42	0.11
ENSG0000(RP11-168F lincRNA	chr1	3487246	3487627	+	0	0
ENSG0000(RP11-350N lincRNA	chr8	38382364	38383461	+	0.38	0.48
ENSG0000(RP4-665J2 lincRNA	chr1	90860550	90862920	-	0.39	0.22
ENSG0000(RN7SL715F misc_RNA	chr3	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-421M lincRNA	chr6	10743324	10747663	-	0.05	0.53
ENSG0000(RP11-155C antisense	chr1	52353487	52353877	+	0	0.24
ENSG0000(RP3-355L5 lincRNA	chr6	1.05E+08	1.05E+08	-	0.13	0
ENSG0000(CTD-2653M lincRNA	chr5	36861736	36862217	-	0	0
ENSG0000(XXcos-LUC protein_co	chr3	50350892	50367923	+	0	0
ENSG0000(RP11-345P antisense	chr1	1613758	1615795	-	3.19	4.26
ENSG0000(AC005754. lincRNA	chr5	1.41E+08	1.41E+08	+	0.03	0.03
ENSG0000(CTD-2260A antisense	chr5	96804353	96806105	+	0.18	0
ENSG0000(CTB-113P1 lincRNA	chr5	1.52E+08	1.52E+08	-	0	0.15
ENSG0000(Y_RNA misc_RNA	chr9	32820261	32820350	+	0	0
ENSG0000(RP1-261G2 antisense	chr6	43770429	43770616	-	3.52	2.58
ENSG0000(GS1-393G1 antisense	chr8	1.44E+08	1.44E+08	+	0.16	0
ENSG0000(RP4-555D2 lincRNA	chr3	43998081	43999149	-	0	0
ENSG0000(CTD-2366F antisense	chr5	53089016	53089468	-	0	0
ENSG0000(KB-1836B5 lincRNA	chr8	38099471	38099931	+	0	0
ENSG0000(RP11-250B lincRNA	chr6	80355424	80356859	+	0.16	0.22
ENSG0000(RP11-360I2 lincRNA	chr5	21569755	21570045	+	0	0
ENSG0000(RP11-927P processed_	chr17	64881091	64881181	+	0	0
ENSG0000(RP11-107C transcribec	chr10	1.23E+08	1.23E+08	+	0	0
ENSG0000(RP11-177G lincRNA	chr6	79561132	79561602	+	0	0
ENSG0000(LINC01607 lincRNA	chr8	79768142	79802842	+	0.16	0.12
ENSG0000(CTD-2544H antisense	chr5	1.22E+08	1.22E+08	-	0	0
ENSG0000(RP11-574K lincRNA	chr10	73703735	73713581	-	1.63	1.73
ENSG0000(RP11-465B lincRNA	chr1	1169357	1170343	+	0	0
ENSG0000(RP11-428J lincRNA	chr6	5029972	5043449	+	1.45	1.36

ENSG00000100000	FGF14-AS2 lincRNA	chr13	1.02E+08	1.02E+08	+	0.62	0.12
ENSG00000100000	CTD-2035E lincRNA	chr5	43061395	43062441	+	0.12	0.19
ENSG00000100000	NFYC-AS1 antisense	chr1	40690380	40692066	-	1.14	0.74
ENSG00000100000	ARF4-AS1 antisense	chr3	57597715	57600927	+	0.3	0
ENSG00000100000	RP11-195B antisense	chr2	27062428	27062907	-	0.16	0.18
ENSG00000100000	RP11-627J antisense	chr3	33144104	33147721	-	0	0.38
ENSG00000100000	NBPF25P transcribed	chr1	1.46E+08	1.46E+08	-	0.85	0.84
ENSG00000100000	RP1-286D6 antisense	chr1	3785008	3785538	+	0.14	0.15
ENSG00000100000	AC005754 antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000100000	RP11-707N antisense	chr8	65714334	65714778	-	0.18	0
ENSG00000100000	RP11-477N lincRNA	chr2	54082554	54085066	+	0	0.49
ENSG00000100000	CTD-2168K antisense	chr8	24956621	24957110	+	0	0
ENSG00000100000	RP11-840I1 antisense	chr14	65003325	65003767	-	0.18	0.4
ENSG00000100000	RP11-350N antisense	chr8	38408048	38408742	-	0.38	0.21
ENSG00000100000	RNU4-5P snRNA	chr10	1.1E+08	1.1E+08	+	0	0
ENSG00000100000	RP4-713A8 sense_intr	chr1	2326201	2326693	-	0	0
ENSG00000100000	RP11-637C protein_co	chr6	10747794	10930423	+	0	0
ENSG00000100000	GS1-72M2 antisense	chr8	24912165	24914717	-	0	0
ENSG00000100000	RP11-180P processed	chr17	63004672	63005152	-	0	0
ENSG00000100000	SNORD5 snoRNA	chr3	25555543	25555606	-	0	0
ENSG00000100000	PROX1-AS1 antisense	chr1	2.14E+08	2.14E+08	-	0	0
ENSG00000100000	CASC15 lincRNA	chr6	21664772	22368328	+	2.55	2.45
ENSG00000100000	RP11-387N antisense	chr6	43074331	43074739	-	0.2	0
ENSG00000100000	RP13-582C antisense	chr8	1.43E+08	1.43E+08	-	0	0
ENSG00000100000	U47924.31 antisense	chr12	6943508	6944604	-	0.49	0.54
ENSG00000100000	RP4-657D1 antisense	chr1	51801028	51801307	+	0	0
ENSG00000100000	RP11-481J lincRNA	chr2	55952158	56181652	+	0	0
ENSG00000100000	RP11-245J antisense	chr3	64019508	64019925	+	0	0
ENSG00000100000	RP11-802C antisense	chr3	58428255	58428815	+	0.25	1.4
ENSG00000100000	RP11-523H antisense	chr2	74501717	74502365	+	0	0
ENSG00000100000	RP11-110I1 antisense	chr11	1.19E+08	1.19E+08	-	0.61	0.34
ENSG00000100000	RP3-325F2 antisense	chr6	1.37E+08	1.37E+08	+	0	0.03
ENSG00000100000	CTD-2532N lincRNA	chr8	65842752	65843331	+	0.36	0.27
ENSG00000100000	RP11-156E antisense	chr1	2.45E+08	2.45E+08	-	0.19	0.07
ENSG00000100000	HIST2H2AA protein_co	chr1	1.5E+08	1.5E+08	+	16.24	3.51
ENSG00000100000	RN7SL803F misc_RNA	chr5	1.55E+08	1.55E+08	-	0	0
ENSG00000100000	RP11-157F antisense	chr3	57078943	57080101	+	0.05	0.06
ENSG00000100000	AC004775 lincRNA	chr5	1.33E+08	1.33E+08	-	0	0
ENSG00000100000	RP11-277B lincRNA	chr1	1.67E+08	1.67E+08	-	0.2	0
ENSG00000100000	RP3-500L1 lincRNA	chr6	13825432	13826574	+	0.05	0
ENSG00000100000	RP11-347P antisense	chr2	1.96E+08	1.96E+08	+	0	0.12
ENSG00000100000	U7 snRNA	chr12	1.12E+08	1.12E+08	-	0	0
ENSG00000100000	XXbac-BPG lincRNA	chr6	33246075	33246856	-	0.59	0.39
ENSG00000100000	RP11-11N5 lincRNA	chr4	1.87E+08	1.87E+08	+	0	0
ENSG00000100000	CTB-181H1 sense_intr	chr7	1.02E+08	1.02E+08	+	0	0

ENSG00000181100	RP11-927P	transcribed	chr17	64892728	64892845	+	0	0
ENSG00000181101	XXbac-BPG	lincRNA	chr6	31394289	31395495	-	1.42	1.61
ENSG00000181102	RP1-20C7.1	antisense	chr6	43033897	43034405	-	0.44	0
ENSG00000181103	RP11-63G1	lincRNA	chr1	58812808	58813342	-	0	0
ENSG00000181104	MIR3666	miRNA	chr7	1.15E+08	1.15E+08	+	0	0
ENSG00000181105	RN7SL726F	misc_RNA	chr9	70579163	70579461	-	0.36	0.4
ENSG00000181106	CTD-2325A	antisense	chr5	42806394	42806997	+	0.12	0
ENSG00000181107	RP11-22L1	lincRNA	chr1	3306636	3310096	-	0.06	0.02
ENSG00000181108	XXbac-BPG	lincRNA	chr6	29751965	29752207	-	0	0
ENSG00000181109	SNORA25	snoRNA	chr2	2.28E+08	2.28E+08	+	0	0
ENSG00000181110	CTB-10806	antisense	chr5	1.47E+08	1.47E+08	+	0	0
ENSG00000181111	RP5-855D2	antisense	chr8	234347	234887	-	0.67	1.03
ENSG00000181112	RP11-554D	lincRNA	chr6	74530248	74734279	-	0.12	0
ENSG00000181113	RP11-379F	antisense	chr3	1.59E+08	1.59E+08	-	0	0.11
ENSG00000181114	RP3-406P2	lincRNA	chr6	4018713	4019202	+	0.31	0.34
ENSG00000181115	KB-1958F4	antisense	chr8	97132835	97133379	-	0	0
ENSG00000181116	RP11-346C	lincRNA	chr16	73060245	73060759	+	0.43	0.49
ENSG00000181117	RNA5SP38	rRNA	chr14	67657105	67657211	-	0	0
ENSG00000181118	RP11-531A	antisense	chr8	73042910	73043346	-	0	0
ENSG00000181119	CTD-3224K	lincRNA	chr5	1.4E+08	1.4E+08	-	0	0
ENSG00000181120	RP11-489E	antisense	chr8	30082758	30083467	+	0	0
ENSG00000181121	LINC01749	lincRNA	chr20	63009383	63085071	+	0	0
ENSG00000181122	RNU6-89P	snRNA	chr1	2.02E+08	2.02E+08	-	0	0
ENSG00000181123	RP11-767C	antisense	chr3	12832219	12832728	-	0	0
ENSG00000181124	RP11-92K1	lincRNA	chr8	80032724	80033300	-	0	0
ENSG00000181125	CTD-2287C	lincRNA	chr5	1.16E+08	1.16E+08	-	0	0
ENSG00000181126	RP11-375N	antisense	chr8	9555144	9556520	-	0.21	0.05
ENSG00000181127	RP11-500C	antisense	chr6	17706257	17707344	+	0.94	1.34
ENSG00000181128	XXbac-BPG	antisense	chr6	30742929	30743592	+	0.28	0
ENSG00000181129	LINC00551	lincRNA	chr13	1.07E+08	1.07E+08	+	0.03	0
ENSG00000181130	RP11-791G	lincRNA	chr2	10767875	10770058	-	0.22	0.96
ENSG00000181131	RP1-40E16	antisense	chr6	3068045	3068894	-	0.59	0.9
ENSG00000181132	RP11-157J	lincRNA	chr6	1528364	1528911	-	0	0
ENSG00000181133	TPTE2P2	transcribed	chr13	52219344	52334277	-	0	0.02
ENSG00000181134	LINC02084	lincRNA	chr3	27712910	27714005	+	0.66	0.72
ENSG00000181135	RP11-140K	antisense	chr6	34696317	34697470	+	4.16	4.63
ENSG00000181136	RP11-91J1	antisense	chr8	450714	451343	-	0	0
ENSG00000181137	SNORD96A	snoRNA	chr5	1.81E+08	1.81E+08	-	0	0
ENSG00000181138	RP11-215A	protein_coding	chr4	1.86E+08	1.87E+08	-	0	0
ENSG00000181139	RP11-386N	processed_transcript	chr15	92699040	92724277	-	0	0
ENSG00000181140	RP11-394A	lincRNA	chr13	63837295	63838031	-	0	0
ENSG00000181141	RP11-111M	lincRNA	chr11	76389648	76390128	+	0	0.35
ENSG00000181142	RP11-19C2	lincRNA	chr4	66003281	66016792	+	0	0
ENSG00000181143	RP11-894J	protein_coding	chr3	52969119	53099453	-	0	0
ENSG00000181144	RP11-231G	lincRNA	chr5	60866457	60866935	-	0	0

ENSG00000108140	IFNL4P1	unprocessed	chr19	39264382	39265817	+	0	0
ENSG00000108141	RP11-239L1	lincRNA	chr6	27001208	27001648	-	0	0
ENSG00000108142	XXbac-BPG	lincRNA	chr6	57908560	57913911	-	1.03	0.92
ENSG00000108143	AL022345.1	unprocessed	chr10	42579724	42579858	+	0	0
ENSG00000108144	RP11-506K	antisense	chr6	3311662	3313650	+	0.06	0.03
ENSG00000108145	KB-1517D1	antisense	chr8	98436669	98439290	+	0.06	0.14
ENSG00000108146	CTD-2517C	antisense	chr5	34837549	34839278	-	0.44	0.44
ENSG00000108147	CTD-2154B	antisense	chr5	10761065	10770294	+	0	0
ENSG00000108148	NUDT3	protein_coding	chr6	34279679	34392674	-	5.28	5.63
ENSG00000108149	RP4-594A5	lincRNA	chr7	8303741	8341343	+	0	0.14
ENSG00000108150	RP11-65L1.1	lincRNA	chr13	96948018	96949584	+	0	0
ENSG00000108151	AC002044.1	sense_intronic	chr16	73014319	73014476	-	0	0
ENSG00000108152	KMT2B	protein_coding	chr19	35718019	35738878	+	5.76	6
ENSG00000108153	RP11-129K	lincRNA	chr3	36973117	36973672	-	0.13	0
ENSG00000108154	RP11-53O1	lincRNA	chr5	44826076	44828592	+	1.07	1.12
ENSG00000108155	RNU6-90P	snRNA	chr15	51907200	51907305	+	0	0
ENSG00000108156	RP11-722E	lincRNA	chr8	33360839	33361415	-	0.61	0.4
ENSG00000108157	RP1-151F1	lincRNA	chr6	16764346	16766883	+	1.06	0.76
ENSG00000108158	LINC01115	lincRNA	chr2	739588	740164	-	0	0
ENSG00000108159	RP11-140I1	lincRNA	chr8	56222688	56223173	+	0.31	0
ENSG00000108160	SNORD114	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000108161	RP1-30M3	antisense	chr6	24700907	24701793	-	0.42	0.85
ENSG00000108162	RP11-927P	transcribed	chr17	64940606	64940717	+	0	0
ENSG00000108163	RP11-43F1	lincRNA	chr5	1005039	1006623	+	0	0.12
ENSG00000108164	RNA5SP50	rRNA	chrX	69672479	69672597	+	0	0
ENSG00000108165	RP11-307L	lincRNA	chr5	65020614	65020989	+	0	0
ENSG00000108166	RP5-1112D	antisense	chr6	1.11E+08	1.11E+08	+	0.11	0.14
ENSG00000108167	RNU4-89P	snRNA	chr3	1.97E+08	1.97E+08	-	0	0
ENSG00000108168	RP11-359I1	lincRNA	chr3	58490830	58491291	-	0.17	0
ENSG00000108169	GS1-166A2	lincRNA	chr7	16593626	16594224	-	0	0
ENSG00000108170	RP4-781K5	lincRNA	chr1	2.35E+08	2.35E+08	+	0	0
ENSG00000108171	RP11-573G	lincRNA	chr10	22340377	22340615	-	0	0
ENSG00000108172	CTC-428H1	antisense	chr5	87376256	87377180	-	0.27	0.07
ENSG00000108173	RP4-605O3	antisense	chr12	50112197	50165618	+	0.44	0.22
ENSG00000108174	RP11-446N	lincRNA	chr12	46537502	46652550	+	0	0.39
ENSG00000108175	RP11-307L	lincRNA	chr5	65020038	65020551	+	0	0
ENSG00000108176	RP11-25O1	lincRNA	chr1	52554818	52555273	+	0	0
ENSG00000108177	RP11-441F	antisense	chr16	56351886	56353524	-	0.03	0
ENSG00000108178	RP3-329A5	lincRNA	chr6	35220370	35224630	-	0.49	0.26
ENSG00000108179	RP11-51J9	lincRNA	chr8	30197404	30198048	+	0.21	0.12
ENSG00000108180	RP1-257A7	lincRNA	chr6	13290018	13290490	-	0.33	0.54
ENSG00000108181	MIR3976	miRNA	chr18	5840695	5840833	+	0	0
ENSG00000108182	RP11-192P	lincRNA	chr10	31187883	31261910	+	0.03	0.12
ENSG00000108183	CTD-2035E	lincRNA	chr5	43033716	43034635	+	0.13	0.07
ENSG00000108184	RP11-556C	processed	chr17	63088162	63089197	-	0	0

ENSG00000100000	RP11-44N1	lincRNA	chr8	1.23E+08	1.23E+08	-	3.51	2.9
ENSG00000100000	RP11-666A	sense_intronic	chr17	76551352	76551750	+	0	0.7
ENSG00000100000	AL022345	unprocessed	chr10	42583241	42583375	+	0	0
ENSG00000100000	CTC-487M	antisense	chr5	1.13E+08	1.13E+08	+	0	0
ENSG00000100000	POM121C	protein_coding	chr7	75416787	75486271	-	12.53	13.44
ENSG00000100000	RNU6-92P	snRNA	chr7	1.33E+08	1.33E+08	+	0	0
ENSG00000100000	IFNL4	polymorphic	chr19	39246314	39248856	-	0	0
ENSG00000100000	CTC-490G2	antisense	chr19	43360685	43368970	-	0	0
ENSG00000100000	RP11-497D	lincRNA	chr6	1.47E+08	1.47E+08	-	0	0
ENSG00000100000	CD24	protein_coding	chr6	1.07E+08	1.07E+08	-	14.97	21.41
ENSG00000100000	RP11-927P	unprocessed	chr17	64847386	64847728	+	0	0
ENSG00000100000	RP1-30M3	antisense	chr6	24706747	24707151	+	0	0
ENSG00000100000	RP11-284F	antisense	chr1	1.57E+08	1.57E+08	-	0.69	0.61
ENSG00000100000	RP11-185E	lincRNA	chr5	93741640	93743500	+	0	0
ENSG00000100000	RP3-511B2	transcribed	chr20	41196647	41196938	-	0.75	0.41
ENSG00000100000	RP11-438J	protein_coding	chr3	10249372	10285796	+	1.68	2.33
ENSG00000100000	RP11-44B1	antisense	chr5	1.49E+08	1.49E+08	+	0	0
ENSG00000100000	RN7SL778F	misc_RNA	chr11	1.3E+08	1.3E+08	+	0	0
ENSG00000100000	FAM47E-S1	protein_coding	chr4	76251721	76311129	+	3.69	2.46
ENSG00000100000	CTD-2081C	lincRNA	chr5	53880293	53881051	-	0	0
ENSG00000100000	CTD-2199C	lincRNA	chr5	10203600	10204040	-	0	0
ENSG00000100000	RP11-762H	sense_intronic	chr15	78280950	78282190	-	0	0
ENSG00000100000	RP11-403I	transcribed	chr1	1.45E+08	1.45E+08	-	12.73	8.34
ENSG00000100000	RP4-740C4	sense_intronic	chr1	2363061	2363628	-	0	0.28
ENSG00000100000	RP11-363E	lincRNA	chr8	81275399	81277570	-	0	0.03
ENSG00000100000	RP11-108M	lincRNA	chr1	16904339	16904776	-	0	0
ENSG00000100000	RP11-704J	lincRNA	chr6	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	RP11-38L1	lincRNA	chr10	46632387	46635472	+	0	0.14
ENSG00000100000	RP11-281C	lincRNA	chr5	1.79E+08	1.79E+08	-	0	0
ENSG00000100000	RP3-465N2	lincRNA	chr1	25247837	25248321	+	0	0
ENSG00000100000	RP13-131K	antisense	chr3	49029316	49029706	+	0.44	1.45
ENSG00000100000	RNA5SP35	rRNA	chr12	34205699	34205817	+	0	0
ENSG00000100000	CUX2P1	processed	chr10	10257169	10257466	-	0	0
ENSG00000100000	RP11-5407	lincRNA	chr1	904834	915976	+	0.26	0
ENSG00000100000	RNU6-91P	snRNA	chr14	99444306	99444412	+	0	0
ENSG00000100000	RP11-379F	lincRNA	chr3	1.59E+08	1.59E+08	+	0	0
ENSG00000100000	RP11-444E	protein_coding	chr6	44273194	44378957	+	0	0
ENSG00000100000	OR13Z2P	unprocessed	chr1	1.47E+08	1.47E+08	+	0	0
ENSG00000100000	RP11-1017	lincRNA	chr14	1.02E+08	1.02E+08	+	0.31	0.46
ENSG00000100000	RNU6-84P	snRNA	chr6	76557653	76557754	-	0	0
ENSG00000100000	RP1-225E1	processed	chr6	1.39E+08	1.39E+08	-	0.29	0
ENSG00000100000	RP11-182L	lincRNA	chr10	79825902	79827602	+	4.12	3.28
ENSG00000100000	RP3-395M	lincRNA	chr1	2546465	2547460	+	0.12	0.13
ENSG00000100000	RP4-758J1	lincRNA	chr1	1409096	1410618	+	2.72	3.39
ENSG00000100000	CTD-2342N	lincRNA	chr8	1.35E+08	1.35E+08	+	0	0

ENSG000001070	antisense	chr8	53876150	53876649	-	0	0.33
ENSG0000010432	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000011277	lincRNA	chr5	1.78E+08	1.78E+08	+	3.48	1.62
ENSG0000010115	snoRNA	chr15	25243614	25243695	+	0	0
ENSG0000010689C	lincRNA	chr18	962592	976883	-	0	0
ENSG000001091328.19	lincRNA	chr6	25992662	26001775	+	1.31	1.67
ENSG0000010532F	lincRNA	chr6	708592	711405	-	0.1	0.09
ENSG0000010136B1	lincRNA	chr6	2437549	2438249	+	0.28	0.42
ENSG0000010186C11	lincRNA	chr6	27122657	27123221	-	0	0.28
ENSG000001075L760F	misc_RNA	chr8	73833773	73834042	-	0	0
ENSG000001095G1	sense_intronic	chr6	1.23E+08	1.23E+08	+	0	0
ENSG000001006273.	lincRNA	chr19	781002	781862	-	0.22	0.17
ENSG0000010113	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000010191J1	antisense	chr6	1.08E+08	1.08E+08	+	0.74	0.66
ENSG0000010158G	sense_intronic	chr3	18408680	18409635	-	0	0
ENSG00000101317E2	antisense	chr1	25831913	25832134	-	0	0
ENSG00000101301G	lincRNA	chr8	40519565	40520158	-	0.12	0
ENSG000001013Z3P	unprocessed	chr1	1.47E+08	1.47E+08	+	0	0
ENSG00000101474C	lincRNA	chr1	12618900	12619244	-	4.1	6.61
ENSG0000010169K	antisense	chr3	11611602	11612197	+	0	0
ENSG00000101284J	lincRNA	chr6	774747	780214	-	0	0
ENSG00000101532N	antisense	chr8	1.25E+08	1.25E+08	+	0	0.07
ENSG00000101182L	sense_intronic	chr10	79663192	79664786	+	1.14	0.68
ENSG0000010151024N	antisense	chr1	48227888	48229561	-	0.2	0.19
ENSG000001011X1P	unprocessed	chr5	1.76E+08	1.76E+08	+	0	0
ENSG00000101415F	antisense	chr3	16339308	16339871	+	0	0.28
ENSG00000101XXbac-BPG	antisense	chr6	31195200	31198037	-	1.39	1.73
ENSG00000101713N	antisense	chr8	1.21E+08	1.21E+08	+	0	0.11
ENSG00000101981G	lincRNA	chr8	10486807	10489666	+	0.13	0.04
ENSG000001014535B2	lincRNA	chr1	65003470	65004087	-	0	0
ENSG00000101RNU6-88P	snRNA	chr10	12116280	12116379	-	0	0
ENSG0000010196C2	processed	chr10	86993432	87024732	+	0	0
ENSG00000101347C	antisense	chr8	94884609	94885070	+	0.17	0
ENSG000001014680D5	antisense	chr1	15565611	15565956	-	0	0
ENSG000001015407	lincRNA	chr1	995966	998051	-	0.03	0
ENSG00000101CFAP206	protein_coding	chr6	87407983	87464465	+	0.18	0.13
ENSG0000010129P2	lincRNA	chr13	87607907	87609234	-	0	0
ENSG00000101573G	lincRNA	chr10	22332404	22332987	+	0	0
ENSG0000010126J3.	sense_intronic	chr8	79956465	79957381	-	0.81	0.15
ENSG00000101105N	lincRNA	chr2	2.13E+08	2.13E+08	-	0	0
ENSG00000101LINC01023	lincRNA	chr5	1.09E+08	1.09E+08	-	1.84	0.41
ENSG00000101254F	lincRNA	chr2	10120734	10121065	+	0	0
ENSG0000010179P5	lincRNA	chr5	73497550	73498293	-	0.26	0.48
ENSG00000101415F	antisense	chr3	16345126	16346440	+	0	0
ENSG00000101SNORA28	snoRNA	chr14	1.03E+08	1.03E+08	+	0	0

ENSG0000(RN7SL840F)	misc_RNA	chr10	72582803	72583086	+	0	0
ENSG0000(GS1-166A2)	lincRNA	chr7	16471184	16471373	+	0	0
ENSG0000(XXbac-BPG)	antisense	chr6	30723105	30723877	-	0	0
ENSG0000(XXbac-BPG)	lincRNA	chr6	57855891	57856468	-	0.2	0
ENSG0000(RP11-255P)	lincRNA	chr13	1.03E+08	1.03E+08	+	0	0.07
ENSG0000(MIR4787)	miRNA	chr3	50675080	50675163	+	0	0
ENSG0000(CTC-527H2)	lincRNA	chr16	48640473	48641052	+	0	0
ENSG0000(OR3A5P)	transcribed	chr17	3311193	3311892	+	0	0
ENSG0000(RP11-351J)	lincRNA	chr6	1.68E+08	1.68E+08	-	0	0
ENSG0000(RP11-324L)	lincRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-317L)	lincRNA	chr3	24496272	24499580	-	0	0
ENSG0000(RP11-459I)	lincRNA	chr2	2.19E+08	2.19E+08	+	0.17	0.38
ENSG0000(GTF2IP13)	transcribed	chr7	45769105	45815263	+	0.67	0.71
ENSG0000(U91328.21)	antisense	chr6	25983812	25999167	-	0	0
ENSG0000(OR51F3P)	unprocessed	chr11	4736178	4737078	-	0	0
ENSG0000(RP11-396C)	antisense	chr1	2.26E+08	2.26E+08	-	0	0.17
ENSG0000(RP11-480C)	lincRNA	chr2	1.13E+08	1.13E+08	+	0.1	0.02
ENSG0000(RP11-548P)	lincRNA	chr2	85904279	85904727	+	0.53	0
ENSG0000(RP11-462G)	lincRNA	chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(RP11-73K9)	lincRNA	chr4	1.12E+08	1.12E+08	-	0	0
ENSG0000(CTB-113D1)	antisense	chr7	28979967	29013367	+	0	0
ENSG0000(OR5BL1P)	unprocessed	chr11	58171098	58171721	+	0	0
ENSG0000(RP11-179B)	antisense	chr10	1.01E+08	1.01E+08	-	0.17	0.19
ENSG0000(MUSTN1)	protein_coding	chr3	52833114	52835219	-	0.01	0
ENSG0000(RP11-359K)	sense_intronic	chr1	1.63E+08	1.63E+08	+	0.44	0
ENSG0000(LINC02098)	lincRNA	chr11	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-365H)	lincRNA	chr4	51918772	51919381	+	0	0.12
ENSG0000(AP000347)	transcribed	chr22	23658094	23717356	-	2.08	1.79
ENSG0000(RP11-101E)	antisense	chr1	1.93E+08	1.93E+08	-	0.1	0.11
ENSG0000(RP5-1039K)	antisense	chr22	37950965	37951778	+	0.06	0.07
ENSG0000(RP11-344P)	lincRNA	chr1	1.22E+08	1.22E+08	-	0	0
ENSG0000(RP11-440L)	antisense	chr4	757022	757740	-	0	0.1
ENSG0000(ZSWIM8-A)	antisense	chr10	73796514	73801399	-	0	0.08
ENSG0000(RP11-63A2)	antisense	chr10	61684892	61685388	-	0	0
ENSG0000(RP11-339B)	lincRNA	chr9	1.28E+08	1.28E+08	+	0	0
ENSG0000(OR10AH1P)	unprocessed	chr7	5117169	5118087	+	0	0
ENSG0000(RP11-446H)	lincRNA	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(RP11-152N)	antisense	chr10	73124573	73125532	-	0	0.12
ENSG0000(AC007308)	antisense	chr22	20889206	20891214	-	0	0
ENSG0000(RP11-155G)	transcribed	chr7	1.28E+08	1.28E+08	+	2.1	3.74
ENSG0000(ZNF595)	protein_coding	chr4	53285	88211	+	2.1	1.49
ENSG0000(RP11-251G)	antisense	chr7	1.06E+08	1.06E+08	+	0.28	0.14
ENSG0000(RP11-554J)	antisense	chr2	55617909	55618373	+	0.17	1.1
ENSG0000(RP11-461N)	antisense	chr3	1.38E+08	1.38E+08	-	0	0
ENSG0000(MAGI1-IT1)	sense_intronic	chr3	65872815	65954558	-	0	0.02

ENSG00000108080	COG8	protein_coding	chr16	69326913	69339667	-	8.24	6.56
ENSG00000108081	RP11-563K	lincRNA	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000108082	AFAP1-AS1	antisense	chr4	7754090	7778928	+	0	0
ENSG00000108083	RP11-395N	lincRNA	chr2	2.27E+08	2.27E+08	+	0	0
ENSG00000108084	RP11-737C	antisense	chr18	2920966	2921685	+	0	0
ENSG00000108085	RP11-468N	lincRNA	chr4	68901008	68906983	-	0	0
ENSG00000108086	RP11-354E	sense_intronic	chr10	72766560	72767052	+	0	0.17
ENSG00000108087	RP11-344N	lincRNA	chr10	73098044	73101297	-	0.39	0.14
ENSG00000108088	RP11-359E	antisense	chr10	86749754	86756298	-	0.58	0.37
ENSG00000108089	RP11-362F	lincRNA	chr4	1.41E+08	1.41E+08	+	0	0
ENSG00000108090	OR51F5P	unprocessed_transcript	chr11	4709569	4710510	+	0	0
ENSG00000108091	LLNLF-65H1	processed_transcript	chr19	27793488	27984984	+	0	0
ENSG00000108092	DOC2B	protein_coding	chr17	142789	181636	-	0.01	0.02
ENSG00000108093	GS1-114I9	antisense	chr7	30424672	30425412	+	0	0.29
ENSG00000108094	RP11-66B2	processed_transcript	chr15	1.01E+08	1.01E+08	+	0	0
ENSG00000108095	CTD-2234N	lincRNA	chr11	1.27E+08	1.27E+08	+	0	0
ENSG00000108096	RP11-3304	lincRNA	chr2	2.19E+08	2.19E+08	-	0.52	0.76
ENSG00000108097	GTF2IP20	transcribed_unit	chr1	2.24E+08	2.24E+08	-	3.28	3.5
ENSG00000108098	RP11-188P	lincRNA	chr4	1.83E+08	1.83E+08	-	0	0
ENSG00000108099	GS1-259H1	protein_coding	chr7	99558695	99607810	+	0	0.24
ENSG00000108100	RP11-571I1	lincRNA	chr4	53997415	53997712	-	0	0
ENSG00000108101	RP11-422P	lincRNA	chr1	1.54E+08	1.54E+08	+	0.12	0.22
ENSG00000108102	POLR2J4	transcribed_unit	chr7	44013562	44019170	-	5.03	2.52
ENSG00000108103	RP11-219D	antisense	chr3	1.39E+08	1.39E+08	-	0	0
ENSG00000108104	AP000320	processed_transcript	chr21	34073592	34360033	+	0	0
ENSG00000108105	RP11-145N	antisense	chr3	1.8E+08	1.8E+08	-	0	0
ENSG00000108106	RP4-548D1	antisense	chr7	1.51E+08	1.51E+08	+	2.1	0.41
ENSG00000108107	RP11-190C	lincRNA	chr3	1.19E+08	1.19E+08	-	0.15	0
ENSG00000108108	RP11-191L	lincRNA	chr2	48440043	48440597	-	0	0.14
ENSG00000108109	OR51C4P	unprocessed_transcript	chr11	4718612	4719559	+	0	0
ENSG00000108110	CTA-384D8	lincRNA	chr22	50542305	50542906	-	0.12	0
ENSG00000108111	RP11-395A	lincRNA	chr2	1.28E+08	1.28E+08	+	3.27	4.84
ENSG00000108112	RP11-190A	antisense	chr1	1.6E+08	1.6E+08	+	1.61	1.38
ENSG00000108113	RP3-508I15	antisense	chr22	38742625	38743115	+	0.77	0.68
ENSG00000108114	RP11-302M	lincRNA	chr1	89939601	89940147	+	0	0
ENSG00000108115	PCDHB16	protein_coding	chr5	1.41E+08	1.41E+08	+	1.34	1.6
ENSG00000108116	OR5A01P	unprocessed_transcript	chr11	57045091	57045390	+	0	0
ENSG00000108117	RP11-127B	antisense	chr4	82374301	82384027	+	0.67	1.49
ENSG00000108118	RP11-797D	antisense	chr3	1.23E+08	1.23E+08	+	0	0.24
ENSG00000108119	RP11-216L	processed_transcript	chr9	1.37E+08	1.37E+08	+	0	0
ENSG00000108120	FAM223B	lincRNA	chrX	1.55E+08	1.55E+08	-	0.14	0
ENSG00000108121	AC004471	lincRNA	chr22	19124309	19128449	-	0	0
ENSG00000108122	OR9I3P	unprocessed_transcript	chr11	58108720	58109661	-	0	0
ENSG00000108123	RP11-390E	antisense	chr7	1.24E+08	1.24E+08	+	1.06	1.34
ENSG00000108124	RP13-270P	lincRNA	chr18	3246401	3247086	-	2.62	2.67

ENSG00000180500	RP4-539M1	sense_intronic	chr22	30421206	30421536	-	0	0
ENSG00000180501	LINC02018	lincRNA	chr3	75435348	75457486	+	0.11	0.86
ENSG00000180502	RP11-290M1	lincRNA	chr1	85578500	85578742	-	0	0
ENSG00000180503	RP11-399K1	lincRNA	chr10	75409157	75411842	+	0.18	0.33
ENSG00000180504	RP11-479C1	lincRNA	chr7	65647010	65770810	-	0.14	0.06
ENSG00000180505	RP1-63G5.1	antisense	chr22	37371684	37372858	+	0	0
ENSG00000180506	GAS6-AS2	lincRNA	chr13	1.14E+08	1.14E+08	+	1.03	1.67
ENSG00000180507	RP11-339B1	antisense	chr9	1.28E+08	1.28E+08	+	0.74	0.27
ENSG00000180508	RP11-145M1	antisense	chr3	1.79E+08	1.79E+08	+	0	0
ENSG00000180509	MESTIT1	antisense	chr7	1.3E+08	1.3E+08	-	0	0.04
ENSG00000180510	RP11-44N2	processed_transcript	chr2	73113018	73115907	+	1.63	1.15
ENSG00000180511	RP11-78A1	antisense	chr18	11857155	11857554	-	0	0
ENSG00000180512	RP11-534C1	lincRNA	chr3	1.95E+08	1.95E+08	-	0	0
ENSG00000180513	CTD-2026C	lincRNA	chr3	75540049	75579999	-	0	0
ENSG00000180514	RP11-259N1	lincRNA	chr2	74832655	74833987	-	0.79	1.83
ENSG00000180515	RP1-276J1	transcribed_unit	chr6	1.21E+08	1.21E+08	+	0	0
ENSG00000180516	RP4-753F5	lincRNA	chr1	1.17E+08	1.17E+08	-	0	0
ENSG00000180517	RP11-563N1	lincRNA	chr2	32165046	32165757	-	0.38	0.41
ENSG00000180518	RP11-342I1	antisense	chr4	1.4E+08	1.4E+08	+	0.22	0.08
ENSG00000180519	CTB-161C1	antisense	chr7	5556731	5557245	+	0.14	0.32
ENSG00000180520	CTA-228A9	lincRNA	chr22	38090127	38091559	+	1.27	0.52
ENSG00000180521	RP11-778D1	antisense	chr3	1.84E+08	1.84E+08	-	0	0
ENSG00000180522	OR7E47P	sense_intronic	chr12	52084744	52092285	+	0	0
ENSG00000180523	RP11-142A1	lincRNA	chr4	1.45E+08	1.45E+08	-	0	0
ENSG00000180524	RP11-387A1	antisense	chr2	1.76E+08	1.76E+08	-	0	0
ENSG00000180525	RP5-1159C1	lincRNA	chr7	7550104	7552440	-	0	0.04
ENSG00000180526	KB-208E9.1	lincRNA	chr22	23580880	23583859	-	0.22	0
ENSG00000180527	ADIRF-AS1	processed_transcript	chr10	86965345	86971311	-	7.1	6.52
ENSG00000180528	RP11-467P1	lincRNA	chr2	71067519	71068125	-	0	0.13
ENSG00000180529	RP11-799N1	antisense	chr17	10383132	10537862	+	0.12	0.13
ENSG00000180530	RP11-447L1	protein_coding	chr3	1.96E+08	1.96E+08	-	0	0
ENSG00000180531	CTB-43P18	antisense	chr5	1.39E+08	1.39E+08	-	0	0
ENSG00000180532	RP11-367N1	lincRNA	chr4	1.84E+08	1.84E+08	+	0	0
ENSG00000180533	RP5-1007H1	lincRNA	chr7	7619872	7620543	+	0	0
ENSG00000180534	RP11-53B2	sense_intronic	chr18	13526078	13526688	+	0	0
ENSG00000180535	RP11-222G1	lincRNA	chr10	74821610	74822130	-	0	0.16
ENSG00000180536	RP11-378J1	antisense	chr1	2.23E+08	2.23E+08	-	0.04	0.05
ENSG00000180537	STAG3L5P-	processed_transcript	chr7	1E+08	1E+08	+	3.15	2.57
ENSG00000180538	AL133245.1	lincRNA	chr2	32321638	32323002	+	0	0
ENSG00000180539	RP11-326G1	lincRNA	chr1	1.49E+08	1.49E+08	+	1.39	0.55
ENSG00000180540	RP11-299J1	antisense	chr3	1.22E+08	1.22E+08	+	2.63	2.59
ENSG00000180541	RP11-5C23	antisense	chr7	1.55E+08	1.55E+08	+	0.51	0.49
ENSG00000180542	RP11-155D1	processed_transcript	chr3	51961212	51974031	-	0	0
ENSG00000180543	RP11-357H1	lincRNA	chr17	48635923	48647023	-	0	0
ENSG00000180544	RP11-318E1	lincRNA	chr10	5813985	5814441	+	0	0.93

ENSG0000(JMJD1C-AS antisense	chr10	63465229	63466563	+	0.44	0.38
ENSG0000(RP4-673M: antisense	chr7	44884953	44886393	+	1.28	1.63
ENSG0000(RP11-725P lincRNA	chr2	1.32E+08	1.32E+08	-	0.1	0.04
ENSG0000(RP11-74E2 antisense	chr17	2683305	2685088	-	0	0
ENSG0000(CTD-2410N protein_co	chr5	1.34E+08	1.34E+08	-	0.41	0.39
ENSG0000(RP11-433A lincRNA	chr3	72178279	72178810	+	0	0
ENSG0000(RP11-571L lincRNA	chr4	99067256	99068125	-	0.22	0.16
ENSG0000(LL22NC03- unprocessε	chr22	22303224	22310401	+	6.88	7.27
ENSG0000(RP11-822E processed_	chr17	21532477	21574517	-	1.77	2.15
ENSG0000(RP13-1016 lincRNA	chr4	1550284	1550572	+	0	0
ENSG0000(RP11-335L lincRNA	chr4	1.83E+08	1.83E+08	-	0.11	0
ENSG0000(KB-226F1.2 lincRNA	chr22	23969211	23969873	+	0.1	0.45
ENSG0000(RP11-674N sense_intrε	chr18	8801656	8802305	+	0.31	0
ENSG0000(RP11-286H antisense	chr2	1.28E+08	1.28E+08	-	0	0.1
ENSG0000(RP11-464F lincRNA	chr10	73630556	73631490	+	0.13	0.29
ENSG0000(RP11-602N lincRNA	chr4	1.1E+08	1.1E+08	-	0.25	0.27
ENSG0000(RP11-368I2 lincRNA	chr3	1.69E+08	1.69E+08	+	0	0
ENSG0000(CTA-390C1 lincRNA	chr22	25436312	25436915	+	0	0
ENSG0000(RP11-474N lincRNA	chr18	9912316	9912849	-	0.14	0.15
ENSG0000(RP11-438L lincRNA	chr2	1.83E+08	1.83E+08	+	0.11	0
ENSG0000(RP1-17001 processed_	chr7	27147366	27152598	-	0	0
ENSG0000(KRTAP10-7 protein_co	chr21	44600597	44602174	+	0	0
ENSG0000(RP11-260N antisense	chr2	2.1E+08	2.1E+08	+	0.09	0.58
ENSG0000(RP11-66B2 processed_	chr15	1.01E+08	1.01E+08	+	0.09	0.18
ENSG0000(U91328.22 lincRNA	chr6	26013241	26013757	+	0.14	0
ENSG0000(RP5-855D2 sense_intrε	chr8	233119	233692	+	1.61	0.85
ENSG0000(RP11-1512C antisense	chr2	46956615	46956888	-	0	0
ENSG0000(RP11-219A processed_	chr17	16788057	16816540	+	0	0
ENSG0000(RP11-402D antisense	chr10	91908131	91909348	+	0	0
ENSG0000(CTA-384D8 antisense	chr22	50523926	50524780	+	1.03	1.13
ENSG0000(RP11-302B protein_co	chr12	48903503	48957365	-	1.74	1.59
ENSG0000(RP11-295M lincRNA	chr1	2.21E+08	2.21E+08	-	0.27	0.45
ENSG0000(RP6-74O6.l lincRNA	chr1	1.48E+08	1.48E+08	-	0.36	0.79
ENSG0000(LL21NC02- antisense	chr21	44936303	44936954	+	0.1	0.11
ENSG0000(RP11-445P lincRNA	chr1	1.87E+08	1.87E+08	+	0	0
ENSG0000(XXbac-B13 lincRNA	chr22	20981361	20981755	-	0	0.24
ENSG0000(RP11-792A antisense	chr7	66739829	66740385	-	4.12	4.39
ENSG0000(RP11-91K8 lincRNA	chr3	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP5-1042K antisense	chr22	40415003	40415445	+	0	0
ENSG0000(RP3-402G1 antisense	chr22	50205585	50206062	-	0.48	0.18
ENSG0000(OR10AE3P unprocessε	chr12	55646195	55646663	-	0	0
ENSG0000(RP11-452C antisense	chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(RP11-379B lincRNA	chr3	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP3-428L1 antisense	chr6	1.61E+08	1.61E+08	-	1.13	1.72
ENSG0000(RP11-513N antisense	chr9	19371386	19371945	-	0	0

ENSG00000100000	RP11-313P antisense	chr7	72924418	72925125	-	0.28	0
ENSG00000100000	RP11-484K antisense	chr3	1.13E+08	1.13E+08	-	0	0.1
ENSG00000100000	RP1-137D1 lincRNA	chr6	1.69E+08	1.69E+08	-	0.1	0.11
ENSG00000100000	RP11-347I1 lincRNA	chr12	1.22E+08	1.22E+08	+	0	0
ENSG00000100000	RP11-801F antisense	chr2	2.08E+08	2.08E+08	-	0	0
ENSG00000100000	RP11-398C lincRNA	chr10	14877688	14878686	-	0.98	0.6
ENSG00000100000	RP4-593H1 antisense	chr7	1.08E+08	1.08E+08	-	0.15	0
ENSG00000100000	RP5-1102E lincRNA	chr1	76636877	76637339	+	0	0
ENSG00000100000	RP11-710E lincRNA	chr4	87460807	87462280	-	0	0
ENSG00000100000	CTA-292E1 sense_intronic	chr22	28814914	28815662	+	0.17	0
ENSG00000100000	RP11-332H lincRNA	chr2	1.05E+08	1.05E+08	-	0.22	0.48
ENSG00000100000	RP11-814H lincRNA	chr4	41988741	41989237	-	0.3	0
ENSG00000100000	RP11-17E1 lincRNA	chr1	74698769	74699333	-	0.13	0
ENSG00000100000	RP11-561I1 antisense	chr1	2.42E+08	2.42E+08	+	0	0
ENSG00000100000	RP11-12D2 lincRNA	chr9	5351796	5352410	-	0	0
ENSG00000100000	CTC-487M1 protein_coding	chr5	1.13E+08	1.13E+08	+	2.06	3.69
ENSG00000100000	RP11-798N antisense	chr4	1.73E+08	1.73E+08	-	9.09	6.17
ENSG00000100000	RP11-408A lincRNA	chr9	14588797	14590065	-	0.23	0.1
ENSG00000100000	LL22NC03- sense_intronic	chr22	15823197	15823890	+	0.19	0.53
ENSG00000100000	RP5-1103G lincRNA	chr20	267186	268857	+	0.03	0
ENSG00000100000	RP11-33M1 lincRNA	chr1	1.82E+08	1.82E+08	+	0	0
ENSG00000100000	OR2BH1P unprocessed	chr11	28986635	28987498	+	0	0
ENSG00000100000	RP11-104H processed	chr17	7439506	7445966	+	0.05	0.11
ENSG00000100000	RP11-2H3.1 lincRNA	chr4	416118	416537	-	0.39	0
ENSG00000100000	DCP1A protein_coding	chr3	53283428	53347610	-	5.14	6.58
ENSG00000100000	CSPG4P5 transcribed	chr15	84401807	84408005	-	0.51	0.31
ENSG00000100000	LINC01578 processed	chr15	92882707	92899701	+	45.7	48.45
ENSG00000100000	RP11-57G1 lincRNA	chr10	67849525	67850746	+	0.15	0.11
ENSG00000100000	RP5-1159C lincRNA	chr7	7552462	7566996	-	0.43	0.56
ENSG00000100000	RP11-98C1 antisense	chr2	1.18E+08	1.18E+08	+	0	0
ENSG00000100000	RP11-216L protein_coding	chr9	1.37E+08	1.37E+08	+	0.63	0.25
ENSG00000100000	RP1-309K2 protein_coding	chr20	35632340	35674544	-	0	0
ENSG00000100000	RP11-309L1 protein_coding	chr7	1.29E+08	1.29E+08	+	0.19	0.2
ENSG00000100000	OR10Q2P unprocessed	chr11	58291826	58292765	-	0	0
ENSG00000100000	TBC1D8-AS lincRNA	chr2	1.01E+08	1.01E+08	+	0.53	0.27
ENSG00000100000	RP11-392E processed	chr9	38542479	38568422	-	0	0
ENSG00000100000	RP11-265E lincRNA	chr7	32845394	32846061	+	0.1	0
ENSG00000100000	RP11-533E lincRNA	chr1	1.8E+08	1.8E+08	-	0.25	0.88
ENSG00000100000	RP11-121A lincRNA	chr7	38326070	38329643	-	0.03	0.03
ENSG00000100000	CTD-2555C antisense	chr14	64440369	64442238	-	1.11	1.01
ENSG00000100000	RP11-15L1 antisense	chr3	1.8E+08	1.8E+08	-	0	0
ENSG00000100000	RP11-74E2 lincRNA	chr17	2688473	2688960	+	0	0
ENSG00000100000	RP11-724N lincRNA	chr10	1.03E+08	1.03E+08	+	0.08	0
ENSG00000100000	RP11-440D lincRNA	chr2	95525109	95526702	-	3.32	3.07
ENSG00000100000	RP11-330C sense_intronic	chr10	30831828	30833387	-	0.04	0.04

ENSG00000162111	RP11-62J1. lincRNA	chr7	1.28E+08	1.28E+08	-	0	0
ENSG00000162112	RP11-574K protein_coding	chr10	73796514	73811651	-	0.31	0.23
ENSG00000162113	RP11-705C processed_transcript	chr12	9642872	9657070	+	0	0.42
ENSG00000162114	CTB-152G1 antisense	chr7	1.05E+08	1.05E+08	-	0.08	0.25
ENSG00000162115	hsa-mir-12 lincRNA	chr17	2748078	2748182	+	0	0
ENSG00000162116	RP11-500M protein_coding	chr12	4604944	4662643	+	3.88	0
ENSG00000162117	RP11-329B lincRNA	chr3	1.85E+08	1.85E+08	+	0	0
ENSG00000162118	RP11-391L lincRNA	chr16	81385463	81387560	+	0	0.67
ENSG00000162119	RP11-1191 antisense	chr4	661209	661945	-	0	0
ENSG00000162120	RP5-943J3. lincRNA	chr1	89820174	89820868	-	0.19	0.11
ENSG00000162121	RP11-47A8 lincRNA	chr10	1.03E+08	1.03E+08	-	0.13	0.05
ENSG00000162122	RP11-392E processed_transcript	chr9	38542389	38543215	-	0.31	0
ENSG00000162123	RP11-700J antisense	chr4	44704405	44704965	+	0	0.14
ENSG00000162124	OR6U2P unprocessed_transcript	chr12	55611623	55612554	+	0	0
ENSG00000162125	CTA-384D8 lincRNA	chr22	50597152	50597599	+	0	0
ENSG00000162126	RP11-134L antisense	chr7	1.35E+08	1.35E+08	+	0.52	0.8
ENSG00000162127	CTA-246H3 lincRNA	chr22	25434324	25435070	-	0	0.1
ENSG00000162128	CTD-2308L antisense	chr2	2.22E+08	2.22E+08	+	0.11	0.25
ENSG00000162129	CTD-3216D sense_intronic	chr20	34281632	34286466	-	0.12	0.13
ENSG00000162130	AP001412. antisense	chr21	37267784	37268497	+	0.37	0.3
ENSG00000162131	RP11-514P processed_transcript	chr7	1.02E+08	1.03E+08	-	0	1.03
ENSG00000162132	RP11-307C antisense	chr7	98322853	98323430	+	0.37	0.13
ENSG00000162133	RP11-1275 lincRNA	chr7	5425770	5426401	+	0.22	1.43
ENSG00000162134	KB-1440D3 sense_intronic	chr22	21661934	21662363	+	0	0
ENSG00000162135	CMP21-97 lincRNA	chr21	34425508	34426017	+	0	0
ENSG00000162136	OR7A19P unprocessed_transcript	chr12	46592573	46593305	+	0	0
ENSG00000162137	RP11-686C lincRNA	chr2	2.02E+08	2.02E+08	+	0.34	0
ENSG00000162138	RP11-190C antisense	chr3	1.2E+08	1.2E+08	-	0	0
ENSG00000162139	RBAK-RBAK protein_coding	chr7	4983718	5073221	+	0	0
ENSG00000162140	RP11-528I antisense	chr4	55547112	55547889	+	0	0
ENSG00000162141	RP11-329B lincRNA	chr3	1.85E+08	1.85E+08	+	0.57	0
ENSG00000162142	RP11-284F lincRNA	chr1	1.57E+08	1.57E+08	-	0	0
ENSG00000162143	KB-1125A3 antisense	chr22	23856427	23857039	-	0.45	0.5
ENSG00000162144	MYHAS antisense	chr17	10383144	10623886	+	0	0.03
ENSG00000162145	CTA-390C1 sense_intronic	chr22	25476218	25479971	+	0.27	0.17
ENSG00000162146	RP11-647K antisense	chr2	1.9E+08	1.9E+08	-	0	0.41
ENSG00000162147	RP11-517H processed_transcript	chr6	1.67E+08	1.67E+08	+	0.07	0.09
ENSG00000162148	CTD-2234N lincRNA	chr11	1.27E+08	1.27E+08	+	0	0
ENSG00000162149	RP5-1180E antisense	chr1	1.11E+08	1.11E+08	-	0	0
ENSG00000162150	RP11-508N lincRNA	chr10	38137337	38144399	+	0.14	0.22
ENSG00000162151	RP11-85E1 lincRNA	chr7	36734004	36734535	-	0	0
ENSG00000162152	RP11-46J2 antisense	chr4	70703747	70704491	-	0.09	0.1
ENSG00000162153	OR5A11 polymorph	chr11	56412696	56413680	+	0	0
ENSG00000162154	RP11-150D lincRNA	chr10	72053294	72054037	-	0	0
ENSG00000162155	LINC02012 lincRNA	chr3	1.98E+08	1.98E+08	-	0.14	0

ENSG0000(RP11-305K antisense)	chr3	1.57E+08	1.57E+08	-	0.44	0.32
ENSG0000(AF129408. antisense)	chr21	39184469	39184899	+	0	0
ENSG0000(RP11-196G lincRNA)	chr1	1.5E+08	1.5E+08	+	2	1.43
ENSG0000(RP11-332H lincRNA)	chr2	1.05E+08	1.05E+08	-	0.51	0.41
ENSG0000(RP11-362J. antisense)	chr4	20766808	20767372	+	0.13	0
ENSG0000(KB-1572G7 processed_)	chr22	23652860	23717347	-	0.47	1.81
ENSG0000(RP11-118K lincRNA)	chr10	3065424	3066001	-	0.61	0.81
ENSG0000(RP11-336K antisense)	chr1	1.56E+08	1.56E+08	+	0.15	0.14
ENSG0000(ARL2-SNX1 protein_co)	chr11	65014182	65040570	+	0	0
ENSG0000(GS1-279B7 lincRNA)	chr1	1.85E+08	1.85E+08	+	0.69	0
ENSG0000(RP11-314C lincRNA)	chr2	38193348	38193629	+	0.41	0
ENSG0000(RP11-170N antisense)	chr4	1.23E+08	1.23E+08	-	0.07	0.04
ENSG0000(RP11-351D lincRNA)	chr10	43136824	43138334	-	0.49	0.29
ENSG0000(RP11-352G lincRNA)	chr3	1.96E+08	1.96E+08	-	0.11	0.13
ENSG0000(RP11-96K1 antisense)	chr1	1.11E+08	1.11E+08	+	0.09	0.14
ENSG0000(RP11-728K lincRNA)	chr7	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-90B2 lincRNA)	chr10	33341655	33341905	+	0	0
ENSG0000(CTD-2002J. antisense)	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP11-225B lincRNA)	chr7	32758882	32759353	+	0.65	0
ENSG0000(RP11-352N lincRNA)	chr12	45718046	45727775	-	0.92	0.73
ENSG0000(AP000240. sense_intron)	chr21	29359002	29359453	+	0	0
ENSG0000(CTD-2303H processed_)	chr17	18511221	18551705	-	8.88	9.77
ENSG0000(INTS4P2 transcribed)	chr7	65647864	65715661	+	0	0
ENSG0000(RP11-106M protein_co)	chr15	72266746	72319946	-	0	0
ENSG0000(RP11-422P antisense)	chr1	1.54E+08	1.54E+08	+	1.4	0.88
ENSG0000(LL21NC02- sense_intron)	chr21	44929653	44930112	-	0.68	0.56
ENSG0000(RP11-285F lincRNA)	chr10	1E+08	1E+08	+	0	0
ENSG0000(DGCR9 lincRNA)	chr22	19017834	19020248	+	0	0.03
ENSG0000(LINC02035 lincRNA)	chr3	1.23E+08	1.23E+08	+	2.63	3
ENSG0000(RP11-449G sense_intron)	chr2	39323328	39323804	-	0.8	0
ENSG0000(FAM95C lincRNA)	chr9	38540567	38545372	-	0.86	0.44
ENSG0000(RP11-479G lincRNA)	chr10	32887255	32889311	-	6.08	6.3
ENSG0000(ATF4P2 processed_)	chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(RP4-569D1 lincRNA)	chr22	35526932	35527415	+	0	0
ENSG0000(C2orf15 protein_co)	chr2	99141485	99151487	+	0.07	0.21
ENSG0000(RP11-834C processed_)	chr12	54017110	54035361	+	0	0
ENSG0000(RP4-583P1 protein_co)	chr20	63738270	63740398	+	0	3.32
ENSG0000(RP11-834C protein_co)	chr12	53985845	54034888	+	0	0.09
ENSG0000(OR51F4P unprocessed)	chr11	4752046	4752944	-	0	0
ENSG0000(CTB-13F3.1 antisense)	chr7	1.08E+08	1.08E+08	+	0.22	0.24
ENSG0000(RP11-77E1 lincRNA)	chr9	7786105	7786688	-	0	0.13
ENSG0000(RP11-385F antisense)	chr1	2.37E+08	2.37E+08	-	1.47	0.44
ENSG0000(XXyac-YX1! lincRNA)	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(CDC37L1-A lincRNA)	chr9	4676600	4679502	-	0.62	1.55
ENSG0000(RP11-428K antisense)	chr1	1.79E+08	1.79E+08	-	0.37	0.62

ENSG0000(RP11-334G antisense)	chr2	58241349	58241686	+	0	0
ENSG0000(RP11-474G antisense)	chr2	68252870	68253848	+	0.19	0.34
ENSG0000(RP11-216L processed)	chr9	1.37E+08	1.37E+08	+	0.18	0.37
ENSG0000(CTA-714B7 lincRNA)	chr22	35122661	35127419	+	0	0
ENSG0000(RP5-1186P lincRNA)	chr7	74606913	74607299	+	0	0
ENSG0000(RP11-337C processed)	chr1	1.47E+08	1.47E+08	+	1.49	1.53
ENSG0000(RP11-109E lincRNA)	chr2	1.31E+08	1.31E+08	-	0	0.27
ENSG0000(RP3-508I15 antisense)	chr22	38743495	38743910	+	0	0
ENSG0000(RP11-130C lincRNA)	chr4	1.29E+08	1.29E+08	-	0	0
ENSG0000(GRIN2B protein_co)	chr12	13437942	13981957	-	0	0
ENSG0000(RP11-301C antisense)	chr2	86195590	86196049	+	0.85	1.31
ENSG0000(LL22NC03- antisense)	chr22	33922422	33922766	+	0	0
ENSG0000(RP11-1275 lincRNA)	chr7	5428731	5429672	+	1.7	1.44
ENSG0000(OR52E1 polymorph)	chr11	5069572	5070497	+	0	0
ENSG0000(RP11-201K protein_co)	chr1	1.55E+08	1.55E+08	-	0	0
ENSG0000(RP11-781I4 antisense)	chr2	36513255	36513732	-	0	0
ENSG0000(AP000255. lincRNA)	chr21	31735732	31736407	+	0.2	0
ENSG0000(RP11-532L lincRNA)	chr1	2E+08	2E+08	-	0	0
ENSG0000(RP3-508I15 sense_intr)	chr22	38736610	38736792	-	0	0
ENSG0000(RP11-488L lincRNA)	chr17	13095908	13100928	+	0	0
ENSG0000(RP11-302L lincRNA)	chr6	1.7E+08	1.7E+08	+	0	0
ENSG0000(AP000569. lincRNA)	chr21	33967101	33968573	-	0	0.13
ENSG0000(CMP21-97 lincRNA)	chr21	34412200	34412587	+	0	0
ENSG0000(RP11-559M antisense)	chr2	44167625	44168859	-	0	0
ENSG0000(RP11-165A lincRNA)	chr10	24953241	24953513	+	0	0.48
ENSG0000(RP11-416N antisense)	chr10	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-350G antisense)	chr1	1.54E+08	1.54E+08	+	0	0
ENSG0000(LYPD4 protein_co)	chr19	41837074	41844697	-	0	0
ENSG0000(RP11-25K2 processed)	chr1	1.62E+08	1.62E+08	+	0	0
ENSG0000(RP11-367H lincRNA)	chr2	2.42E+08	2.42E+08	+	0.08	0.09
ENSG0000(KB-1466C5 lincRNA)	chr21	26459903	26460214	-	0	0
ENSG0000(AC144652. lincRNA)	chr7	1.55E+08	1.55E+08	-	1.89	1.31
ENSG0000(AC079610. sense_ove)	chr2	2.13E+08	2.13E+08	-	0	0
ENSG0000(RP11-128P lincRNA)	chr18	11390033	11390729	-	0	0
ENSG0000(RP11-9N2C antisense)	chr3	1.24E+08	1.24E+08	+	0	0.14
ENSG0000(RP11-236B lincRNA)	chr10	90997480	90997713	-	0	0
ENSG0000(LINC01990 lincRNA)	chr3	1.07E+08	1.07E+08	+	0	0
ENSG0000(PACERR lincRNA)	chr1	1.87E+08	1.87E+08	+	1.08	0.42
ENSG0000(RP11-350J antisense)	chr6	1.5E+08	1.5E+08	+	0	0
ENSG0000(RP11-799M antisense)	chr4	15563698	15564253	-	0.26	0
ENSG0000(NBPF26 protein_co)	chr1	1.21E+08	1.21E+08	+	14.61	14.36
ENSG0000(RP3-402G1 antisense)	chr22	50208461	50209542	-	0.11	0.23
ENSG0000(GS1-293C5 antisense)	chr7	95416108	95416462	+	0	0
ENSG0000(XXbac-B44. lincRNA)	chr22	20320739	20321203	+	0	0.37
ENSG0000(RP11-820I1 antisense)	chr18	11908712	11909223	+	0	0.16

ENSG00000100000	RP11-458F	lincRNA	chr7	66902857	66906297	+	1.36	1.24
ENSG00000100000	RP11-525A	lincRNA	chr10	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	CITF22-92A	lincRNA	chr22	46013606	46015498	+	0.85	0.8
ENSG00000100000	RP5-1068E	lincRNA	chr20	18794529	18796067	+	1.45	0.53
ENSG00000100000	RP11-290D	antisense	chr13	45340039	45341183	+	13.01	8.27
ENSG00000100000	RP11-449P	antisense	chr7	879790	886547	-	0.04	0.01
ENSG00000100000	RP11-406H	lincRNA	chr10	17137336	17137585	-	0	0
ENSG00000100000	RP4-583P1	protein_coding	chr20	63708864	63739103	+	0.9	1.42
ENSG00000100000	RP11-38C1	protein_coding	chr2	99154998	99195298	+	0.54	0
ENSG00000100000	RP11-127B	lincRNA	chr4	82344876	82345540	-	0	0
ENSG00000100000	RP11-104L	lincRNA	chr1	1.67E+08	1.67E+08	-	0	0
ENSG00000100000	RP11-108L	lincRNA	chr10	1.01E+08	1.01E+08	-	0.13	0.28
ENSG00000100000	DGCR10	sense_intronic	chr22	19023056	19023550	+	0	0
ENSG00000100000	RP11-1057	lincRNA	chr2	31852976	31853423	-	0	0
ENSG00000100000	RP11-307N	protein_coding	chr13	23979700	24321031	+	0.52	0.08
ENSG00000100000	CTB-96E2.2	protein_coding	chr17	28364288	28368012	-	0	0
ENSG00000100000	LINC02091	lincRNA	chr17	183824	191587	-	0	0
ENSG00000100000	SNURF	protein_coding	chr15	24954986	24977850	+	4.46	8.71
ENSG00000100000	RP11-434H	antisense	chr3	1.29E+08	1.29E+08	+	0.38	0.83
ENSG00000100000	RP11-11N7	lincRNA	chr1	2.45E+08	2.45E+08	+	0.27	0.45
ENSG00000100000	RP3-510H1	antisense	chr22	35298838	35299541	-	0	0
ENSG00000100000	RP11-368I2	lincRNA	chr3	1.69E+08	1.69E+08	+	0	0
ENSG00000100000	RP11-20I2	antisense	chr4	1167778	1168174	+	0	0.24
ENSG00000100000	RP11-335L	lincRNA	chr4	1.83E+08	1.83E+08	-	0	0
ENSG00000100000	RP11-778D	lincRNA	chr3	1.84E+08	1.84E+08	-	0	0
ENSG00000100000	RP11-5C23	antisense	chr7	1.55E+08	1.55E+08	+	0.49	0.33
ENSG00000100000	RP11-212P	processed_transcript	chr7	1.28E+08	1.28E+08	+	2.49	1.52
ENSG00000100000	RP11-339B	sense_intronic	chr9	1.28E+08	1.28E+08	+	2.86	8.31
ENSG00000100000	RP3-402G1	antisense	chr22	50191724	50192402	-	0.1	0.11
ENSG00000100000	CTD-3148I	processed_transcript	chr19	49474586	49487637	+	0	0.08
ENSG00000100000	CITF22-1A6	lincRNA	chr22	49902228	49904576	+	0.07	0.08
ENSG00000100000	RP11-717A	antisense	chr2	85387074	85387146	-	0	0
ENSG00000100000	GS1-304P7	lincRNA	chr1	1.87E+08	1.87E+08	+	0	0
ENSG00000100000	AP000692	antisense	chr21	36319792	36320670	-	0.5	0.23
ENSG00000100000	AC006946	lincRNA	chr22	17067821	17070675	+	0	0
ENSG00000100000	RP4-549L2	antisense	chr1	1.01E+08	1.01E+08	+	0.19	0.62
ENSG00000100000	RP11-107N	lincRNA	chr2	2.02E+08	2.02E+08	-	0.34	0.56
ENSG00000100000	AP001437	antisense	chr21	37365477	37365932	-	0.52	0.38
ENSG00000100000	RP13-131K	lincRNA	chr3	48985485	48985963	-	0.16	1.06
ENSG00000100000	AC000068	antisense	chr22	19456503	19456962	+	0.17	0
ENSG00000100000	RP5-998N2	processed_transcript	chr1	1.44E+08	1.44E+08	-	2.71	1.76
ENSG00000100000	RP5-1039K	lincRNA	chr22	38043230	38043920	+	0	0
ENSG00000100000	AC002059	sense_intronic	chr22	29316744	29317220	-	0.16	0
ENSG00000100000	CTC-432M	protein_coding	chr5	1.31E+08	1.32E+08	-	0	0
ENSG00000100000	LLNLR-246	lincRNA	chr19	15346068	15348417	-	0	0

ENSG00000100000	RP11-644N	antisense	chr7	1.36E+08	1.36E+08	+	0	1.52
ENSG00000100000	RP5-1180E	antisense	chr1	1.11E+08	1.11E+08	-	0	0
ENSG00000100000	FAM25BP	transcribed	chr10	46369113	46373563	+	0.33	0
ENSG00000100000	RP11-513M	antisense	chr9	19375451	19375996	+	0.26	1.16
ENSG00000100000	OR5BQ1P	unprocessed	chr11	57029408	57029722	+	0	0
ENSG00000100000	RP11-1246	lincRNA	chr7	1464497	1467522	-	0.82	1.3
ENSG00000100000	RP11-370A	sense_intronic	chr18	22882825	22883357	-	0	0
ENSG00000100000	RP11-713D	lincRNA	chr2	28810281	28810706	-	0	0
ENSG00000100000	OR2A13P	unprocessed	chr7	1.44E+08	1.44E+08	+	0	0
ENSG00000100000	CTB-119C2	antisense	chr7	26173533	26174945	-	0.04	0.04
ENSG00000100000	RP11-1263	lincRNA	chr4	573880	574412	-	0	0
ENSG00000100000	RP11-455J	antisense	chr2	1.9E+08	1.9E+08	-	0	0.13
ENSG00000100000	CTA-217C2	lincRNA	chr22	45155539	45156011	-	0	0.54
ENSG00000100000	KB-7G2.8	processed	chr22	16676016	16694648	-	0	0
ENSG00000100000	RP11-434P	lincRNA	chr2	73750256	73750786	-	0.14	0
ENSG00000100000	RP11-83A2	antisense	chr4	1.39E+08	1.39E+08	-	0.63	0.65
ENSG00000100000	RP11-399K	lincRNA	chr10	75408973	75409326	-	0.26	1.15
ENSG00000100000	LL09NC01-	antisense	chr9	1.34E+08	1.34E+08	-	0.23	0.09
ENSG00000100000	OR7E39P	unprocessed	chr7	6835420	6835794	-	0	0
ENSG00000100000	RP3-402G1	antisense	chr22	50199090	50200837	-	1.1	1.27
ENSG00000100000	RP1-100J1	antisense	chr21	29024255	29024890	-	0	0.12
ENSG00000100000	OR5BP1P	unprocessed	chr11	57055587	57056132	+	0	0
ENSG00000100000	RP11-177J	lincRNA	chr4	55387949	55388271	+	0	0
ENSG00000100000	RP11-394I	lincRNA	chr2	1.74E+08	1.74E+08	-	0	0
ENSG00000100000	RP11-986E	protein_coding	chr14	94592058	94624646	+	0.42	0.15
ENSG00000100000	RP11-531F	antisense	chr3	1.83E+08	1.83E+08	-	0	0
ENSG00000100000	RP11-181I	antisense	chr10	1.02E+08	1.02E+08	+	0.28	0
ENSG00000100000	RP11-131L	lincRNA	chr1	85467295	85467660	+	0	0
ENSG00000100000	RP11-353K	lincRNA	chr2	96812239	96813657	-	0.4	0.22
ENSG00000100000	RP11-338K	antisense	chr4	8022665	8023126	+	0	0
ENSG00000100000	C2orf61	protein_coding	chr2	47065941	47176511	-	0	0
ENSG00000100000	RP11-212P	lincRNA	chr7	1.29E+08	1.29E+08	-	2.04	1.98
ENSG00000100000	AP000254.	antisense	chr21	31666728	31667247	-	0.28	0.16
ENSG00000100000	CTA-384D8	lincRNA	chr22	50542650	50543011	+	0	0
ENSG00000100000	ZBTB8B	protein_coding	chr1	32465069	32496686	+	0.09	0.08
ENSG00000100000	RP11-474G	antisense	chr2	68179833	68180532	+	0.09	0.21
ENSG00000100000	RP11-888D	sense_intronic	chr18	9259388	9260390	+	0.55	0.2
ENSG00000100000	CTA-268H5	lincRNA	chr22	45262273	45263585	-	0.13	0
ENSG00000100000	RP6-109B7	antisense	chr22	46053093	46053560	+	0	0.36
ENSG00000100000	RP11-136C	protein_coding	chr3	42809446	43055871	+	0.13	0
ENSG00000100000	RP11-445N	lincRNA	chr7	1.5E+08	1.5E+08	-	0	0
ENSG00000100000	C1QTNF3-7	protein_coding	chr5	33987174	34124528	-	0	0
ENSG00000100000	AP000350.	lincRNA	chr22	23901432	23907068	-	0.34	0.31
ENSG00000100000	RP11-38M	lincRNA	chr7	1.34E+08	1.34E+08	-	2.65	3.93
ENSG00000100000	CTB-13L3.1	processed	chr7	90403434	90513391	+	0	0

ENSG0000(AC000068. antisense	chr22	19454179	19454605	+	0.19	0
ENSG0000(RP11-314B lincRNA	chr2	2.26E+08	2.26E+08	+	0	0
ENSG0000(RP11-493E sense_intr	chr2	61199979	61200769	+	0	0.09
ENSG0000(RP11-440D lincRNA	chr2	95537969	95538469	+	0.3	0.82
ENSG0000(RP11-527J antisense	chr2	99405218	99405843	+	0.22	0.72
ENSG0000(RP11-496H lincRNA	chr3	1.98E+08	1.98E+08	+	0	0.29
ENSG0000(DGCR11 sense_intr	chr22	19046162	19048375	-	1.42	1.02
ENSG0000(RP11-425A antisense	chr10	35604485	35608153	-	0.2	0.39
ENSG0000(RBAKDN lincRNA	chr7	5072125	5073223	+	0	0.32
ENSG0000(RP5-1136G antisense	chr7	1.49E+08	1.49E+08	-	1.06	0.75
ENSG0000(RP11-138A lincRNA	chr7	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-22N1 antisense	chr7	1.06E+08	1.06E+08	+	0.07	0.33
ENSG0000(RP11-621L lincRNA	chr18	24402153	24402714	+	0.13	0.14
ENSG0000(RP1-90G24 lincRNA	chr22	32284683	32285131	+	0	0
ENSG0000(OR6L2P unprocess	chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-141N processed_	chr3	42809414	42908105	+	0.01	0.03
ENSG0000(RP11-448A lincRNA	chr7	1.3E+08	1.3E+08	-	0.48	0.36
ENSG0000(CYP4F36P unprocess	chr19	15871667	15871852	-	0	0
ENSG0000(TM4SF19-T protein_co	chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(XXbac-BPG 3prime_ov	chr6	32184733	32185882	-	0	0
ENSG0000(RP11-61L1 lincRNA	chr18	9473421	9474006	-	0.12	0
ENSG0000(OR7M1P unprocess	chr10	1.33E+08	1.33E+08	+	0.82	0
ENSG0000(RP11-386I antisense	chr1	78004346	78004554	-	0	0
ENSG0000(MICE transcribec	chr6	29741731	29748969	-	0.71	0.53
ENSG0000(RP5-899E9 lincRNA	chr7	77416673	77425443	+	0	0
ENSG0000(KB-1440D3 lincRNA	chr22	21640844	21641284	+	0	0
ENSG0000(XXbac-B44. sense_intr	chr22	20318119	20318749	-	0.22	0.84
ENSG0000(PAXIP1-AS lincRNA	chr7	1.55E+08	1.55E+08	+	1.3	1.68
ENSG0000(CTD-2410N processed_	chr5	1.34E+08	1.34E+08	-	0.23	0.07
ENSG0000(RP11-535A lincRNA	chr18	22347846	22348252	-	0.21	0
ENSG0000(RP4-539M sense_intr	chr22	30420512	30420912	+	0.21	0
ENSG0000(CTA-268H5 sense_intr	chr22	45178990	45179310	+	0	0
ENSG0000(RP11-672L lincRNA	chr18	813274	813756	+	0.47	0.17
ENSG0000(LINC02019 lincRNA	chr3	50669989	50672048	+	1.45	1.17
ENSG0000(RP11-210G antisense	chr10	66079243	66118326	+	0	0
ENSG0000(RP11-378A antisense	chr2	2.18E+08	2.18E+08	-	0	0.53
ENSG0000(KB-67B5.1 lincRNA	chr22	16521059	16527237	+	0	0
ENSG0000(RP11-285G sense_intr	chr10	44958917	44959458	-	0.4	0.88
ENSG0000(RP11-466F lincRNA	chr1	1.66E+08	1.66E+08	-	0	0
ENSG0000(CTA-989H1 lincRNA	chr22	42278188	42278846	+	0.1	0.23
ENSG0000(RP5-827C2 antisense	chr1	2.34E+08	2.34E+08	+	0	0
ENSG0000(RP11-376P sense_intr	chr18	8154558	8155070	+	0	0
ENSG0000(RP11-700J antisense	chr4	44693946	44694386	-	0.36	0
ENSG0000(RP11-268E lincRNA	chr3	1.91E+08	1.91E+08	+	0	0
ENSG0000(SFTPD-AS1 antisense	chr10	79968213	79973213	+	0.08	0.11

ENSG000001074L	antisense	chr1	1.1E+08	1.1E+08	+	0.38	0.5
ENSG000001383I	lincRNA	chr3	99802699	99806058	-	0.03	0.02
ENSG000001803P	lincRNA	chr3	1.98E+08	1.98E+08	+	0	0
ENSG000001020Q	unprocessed	chr7	1.44E+08	1.44E+08	+	0	0
ENSG000001305L	lincRNA	chr9	91206175	91210299	-	0.08	0.06
ENSG000001065J	antisense	chr1	1.09E+08	1.09E+08	-	0.61	0.55
ENSG000001098D	lincRNA	chr1	1.79E+08	1.79E+08	+	0.24	0.27
ENSG000001412A	antisense	chr22	31082156	31083565	-	0.08	0
ENSG000001401C	antisense	chr17	10291820	10317926	+	1.41	0.31
ENSG000001351E	antisense	chr4	86000327	86000766	-	0	0
ENSG000001634H	antisense	chr7	1.39E+08	1.39E+08	-	0.27	0.6
ENSG000001255E	antisense	chr3	1.14E+08	1.14E+08	-	0	0
ENSG0000010396	lincRNA	chr4	4844437	4850827	+	0	0
ENSG000001474G	protein_coding	chr2	68131238	68261230	-	0.63	0
ENSG000001408A	lincRNA	chr9	14586766	14587326	-	0	0.14
ENSG000001855D	antisense	chr8	237045	237669	+	0.22	0
ENSG000001329B	lincRNA	chr3	1.85E+08	1.85E+08	+	0	0.61
ENSG000001114C	lincRNA	chr1	1.2E+08	1.2E+08	+	0.32	0
ENSG000001757A	antisense	chr7	99766543	99766892	+	0	0
ENSG000001058B	unprocessed	chr11	58387583	58388486	-	0	0
ENSG000001480C	lincRNA	chr11	1.27E+08	1.27E+08	+	0	0
ENSG000001962C	antisense	chr10	86970237	86970826	-	0	0
ENSG000001702B	lincRNA	chr11	1.28E+08	1.28E+08	+	0	0.14
ENSG000001459N	lincRNA	chr1	2.35E+08	2.35E+08	-	0	0.41
ENSG000001451H	antisense	chr7	1.5E+08	1.5E+08	-	0.07	0
ENSG0000012540	3prime_uts	chr19	33207129	33207639	+	5	6.77
ENSG000001031P	unprocessed	chr9	1.05E+08	1.05E+08	+	0	0
ENSG000001223H	lincRNA	chr22	41430934	41431375	+	0.18	0
ENSG000001453M	lincRNA	chr22	30435544	30436247	+	0	0
ENSG0000011165	processed_transcript	chr7	43951910	44019151	-	0.39	0.63
ENSG0000011700	processed_transcript	chr7	27128969	27152561	-	0	0
ENSG0000010852	unprocessed	chr12	48417150	48417337	-	0	0
ENSG000001434H	lincRNA	chr3	1.29E+08	1.29E+08	-	0.29	0.32
ENSG0000010069	lincRNA	chr22	17080701	17081456	+	0.09	0
ENSG0000011540	lincRNA	chr1	1062208	1063288	-	0	0
ENSG0000011147	unprocessed	chr7	40107288	40107454	+	0	0
ENSG0000011399	antisense	chr2	87477495	87478034	-	0.27	0.3
ENSG0000010040	antisense	chr4	1.1E+08	1.1E+08	+	0.09	0
ENSG000001166C	lincRNA	chr7	67333047	67334383	+	1.22	1.65
ENSG0000011218	lincRNA	chr4	1.64E+08	1.64E+08	+	0.27	0.29
ENSG000001176P	antisense	chr10	94314907	94315327	-	0	0
ENSG000001456M	sense_intronic	chr20	47348137	47349142	-	0.06	0.07
ENSG000001179D	lincRNA	chr3	1.23E+08	1.23E+08	+	0.26	0.29
ENSG0000011305	antisense	chr3	1.36E+08	1.36E+08	-	0.18	0
ENSG0000011686	lincRNA	chr2	2.02E+08	2.02E+08	-	0.8	0.22

ENSG00000100000	RP11-398A	lincRNA	chr3	72061061	72069933	+	0	0
ENSG00000100000	RP11-313P	antisense	chr21	29657406	29657831	+	0.38	0.21
ENSG00000100000	RP11-548H	antisense	chr2	2.19E+08	2.19E+08	-	0.77	0.28
ENSG00000100000	RP13-1039	processed	chr2	1.1E+08	1.1E+08	-	0.29	0.95
ENSG00000100000	RP11-102N	lincRNA	chr4	1.41E+08	1.41E+08	+	0.25	0.32
ENSG00000100000	LL09NC01-	lincRNA	chr9	1.34E+08	1.34E+08	+	0.12	0
ENSG00000100000	RP11-295P	antisense	chr10	13675646	13675990	+	0	0
ENSG00000100000	RP11-108L	lincRNA	chr10	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	RP11-465N	antisense	chr1	2.02E+08	2.02E+08	-	0	0
ENSG00000100000	RP11-126K	lincRNA	chr1	1.51E+08	1.51E+08	+	0	0
ENSG00000100000	RP4-671G1	antisense	chr1	1.13E+08	1.13E+08	-	0	0
ENSG00000100000	OR6R2P	unprocessed	chr8	21797460	21797759	+	0	0
ENSG00000100000	RP11-225H	antisense	chr10	1.03E+08	1.03E+08	+	0.1	0
ENSG00000100000	RP11-731C	antisense	chr3	1.37E+08	1.37E+08	-	0.07	0.07
ENSG00000100000	RP4-621B1	lincRNA	chr1	92189237	92190707	+	0.05	0.05
ENSG00000100000	RP11-180C	antisense	chr7	1.31E+08	1.31E+08	-	0	0
ENSG00000100000	AP000230.	lincRNA	chr21	26170871	26217381	+	0.06	0.06
ENSG00000100000	RP11-80H1	lincRNA	chr3	58329965	58330118	+	0	0
ENSG00000100000	AC011841.	protein_coding	chr10	99351	104855	-	0.01	0
ENSG00000100000	RP11-402D	unprocessed	chr10	91896704	91896897	+	0	0
ENSG00000100000	SNORA40	snoRNA	chr12	1.09E+08	1.09E+08	-	0	0
ENSG00000100000	MIR6129	miRNA	chr17	49288346	49288454	-	0	0
ENSG00000100000	RP11-50D1	lincRNA	chr13	39053072	39221927	+	0	0.35
ENSG00000100000	CNTNAP3P	unprocessed	chr9	62924911	62934964	+	0	0
ENSG00000100000	RP11-160C	unprocessed	chr15	78749833	78750107	-	0	0
ENSG00000100000	TBC1D3K	protein_coding	chr17	37924415	37935365	+	0	0
ENSG00000100000	FOXD4L6	protein_coding	chr9	41126430	41128463	-	0	0
ENSG00000100000	DAOA-AS1	misc_RNA	chr2	1.04E+08	1.04E+08	-	0	0
ENSG00000100000	U1	snRNA	chr1	1.21E+08	1.21E+08	-	0	0
ENSG00000100000	SPDYE8P	transcribed	chr7	73020338	73029766	-	0	0
ENSG00000100000	RP11-45A1	antisense	chr10	1.32E+08	1.32E+08	+	0	0
ENSG00000100000	RP11-248G	antisense	chr13	52128891	52132723	+	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr18	24179038	24179295	-	0	0
ENSG00000100000	H19_1	misc_RNA	chr12	51722	51792	+	0	0
ENSG00000100000	RP11-74M:	processed	chr12	56840973	56841273	-	0	0
ENSG00000100000	ZEB2_AS1	misc_RNA	chr2	1.45E+08	1.45E+08	+	0	0
ENSG00000100000	AGBL1	protein_coding	chr15	86079973	87029052	+	0	0
ENSG00000100000	DLEU1_2	misc_RNA	chr13	50104833	50105174	+	0	0.88
ENSG00000100000	HIST1H4K	protein_coding	chr6	27831216	27831527	-	0	3.28
ENSG00000100000	SNORA44	snoRNA	chr1	28580381	28580512	-	0	0
ENSG00000100000	OR4F16	protein_coding	chr1	685716	686654	-	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr5	1.8E+08	1.8E+08	+	0.48	0
ENSG00000100000	RP11-527N	lincRNA	chr13	63034992	63097797	+	0	0
ENSG00000100000	RP11-616M	lincRNA	chr16	1148224	1148754	-	0	0
ENSG00000100000	RP11-87C7	lincRNA	chr13	27667540	27680566	-	0	0

ENSG0000(CTD-2049C sense_intron)	chr16	27687182	27687522	+	0	0
ENSG0000(AC136616.protein_coding)	KI270728.1	1139577	1147868	-	0	0
ENSG0000(MIR6812 miRNA)	chr20	45425510	45425573	+	0	0
ENSG0000(CTD-2024I sense_intron)	chr5	1.41E+08	1.41E+08	+	0.29	0
ENSG0000(RP11-244H lincRNA)	chr14	19637225	19641306	+	0	0
ENSG0000(CWC25 protein_coding)	chr17	38800434	38825481	-	9.18	7.18
ENSG0000(CTD-3075F lincRNA)	chr14	75176929	75177418	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr10	21455236	21455515	-	0	0
ENSG0000(REXO1L3P processed_transcript)	chr8	85654684	85658514	-	0	0
ENSG0000(RP11-417L sense_intron)	chr12	1.32E+08	1.32E+08	+	1.17	1.29
ENSG0000(CTC-320C6 processed_transcript)	chr5	1.64E+08	1.64E+08	-	0	0
ENSG0000(RMST_5 misc_RNA)	chr12	97495932	97496057	+	0	0
ENSG0000(ST7-OT4_2 misc_RNA)	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr1	1.82E+08	1.82E+08	+	0	0
ENSG0000(RP11-390P lincRNA)	chr17	39566915	39567559	+	3.27	3.71
ENSG0000(RP11-609L unprocessed_transcript)	chr7	35933888	35934569	+	0	0
ENSG0000(RP11-426C lincRNA)	chr16	29225594	29226348	-	0	0
ENSG0000(RP11-861L sense_intron)	chr18	68908048	68908599	+	0	0
ENSG0000(RP11-14C1 lincRNA)	chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(OR10G1P unprocessed_transcript)	chr14	21601899	21602825	-	0	0
ENSG0000(SNORA78 snoRNA)	chr16	1965184	1965310	+	0	0
ENSG0000(RP11-433A unprocessed_transcript)	chr2	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-427G unprocessed_transcript)	chrY	22646031	22646327	-	0	0
ENSG0000(SMIM11B protein_coding)	chr21	7744962	7777853	+	6.64	9.88
ENSG0000(7SK misc_RNA)	chr1	1.49E+08	1.49E+08	+	0	0
ENSG0000(MIR7160 miRNA)	chr8	2076589	2076640	+	0	0
ENSG0000(RP11-707E processed_transcript)	chr2	1.06E+08	1.06E+08	+	0	0
ENSG0000(ST7-OT4_1 misc_RNA)	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-392A processed_transcript)	chr9	35001342	35002994	-	0	0
ENSG0000(PMS2P6 unprocessed_transcript)	chr7	75316048	75327765	-	0	0
ENSG0000(RP11-59C5 antisense)	chr10	1.25E+08	1.25E+08	+	0.05	0.05
ENSG0000(CTD-2564P processed_transcript)	chr11	95756959	95757442	-	0	0
ENSG0000(EPOP protein_coding)	chr17	38671703	38675421	-	0.99	1.03
ENSG0000(MIR6776 miRNA)	chr17	2692861	2692919	-	0	0
ENSG0000(RP11-271K unprocessed_transcript)	chr17	30617680	30617790	-	0	0
ENSG0000(RN7SL386F misc_RNA)	chr1	21987481	21987777	+	0	0
ENSG0000(ZNHIT3 protein_coding)	chr17	36486629	36499310	+	21.87	22.68
ENSG0000(DLEU2_4 misc_RNA)	chr13	50068107	50068164	+	0	0
ENSG0000(MIR6511A miRNA)	chr16	18344013	18344079	-	0	0
ENSG0000(SNORA11 snoRNA)	chr21	7826098	7826225	-	0	0
ENSG0000(RP11-66N2 antisense)	chr14	23530682	23532367	+	0.07	0
ENSG0000(RP5-908M antisense)	chr20	62386303	62386970	-	1.61	0.66
ENSG0000(uc_338 misc_RNA)	chr4	1.45E+08	1.45E+08	-	0	0
ENSG0000(TP53TG1_1 misc_RNA)	chr7	87345082	87345233	+	0	0
ENSG0000(MIR4726 miRNA)	chr17	38719691	38719748	+	0	0

ENSG00000100000	RP11-756A unprocessed	chr13	24933006	24936796	+	0	0	
ENSG00000100000	U7	snRNA	chr1	1.76E+08	1.76E+08	+	0	0
ENSG00000100000	RP11-219H processed	chr2	97008368	97009104	-	0	0	
ENSG00000100000	RP5-864K1 processed	chr1	38839333	38874494	-	0	0	
ENSG00000100000	RP11-597A processed	chr14	19499737	19677926	+	0	0	
ENSG00000100000	WBP1LP8 processed	chr6	1.71E+08	1.71E+08	-	0	0	
ENSG00000100000	PPP1R26P2 processed	chr22	18650023	18653617	-	0	0	
ENSG00000100000	ABC7-4817 processed	chr7	37032	37477	+	0	0	
ENSG00000100000	MIR8065	miRNA	chr16	5632467	5632566	+	0	0
ENSG00000100000	CTD-3193K lincRNA	chr17	42751289	42751717	-	0.19	0	
ENSG00000100000	CTB-52I2.4 transcribed	chr19	18022403	18032099	+	0	0	
ENSG00000100000	MIR6792	miRNA	chr19	7617439	7617505	+	0	0
ENSG00000100000	uc_338	misc_RNA	chr12	53464720	53464901	+	0	0
ENSG00000100000	RP11-58C2 lincRNA	chr16	76582556	76583098	+	0.09	0.44	
ENSG00000100000	RP11-2N1.1 lincRNA	chr18	59700523	59700946	+	0	0.21	
ENSG00000100000	RP11-15E1 transcribed	chr9	66017643	66017868	-	0.68	0	
ENSG00000100000	RP11-405M lincRNA	chr18	75073543	75074205	+	0	0	
ENSG00000100000	CTD-2378E lincRNA	chr15	50839875	50908599	-	0.06	0.33	
ENSG00000100000	RP11-406H processed	chr14	50471769	50472592	+	0	0	
ENSG00000100000	RP11-144A transcribed	chr9	60929927	60930407	+	0	0	
ENSG00000100000	WT1-AS_2	misc_RNA	chr11	32436311	32436447	+	0	0
ENSG00000100000	RP11-566K processed	chr15	22371736	22373570	+	0	0	
ENSG00000100000	RP11-996F antisense	chr12	29332733	29333383	-	0.73	0.92	
ENSG00000100000	RP11-427P processed	chr3	46918807	46918935	-	0	0	
ENSG00000100000	RP5-837J1. antisense	chr17	35018660	35018991	+	0	0	
ENSG00000100000	RP11-617F sense_intronic	chr15	90024955	90026003	+	0	0.06	
ENSG00000100000	AL050303.1 processed	chr21	13704853	13705518	+	0	0	
ENSG00000100000	C2orf27AP processed	chrY	11085476	11086061	-	0	0	
ENSG00000100000	U2	snRNA	chr1	1.21E+08	1.21E+08	+	0	0
ENSG00000100000	CT45A7	protein_coding	chrX	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	MRPL57P1 processed	chr1	1.14E+08	1.14E+08	-	0	0	
ENSG00000100000	MIR6760	miRNA	chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	PART1_1	misc_RNA	chr5	60487713	60487929	+	0	0
ENSG00000100000	RP11-758H lincRNA	chr17	59618553	59619714	-	0.72	0.39	
ENSG00000100000	HIST1H2BN	protein_coding	chr6	27815044	27815424	+	0	0
ENSG00000100000	RP11-573C unprocessed	chrX	34768327	34768688	-	0	0	
ENSG00000100000	LHX1	protein_coding	chr17	36936785	36944612	+	0.02	0
ENSG00000100000	U2	snRNA	chr17	43241180	43241370	-	0.28	0
ENSG00000100000	Metazoa_S	misc_RNA	chr8	28915579	28915864	-	0	0
ENSG00000100000	RP5-1021I2 antisense	chr14	73885392	73885555	-	0	0	
ENSG00000100000	RP5-874C2 processed	chr6	28315613	28315883	-	0	0.49	
ENSG00000100000	RP11-586D processed	chr4	1.18E+08	1.18E+08	-	0	0	
ENSG00000100000	RN7SL343F	misc_RNA	chr9	42011350	42011610	+	0	0
ENSG00000100000	RP11-715G processed	chr6	1.47E+08	1.47E+08	-	0	0	
ENSG00000100000	RP11-613E processed	chr7	55743073	55743457	+	0	0	

ENSG00000100000	RP11-745A	unprocessed	chr15	60409234	60409420	-	0	0
ENSG00000100000	RP11-93H2	lincRNA	chr13	52651305	52652279	-	0.88	0.35
ENSG00000100000	RP11-347C	unprocessed	chr16	30336400	30343336	+	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr11	9279532	9279816	-	0	0
ENSG00000100000	U1	snRNA	chr1	1.2E+08	1.2E+08	+	0	0
ENSG00000100000	RP11-7F17	antisense	chr14	77028086	77031572	+	0.43	0.36
ENSG00000100000	RNA5-8S5	rRNA	GL000220.	155997	156149	+	13.92	37.54
ENSG00000100000	RP11-373F	processed	chrY	8931069	8931454	-	0	0
ENSG00000100000	VN1R74P	unprocessed	chr18	14680604	14681106	-	0	0
ENSG00000100000	CTC-510F1	antisense	chr19	11221083	11221573	+	0.15	0.34
ENSG00000100000	Llfos-48D6	protein_co	chr19	2269525	2341172	+	0	0
ENSG00000100000	CTB-186H2	transcribed	chr17	35963488	35965472	-	0	0
ENSG00000100000	pRNA	misc_RNA	KI270733.1	122136	122225	+	0	0
ENSG00000100000	MIR6075	miRNA	chr5	1510762	1510856	-	0	0
ENSG00000100000	U4	snRNA	chr6	1.06E+08	1.06E+08	+	0	0
ENSG00000100000	MIR6870	miRNA	chr20	10649636	10649695	-	0	0
ENSG00000100000	GHc-1077F	unprocessed	chrX	1.02E+08	1.02E+08	+	0	0
ENSG00000100000	RP11-90B9	antisense	chr15	83020115	83020802	+	0	0.21
ENSG00000100000	AL592183.	protein_co	GL000219.	54224	83311	-	11.47	8.59
ENSG00000100000	CYFIP1	protein_co	chr15	22867052	22981063	-	27.14	24.42
ENSG00000100000	HOXB13-A	misc_RNA	chr17	48723188	48723314	+	0	0
ENSG00000100000	RP11-566K	transcribed	chr15	23326256	23334127	-	0	0
ENSG00000100000	MIR6790	miRNA	chr19	6392921	6392983	-	0	0
ENSG00000100000	RP4-563E1	lincRNA	chr20	62928621	62929297	-	0.79	0.44
ENSG00000100000	CH17-360D	lincRNA	chr10	47970043	47973496	-	0.85	1.27
ENSG00000100000	VN1R76P	unprocessed	chr18	52419189	52419644	-	0	0
ENSG00000100000	RP11-420C	processed	chr2	65203571	65203813	-	0	0.63
ENSG00000100000	RP11-370I	lincRNA	chr12	48360920	48361377	+	0	0
ENSG00000100000	ZNRD1-AS1	misc_RNA	chr10	1.22E+08	1.22E+08	-	0	0
ENSG00000100000	U1	snRNA	chr1	1.46E+08	1.46E+08	+	1.72	1.68
ENSG00000100000	LCA10	processed	chrX	1.54E+08	1.54E+08	+	0	0
ENSG00000100000	RP11-236L	lincRNA	chr15	96080713	96084584	-	0.02	0
ENSG00000100000	RP5-865E1	unprocessed	chrX	1.55E+08	1.55E+08	+	0	0
ENSG00000100000	MIR6126	miRNA	chr16	3485381	3485469	-	0	0
ENSG00000100000	CEACAM2C	protein_co	chr19	44501677	44529788	-	0	0
ENSG00000100000	MIR6765	miRNA	chr14	1.05E+08	1.05E+08	-	0	0
ENSG00000100000	UCA1	misc_RNA	chr19	15834730	15834804	+	0	0
ENSG00000100000	CTD-2506P	antisense	chr14	81221218	81222460	+	0.05	0.12
ENSG00000100000	RP11-78J2	processed	chr13	52600042	52642542	+	3.79	5.29
ENSG00000100000	RP11-133K	sense_intr	chr15	40226386	40227069	+	0	0
ENSG00000100000	U3	snoRNA	chrX	72726122	72726337	-	0	0
ENSG00000100000	CTC-559E9	unprocessed	chr19	19908268	19909146	-	0	0
ENSG00000100000	RP11-554D	sense_intr	chr15	60847757	60849068	-	0.04	0.05
ENSG00000100000	LL21NC02-	lincRNA	chr21	45403809	45404369	-	0.89	2.24
ENSG00000100000	RP11-1046	sense_intr	chr14	69617122	69617648	+	0	0

ENSG00000101114.1 unprocessed	chrX	12583415	12583526	-	0	0
ENSG00000101114.1 unprocessed	chr6	26215159	26216692	-	0.11	0.12
ENSG00000101114.1 unprocessed	chr16	14953012	14953120	-	0	0
ENSG00000101114.1 unprocessed	chr12	57894232	57896846	+	0.4	0.39
ENSG00000101114.1 unprocessed	chr9	83201957	83202065	+	0	0
ENSG00000101114.1 unprocessed	chr20	62596732	62603115	-	0	0
ENSG00000101114.1 unprocessed	chr11	3335125	3335407	-	0	0
ENSG00000101114.1 unprocessed	chr17	9244666	9244897	-	0	0
ENSG00000101114.1 unprocessed	chr15	30091662	30091898	+	0	0
ENSG00000101114.1 unprocessed	chr11	67812557	67873367	-	0	0
ENSG00000101114.1 unprocessed	chrX	49879948	49882565	+	1.79	1.65
ENSG00000101114.1 unprocessed	chr20	63218041	63218502	+	0.17	0.74
ENSG00000101114.1 unprocessed	chr12	68426331	68427737	-	0.04	0
ENSG00000101114.1 unprocessed	chr1	1.45E+08	1.45E+08	-	0	0
ENSG00000101114.1 unprocessed	chr20	46364551	46390885	+	0	0
ENSG00000101114.1 unprocessed	chr16	50054143	50054430	+	0	0
ENSG00000101114.1 unprocessed	chr14	72516820	72516898	+	0	0
ENSG00000101114.1 unprocessed	chr15	25193321	25193402	+	0	0
ENSG00000101114.1 unprocessed	chr8	27433370	27433434	+	0	0
ENSG00000101114.1 unprocessed	chr19	51639478	51639931	-	0	0
ENSG00000101114.1 unprocessed	chr20	23458529	23459459	+	0	0
ENSG00000101114.1 unprocessed	chr21	10482738	10605716	+	0	0
ENSG00000101114.1 unprocessed	chr5	69364743	69370013	-	27.64	27.53
ENSG00000101114.1 unprocessed	chr1	137798	139135	+	0	0
ENSG00000101114.1 unprocessed	chr1	1.97E+08	1.97E+08	+	0	0
ENSG00000101114.1 unprocessed	chr22	21379382	21379701	-	0	0
ENSG00000101114.1 unprocessed	chr9	66724584	66725064	+	0	0
ENSG00000101114.1 unprocessed	chr15	69022230	69024176	+	0	0
ENSG00000101114.1 unprocessed	chr12	33432311	33432853	-	0	0
ENSG00000101114.1 unprocessed	chr15	40285468	40285909	-	0	0
ENSG00000101114.1 unprocessed	chrY	11042722	11042943	-	0	0
ENSG00000101114.1 unprocessed	chr5	67855735	67855986	+	0	0
ENSG00000101114.1 unprocessed	chrY	7905536	7907303	-	0	0
ENSG00000101114.1 unprocessed	chr22	37578669	37578922	+	0	0
ENSG00000101114.1 unprocessed	chr6	35070871	35071049	-	0	0
ENSG00000101114.1 unprocessed	chr21	10612455	10613379	-	0	0
ENSG00000101114.1 unprocessed	chr1	187891	187958	-	0	0
ENSG00000101114.1 unprocessed	chr8	5127919	5128233	-	0	0
ENSG00000101114.1 unprocessed	chrX	1.53E+08	1.53E+08	+	0	0
ENSG00000101114.1 unprocessed	chr4	1.01E+08	1.01E+08	-	0	0
ENSG00000101114.1 unprocessed	chr11	93721797	93721866	+	0	0
ENSG00000101114.1 unprocessed	chr13	34910545	34910815	-	0	0
ENSG00000101114.1 unprocessed	chr14	51649516	51651744	-	1.11	0.85
ENSG00000101114.1 unprocessed	chr12	56010091	56010574	-	0	0
ENSG00000101114.1 unprocessed	chr10	1.22E+08	1.22E+08	+	0	0.03

ENSG0000(RP1-101A2 sense_intron)	chr20	46681676	46682375	-	0.19	0.73
ENSG0000(SLC20A1P2 processed)	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(CH17-264B unprocessed)	chr7	73037371	73049246	+	0	0
ENSG0000(MIR6798 miRNA)	chr19	49009906	49009972	+	0	0
ENSG0000(NOL12 protein_coding)	chr22	37681673	37693478	+	9.04	7.8
ENSG0000(RP11-459C processed)	chr9	42921443	42921670	-	0	0
ENSG0000(CTD-2619J antisense)	chr19	58500505	58501137	+	0.22	0.24
ENSG0000(Hammerhead ribozyme)	chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-115H sense_intron)	chrY	6918682	6920791	+	0	0
ENSG0000(CA15P2 unprocessed)	chr22	18636445	18638405	-	0	0
ENSG0000(WT1-AS_7 misc_RNA)	chr11	32439716	32440009	+	0.51	0.71
ENSG0000(MIR8068 miRNA)	chr11	28477481	28477548	-	0	0
ENSG0000(Metazoa_S misc_RNA)	chr2	42511570	42511851	+	0	0.57
ENSG0000(RP11-384G lincRNA)	chr13	53345211	53410880	+	0	0
ENSG0000(RP11-761K antisense)	chr15	81335577	81336119	+	0.13	0.29
ENSG0000(CTD-2536I lincRNA)	chr15	95225326	95225864	-	0	0
ENSG0000(RP11-227D lincRNA)	chr15	48662531	48663056	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr7	73039085	73039186	+	0	0
ENSG0000(MIR6877 miRNA)	chr9	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP11-48O2 unprocessed)	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000(pRNA misc_RNA)	GL000220	149259	149348	+	0	0
ENSG0000(RN7SL722F misc_RNA)	chr9	61789143	61789426	+	0	0
ENSG0000(RMST_2 misc_RNA)	chr12	97492462	97492597	+	0	0
ENSG0000(MIR6853 miRNA)	chr9	35732922	35732995	+	0	0
ENSG0000(RN7SL733F misc_RNA)	chr10	87154041	87154369	-	0	0
ENSG0000(SMCR2_1 misc_RNA)	chr17	17675366	17675522	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr2	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP4-620E1 sense_intron)	chr20	41485571	41486225	-	0.21	0
ENSG0000(CTB-31N19 lincRNA)	chr16	21526824	21531141	-	0	0
ENSG0000(RP11-346J unprocessed)	chr5	1E+08	1E+08	+	0	0
ENSG0000(RP11-219B lincRNA)	chr15	60593027	60593460	+	0	0
ENSG0000(HOXA11-A1 misc_RNA)	chr7	27185433	27185530	+	0	0
ENSG0000(IGKV2-40 IG_V_gene)	chr2	89330110	89330429	-	0	0
ENSG0000(ENPP7P14 unprocessed)	chr16	5110793	5148685	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr13	28629794	28629883	+	0	0
ENSG0000(RP11-378E antisense)	chr17	37407936	37408594	-	0	0
ENSG0000(pRNA misc_RNA)	chrY	17568962	17569051	-	0	0
ENSG0000(RP11-77K1 lincRNA)	chr16	75497948	75498289	-	0.28	0
ENSG0000(CTD-2306A lincRNA)	chr15	45702640	45703183	+	0.13	0
ENSG0000(RP11-973D sense_intron)	chr12	55929170	55929729	+	0	0
ENSG0000(FTX_2 misc_RNA)	chrX	74280402	74280495	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr2	2.01E+08	2.01E+08	+	0	0
ENSG0000(GOLGA6L1 protein_coding)	chr15	23128268	23136822	-	0.02	0.08
ENSG0000(CTB-118P1 unprocessed)	chr8	87867601	87868607	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr22	40917111	40917381	+	0	0

ENSG00000151151	RP13-491L5	lincRNA	chr10	1.33E+08	1.33E+08	-	0	0
ENSG00000151152	RN7SL106F	misc_RNA	chr15	23165897	23166186	+	0	0
ENSG00000151153	RP11-332H	antisense	chr17	61354763	61355155	-	0	0
ENSG00000151154	HIST1H3G	protein_co	chr6	26269405	26271815	-	0.02	0
ENSG00000151155	Metazoa_S	misc_RNA	chr20	36561237	36561530	-	0	0
ENSG00000151156	RP11-585P	sense_intr	chr12	75333798	75334486	-	0.77	0.32
ENSG00000151157	RP11-265D	unprocess	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000151158	RP11-425D	sense_intr	chr12	28236227	28236828	+	0	0
ENSG00000151159	SDR42E1P1	processed	chr9	39651901	39652377	-	0	0
ENSG00000151160	RP11-361F	processed	chr6	1.47E+08	1.47E+08	+	1.49	0
ENSG00000151161	RP4-777L9	lincRNA	chr20	16576068	16579615	+	0	0
ENSG00000151162	RBM17P2	processed	chr9	67211663	67213067	-	0	0
ENSG00000151163	RP11-5G9	sense_intr	chr13	43877715	43878163	-	0.35	0.58
ENSG00000151164	RP11-66N2	lincRNA	chr14	23619201	23620012	+	0	0
ENSG00000151165	H19_3	misc_RNA	chr11	83386988	83387102	+	0	0
ENSG00000151166	DLG2-AS1	misc_RNA	chr11	84887207	84887419	+	0	0
ENSG00000151167	Metazoa_S	misc_RNA	chr10	69098496	69098794	+	0	0
ENSG00000151168	RP5-935K1	processed	chr2	1.28E+08	1.28E+08	-	0	0
ENSG00000151169	Metazoa_S	misc_RNA	chr9	98115885	98116135	+	0	0
ENSG00000151170	RN7SL2	misc_RNA	chr14	49862550	49862849	-	87.34	84.02
ENSG00000151171	CTD-2302E	lincRNA	chr14	63642143	63642696	+	0.13	0
ENSG00000151172	Metazoa_S	misc_RNA	chr12	49196784	49197062	+	0	0
ENSG00000151173	CH17-78J1	unprocess	chr1	1.49E+08	1.49E+08	-	0	0
ENSG00000151174	LINC01138	processed	chr1	1.48E+08	1.49E+08	-	4.48	4.32
ENSG00000151175	RP11-823E	lincRNA	chr12	89351015	89353271	+	0.22	0.56
ENSG00000151176	RP13-362E	processed	chrX	90208895	90209418	-	0	0
ENSG00000151177	RP11-732N	sense_ove	chr6	1.58E+08	1.58E+08	+	0.13	0.12
ENSG00000151178	RP13-210D	processed	chrX	1.35E+08	1.35E+08	+	0	0
ENSG00000151179	MIR3670-4	miRNA	chr16	18488301	18488365	-	0	0
ENSG00000151180	FAM27E3	transcribec	chr9	67717411	67719178	-	0.93	2.54
ENSG00000151181	RP11-440D	unprocess	chr2	95588149	95589253	+	0	0
ENSG00000151182	RP11-340F	lincRNA	chr12	1.21E+08	1.21E+08	+	0.21	0
ENSG00000151183	RP11-413H	antisense	chr16	56465642	56466162	-	0.42	0.47
ENSG00000151184	AC006539	unprocess	chr19	20056466	20056594	-	0	0
ENSG00000151185	MIR6813	miRNA	chr20	64076955	64077010	-	0	0
ENSG00000151186	RP11-66H6	sense_intr	chr16	11056556	11057034	+	0	0
ENSG00000151187	LINC01660	lincRNA	chr22	18361823	18391105	-	0	0
ENSG00000151188	Y_RNA	misc_RNA	chr21	7092616	7092716	+	0	0
ENSG00000151189	INO80B-WI	protein_co	chr2	74455088	74460884	+	4.92	7.46
ENSG00000151190	uc_338	misc_RNA	chr17	76721216	76721396	-	0	0
ENSG00000151191	OR7E156P	unprocess	chr13	63742341	63742804	+	0	0
ENSG00000151192	MIR4727	miRNA	chr17	38825838	38825892	+	0	0
ENSG00000151193	CDKN2B-A	misc_RNA	chr9	22046758	22046901	+	2.67	0
ENSG00000151194	MIR6507	miRNA	chr10	98924499	98924568	-	0	0
ENSG00000151195	5S_rRNA	rRNA	chr1	2.08E+08	2.08E+08	-	0	0

ENSG0000(MIR6724-2 miRNA	chr21	8249505	8249596	+	0	0
ENSG0000(U2 snRNA	chr17	43284139	43284329	-	0.28	0
ENSG0000(RP11-570L processed_	chr8	1.4E+08	1.4E+08	+	0	0.05
ENSG0000(MIR6514 miRNA	chr11	62792702	62792771	-	0	0
ENSG0000(ABC12-479 unprocessε	chr9	40481559	40497591	-	0	0
ENSG0000(RP11-475E protein_co	chr1	1.09E+08	1.09E+08	-	0.41	0
ENSG0000(GATSL2 protein_co	chr7	74964818	75024798	+	1.23	1.22
ENSG0000(mascRNA-r sRNA	chr11	65506117	65506173	+	0	0
ENSG0000(uc_338 misc_RNA	chr12	27824207	27824382	-	0	0
ENSG0000(RN7SL539F misc_RNA	chr15	32446674	32446964	-	0	0.14
ENSG0000(Metazoa_S misc_RNA	chr15	96496180	96496462	-	0	0
ENSG0000(CTA-315H1 sense_intrε	chr7	73609262	73611502	-	0	0.03
ENSG0000(FMR1-AS1 misc_RNA	chrX	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-415G lincRNA	chr13	55535697	55583524	-	0	0
ENSG0000(SNORD1C snoRNA	chr17	76558791	76558868	+	0	0
ENSG0000(CTD-3203P antisense	chr16	27313387	27314101	-	0	0
ENSG0000(RP11-140H sense_intrε	chr16	69632141	69632571	+	0	0
ENSG0000(5S_rRNA rRNA	chr11	1.02E+08	1.02E+08	+	0	0
ENSG0000(RN7SL787F misc_RNA	chr9	67791499	67791782	-	0	0
ENSG0000(ABCB10P1 processed_	chr15	23179869	23182049	+	0	0
ENSG0000(RP11-12A2 unprocessε	chr9	67721884	67722094	-	0	0
ENSG0000(OR4M2 protein_co	chr15	22080527	22081659	+	0	0
ENSG0000(CTD-2553L lincRNA	chr19	34733298	34733837	-	1.34	0.89
ENSG0000(RP11-278C sense_intrε	chr12	32728169	32729024	-	0.07	0.3
ENSG0000(MIR6777 miRNA	chr17	17813480	17813545	-	0	0
ENSG0000(CTC-281F2.transcribec	chr17	6657034	6693577	+	0.42	0.31
ENSG0000(MIR6081 miRNA	chr9	95065350	95065446	+	0	0
ENSG0000(RP11-813B processed_	chr8	83293925	83294271	-	0	0
ENSG0000(Y_RNA misc_RNA	chr7	1.46E+08	1.46E+08	+	0	0
ENSG0000(DISC2 misc_RNA	chr1	2.32E+08	2.32E+08	+	0	0
ENSG0000(RP11-474C antisense	chr12	48152817	48153128	+	0	0.36
ENSG0000(uc_338 misc_RNA	chr7	1.46E+08	1.46E+08	-	0	0
ENSG0000(RP11-342A sense_intrε	chr15	83962176	83962583	+	0	0
ENSG0000(RP11-163I1 processed_	chr7	1.48E+08	1.48E+08	+	0	0
ENSG0000(MIR6774 miRNA	chr16	85918347	85918416	+	0	0
ENSG0000(Metazoa_S misc_RNA	chr7	66915063	66915334	-	0	0.18
ENSG0000(RP11-14C1 sense_intrε	chr15	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-450H processed_	chr3	1.67E+08	1.67E+08	+	0	0
ENSG0000(FADS2P1 unprocessε	chr11	56890613	56927885	+	0	0
ENSG0000(RP11-576N processed_	chr4	83369416	83369523	-	0	0
ENSG0000(RP11-407N lincRNA	chr12	50934942	50935464	-	0.14	0
ENSG0000(RP11-341A processed_	chr9	40358454	40358682	+	0	0
ENSG0000(AL133243.: sense_intrε	chr2	32548675	32549040	+	0	0
ENSG0000(SNX18P1Y processed_	chrY	11178306	11178816	+	0	0.2
ENSG0000(RNA5SP43: rRNA	chr17	36491199	36491322	-	0	0

ENSG000001AL031601.1	transcribed	chr10	42242721	42276842	+	0	0
ENSG000001RN7SL585F	misc_RNA	chr13	94699223	94699502	-	0	0
ENSG000001RFPL3-AS1	misc_RNA	chr22	32368497	32368567	+	0	0
ENSG000001MIR8071-1	miRNA	chr14	1.06E+08	1.06E+08	+	0	0
ENSG000001RP4-568C1	lincRNA	chr20	24931840	24932983	+	0	0.17
ENSG000001AC133551	protein_coding	KI270728.1	17234	19833	+	0	0
ENSG000001LLNLR-284	antisense	chr19	1010221	1010907	+	0	0
ENSG000001PRAMEF28	unprocessed	chr1	13029339	13032130	+	0	0
ENSG000001NATD1	protein_coding	chr17	21238870	21253410	-	13.66	13.31
ENSG000001RBPJP2	processed	chr9	66635754	66637197	+	0	0
ENSG000001H2AFB1	protein_coding	chrX	1.55E+08	1.55E+08	+	0	0
ENSG000001RP11-158H	lincRNA	chr18	35268218	35270238	+	0.03	0.03
ENSG000001RN7SL248F	misc_RNA	chr10	46648948	46649276	+	0	0
ENSG000001RP11-324E	lincRNA	chr12	1.23E+08	1.23E+08	+	0.13	0.15
ENSG000001FAM197Y4	transcribed	chrY	9479053	9486239	-	0	0
ENSG000001U4	snRNA	chr11	1.3E+08	1.3E+08	-	0	0
ENSG000001RP11-579A	lincRNA	chr17	58747055	58747340	+	0	0
ENSG000001DLEU2_1	misc_RNA	chr1	63549489	63549608	-	0	0
ENSG000001U2	snRNA	GL000216.1	93197	93309	-	0	0
ENSG000001RP11-272L	sense_intronic	chr13	1.07E+08	1.07E+08	-	0	0
ENSG000001Metazoa_S	misc_RNA	chr2	96938923	96939203	+	0	0
ENSG000001ANTXRL	protein_coding	chr10	46286345	46330207	+	0	0.03
ENSG000001U1	snRNA	chr1	1.49E+08	1.49E+08	+	0	0
ENSG000001SOCS7	protein_coding	chr17	38352228	38405593	+	4.51	4.51
ENSG000001RP11-401E	processed	chr6	16041381	16041614	-	0	0
ENSG000001RP11-670E	lincRNA	chr17	56914186	56914533	+	2.69	3.26
ENSG000001RP11-757C	processed	chr18	14253548	14254075	+	0	0
ENSG000001CTD-2313J	lincRNA	chr15	92808451	92809057	+	0	0
ENSG000001Metazoa_S	misc_RNA	chr15	37216617	37216898	+	0	0
ENSG000001CTC-360J1	unprocessed	chr19	57111120	57112027	-	0	0
ENSG000001RP11-77K1	lincRNA	chr16	75433836	75436392	+	0.37	0.45
ENSG000001KB-68A7.1	lincRNA	chr21	44477850	44478493	+	0.11	0
ENSG000001TBC1D3H	protein_coding	chr17	36377531	36388423	-	0	0
ENSG000001RP1-267L1	antisense	chr12	1.12E+08	1.12E+08	-	0.33	0.24
ENSG000001RNA5SP41	rRNA	chr16	35748520	35748655	+	0	0
ENSG000001RMST_3	misc_RNA	chr12	97493178	97493286	+	0	0
ENSG000001RP11-131M	processed	chrY	11144250	11144492	+	0	0
ENSG000001RN7SL818F	misc_RNA	chrY	24210958	24211216	-	0	0
ENSG000001CTC-311G1	unprocessed	chr5	1.51E+08	1.51E+08	-	0	0
ENSG000001RP11-115D	antisense	chr4	89743792	89744305	+	0	0
ENSG000001RP11-20I6	unprocessed	chr10	25244061	25244854	-	0	0
ENSG000001RP11-697E	lincRNA	chr17	37649133	37650894	+	0	0
ENSG000001RP11-357P	lincRNA	chr1	2.07E+08	2.07E+08	+	0	0.32
ENSG000001AJ011932.1	lincRNA	chr21	45974489	45974953	+	0.33	0.55
ENSG000001CTC-1337H	lincRNA	chr11	67353629	67354348	+	0	0

ENSG00000108110	GGTLC3	protein_coding	chr22	18516344	18518161	-	0	0
ENSG00000108111	RP11-566K	sense_intronic	chr15	22757857	22778741	+	0	0.21
ENSG00000108112	RP1-229K2	processed_transcript	chr6	41250851	41251097	+	0	0
ENSG00000108113	MIR6728	miRNA	chr1	8866502	8866590	-	0	0
ENSG00000108114	XXbac-BPG	antisense	chr6	33437363	33454453	-	0	0
ENSG00000108115	RP1-66N13	lincRNA	chr20	48407367	48410716	+	0	0
ENSG00000108116	MIR7702	miRNA	chr9	1.11E+08	1.11E+08	-	0	0
ENSG00000108117	CH17-189F	lincRNA	chr1	1.49E+08	1.49E+08	+	3.21	4.94
ENSG00000108118	SNORA73A	snoRNA	chr1	28507366	28507571	+	0	1.02
ENSG00000108119	HIST1H3B	protein_coding	chr6	26031650	26032060	-	0	0
ENSG00000108120	RP4-545L1	processed_transcript	chr20	1186092	1207036	+	0	0
ENSG00000108121	RP11-34F2	sense_intronic	chr13	50125816	50128463	+	0.14	0.11
ENSG00000108122	RP11-44M1	processed_transcript	chr7	1.01E+08	1.01E+08	-	0.57	0.71
ENSG00000108123	GAGE13	protein_coding	chrX	49331616	49338952	+	0	0
ENSG00000108124	RP11-326K	sense_intronic	chr18	32031035	32031359	+	0	0
ENSG00000108125	CBSL	protein_coding	chr21	6444869	6468040	-	19.6	19.65
ENSG00000108126	SPATA31E3	unprocessed_transcript	chr15	22401208	22406944	+	0	0
ENSG00000108127	MIR6069	miRNA	chr22	35336721	35336799	-	0	0
ENSG00000108128	RP11-326N	lincRNA	chr15	38851306	38853432	-	2.04	2.78
ENSG00000108129	RP11-118E	processed_transcript	chrY	19253960	19260875	-	0	0
ENSG00000108130	Y_RNA	misc_RNA	chr17	38231043	38231144	-	0	0
ENSG00000108131	ADRA2B	protein_coding	chr2	96112875	96116245	-	0	0
ENSG00000108132	HIST1H2BE	protein_coding	chr6	26172059	26184655	+	0.15	0.05
ENSG00000108133	RP11-347I1	lincRNA	chr12	1.22E+08	1.22E+08	+	0.02	0.02
ENSG00000108134	pRNA	misc_RNA	chr12	38150050	38150138	+	0	0
ENSG00000108135	RP11-20G1	lincRNA	chr15	99416584	99417204	+	0	0.37
ENSG00000108136	RP11-1081	processed_transcript	chr8	53394215	53394795	+	0	0
ENSG00000108137	RP11-138H	sense_intronic	chr15	70758269	70758856	-	0	0
ENSG00000108138	RP11-114G	unprocessed_transcript	chr7	57270839	57275197	+	0	0
ENSG00000108139	MIR6864	miRNA	chr17	4969702	4969771	-	0	0
ENSG00000108140	7SK	misc_RNA	chr11	1.2E+08	1.2E+08	+	0	0
ENSG00000108141	MIR5088	miRNA	chr19	49682117	49682195	+	0	0
ENSG00000108142	RP11-345J1	sense_intronic	chr15	25708470	25710869	-	0.05	0.03
ENSG00000108143	RP11-19G2	processed_transcript	chr17	37140611	37141424	-	0	0
ENSG00000108144	SNORA71E	snoRNA	chr20	38448084	38448215	+	0	0
ENSG00000108145	RP11-53M1	unprocessed_transcript	chr8	54467208	54470609	+	0	0.12
ENSG00000108146	RP11-167B	lincRNA	chr15	98319687	98320237	-	0	0
ENSG00000108147	MIR6749	miRNA	chr11	64902387	64902455	-	0	0
ENSG00000108148	RP11-996F	antisense	chr12	29331434	29331936	-	0.59	0.49
ENSG00000108149	ZNF646P1	unprocessed_transcript	chr13	53408882	53409876	-	0	0
ENSG00000108150	RP11-93G5	lincRNA	chr13	37934565	38048169	+	0	0
ENSG00000108151	RPSAP73	processed_transcript	chr7	6365441	6365770	+	0	0
ENSG00000108152	uc_338	misc_RNA	chr1	88520000	88520170	+	0	0
ENSG00000108153	RP11-314N	protein_coding	chr20	1317571	1393096	-	0	0.12
ENSG00000108154	AL359314.1	misc_RNA	chr9	76779657	76779917	+	0	0

ENSG0000(RP11-239C processed_ chr7	35847038	35847426	-	0	0
ENSG0000(RP11-486C unprocessε chr14	70230224	70232426	+	0	0
ENSG0000(RP11-403A lincRNA chr13	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-717F lincRNA chr21	5553637	5614880	+	6.2	5.08
ENSG0000(RP11-435J lincRNA chr15	62387327	62388875	-	0.15	0.08
ENSG0000(RP11-227G lincRNA chr17	32408013	32408309	+	0	0
ENSG0000(TTC28-AS1 misc_RNA chr22	27994474	27994654	+	0	1.01
ENSG0000(REXO1L7P processed_ chr8	85790382	85794399	-	0	0
ENSG0000(ST7-AS2_1 misc_RNA chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-40B2 unprocessε chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(RP11-1360 unprocessε chr15	19955300	19955602	-	0	0
ENSG0000(ZNF658 protein_co chr9	66856426	66932141	+	1.9	1.99
ENSG0000(RN7SL853F misc_RNA chr15	72664577	72664799	+	0	0
ENSG0000(RP11-2031 unprocessε chr13	49232874	49234399	+	0	0
ENSG0000(RP11-788A unprocessε chr2	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-1151 sense_intrε chr18	58511598	58512310	-	0.18	0.1
ENSG0000(FAM74A3 transcribec chr9	66976520	66976991	-	0	0
ENSG0000(RP11-216L unprocessε chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(Metazoa_S misc_RNA chr13	45732082	45732356	-	0	0
ENSG0000(RP11-104C lincRNA chr17	4267691	4268430	+	0	0
ENSG0000(RP3-324O1 sense_intrε chr20	31535263	31535626	+	0	0
ENSG0000(RP11-507A processed_ chrY	6789153	6789344	+	0	0
ENSG0000(LA16c-380I lincRNA chr16	2981175	2981591	-	0	0
ENSG0000(GRAMD4P4 processed_ chr14	19026521	19028189	-	0	0
ENSG0000(AC144831. lincRNA chr17	83098377	83098987	+	12.23	11.09
ENSG0000(RP11-94I2. lincRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP13-714J lincRNA chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP5-878I13 processed_ chrX	1.15E+08	1.15E+08	-	0	0
ENSG0000(ADAMTS7F transcribec chr15	82298553	82334609	+	0	0
ENSG0000(RP11-178C unprocessε chr17	60025859	60030746	+	0	0.22
ENSG0000(RP11-179A lincRNA chr14	94918253	94918734	-	0	0
ENSG0000(MIR6801 miRNA chr19	52222020	52222098	+	0	0
ENSG0000(LL22NC03- unprocessε chr22	22803076	22803360	+	0	0
ENSG0000(CTD-2017F antisense chr15	64950916	64951435	-	3.69	4.52
ENSG0000(U6 snRNA chr20	30713240	30713346	-	0	0
ENSG0000(TMEM269 protein_co chr1	42785007	42816619	+	0.14	0.09
ENSG0000(RP11-154H antisense chr3	71567863	71571112	+	0	0
ENSG0000(MIR6885 miRNA chr19	6389638	6389703	-	0	0
ENSG0000(TPTE protein_co chr21	10521553	10606140	+	0	0
ENSG0000(RP11-554D lincRNA chr12	1.08E+08	1.08E+08	-	0	0
ENSG0000(HOTAIRM1 misc_RNA chr7	27099856	27099957	+	0	0
ENSG0000(CTD-2540L unprocessε chr14	70556206	70557478	+	0	0
ENSG0000(RP11-322A processed_ chrX	76250183	76251796	-	0	0
ENSG0000(RP11-294N lincRNA chr18	35144942	35145417	+	0	0
ENSG0000(CTD-2036P antisense chr15	42726583	42727211	+	0	0.12

ENSG0000(5S_rRNA	rRNA	chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(DLX6-AS1_	misc_RNA	chr7	96965302	96965481	+	0	0
ENSG0000(RP5-965G2	lincRNA	chr20	25239007	25245229	-	0.17	0.4
ENSG0000(RP11-433J	antisense	chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(MIR6515	miRNA	chr19	12940484	12940540	+	0	0
ENSG0000(TBC1D3D	protein_co	chr17	38003976	38014902	+	1.56	1.34
ENSG0000(uc_338	misc_RNA	chr3	47818005	47818128	+	0	0
ENSG0000(RP11-386J	sense_intr	chr9	70310875	70312120	+	0	0
ENSG0000(LL22NC03-	lincRNA	chr22	22283928	22287220	-	0.16	0.23
ENSG0000(RP11-544C	unprocess	chr1	1.49E+08	1.49E+08	+	0.29	0.49
ENSG0000(RN7SL196F	misc_RNA	chr15	30405307	30405597	-	0	0.14
ENSG0000(AC114271.	antisense	chr19	10333436	10336248	+	0.41	0.79
ENSG0000(RP11-972P	sense_intr	chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(U1	snRNA	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(JPX_1	misc_RNA	chrX	73944332	73944466	+	9.8	18.3
ENSG0000(U2	snRNA	chr17	43245674	43245864	-	0.28	0
ENSG0000(CTD-2282P	antisense	chr5	36636019	36649347	-	0	0
ENSG0000(C8orf89	protein_co	chr8	73241329	73259502	-	0.21	0.32
ENSG0000(RP11-128A	lincRNA	chr15	37109587	37109984	+	0.21	0.23
ENSG0000(RP11-373F	processed_	chrY	9868462	9868702	-	0	0
ENSG0000(RP11-683L	processed_	chr18	94202	94330	-	0	0
ENSG0000(LLNLR-304	antisense	chr19	5294247	5294696	+	0.18	0
ENSG0000(U6atac	snRNA	chr1	1.47E+08	1.47E+08	-	0	0
ENSG0000(RP1-66H9.	unprocess	chr6	1.55E+08	1.55E+08	-	0	0
ENSG0000(U2	snRNA	chr17	43290291	43290481	-	0.28	0
ENSG0000(CTD-2012B	unprocess	chr5	1E+08	1E+08	-	0	0
ENSG0000(AC000041.	unprocess	chr22	29437583	29437733	+	0	0
ENSG0000(SNORA40	snoRNA	chr10	36438661	36438788	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr12	68575858	68576136	-	0	0
ENSG0000(CTD-2649C	processed_	chr16	21950218	21951708	-	0.62	0.8
ENSG0000(RP11-323P	processed_	chr10	1.21E+08	1.21E+08	+	0	0
ENSG0000(MIR1273H	miRNA	chr16	24203116	24203231	+	0	0
ENSG0000(RNA5SP25	rRNA	chr8	20290174	20290289	+	0	0
ENSG0000(RP4-663N1	unprocess	chr1	1.15E+08	1.15E+08	+	0	0
ENSG0000(LINC01746	lincRNA	chr20	37571103	37583935	+	0	0
ENSG0000(RP11-228N	unprocess	chr15	23309607	23313276	+	1.2	1.56
ENSG0000(Y_RNA	misc_RNA	chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000(RN7SL650F	misc_RNA	chr14	21429508	21429806	-	0.36	0
ENSG0000(RP11-58A1	lincRNA	chr16	86698118	86698841	+	0	0
ENSG0000(RP11-345P	processed_	chr1	1583510	1583909	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr21	7474394	7474494	+	0	0
ENSG0000(RP11-60C6	unprocess	chr11	95030549	95031245	+	0	0
ENSG0000(CH17-431C	unprocess	chr17	38195740	38257152	-	7.15	7.21
ENSG0000(RP11-962G	processed_	chr8	36795255	36795862	-	0	0
ENSG0000(GNAS-AS1_	misc_RNA	chr20	58850530	58850641	+	0	0

ENSG00000100000	RP11-976B	lincRNA	chr14	88819608	88822151	-	0.21	0.02
ENSG00000100000	MRPS17P5	processed	chr6	1.28E+08	1.28E+08	+	0	0
ENSG00000100000	MIR6832	miRNA	chr6	31633787	31633858	+	0	0
ENSG00000100000	RP11-403B	transcribed	chr15	20803505	20826173	-	0	0
ENSG00000100000	MESTIT1_3	misc_RNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG00000100000	RP4-583P1	antisense	chr20	63730072	63730377	-	0	0
ENSG00000100000	ANKRD20A	processed	chrY	11173618	11173821	+	0	0
ENSG00000100000	RP11-678G	unprocessed	chr19	21592727	21593041	+	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr16	11753666	11753948	-	0	0
ENSG00000100000	RP5-965G2	antisense	chr20	25251008	25251304	-	0	0
ENSG00000100000	RP11-212L	lincRNA	chr16	55425574	55426130	-	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr9	1.25E+08	1.25E+08	+	0	0
ENSG00000100000	TBC1D3L	protein_coding	chr17	37977972	37989048	-	12.23	11.56
ENSG00000100000	Metazoa_S	misc_RNA	chr3	12576961	12577237	-	0	0
ENSG00000100000	CTD-2026K	antisense	chr15	75645020	75645442	+	0	0
ENSG00000100000	FAM74A6	lincRNA	chr9	60929774	60936746	+	0.01	0.18
ENSG00000100000	Six3os1_1	misc_RNA	chr2	44932320	44932406	+	0	0
ENSG00000100000	RCC1L	protein_coding	chr7	75027122	75074228	-	15.1	16.68
ENSG00000100000	CTC-338M	unprocessed	chr5	1.81E+08	1.81E+08	+	0	0
ENSG00000100000	CTD-2650P	sense_intronic	chr15	52017167	52018032	-	0.15	0.65
ENSG00000100000	SEBOX	protein_coding	chr17	28364268	28365244	-	0	0
ENSG00000100000	RP11-483E	unprocessed	chr15	28422172	28422373	+	0	0
ENSG00000100000	SNORD39	snoRNA	chr4	1.59E+08	1.59E+08	-	0	0
ENSG00000100000	RP6-159A1	antisense	chrX	66015461	66020422	+	0	0
ENSG00000100000	RP1-62D2.4	processed	chr6	11015586	11015888	+	0	0
ENSG00000100000	SNORD28	snoRNA	chr11	62854621	62854695	-	0	0
ENSG00000100000	Six3os1_6	misc_RNA	chr2	44938833	44939028	+	0	0
ENSG00000100000	RP11-676B	unprocessed	chr13	37139176	37139585	-	0	0
ENSG00000100000	RP11-434C	unprocessed	chr12	11516425	11521686	-	0	0
ENSG00000100000	MIR6889	miRNA	chr22	41252992	41253050	-	0	0
ENSG00000100000	AC138035	processed	chr5	1.81E+08	1.81E+08	-	0	0
ENSG00000100000	RP11-240G	antisense	chr12	1.17E+08	1.17E+08	-	0	0
ENSG00000100000	CH507-42P	protein_coding	chr21	5972924	5973383	-	2.43	1.68
ENSG00000100000	RP11-285E	lincRNA	chr12	1.02E+08	1.02E+08	-	0	0
ENSG00000100000	RP11-147L	lincRNA	chr17	68131462	68131907	+	2.32	2.55
ENSG00000100000	RP11-404F	unprocessed	chr1	1.61E+08	1.61E+08	-	0	0
ENSG00000100000	CTD-3035K	antisense	chr17	62626437	62627590	-	3.76	4.42
ENSG00000100000	RN7SL545F	misc_RNA	chr15	22429200	22429489	-	0	0
ENSG00000100000	RP11-121C	processed	chr12	56413647	56414045	-	0	0
ENSG00000100000	SPDYE10P	transcribed	chr7	73104201	73111140	-	0	0
ENSG00000100000	ZYXP1	unprocessed	chr8	1.37E+08	1.37E+08	-	0	0
ENSG00000100000	IGHV2-70	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000100000	RP11-430E	sense_intronic	chr18	28146233	28146703	-	0	0.18
ENSG00000100000	RP5-824H1	processed	chrX	1.47E+08	1.47E+08	+	0	0
ENSG00000100000	SNORA16A	snoRNA	chr1	28580920	28581056	-	0	0

ENSG0000(FAM74A4	transcribed	chr9	61205258	61212373	+	0	0
ENSG0000(RP11-819N	unprocessed	chr11	1.07E+08	1.07E+08	+	0.53	0
ENSG0000(RNU2-1	snRNA	chr17	43233787	43233977	-	0.28	0
ENSG0000(DGKK	protein_co	chrX	50365409	50470738	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr11	18538885	18539189	+	0	0
ENSG0000(RP11-474P	sense_intr	chr12	46239106	46239473	-	0	0
ENSG0000(RP11-43P8	processed	chr6	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP11-423G	sense_intr	chr12	1.09E+08	1.09E+08	-	0.3	0
ENSG0000(DUX4L24	unprocessed	chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(RIMBP3B	protein_co	chr22	21383374	21389478	+	0.14	0.19
ENSG0000(WI2-88277	unprocessed	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(PI4KAP1	transcribed	chr22	18533646	18577968	-	11.15	13.27
ENSG0000(Y_RNA	misc_RNA	chr6	99526097	99526205	+	0	0
ENSG0000(RP11-12G1	lincRNA	chr13	1E+08	1E+08	-	2.65	2.69
ENSG0000(ST7-OT4_4	misc_RNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(RNU6-866F	snRNA	chr17	38755279	38755400	-	0	0
ENSG0000(TBC1D3	protein_co	chr17	38181659	38192541	-	0	0
ENSG0000(CTC-260E6	processed	chr19	20087013	20087576	-	0	0
ENSG0000(RP11-17E4	unprocessed	chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000(CH17-258A	unprocessed	chr17	38078262	38124770	+	0	0
ENSG0000(RFPL3-AS1	misc_RNA	chr22	32362972	32363059	+	0	0
ENSG0000(HIST1H4F	protein_co	chr6	26240426	26240737	+	0	0
ENSG0000(MIR378J	miRNA	chr17	37614931	37615039	-	0	0
ENSG0000(MIR6867	miRNA	chr17	40193597	40193663	+	0	0
ENSG0000(RP11-49G2	sense_intr	chr12	22104491	22105320	-	0	0
ENSG0000(SCARNA17	scaRNA	chr22	18605355	18605497	+	0	0
ENSG0000(RP11-104N	sense_intr	chr16	89516797	89522217	+	0.94	0.78
ENSG0000(RP11-399F	processed	chr9	66047084	66055006	-	0.08	0.22
ENSG0000(RP11-92F2	antisense	chr2	2.24E+08	2.24E+08	+	0	0
ENSG0000(RP11-229E	antisense	chr17	41867581	41867736	+	0	0
ENSG0000(RP11-368E	processed	chrX	1.28E+08	1.28E+08	-	0	0
ENSG0000(RN7SL719F	misc_RNA	chr15	28703554	28703790	-	0	0
ENSG0000(RP11-279C	unprocessed	chr7	1.55E+08	1.55E+08	-	0	0
ENSG0000(SNORD109	snoRNA	chr15	25041974	25042040	+	0	0
ENSG0000(HIST1H2BC	protein_co	chr6	27893463	27893843	+	0	0
ENSG0000(CH17-472C	unprocessed	chr1	1.2E+08	1.2E+08	+	0.29	0.29
ENSG0000(DLEU2_6	misc_RNA	chr12	91632912	91633023	-	0	0
ENSG0000(CTD-2311B	processed	chr14	19511244	19511712	+	0	0
ENSG0000(RP11-457D	lincRNA	chr13	51180178	51180967	+	0	0
ENSG0000(RP11-347C	antisense	chr16	30359825	30360336	+	0.14	0.16
ENSG0000(CTD-3247H	sense_intr	chr15	48528980	48529728	-	0.78	0.57
ENSG0000(XIST_intr	misc_RNA	chrX	73821657	73821724	-	0	0
ENSG0000(RN7SL625F	misc_RNA	chr7	72841437	72841727	-	0	0
ENSG0000(TBC1D3J	unprocessed	chr17	36450146	36457535	-	0	0
ENSG0000(RP11-986G	lincRNA	chr12	2740093	2742855	+	0	0

ENSG0000(Metazoa_S misc_RNA chr10	1.01E+08	1.01E+08	-	0	0
ENSG0000(RN7SKP23(misc_RNA chr21	25101132	25101415	+	0	0
ENSG0000(5S_rRNA rRNA chr17	38144201	38144287	-	0	0
ENSG0000(RP11-169D processed_chr11	72562044	72562554	+	0	0
ENSG0000(CTD-2566J: unprocessε chr14	68113706	68114144	-	0	0
ENSG0000(RP11-31H5 sense_intrε chr15	56729932	56730611	-	0.1	0.11
ENSG0000(RP13-820C lincRNA chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-505K sense_intrε chr16	84085979	84086590	-	0.11	0.25
ENSG0000(RP11-2C24 lincRNA chr16	30821338	30821884	+	0	0
ENSG0000(MYO5BP1 processed_chr9	41292887	41294125	+	0	0
ENSG0000(RP11-385G sense_intrε chr12	40978744	40979244	+	0	0
ENSG0000(RP11-122K lincRNA chr10	1.33E+08	1.33E+08	-	0	0
ENSG0000(Metazoa_S misc_RNA chr10	77966173	77966440	+	0	0
ENSG0000(RP11-34H1 processed_chr9	41700480	41700696	-	0	0
ENSG0000(RP11-310E unprocessε chr10	95173085	95173187	-	0	0
ENSG0000(HTT-AS1_2 misc_RNA chr4	3069977	3070151	+	0	0
ENSG0000(RP11-21K1 lincRNA chr12	1.29E+08	1.29E+08	+	0.09	0
ENSG0000(MIR6761 miRNA chr12	1.12E+08	1.12E+08	+	0	0
ENSG0000(RP11-71L1: lincRNA chr16	68450283	68452318	+	0	0
ENSG0000(Metazoa_S misc_RNA chr8	94655911	94656208	+	0	0
ENSG0000(RP11-393N processed_chr1	1.88E+08	1.88E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA chr14	49913493	49913760	-	0	0
ENSG0000(MIR486-1 miRNA chr8	41660441	41660508	-	0	0
ENSG0000(Evf-2_5p misc_RNA chr7	97013925	97014066	-	0	0
ENSG0000(Metazoa_S misc_RNA chr2	1.31E+08	1.31E+08	-	0.23	0.52
ENSG0000(RP11-147L: lincRNA chr17	68205489	68207493	+	1.5	0.98
ENSG0000(MIR7974 miRNA chr19	11495544	11495622	-	0	0
ENSG0000(U4 snRNA chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP1-47A17 processed_chr22	42791814	42794313	-	0	0
ENSG0000(RP11-346C lincRNA chr13	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-86K2 sense_intrε chr15	57990217	57990636	-	0	0
ENSG0000(SPRY4-IT1_ misc_RNA chr5	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-618L: lincRNA chr12	46970504	46972155	+	0	0
ENSG0000(RP11-476L1 processed_chr20	64327418	64327972	-	0	0
ENSG0000(RP11-143N unprocessε chr16	20618205	20620758	-	0	0
ENSG0000(LINC00901 misc_RNA chr3	1.17E+08	1.17E+08	+	0	0
ENSG0000(CCL23 protein_co chr17	36013056	36017968	-	0	0
ENSG0000(RP5-1057I2 sense_intrε chr12	47817451	47817966	-	0.43	0.16
ENSG0000(AC013791: misc_RNA chr11	2871437	2871498	+	0	0
ENSG0000(Metazoa_S misc_RNA chr10	1.02E+08	1.02E+08	-	0	0
ENSG0000(ELOA3D protein_co chr18	46962768	46964408	-	0	0
ENSG0000(RN7SL627F misc_RNA chr17	18840618	18840920	+	0	0
ENSG0000(CH17-53B9 unprocessε chr17	21678086	21678418	+	0	0
ENSG0000(KRTAP7-1 protein_co chr21	30829039	30829759	-	0	0
ENSG0000(HIST1H3E protein_co chr6	26224199	26227473	+	0.71	0.76

ENSG0000(LA16c-358l antisense chr16	1305547	1309413	-	0.22	0.1
ENSG0000(TRBV12-3 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(U2 snRNA chr9	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTB-75G16 processed_ chr17	36574462	36575325	-	0	0
ENSG0000(RP1-59D14 antisense chr17	2366589	2366791	-	0	0
ENSG0000(5S_rRNA rRNA chr4	67439992	67440118	+	0	0
ENSG0000(ZNFX1-AS1 misc_RNA chr20	49279116	49279208	+	0	0
ENSG0000(RP11-966l antisense chr14	28818741	28819258	+	0	0
ENSG0000(PRAMEF27 protein_co chr1	13049476	13056491	-	0	0
ENSG0000(RP11-139H sense_intr chr15	55343141	55343575	-	0.37	0
ENSG0000(LINC00453 lincRNA chr13	1.14E+08	1.14E+08	+	0	0
ENSG0000(AC131056. antisense chr17	36183235	36196471	+	0.28	1.18
ENSG0000(RP11-493E processed_ chr2	61115787	61164825	+	0	0
ENSG0000(MIR6128 miRNA chr11	56743873	56743981	+	0	0
ENSG0000(Metazoa_S misc_RNA chr8	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP1-274L7. transcribed chrX	1.3E+08	1.31E+08	-	0	0
ENSG0000(RP11-687F lincRNA chr18	46786699	46789297	-	0.11	0
ENSG0000(AC004792. misc_RNA chr19	56848068	56848204	+	0	0
ENSG0000(Y_RNA misc_RNA chr21	6223480	6223580	-	0	0
ENSG0000(F8A2 protein_co chrX	1.55E+08	1.55E+08	+	0	0
ENSG0000(AC171558. protein_co KI270727.1	386278	387620	+	0	0
ENSG0000(RP11-407N antisense chr12	50953924	50954356	-	0.56	0
ENSG0000(CTD-2129N lincRNA chr15	40874433	40874595	+	0	0
ENSG0000(Metazoa_S misc_RNA chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(AC007204. unprocess chr19	19978190	19979610	-	0	0
ENSG0000(MIR6768 miRNA chr16	2463967	2464038	+	0	0
ENSG0000(TBC1D3B protein_co chr17	36165681	36176636	-	5.18	5.97
ENSG0000(MIR6078 miRNA chr10	3991160	3991259	+	0	0
ENSG0000(NPHP3-AC protein_co chr3	1.33E+08	1.33E+08	-	1.37	0.82
ENSG0000(RP11-21l4. unprocess chr5	1.79E+08	1.79E+08	+	0	0
ENSG0000(RP11-536P unprocess chr15	28494975	28495182	-	0	0
ENSG0000(MIR6772 miRNA chr16	57772289	57772352	-	0	0
ENSG0000(AC012531. misc_RNA chr12	53968002	53968178	+	0	0
ENSG0000(RP1-292L2l lincRNA chr14	70906657	70907111	-	3.45	1.71
ENSG0000(RMST_7 misc_RNA chr12	97532691	97532958	+	0	0
ENSG0000(RP11-395E unprocess chr9	66979460	66979862	+	0	0
ENSG0000(MIR6762 miRNA chr12	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-348N processed_ chr12	56376818	56377331	-	0	0
ENSG0000(MIR7152 miRNA chr10	71790747	71790800	+	0	0
ENSG0000(RP4-616B8 lincRNA chr20	38955910	38956547	+	0.11	0
ENSG0000(LINC01297 lincRNA chr14	19344578	19384587	-	0.01	0.01
ENSG0000(RP11-567N lincRNA chr18	79677287	79679358	-	1.66	1.92
ENSG0000(RP11-432N processed_ chr5	17669283	17669518	-	0	0
ENSG0000(RP11-1055 lincRNA chr17	81387415	81387766	+	0	0.29
ENSG0000(CTD-3037C lincRNA chr16	12614451	12614852	+	0	0

ENSG0000(RP11-566K unprocessed)	chr15	22360639	22360918	+	0	0
ENSG0000(SMCR2_2 misc_RNA)	chr17	17676211	17676371	+	0	0
ENSG0000(RP11-356K processed)	chrY	19932130	19932500	-	0	0
ENSG0000(MIR6788 miRNA)	chr18	10759584	10759649	-	0	0
ENSG0000(RP11-320G lincRNA)	chr3	18013226	18041603	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(RP11-325N processed)	chr6	60826185	60826533	-	0	0
ENSG0000(uc_338 misc_RNA)	chr2	1.92E+08	1.92E+08	+	0	0
ENSG0000(AC145212. protein_co)	GL000194.	53594	115055	-	2.94	3.33
ENSG0000(Metazoa_S misc_RNA)	chr16	30816030	30816302	+	0	0
ENSG0000(RP11-4911sense_intr)	chr18	36189824	36190272	+	0.88	0.97
ENSG0000(RN7SL422F misc_RNA)	chr9	67175775	67176035	-	0	0
ENSG0000(RP1-90J20. processed)	chr6	3033183	3033288	+	0	0
ENSG0000(RP11-136L. antisense)	chr12	1.18E+08	1.18E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr17	6521131	6521412	+	1.64	1.45
ENSG0000(U2 snRNA)	chr17	43277978	43278168	-	0.28	0
ENSG0000(RP11-97N1 lincRNA)	chr20	19000709	19056796	-	0	0
ENSG0000(HOTAIRM1 misc_RNA)	chr7	27099778	27099836	+	0	0
ENSG0000(H19_2 misc_RNA)	chr11	1997484	1997552	+	0	0
ENSG0000(RP4-724P1 processed)	chr6	49115537	49116115	+	0	0
ENSG0000(pRNA misc_RNA)	chr21	8388898	8388987	+	0	0
ENSG0000(RP11-214K protein_co)	chr12	1.24E+08	1.24E+08	+	0	0.92
ENSG0000(DLEU2_3 misc_RNA)	chr13	50049591	50049663	+	0	0
ENSG0000(RP11-411G processed)	chr12	1.15E+08	1.15E+08	-	0	0
ENSG0000(Metazoa_S misc_RNA)	chr17	45931806	45932083	+	0	0
ENSG0000(AL117190. misc_RNA)	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-268P sense_intr)	chr12	22638464	22638943	+	0	0
ENSG0000(SEPT14P17 unprocessed)	chr1	2.28E+08	2.28E+08	+	0	0
ENSG0000(CTB-167G5 unprocessed)	chr19	53512092	53512616	-	0	0
ENSG0000(RP11-15E1 lincRNA)	chr9	66014525	66020816	-	0	0
ENSG0000(RP11-478J. antisense)	chr1	2.14E+08	2.14E+08	-	0	0
ENSG0000(PANO1 protein_co)	chr11	797511	799190	+	0.54	0.33
ENSG0000(AC001226. lincRNA)	chr13	77027944	77028482	+	0	0.15
ENSG0000(RP11-566H processed)	chrY	25174520	25175237	+	0	0
ENSG0000(LLOXNC01- processed)	chrX	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP1-197B1 lincRNA)	chr12	47731908	47732351	+	0.36	0
ENSG0000(RP1-81D8. unprocessed)	chr6	1.61E+08	1.61E+08	+	0	0
ENSG0000(CTD-2515C antisense)	chr16	30064306	30064825	-	0	0
ENSG0000(RP11-12A2 unprocessed)	chr9	67725890	67726544	+	1.34	0.8
ENSG0000(HAR1A misc_RNA)	chr20	63102142	63102259	+	0	0
ENSG0000(RP11-144A transcribed)	chr9	60927098	60927491	-	0	0
ENSG0000(RNA5-8S5 rRNA)	GL000220.	112025	112177	+	13.92	37.54
ENSG0000(RP11-54G1 lincRNA)	chr18	35317396	35317848	+	0.52	0.77
ENSG0000(RP11-428F processed)	chr9	1.15E+08	1.15E+08	-	0	0
ENSG0000(RP11-88E1 lincRNA)	chr13	1.13E+08	1.13E+08	-	0.3	0.33

ENSG00000105111	GS1-214D1	unprocessed	chrX	7896514	7896722	-	0	0
ENSG00000105112	CTD-2547C	lincRNA	chr16	25257952	25261066	+	0.71	0.69
ENSG00000105113	CH17-1312	unprocessed	chr1	1.43E+08	1.43E+08	-	0	0
ENSG00000105114	KRT89P	transcribed	chr12	52341197	52354036	+	0	0
ENSG00000105115	RP11-165D	sense_intr	chr13	48532013	48532599	-	0	0
ENSG00000105116	RP11-1030	processed	chr18	50318420	50319024	+	0	0
ENSG00000105117	MIR7150	miRNA	chr9	1.23E+08	1.23E+08	-	0	0
ENSG00000105118	TBC1D3I	protein_co	chr17	36253456	36264553	-	0	0.21
ENSG00000105119	SMAD5-AS	misc_RNA	chr5	1.36E+08	1.36E+08	+	0	0
ENSG00000105120	CTD-2311N	lincRNA	chr15	74374678	74375511	+	0	0
ENSG00000105121	MIR8083	miRNA	chr1	1.54E+08	1.54E+08	-	0	0
ENSG00000105122	RP11-351C	sense_intr	chr12	42361267	42361703	+	0	0.2
ENSG00000105123	RP5-864K1	protein_co	chr1	38864501	38881617	-	0.24	0
ENSG00000105124	RP5-1009E	processed	chr20	3811384	3823882	+	0.47	0
ENSG00000105125	RP11-56B1	sense_intr	chr15	51833134	51833426	+	0	0
ENSG00000105126	UG0898H0	lincRNA	chr8	62977861	62984900	+	0.11	0.03
ENSG00000105127	SPDYE13P	unprocessed	chr7	75281267	75287118	+	0	0
ENSG00000105128	TEX28P1	unprocessed	chrX	1.54E+08	1.54E+08	-	0	0
ENSG00000105129	RN7SL600F	misc_RNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG00000105130	RP11-817I4	sense_intr	chr12	32339368	32340724	+	0.56	0.52
ENSG00000105131	RP11-382B	unprocessed	chr15	30395146	30396368	+	0	0
ENSG00000105132	Y_RNA	misc_RNA	chr3	53290640	53290751	+	0	0
ENSG00000105133	MIR6771	miRNA	chr16	50292616	50292675	+	0	0
ENSG00000105134	RP11-472F	processed	chr7	12439419	12440404	-	0	0
ENSG00000105135	BSNDP2	processed	chr20	25845497	25845862	+	0	0
ENSG00000105136	MIR6735	miRNA	chr1	43448539	43448611	+	0	0
ENSG00000105137	RP11-8P13	sense_intr	chr12	32820142	32820567	-	0.19	0
ENSG00000105138	RP11-118N	processed	chr2	2.41E+08	2.41E+08	-	0	0
ENSG00000105139	RNU11	snRNA	chr1	28648600	28648733	+	0	0
ENSG00000105140	RP11-1143	lincRNA	chr12	69326574	69331882	-	0.02	0.01
ENSG00000105141	Y_RNA	misc_RNA	chr7	73067231	73067332	+	0	0
ENSG00000105142	PTCHD3P1	unprocessed	chr10	29421476	29422012	-	0	0
ENSG00000105143	MIR6750	miRNA	chr11	64898363	64898437	-	0	0
ENSG00000105144	RP11-295I5	antisense	chr12	25210652	25211233	+	0.24	0.13
ENSG00000105145	MIR6876	miRNA	chr8	25345402	25345474	+	0	0
ENSG00000105146	RP11-395B	antisense	chr7	1.01E+08	1.01E+08	-	0	0
ENSG00000105147	MIR8056	miRNA	chr5	1.73E+08	1.73E+08	+	0	0
ENSG00000105148	RP11-321F	sense_intr	chr15	66740445	66741151	+	0	0.1
ENSG00000105149	CTB-58E17	antisense	chr17	38601049	38602701	+	0	0
ENSG00000105150	HIST1H2AF	protein_co	chr6	27147129	27147515	+	0	0
ENSG00000105151	SNORA17A	snoRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000105152	MIR8052	miRNA	chr11	1.31E+08	1.31E+08	+	0	0
ENSG00000105153	uc_338	misc_RNA	chr10	16767235	16767416	+	0	0
ENSG00000105154	RP11-187E	transcribed	chr14	31964550	31965095	+	0	0
ENSG00000105155	ZNF280B	protein_co	chr22	22484421	22509154	-	0.48	0.35

ENSG0000(RP11-234G antisense chr10	1.3E+08	1.3E+08	+	0	0
ENSG0000(Y_RNA misc_RNA chr17	38089399	38089500	+	0	0
ENSG0000(RP11-599B unprocessed chr17	8063936	8072533	+	0	0
ENSG0000(CTC-550B1 processed_chr19	54948864	54948993	+	0	0
ENSG0000(RN7SL166F misc_RNA chr13	19736975	19737254	-	0	0
ENSG0000(RP11-129G unprocessed chr10	88259129	88259372	-	0	0
ENSG0000(RP11-6101 lincRNA chr15	95638346	95825451	+	0	0
ENSG0000(RP11-317B processed_chr9	88391362	88391832	-	0	0
ENSG0000(MIR6753 miRNA chr11	68044794	68044957	+	0	0
ENSG0000(MLLT6 protein_co chr17	38705542	38729803	+	19.35	19.49
ENSG0000(CTB-1144G antisense chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP5-875H1 antisense chr17	50098460	50098899	-	0	0
ENSG0000(GXYLT1P4 transcribed chr9	66022661	66027719	-	0	0
ENSG0000(HMGB1P2 transcribed chr17	37143607	37144463	-	0	0
ENSG0000(RNU6-538F snRNA chr9	66142221	66142327	-	0	0
ENSG0000(TCL6_2 misc_RNA chr14	95662480	95662598	+	0	0
ENSG0000(TP53TG3E protein_co chr16	33303739	33306935	+	0	0
ENSG0000(MIR8086 miRNA chr10	28289258	28289350	-	0	0
ENSG0000(RP11-546B protein_co chr5	1.71E+08	1.71E+08	-	0	0
ENSG0000(RP11-70D2 lincRNA chr16	79619469	79620110	+	0	0
ENSG0000(Metazoa_S misc_RNA chr8	1.01E+08	1.01E+08	-	0	0
ENSG0000(SNORD25 snoRNA chr11	62855564	62855632	-	0	0
ENSG0000(RP11-136G processed_chr6	58386799	58386961	+	0	0
ENSG0000(BSNP1 processed_chr20	25783553	25783919	+	0	0
ENSG0000(PPP4R3B protein_co chr2	55547292	55618880	-	14.5	15.15
ENSG0000(ST7-OT3_1 misc_RNA chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(CTC-471J1. antisense chr19	52049007	52049754	+	0.26	0.29
ENSG0000(RP11-127I2 sense_intronic chr16	4839244	4840334	-	0.06	0
ENSG0000(PPP1R26P3 unprocessed chr22	18400407	18404206	-	0	0
ENSG0000(RP11-220H unprocessed chr7	57067950	57074664	-	0	0
ENSG0000(AC233755. protein_co KI270726.1	41444	41876	+	0	0
ENSG0000(CH17-262C unprocessed chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(SYNRG protein_co chr17	37514797	37609496	-	11.35	10.69
ENSG0000(MIR6825 miRNA chr3	1.28E+08	1.28E+08	-	0	0
ENSG0000(U6 snRNA chr9	64082429	64082534	+	0	0
ENSG0000(GNAS-AS1 misc_RNA chr20	58850783	58850903	+	0	0
ENSG0000(Metazoa_S misc_RNA chrX	1.3E+08	1.3E+08	-	0	0.41
ENSG0000(uc_338 misc_RNA chr13	55128285	55128444	+	0	0
ENSG0000(SNORD50B snoRNA chr6	85677589	85677658	-	0	0
ENSG0000(NUDT18 protein_co chr8	22106872	22109419	-	9.73	8.85
ENSG0000(CH17-248F processed_chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-656A unprocessed chr8	1.4E+08	1.4E+08	-	0	0
ENSG0000(SNORD91B snoRNA chr17	2329016	2329237	-	0	0
ENSG0000(RP11-442C lincRNA chr16	85142696	85146001	-	0.02	0
ENSG0000(RN7SL296F misc_RNA chr3	33103008	33103306	+	0	0

ENSG00000100000	CTB-5506	antisense	chr19	14006422	14006773	+	0	0
ENSG00000100000	LA16c-329	sense_intr	chr16	1707252	1707973	+	0	0
ENSG00000100000	RP11-219H	unprocess	chr2	97000436	97001593	-	0	0
ENSG00000100000	RP11-627K	3prime_ov	chr12	31280422	31280895	-	0.22	0
ENSG00000100000	MIR6766	miRNA	chr15	89326739	89326810	-	0	0
ENSG00000100000	SCb-64M4	unprocess	chr8	89826593	89833564	+	0	0
ENSG00000100000	RP11-309L	TEC	chr7	1.29E+08	1.29E+08	-	0	0
ENSG00000100000	MIR6782	miRNA	chr17	44207771	44207839	-	0	0
ENSG00000100000	U7	snRNA	chr3	98987387	98987449	+	0	0
ENSG00000100000	MIR6504	miRNA	chr16	81611348	81611408	+	0	0
ENSG00000100000	MIR6087	miRNA	chrX	1.09E+08	1.09E+08	+	0	0
ENSG00000100000	ZNF2	protein_co	chr2	95165432	95184317	+	2.07	2.12
ENSG00000100000	GAGE2E	protein_co	chrX	49341192	49345922	+	0	0
ENSG00000100000	RP11-613H	unprocess	chr8	27010486	27010746	+	0	0
ENSG00000100000	RP11-711K	lincRNA	chr12	11212219	11251389	+	0	0
ENSG00000100000	RP11-182J	antisense	chr15	84597809	84633987	-	0.32	0.35
ENSG00000100000	CH17-232I	processed	chr7	75237293	75237405	-	33.65	94.01
ENSG00000100000	HIST1H4L	protein_co	chr6	27873199	27873510	-	0	0
ENSG00000100000	SNORD116	snoRNA	chr15	25089923	25090014	+	0	0
ENSG00000100000	RN7SL203F	misc_RNA	chr8	70480192	70480487	-	0	0
ENSG00000100000	CH17-219N	processed	chr1	1.21E+08	1.21E+08	-	0	0
ENSG00000100000	RP11-32D4	unprocess	chr9	11618496	11618621	-	0	0
ENSG00000100000	CH17-472C	transcribec	chr1	1.2E+08	1.21E+08	-	4.39	5.24
ENSG00000100000	RN7SL663F	misc_RNA	chr19	38200234	38200532	+	0	0
ENSG00000100000	MEG8_2	misc_RNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	RP11-432L	processed	chr6	1.41E+08	1.41E+08	-	0	0
ENSG00000100000	RP1-101D8	antisense	chr21	45759804	45763758	-	0	0
ENSG00000100000	CH17-478C	unprocess	chr1	1.49E+08	1.49E+08	-	0	0
ENSG00000100000	MIR6888	miRNA	chr2	1.59E+08	1.59E+08	+	0	0
ENSG00000100000	RP5-999L4	lincRNA	chr20	19871891	19872284	+	0	0
ENSG00000100000	SCARNA16	scaRNA	chr17	77089307	77089493	+	0.45	0
ENSG00000100000	SNX18P5	unprocess	chr9	42923277	42924144	+	0	0
ENSG00000100000	snoU2_19	snoRNA	chr11	93721542	93721621	+	0	0
ENSG00000100000	CCL16	protein_co	chr17	35976493	35981496	-	0	0
ENSG00000100000	U3	snoRNA	chr14	91714915	91715130	-	0	0
ENSG00000100000	CTD-2595P	sense_intr	chr16	49847018	49847632	-	0.22	0.25
ENSG00000100000	RP11-762N	unprocess	chr2	2.32E+08	2.32E+08	+	0	0
ENSG00000100000	TRBV12-5	TR_V_gene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000100000	RP11-187C	processed	chr9	41479960	41480548	+	1.63	2.2
ENSG00000100000	Mico1	misc_RNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	LLNLR-260	sense_intr	chr19	956485	958149	+	0	0
ENSG00000100000	RP11-385J	protein_co	chr3	1.78E+08	1.79E+08	+	0	0
ENSG00000100000	MIR6814	miRNA	chr21	41746772	41746841	-	0	0
ENSG00000100000	MIR6815	miRNA	chr21	45478266	45478326	+	0	0
ENSG00000100000	FRG2MP	processed	chr21	14019060	14020725	-	0	0

ENSG0000(AC091199. lincRNA	chr17	37798894	37802788	-	0	0
ENSG0000(U6 snRNA	chr15	21428879	21428985	-	0	0
ENSG0000(CTD-2313J. lincRNA	chr15	92819598	92819992	+	0	0
ENSG0000(RP11-4B16 antisense	chr18	77093086	77093446	+	0.5	1.66
ENSG0000(RP4-737E2 lincRNA	chr20	23180176	23187544	+	0	0
ENSG0000(RP11-631N lincRNA	chr12	62603909	62604399	+	13.71	12.54
ENSG0000(LENG9 protein_co	chr19	54461796	54463711	-	3.01	2.73
ENSG0000(RP13-753N antisense	chr17	30899110	30899651	+	0	0
ENSG0000(RP11-196B antisense	chr18	79470120	79470940	-	0.13	0
ENSG0000(RP11-36I17 sense_intr	chr16	53628256	53628816	-	0.13	0
ENSG0000(RP1-27C22 unprocess	chrX	11221348	11225731	+	0	0
ENSG0000(RP11-295I5 antisense	chr12	25225103	25225665	+	0	0
ENSG0000(RP11-471B lincRNA	chr14	90383365	90387973	+	0.12	0.04
ENSG0000(LLNLF-18A: unprocess	chr19	23479762	23480468	-	0	0
ENSG0000(RP11-156K antisense	chr13	48974967	48976867	-	0.71	0.42
ENSG0000(RP1-37N7. unprocess	chr17	18390153	18390323	-	0	0
ENSG0000(MIR6740 miRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(MIR6745 miRNA	chr11	47179611	47179737	-	0	0
ENSG0000(AC008984. processed_	chr19	54308915	54337168	-	0.03	0.11
ENSG0000(RP3-446N1 lincRNA	chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA	chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(RNA5-8S5 rRNA	chr21	8395607	8395759	+	13.92	37.54
ENSG0000(RP11-54H7 lincRNA	chr13	1.09E+08	1.09E+08	+	0.08	0.15
ENSG0000(U2 snRNA	chr17	43296425	43296615	-	0.28	0
ENSG0000(HIST1H2AK protein_co	chr6	27837947	27838339	-	0.22	0
ENSG0000(Metazoa_S misc_RNA	chr20	8998849	8999100	+	0	0
ENSG0000(RP1-63M2. lincRNA	chr20	33655701	33656423	-	0.27	0
ENSG0000(LINC00547 lincRNA	chr13	37534940	37551536	+	0	0.05
ENSG0000(uc_338 misc_RNA	chr3	25618132	25618312	-	0	0
ENSG0000(RP11-370I1 lincRNA	chr12	48327942	48328472	-	0	0
ENSG0000(RNU1-68P snRNA	chr1	1.5E+08	1.5E+08	-	0	0
ENSG0000(RN7SL544F misc_RNA	chr9	62363581	62363864	+	0	0
ENSG0000(RMST_4 misc_RNA	chr12	97493897	97494003	+	0	0
ENSG0000(RP11-897M lincRNA	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(CTD-2396E antisense	chr19	6469465	6470152	+	0.1	0
ENSG0000(AC009120. lincRNA	chr16	74289593	74291052	-	0.04	0
ENSG0000(MIR4734 miRNA	chr17	38702262	38702331	-	0	0
ENSG0000(RP11-157L. lincRNA	chr9	41657708	41699072	-	0	0
ENSG0000(TRBV16 TR_V_gene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-40E6 lincRNA	chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(AC171558. protein_co	KI270727.1	372322	373405	+	0	0
ENSG0000(RP11-768G processed_	chr4	34714270	34714598	+	0	0
ENSG0000(FTX_3 misc_RNA	chrX	74280936	74281082	+	0	0
ENSG0000(MRPS31P1 processed_	chr3	41189041	41189236	+	0	0
ENSG0000(MIR6511A: miRNA	chr16	14925937	14926003	+	0	0

ENSG000001072	lincRNA	chr16	30956872	30957199	-	0	0.33
ENSG000001152	lincRNA	chr12	1.23E+08	1.23E+08	+	0	0
ENSG000001191	misc_RNA	chr11	1996540	1996610	+	0	0
ENSG000001007	snRNA	chrX	1.4E+08	1.4E+08	+	0	0
ENSG0000016780A	miRNA	chr17	42708084	42708151	-	0	0
ENSG000001946L	antisense	chr12	29156448	29156991	-	0	0
ENSG000001105L	processed	chrY	7656968	7657352	+	0	0
ENSG0000014564F2	lincRNA	chr20	38378825	38383179	+	0	0
ENSG000001499A	lincRNA	chr12	44498616	44499158	-	0	0
ENSG000001Metazoa_S	misc_RNA	chrX	388100	388389	-	0	0
ENSG000001Metazoa_S	misc_RNA	chrY	388100	388389	-	0	0
ENSG000001001	snRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG000001Metazoa_S	misc_RNA	chr22	21555138	21555457	+	0	0
ENSG000001428C	lincRNA	chr13	27178263	27251288	-	0.25	0.14
ENSG000001111G	processed	chr7	45303620	45304362	+	0	0
ENSG0000011718C	processed	chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000011292F	processed	chr9	41760088	41764175	+	0.21	0.28
ENSG000001004	protein_co	chr17	36103590	36105621	+	0	0
ENSG00000105_rRNA	rRNA	chr20	30816156	30816274	-	0	0
ENSG000001001_4	misc_RNA	chr22	30973417	30973597	+	0	0
ENSG00000111-441G	processed	chrY	9325799	9326047	+	0	0
ENSG00000111-432I1	unprocessε	chr10	45180400	45180616	+	0	0
ENSG00000111-32A1	unprocessε	chrX	36794500	36795460	-	0	0
ENSG00000111-143N	unprocessε	chr16	20616409	20616532	-	0	0
ENSG00000111-526D	unprocessε	chr9	92840955	92841688	-	0.09	0.29
ENSG000001Metazoa_S	misc_RNA	chr22	18524620	18524935	+	0	0.35
ENSG000001003-347M1	processed	chrX	1.01E+08	1.01E+08	-	0	0
ENSG00000111-262A	lincRNA	chr15	96342953	96345651	+	0.16	0.12
ENSG000001003D61PP1	transcribec	chr15	22727104	22744918	+	0.16	0.2
ENSG00000111-234G	antisense	chr10	1.3E+08	1.3E+08	+	0	0
ENSG000001003DYE19P	unprocessε	chr7	5031608	5037831	-	0	0
ENSG00000111-83N9	lincRNA	chr9	1.36E+08	1.36E+08	+	0.03	0.07
ENSG000001003D-2017F	antisense	chr15	64943240	64943672	-	0	0
ENSG000001003D MIR5787	miRNA	chr3	50227436	50227490	+	0	0
ENSG000001003D MIR8088	miRNA	chrX	52336557	52336642	-	0	0
ENSG000001003D RN7SL680F	misc_RNA	chr20	39349094	39349392	-	0	0
ENSG000001003D RP3-425C1	processed	chr6	1.22E+08	1.22E+08	+	0	0
ENSG000001003D FGD5P1	transcribec	chr3	13933056	13937477	+	0.04	0.09
ENSG000001003D PRAG1	protein_co	chr8	8317736	8386498	-	6.87	7.2
ENSG00000111-323F	sense_intrε	chr15	56908312	56908635	-	0	0
ENSG000001003D MIR6503	miRNA	chr11	60209071	60209156	-	0	0
ENSG00000111-697E	lincRNA	chr15	90281858	90282270	+	0.2	0
ENSG00000111-592P	processed	chr3	1.22E+08	1.22E+08	+	0	0
ENSG00000111-329N	processed	chr1	38383838	38384422	-	0	0
ENSG00000111-492C	unprocessε	chrY	6273579	6274065	-	0	0

ENSG00000108410	(Metazoa_S misc_RNA chr18	76840838	76841102	-	2.33	1.71
ENSG00000108411	(C7orf77 protein_co chr7	1.25E+08	1.25E+08	-	0	0
ENSG00000108412	(RP5-1025A lincRNA chr20	25062962	25063591	-	0	0
ENSG00000108413	(ST7-AS1_1 misc_RNA chr7	1.17E+08	1.17E+08	+	0	0
ENSG00000108414	(MIR6868 miRNA chr17	76098019	76098076	-	0	0
ENSG00000108415	(LL22NC03-unprocessed chr22	22087924	22088085	+	0	0
ENSG00000108416	(Metazoa_S misc_RNA chr22	18615581	18615900	+	0	0
ENSG00000108417	(RP11-566K unprocessed chr15	22451209	22455154	+	0	0.18
ENSG00000108418	(RP11-266K lincRNA chr12	8217758	8221115	+	2.75	2.6
ENSG00000108419	(RP11-455F antisense chr16	30110895	30111955	+	0.42	0.5
ENSG00000108420	(ZEB2_AS1_misc_RNA chr2	1.45E+08	1.45E+08	+	0	0
ENSG00000108421	(MIR6124 miRNA chr11	12163683	12163767	+	0	0
ENSG00000108422	(RP11-346J-unprocessed chr5	1E+08	1E+08	-	0.09	0
ENSG00000108423	(MIR1299 miRNA chr9	40929010	40929092	-	0	0
ENSG00000108424	(HIST1H3I protein_co chr6	27871905	27872315	-	0	0
ENSG00000108425	(RP11-401N processed_chr2	69844509	69844933	-	0	0
ENSG00000108426	(RP11-615I2 lincRNA chr16	68591382	68594424	+	0.15	0.2
ENSG00000108427	(CCL18 protein_co chr17	36064280	36072032	+	0	0
ENSG00000108428	(CTC-788C1 unprocessed chr8	93974671	93974776	-	0	0
ENSG00000108429	(RP6-14C6.3 unprocessed chrX	54842014	54842134	+	0	0
ENSG00000108430	(RP11-214K lincRNA chr12	1.24E+08	1.24E+08	+	0.17	0.13
ENSG00000108431	(RP11-318K lincRNA chr9	40767870	40806344	+	0	0
ENSG00000108432	(MIR6770-3 miRNA chr16	18379351	18379410	-	0	0
ENSG00000108433	(RP11-164C antisense chr1	2.07E+08	2.07E+08	-	0	0
ENSG00000108434	(RP11-568J sense_intr chr16	85697335	85697868	-	0.82	0.45
ENSG00000108435	(FCGBP protein_co chr19	39863323	39934626	-	0.07	0.02
ENSG00000108436	(RP4-756H1 processed_chr7	66553805	66554199	-	3.82	2.79
ENSG00000108437	(RP4-564F2 lincRNA chr20	38418483	38419202	-	0	0.1
ENSG00000108438	(U1 snRNA KI270713.1	21861	22024	-	1.72	1.68
ENSG00000108439	(RP11-125A unprocessed chr1	2.26E+08	2.26E+08	-	0	0
ENSG00000108440	(RP11-131L lincRNA chr12	1.18E+08	1.18E+08	+	0	0.14
ENSG00000108441	(HNF1B protein_co chr17	37686432	37745247	-	0	0
ENSG00000108442	(MIR6882 miRNA chr15	74840642	74840707	-	0	0
ENSG00000108443	(CTC-529I1 antisense chr17	16023323	16023653	-	0	0.65
ENSG00000108444	(uc_338 misc_RNA chr2	1.71E+08	1.71E+08	+	0	0
ENSG00000108445	(RP11-844G sense_intr chr15	56248787	56249127	+	0	0
ENSG00000108446	(RP11-126C lincRNA chr18	58659858	58660524	+	0	0
ENSG00000108447	(RP11-486N processed_chr6	1.55E+08	1.55E+08	+	1.15	0
ENSG00000108448	(RP11-429P processed_chr2	47989625	47990526	+	0	0
ENSG00000108449	(CH17-262A sense_intr chr4	149738	150317	+	0	0
ENSG00000108450	(CTD-2281E lincRNA chr8	1296034	1302607	-	0	0
ENSG00000108451	(MIR6862-1 miRNA chr16	28390982	28391051	-	0	0
ENSG00000108452	(CTB-186H2 antisense chr17	35983656	35990270	+	0	0.02
ENSG00000108453	(CTD-3093B processed_chr19	14628599	14628801	+	0	0
ENSG00000108454	(RP5-908M sense_intr chr20	62402236	62405935	-	0.16	0.13

ENSG0000(LA16c-360) lincRNA	chr16	848525	849065	-	0	0
ENSG0000(RP11-666C antisense)	chr16	28553709	28554140	-	0.37	0.21
ENSG0000(RP11-759A) lincRNA	chr15	95990582	96300990	+	0	0
ENSG0000(CTD-2649C antisense)	chr16	22007480	22008062	-	0.12	0.27
ENSG0000(RP11-762J) processed_	chr18	64677796	64677993	-	0	0
ENSG0000(MIR6859-3) miRNA	chr15	1.02E+08	1.02E+08	+	0	0
ENSG0000(PTGER4P2) lincRNA	chr9	41276280	41282846	+	0.09	0.12
ENSG0000(MIR6085) miRNA	chr15	62343029	62343138	+	0	0
ENSG0000(MIR54802) miRNA	chr20	38516563	38516632	+	0	0
ENSG0000(CTD-2026K antisense)	chr15	75639760	75640976	+	0.1	0.32
ENSG0000(MIR7852) miRNA	chr1	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP1-198K1) antisense	chr20	21302731	21303704	-	2.01	2.28
ENSG0000(MIR6809) miRNA	chr2	2.18E+08	2.18E+08	-	0	0
ENSG0000(Metazoa_S_misc_RNA)	chr15	80057425	80057684	-	0	0
ENSG0000(RP11-281H) unprocessε	chr8	5716584	5716804	+	0	0
ENSG0000(CH507-9B2) protein_co	chr21	5130871	5154734	-	3.3	2.49
ENSG0000(RP11-569G) lincRNA	chr9	96106661	96116411	-	0	0
ENSG0000(RP11-240G) lincRNA	chr12	1.17E+08	1.17E+08	+	0	0
ENSG0000(LLNLR-304) processed_	chr19	2013728	2014656	-	0	0
ENSG0000(MIR6130) miRNA	chr21	23079284	23079392	+	0	0
ENSG0000(IGHV3-54) IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-996F) antisense	chr12	29277397	29277882	-	0	0
ENSG0000(RP11-334C) lincRNA	chr17	80149627	80149798	+	0	0
ENSG0000(RP11-846F) unprocessε	chr17	22567423	22568713	-	0	0
ENSG0000(RP11-474P) lincRNA	chr12	46388856	46392126	+	0.1	0.09
ENSG0000(CTC-1337H) lincRNA	chr11	67374416	67374932	+	0	0
ENSG0000(RP11-261P) sense_intrε	chr13	20768876	20769375	-	0.15	0
ENSG0000(RP11-793H) processed_	chr12	53574632	53576103	+	0	0
ENSG0000(C17orf98) protein_co	chr17	38835088	38841455	-	0	0
ENSG0000(CH17-132F) unprocessε	chr2	90309230	90309333	+	0	0
ENSG0000(LINC01730) lincRNA	chr20	3808357	3812434	+	0.07	0.16
ENSG0000(FAM27D1) processed_	chr9	41644430	41644770	-	0	0
ENSG0000(RP11-266L) sense_intrε	chr16	25106569	25107102	-	0.41	1.65
ENSG0000(CH507-24F) lincRNA	chr21	6228966	6267317	-	1.59	1.8
ENSG0000(RP11-440D) unprocessε	chr2	95633850	95636106	+	0	0
ENSG0000(DAOA-AS1) misc_RNA	chr13	1.05E+08	1.05E+08	+	0	0
ENSG0000(RP11-5P18) processed_	chr1	15989140	15989375	-	0	0
ENSG0000(U7) snRNA	chr16	68926894	68926957	-	0	0
ENSG0000(CTD-2062A) processed_	chr5	1.4E+08	1.4E+08	-	0	0
ENSG0000(GS1-54N1C) processed_	chrX	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-322E) lincRNA	chr18	35403996	35406528	-	3.21	3.37
ENSG0000(RP11-295D) processed_	chr16	4433202	4433387	-	0	0
ENSG0000(RP11-353N) antisense	chr17	79952663	79952992	+	0	0
ENSG0000(MIR6718) miRNA	chr18	3885353	3885432	+	0	0
ENSG0000(MIR6804) miRNA	chr19	55230885	55230952	-	0	0

ENSG0000(FAM236A	protein_co	chrX	72938163	72938958	+	0	0
ENSG0000(MIR6508	miRNA	chr21	39447010	39447069	+	0	0
ENSG0000(SNORD115	snoRNA	chr15	25218617	25218698	+	0	0
ENSG0000(CTD-3154N	lincRNA	chr15	74598919	74599397	-	0.32	0
ENSG0000(SNORD116	snoRNA	chr15	25059538	25059633	+	0	0
ENSG0000(CTB-58E17	antisense	chr17	38703480	38706261	-	0.63	0.34
ENSG0000(RNVU1-19	snRNA	chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(CTC-559E9	unprocessε	chr19	19740884	19750127	+	0	0
ENSG0000(RP11-455C	lincRNA	chr17	81339183	81339691	-	0.58	0.16
ENSG0000(CTD-2293H	unprocessε	chr19	37024886	37025254	-	0	0
ENSG0000(STPG3-AS1	antisense	chr9	1.37E+08	1.37E+08	-	0.33	0.37
ENSG0000(RP4-744I24	processed_	chr6	37295584	37295742	-	0	0
ENSG0000(CH17-302N	antisense	chr14	22595808	22598946	-	0	0.04
ENSG0000(ELOA3C	protein_co	chr18	46968695	46969912	-	0	0
ENSG0000(RP11-353N	lincRNA	chr1	1.5E+08	1.5E+08	+	0	0.22
ENSG0000(RN7SKP17!	misc_RNA	chr8	1.44E+08	1.44E+08	+	0.77	0
ENSG0000(DLEU2_6	misc_RNA	chr13	50081843	50081978	+	0	0
ENSG0000(RP11-180N	sense_intrε	chr12	12718973	12719521	+	0.79	1.88
ENSG0000(RP11-3K24	unprocessε	chr17	60256720	60258411	+	0	0
ENSG0000(CTD-2311B	antisense	chr14	18977180	18980742	-	0	0
ENSG0000(RP11-729I1	sense_intrε	chr12	21828360	21828564	-	0	0
ENSG0000(RP11-930C	antisense	chr14	56305838	56306394	+	0.13	0.14
ENSG0000(GRIFIN	protein_co	chr7	2474844	2476894	-	0	0
ENSG0000(RP5-836N1	sense_intrε	chr20	32116171	32116629	+	0	0
ENSG0000(RP11-357E	unprocessε	chrY	17705968	17708185	-	0	0
ENSG0000(RP11-295H	lincRNA	chr15	49343608	49344254	+	0.31	0
ENSG0000(RP4-681N2	antisense	chr20	3921279	3923400	-	0	0
ENSG0000(CH17-118C	transcribec	chr1	1.21E+08	1.21E+08	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr7	1.49E+08	1.49E+08	+	0.82	0.96
ENSG0000(RN7SL341F	misc_RNA	chr2	64817378	64817675	+	0	0
ENSG0000(HOTAIR_2	misc_RNA	chr12	53963629	53963697	+	0	0
ENSG0000(XKR5	protein_co	chr8	6808517	6835644	-	0	0
ENSG0000(VN1R7P	processed_	chr21	10357400	10358620	+	0	0
ENSG0000(RP11-1378	unprocessε	chr2	87980714	87992858	-	0	0
ENSG0000(CMB9-14B:	processed_	chr11	63469376	63470944	+	0	0
ENSG0000(AC011330.	sense_intrε	chr15	43642389	43643023	-	0.32	1.18
ENSG0000(RP11-802C	processed_	chr3	58379217	58379525	-	0	0
ENSG0000(KB-1572G7	processed_	chr22	23610329	23610538	+	0	0
ENSG0000(DUX4L21	unprocessε	chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-291I6	sense_intrε	chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-35J1(sense_intrε	chr11	7698951	7699393	-	0	0
ENSG0000(CTD-3194C	lincRNA	chr17	36722583	36726340	+	0	0
ENSG0000(RP11-12A2	unprocessε	chr9	67714723	67714914	+	0	0
ENSG0000(U2	snRNA	chr17	43239921	43240111	-	0.28	0
ENSG0000(FLJ16779	antisense	chr20	63253978	63261615	+	0	0.02

ENSG00000100000	FTX_4	misc_RNA	chrX	74281703	74281849	+	0	0
ENSG00000100000	RP11-144A	lincRNA	chr9	60918581	60927822	-	0	0
ENSG00000100000	RP6-65G23	lincRNA	chr14	70822004	70823984	+	0	0
ENSG00000100000	U1	snRNA	chr21	9646825	9647000	+	0	0
ENSG00000100000	RP5-967N2	lincRNA	chr20	6000418	6000941	+	0.14	0.15
ENSG00000100000	PART1_2	misc_RNA	chr5	60488078	60488327	+	0	0
ENSG00000100000	U7	snRNA	chr22	23137805	23137864	-	0	0
ENSG00000100000	RP11-521C	lincRNA	chr15	40078892	40079347	+	0	0
ENSG00000100000	RP11-16E2	antisense	chr15	65655620	65656085	-	0.17	0.18
ENSG00000100000	MIR6793	miRNA	chr19	10828973	10829035	+	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr19	1724115	1724395	+	0	0
ENSG00000100000	RBM22P6	processed	chrX	52485046	52485912	-	0	0
ENSG00000100000	RP11-817C	antisense	chr15	75346744	75347161	-	0.2	0.22
ENSG00000100000	SMAD5-AS	misc_RNA	chr5	1.36E+08	1.36E+08	+	0	0
ENSG00000100000	RP11-209D	processed	chr4	1.29E+08	1.29E+08	+	0	0
ENSG00000100000	RP11-286C	lincRNA	chr9	42231811	42354454	+	0	0
ENSG00000100000	MIR6851	miRNA	chr9	33467869	33467935	-	0	0
ENSG00000100000	MIR6796	miRNA	chr19	40369846	40369907	+	0	0
ENSG00000100000	RP11-435I1	unprocess	chr16	28451644	28455356	+	0	0
ENSG00000100000	RN7SL313F	misc_RNA	chr2	97100587	97100874	+	0	0
ENSG00000100000	RFPL3-AS1	misc_RNA	chr22	32188400	32188487	-	0	0
ENSG00000100000	H19_3	misc_RNA	KI270721.1	52895	53010	+	0	0
ENSG00000100000	SNORD112	snoRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	HIST1H4G	protein_co	chr6	26246681	26246977	-	0	0
ENSG00000100000	pRNA	misc_RNA	chr21	8205851	8205940	+	0	0
ENSG00000100000	CTB-58E17	antisense	chr17	38715328	38720272	-	0	0.14
ENSG00000100000	KCNQ1OT1	misc_RNA	chr11	2652099	2652562	+	0	0
ENSG00000100000	MIR6839	miRNA	chr7	64679064	64679176	+	0	0
ENSG00000100000	MIR6744	miRNA	chr11	1256605	1256670	+	0	0
ENSG00000100000	MIR8076	miRNA	chr3	1.13E+08	1.13E+08	-	0	0
ENSG00000100000	GATM-AS1	antisense	chr15	45378700	45380123	+	0.61	0.78
ENSG00000100000	RP11-876N	sense_intr	chr16	10934258	10934887	-	0.54	0.12
ENSG00000100000	RP11-697E	protein_co	chr15	90266317	90314499	+	0	0
ENSG00000100000	RP11-1021	unprocess	chr10	38068449	38068694	-	0	0
ENSG00000100000	RP11-101E	lincRNA	chr9	61229913	61231863	-	0	0
ENSG00000100000	RP4-547N1	sense_intr	chr1	67121605	67123956	-	0.05	0.05
ENSG00000100000	Metazoa_S	misc_RNA	chr17	58951185	58951513	+	0	0
ENSG00000100000	LLOXNC01-	unprocess	chrX	21841794	21841961	-	0	0
ENSG00000100000	CCL15-CCL	protein_co	chr17	35983656	36001621	-	0	0
ENSG00000100000	FAS-AS1	misc_RNA	chr13	21126271	21126396	-	0	0
ENSG00000100000	RP11-249C	protein_co	chr16	56676132	56677763	+	0	0
ENSG00000100000	MIR6724-4	miRNA	chr21	8432530	8432621	+	0	0
ENSG00000100000	FAS-AS1	misc_RNA	chr10	88992370	88992539	+	0	1.83
ENSG00000100000	UBE2Q2P6	transcribec	chr15	82445719	82454837	+	0.76	0.66
ENSG00000100000	Metazoa_S	misc_RNA	chr3	1.87E+08	1.87E+08	-	0	0

ENSG0000(AATF	protein_co	chr17	36948875	37056871	+	17.58	14.27
ENSG0000(U47924.32	lincRNA	chr12	6899752	6900212	+	0.34	0
ENSG0000(MIR3648-1	miRNA	chr21	8208473	8208652	+	0	0
ENSG0000(RP11-96O2	lincRNA	chr15	45585757	45586304	-	0	0.29
ENSG0000(RP11-257C	antisense	chr17	54964474	54964679	+	0	0
ENSG0000(MIR6795	miRNA	chr19	15179283	15179350	-	0	0
ENSG0000(HIST1H2B	protein_co	chr6	26251651	26253710	+	0.08	0.06
ENSG0000(HIST1H3A	protein_co	chr6	26020490	26020900	+	0.2	0
ENSG0000(RP3-344J2	processed_ch	6	1E+08	1E+08	-	0	0
ENSG0000(CCL15	protein_co	chr17	35996440	36002038	-	0	0
ENSG0000(CTB-147N1	antisense	chr19	46787815	46789043	+	1.49	1.16
ENSG0000(CTB-75G16	lincRNA	chr17	36634069	36634698	+	0.11	0.12
ENSG0000(LYZL6	protein_co	chr17	35934518	35943699	-	0	0
ENSG0000(RP11-244C	processed_ch	11	44656771	44656920	+	0	0
ENSG0000(MIR6088	miRNA	chr19	45436654	45436704	+	0	0
ENSG0000(RP4-777L9.	lincRNA	chr20	16580258	16580622	+	0	0
ENSG0000(RP11-24P2	processed_ch	5	2261859	2262023	+	0	0
ENSG0000(RP11-368I7	antisense	chr16	89684642	89685304	+	0.2	0.11
ENSG0000(RP11-449H	protein_co	chr5	1.46E+08	1.46E+08	+	1.76	1.59
ENSG0000(RP11-40E6	antisense	chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(TRBV14	TR_V_gene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr16	66550457	66550567	+	0	0
ENSG0000(IGHV3-79	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-100G	processed_ch	9	92104425	92105451	+	0	0
ENSG0000(RNA5-8S5	rRNA	KI270733.1	173956	174108	+	13.92	37.54
ENSG0000(RP11-131L	lincRNA	chr12	1.18E+08	1.18E+08	+	0.12	0.39
ENSG0000(C18orf65	lincRNA	chr18	76495521	76498088	+	0.05	0.09
ENSG0000(RP11-582E	lincRNA	chr12	27037100	27038960	+	2.08	1.58
ENSG0000(RP11-54C4	lincRNA	chr5	1.52E+08	1.52E+08	-	1.45	1.59
ENSG0000(CH17-248F	unprocessε	chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(SLC2AXP1	unprocessε	chr2	95196449	95197357	-	0	0
ENSG0000(RP11-771K	sense_intr	chr12	31443792	31444208	-	0	0
ENSG0000(MIR6505	miRNA	chr12	48132797	48132867	+	0	0
ENSG0000(AC140725.	processed_ch	15	1.02E+08	1.02E+08	-	0	0
ENSG0000(LL22NC03-	processed_ch	22	22785643	22787268	-	0	0
ENSG0000(RP11-343D	lincRNA	chr6	60723148	60723898	+	0	0
ENSG0000(HNRNPCL2	protein_co	chr1	13115496	13116854	-	0	0
ENSG0000(RN7SL185F	misc_RNA	chr15	32394365	32394613	-	0	0
ENSG0000(PRH1-PRR4	protein_co	chr12	10845849	11171598	-	0.31	0.29
ENSG0000(RP5-1125A	lincRNA	chr20	33989480	33991818	-	0.37	0.13
ENSG0000(RP11-111E	unprocessε	chr15	63890030	63890317	+	0	0
ENSG0000(OR7G15P	unprocessε	chr19	9122160	9122492	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr13	30684029	30684278	-	0	0.56
ENSG0000(MIR8064	miRNA	chr3	52846463	52846552	-	0	0
ENSG0000(TRBV10-3	TR_V_gene	chr7	1.43E+08	1.43E+08	+	0	0

ENSG0000(RIMBP3	protein_co	chr22	18605815	18611919	-	0.46	0.58
ENSG0000(AP001059.	lincRNA	chr21	44244545	44244993	+	0	0
ENSG0000(EIF5P2	unprocessε	chrX	19496378	19497721	-	0	0
ENSG0000(RP11-404F	unprocessε	chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(RN7SL736F	misc_RNA	chr15	90293939	90294207	+	0	0
ENSG0000(RP11-349H	sense_intrc	chr18	26565723	26575626	-	0	0
ENSG0000(RP11-1348	antisense	chr16	28822431	28823969	-	0.74	0.41
ENSG0000(Metazoa_S	misc_RNA	chr16	59004213	59004494	+	0	0
ENSG0000(MIR8082	miRNA	chr4	1.13E+08	1.13E+08	+	0	0
ENSG0000(HTR1DP1	processed_	chr12	1151810	1153059	-	0	0
ENSG0000(RP4-697K1	antisense	chr20	63543411	63543738	+	0	0
ENSG0000(MIR6500	miRNA	chr1	51060018	51060103	+	0	0
ENSG0000(MIR6818	miRNA	chr22	30007049	30007113	+	0	0
ENSG0000(DLEU2_3	misc_RNA	chr1	63549294	63549366	-	0	0
ENSG0000(RP11-756P	processed_	chr4	1.89E+08	1.89E+08	+	0	0
ENSG0000(RP11-1O2.	processed_	chr18	75927836	75928004	+	0	0
ENSG0000(RP11-295P	unprocessε	chrY	11412548	11418716	+	0	0
ENSG0000(RP11-403A	lincRNA	chr13	1.1E+08	1.1E+08	-	0	0
ENSG0000(ARHGAP23	protein_co	chr17	38419280	38512392	+	21.39	21.71
ENSG0000(RP11-479C	unprocessε	chr7	65764535	65768306	+	0	0
ENSG0000(RP11-440E	processed_	chr7	96306810	96306874	+	0	0
ENSG0000(TUBGCP5	protein_co	chr15	22983192	23039673	-	8.07	5.39
ENSG0000(MIR6068	miRNA	chr1	63326925	63326984	-	0	0
ENSG0000(CTC-421K2	processed_	chr17	37454171	37454931	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr22	21396273	21396590	-	0.95	0
ENSG0000(MIR941-5	miRNA	chr20	63919868	63919939	+	0	0
ENSG0000(RP11-457M	lincRNA	chr6	26602733	26606661	+	0.02	0
ENSG0000(RP11-543P	sense_intrc	chr12	3171657	3174056	+	0	0
ENSG0000(LINC01742	lincRNA	chr20	58003904	58004648	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr7	55731100	55731403	+	0	0
ENSG0000(RP11-278C	sense_intrc	chr12	32736930	32737660	-	0.18	0.59
ENSG0000(ZNRD1-AS1	misc_RNA	chr6	30058115	30058190	+	0	0
ENSG0000(AC009133.	antisense	chr16	29804430	29804990	-	0	0
ENSG0000(MIR6720	miRNA	chr6	1390314	1390411	-	0	0
ENSG0000(RP11-178C	unprocessε	chr17	60021072	60022436	+	0	0
ENSG0000(CTB-147N1	processed_	chr19	46809583	46810182	+	0	0
ENSG0000(MIR7975	miRNA	chr19	55123225	55123292	-	0	0
ENSG0000(RP11-17E1	processed_	chrY	8517364	8517748	-	0	0
ENSG0000(MIR8054	miRNA	chr11	23419105	23419190	-	0	0
ENSG0000(AC136612.	protein_co	KI270728.1	933862	936467	-	0	0
ENSG0000(RP11-394C	lincRNA	chr5	1.49E+08	1.49E+08	-	0	0
ENSG0000(PIC SAR	lincRNA	chr21	44999208	45004727	-	0	0
ENSG0000(RP11-613E	processed_	chr7	55741525	55741869	+	0	0
ENSG0000(5_8S_rRNA	rRNA	chr20	30484925	30485076	-	0	0
ENSG0000(RN7SL43P	misc_RNA	chr7	66980120	66980410	+	0	0

ENSG0000(RP11-90L1. antisense	chr13	1.11E+08	1.11E+08	-	0.36	0.47
ENSG0000(Metazoa_S misc_RNA	chr12	62393607	62393880	-	0	0
ENSG0000(IKBKGP1 unprocessε	chrX	1.55E+08	1.55E+08	-	3.12	0
ENSG0000(RP13-516M antisense	chr17	82244770	82245591	+	0.22	0.24
ENSG0000(RP3-453C1 sense_intrε	chr20	45345115	45345823	-	0.19	0.1
ENSG0000(U2AF1L5 protein_co	chr21	6484623	6499261	-	26.12	29.19
ENSG0000(PRSS2 protein_co	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-94C2 lincRNA	chr17	50475819	50478391	+	0.02	0.02
ENSG0000(RP11-497G lincRNA	chr12	1.17E+08	1.17E+08	+	0	0.02
ENSG0000(U3 snoRNA	chr18	26689316	26689529	-	0	0
ENSG0000(Metazoa_S misc_RNA	chr19	16187313	16187566	+	0	0
ENSG0000(RP13-1032 antisense	chr17	81697025	81697714	-	0.58	0.53
ENSG0000(Y_RNA misc_RNA	chr9	67697076	67697187	+	0	0
ENSG0000(KB-1433G4 unprocessε	chr8	1.07E+08	1.07E+08	-	0	0
ENSG0000(XXbac-BPG processed_	chr6	30961403	30962396	-	0	0
ENSG0000(U4atac snRNA	chr16	20823443	20823537	+	0	0
ENSG0000(Metazoa_S misc_RNA	chr16	48432927	48433208	-	0	0
ENSG0000(RP11-680G antisense	chr16	15015828	15016390	-	0.25	0.7
ENSG0000(NPPA-AS1 misc_RNA	chr1	11847442	11847549	+	0	0
ENSG0000(RP11-155N processed_	chr13	98871742	98872005	+	0	0
ENSG0000(RP5-837G1 lincRNA	chr20	55504906	55505215	-	0	0
ENSG0000(MIR6807 miRNA	chr19	58550285	58550376	+	0	0
ENSG0000(RP11-567P sense_intrε	chr16	17445825	17446380	-	0	0
ENSG0000(REXO1L11F processed_	chr8	85733419	85737278	+	0	0
ENSG0000(AC068831. unprocessε	chr15	91031246	91031691	-	0	0
ENSG0000(Y_RNA misc_RNA	chr7	75381638	75381739	+	0	0
ENSG0000(7SK misc_RNA	chr1	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP1-278C1 antisense	chr12	1.2E+08	1.2E+08	+	0	0.11
ENSG0000(uc_338 misc_RNA	chr5	1.31E+08	1.31E+08	-	0	0
ENSG0000(MRPL57P3 processed_	chr3	47028855	47029030	+	0	0
ENSG0000(MIAT_exor misc_RNA	chr22	26672164	26672248	+	0	0
ENSG0000(RP11-104J antisense	chr17	36001419	36011618	+	0	0
ENSG0000(EIF3FP1 processed_	chr21	10330732	10331537	+	0	0
ENSG0000(mascRNA-r sRNA	chr11	65445541	65445598	+	0	0
ENSG0000(MIR6724-1 miRNA	chr21	8205315	8205406	+	0	0
ENSG0000(RP11-753G processed_	chr6	1.27E+08	1.27E+08	-	0	0
ENSG0000(TBC1D3F protein_co	chr17	36428618	36439566	-	0	0
ENSG0000(RP5-966M processed_	chr3	52732547	52733867	+	0	0
ENSG0000(uc_338 misc_RNA	chr20	52482801	52482991	-	0	0
ENSG0000(RP11-362I1 processed_	chr4	44994426	44996022	+	0	0
ENSG0000(RN7SL210F misc_RNA	chr2	96004563	96004850	-	0	0
ENSG0000(RP11-180M lincRNA	chr12	12648939	12649713	+	0	0
ENSG0000(RP11-61K9 lincRNA	chr13	19863858	19865048	+	1.89	2.57
ENSG0000(RP11-386M antisense	chr15	92634305	92634665	+	0	0
ENSG0000(RP11-1055 lincRNA	chr17	81345476	81345966	-	0.46	1.36

ENSG0000(MIR6880	miRNA	chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(DAOA-AS1	misc_RNA	chr13	1.05E+08	1.05E+08	+	0	0
ENSG0000(SPATA31A:	protein_co	chr9	66986304	66992583	-	0	0
ENSG0000(RMST_6	misc_RNA	chr12	97530656	97530858	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chrX	71368666	71368968	+	0	0
ENSG0000(SPDYE11	transcribec	chr7	73048055	73057911	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr14	34659564	34659878	-	0.83	0.36
ENSG0000(RP11-113D	processed_	chr9	21135598	21136350	-	0	0
ENSG0000(AC018816.	misc_RNA	chr3	4750333	4750685	+	0	0
ENSG0000(Y_RNA	misc_RNA	chr17	19649494	19649587	-	0	0
ENSG0000(U1	snRNA	KI270713.1	30437	30580	-	0	0
ENSG0000(RP11-365P	unprocessε	chr13	1.11E+08	1.11E+08	-	0	0
ENSG0000(RN7SL327F	misc_RNA	chr15	75292706	75292928	+	0	0
ENSG0000(CH507-42P	protein_co	chr21	6111134	6123739	+	1.97	2.45
ENSG0000(SNORA24	snoRNA	chr4	1.18E+08	1.18E+08	+	4.95	4.26
ENSG0000(CTD-2240J:	lincRNA	chr15	81403026	81403570	+	0.13	0
ENSG0000(SNORD27	snoRNA	chr11	62855012	62855083	-	0	0
ENSG0000(RP11-216P	processed_	chr17	1155966	1156175	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr19	50258443	50258722	+	0	0
ENSG0000(FAM13A-A	misc_RNA	chr4	88723209	88723316	+	0	0
ENSG0000(REXO1L12F	processed_	chr8	85714922	85715833	+	0	0
ENSG0000(RP11-358L:	sense_intrε	chr16	78123243	78124332	+	0.11	0
ENSG0000(RP11-397C	antisense	chr13	1.02E+08	1.02E+08	+	0.95	0.21
ENSG0000(RN7SL301F	misc_RNA	chr17	36110150	36110447	+	0	0
ENSG0000(KCNQ10T1	misc_RNA	chr11	2697851	2698076	+	0	0
ENSG0000(AC007325.	protein_co	KI270734.1	72411	74814	+	0	0.06
ENSG0000(HULC	misc_RNA	chr6	8653558	8653797	+	0	0
ENSG0000(DUSP14	protein_co	chr17	37489831	37513501	+	18.49	15.6
ENSG0000(RP4-545L1:	antisense	chr20	1117847	1118450	-	0	0
ENSG0000(RNU12	snRNA	chr22	42615244	42615393	+	0	0
ENSG0000(MIR4477A	miRNA	chr9	41233755	41233835	+	0	0
ENSG0000(CTD-2027I:	lincRNA	chr19	24146701	24147081	+	0	0
ENSG0000(RN7SL197F	misc_RNA	chr20	49721949	49722247	+	0	0
ENSG0000(RP11-12A2	unprocessε	chr9	67723736	67724105	+	0	0
ENSG0000(RNA5SP44:	rRNA	chr17	38731802	38731920	-	0	0
ENSG0000(RP11-395E	processed_	chr9	66962271	66962348	+	0	0
ENSG0000(SPATA31A:	protein_co	chr9	61190003	61196280	+	0	0
ENSG0000(UHRF1	protein_co	chr19	4903080	4962154	+	0.73	0.47
ENSG0000(ORAI1	protein_co	chr12	1.22E+08	1.22E+08	+	4.62	4.65
ENSG0000(DUX4L13	unprocessε	chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(RN7SL711F	misc_RNA	chr5	1.23E+08	1.23E+08	+	0	0
ENSG0000(Six3os1_5	misc_RNA	chr2	44937426	44937696	+	0	0
ENSG0000(IGKV2OR2-	IG_V_pseu	chr2	97331533	97331843	-	0	0
ENSG0000(RP11-378E	sense_intrε	chr17	37386886	37387926	+	0.3	0.3
ENSG0000(CLRN1-AS1	misc_RNA	chr3	1.51E+08	1.51E+08	+	0	0

ENSG0000(TUG1_2	misc_RNA	chr22	30971296	30971382	+	0	0
ENSG0000(STMN1P1	processed_ch	chr12	31715342	31715781	-	0	0
ENSG0000(RP11-817G	lincRNA	chr14	69154311	69154804	+	0	0
ENSG0000(RP11-274E	processed_ch	chr6	77343557	77343654	+	0	0
ENSG0000(RP11-260N	transcribed	chr7	1.35E+08	1.35E+08	-	0.16	0.06
ENSG0000(CCL4L2	protein_co	chr17	36210924	36212878	+	0	0
ENSG0000(CTD-3234P	lincRNA	chr19	36668102	36669404	+	0.04	0.15
ENSG0000(RP5-1125A	lincRNA	chr20	33985617	33988989	-	0.08	0.23
ENSG0000(SOX2OT_e	misc_RNA	chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(CTD-2012K	antisense	chr16	67517862	67528675	-	1.69	1.55
ENSG0000(CH507-152	protein_co	chr21	6560714	6564489	+	0	0
ENSG0000(CH507-254	lincRNA	chr21	7430659	7469007	+	2.69	2.94
ENSG0000(MIR7156	miRNA	chr1	77060143	77060202	+	0	0
ENSG0000(MIR7976	miRNA	chr3	1.28E+08	1.28E+08	-	0	0
ENSG0000(CCL3L3	protein_co	chr17	36194869	36196758	-	0	0.09
ENSG0000(RP11-507M	protein_co	chr2	24124366	24190436	+	0	0
ENSG0000(RN7SL620F	misc_RNA	chr17	16710059	16710361	+	0	0
ENSG0000(DLEU1_1	misc_RNA	chr13	50082295	50082484	+	4.92	4.25
ENSG0000(RP11-734B	sense_intr	chr18	68721082	68721560	+	0	0
ENSG0000(RP5-1017F	lincRNA	chr20	60083360	60083872	-	0	0
ENSG0000(SNORA70	snoRNA	chr9	41573512	41573606	-	0	0
ENSG0000(LINC01663	lincRNA	chr22	18873543	18894407	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr16	4756338	4756633	+	0	0
ENSG0000(AC006538.	sense_intr	chr19	2700689	2701266	-	0	0
ENSG0000(CTD-2345H	processed_ch	chr5	29516005	29516504	+	0	0
ENSG0000(ST7-OT4_3	misc_RNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(RP11-455C	antisense	chr17	81251194	81251803	+	0.45	0.75
ENSG0000(MIR6747	miRNA	chr11	62567011	62567071	-	0	0
ENSG0000(U4	snRNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG0000(KCNQ10T1	misc_RNA	chr11	2674097	2674292	+	0	0
ENSG0000(CTD-2033D	sense_intr	chr15	39586561	39587293	+	6.78	4.52
ENSG0000(RP11-169D	processed_ch	chr11	72551049	72551919	-	0	0
ENSG0000(RP4-790G1	antisense	chr1	1.5E+08	1.5E+08	-	0	0
ENSG0000(RP11-817L	sense_intr	chr12	32352349	32354144	+	0.13	0.21
ENSG0000(FUT8-AS1	antisense	chr14	65411170	65412690	-	18.52	21.08
ENSG0000(CH17-333N	unprocess	chr1	1.43E+08	1.43E+08	+	0	0
ENSG0000(OR13C2	protein_co	chr9	1.05E+08	1.05E+08	-	0	0
ENSG0000(CTD-2008A	lincRNA	chr15	44778196	44778721	-	0	0
ENSG0000(RP11-143E	lincRNA	chr12	1.3E+08	1.3E+08	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr2	1.95E+08	1.95E+08	-	0	0
ENSG0000(MIR6855	miRNA	chr9	1.3E+08	1.3E+08	+	0	0
ENSG0000(RP11-154D	processed_ch	chr6	71251758	71252988	+	0	0
ENSG0000(RP11-459C	lincRNA	chr9	42981772	42988167	+	0.02	0
ENSG0000(RP11-481J	antisense	chr16	58392153	58392807	-	0	0
ENSG0000(FAM27E2	processed_ch	chr9	41648023	41648425	+	1.27	0

ENSG00000195119	RP11-50119	lincRNA	chr12	32000375	32001222	+	0.22	0.78
ENSG00000195120	MIR6133	miRNA	chr7	1.33E+08	1.33E+08	+	0	0
ENSG00000195121	U6	snRNA	chr22	15273855	15273961	+	0	0
ENSG00000195122	ZFAT-AS1	misc_RNA	chr8	1.35E+08	1.35E+08	+	0	0
ENSG00000195123	WHAMMP	transcribed	chr15	22664359	22686213	+	3.34	3.36
ENSG00000195124	ABC12-492	lincRNA	chr12	7115736	7116486	-	0.09	0
ENSG00000195125	MIR548AY	miRNA	chr3	32506283	32506389	-	0	0
ENSG00000195126	RP11-278C	antisense	chr12	32725248	32725660	-	0.2	1.33
ENSG00000195127	RP11-101E	transcribed	chr9	61202718	61203087	-	0	0
ENSG00000195128	TTC28-AS1	misc_RNA	chr22	27922022	27922178	+	1.18	0
ENSG00000195129	RP11-491H	unprocessed	chr6	45097496	45097976	+	0	0
ENSG00000195130	MIR1264	miRNA	chrX	1.15E+08	1.15E+08	+	0	0
ENSG00000195131	GGTLC5P	unprocessed	chr22	18340145	18345899	+	0	0
ENSG00000195132	SNORA17B	snoRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000195133	MIR5739	miRNA	chr22	28459869	28459948	+	0	0
ENSG00000195134	DUX4L20	unprocessed	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000195135	CTD-2600C	antisense	chr16	57759358	57760024	+	0	0
ENSG00000195136	RN7SL1	misc_RNA	chr14	49586580	49586878	+	57.11	76.28
ENSG00000195137	MIR6871	miRNA	chr20	41169023	41169078	+	0	0
ENSG00000195138	AC124789	processed	chr17	38450394	38452444	-	1.41	1.01
ENSG00000195139	ELMO2P1	transcribed	chr15	23083094	23121324	+	0	0
ENSG00000195140	RP11-687E	sense_intronic	chr18	42052705	42053030	+	0	0
ENSG00000195141	MIR6090	miRNA	chr11	1.29E+08	1.29E+08	+	0	0
ENSG00000195142	Y_RNA	misc_RNA	chr7	72983360	72983461	-	0	0
ENSG00000195143	DLG2-AS1	misc_RNA	chr11	84890744	84890961	+	0	0
ENSG00000195144	HIST1H4I	protein_coding	chr6	27138588	27139881	+	0	0.05
ENSG00000195145	MIR6794	miRNA	chr19	12852260	12852327	+	0	0
ENSG00000195146	RP11-872J	sense_intronic	chr14	96537170	96537904	+	0.36	0.59
ENSG00000195147	U6	snRNA	chr13	18418526	18418632	+	0	0
ENSG00000195148	TP53TG1_2	misc_RNA	chr7	87345305	87345486	+	0	0
ENSG00000195149	RP11-173P	lincRNA	chr12	1.21E+08	1.21E+08	+	0	0
ENSG00000195150	TP73-AS1	misc_RNA	chr1	3736943	3737103	+	0	0
ENSG00000195151	Metazoa_S	misc_RNA	chr8	1.34E+08	1.34E+08	-	0	0
ENSG00000195152	pRNA	misc_RNA	GL000220	105287	105376	+	0	0
ENSG00000195153	RN7SL820F	misc_RNA	chr2	1.96E+08	1.96E+08	+	0	0
ENSG00000195154	Metazoa_S	misc_RNA	chr17	77014880	77015138	+	0	0.42
ENSG00000195155	ANKRD20A	protein_coding	chr9	66106815	66153135	-	0	0.02
ENSG00000195156	RP11-203I	processed	chr9	67328207	67329404	-	0	0
ENSG00000195157	RP11-529C	unprocessed	chrX	1.31E+08	1.31E+08	-	0	0
ENSG00000195158	CTD-3093N	unprocessed	chr19	54031412	54031504	+	0	0
ENSG00000195159	RP11-168J	unprocessed	chr13	58377513	58377774	+	0	0
ENSG00000195160	LINC00226	lincRNA	chr14	1.06E+08	1.06E+08	+	0	0
ENSG00000195161	Metazoa_S	misc_RNA	chr7	1.52E+08	1.52E+08	-	0	0
ENSG00000195162	CTD-2146C	processed	chr5	59314110	59314800	+	0	0
ENSG00000195163	CH17-373J	lincRNA	chr1	1.45E+08	1.45E+08	+	0	0.89

ENSG00000168057	MIR8057	miRNA	chr18	26591467	26591535	-	0	0
ENSG00000168101	RP4-781B1	sense_intr	chr20	44746642	44747201	+	1.4	0.84
ENSG00000168102	MEG8_1	misc_RNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000168103	Six3os1_3	misc_RNA	chr2	44935294	44935368	+	0	0
ENSG00000168104	PIK3R6	protein_co	chr17	8802723	8867677	-	0	0
ENSG00000168105	SCARNA10	sense_intr	chr12	6510275	6510522	+	0	0
ENSG00000168106	PART1_3	misc_RNA	chr5	60546219	60546349	+	0	0
ENSG00000168107	TADA2A	protein_co	chr17	37406874	37479730	+	4.6	4.61
ENSG00000168108	OR4E1	processed_	chr14	21669990	21670935	-	0	0
ENSG00000168109	CTB-91J4.1	antisense	chr17	36116177	36177510	+	0	0
ENSG00000168110	RP11-230F	sense_intr	chr13	1.14E+08	1.14E+08	+	0.76	0.7
ENSG00000168111	CTD-2349P	antisense	chr17	30803654	30804077	+	0	0.21
ENSG00000168112	CTB-3204.1	lincRNA	chr19	29220864	29221666	+	0	0
ENSG00000168113	RP5-881P1	lincRNA	chr1	2.28E+08	2.28E+08	-	0.06	0.02
ENSG00000168114	AC011043.1	protein_co	GL000195	42939	49164	-	0.42	0.52
ENSG00000168115	RP11-327I2	processed_	chr9	66084804	66085031	+	0	0
ENSG00000168116	RP11-481J1	antisense	chr16	58522970	58523842	+	0.64	0.42
ENSG00000168117	RP11-1060	antisense	chr12	27700066	27700574	+	0.73	0.32
ENSG00000168118	CH17-80A1	lincRNA	chr9	40611252	40622155	-	0.07	0
ENSG00000168119	RP11-403A	lincRNA	chr13	1.1E+08	1.1E+08	-	0	0
ENSG00000168120	MIR6799	miRNA	chr19	49791866	49791934	+	0	0
ENSG00000168121	RP11-121C	lincRNA	chr12	56411944	56413190	-	0	0.05
ENSG00000168122	RP11-366N	processed_	chr9	42213841	42213918	-	0	0
ENSG00000168123	RP11-182J1	antisense	chr15	84622015	84623237	-	0.45	0.97
ENSG00000168124	RN7SL126F	misc_RNA	chr2	85567662	85567960	-	0	0
ENSG00000168125	RP11-210K	sense_intr	chr18	31895745	31896410	-	0.71	0
ENSG00000168126	KCNE1B	protein_co	chr21	7816675	7829926	-	0	0.04
ENSG00000168127	RBBP4P3	processed_	chr6	60873360	60874642	-	0	0
ENSG00000168128	FRG1HP	transcribed	chr9	40992249	41218410	+	22.3	22.09
ENSG00000168129	RP11-33N1	antisense	chr12	1.18E+08	1.18E+08	+	0	0
ENSG00000168130	PIP4K2B	protein_co	chr17	38765689	38800126	-	17.53	16.74
ENSG00000168131	CTC-575C1	unprocess	chr19	20330121	20331517	+	0	0
ENSG00000168132	LLOXNC01	unprocess	chrX	1.04E+08	1.04E+08	+	0	0
ENSG00000168133	RP5-874C2	protein_co	chr6	28267121	28281580	+	0.18	0.22
ENSG00000168134	PISRT1	misc_RNA	chr3	1.39E+08	1.39E+08	+	0	0
ENSG00000168135	RP11-116D	lincRNA	chr12	1.15E+08	1.15E+08	-	0.27	0.36
ENSG00000168136	RN7SKP25	misc_RNA	chr5	68970439	68970752	-	0	0
ENSG00000168137	MIR6511A	miRNA	chr16	16368876	16368942	+	0	0
ENSG00000168138	pRNA	misc_RNA	KI270733.1	167218	167307	+	0	0
ENSG00000168139	SNORD107	snoRNA	chr15	24981994	24982068	+	0	0
ENSG00000168140	OR8G7P	unprocess	chr11	1.24E+08	1.24E+08	+	0	0
ENSG00000168141	RP11-93B1	antisense	chr20	62651272	62652186	-	0.23	0.5
ENSG00000168142	GTF2IP8	unprocess	chr18	14695422	14706597	+	0	0
ENSG00000168143	MIR8079	miRNA	chr13	44196129	44196200	-	0	0
ENSG00000168144	MIR2909	miRNA	chr17	37033745	37033813	+	0	0

ENSG0000(CTD-2007F processed_ chr5	38197432	38198148	+	0	0
ENSG0000(AL133243.: sense_intr chr2	32521927	32523547	+	0.32	0.42
ENSG0000(RP11-106D sense_intr chr16	87470370	87474370	-	0.02	0
ENSG0000(AC004556. protein_co KI270721.1	2585	11802	+	0.26	0
ENSG0000(RP11-395E lincRNA chr9	66979132	66988373	+	0	0
ENSG0000(MIR6858 miRNA chrX	1.54E+08	1.54E+08	+	0	0
ENSG0000(H19_2 misc_RNA KI270721.1	52666	52734	+	0	0
ENSG0000(MIR668 miRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA chr8	54130582	54130860	+	0	0
ENSG0000(Metazoa_S misc_RNA chr1	1.65E+08	1.65E+08	-	0	0
ENSG0000(RP11-241N unprocessε chr2	84850711	84851148	+	0	0
ENSG0000(MIR145 miRNA chr5	1.49E+08	1.49E+08	+	0	0
ENSG0000(U3 snoRNA chr2	2.4E+08	2.4E+08	+	0	0
ENSG0000(HIST1H2AJ protein_co chr6	27814354	27814740	-	0	0
ENSG0000(RP11-339B unprocessε chr10	1.3E+08	1.3E+08	-	0.09	0.19
ENSG0000(U7 snRNA chr15	90076424	90076486	+	0	0
ENSG0000(UBE2NL polymorph chrX	1.44E+08	1.44E+08	+	0	0
ENSG0000(RP11-186B antisense chr17	7557820	7558245	-	0	0.84
ENSG0000(RP5-859I17 processed_ chr20	8934984	8935481	-	0	0
ENSG0000(CNTNAP3P unprocessε chr9	67059560	67293468	+	0.93	0.68
ENSG0000(RP11-424E unprocessε chr9	1.38E+08	1.38E+08	+	0	0
ENSG0000(RP1-197B1 sense_intr chr12	47699401	47699917	-	0	0.16
ENSG0000(RP5-928E2 processed_ chrX	85207187	85210649	+	0	0
ENSG0000(RP11-106D unprocessε chr16	87467138	87467654	+	0	0
ENSG0000(Metazoa_S misc_RNA chr4	1.39E+08	1.39E+08	+	0	0
ENSG0000(LINC01879 lincRNA chr18	76690029	76693636	+	0	0
ENSG0000(RMST_9 misc_RNA chr12	97560856	97561048	+	0	0
ENSG0000(FLJ36000 lincRNA chr17	22406019	22413744	+	0	0
ENSG0000(VN1R9P processed_ chr22	17021398	17022570	-	0	0
ENSG0000(RP11-1151 lincRNA chr18	58476191	58477484	+	0	0
ENSG0000(MIR6835 miRNA chr6	34240673	34240736	+	0	0
ENSG0000(TRBV13 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-78O7 lincRNA chr17	19868568	19868689	+	0	0
ENSG0000(RP11-407B lincRNA chr3	1.94E+08	1.94E+08	+	0	0
ENSG0000(RP11-490B lincRNA chr16	75556392	75557059	+	0.2	0
ENSG0000(CCL14 protein_co chr17	35983291	35987004	-	0	0
ENSG0000(HIST1H2BB protein_co chr6	26043277	26043657	-	0	0
ENSG0000(RP11-494G lincRNA chr2	11673964	11676925	-	0	0
ENSG0000(RP11-157L: processed_ chr9	41651935	41652172	-	0	0
ENSG0000(RP3-393E1 processed_ chr6	1.6E+08	1.6E+08	+	0	0
ENSG0000(RP11-266K lincRNA chr12	8205984	8207397	+	0.16	0.18
ENSG0000(RP11-26J3. protein_co chr8	79918860	80080775	-	0	0
ENSG0000(RP11-144A lincRNA chr9	60943311	60964185	-	0	0
ENSG0000(uc_338 misc_RNA chr5	91844022	91844116	-	0	0
ENSG0000(IGLL4P unprocessε chr22	20632619	20632751	+	0	0

ENSG0000(AE000660. processed_ chr14	22066016	22066373	+	0	0
ENSG0000(FAM25C protein_co chr10	47995355	47999791	-	0	0
ENSG0000(RP11-776A processed_ chr12	30169881	30170091	-	0	0
ENSG0000(RP11-391H sense_intron chr13	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP11-195L antisense chr13	49792886	49793307	+	0.19	0.43
ENSG0000(5S_rRNA rRNA chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(PVT1_1 misc_RNA chr8	1.28E+08	1.28E+08	+	1.76	3.5
ENSG0000(LLNLR-268I lincRNA chr19	39812972	39813555	-	0	0.8
ENSG0000(AC004076. antisense chr19	57449689	57453011	+	0.05	0
ENSG0000(RP11-493L lincRNA chr12	47265665	47266108	+	0	0
ENSG0000(FKBP4P8 processed_ chr9	66744561	66745929	-	0	0
ENSG0000(RP11-109E unprocessed chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(BX255923. lincRNA chr9	41100794	41106229	-	0.04	0
ENSG0000(RP1-272E8 unprocessed chrX	17897711	17900333	-	0	0
ENSG0000(NPPA-AS1_misc_RNA chr1	11843812	11843984	+	0	0
ENSG0000(RP11-398A lincRNA chr3	72080564	72084641	-	0	0
ENSG0000(CTD-2026J lincRNA chr15	61239906	61240331	+	0	0
ENSG0000(RP11-363G processed_ chrX	52326166	52326762	+	0	0
ENSG0000(RP11-561N processed_ chr7	64590599	64591133	-	0	0
ENSG0000(LINC00540 lincRNA chr13	22040975	22276524	+	0	0
ENSG0000(RP11-65B2 unprocessed chr9	87799501	87821803	-	0	0
ENSG0000(MIR548AZ miRNA chr8	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-1212 unprocessed chr16	18313294	18316984	+	0	0
ENSG0000(RP11-210K processed_ chr18	31883288	31883728	+	0	0
ENSG0000(RP11-417C lincRNA chr12	1.28E+08	1.28E+08	-	0	0
ENSG0000(CTD-2537I antisense chr19	55612490	55613097	-	0.11	0
ENSG0000(MIR6829 miRNA chr3	1.96E+08	1.96E+08	-	0	0
ENSG0000(RP11-400G protein_co chr10	94688154	94853073	+	0	0
ENSG0000(Metazoa_S misc_RNA chr1	32087523	32087813	-	0.38	0
ENSG0000(KCNQ10T1 misc_RNA chr11	2674625	2674740	+	0	0
ENSG0000(HOXA11-A misc_RNA chr7	27186166	27186263	+	0	0
ENSG0000(BMS1P14 lincRNA chr9	40505399	40566281	-	0	0
ENSG0000(RP11-187C lincRNA chr9	41310816	41332962	-	0	0
ENSG0000(CMB9-94B sense_intron chr11	1.17E+08	1.17E+08	-	0.31	0
ENSG0000(RP11-769N processed_ chr4	29010619	29011021	-	0	0
ENSG0000(CTD-3194G lincRNA chr17	36684754	36685129	+	0	0
ENSG0000(CH17-353B lincRNA chr1	1.46E+08	1.46E+08	+	0.17	0.06
ENSG0000(uc_338 misc_RNA chr5	94877599	94877777	-	0	0
ENSG0000(AL133243. sense_intron chr2	32526504	32529507	+	0.12	0.22
ENSG0000(RP11-510J lincRNA chr16	81987948	81989016	+	0	0
ENSG0000(WI2-2118C processed_ chr1	2.49E+08	2.49E+08	+	0	0
ENSG0000(RP11-690D unprocessed chr11	1.03E+08	1.03E+08	-	0	0
ENSG0000(RN7SL462F misc_RNA chr9	61427617	61427877	-	0	0
ENSG0000(RP11-490B antisense chr16	75572185	75572685	-	0	0
ENSG0000(RP11-323F lincRNA chr15	56887107	56888219	+	0	0.52

ENSG000001002591	(Metazoa_S misc_RNA chr20	10025917	10026168	+	0	0
ENSG00000144684	(RP11-442J2 lincRNA chr13	44684487	44715393	-	0	0
ENSG00000127096	(HOTAIRM1 misc_RNA chr7	27096124	27096248	+	0	0
ENSG00000144978	(AP001505. lincRNA chr21	44978832	44979274	+	0.36	0.79
ENSG00000132439	(WT1-AS_6 misc_RNA chr11	32439086	32439206	+	0	0
ENSG00000172483	(RP11-205A unprocessed chr10	72483245	72483812	+	0	0
ENSG00000186050	(Metazoa_S misc_RNA chr17	18605054	18605356	-	0	0
ENSG00000155288	(RP11-139H sense_intronic chr15	55288849	55289346	-	0	0.17
ENSG00000188144	(RP11-345K processed_chr9	88144851	88145850	-	0	0
ENSG00000115E+08	(RP11-545G unprocessed chr7	1.5E+08	1.5E+08	-	0	0
ENSG00000185744	(REXO1L10F processed_chr8	85744543	85748373	-	0	0
ENSG00000189748	(RP11-115D antisense chr4	89748283	89749154	+	0	0
ENSG00000147692	(RN7SL453F misc_RNA chr10	47692399	47692727	-	0	0
ENSG000001141E+08	(PCDHGB9P unprocessed chr5	1.41E+08	1.41E+08	+	0.24	0.24
ENSG00000176639	(Y_RNA misc_RNA chr21	7663911	7664011	-	0	0
ENSG000001141E+08	(PCDHGB5 protein_coding chr5	1.41E+08	1.42E+08	+	3.94	3.79
ENSG00000121401	(CTD-2547E unprocessed chr16	21401089	21401198	+	0	0
ENSG00000122495	(HERC2P2 transcribed chr15	22495570	22590815	+	10.75	10.05
ENSG00000110640	(AF254982. unprocessed chr21	10640028	10640338	-	0	0
ENSG000001143E+08	(TRBV18 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG00000141578	(RN7SL565F misc_RNA chr9	41578903	41579186	+	0	0
ENSG000001178E+08	(RP11-568K processed_chr1	1.78E+08	1.78E+08	+	0	0
ENSG00000114150	(CTA-276F8 lincRNA chr16	14150833	14153235	+	0	0.03
ENSG00000190154	(IGKV1D-13 IG_V_gene chr2	90154073	90154574	+	0	0
ENSG00000169283	(Metazoa_S misc_RNA chr19	6928345	6928629	+	0	0
ENSG00000143179	(RP11-460G processed_chr13	43179501	43181193	-	0.03	0
ENSG00000155227	(CTD-2587H processed_chr19	55227219	55230279	-	0.46	0.58
ENSG00000119694	(AC002550. antisense chr16	19694035	19694428	-	0	0
ENSG00000197435	(RP11-128N sense_intronic chr13	97435946	97436168	+	2.13	0
ENSG00000153195	(MIR6895 miRNA chrX	53195411	53195488	-	0	0
ENSG00000157029	(MRPL30P1 processed_chr6	57029521	57029988	+	0	0
ENSG00000120323	(RNU6-467F snRNA chr17	20323001	20323110	+	0	0
ENSG00000156485	(LLNLR-285I unprocessed chr19	56485923	56494280	-	0	0
ENSG00000166221	(MIR8055 miRNA chr8	6622124	6622220	-	0	0
ENSG00000160914	(SPATA31A1 protein_coding chr9	60914374	60920650	+	0	0
ENSG000001154E+08	(MIR6737 miRNA chr1	1.54E+08	1.54E+08	-	0	0
ENSG00000162397	(RP11-490P unprocessed chr13	62397645	62397916	+	0	0
ENSG00000147581	(RN7SL322F misc_RNA chr19	47581023	47581321	+	0	0
ENSG00000142974	(GXylt1P5 transcribed chr9	42974855	42978320	+	0	0
ENSG00000175203	(PHBP6 processed_chr7	75203926	75204711	+	0	0
ENSG00000149353	(RP11-295H sense_intronic chr15	49353485	49354034	+	0.26	0
ENSG00000143266	(U2 snRNA chr17	43266633	43266823	-	0.28	0
ENSG000001143E+08	(TRBV11-3 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG000001144E+08	(MIR6893 miRNA chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000135746	(RNA5P41: rRNA chr16	35746523	35746636	+	0	0

ENSG0000(RAB7B	protein_co	chr1	2.06E+08	2.06E+08	-	8.79	10.49
ENSG0000(Metazoa_S	misc_RNA	chr17	58785323	58785608	-	0	0
ENSG0000(RP11-425N	sense_intr	chr20	37526642	37527060	-	0.2	1.51
ENSG0000(RP11-793H	processed_	chr8	54354168	54355118	+	0	0
ENSG0000(HOTTIP_1	misc_RNA	chr7	27200465	27200521	+	0	0
ENSG0000(SNORD64	snoRNA	chr15	24985100	24985166	+	0	0
ENSG0000(CH507-9B2	protein_co	chr21	5116343	5133805	-	0.41	0
ENSG0000(RP11-300D	processed_	chr6	1.07E+08	1.07E+08	+	0	0
ENSG0000(MIR6499	miRNA	chr5	1.52E+08	1.52E+08	-	0	0
ENSG0000(RP11-366N	processed_	chr4	1.65E+08	1.65E+08	+	0	0
ENSG0000(7SK	misc_RNA	chr3	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP5-1016A	lincRNA	chr20	60761874	60767279	+	0	0
ENSG0000(CTB-3204.	lincRNA	chr19	29222542	29223137	+	0	0
ENSG0000(RP11-419N	processed_	chr1	1.6E+08	1.6E+08	+	0	0
ENSG0000(AJ011931.1	sense_intr	chr21	45870854	45873345	+	0	0
ENSG0000(CTD-2132H	unprocess	chr11	49067610	49069301	+	0	0
ENSG0000(RP3-333B1	lincRNA	chr20	23489416	23489973	-	0	0
ENSG0000(MIR7154	miRNA	chr11	45691704	45691776	-	0	0
ENSG0000(MIR6769A	miRNA	chr16	4671318	4671390	+	0	0
ENSG0000(U6atac	snRNA	chr1	2.21E+08	2.21E+08	+	0	0
ENSG0000(SNORD45	snoRNA	chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(DACH1	protein_co	chr13	71437966	71867192	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr1	33029232	33029576	-	0	0
ENSG0000(RP1-225L1	processed_	chr21	44686358	44686629	+	0	0
ENSG0000(RP5-858L1	antisense	chr20	1888128	1894374	-	1.18	1.3
ENSG0000(RP11-321E	unprocess	chr7	64425623	64426334	-	0	0
ENSG0000(AC007950.	lincRNA	chr15	63500737	63503083	-	0.05	0.08
ENSG0000(RN7SL856F	misc_RNA	chr2	25058032	25058329	+	0	0
ENSG0000(MIR6083	miRNA	chr3	1.24E+08	1.24E+08	+	0	0
ENSG0000(RP11-631N	unprocess	chr10	147820	148751	-	0	0
ENSG0000(RP11-407G	antisense	chr16	57245832	57246396	-	0	0
ENSG0000(TUG1_1	misc_RNA	chr22	30971005	30971149	+	28.21	32.46
ENSG0000(RP11-471J	unprocess	chr9	19895800	19895973	-	0	0
ENSG0000(RP11-35J1	sense_intr	chr11	7699562	7699988	-	0	0.21
ENSG0000(Metazoa_S	misc_RNA	chr11	86216596	86216878	+	0	0
ENSG0000(Six3os1_7	misc_RNA	chr2	44940045	44940245	+	0	0
ENSG0000(RP11-142E	sense_intr	chr13	33846190	33850825	+	0.07	0.14
ENSG0000(uc_338	misc_RNA	chr8	76733302	76733476	-	0	0
ENSG0000(IGKV1OR1-	IG_V_pseu	chr1	1.44E+08	1.44E+08	+	0	0
ENSG0000(TTC28-AS1	misc_RNA	chr22	28002484	28002595	+	0	0
ENSG0000(GHRLOS	misc_RNA	chr3	10287413	10287482	+	0	0
ENSG0000(HYMAI	misc_RNA	chr6	1.44E+08	1.44E+08	+	0	0
ENSG0000(pRNA	misc_RNA	chr8	46028804	46028892	-	0	0
ENSG0000(RP5-1077H	lincRNA	chr6	905445	909006	-	0	0
ENSG0000(RP5-828H9	lincRNA	chr20	5407564	5407876	+	0	0

ENSG0000(RP11-314A processed_ chrX	65786763	65787169	+	0	0
ENSG0000(SOX2OT_e: misc_RNA chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(RP5-1057I2 antisense chr12	47788426	47788971	+	0	0
ENSG0000(RP11-104G processed_ chr9	39873931	39874390	-	0	0
ENSG0000(RP13-977J: lincRNA chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(Y_RNA misc_RNA chr15	56634038	56634167	-	0	0
ENSG0000(RP11-468E lincRNA chr14	24198433	24199090	+	0.31	0.79
ENSG0000(TRAJ36 TR_J_gene chr14	22505110	22505167	+	0	0
ENSG0000(RNA5-8S5 rRNA KI270733.1	128877	129029	+	13.92	37.54
ENSG0000(RP11-3D4.4 antisense chr15	33850538	33851178	-	0	0
ENSG0000(RPS29P32 processed_ chr6	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-128N sense_intron chr13	97437268	97437630	+	0	0
ENSG0000(VIS1 misc_RNA chr2	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-445F antisense chr17	36940049	36943456	-	0	0
ENSG0000(CSPG4P10 transcribed chr15	82459472	82477258	+	1.05	0.92
ENSG0000(U2 snRNA GL000225.	183252	183364	+	0	0
ENSG0000(MIR7111 miRNA chr6	35470508	35470579	+	0	0
ENSG0000(Metazoa_S misc_RNA chr15	62244330	62244595	-	0	0
ENSG0000(YWHAEP7 transcribed chr17	37828305	37884743	-	0	0
ENSG0000(RP11-62C3 unprocessed chr9	92177235	92188652	-	0	0
ENSG0000(RP1-102E2 antisense chr12	6466537	6467135	+	0.23	0.79
ENSG0000(RP11-645C unprocessed chr16	21833516	21833621	+	0	0
ENSG0000(GNAS-AS1_ misc_RNA chr20	58842433	58842546	+	0	0
ENSG0000(Y_RNA misc_RNA chr9	65573384	65573495	+	0	0
ENSG0000(RP11-1000 sense_intron chr15	32583612	32584312	+	6.24	4.05
ENSG0000(RP11-123K antisense chr12	57229498	57230198	-	0	0.21
ENSG0000(AC142472. lincRNA chr17	45146730	45148470	-	0.23	0.5
ENSG0000(Metazoa_S misc_RNA chr19	50019019	50019320	+	0	0
ENSG0000(Hammerhead misc_RNA chr9	36072686	36072762	+	0	0
ENSG0000(MIR7158 miRNA chr2	5974662	5974732	+	0	0
ENSG0000(Metazoa_S misc_RNA chr1	1.93E+08	1.93E+08	-	0	0
ENSG0000(AP001506. processed_ chr21	20597953	20598163	+	0	0
ENSG0000(RP11-381C sense_intron chr13	1.07E+08	1.07E+08	-	0	0
ENSG0000(RP11-500G antisense chr10	1.22E+08	1.22E+08	+	0	0
ENSG0000(CTD-2562C sense_intron chr15	75452964	75453947	-	0.31	0.48
ENSG0000(Metazoa_S misc_RNA chr6	33562880	33563130	-	0	0
ENSG0000(PADI6 protein_coding chr1	17372196	17401699	+	0	0
ENSG0000(MIR6821 miRNA chr22	49962866	49962939	+	0	0
ENSG0000(RP11-461A antisense chr16	3686998	3687380	+	0	0
ENSG0000(RP11-893G unprocessed chr17	36234447	36234554	-	0	0
ENSG0000(CH17-125A transcribed chr1	1.44E+08	1.44E+08	-	0	0
ENSG0000(RN7SL192F misc_RNA chr19	11011708	11012006	+	0	0
ENSG0000(AC010518. unprocessed chr19	54296194	54296252	-	0	0
ENSG0000(RP11-80I3. lincRNA chr9	26066675	26118408	+	0	0
ENSG0000(AC136352. protein_coding KI270727.1	136160	167571	-	0	0

ENSG0000(RP11-381E processed_ chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA chr5	18958147	18958413	-	0	0
ENSG0000(MIR8073 miRNA chr13	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP5-1116H lincRNA chr20	5049857	5050321	-	0	0.37
ENSG0000(MIR6752 miRNA chr11	67490245	67490315	+	0	0
ENSG0000(MIR6780B miRNA chr6	43434542	43434620	+	0	0
ENSG0000(HOTAIRM1 misc_RNA chr7	27098900	27099114	+	0	0
ENSG0000(CTD-2515H lincRNA chr15	57553955	57555680	+	0.03	0.25
ENSG0000(IGHV4-4 IG_V_gene chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-524N lincRNA chr5	1.58E+08	1.58E+08	-	0	0
ENSG0000(Metazoa_S misc_RNA chr14	82429872	82430156	+	0	0
ENSG0000(JPX_2 misc_RNA chrX	73944595	73944663	+	0	0
ENSG0000(WI2-8325B lincRNA chr20	61369879	61370855	+	0	0
ENSG0000(SNORD26 snoRNA chr11	62855292	62855366	-	0	0
ENSG0000(RP11-1081 processed_ chr11	18836304	18837081	+	0	0
ENSG0000(RP11-290H antisense chr17	47279526	47280047	-	0	0.31
ENSG0000(CTD-2270P lincRNA chr16	2777319	2780568	+	0.22	0.18
ENSG0000(RP11-374N processed_ chr9	61912704	61913115	+	0	0
ENSG0000(Metazoa_S misc_RNA chr22	21463963	21464279	+	0	0
ENSG0000(RP11-291L transcribed chr10	38403189	38452153	+	0.89	0.92
ENSG0000(RP11-8P11 lincRNA chr15	73730048	73731711	-	0	0
ENSG0000(RP11-10E1 sense_intronic chr13	95744726	95745765	+	0	0.06
ENSG0000(RP11-19G2 processed_ chr17	37162616	37163139	+	0	0
ENSG0000(RP1-228P1 lincRNA chr12	48039784	48040761	-	0	0.07
ENSG0000(TRBV15 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-252A unprocessed chr16	74393076	74393183	-	0	0
ENSG0000(Metazoa_S misc_RNA chrX	48524480	48524806	+	0	0
ENSG0000(MIR7159 miRNA chr6	33899135	33899200	+	0	0
ENSG0000(RP11-88L2 unprocessed chr2	1.9E+08	1.9E+08	-	0	0
ENSG0000(RP11-473E unprocessed chrY	22861112	22861834	-	0	0
ENSG0000(MIR6730 miRNA chr1	12578957	12579023	-	0	0
ENSG0000(CTD-2105E lincRNA chr19	55338945	55339283	-	0	0
ENSG0000(RP11-187C unprocessed chr9	41341000	41342041	-	0.12	0
ENSG0000(MIR6127 miRNA chr1	22633258	22633366	-	0	0
ENSG0000(Metazoa_S misc_RNA chr1	1.83E+08	1.83E+08	-	0	0.13
ENSG0000(PMS2P10 unprocessed chr7	75288120	75299795	-	0.91	0.79
ENSG0000(RP11-475F unprocessed chr13	70564267	70564437	-	0	0
ENSG0000(RP11-713N antisense chr12	25103124	25103869	-	0	0
ENSG0000(SNORD115 snoRNA chr15	25266591	25266661	+	0	0
ENSG0000(RP11-374N unprocessed chr9	61944232	61945136	-	0	0
ENSG0000(CTD-3220F antisense chr19	37314868	37315620	-	0.43	0.28
ENSG0000(CH17-360E lincRNA chr10	47908064	47991850	-	3.75	2.55
ENSG0000(RP5-875H1 lincRNA chr17	50094065	50094647	+	0	0
ENSG0000(RP11-305C sense_intronic chr12	65171262	65171917	+	0	0
ENSG0000(RP11-478K lincRNA chr13	44196006	44197298	+	0	0

ENSG00000100000	CTD-3157E	lincRNA	chr17	15789016	15789705	+	3.29	3.2
ENSG00000100000	MIR6715A	miRNA	chr10	1.12E+08	1.12E+08	+	0	0
ENSG00000100000	GNAS-AS1	misc_RNA	chr20	58842030	58842132	+	0	0
ENSG00000100000	5S_rRNA	rRNA	chr2	89600571	89600680	+	0	0
ENSG00000100000	CTD-2047H	antisense	chr17	80333841	80334366	-	0	0
ENSG00000100000	MIR7151	miRNA	chr10	67403351	67403410	-	0	0
ENSG00000100000	CTD-2358C	lincRNA	chr16	31704728	31705260	+	0	0
ENSG00000100000	RP11-318K	processed	chr9	40883634	40883763	+	0	0
ENSG00000100000	MIR6729	miRNA	chr1	12029158	12029222	+	0	0
ENSG00000100000	5_8S_rRNA	rRNA	chr22	11249809	11249959	-	0	0
ENSG00000100000	AC171558.	pseudogen	KI270727.1	417283	418206	+	0	0
ENSG00000100000	uc_338	misc_RNA	chr21	39171462	39171560	-	0	0
ENSG00000100000	AC011718.	lincRNA	chr22	18374106	18375689	+	0	0
ENSG00000100000	MIR6074	miRNA	chr12	66023620	66023726	-	0	0
ENSG00000100000	DLEU2_6	misc_RNA	chr1	63548977	63549112	-	0	0
ENSG00000100000	RP11-244H	antisense	chr14	19420975	19425017	+	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr3	72926955	72927237	-	0	0
ENSG00000100000	RN7SL238F	misc_RNA	chr15	28387196	28387485	+	0	0
ENSG00000100000	RP1-93L7.4	processed	chrX	85851575	85851682	-	0	0
ENSG00000100000	RAB28P4	processed	chr9	66641314	66642277	-	0	0
ENSG00000100000	RP11-651H	unprocess	chrX	52409772	52410432	-	0	0
ENSG00000100000	RP11-118H	lincRNA	chr9	67512034	67515393	-	0	0.09
ENSG00000100000	RP11-467L	antisense	chr12	31729117	31731204	+	0.43	0.41
ENSG00000100000	Y_RNA	misc_RNA	chr21	6365955	6366055	+	0	0
ENSG00000100000	HIST1H2AL	protein_co	chr6	27865355	27865747	+	0	0
ENSG00000100000	DUX4L14	unprocess	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	MIR7106	miRNA	chr12	1.13E+08	1.13E+08	-	0	0
ENSG00000100000	RP4-608O1	protein_co	chr1	1.97E+08	1.97E+08	+	0	0
ENSG00000100000	RP4-775C1	processed	chr20	6220330	6220759	+	0	0
ENSG00000100000	RP11-230F	sense_intr	chr13	1.14E+08	1.14E+08	+	0.39	0.65
ENSG00000100000	MIR8080	miRNA	chr2	79866495	79866583	-	0	0
ENSG00000100000	Metazoa_S	misc_RNA	chr11	66374138	66374435	-	0	0
ENSG00000100000	MEG3_2	misc_RNA	chr14	1.01E+08	1.01E+08	+	1.68	0
ENSG00000100000	RP11-321P	lincRNA	chr20	48073869	48074188	+	0.31	0
ENSG00000100000	RP11-708J	processed	chr3	47469777	47469987	+	0	0
ENSG00000100000	MIR6797	miRNA	chr19	41869627	41869698	+	0	0
ENSG00000100000	RP11-483E	unprocess	chr15	28416449	28416674	+	0	0
ENSG00000100000	RP11-266I	unprocess	chrX	55137930	55142433	+	0	0
ENSG00000100000	RP11-161M	sense_intr	chr16	968375	969012	-	0.43	0.47
ENSG00000100000	Y_RNA	misc_RNA	GL000205.	93050	93150	-	0	0
ENSG00000100000	RP11-231E	sense_intr	chr18	74504766	74505248	+	0	0
ENSG00000100000	PLCE1P1	unprocess	chrX	30290047	30290351	-	0	0
ENSG00000100000	MIR4509-1	miRNA	chr15	23197827	23197920	+	0	0
ENSG00000100000	CTC-436P1	unprocess	chr5	61145846	61146376	-	0.14	0.15
ENSG00000100000	RP11-118N	processed	chr2	2.41E+08	2.41E+08	+	0	0

ENSG0000(GSTTP1	protein_co	chr22	23998401	24005453	-	0.03	0
ENSG0000(RP11-11A9	processed_	chr11	3289311	3289642	-	0	0
ENSG0000(RP5-965G2	antisense	chr20	25284915	25285588	-	0	0.11
ENSG0000(TRBV12-4	TR_V_gene	chr7	1.43E+08	1.43E+08	+	0.21	0
ENSG0000(Metazoa_S	misc_RNA	chr15	28524151	28524440	-	0	0
ENSG0000(RN7SL769F	misc_RNA	chr12	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-29B2	lincRNA	chr13	1.03E+08	1.03E+08	-	0.27	0
ENSG0000(RP11-458I4	unprocessε	chr13	25017766	25017903	-	0	0
ENSG0000(RP1-81D8.!	unprocessε	chr6	1.61E+08	1.61E+08	-	0	0
ENSG0000(MIR7848	miRNA	chr8	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-318K	unprocessε	chr9	40755407	40767875	-	0	0
ENSG0000(DUX4L23	unprocessε	chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(TUG1_3	misc_RNA	chr22	30972857	30973093	+	0	0
ENSG0000(HIST1H4E	protein_co	chr6	26204552	26206038	+	0.04	0.04
ENSG0000(RP11-90M	antisense	chr13	48041751	48042184	-	0.19	0
ENSG0000(RP11-116D	lincRNA	chr12	1.15E+08	1.15E+08	-	0	0
ENSG0000(HYDIN2	transcribec	chr1	1.47E+08	1.47E+08	+	0.07	0.07
ENSG0000(CTD-3128C	sense_intrc	chr19	6716386	6717742	-	0.51	0.66
ENSG0000(LA16c-359I	lincRNA	chr16	424243	424543	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr7	1.28E+08	1.28E+08	-	0.52	0.57
ENSG0000(MIAT_exor	misc_RNA	chr22	26673254	26673630	+	0.2	0.38
ENSG0000(RP11-556I1	processed_	chr4	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP11-321M	lincRNA	chr18	75387056	75387596	+	0	0
ENSG0000(RP11-378J	lincRNA	chr1	2.22E+08	2.23E+08	-	3.39	4.89
ENSG0000(REXO1L2P	processed_	chr8	85775106	85779090	-	0	0
ENSG0000(DUSP12P1	unprocessε	chr3	1E+08	1E+08	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr5	91314716	91314997	-	0	0
ENSG0000(RP11-419C	unprocessε	chr16	69975238	69975344	+	0	0
ENSG0000(RNA5SP41	rRNA	chr16	35746772	35746894	+	0	0
ENSG0000(RP11-392C	lincRNA	chr1	2.19E+08	2.19E+08	+	0.04	0.16
ENSG0000(TEX28P2	unprocessε	chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(CH17-128C	unprocessε	chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-616N	antisense	chr16	1223639	1224143	+	0	0
ENSG0000(RP13-895J	lincRNA	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(CTC-526N1	lincRNA	chr19	33906352	33908391	+	0	0
ENSG0000(MIR3179-4	miRNA	chr16	18494493	18494576	-	0	0
ENSG0000(XXbac-B33	lincRNA	chr22	18486999	18491247	-	0	0
ENSG0000(RP11-476H	antisense	chr13	20564708	20567045	-	0.15	0.13
ENSG0000(RP3-453C1	lincRNA	chr20	45435272	45448325	-	0	0
ENSG0000(RP11-347J	transcribec	chr9	39359890	39369105	-	0	0
ENSG0000(RMRP	ribozyme	chr9	35657754	35658017	-	0.94	3.61
ENSG0000(RNU6-119	snRNA	chr17	36404826	36404932	-	0	0
ENSG0000(MIR8071-2	miRNA	chr14	1.06E+08	1.06E+08	+	0	0
ENSG0000(RN7SL796F	misc_RNA	chr15	30560644	30560934	+	0	0
ENSG0000(SNORA71	snoRNA	chr20	38421647	38421774	-	0	6.32

ENSG0000010338	uc_338	misc_RNA	chr2	28134408	28134585	-	0	0
ENSG0000010339	Metazoa_S	misc_RNA	chr5	1.55E+08	1.55E+08	+	0	0
ENSG0000010340	RP11-307N	processed	chr13	24323021	24323457	+	0	0
ENSG0000010341	RP11-368J	unprocessed	chr16	22537478	22537584	-	0	0
ENSG0000010342	EEF1A1P42	processed	chr6	49358185	49360420	-	0	0
ENSG0000010343	RP11-108H	lincRNA	chr13	54940843	54986719	+	0	0
ENSG0000010344	5S_rRNA	rRNA	chr9	41237440	41237557	-	0	0
ENSG0000010345	RP11-102G	antisense	chr14	51637348	51637947	-	0.35	0.51
ENSG0000010346	Metazoa_S	misc_RNA	chr20	45847630	45847940	-	0	0
ENSG0000010347	MIR6763	miRNA	chr12	1.33E+08	1.33E+08	+	0	0
ENSG0000010348	GTF2IP1	transcribed	chr7	75185385	75237696	-	25.4	22.82
ENSG0000010349	RP11-65E1	unprocessed	chr10	66837457	66837704	+	0	0
ENSG0000010350	MIR6779	miRNA	chr17	38914979	38915042	+	0	0
ENSG0000010351	HNRNPCL3	protein_coding	chr1	13060869	13062229	+	0	0
ENSG0000010352	RN7SL88P	misc_RNA	chr12	96101951	96102249	-	0	0
ENSG0000010353	MIR8084	miRNA	chr8	93029751	93029839	+	0	0
ENSG0000010354	DLEU2_2	misc_RNA	chr13	50045143	50045232	+	0	0
ENSG0000010355	CH507-254	lincRNA	chr21	7048891	7087229	+	0	1.36
ENSG0000010356	STAG3L2	transcribed	chr7	74882163	74890610	-	4.81	4.54
ENSG0000010357	MIR6131	miRNA	chr5	10478037	10478145	+	0	0
ENSG0000010358	HIST1H2AE	protein_coding	chr6	26216975	26217483	+	0.15	0.16
ENSG0000010359	RP11-101P	unprocessed	chr13	21287634	21287828	-	1.04	0
ENSG0000010360	RMST_10	misc_RNA	chr12	97564174	97564327	+	0	0
ENSG0000010361	PRSS3P3	transcribed	chr7	1.42E+08	1.42E+08	-	0	0
ENSG0000010362	RNU2-4P	snRNA	chr17	43387226	43387417	-	0	0
ENSG0000010363	RP5-1116H	lincRNA	chr20	5045761	5046276	-	0	0
ENSG0000010364	AC069363	antisense	chr17	36072866	36090134	+	0	0
ENSG0000010365	CH17-333N	unprocessed	chr1	1.43E+08	1.43E+08	+	0	0
ENSG0000010366	RP11-324J	processed	chr4	43388157	43388437	+	0	0
ENSG0000010367	FAM166AP	unprocessed	chr1	2.42E+08	2.42E+08	-	0	0
ENSG0000010368	RP11-520B	processed	chr9	97151894	97152694	-	0.08	0.17
ENSG0000010369	SNORD49B	snoRNA	chr17	16439505	16439576	+	0	0
ENSG0000010370	RP11-160N	unprocessed	chr9	61581813	61582675	+	0	0
ENSG0000010371	ANKRD20A	transcribed	chr20	30656033	30723932	-	0	0
ENSG0000010372	CH507-9B2	protein_coding	chr21	5022493	5040666	+	0.03	0.19
ENSG0000010373	Metazoa_S	misc_RNA	chr3	1.86E+08	1.86E+08	-	0	0
ENSG0000010374	WT1-AS_8	misc_RNA	chr11	32440109	32440383	+	0	0.02
ENSG0000010375	MIR6089	miRNA	chrX	2609191	2609254	+	0	0
ENSG0000010376	MIR6089	miRNA	chrY	2609191	2609254	+	0	0
ENSG0000010377	DLX6-AS1	misc_RNA	chr7	96965489	96965695	+	0	0
ENSG0000010378	CH17-264B	unprocessed	chr7	73065529	73077353	+	1.78	1.66
ENSG0000010379	Metazoa_S	misc_RNA	chr7	75057877	75058188	+	0	0
ENSG0000010380	RP11-146E	lincRNA	chr14	19127736	19175530	-	0	0
ENSG0000010381	AC012531	misc_RNA	chr12	53968351	53968501	+	0	0
ENSG0000010382	RP11-530C	sense_intronic	chr12	79818784	79819465	-	0	0.11

ENSG0000(RP11-453N processed_ chr10	38617255	38617344	+	0	0
ENSG0000(RP11-327J lincRNA chr15	96139472	96140452	-	0.19	0
ENSG0000(Metazoa_S misc_RNA chr19	41442102	41442392	-	0	0
ENSG0000(MIR6509 miRNA chr7	1.35E+08	1.35E+08	-	0	0
ENSG0000(Metazoa_S misc_RNA chr1	1.17E+08	1.17E+08	-	0	0
ENSG0000(LINC00235 lincRNA chr16	525155	527407	-	0.49	0.46
ENSG0000(RP11-113A processed_ chr3	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-59H7 lincRNA chr15	59115547	59116089	-	0	0
ENSG0000(RP11-557B processed_ chrY	26453982	26454092	+	0	0
ENSG0000(LINC00869 lincRNA chr1	1.5E+08	1.5E+08	+	3.23	2.42
ENSG0000(TYW1B protein_co chr7	72558744	72828198	-	0.24	0.15
ENSG0000(F8A3 protein_co chrX	1.55E+08	1.55E+08	-	0	0.16
ENSG0000(RP11-380B lincRNA chr13	32782874	32788178	+	0	0
ENSG0000(RP11-622C lincRNA chr15	66860303	66867023	+	0.06	0.04
ENSG0000(RP11-496I2 processed_ chr14	19267115	19268164	+	0	0
ENSG0000(HIST1H4D protein_co chr6	26188765	26189076	-	0.66	0
ENSG0000(RP11-88E1 lincRNA chr13	1.13E+08	1.13E+08	-	0.25	0.29
ENSG0000(PIGW protein_co chr17	36535020	36539310	+	3.32	3.37
ENSG0000(DUX4L30 unprocessε chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA chr1	37953508	37953780	+	0	0
ENSG0000(RP11-295D sense_intrε chr16	4426902	4427380	+	0	0.18
ENSG0000(RP11-191H unprocessε chr2	79547151	79548128	-	0	0
ENSG0000(GAPDHP41 processed_ chr6	60719222	60720196	-	0	0
ENSG0000(CTD-2024F sense_intrε chr12	47768529	47769648	+	0	0
ENSG0000(RP11-10F1 unprocessε chr7	56685036	56687366	-	0	0
ENSG0000(CTB-58E17 antisense chr17	38749360	38751457	+	0.77	0.38
ENSG0000(SNORA9 snoRNA chr7	44985378	44985510	-	0	0
ENSG0000(RP13-554M lincRNA chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(NCRUPAR_ misc_RNA chr5	76712195	76712327	+	0	0
ENSG0000(RP11-57A1 unprocessε chr16	28341437	28341543	+	0	0
ENSG0000(SNORD22 snoRNA chr11	62852910	62853035	-	0	0
ENSG0000(AC007325. protein_co KI270734.1	138082	161852	-	0.06	0
ENSG0000(RN7SL270F misc_RNA chr17	47041825	47042105	+	0	0
ENSG0000(LINC01632 lincRNA chr1	1.45E+08	1.45E+08	-	0.14	0
ENSG0000(RP11-74E2 lincRNA chr17	2720801	2723947	-	0.22	0.26
ENSG0000(MIR8063 miRNA chr15	36972821	36972901	-	0	0
ENSG0000(F8A1 protein_co chrX	1.55E+08	1.55E+08	+	14.69	14.86
ENSG0000(RP11-797H unprocessε chr7	64768156	64769101	+	0	0
ENSG0000(RP11-12A2 unprocessε chr9	67713910	67713967	+	0	0
ENSG0000(RPPH1 ribozyme chr14	20343075	20343407	-	1.75	0.79
ENSG0000(RP11-14C1 lincRNA chr15	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-204E processed_ chr16	20155648	20158391	+	0	0
ENSG0000(SDR42E1P2 processed_ chr9	42408526	42409006	-	0	0
ENSG0000(RP11-70D2 lincRNA chr16	79603572	79604177	+	0	0
ENSG0000(SPANXA2-C lincRNA chrX	1.42E+08	1.42E+08	+	0.1	0

ENSG00000103380	uc_338	misc_RNA	chr12	1.29E+08	1.29E+08	-	0	0
ENSG00000103381	RP11-500G	sense_intronic	chr10	1.3E+08	1.3E+08	-	0.75	0
ENSG00000103382	RP11-578B	sense_intronic	chr12	71448405	71448850	+	0	0
ENSG00000103383	HIST1H2BF	protein_coding	chr6	26199520	26200715	+	0.2	0
ENSG00000103384	RP11-161P	unprocessed_transcript	chr13	28778224	28778448	-	0	0
ENSG00000103385	RP11-189B	lincRNA	chr13	46474246	46493268	+	0	0
ENSG00000103386	RP11-355N	sense_intronic	chr15	58454327	58454982	+	0	0
ENSG00000103387	GTSE1-AS1	lincRNA	chr22	46295143	46296660	-	0.74	0.12
ENSG00000103388	Metazoa_S	misc_RNA	chr13	48429269	48429554	+	0	0
ENSG00000103389	RNU1-5P	snRNA	chr1	16873708	16873851	+	0	0
ENSG00000103390	RP4-550H1	lincRNA	chr20	36064243	36064563	-	0	0
ENSG00000103391	RP11-114N	processed_transcript	chr3	1.78E+08	1.78E+08	-	0	0
ENSG00000103392	MIR3118-3	miRNA	chr15	21406385	21406459	+	0	0
ENSG00000103393	RP11-48G1	antisense	chr15	56447120	56447697	+	0	0.13
ENSG00000103394	RP11-153L2	sense_intronic	chr13	1.08E+08	1.08E+08	+	0	0
ENSG00000103395	RP11-785D	antisense	chr12	70570969	70571440	+	0	0
ENSG00000103396	U2	snRNA	chr22	10736171	10736283	-	0	0
ENSG00000103397	MIR6784	miRNA	chr17	45114367	45114433	-	0	0
ENSG00000103398	Metazoa_S	misc_RNA	chr3	1.29E+08	1.29E+08	-	0	0.54
ENSG00000103399	RP11-496L2	unprocessed_transcript	chr14	19220796	19220912	-	0	0
ENSG00000103400	RP13-580B	processed_transcript	chr7	56805336	56808148	+	0	0
ENSG00000103401	MIR7854	miRNA	chr16	81533902	81533966	+	0	0
ENSG00000103402	PCGF2	protein_coding	chr17	38733897	38749817	-	23.96	23.45
ENSG00000103403	FAM74A7	lincRNA	chr9	42199000	42204988	+	0	0
ENSG00000103404	MIR6833	miRNA	chr6	32179816	32179876	+	0	0
ENSG00000103405	RN7SL556F	misc_RNA	chr7	5871753	5872050	-	0	0
ENSG00000103406	RP11-445F	antisense	chr17	36861674	36936661	-	0	0
ENSG00000103407	MESTIT1_1	misc_RNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG00000103408	RP5-827E2	lincRNA	chr20	61434625	61437547	-	0	0
ENSG00000103409	DUX4L22	unprocessed_transcript	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000103410	CH507-396	protein_coding	chr21	7768884	7770591	-	0	0
ENSG00000103411	IGHV1OR2:IG_V_gene		chr21	10649400	10649835	-	0	0
ENSG00000103412	RP1-267D1	antisense	chr12	1.2E+08	1.2E+08	+	1.01	1.34
ENSG00000103413	RP4-794I6	lincRNA	chr20	3239705	3245382	+	0.21	0.31
ENSG00000103414	C10orf142	protein_coding	chr10	44292569	44294649	+	0	0
ENSG00000103415	RP11-485B	processed_transcript	chrX	52531709	52532051	-	0	0
ENSG00000103416	RP11-326C	processed_transcript	chr11	243099	243483	-	0	0
ENSG00000103417	RN7SL489F	misc_RNA	chr15	75268430	75268652	+	0	0
ENSG00000103418	ATP5A1P1	processed_transcript	chr9	66721158	66722760	+	0.07	0
ENSG00000103419	RP11-837J	antisense	chr12	1.1E+08	1.1E+08	+	0	0
ENSG00000103420	RP5-1184F	antisense	chr20	32509959	32520285	+	0.03	0
ENSG00000103421	RP11-989E	unprocessed_transcript	chr16	32916974	32946392	+	0.85	0.95
ENSG00000103422	uc_338	misc_RNA	chr2	1.4E+08	1.4E+08	-	0	0
ENSG00000103423	Metazoa_S	misc_RNA	chr10	97297290	97297557	+	0	0
ENSG00000103424	RP11-699C	sense_intronic	chr18	50256036	50256461	-	0.19	0

ENSG0000(Six3os1_2 misc_RNA chr2	44934055	44934271	+	0	0
ENSG0000(7SK misc_RNA chr1	1.2E+08	1.2E+08	-	0	0
ENSG0000(RP1-209B9 processed_ chr20	7867327	7867614	+	0	0
ENSG0000(RP11-326L unprocessε chr13	31483414	31483699	-	0	0
ENSG0000(PCA3_2 misc_RNA chr9	76785782	76786190	+	0	0
ENSG0000(GOLGA6L6 protein_co chr15	20531856	20541800	-	0	0
ENSG0000(RP11-850A antisense chr18	54268346	54270028	-	0.1	0.19
ENSG0000(SPDYE20P unprocessε chr7	6715630	6720982	-	0	0
ENSG0000(AC145123. antisense chr8	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-157L processed_ chr9	41573156	41573453	-	0	0
ENSG0000(RNU6-489F snRNA chr17	37907957	37908063	+	0	0
ENSG0000(RP11-843B sense_intrε chr12	32109076	32109602	+	0.14	0
ENSG0000(RNU1-6P snRNA chr1	16534081	16534224	-	0	0
ENSG0000(RP11-356C unprocessε chr16	90174062	90175865	-	0	0
ENSG0000(RP11-395E lincRNA chr9	66942703	66952344	+	0	0
ENSG0000(RP11-325L antisense chr15	65049188	65049802	-	0	0
ENSG0000(KB-68A7.2 lincRNA chr21	44494874	44495519	+	0	0
ENSG0000(NPAP1P7 processed_ chr9	87825146	87825968	+	0	0
ENSG0000(RP11-321C unprocessε chr13	45124015	45124143	-	0	0
ENSG0000(SRCIN1 protein_co chr17	38530016	38605930	-	0.09	0.08
ENSG0000(RP11-536C processed_ chr14	18889084	18890424	-	0	0
ENSG0000(RP11-380N antisense chr13	26222191	26222654	+	0.84	0
ENSG0000(RP11-486I lincRNA chr16	11797468	11798275	+	0.39	0.09
ENSG0000(SNORD49A snoRNA chr17	16440036	16440106	+	0	0
ENSG0000(Metazoa_S misc_RNA chr10	1.26E+08	1.26E+08	+	0	0
ENSG0000(RP11-462D sense_intrε chr20	17565501	17565851	-	0	0
ENSG0000(U1 snRNA KI270750.1	148668	148843	+	0	0
ENSG0000(MIR6724-3 miRNA chr21	8388362	8388453	+	0	0
ENSG0000(RP11-318A antisense chr17	76709760	76710045	+	0.79	0.43
ENSG0000(CTD-3001H antisense chr19	47607873	47608454	-	0.36	1.46
ENSG0000(Metazoa_S misc_RNA chr22	38281028	38281289	-	0	0
ENSG0000(RP11-141N sense_intrε chr13	33336216	33336716	-	0	0
ENSG0000(MIR8058 miRNA chr16	82688931	82689019	+	0	0
ENSG0000(MIR8053 miRNA chr4	47652669	47652743	+	0	0
ENSG0000(MIR6881 miRNA chr15	74411357	74411432	-	0	0
ENSG0000(Metazoa_S misc_RNA chr2	47383160	47383421	+	0.61	0
ENSG0000(RP5-1024G unprocessε chr1	53180921	53186900	+	0	0
ENSG0000(GPR179 protein_co chr17	38325530	38343847	-	0.01	0.01
ENSG0000(AC145212. protein_co GL000194.	53590	115018	-	4.17	4.04
ENSG0000(MIR6891 miRNA chr6	31355224	31355316	-	0	0
ENSG0000(CH17-385C unprocessε chr1	1.46E+08	1.46E+08	-	0.2	0.48
ENSG0000(RP3-425C1 processed_ chr6	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP1-139G2 processed_ chr6	25885419	25885751	+	0	0
ENSG0000(5S_rRNA rRNA chr6	15522195	15522300	-	0	0
ENSG0000(RP11-101E antisense chr9	61194211	61203446	-	0	0

ENSG00000103338	uc_338	misc_RNA	chr15	60677109	60677272	-	0	0
ENSG00000103339	5S_rRNA	rRNA	chr8	48316669	48316770	+	0	0
ENSG00000103340	CH17-408M	lincRNA	chr1	1.47E+08	1.47E+08	+	0	0.18
ENSG00000103341	REXO1L6P	transcribed	chr8	85826865	85828467	-	0	0
ENSG00000103342	RP11-173P	lincRNA	chr12	1.21E+08	1.21E+08	+	0.4	0.44
ENSG00000103343	RP5-1116H	lincRNA	chr20	5066082	5068154	-	0.11	0.13
ENSG00000103344	CTD-2206N	unprocessed	chr17	39023394	39026742	+	0	0
ENSG00000103345	XXbac-BPG	antisense	chr6	32255284	32350039	+	0	0
ENSG00000103346	Y_RNA	misc_RNA	GL000195.	37434	37534	-	0	0
ENSG00000103347	RP11-1180	processed	chr15	22690454	22691158	-	0	0
ENSG00000103348	REXO1L5P	processed	chr8	85814767	85818783	-	0	0
ENSG00000103349	MIR3687-1	miRNA	chr21	8208844	8208904	+	0	0
ENSG00000103350	KDM5DP1	processed	chrY	20570222	20570519	-	0	0
ENSG00000103351	RP11-295D	sense_intr	chr16	4430522	4431103	+	0	0.27
ENSG00000103352	MARCKS	protein_co	chr6	1.14E+08	1.14E+08	+	28.97	30.62
ENSG00000103353	ZEB2_AS1	misc_RNA	chr2	1.45E+08	1.45E+08	+	0	0
ENSG00000103354	Metazoa_S	misc_RNA	chr2	10691538	10691831	+	0.35	0
ENSG00000103355	RP11-193E	processed	chr18	3025069	3025387	-	0	0
ENSG00000103356	RP11-538C	lincRNA	chr13	58165827	58209483	+	0	0
ENSG00000103357	CEBPB-AS1	antisense	chr20	50184598	50191498	-	0.06	0.09
ENSG00000103358	CTB-96E2.1	sense_intr	chr17	28373256	28373562	+	0	0.37
ENSG00000103359	RN7SL473F	misc_RNA	chr1	1.51E+08	1.51E+08	-	0	0
ENSG00000103360	CTC-492K1	lincRNA	chr19	40426115	40426702	+	0	0
ENSG00000103361	Metazoa_S	misc_RNA	chr5	24449351	24449615	-	0.46	0
ENSG00000103362	RP11-166B	unprocessed	chr16	11926199	11926307	+	0	0
ENSG00000103363	RP11-732A	lincRNA	chr11	1.02E+08	1.02E+08	-	0.98	0.72
ENSG00000103364	TTC28-AS1	misc_RNA	chr22	27919384	27919545	+	0	2.2
ENSG00000103365	ZNF670	protein_co	chr1	2.47E+08	2.47E+08	-	0.95	0.76
ENSG00000103366	CTD-3035K	lincRNA	chr17	62626031	62626453	+	0	0
ENSG00000103367	RN7SL286F	misc_RNA	chr15	32602121	32602411	+	0	0.14
ENSG00000103368	AL137067.	misc_RNA	chr9	99368447	99368566	+	0	0
ENSG00000103369	RP11-349F	unprocessed	chr8	17596312	17596378	-	0	0
ENSG00000103370	RN7SL628F	misc_RNA	chr15	30612724	30612960	+	0	0
ENSG00000103371	TCL6_3	misc_RNA	chr14	95670441	95670577	+	0	0
ENSG00000103372	HOTTIP_3	misc_RNA	chr7	27202302	27202638	+	0	0
ENSG00000103373	Metazoa_S	misc_RNA	chr6	11644067	11644343	+	0	0
ENSG00000103374	MIR6894	miRNA	chrX	53198889	53198945	-	0	0
ENSG00000103375	AC213203.	protein_co	KI270713.1	31698	32528	-	0	0
ENSG00000103376	RP11-147L	lincRNA	chr17	68133201	68135935	+	1.12	1.01
ENSG00000103377	MIR6165	miRNA	chr17	49510817	49510900	+	0	0
ENSG00000103378	AL022345.	unprocessed	chr10	42578500	42578727	+	0	0
ENSG00000103379	PKD1L3	protein_co	chr16	71929538	71999978	-	0.01	0
ENSG00000103380	RP11-762H	antisense	chr15	78299701	78299924	+	0	0
ENSG00000103381	RN7SL321F	misc_RNA	chr3	48379834	48380132	+	0	0
ENSG00000103382	SAGE3P	unprocessed	chrX	1.36E+08	1.36E+08	-	0	0

ENSG0000055_rRNA	rRNA	chr17	37940704	37940790	-	0	0
ENSG00000RP11-1082	processed	chr9	66879454	66879940	-	0	0
ENSG00000RP11-676J	lincRNA	chr17	795306	795794	+	0	0
ENSG00000ACEA_U3	snoRNA	chrX	70846079	70846295	-	0	0
ENSG00000RP11-255H	unprocessε	chr19	23842549	23843230	+	0	0
ENSG00000GPIHBP1	protein_co	chr8	1.43E+08	1.43E+08	+	0	0
ENSG00000RP11-93B1	antisense	chr20	62648961	62650767	-	0.25	0.48
ENSG00000RP11-681L	unprocessε	chr2	61858137	61860298	+	0	0
ENSG00000RP11-144M	processed	chrX	63087071	63088664	+	0	0
ENSG00000RP11-456J	unprocessε	chr15	31787494	31787734	+	0	0
ENSG00000RP11-697E	antisense	chr17	37642947	37684252	+	0	0
ENSG00000uc_338	misc_RNA	chr2	2.06E+08	2.06E+08	+	0.15	0
ENSG00000RP11-278A	antisense	chr16	87683945	87684477	-	0	0
ENSG00000RP11-467N	unprocessε	chr15	23140563	23144422	-	0	0
ENSG00000RN7SL802F	misc_RNA	chr5	1.02E+08	1.02E+08	+	0	0
ENSG00000BSNDP3	processed	chr20	26071988	26072351	-	0	0
ENSG00000RP11-944L	processed	chr3	44528955	44529391	-	0	0
ENSG00000Metazoa_S	misc_RNA	chr19	40450225	40450480	+	0	0.54
ENSG00000CTD-2095E	lincRNA	chr17	32127595	32128454	+	0.44	0.48
ENSG00000SNORD65	snoRNA	chr17	16441226	16441298	+	0	0
ENSG00000RP3-393B1	processed	chr1	43104086	43104497	+	0	0
ENSG00000OR52Q1P	unprocessε	chr11	5903767	5904448	+	0	0
ENSG00000RN7SL495F	misc_RNA	chr15	22609141	22609377	-	0	0
ENSG00000RP11-541G	unprocessε	chrX	55520382	55520714	-	0	0
ENSG00000OFD1P16Y	unprocessε	chrY	21817579	21818218	-	0	0
ENSG00000MIR8078	miRNA	chr18	112256	112339	-	0	0
ENSG00000SMAD5-AS	misc_RNA	chr5	1.36E+08	1.36E+08	+	0	0
ENSG00000RP11-378A	lincRNA	chr8	2589985	2623382	-	0	0
ENSG00000LINC01796	lincRNA	chr2	1.03E+08	1.03E+08	-	0	0
ENSG00000NF1P10	transcribec	chr14	18709478	18712643	-	0	0
ENSG00000LLNLF-187I	protein_co	chr19	46424697	46428951	-	0.01	0.01
ENSG00000CTD-2319I	unprocessε	chr17	60124110	60125474	-	0	0
ENSG00000MIR8077	miRNA	chr19	42351131	42351205	+	0	0
ENSG00000RP11-9E17	sense_intrc	chr18	26542971	26545791	-	0.13	0.17
ENSG00000RP13-347D	protein_co	chrX	1.19E+08	1.19E+08	+	0	0
ENSG00000RP11-298C	sense_intrc	chr3	71276087	71289616	-	0	0
ENSG00000ZNF630-AS	antisense	chrX	48056310	48066583	+	0	0
ENSG00000HOXB13-A	misc_RNA	chr17	48723692	48723772	+	0	0
ENSG00000RP11-452L	antisense	chr16	31428180	31428646	+	0	0
ENSG00000RP11-746P	unprocessε	chr7	65290429	65292776	+	0	0
ENSG00000RP11-73M	sense_intrc	chr13	1.13E+08	1.13E+08	+	0.12	0
ENSG00000RP11-139H	sense_intrc	chr15	55346347	55346752	-	0.21	0.45
ENSG00000RP11-359P	unprocessε	chr13	60322591	60322766	+	0	0
ENSG00000RP5-1057B	lincRNA	chr20	38103524	38104961	-	0.08	0.09
ENSG00000HOTTIP_4	misc_RNA	chr7	27206139	27206303	+	0	0

ENSG0000(OR13C5	protein_co	chr9	1.05E+08	1.05E+08	-	0	0
ENSG0000(RP3-468O1	sense_intr	chr20	34476205	34476787	+	0	0.27
ENSG0000(RP11-434E	lincRNA	chr16	54290965	54292422	+	0.24	0.13
ENSG0000(GOLGA8IP	transcribec	chr15	22607540	22617854	-	0.39	0.34
ENSG0000(CTD-2525I	processed_	chr19	52241765	52242440	-	0	0
ENSG0000(AC063961.	misc_RNA	chr10	24255246	24255333	+	0	0
ENSG0000(DLEU2_4	misc_RNA	chr1	63549227	63549284	-	0	0
ENSG0000(RP11-545P	sense_intr	chr12	1.13E+08	1.13E+08	+	0.24	0
ENSG0000(uc_338	misc_RNA	chr5	1.47E+08	1.47E+08	+	0	0
ENSG0000(MIR6134	miRNA	chrX	28495555	28495663	-	0	0
ENSG0000(pRNA	misc_RNA	chr21	14075950	14076038	-	0	0
ENSG0000(RP11-292B	processed_	chr9	67203635	67208072	-	0	0
ENSG0000(RP11-157E	unprocess	chr8	1.34E+08	1.34E+08	+	0	0
ENSG0000(Xist_exon4	misc_RNA	chrX	73831145	73831270	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr15	84642487	84642763	-	1.94	0
ENSG0000(CTC-268N1	sense_intr	chr17	37034668	37043252	+	0	0
ENSG0000(RP4-616B8	sense_intr	chr20	38962472	38962993	+	0	0
ENSG0000(RN7SL428F	misc_RNA	chr15	85210053	85210299	-	0	0
ENSG0000(ST7-AS1_2	misc_RNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(NEFL	protein_co	chr8	24950955	24957110	-	0	0
ENSG0000(CTD-3116E	lincRNA	chr19	9721903	9722410	+	0	0
ENSG0000(MIR6806	miRNA	chr19	58334688	58334751	+	0	0
ENSG0000(RP11-333J	sense_intr	chr17	36998598	37000034	+	0	0
ENSG0000(MIR7845	miRNA	chr2	2.07E+08	2.07E+08	+	0	0
ENSG0000(RN7SL575F	misc_RNA	chr2	95003545	95003843	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr3	59584169	59584445	+	0	0
ENSG0000(RP11-946P	sense_intr	chr12	1.1E+08	1.1E+08	+	0.13	0.42
ENSG0000(RP11-961A	antisense	chr17	1684726	1685151	+	0.96	0.63
ENSG0000(RP11-49E1	processed_	chr9	60546920	60547154	-	0	0
ENSG0000(NEAT1_3	misc_RNA	chr11	65423960	65424118	+	0	0
ENSG0000(AC005363.	lincRNA	chr16	1971655	1971896	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr8	80484589	80484683	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chrX	47476822	47477152	-	0	0.33
ENSG0000(RP11-321L	unprocess	chr9	23955760	23956444	+	0	0
ENSG0000(RNVU1-4	snRNA	chr1	1.21E+08	1.21E+08	+	0	0
ENSG0000(RP1-138B7	protein_co	chr20	43540171	43569498	+	0	0
ENSG0000(U6	snRNA	chr17	90796	90899	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr1	32269338	32269597	-	0	0
ENSG0000(RP11-12A2	processed_	chr9	67797221	67797500	+	0	0.45
ENSG0000(CTC-276P9	antisense	chr5	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-597N	antisense	chr17	12982613	12983002	-	0	0
ENSG0000(RP11-374N	processed_	chr9	61858710	61858908	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr2	1.09E+08	1.09E+08	-	0	0
ENSG0000(BX072566.	protein_co	GL000213.	108007	139659	-	0	0
ENSG0000(PGM5P3-A	lincRNA	chr9	72674	88826	+	0.24	0.2

ENSG0000(CCL3	protein_co	chr17	36088256	36090169	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr14	49839401	49839493	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr3	1.09E+08	1.09E+08	+	0	0
ENSG0000(MIR8061	miRNA	chr19	54645309	54645383	+	0	0
ENSG0000(RN7SL469F	misc_RNA	chr15	30143733	30143969	+	0	0
ENSG0000(RP11-467J:	protein_co	chr16	53035690	53052873	-	2.65	3.54
ENSG0000(RP11-471N	processed_	chr13	87765752	87765881	-	0	0
ENSG0000(RP11-275A	processed_	chr9	29317833	29318952	+	0	0
ENSG0000(RP11-1212	unprocessε	chr16	18357026	18357136	+	0	0
ENSG0000(CTD-2014B	sense_intrε	chr14	65986967	65987447	-	0	0
ENSG0000(CDKN2B-A:	misc_RNA	chr9	22117665	22117814	+	0	0
ENSG0000(RP11-255N	lincRNA	chr15	94841059	95169864	+	0	0
ENSG0000(RP11-640N	unprocessε	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(XXbac-BPG	antisense	chr6	29036021	29076524	+	0	0
ENSG0000(RP11-74J1:	sense_intrε	chr13	41229180	41229676	-	0.15	0.5
ENSG0000(AC136352.	protein_co	KI270727.1	100123	101141	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr2	1.31E+08	1.31E+08	+	0.23	0
ENSG0000(AC009133.	protein_co	chr16	29663279	29695144	+	1.92	2.55
ENSG0000(RP11-339A	unprocessε	chr1	80124004	80124361	+	0	0
ENSG0000(pRNA	misc_RNA	chr21	8250060	8250149	+	0	0
ENSG0000(RP11-386G	processed_	chr12	49075039	49075802	+	0	0
ENSG0000(RP13-483F	unprocessε	chrX	1.07E+08	1.07E+08	+	0	0
ENSG0000(AC004878.	antisense	chr7	75225433	75234310	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr15	51858070	51858352	-	0	0
ENSG0000(U1	snRNA	chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(MIR6739	miRNA	chr1	2.02E+08	2.02E+08	+	0	0
ENSG0000(RP11-305D	antisense	chr13	48340797	48341330	-	0	0
ENSG0000(RP11-427L:	sense_intrε	chr10	1.19E+08	1.19E+08	-	0.3	0.78
ENSG0000(RP11-697E	antisense	chr17	37609739	37613841	+	0	0
ENSG0000(DLEU2_2	misc_RNA	chr1	63549374	63549463	-	0	0
ENSG0000(XXbac-B33	processed_	chr22	18527157	18527626	+	0	0
ENSG0000(RP11-358N	lincRNA	chr20	32355053	32355734	+	0.1	0.11
ENSG0000(AP003900.	lincRNA	chr21	10328411	10342737	-	0	0
ENSG0000(HOTAIRM1	misc_RNA	chr7	27099967	27100111	+	0	0
ENSG0000(RP11-115D	antisense	chr4	89747802	89755853	+	0	0
ENSG0000(RP11-459C	lincRNA	chr9	42978851	42979918	+	0	0
ENSG0000(MIR6770-2	miRNA	chr16	16329305	16329364	+	0	0
ENSG0000(RP11-734K	lincRNA	chr2	97281904	97291780	+	6.98	9.88
ENSG0000(CH17-13I2:	unprocessε	chr1	1.43E+08	1.43E+08	-	1.13	7.18
ENSG0000(RP11-498N	processed_	chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(RP11-434C	processed_	chr12	11507162	11507408	-	0	0
ENSG0000(PGBD4P2	unprocessε	chr20	44841925	44842539	-	0	0
ENSG0000(CTD-2314B	processed_	chr14	19154134	19155089	+	0	0
ENSG0000(RP11-378I:	processed_	chr9	19967239	19967994	-	0	0
ENSG0000(MIR6856	miRNA	chr9	1.31E+08	1.31E+08	+	0	0

ENSG000001000000	RP11-651L	antisense	chr12	1.06E+08	1.06E+08	+	0.38	0.54
ENSG000001000000	U6	snRNA	chrX	86481028	86481130	+	0	0
ENSG000001000000	CTD-2311M	lincRNA	chr15	74379083	74390535	+	0	0
ENSG000001000000	RP1-34B20	unprocessed	chr6	26219045	26219240	+	0	0
ENSG000001000000	Metazoa_S	misc_RNA	chrX	46553522	46553775	-	0	0
ENSG000001000000	MIR6827	miRNA	chr3	1.34E+08	1.34E+08	-	0	0
ENSG000001000000	RP4-635E1	protein_coding	chr1	11012662	11030528	+	0.15	0.21
ENSG000001000000	RP11-143K	antisense	chr17	73202968	73203431	-	0.67	0.55
ENSG000001000000	ZFAT-AS1	_misc_RNA	chr8	1.35E+08	1.35E+08	+	0	0
ENSG000001000000	TRAC	TR_C_gene	chr14	22547506	22552154	+	0.13	0.21
ENSG000001000000	CH17-469C	unprocessed	chr9	43109866	43125905	-	0	0
ENSG000001000000	RP11-693J	lincRNA	chr12	91634887	91635644	+	0	0
ENSG000001000000	RNA5-8S5	rRNA	chr21	8256781	8256933	+	13.92	37.54
ENSG000001000000	Metazoa_S	misc_RNA	chr8	69851148	69851436	-	0	0
ENSG000001000000	GOLGA6L1	transcribed	chr15	82519590	82526412	+	0.1	0.15
ENSG000001000000	RP11-757C	processed	chr18	14346214	14346923	-	0	0
ENSG000001000000	CTC-435M	sense_intronic	chr19	41373971	41374419	+	0.88	2.13
ENSG000001000000	H2AFB3	protein_coding	chrX	1.55E+08	1.55E+08	-	0	0
ENSG000001000000	RP11-43A1	processed	chr3	86816740	86817036	+	0	0
ENSG000001000000	RP11-404J	unprocessed	chr2	95460144	95460336	-	0	0
ENSG000001000000	AC006262	unprocessed	chr19	46249394	46250163	-	0	0
ENSG000001000000	RP11-60L3	antisense	chr15	74311516	74319688	-	0	0
ENSG000001000000	DLEU2_5	misc_RNA	chr13	50075570	50075653	+	0	0
ENSG000001000000	U3	snoRNA	chr14	1.01E+08	1.01E+08	-	0	0
ENSG000001000000	RP11-26F2	processed	chr15	22756172	22756729	-	0	0
ENSG000001000000	RP11-285G	processed	chr10	45016080	45147221	-	0	0
ENSG000001000000	ABC7-4240	protein_coding	chr10	47750864	47763592	-	0.77	1.01
ENSG000001000000	MIR6719	miRNA	chr19	39829716	39829802	-	0	0
ENSG000001000000	AC136616	protein_coding	KI270728.1	1167457	1257196	+	0	0
ENSG000001000000	RN7SL261F	misc_RNA	chr1	1.48E+08	1.48E+08	+	0	0
ENSG000001000000	CTD-2588E	lincRNA	chr14	56117316	56117990	-	0.2	0.22
ENSG000001000000	Vax2os1_3	misc_RNA	chr2	70900155	70900351	+	0	0
ENSG000001000000	LLNLF-136	unprocessed	chr19	16037009	16038455	-	0	0
ENSG000001000000	RP11-365P	lincRNA	chr13	1.11E+08	1.11E+08	+	0.28	0.17
ENSG000001000000	RBM22P4	processed	chr6	45098021	45099260	+	0	0
ENSG000001000000	RP11-72I8	unprocessed	chr16	15358978	15362674	+	0	0
ENSG000001000000	Metazoa_S	misc_RNA	chr22	49846456	49846720	+	0	0
ENSG000001000000	RN7SL763F	misc_RNA	chr9	39886861	39887144	-	0	0
ENSG000001000000	HIST1H3F	protein_coding	chr6	26250195	26250605	-	0	0
ENSG000001000000	Y_RNA	misc_RNA	chr21	5597390	5597490	+	0	0
ENSG000001000000	PGM5P2	transcribed	chr9	41006999	41074617	-	0.45	0.26
ENSG000001000000	RP11-775C	lincRNA	chr15	80999593	80999981	-	3.55	1.71
ENSG000001000000	MIR6786	miRNA	chr17	81693757	81693869	+	0	0
ENSG000001000000	SNORD116	snoRNA	chr15	25088804	25088895	+	0	0
ENSG000001000000	RP11-355N	sense_intronic	chr15	58456188	58456348	+	0	0

ENSG0000(PSMB3	protein_co	chr17	38752736	38764231	+	58.89	66.84
ENSG0000(Metazoa_S	misc_RNA	chr13	40730981	40731253	+	0	0
ENSG0000(AC005752.	processed_	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-244G	lincRNA	chr6	81551686	81554092	+	0	0
ENSG0000(RP11-681H	lincRNA	chr14	89156743	89157574	+	0	0
ENSG0000(RP11-747E	processed_	chr11	23886135	23893557	+	0	0
ENSG0000(RP11-15A1	sense_intr	chr19	43976815	43977448	+	0.54	0
ENSG0000(Six3os1_4	misc_RNA	chr2	44935585	44935908	+	0	0
ENSG0000(MIR6738	miRNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG0000(Y_RNA	misc_RNA	chr5	79562745	79562846	-	0	0
ENSG0000(CTD-2013M	lincRNA	chr19	16352462	16353182	-	0	0
ENSG0000(uc_338	misc_RNA	chr14	93637179	93637338	+	0	0
ENSG0000(AL137067.	misc_RNA	chr9	99357827	99357957	+	0	0
ENSG0000(RP5-1054A	sense_intr	chr20	38233251	38233799	-	0.13	0.29
ENSG0000(ZNFX1-AS1	misc_RNA	chr20	49278427	49278624	+	0	0
ENSG0000(RP11-269C	lincRNA	chr13	44369365	44369877	-	0.14	0
ENSG0000(AC141272.	protein_co	KI270728.1	1270984	1271271	+	0	0
ENSG0000(RP11-714M	lincRNA	chr18	57427133	57432112	+	0	0
ENSG0000(RP11-103B	sense_intr	chr12	1.17E+08	1.17E+08	+	0	0.11
ENSG0000(MIR5701-2	miRNA	chr15	21513959	21514040	+	0	0
ENSG0000(MIR6811	miRNA	chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(SNORD30	snoRNA	chr11	62853663	62853732	-	0	0
ENSG0000(RP11-756G	lincRNA	chr12	92247756	92363832	-	0	0
ENSG0000(RP11-421K	unprocess	chr2	89203509	89203906	-	0	0
ENSG0000(RP11-154H	antisense	chr3	71581721	71628558	+	0.08	0.34
ENSG0000(AC233755.	protein_co	KI270726.1	26241	26534	+	0	0
ENSG0000(H2AFB2	protein_co	chrX	1.55E+08	1.55E+08	+	0.54	0
ENSG0000(SMAD5-AS	misc_RNA	chr5	1.36E+08	1.36E+08	+	0	0
ENSG0000(PRAMEF34	unprocess	chr1	13095179	13097971	-	0	0
ENSG0000(RP11-282A	lincRNA	chr13	1.07E+08	1.07E+08	-	0	0
ENSG0000(SCARNA15	scaRNA	chr15	82755945	82756071	+	0	0
ENSG0000(GOLGA6L2	protein_co	chr15	22458903	22469230	+	0	0
ENSG0000(CTC-311G1	unprocess	chr5	1.51E+08	1.51E+08	+	0	0
ENSG0000(AC138649.	processed_	chr15	22714939	22715225	+	0	0
ENSG0000(RP11-250H	processed_	chr9	64498517	64498745	+	0	0
ENSG0000(FAM230A	protein_co	chr22	18422244	18500594	+	0	0.02
ENSG0000(MIR6817	miRNA	chr22	25455646	25455711	+	0	0
ENSG0000(RP11-33N1	antisense	chr12	1.18E+08	1.18E+08	-	0	0.1
ENSG0000(RP11-467P	unprocess	chrX	30821815	30823407	-	0	0
ENSG0000(CTD-2269E	processed_	chr5	28927298	28927459	-	0	0
ENSG0000(RP11-129N	antisense	chr10	1.17E+08	1.17E+08	-	0.52	0.4
ENSG0000(TRBV17	TR_V_gene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(XXbac-BPG	processed_	chr6	29450210	29450558	+	0	0
ENSG0000(RP11-122G	processed_	chr1	1.61E+08	1.61E+08	-	0	0
ENSG0000(NLRP3P1	unprocess	chrX	1.08E+08	1.08E+08	+	0.13	0.07

ENSG00000108450	SNORA50C	snoRNA	chr17	64146339	64146471	+	0	0
ENSG00000108451	MIR6846	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000108452	MIR8081	miRNA	chr9	1.07E+08	1.07E+08	+	0	0
ENSG00000108453	U6	snRNA	KI270727.1	34890	34996	+	0	0
ENSG00000108454	MIR6746	miRNA	chr11	61878216	61878278	-	0	0
ENSG00000108455	SRD5A2	protein_co	chr2	31522480	31581067	-	0	0
ENSG00000108456	RP11-114F	antisense	chr12	64451591	64452901	-	0.04	0
ENSG00000108457	MLECP1	processed_	chr18	44522366	44523074	+	0	0
ENSG00000108458	Metazoa_S	misc_RNA	chrX	97081674	97081956	+	0	0.89
ENSG00000108459	RP5-851M	lincRNA	chr20	23320958	23325352	-	0	0
ENSG00000108460	U2	snRNA	chr17	43271369	43271559	-	0.28	0
ENSG00000108461	MIR7850	miRNA	chr19	2630715	2630793	+	0	0
ENSG00000108462	RP11-23B5	processed_	chr18	48478282	48478491	-	0	0
ENSG00000108463	RP11-333J	sense_intr	chr17	36980167	36980422	+	0	0
ENSG00000108464	MIR8089	miRNA	chr5	1.81E+08	1.81E+08	-	0	0
ENSG00000108465	DLEU2_1	misc_RNA	chr13	50044649	50044768	+	0	0
ENSG00000108466	DDX6P2	processed_	chr13	86275493	86277262	+	0	0
ENSG00000108467	uc_338	misc_RNA	chr1	29171285	29171453	-	0.63	0
ENSG00000108468	U1	snRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG00000108469	MIR8067	miRNA	chr15	62304658	62304734	-	0	0
ENSG00000108470	RP11-958N	unprocess	chr16	16351545	16351653	-	0	0
ENSG00000108471	FTX_5	misc_RNA	chrX	74293357	74293574	+	0	0
ENSG00000108472	Telomeras	misc_RNA	chr3	1.7E+08	1.7E+08	-	0	0.4
ENSG00000108473	U6	snRNA	KI270727.1	156089	156195	-	0	0
ENSG00000108474	RP11-122L	lincRNA	chrY	4993858	4999650	-	0	0
ENSG00000108475	OR52E5	protein_co	chr11	5900777	5902090	+	0	0
ENSG00000108476	RP11-4N23	lincRNA	chr12	13540231	13544540	+	0	0
ENSG00000108477	RP5-965G2	lincRNA	chr20	25229150	25231933	+	0.18	0.31
ENSG00000108478	MIAT_exor	misc_RNA	chr22	26671402	26671550	+	0	8.5
ENSG00000108479	MIR8075	miRNA	chr13	1.13E+08	1.13E+08	+	0	0
ENSG00000108480	RP11-677N	sense_intr	chr12	65830750	65831050	+	0	0
ENSG00000108481	RN7SL478F	misc_RNA	chr7	97998325	97998622	+	0	0
ENSG00000108482	SNORD3D	snoRNA	chr17	19112419	19112636	-	0	0
ENSG00000108483	uc_338	misc_RNA	chr2	1.75E+08	1.75E+08	-	1.19	0
ENSG00000108484	Metazoa_S	misc_RNA	chr22	20070716	20070965	+	0	0
ENSG00000108485	RP11-90D4	processed_	chr12	8340182	8340397	+	0.79	0
ENSG00000108486	RP11-679B	antisense	chr16	79202624	79206739	-	0	0
ENSG00000108487	SENP3-EIF4	protein_co	chr17	7563287	7578715	+	0	0.15
ENSG00000108488	Metazoa_S	misc_RNA	chr1	29041199	29041480	+	0	0
ENSG00000108489	RP11-45A1	antisense	chr10	1.32E+08	1.32E+08	+	0.29	0.97
ENSG00000108490	Metazoa_S	misc_RNA	chr20	38711821	38712103	-	0	0
ENSG00000108491	HOXA11-A	misc_RNA	chr7	27186892	27187124	+	0	0
ENSG00000108492	ZNFX1-AS1	misc_RNA	chr20	49280485	49280571	+	0	0
ENSG00000108493	SPRY4-IT1	misc_RNA	chr5	1.42E+08	1.42E+08	+	0	0
ENSG00000108494	CTB-58E17	lincRNA	chr17	38702452	38704747	+	0.77	1.06

ENSG0000(XXbac-B56: protein_co chr22	20429241	20446620	-	0	0
ENSG0000(CISD3 protein_co chr17	38730235	38735044	+	10.1	10.47
ENSG0000(RP11-472E processed_ chr6	1.36E+08	1.36E+08	+	0	0
ENSG0000(CSTP2 unprocessε chr20	23772785	23776169	-	0	0
ENSG0000(CTD-3018C unprocessε chr19	52392659	52392755	+	0	0
ENSG0000(RP11-403P antisense chr16	66565620	66566001	-	0	0
ENSG0000(RP11-157L: processed_ chr9	41652895	41652973	-	0	0
ENSG0000(RP11-428P unprocessε chr10	77738246	77739015	+	0	0
ENSG0000(RP11-735A unprocessε chr11	95057282	95057984	+	0	0
ENSG0000(SNORA67 snoRNA chr17	7577955	7578091	+	0	0
ENSG0000(U4 snRNA chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(RP11-167B lincRNA chr15	98324273	98327494	-	0	0
ENSG0000(FAM30B unprocessε chr15	20012741	20014208	+	0	0
ENSG0000(CH507-338 lincRNA chr21	7669397	7681742	-	0.58	2.26
ENSG0000(HOTAIR_3 misc_RNA chr12	53965965	53966061	+	0	0
ENSG0000(RP11-356M lincRNA chr2	307683	309424	+	0	0
ENSG0000(RP11-452N unprocessε chr2	1.65E+08	1.65E+08	+	0	0.1
ENSG0000(RP11-426C lincRNA chr16	29272220	29272772	+	0.26	0.86
ENSG0000(AC139100. sense_intrε chr18	80161752	80162413	+	0	0.34
ENSG0000(RP11-157L: processed_ chr9	41700682	41701096	+	0	0
ENSG0000(RP11-596C lincRNA chr14	49863072	49864379	+	0	0.1
ENSG0000(Pinc misc_RNA chr2	2.17E+08	2.17E+08	+	0	0
ENSG0000(Metazoa_5 misc_RNA chr19	4127492	4127732	+	0	0
ENSG0000(PPP1R26P4 processed_ chr22	18715815	18719341	+	0	0
ENSG0000(RP11-649E unprocessε chr14	49601011	49601124	-	0	0
ENSG0000(SNORA70 snoRNA chr9	67797087	67797181	+	0	0
ENSG0000(RP11-900F lincRNA chr12	88601862	88602195	+	0	0
ENSG0000(RP1-310O1 sense_intrε chr20	31970181	31970831	+	0	0
ENSG0000(RP11-379H lincRNA chr15	82540870	82562374	+	0	0
ENSG0000(RP11-120K antisense chr18	62525919	62526325	-	0	0
ENSG0000(HOXA11-A: misc_RNA chr7	27188816	27188994	+	0	0
ENSG0000(RP11-350I sense_intrε chr15	98660210	98660668	+	0.17	0
ENSG0000(RDM1 protein_co chr17	35918066	35930773	-	0.08	0.16
ENSG0000(SOX2OT_e: misc_RNA chr3	1.82E+08	1.82E+08	+	0	0
ENSG0000(Y_RNA misc_RNA chr9	41672295	41672406	-	0	0
ENSG0000(CTD-2240J: lincRNA chr15	81392759	81393384	+	0.66	1.21
ENSG0000(TRBV7-9 TR_V_gene chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(MIR6731 miRNA chr1	24919345	24919416	-	0	0
ENSG0000(RP11-234K lincRNA chr20	36233851	36234297	+	0.35	0.2
ENSG0000(MIR6076 miRNA chr14	49966399	49966511	+	0	0
ENSG0000(Xist_exon1 misc_RNA chrX	73850487	73850571	+	0	0
ENSG0000(uc_338 misc_RNA chr9	75016681	75016848	-	0	0
ENSG0000(RP5-984P4 lincRNA chr20	21499261	21502934	-	0.01	0.02
ENSG0000(XXbac-B33 lincRNA chr22	18501794	18512187	-	0	0
ENSG0000(WT1-AS_3 misc_RNA chr11	32436797	32437030	+	0	2.75

ENSG0000(U2	snRNA	chr17	43251829	43252019	-	0.28	0
ENSG0000(NEAT1_2	misc_RNA	chr11	65423638	65423742	+	173.57	0
ENSG0000(RP11-379L	lincRNA	chr18	34225930	34226429	+	0	0
ENSG0000(DDX52	protein_co	chr17	37609739	37643464	-	6.06	6.08
ENSG0000(RP11-34H1	processed_	chr9	41647825	41648035	-	0	0
ENSG0000(MESTIT1_2	misc_RNA	chr7	1.3E+08	1.3E+08	+	0	0
ENSG0000(TEX28	protein_co	chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP11-70D2	lincRNA	chr16	79605802	79606605	+	0	0
ENSG0000(RP11-466M	antisense	chr2	72932974	72934355	-	0	0
ENSG0000(AC023491.	pseudogen	KI270731.1	26533	27138	-	0	0
ENSG0000(RP11-15E1	processed_	chr9	66029264	66030169	+	0	0
ENSG0000(MIR6072	miRNA	chr10	2076019	2076089	-	0	0
ENSG0000(RP11-736N	lincRNA	chr14	1.03E+08	1.03E+08	+	1.46	0.91
ENSG0000(TUSC7	misc_RNA	chr3	1.17E+08	1.17E+08	+	0	0
ENSG0000(MIR6726	miRNA	chr1	1296110	1296170	-	0	0
ENSG0000(RP11-248M	lincRNA	chr18	79900555	79900903	-	0	0
ENSG0000(RP11-157L	processed_	chr9	41644771	41644981	+	0	0
ENSG0000(RP11-231C	unprocessε	chr16	29380242	29380345	+	0	0
ENSG0000(SPDYE15P	unprocessε	chr7	75337162	75343013	+	0	0
ENSG0000(RP11-525G	processed_	chr2	2.23E+08	2.23E+08	-	0	0
ENSG0000(RP11-87C1	lincRNA	chr12	1.22E+08	1.22E+08	+	0	0
ENSG0000(CT45A8	protein_co	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(SNORD115	snoRNA	chr15	25182385	25182466	+	0	0
ENSG0000(RP11-602.	lincRNA	chr15	99028538	99031053	+	0	0
ENSG0000(RP11-283G	antisense	chr12	26273329	26273900	-	0	0
ENSG0000(AC131056.	lincRNA	chr17	36225246	36226807	-	0	0
ENSG0000(MIR7973-1	miRNA	chr15	51314034	51314109	+	0	0
ENSG0000(U1	snRNA	chr1	1.45E+08	1.45E+08	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr10	14391875	14392196	+	0	0
ENSG0000(RP11-14J1	processed_	chr6	18304854	18305045	-	0	0
ENSG0000(MIR8060	miRNA	chr3	96359964	96360039	+	0	0
ENSG0000(ZNRD1-AS1	misc_RNA	chr6	30035916	30035983	+	0	0
ENSG0000(RP11-589N	unprocessε	chr21	10397644	10397778	+	0	0
ENSG0000(RP11-162A	lincRNA	chr18	76805151	76805736	-	0.24	0.13
ENSG0000(MIR6757	miRNA	chr12	53056944	53057012	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr17	43607436	43607723	-	0	0.26
ENSG0000(SUSD2P2	unprocessε	chr22	18623339	18625289	-	0	0
ENSG0000(RP11-972P	sense_intrε	chr12	1.24E+08	1.24E+08	-	0.33	0
ENSG0000(uc_338	misc_RNA	chr13	72567213	72567380	+	0	0
ENSG0000(AQP7P5	unprocessε	chr9	40481558	40497592	-	0	0
ENSG0000(SNORD116	snoRNA	chr15	25104642	25104732	+	0	0
ENSG0000(RN7SL186F	misc_RNA	chr1	22010650	22010946	+	0	0
ENSG0000(RP11-454E	sense_intrε	chr12	51201684	51202581	-	0.4	0.46
ENSG0000(RP11-440J	processed_	chr6	23854444	23855457	+	0	0
ENSG0000(ZNF8	protein_co	chr19	58278951	58302805	+	0.85	1.06

ENSG0000(RP11-424E unprocessed)	chr9	1.38E+08	1.38E+08	-	0	0
ENSG0000(AC116050. unprocessed)	chr2	91589494	91621421	+	0	0
ENSG0000(RP11-196G sense_intr)	chr16	31122235	31124064	+	8.13	5.47
ENSG0000(RP11-12A2 unprocessed)	chr9	67722083	67722683	+	0	0
ENSG0000(U2 snRNA)	chr4	25250545	25250639	+	0	0
ENSG0000(CLUHP11 unprocessed)	chr16	35068211	35085060	+	0	0
ENSG0000(RP4-533D7 protein_co)	chr1	46043661	46176488	-	0.03	0
ENSG0000(NF1P7 unprocessed)	chr14	18899942	18909673	-	0	0
ENSG0000(NEAT1_1 misc_RNA)	chr11	65423273	65423392	+	6.6	151.61
ENSG0000(RP11-327J lincRNA)	chr15	96230897	96231145	+	0	0
ENSG0000(CTD-3028 lincRNA)	chr14	45079849	45080189	+	0	0
ENSG0000(FAM13A-A misc_RNA)	chr4	88710147	88710265	+	0	10.34
ENSG0000(RP4-5851 lincRNA)	chr20	13368291	13368703	-	0.4	0
ENSG0000(TSC22D1-A antisense)	chr13	44575893	44580432	+	0.83	1.54
ENSG0000(AP001059. lincRNA)	chr21	44241847	44242081	+	0	0
ENSG0000(MIR8062 miRNA)	chr20	7371608	7371692	+	0	0
ENSG0000(RP11-485B unprocessed)	chrX	52481515	52483950	+	0	0
ENSG0000(RP11-4761 processed)	chr20	64278306	64278561	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr13	29864372	29864629	-	0	0
ENSG0000(GLIDR lincRNA)	chr9	39748514	39810097	-	1.85	1.45
ENSG0000(RP11-632L antisense)	chr13	93226612	93227317	-	4.12	3.91
ENSG0000(FAM166AP unprocessed)	chr1	2.27E+08	2.27E+08	+	0	0
ENSG0000(AP000457. processed)	chr21	17296219	17296596	+	0	0
ENSG0000(CH17-262C unprocessed)	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(NF1P11 unprocessed)	chr14	19612191	19619490	+	0	0
ENSG0000(U6 snRNA)	chr22	16141767	16141872	+	0	0
ENSG0000(RNA5-8S5 rRNA)	chr21	8439823	8439975	+	13.92	37.54
ENSG0000(RP5-1056H lincRNA)	chr20	6065966	6067897	-	0.2	0.06
ENSG0000(RP11-313C unprocessed)	chr8	72660584	72661470	-	0	0
ENSG0000(SSTR3 protein_co)	chr22	37204238	37212322	-	0.03	0
ENSG0000(IGLV2-8 IG_V_gene)	chr22	22822658	22823289	+	0	0
ENSG0000(RP11-539D unprocessed)	chrY	25009700	25010769	-	0	0
ENSG0000(AC011043. protein_co)	GL000195.	173872	179372	+	0.01	0
ENSG0000(LINC01971 lincRNA)	chr17	81480523	81481570	-	0	0
ENSG0000(RP11-152F processed)	chr15	82418651	82434235	+	0	0
ENSG0000(MIR6857 miRNA)	chrX	53405673	53405765	-	0	0
ENSG0000(RP11-760D unprocessed)	chr7	56462536	56467771	+	0	0
ENSG0000(RP1-20N2. processed)	chr6	1.43E+08	1.44E+08	+	0	0
ENSG0000(MAFIP unprocessed)	chrY	11153858	11159013	-	0	0.11
ENSG0000(CNTNAP3P unprocessed)	chr9	62559839	62569907	+	0.07	0.15
ENSG0000(LINC02139 lincRNA)	chr16	85137150	85149443	+	0	0
ENSG0000(RP11-712L processed)	chr11	1.26E+08	1.26E+08	-	0	0
ENSG0000(MALAT1 misc_RNA)	chr11	65502914	65503008	+	0	0
ENSG0000(uc_338 misc_RNA)	chrX	11148584	11148769	-	0	0
ENSG0000(MIR6511A miRNA)	chr16	16324588	16324654	+	0	0

ENSG0000(RN7SL536F)	misc_RNA	chr15	23363272	23363561	+	0	0
ENSG0000(MIR6783)	miRNA	chr17	44934618	44934681	-	0	0
ENSG0000(PRICKLE4)	protein_co	chr6	41780762	41787372	+	1.23	1.5
ENSG0000(Metazoa_S)	misc_RNA	chr4	56810422	56810681	+	0	0
ENSG0000(RP5-906C1)	lincRNA	chr20	48821688	48849458	-	0	0
ENSG0000(RNA5-8S5)	rRNA	chr21	8212572	8212724	+	13.92	37.54
ENSG0000(U2)	snRNA	chr3	1.5E+08	1.5E+08	+	0	0
ENSG0000(uc_338)	misc_RNA	chr7	87184849	87185020	+	0	0
ENSG0000(NCRUPAR_)	misc_RNA	chr5	76712763	76712861	+	0	0
ENSG0000(RP11-245D)	lincRNA	chr13	52454775	52455331	-	0.26	0.14
ENSG0000(AC020956)	lincRNA	chr19	41833686	41835950	-	0	0
ENSG0000(RN7SL725F)	misc_RNA	chrY	25458926	25459184	+	0	0
ENSG0000(SCARNA2)	scaRNA	chr1	1.09E+08	1.09E+08	+	0.2	0
ENSG0000(Metazoa_S)	misc_RNA	chr12	1.2E+08	1.2E+08	+	0.34	0
ENSG0000(RP4-668E1)	lincRNA	chr7	9082557	9189857	-	0	0.03
ENSG0000(RP1-5308)	antisense	chr12	2217462	2217920	-	0	0
ENSG0000(RP11-29A2)	unprocessε	chr8	5363371	5363650	+	0	0
ENSG0000(MYO19)	protein_co	chr17	36495633	36543435	-	10.42	12.66
ENSG0000(SNORD1A)	snoRNA	chr17	76561634	76561705	+	0	0
ENSG0000(RP11-294C)	IG_V_gene	chr15	21742364	21742799	-	0	0
ENSG0000(MIR6803)	miRNA	chr19	55245186	55245250	-	0	0
ENSG0000(MIR6770-1)	miRNA	chr16	14930820	14930879	+	0	0
ENSG0000(RP11-575F)	lincRNA	chr12	1.27E+08	1.27E+08	+	0.3	0.18
ENSG0000(MIR6859-1)	miRNA	chr1	17369	17436	-	0	0
ENSG0000(HIST1H3C)	protein_co	chr6	26045411	26045821	+	0	0
ENSG0000(RP11-763B)	unprocessε	chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(SNORA61)	snoRNA	chr1	28579764	28579893	-	4.46	0
ENSG0000(RP11-55J1)	processed_	chr8	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP3-324O1)	lincRNA	chr20	31580890	31581214	+	0	0
ENSG0000(MIR6816)	miRNA	chr22	20114686	20114751	-	0	0
ENSG0000(MIR7856)	miRNA	chr1	86357632	86357687	-	0	0
ENSG0000(RP5-884M)	unprocessε	chrX	55044749	55045121	-	0	0
ENSG0000(DLEU2_5)	misc_RNA	chr1	63549133	63549216	-	0	0
ENSG0000(CT45A6)	protein_co	chrX	1.36E+08	1.36E+08	-	0	0
ENSG0000(RP11-172H)	antisense	chr13	20699307	20703718	-	0.53	0.64
ENSG0000(RFPL4AP6)	unprocessε	chr22	29432944	29435005	+	0	0
ENSG0000(5_8S_rRNA)	rRNA	KI270442.1	217250	217401	-	0	0
ENSG0000(TBC1D3C)	protein_co	chr17	38057693	38068592	-	0	0
ENSG0000(GRAMD4P)	processed_	chr14	19371822	19373490	+	0.08	0.09
ENSG0000(RP11-326L)	lincRNA	chr13	31419989	31437999	+	0	0
ENSG0000(GGNBP2)	protein_co	chr17	36544888	36589848	+	31.8	32.69
ENSG0000(RP11-1006)	unprocessε	chr15	72604399	72605008	-	0	0
ENSG0000(RP4-655L2)	processed_	chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(ZNF229)	protein_co	chr19	44417519	44448578	-	2.35	2.67
ENSG0000(RP11-266I)	unprocessε	chrX	55101637	55102026	-	0	0

ENSG0000(PVT1_3	misc_RNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG0000(MIR6802	miRNA	chr19	55239912	55239976	-	0	0
ENSG0000(RP11-4B16	antisense	chr18	77112602	77115726	+	0.04	0
ENSG0000(RNU6-156F	snRNA	chr9	40759600	40759706	-	0	0
ENSG0000(XXbac-BPG	processed_	chr6	27510501	27510694	+	0	0
ENSG0000(uc_338	misc_RNA	chr10	85613017	85613186	-	0	0
ENSG0000(HOXA11-A!	misc_RNA	chr7	27185832	27186018	+	0	0
ENSG0000(RP11-408E	unprocessε	chr13	19172773	19172925	+	0	0
ENSG0000(VWA8-AS1	antisense	chr13	41955808	41981565	+	0.08	0
ENSG0000(MIR6862-2	miRNA	chr16	28724252	28724321	+	0	0
ENSG0000(RP5-1142A	antisense	chr16	88708956	88710437	-	0.31	0.21
ENSG0000(RP11-248B	unprocessε	chr14	91554410	91554503	+	0	0
ENSG0000(RP5-1077H	lincRNA	chr6	958324	962272	-	0	0
ENSG0000(RP11-18C2	lincRNA	chr12	1.21E+08	1.21E+08	-	0.77	0.28
ENSG0000(CTD-2267D	processed_	chr17	40380666	40381838	-	0	0
ENSG0000(Metazoa_S	misc_RNA	chr15	74162340	74162620	-	0.41	0
ENSG0000(MIR6754	miRNA	chr11	71473503	71473568	+	0	0
ENSG0000(RP11-139E	sense_intrε	chr12	45256473	45256726	+	0	0
ENSG0000(RP11-372B	sense_intrε	chr12	2885819	2886329	+	0	0.38
ENSG0000(RP11-485B	processed_	chrX	52480836	52481131	+	0	0
ENSG0000(MIR7155	miRNA	chr11	64341849	64341904	-	0	0
ENSG0000(RP11-42O4	antisense	chr20	35174355	35174919	-	0	0
ENSG0000(RP11-387D	lincRNA	chr15	90650631	90651103	+	0	0
ENSG0000(U4	snRNA	chr8	1.23E+08	1.23E+08	-	0	0
ENSG0000(RP11-158I!	lincRNA	chr11	1.19E+08	1.19E+08	+	0.33	0.36
ENSG0000(OR7E104P	unprocessε	chr13	63836994	63837456	-	0	0
ENSG0000(AL050303.	processed_	chr21	13654073	13654356	+	0	0
ENSG0000(RP11-406A	processed_	chr9	90108244	90108518	+	0	0
ENSG0000(RP4-694B1	antisense	chr20	25680781	25681246	+	1.33	0.18
ENSG0000(AL354822.	protein_co	GL000218.	51867	54893	-	0.79	0.77
ENSG0000(RP11-89H1	lincRNA	chr12	47905122	47906865	+	0	0
ENSG0000(GS1-345D1	unprocessε	chr7	93914987	93915108	+	0	0
ENSG0000(RP11-626G	lincRNA	chr16	19111035	19111484	-	0.18	0
ENSG0000(RP11-74J1:	antisense	chr13	41132939	41236686	+	0.99	0.45
ENSG0000(pRNA	misc_RNA	chrY	18336960	18337049	+	0	0
ENSG0000(AC131056.	unprocessε	chr17	36241701	36241806	+	0	0
ENSG0000(RP11-120E	sense_intrε	chr14	93334528	93335057	+	0.41	0
ENSG0000(RP11-74M!	unprocessε	chr12	56981211	56985960	-	0	0
ENSG0000(RP11-474N	processed_	chr12	56941174	56941482	-	0	0
ENSG0000(MIAT_exor	misc_RNA	chr22	26657521	26657655	+	0	8.72
ENSG0000(PCGEM1	misc_RNA	chr2	1.93E+08	1.93E+08	+	0	0
ENSG0000(RP11-1123	antisense	chr15	71547280	71549832	-	0	0
ENSG0000(AL121590.	misc_RNA	chr20	21614978	21615435	+	0	0
ENSG0000(MIR6854	miRNA	chr9	98229149	98229217	-	0	0
ENSG0000(uc_338	misc_RNA	chr13	26359529	26359702	-	0	0

ENSG0000(PMS2P2	unprocessε	chr7	75344015	75359550	-	0	0.09
ENSG0000(MIR6512	miRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG0000(RP11-298E	antisense	chr10	3134566	3145166	+	0	0
ENSG0000(MIR6819	miRNA	chr22	36286847	36286907	-	0	0
ENSG0000(FTX_1	misc_RNA	chrX	74274341	74274411	+	0	0
ENSG0000(RN7SL331F	misc_RNA	chr15	84205454	84205700	-	0	0
ENSG0000(RP11-745H	unprocessε	chr7	1.1E+08	1.1E+08	+	0	0
ENSG0000(RP11-88H1	unprocessε	chr8	59893856	59893942	-	0	0
ENSG0000(CH17-270A	antisense	chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(MIR6070	miRNA	chr21	43609887	43609989	-	0	0
ENSG0000(RP11-709D	sense_intrε	chr16	4532216	4533670	-	0.2	0
ENSG0000(MIR7849	miRNA	chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-21I4.	processed_	chr5	1.79E+08	1.79E+08	-	0	0
ENSG0000(RP11-255P	lincRNA	chr13	1.03E+08	1.03E+08	+	0	0.11
ENSG0000(RP4-668E1	processed_	chr7	9170948	9171273	-	0	0
ENSG0000(MIR6781	miRNA	chr17	42823880	42823943	-	0	0
ENSG0000(CTD-2240J.	lincRNA	chr15	81393625	81394082	+	0.17	0.75
ENSG0000(MIR6892	miRNA	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(ZFAT-AS1_	misc_RNA	chr8	1.35E+08	1.35E+08	+	0	0
ENSG0000(RP11-261C	processed_	chr1	2.43E+08	2.43E+08	+	0	0
ENSG0000(RP11-66B2	antisense	chr15	1.01E+08	1.01E+08	-	0	0.12
ENSG0000(5S_rRNA	rRNA	KI270442.1	380608	380726	+	0	0
ENSG0000(Metazoa_S	misc_RNA	chr12	7856169	7856471	+	0	0
ENSG0000(RP11-165D	sense_intrε	chr13	46717423	46717688	+	0	0
ENSG0000(HIST1H2AB	protein_co	chr6	26033176	26033568	-	0	0
ENSG0000(RP11-96A1	lincRNA	chr18	34892013	34902885	-	0	0
ENSG0000(MIR6769B	miRNA	chr1	2.06E+08	2.06E+08	+	0	0
ENSG0000(RP11-504P	lincRNA	chr1	2.24E+08	2.24E+08	+	0.62	1.63
ENSG0000(Metazoa_S	misc_RNA	chr12	3124777	3125063	+	0	0.43
ENSG0000(RP11-74D7	sense_intrε	chr15	33972059	33972515	-	0	0.57
ENSG0000(IGHV3-41	IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-19E1	sense_intrε	chr12	45789189	45789657	+	0	0
ENSG0000(RP11-282N	unprocessε	chr13	34262863	34263090	+	0	0
ENSG0000(RP11-160K	processed_	chrY	10070131	10070409	+	0	0
ENSG0000(RP5-903E1	processed_	chr1	15226373	15227549	+	0	0
ENSG0000(ST7-OT3_3	misc_RNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(MIR8087	miRNA	chr11	27514970	27515047	-	0	0
ENSG0000(RP11-95I1f	lincRNA	chr10	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-144A	processed_	chr9	60944555	60944636	-	0	0
ENSG0000(YRDCP1	processed_	chr9	94432631	94433273	-	0	0
ENSG0000(RP11-447H	processed_	chr5	43143362	43143514	-	0	0
ENSG0000(RP11-15A1	sense_intrε	chr19	43978376	43978663	+	0	0
ENSG0000(CTD-2382E	sense_intrε	chr15	41908204	41908714	-	0.15	0
ENSG0000(RP11-144H	unprocessε	chr13	27077218	27077962	+	0	0
ENSG0000(RN7SL759F	misc_RNA	chr15	20570886	20571175	+	0	0

ENSG0000010338	uc_338	misc_RNA	chr10	1.03E+08	1.03E+08	+	0	0
ENSG0000010358	RP11-457D	protein_coding	chr16	60358455	60359480	-	0	0
ENSG0000010336	AC009336	protein_coding	chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000010382	MIR6082	miRNA	chr4	1.71E+08	1.71E+08	+	0	0
ENSG0000010378	C17orf78	protein_coding	chr17	37375986	37392708	+	0	0
ENSG0000010398	AC007908	processed_transcript	chr15	1109945	1110235	+	0	0
ENSG0000010323	RP11-123C	unprocessed_transcript	chr15	58732188	58733149	+	0	0
ENSG0000010383	AC068831	lincRNA	chr15	91022766	91023200	+	0	0
ENSG0000010365	MIR6865	miRNA	chr17	4970086	4970150	-	0	0
ENSG000001038K	RP11-108K	antisense	chr10	1.34E+08	1.34E+08	-	0.05	0.15
ENSG0000010351	MIR7851	miRNA	chr12	42323700	42323859	-	0	0
ENSG00000103E3	POTEB3	protein_coding	chr15	21408243	21440451	-	0	0
ENSG00000103NA	Y_RNA	misc_RNA	chr2	61928634	61928704	-	0	0
ENSG0000010310	MIR6810	miRNA	chr2	2.18E+08	2.18E+08	+	0	0
ENSG0000010367	RN7SL607F	misc_RNA	chr20	20738433	20738731	-	0	0
ENSG00000103T3	ST7-OT3_2	misc_RNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG00000103D2	SNORD22	snoRNA	chr11	62854161	62854285	-	0	14.86
ENSG0000010348	RP11-1348	unprocessed_transcript	chr16	28773824	28777534	-	0	0
ENSG0000010370	MIR8070	miRNA	chr11	11783135	11783222	-	0	0
ENSG00000103B2	CHMP1B2F	transcribed	chrX	80228489	80335364	-	0.24	0.23
ENSG0000010321	RP11-4321	unprocessed_transcript	chr10	45187292	45198323	-	0	0
ENSG00000103E3	RP11-17E3	lincRNA	chr18	69398726	69399249	-	0	0
ENSG00000103S1	DHRS11	protein_coding	chr17	36591798	36600806	+	1.35	1.49
ENSG00000103V2	IGKV2OR2-	IG_V_pseudogene	chr2	97376674	97376973	+	0	0
ENSG00000103CA	ACACA	protein_coding	chr17	37084988	37406818	-	11.99	15
ENSG0000010367N	RP11-467N	processed_transcript	chr15	23193491	23193696	+	0	0
ENSG0000010318C	CTD-3018C	unprocessed_transcript	chr19	52473336	52475239	-	0	0
ENSG00000103C23	RP1-41C23	lincRNA	chr17	31560132	31560573	+	1.08	0.4
ENSG000001036736	MIR6736	miRNA	chr1	1.46E+08	1.46E+08	-	0	0
ENSG0000010368F	RNU6-368F	snRNA	chr9	67869947	67870053	+	0	0
ENSG0000010367N	RP11-467N	unprocessed_transcript	chr15	23225876	23226391	-	0	0
ENSG00000103Metazoa	Metazoa_S	misc_RNA	chr3	73959642	73959927	-	0	0
ENSG00000103MEM191	TMEM191f	protein_coding	chr22	18527802	18530573	+	6.01	5.57
ENSG00000103PTPN20	PTPN20CP	unprocessed_transcript	chr10	48064308	48119455	-	0	0
ENSG00000103OR4F29	OR4F29	protein_coding	chr1	450740	451678	-	0	0
ENSG00000103Metazoa	Metazoa_S	misc_RNA	chr7	17205652	17205928	+	0	0
ENSG00000103NR2E3	NR2E3	protein_coding	chr15	71792638	71818259	+	0.06	0
ENSG00000103MIR7161	MIR7161	miRNA	chr6	1.59E+08	1.59E+08	+	0	0
ENSG00000103RP11-231P	RP11-231P	unprocessed_transcript	chr1	26218581	26220476	-	0	0
ENSG00000103AC007325	AC007325	pseudogene	chr15	59711	60316	+	0	0
ENSG00000103RP11-507K	RP11-507K	sense_intronic	chr14	88589231	88592408	+	0.04	0.04
ENSG00000103RP11-340I	RP11-340I	unprocessed_transcript	chr7	63993904	63994006	+	0	0
ENSG00000103RP11-272N	RP11-272N	unprocessed_transcript	chr13	85837126	85837532	-	0	0
ENSG00000103MIR6080	MIR6080	miRNA	chr17	64780759	64780824	+	0	0
ENSG00000103RP11-1H8	RP11-1H8	unprocessed_transcript	chr15	34520608	34521791	+	0	0

ENSG0000(SNX3P1Y processed_ chrY	5634480	5634655	-	0	0
ENSG0000(CTA-313A1 processed_ chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(uc_338 misc_RNA chr14	30519161	30519318	+	0	0
ENSG0000(HIST1H2BI protein_co chr6	26272976	26273356	+	0	0
ENSG0000(ZACNP1 unprocessε chr4	1.08E+08	1.08E+08	+	0	0
ENSG0000(RN7SL113F misc_RNA chr2	85368282	85368580	+	0.36	0
ENSG0000(U2 snRNA chr17	43300041	43300231	-	0.28	0
ENSG0000(HOXA11-A misc_RNA chr7	27187819	27188021	+	0	0
ENSG0000(RP13-977E unprocessε chr2	2.35E+08	2.35E+08	-	0	0
ENSG0000(RP11-146E processed_ chr14	19131842	19132890	-	0	0
ENSG0000(RP5-1068H lincRNA chr20	4761300	4761696	+	0	0
ENSG0000(MIR6077 miRNA chr1	1.48E+08	1.48E+08	+	0	0
ENSG0000(MIR6775 miRNA chr16	87834592	87834660	-	0	0
ENSG0000(TBC1D3E protein_co chr17	38127951	38138862	+	0	0
ENSG0000(RP11-81A1 sense_intrε chr15	79920195	79922455	-	1.55	1.81
ENSG0000(RP11-348N antisense chr10	1.11E+08	1.11E+08	+	0	0.31
ENSG0000(RP11-539D unprocessε chrY	24977176	24978317	-	0	0
ENSG0000(RP13-608F unprocessε chr15	82472203	82472426	+	0	0
ENSG0000(RN7SL429F misc_RNA chr15	74072454	74072676	-	0	0
ENSG0000(RP11-405N lincRNA chr18	75070197	75071091	-	0	0
ENSG0000(RP11-455P lincRNA chr1	2.23E+08	2.23E+08	+	0.28	0
ENSG0000(CTC-543D1 lincRNA chr19	9538733	9539734	+	1.02	0.89
ENSG0000(C11orf98 protein_co chr11	62662816	62665217	-	19.18	22.96
ENSG0000(BEND3P3 processed_ chr10	79682997	79685436	+	0	0
ENSG0000(MIR8074 miRNA chr19	51206929	51207009	-	0	0
ENSG0000(MIR8069-2 miRNA chr21	13724189	13724274	+	0	0
ENSG0000(MRM1 protein_co chr17	36601572	36608971	+	1.6	1.5
ENSG0000(CTD-2033D antisense chr15	39588357	39588882	-	0.14	0
ENSG0000(U6 snRNA KI270744.1	51009	51114	-	0	0
ENSG0000(RP11-467L lincRNA chr15	20642799	20643448	-	0	0
ENSG0000(RP11-506H antisense chr17	58202352	58203003	-	0.42	0.46
ENSG0000(RP11-78L1 lincRNA chr13	55062945	55161490	+	0	0
ENSG0000(RP11-71B7 processed_ chr2	94861362	94862667	+	0	0
ENSG0000(AC023491.1 protein_co KI270731.1	10598	13001	-	0	0.05
ENSG0000(CTD-2318C unprocessε chr12	9415641	9416718	+	0	0
ENSG0000(Metazoa_S misc_RNA chr1	70430896	70431178	+	0	0
ENSG0000(HIST1H4A protein_co chr6	26021679	26021990	+	0	0
ENSG0000(CTC-268N1 antisense chr17	37045462	37052775	-	0	0
ENSG0000(Metazoa_S misc_RNA chr11	1.05E+08	1.05E+08	-	0	0
ENSG0000(DUX4L15 unprocessε chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-159D lincRNA chr17	57955965	57956143	+	0	0
ENSG0000(uc_338 misc_RNA chr19	11033727	11033912	+	0	0
ENSG0000(RP1-321E8 protein_co chrX	1.21E+08	1.21E+08	-	0	0
ENSG0000(CDK2AP2P transcribec chr9	41280460	41280787	+	0	0
ENSG0000(RP11-275N unprocessε chr10	21452197	21452412	+	0	0

ENSG00000101400	RP11-434C processed_ chr12	11500499	11501022	+	0	0
ENSG00000101401	KB-1572G7 unprocessε chr22	23607041	23608407	+	0	0
ENSG00000101402	LL22NC03- lincRNA chr22	22036344	22040065	+	0	0
ENSG00000101403	MIR6826 miRNA chr3	1.29E+08	1.29E+08	+	0	0
ENSG00000101404	TRAJ37 TR_J_gene chr14	22503750	22503814	+	0	0
ENSG00000101405	GOLGA6L1 protein_co chr15	82339998	82349475	-	1.35	1.42
ENSG00000101406	DUX4L10 unprocessε chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000101407	RP11-666C unprocessε chr16	28599241	28601881	-	0	0
ENSG00000101408	LL22NC03- processed_ chr22	22730725	22731090	-	0	0
ENSG00000101409	RP11-227G lincRNA chr17	32410159	32410746	+	0.48	0
ENSG00000101410	MIR8059 miRNA chr17	50768650	50768730	+	0	0
ENSG00000101411	AC136352. pseudogen KI270727.1	20741	22392	-	0.07	0
ENSG00000101412	ELOA3B protein_co chr18	47022287	47023927	-	0	0
ENSG00000101413	HIST1H2AM protein_co chr6	27892757	27893149	-	0	0
ENSG00000101414	CYCSP41 processed_ chr21	10576292	10576587	+	0	0
ENSG00000101415	RP11-80F2 unprocessε chr16	35435303	35436341	-	0	0
ENSG00000101416	RP11-132A unprocessε chr7	1.01E+08	1.01E+08	+	0	0
ENSG00000101417	RP5-1051D unprocessε chr1	2.09E+08	2.09E+08	+	0	0
ENSG00000101418	IQCA1L protein_co chr7	1.51E+08	1.51E+08	-	0	0
ENSG00000101419	RP11-31A2 processed_ chr12	28978584	28978685	+	0	0
ENSG00000101420	RP11-104J lincRNA chr17	36012504	36012891	+	0	0
ENSG00000101421	RP11-137P unprocessε chr1	1.54E+08	1.54E+08	+	0	0
ENSG00000101422	RN7SL82P misc_RNA chr15	30800160	30800396	+	0	0
ENSG00000101423	RP11-282A lincRNA chr13	1.07E+08	1.07E+08	-	0	0
ENSG00000101424	Metazoa_S misc_RNA chr16	4658851	4659151	+	0	0
ENSG00000101425	Metazoa_S misc_RNA chr17	20340743	20341045	+	0	0
ENSG00000101426	Metazoa_S misc_RNA chr1	35399997	35400319	+	0.27	0.35
ENSG00000101427	RP11-706P lincRNA chr18	57588611	57589091	-	0	0
ENSG00000101428	BX004987. protein_co GL000009.	56140	58376	-	0.1	0.14
ENSG00000101429	HIST1H4B protein_co chr6	26026815	26027252	-	0	0
ENSG00000101430	HOTTIP_2 misc_RNA chr7	27201844	27202219	+	0	0
ENSG00000101431	NKILA antisense chr20	57710183	57712780	+	0.59	0.65
ENSG00000101432	CTD-2574D antisense chr16	29862760	29863417	+	0	0.11
ENSG00000101433	SNORD116 snoRNA chr15	25087662	25087753	+	0	0
ENSG00000101434	LA16c-352I lincRNA chr16	85489813	85490831	+	0	0
ENSG00000101435	MCM8-AS1 antisense chr20	5990943	6005821	-	0	0
ENSG00000101436	RP11-399F processed_ chr9	66042646	66043342	+	0	0
ENSG00000101437	RP11-95F2 antisense chr13	57632759	57633575	-	0	0
ENSG00000101438	Metazoa_S misc_RNA chrX	1.51E+08	1.51E+08	+	0	0
ENSG00000101439	RP11-666C unprocessε chr16	28602340	28604519	+	0	0
ENSG00000101440	AC000403. lincRNA chr13	76887551	76891135	+	0.42	0.26
ENSG00000101441	RP11-147L lincRNA chr17	68126666	68129586	+	17.05	18.53
ENSG00000101442	Metazoa_S misc_RNA chr13	31975167	31975448	+	0	0
ENSG00000101443	RP11-425D antisense chr12	28185625	28186190	-	0.25	0
ENSG00000101444	CTD-2054H processed_ chr5	51101172	51101643	-	0	0

ENSG00000100000	RP11-12A2 unprocessed	chr9	67718821	67719022	+	0	0
ENSG00000100000	RP1-281E1 processed	chr6	48701491	48701872	-	0	0
ENSG00000100000	RP11-325L lincRNA	chr15	65083042	65083663	-	0	0
ENSG00000100000	MIR6859-4 miRNA	chr16	17052	17119	-	0	0
ENSG00000100000	RP11-147L lincRNA	chr17	68188547	68189165	+	0	0
ENSG00000100000	RP11-707G lincRNA	chr12	25385670	25386241	-	0.62	0.41
ENSG00000100000	CTA-444M processed	chr6	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	RP1-229K2 processed	chr6	41252696	41252858	+	0	0
ENSG00000100000	RN7SL660F misc_RNA	chr14	32442341	32442639	+	0	0
ENSG00000100000	AL355301.1 misc_RNA	chr10	98076361	98076421	-	0	0
ENSG00000100000	RP11-518K processed	chr9	15524576	15524707	-	0	0
ENSG00000100000	MIR6722 miRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000100000	U6 snRNA	chr1	516376	516479	-	0	0
ENSG00000100000	DUX4L11 unprocessed	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	FAM27B processed	chr9	67725690	67725902	-	0	0
ENSG00000100000	Metazoa_S misc_RNA	chr2	46266690	46266971	+	0	0
ENSG00000100000	RP5-890E1 lincRNA	chr17	48066704	48067293	-	0	0
ENSG00000100000	AC159540.1 lincRNA	chr2	97421075	97434847	+	0	0
ENSG00000100000	BACE1-AS antisense	chr11	1.17E+08	1.17E+08	+	1.92	0.82
ENSG00000100000	CTD-2036P antisense	chr15	42724102	42724922	+	0.08	0
ENSG00000100000	Metazoa_S misc_RNA	chr17	45526466	45526746	-	0	0
ENSG00000100000	RN7SL3 misc_RNA	chr14	49853616	49853914	-	0.36	0
ENSG00000100000	ZNRD1-AS1 misc_RNA	chr6	30061080	30061183	+	0	0
ENSG00000100000	U2 snRNA	chr17	43273101	43273292	-	0	0
ENSG00000100000	pRNA misc_RNA	chr21	8433085	8433174	+	0	0
ENSG00000100000	HTT-AS1_1 misc_RNA	chr4	3063472	3063701	+	0	0
ENSG00000100000	AC136616.1 protein_coding	KI270728.1	1157687	1240349	+	0	0
ENSG00000100000	MIR6071 miRNA	chr2	85783600	85783677	-	0	0
ENSG00000100000	RP11-468E sense_intronic	chr14	24201612	24202811	-	1.33	1.89
ENSG00000100000	Metazoa_S misc_RNA	chr15	84467901	84468147	+	0	0
ENSG00000100000	DUX4L12 unprocessed	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000100000	MIR6723 miRNA	chr1	632325	632413	-	0	0
ENSG00000100000	U6 snRNA	GL000213.1	127840	127946	-	0	0
ENSG00000100000	Metazoa_S misc_RNA	chr17	1101007	1101273	-	0	0
ENSG00000100000	LLNLR-2761 unprocessed	chr19	46533669	46534351	+	0	0
ENSG00000100000	MIR6823 miRNA	chr3	48549961	48550021	-	0	0
ENSG00000100000	RMST_8 misc_RNA	chr12	97560557	97560721	+	0	0
ENSG00000100000	RP11-635C unprocessed	chrX	1.53E+08	1.53E+08	+	0	0
ENSG00000100000	SPDYE14P unprocessed	chr7	75309144	75315046	+	0	0
ENSG00000100000	LINC00624 antisense	chr1	1.47E+08	1.48E+08	-	0	0.04
ENSG00000100000	AC006133.1 unprocessed	chr19	39726030	39726775	-	0	0
ENSG00000100000	Vault misc_RNA	chr5	1.36E+08	1.36E+08	-	0	0
ENSG00000100000	RP5-1116H lincRNA	chr20	5061037	5061340	-	0	0
ENSG00000100000	AC007325.1 protein_coding	KI270734.1	131494	137392	+	0	0.2
ENSG00000100000	Metazoa_S misc_RNA	chr14	55285227	55285558	+	0	0

ENSG0000(RP5-1099C unprocessed)	chr7	92540268	92557877	-	0	0
ENSG0000(WT1-AS_1 misc_RNA)	chr11	32435738	32435846	+	16.92	0
ENSG0000(RP11-1315 processed)	chr5	71754378	71756301	-	0	0
ENSG0000(RN7SL640F misc_RNA)	chr9	39191100	39191360	+	0	0
ENSG0000(HIST1H3H protein_coding)	chr6	27810064	27811300	+	0.05	0.31
ENSG0000(RP11-358B sense_intronic)	chr17	42272069	42275571	-	0	0
ENSG0000(RP11-748L unprocessed)	chr10	27313723	27316587	+	0	0
ENSG0000(RP11-12J1 antisense)	chr10	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-458J antisense)	chr17	40648300	40649718	+	2.46	2.35
ENSG0000(RP11-529A processed)	chr11	89954593	89954908	-	0	0
ENSG0000(Metazoa_S misc_RNA)	chrX	46073651	46073935	-	0	0
ENSG0000(RP11-345N sense_intronic)	chr15	26557598	26557937	-	0	0
ENSG0000(RP3-405J1 processed)	chr12	50286244	50289231	+	0	0
ENSG0000(MRPL45 protein_coding)	chr17	38297023	38323218	+	17.68	17.39
ENSG0000(RP11-414C lincRNA)	chrY	2934406	2934771	-	0	0.27
ENSG0000(TP53TG3F protein_coding)	chr16	33459045	33462249	+	0	0
ENSG0000(RP11-327I2 lincRNA)	chr9	66159954	66179430	-	0	0
ENSG0000(MIR6879 miRNA)	chr11	65018505	65018570	+	0	0
ENSG0000(NPPA-AS1 misc_RNA)	chr1	11845549	11845697	+	2.55	0
ENSG0000(RP11-109F processed)	chrY	7845485	7846454	-	0	0
ENSG0000(IGKV1D-12 IG_V_gene)	chr2	90159840	90160335	+	0	0
ENSG0000(RP11-806N TEC)	chr11	91992833	91993255	+	0	0
ENSG0000(RP11-28A2 TEC)	chr17	34614409	34614809	+	0	0
ENSG0000(RP11-338K TEC)	chr12	1.24E+08	1.24E+08	+	0.12	0
ENSG0000(RP11-571C TEC)	chr16	77657174	77660570	+	0.02	0.02
ENSG0000(RP11-567L TEC)	chr17	59362665	59363278	+	0	0
ENSG0000(RP11-45M TEC)	chr17	17181504	17183257	+	0.8	0.88
ENSG0000(CTD-2154B TEC)	chr5	10676096	10676423	-	0	0
ENSG0000(RP11-407A TEC)	chr12	1.27E+08	1.27E+08	-	0	0
ENSG0000(RP11-640N TEC)	chr17	32051030	32053208	+	0.46	0.04
ENSG0000(CITF22-49E lincRNA)	chr22	49933198	49934074	-	0	0
ENSG0000(OR51G1 polymorph)	chr11	4923374	4924339	-	0	0
ENSG0000(RP13-895J TEC)	chr12	1.32E+08	1.32E+08	-	0	0.04
ENSG0000(PRO1804 TEC)	chr17	69232963	69235012	-	0	0
ENSG0000(RP11-191F TEC)	chr5	10070531	10070841	+	0	0
ENSG0000(CTC-43909 TEC)	chr19	31364297	31366098	+	0.91	0.65
ENSG0000(RP11-498C TEC)	chr17	81862778	81863102	+	1.83	2.01
ENSG0000(RP11-315A TEC)	chr5	8754869	8755159	+	0	0
ENSG0000(CH507-145 lincRNA)	chr21	6667304	6670667	-	0.54	0.64
ENSG0000(AP000560 TEC)	chr11	74830574	74832510	-	0.14	0.06
ENSG0000(RP11-612J TEC)	chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP3-477J1 TEC)	chr22	47115838	47117217	-	0	0
ENSG0000(CH507-236 lincRNA)	chr21	7020599	7025166	+	0	0
ENSG0000(CTD-2014E TEC)	chr16	31566360	31567000	-	0	0
ENSG0000(RP11-108A TEC)	chr8	18864681	18865247	-	0	0

ENSG00000101347	RP11-347C	TEC	chr16	30206510	30206927	+	0.3	0.87
ENSG00000101352	OR2S2	protein_coding	chr9	35957108	35958154	-	0	0.06
ENSG00000101353	LL22NC03	lincRNA	chr22	48052646	48058275	+	0	0
ENSG00000101354	RP11-246E	TEC	chr18	48147634	48150864	-	0	0
ENSG00000101355	RP11-183A	TEC	chr11	93071529	93072031	+	0	0
ENSG00000101356	RP11-229C	TEC	chr16	64981123	64983227	-	0.11	0.06
ENSG00000101357	RP11-786A	TEC	chr7	1.13E+08	1.13E+08	+	0	0
ENSG00000101358	CTC-448F2	TEC	chr19	29915862	29917830	+	0.35	0.72
ENSG00000101359	RP11-474P	TEC	chr12	46404644	46407166	+	0.02	0
ENSG00000101360	AC020951	TEC	chr19	11856032	11858302	+	0.22	0.08
ENSG00000101361	CTD-2342N	TEC	chr8	1.35E+08	1.35E+08	+	0	0
ENSG00000101362	RP11-350J	antisense	chr6	1.5E+08	1.5E+08	+	0.05	0.1
ENSG00000101363	RP11-1250	TEC	chr5	34105750	34106336	-	0	0
ENSG00000101364	AC005609	antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000101365	RP11-25L3	TEC	chr18	73921939	73922631	-	0	0
ENSG00000101366	CH507-145	lincRNA	chr21	6318434	6360415	+	1.58	0.56
ENSG00000101367	RP11-65F1	TEC	chr5	93600357	93603598	+	0	0
ENSG00000101368	AC005609	antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000101369	RP11-523J	TEC	chr2	30677762	30679895	+	0	0
ENSG00000101370	RP11-401P	TEC	chr16	50555355	50558719	+	0	0
ENSG00000101371	BANCR	lincRNA	chr9	69296682	69306977	-	0	0
ENSG00000101372	RP11-405M	TEC	chr18	75103587	75106260	-	0	0
ENSG00000101373	CTD-2196E	TEC	chr16	23696665	23697314	-	0	0
ENSG00000101374	CTD-2299N	TEC	chr5	6134303	6137171	+	0	0
ENSG00000101375	KB-1517D1	TEC	chr8	98391401	98391514	-	0	0
ENSG00000101376	AC005609	antisense	chr5	1.41E+08	1.41E+08	-	0.12	0
ENSG00000101377	CEP83-AS1	lincRNA	chr12	94460003	94462484	+	0.07	0.05
ENSG00000101378	RP11-15A1	TEC	chr19	43891233	43895411	+	0.13	0.11
ENSG00000101379	CTD-2267D	TEC	chr17	40348049	40350539	-	0	0
ENSG00000101380	RP3-412A9	sense_intronic	chr22	31051630	31068327	+	0.03	0.03
ENSG00000101381	EPB41L4A	lincRNA	chr5	1.12E+08	1.12E+08	+	0	0
ENSG00000101382	AC002310	TEC	chr16	30526918	30528294	+	0.04	0.05
ENSG00000101383	RP11-805F	lincRNA	chr18	15056845	15066598	-	0	0
ENSG00000101384	RP11-227L	TEC	chr2	1.72E+08	1.72E+08	-	0	0
ENSG00000101385	AC005753	lincRNA	chr5	1.42E+08	1.42E+08	-	0	0
ENSG00000101386	RP11-264N	TEC	chr16	77800023	77801714	+	0	0.04
ENSG00000101387	CH507-152	lincRNA	chr21	6550749	6553955	-	0	0
ENSG00000101388	RP11-481F	TEC	chr16	55704119	55706422	+	0	0
ENSG00000101389	RP11-137C	TEC	chr11	87565994	87566421	+	0	0
ENSG00000101390	bP-2189O9	unprocessed_transcript	chr21	8857260	8880976	+	0.14	0
ENSG00000101391	bP-21264C	lincRNA	chr21	9325013	9368775	+	1.44	0.35
ENSG00000101392	RP11-789C	TEC	chr18	43499173	43499836	+	0	0
ENSG00000101393	CTD-2006N	TEC	chr3	73624410	73627626	+	0.81	0.79
ENSG00000101394	RP11-173D	TEC	chr15	20141794	20146430	+	0	0
ENSG00000101395	CH17-140K	antisense	chr5	1.41E+08	1.41E+08	-	0	0

ENSG00000139913	RP11-139H TEC	chr13	46117864	46122699	+	0.01	0
ENSG00000139914	SMG6-IT1 TEC	chr17	2235713	2236086	-	0	0
ENSG00000139915	LA16c-390I TEC	chr16	3533429	3534258	-	0	0
ENSG00000139916	RP11-142A TEC	chr4	1.45E+08	1.45E+08	+	0	0.13
ENSG00000139917	RP11-477N processed_	chr17	9791227	9808855	-	0	0
ENSG00000139918	AP000770. TEC	chr11	1.17E+08	1.17E+08	-	0	0
ENSG00000139919	AC005609. antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000139920	RP5-1039K TEC	chr22	37943050	37944898	+	7.11	5.71
ENSG00000139921	RP11-46H1 TEC	chr12	1.33E+08	1.33E+08	-	0.26	0.23
ENSG00000139922	RP11-67H2 TEC	chr16	32781883	32784138	+	0.12	0.16
ENSG00000139923	RP11-399J. TEC	chr11	65118310	65119111	+	0	0
ENSG00000139924	RP11-178H TEC	chr11	93592187	93592669	+	0.32	0
ENSG00000139925	RP13-415G TEC	chr17	41665566	41668031	+	0	0.02
ENSG00000139926	CH507-210 lincRNA	chr21	6858539	6897263	+	0	0
ENSG00000139927	RP11-89K2 TEC	chr2	44927914	44928396	-	0	0
ENSG00000139928	RP11-313L. TEC	chr5	1.04E+08	1.04E+08	+	0	0
ENSG00000139929	RP11-455I. TEC	chr7	93954044	93956519	-	0.15	0.05
ENSG00000139930	CTA-407F1 antisense	chr22	25756318	25756669	-	0	0
ENSG00000139931	CH507-396 protein_co	chr21	7788703	7793954	-	0.03	0
ENSG00000139932	RP11-399B TEC	chr2	1.12E+08	1.12E+08	+	2.52	2.72
ENSG00000139933	RP11-294J. TEC	chr17	50722074	50724224	+	0.03	0
ENSG00000139934	RP13-20L1. TEC	chr17	82362349	82363196	-	0	0
ENSG00000139935	RP11-39H3 TEC	chr5	1.8E+08	1.8E+08	-	0.05	0.05
ENSG00000139936	RP5-1174N TEC	chr1	32973553	32974463	+	0.65	0.24
ENSG00000139937	RP5-849H1 TEC	chr1	62607766	62609584	+	0	0
ENSG00000139938	RP11-662I. TEC	chr12	24902309	24904681	+	0	0
ENSG00000139939	HEIH TEC	chr5	1.81E+08	1.81E+08	-	14.98	13.53
ENSG00000139940	RP11-644A TEC	chr18	70489630	70491205	+	0	0
ENSG00000139941	CTD-3022L TEC	chr17	69433084	69435533	+	0.02	0
ENSG00000139942	RP11-83B2 TEC	chr12	1.25E+08	1.25E+08	-	0	0
ENSG00000139943	RP11-756P TEC	chr4	1.89E+08	1.89E+08	-	0.5	0.4
ENSG00000139944	RP11-185J. TEC	chr16	6703883	6705558	+	0	0
ENSG00000139945	RP1-41C23 TEC	chr17	31533171	31533938	-	0	0
ENSG00000139946	RP11-164P TEC	chr4	1.52E+08	1.52E+08	+	0	0
ENSG00000139947	RP11-165N TEC	chr16	12374355	12376032	+	0	0
ENSG00000139948	RP11-739P TEC	chr11	91208838	91209590	-	0	0
ENSG00000139949	RP11-9N12 antisense	chr4	1.54E+08	1.54E+08	+	0	0
ENSG00000139950	RP5-1031D TEC	chr10	7411599	7413467	+	0	0
ENSG00000139951	RP11-426J. TEC	chr18	48564795	48568342	+	0.02	0
ENSG00000139952	RP11-303E TEC	chr16	80982319	80984094	-	0.02	0.07
ENSG00000139953	RP11-723J. TEC	chr18	35972151	35973916	+	0.2	0.18
ENSG00000139954	LA16c-431I TEC	chr16	1688355	1690536	+	0.08	0.14
ENSG00000139955	RP11-333B TEC	chr9	82543718	82544196	+	0	0
ENSG00000139956	RP11-762L. TEC	chr11	86434924	86437282	-	0.4	0.38
ENSG00000139957	RP11-1127 TEC	chr14	98916902	98917801	-	0	0

ENSG0000(RP11-797A) TEC	chr15	77063397	77064910	-	0.49	0.17
ENSG0000(RP11-43N2) TEC	chr10	76270206	76270800	+	0	0
ENSG0000(RP3-424M) TEC	chr12	1.11E+08	1.11E+08	+	0.03	0.24
ENSG0000(CTD-2036A) TEC	chr16	18201501	18201956	+	0	0
ENSG0000(Z69720.3) TEC	chr16	74683	74961	+	0	0
ENSG0000(CH507-513) lincRNA	chr21	8197620	8227646	+	0.73	0.57
ENSG0000(RP11-131N) TEC	chr1	33141871	33143230	-	0.04	0.42
ENSG0000(RP11-1430) TEC	chr7	1.55E+08	1.55E+08	+	0	0
ENSG0000(AC008985) TEC	chr19	47661657	47663895	-	0.45	0.68
ENSG0000(OR10A6 polymorph)	chr11	7927633	7928662	-	0	0
ENSG0000(RP11-216P) TEC	chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(RP11-417J) TEC	chr5	8659764	8660059	-	0	0
ENSG0000(RP11-159D) TEC	chr11	38013510	38014141	-	0	0
ENSG0000(RP5-1186P) TEC	chr7	74633510	74633884	-	0	0
ENSG0000(CTA-243E7 antisense)	chr22	25048967	25051966	-	0	0
ENSG0000(AC005943) TEC	chr19	1576939	1577086	+	0	0
ENSG0000(RP5-1039K sense_ove)	chr22	37948352	38002889	+	0.1	0.1
ENSG0000(RP11-191F) TEC	chr5	10057502	10057807	+	0	0
ENSG0000(OR51B2 polymorph)	chr11	5323359	5324297	-	0	0
ENSG0000(RP11-254A) TEC	chr4	91603275	91605292	+	0	0
ENSG0000(CTD-2651B) TEC	chr15	45214448	45215044	-	0	0
ENSG0000(RP11-314B) TEC	chr2	2.26E+08	2.26E+08	+	0	0
ENSG0000(RP11-360A) TEC	chr4	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-697K) TEC	chr3	45749627	45750651	+	0	0.07
ENSG0000(RP11-407G) TEC	chr16	57140896	57144586	-	0.01	0.02
ENSG0000(C18orf15) TEC	chr18	13239543	13242076	+	0	0
ENSG0000(RP11-391L) TEC	chr16	81463892	81464859	-	0	0
ENSG0000(RP11-250B) TEC	chr6	80440730	80441172	+	0.18	0.2
ENSG0000(RP13-895J) TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-1193) TEC	chr2	1.36E+08	1.36E+08	+	0	0
ENSG0000(RP11-131P) TEC	chr13	38372856	38373935	+	0	0
ENSG0000(RP3-414A1) TEC	chr14	73580694	73582918	+	0.25	0.3
ENSG0000(CTC-270D5 antisense)	chr5	1.41E+08	1.41E+08	-	0	0
ENSG0000(RP11-144I) TEC	chr10	24481180	24483034	-	0	0
ENSG0000(RP11-212I) TEC	chr16	55486618	55488777	+	0.23	0.11
ENSG0000(LA16c-360I) TEC	chr16	3292879	3293403	+	0	0
ENSG0000(RP11-306B) TEC	chr14	30370108	30373115	+	0	0
ENSG0000(RP11-500C) TEC	chr15	77484275	77485606	-	0	0
ENSG0000(RP11-5A1) TEC	chr18	40062903	40066471	-	0	0
ENSG0000(RP11-649A) TEC	chr17	75130883	75133043	+	0.03	0.08
ENSG0000(RP11-81K2) TEC	chr17	49494223	49497800	-	0	0
ENSG0000(CTC-260E6) TEC	chr19	20207192	20209789	-	0.02	0
ENSG0000(RP11-667K) TEC	chr17	2101542	2101667	+	0	0
ENSG0000(CTD-2373N) TEC	chr8	30552345	30553766	+	2.68	3.44
ENSG0000(RP11-805F) TEC	chr18	14990707	14993235	-	0	0

ENSG00000102220	CTB-22K14	TEC	chr7	1.09E+08	1.09E+08	-	0	0
ENSG00000102221	AC007787	TEC	chr19	13081966	13082564	+	0.12	0.13
ENSG00000102222	RP11-643G	TEC	chr11	89548130	89548795	-	0	0
ENSG00000102223	RP11-555G	TEC	chr11	1.35E+08	1.35E+08	+	0	0
ENSG00000102224	CTC-270D5	antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000102225	RP11-511H	TEC	chr7	17940503	17942922	+	0.39	0.3
ENSG00000102226	AL353898	pseudogen	chr1	54099968	54100224	-	0	0
ENSG00000102227	PWAR1	TEC	chr15	25135642	25138055	+	0	0.03
ENSG00000102228	OR6Q1	protein_co	chr11	58030930	58031931	+	0	0
ENSG00000102229	RP11-643G	TEC	chr11	89556860	89557205	+	0	0
ENSG00000102230	CTD-3126B	TEC	chr16	2620222	2621794	-	0	0
ENSG00000102231	AGAP14	unprocessε	chr10	46337224	46358714	+	0	0
ENSG00000102232	RP11-2570	TEC	chr17	54956760	54958426	-	1.22	1.35
ENSG00000102233	RP3-33201	TEC	chr1	1.73E+08	1.73E+08	+	0	0.31
ENSG00000102234	CH507-216	unprocessε	chr21	10136419	10137004	+	0	0
ENSG00000102235	CTD-2537I	TEC	chr19	55467438	55467934	-	0	0
ENSG00000102236	CH507-39C	lincRNA	chr21	5707004	5709456	-	0.86	0.57
ENSG00000102237	RP11-264J	TEC	chr13	20194412	20196005	+	0	0
ENSG00000102238	HEXDC-IT1	sense_intr	chr17	82425498	82427310	+	0.19	0.03
ENSG00000102239	GS1-25M2	TEC	chr7	96118647	96119995	+	0	0
ENSG00000102240	CH17-140K	protein_co	chr5	1.41E+08	1.41E+08	+	0	0.55
ENSG00000102241	RP11-159D	TEC	chr17	58006674	58008187	+	0.61	0.92
ENSG00000102242	RP11-287D	lincRNA	chr2	74196698	74198560	-	0.03	0
ENSG00000102243	RP11-83B2	TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG00000102244	RP13-580B	lincRNA	chr7	56809214	56848800	-	0.02	0.03
ENSG00000102245	RP11-229P	protein_co	chr9	1.37E+08	1.37E+08	-	0	0
ENSG00000102246	RP11-322E	TEC	chr18	35483431	35483667	-	0	1.33
ENSG00000102247	RP11-480D	TEC	chr5	8458842	8459183	+	0	0
ENSG00000102248	RP3-449H6	TEC	chr6	44551577	44553281	+	0	0
ENSG00000102249	RP11-800A	TEC	chr18	79352458	79354567	+	0	0
ENSG00000102250	SND1-IT1	lincRNA	chr7	1.28E+08	1.28E+08	+	0	0
ENSG00000102251	CTA-228A9	antisense	chr22	38130216	38150612	+	0.15	0.13
ENSG00000102252	RP11-341D	processed_	chr13	18206570	18207466	-	0	0
ENSG00000102253	LINC01727	lincRNA	chr20	21569976	21619674	+	0	0
ENSG00000102254	RP11-395N	TEC	chr9	35360540	35362054	-	0	0
ENSG00000102255	CTA-243E7	antisense	chr22	25009685	25015072	-	0.01	0.01
ENSG00000102256	RP11-667F	TEC	chr7	1.16E+08	1.16E+08	-	0.31	0.19
ENSG00000102257	RP11-83B2	TEC	chr12	1.25E+08	1.25E+08	-	0	0
ENSG00000102258	RP11-574K	TEC	chr10	73742995	73744230	-	6.47	6.65
ENSG00000102259	RP11-481C	TEC	chr17	51183191	51186403	-	0.07	0.18
ENSG00000102260	RP11-684N	TEC	chr11	1.32E+08	1.32E+08	-	0	0
ENSG00000102261	RP11-461F	TEC	chr15	97533738	97541476	-	0.04	0.07
ENSG00000102262	RP11-1H8	TEC	chr15	34415450	34420273	-	0.1	0.04
ENSG00000102263	RP11-856B	TEC	chr11	65561484	65561607	+	0	0
ENSG00000102264	LINC01670	lincRNA	chr21	5499151	5502542	-	0.54	0.64

ENSG0000(AC092066. TEC	chr19	44664131	44666158	+	3.38	3.62
ENSG0000(RP5-1024N TEC	chr1	48102068	48104736	+	0	0
ENSG0000(RP11-417J TEC	chr5	8572047	8572206	+	0	0
ENSG0000(RP11-15B1 TEC	chr4	99942081	99942522	-	0	0
ENSG0000(RP11-595C TEC	chr8	35254344	35256605	+	0	0
ENSG0000(AC009120. TEC	chr16	74150520	74151299	+	0	0
ENSG0000(CTC-204F2. TEC	chr19	44246478	44248374	-	0.03	0.03
ENSG0000(RP11-138B TEC	chr7	49760897	49762764	-	0	0
ENSG0000(RP11-426C TEC	chr16	29204633	29205855	+	0	0.11
ENSG0000(RP11-823P TEC	chr5	21493436	21494596	+	0	0.06
ENSG0000(CTC-490E2 TEC	chr19	40840159	40842039	+	0.51	0.56
ENSG0000(CTA-243E7 antisense	chr22	25052122	25065241	-	0	0.03
ENSG0000(OR10X1 polymorph	chr1	1.59E+08	1.59E+08	-	0	0
ENSG0000(RP13-895J TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP3-425C1 TEC	chr6	1.22E+08	1.22E+08	+	0.05	0.02
ENSG0000(RP11-566H processed_	chrY	25307729	25307803	+	0	0
ENSG0000(OR8D2 polymorph	chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(CTD-2562J TEC	chr11	75260129	75262466	-	2.73	4.04
ENSG0000(RP11-517I TEC	chr5	1.26E+08	1.26E+08	+	1	1.18
ENSG0000(CTB-58E17 TEC	chr17	38727833	38728198	-	0	0
ENSG0000(RP11-140I TEC	chr16	73293866	73294296	-	0	0
ENSG0000(RP11-83B2 TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-394B TEC	chr16	70768967	70770221	-	0.1	0
ENSG0000(RP11-424N TEC	chr16	70778433	70779145	+	0	0
ENSG0000(RP11-341D unprocessε	chr13	18279320	18309934	-	0	0
ENSG0000(RP11-417J TEC	chr5	8685581	8685816	-	0	0
ENSG0000(RP3-442L6. TEC	chr6	49721931	49724007	+	0.06	0.03
ENSG0000(RP11-76C1 TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-264L TEC	chr16	78550739	78553296	-	0.04	0.11
ENSG0000(RP11-278J TEC	chr5	1.43E+08	1.43E+08	+	0	0
ENSG0000(FAM231C protein_co	chr1	16733952	16734461	-	0	0
ENSG0000(RP11-342K TEC	chr17	62003700	62007518	-	0.01	0.02
ENSG0000(RP11-489P TEC	chr12	58094914	58098013	-	0	0
ENSG0000(RP11-261P TEC	chr13	20712431	20714146	+	0	0
ENSG0000(LA16c-335I TEC	chr16	769119	769443	-	0	0
ENSG0000(RP11-205K TEC	chr9	1.27E+08	1.27E+08	+	0	0
ENSG0000(KB-1742H1 TEC	chr8	1.04E+08	1.04E+08	-	0.12	0.08
ENSG0000(RP11-597D TEC	chr4	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP11-477I TEC	chr14	1.05E+08	1.05E+08	-	0.35	0.76
ENSG0000(LINC01451 lincRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(RP11-463C TEC	chr16	86595189	86597639	+	0	0.05
ENSG0000(AC139099. TEC	chr17	83132647	83136150	-	0	0
ENSG0000(RP11-894J TEC	chr3	52848085	52848553	-	0	0.18
ENSG0000(RP11-547D TEC	chr15	55171972	55178175	-	0.03	0.04
ENSG0000(RP11-117L TEC	chr12	1.3E+08	1.3E+08	-	0	0

ENSG00000100000	RP11-271K TEC	chr3	1.42E+08	1.42E+08	-	0.05	0.15
ENSG00000100000	RP11-135F TEC	chr12	1E+08	1E+08	-	0.5	0.55
ENSG00000100000	RP11-374F TEC	chr13	30344672	30347167	+	0.13	0.02
ENSG00000100000	RP1-163M1 lincRNA	chr1	16701546	16705594	+	0	0
ENSG00000100000	RP11-599B TEC	chr17	8188933	8189688	+	0	0.09
ENSG00000100000	RP11-495K TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG00000100000	RP11-345K TEC	chr9	88177695	88178578	+	0	0.08
ENSG00000100000	LLOXNC01- TEC	chrX	48939992	48940808	+	0	0
ENSG00000100000	RP4-646P1 TEC	chr21	18917213	18917429	+	0	0
ENSG00000100000	RP11-282A TEC	chr13	1.07E+08	1.07E+08	-	0	0
ENSG00000100000	RP3-394A1 antisense	chr22	29978950	30028236	-	0.01	0.01
ENSG00000100000	RP11-387A TEC	chr2	1.76E+08	1.76E+08	-	0	0
ENSG00000100000	CTB-12A17 TEC	chr19	46636810	46639161	-	0.14	0.13
ENSG00000100000	CTD-3126B TEC	chr16	2592514	2594563	+	0.03	0.03
ENSG00000100000	RP11-313I2 TEC	chr11	89704164	89704658	+	0	0
ENSG00000100000	RP4-737E2 TEC	chr20	23148086	23149939	+	0	0
ENSG00000100000	CTD-2144E TEC	chr16	34941977	34943880	+	0.03	0.1
ENSG00000100000	RP11-107E TEC	chr2	1.44E+08	1.44E+08	-	0	0
ENSG00000100000	bP-2168N6 processed	chr21	8701461	8701562	+	0	0
ENSG00000100000	RP11-514P sense_ove	chr7	1.03E+08	1.03E+08	-	0.41	0
ENSG00000100000	PRAMEF13 protein_co	chr1	13196330	13201409	-	0	0
ENSG00000100000	RP1-199J3. TEC	chr6	99587611	99589898	+	0.19	0.37
ENSG00000100000	RP11-407A TEC	chr12	1.27E+08	1.27E+08	+	0	0
ENSG00000100000	CTB-52I2.7 TEC	chr19	18009440	18009881	-	0	0
ENSG00000100000	RP11-318G TEC	chr12	25423600	25424942	+	0	0
ENSG00000100000	RP11-1099 TEC	chr17	8013327	8016378	-	0	0.02
ENSG00000100000	CTA-414D7 sense_intr	chr22	44102779	44116232	+	0.05	0.1
ENSG00000100000	RP11-43D4 TEC	chr12	1.05E+08	1.05E+08	+	0.13	0.05
ENSG00000100000	CH507-338 processed	chr21	7626344	7627528	-	0.42	0.33
ENSG00000100000	RP11-131N TEC	chr1	33162851	33166298	+	0.03	0.08
ENSG00000100000	RP11-417C TEC	chr12	1.28E+08	1.28E+08	+	0	0.47
ENSG00000100000	RP11-711N TEC	chr2	73998337	73998548	-	0	0
ENSG00000100000	XX-C00717 antisense	chr22	50316035	50317025	+	0	0
ENSG00000100000	RP3-323A1 antisense	chr22	35160947	35215025	+	0.19	0.17
ENSG00000100000	CH507-39C TEC	chr21	5703182	5705637	-	0.03	0.03
ENSG00000100000	RP11-455C TEC	chr17	81262920	81265401	+	0.09	0
ENSG00000100000	RP11-861E TEC	chr11	1.33E+08	1.33E+08	-	0	0
ENSG00000100000	RP11-534P TEC	chr12	97150081	97154627	-	0	0.03
ENSG00000100000	RP11-803D TEC	chr2	1.11E+08	1.11E+08	-	0.25	0.09
ENSG00000100000	PWAR5 TEC	chr15	24985053	24988232	+	0.37	0.47
ENSG00000100000	RP11-143E TEC	chr12	1.3E+08	1.3E+08	-	0	0
ENSG00000100000	RP11-1072 TEC	chr16	30984630	30988270	-	0.04	0.02
ENSG00000100000	CTB-3M24. TEC	chr5	1.34E+08	1.34E+08	-	0	0
ENSG00000100000	CTD-2231E TEC	chr19	16074293	16077395	-	0.56	0.5
ENSG00000100000	RP11-749I1 TEC	chr17	40113215	40115442	-	0.05	0.19

ENSG00000101524	TEC	chr17	17616043	17617745	+	0.1	0
ENSG00000101287	TEC	chr2	74191388	74192245	+	0	0
ENSG0000010113A	TEC	chr16	24098239	24099971	+	0.03	0.18
ENSG00000101005	TEC	chr19	15383202	15383832	-	0.11	0
ENSG00000101175	TEC	chr5	1.59E+08	1.59E+08	+	0.18	0.22
ENSG00000101632	TEC	chr2	1.77E+08	1.77E+08	+	0	0.04
ENSG00000101991	lincRNA	chr16	72772673	72773272	+	0	0
ENSG00000101159	TEC	chr17	58095672	58101479	+	0.76	0.74
ENSG00000101212	unprocessed	chr21	9369285	9376645	-	0.17	0.19
ENSG00000101678	TEC	chr11	91013787	91015299	+	0.19	0
ENSG00000101570	processed	chr21	9580024	9580415	-	0	0
ENSG00000101316	TEC	chr10	26695091	26697625	-	0	0.02
ENSG00000101818	processed	chr21	8801362	8801880	-	0.14	0.12
ENSG00000101024	TEC	chr1	48262230	48263179	-	0	0
ENSG00000101212	lincRNA	chr22	36071000	36085573	+	0.09	0.05
ENSG00000101263	TEC	chr2	2.34E+08	2.34E+08	+	0	0
ENSG00000101018	processed	chr2	2.06E+08	2.06E+08	+	0.05	0.06
ENSG00000101543	TEC	chr18	69659837	69663413	+	0.03	0
ENSG00000101219	TEC	chr5	1858409	1859890	-	0	0
ENSG00000101556	TEC	chr7	1.43E+08	1.43E+08	-	0	0
ENSG00000101261	TEC	chr16	63397707	63397946	+	0	0
ENSG00000101507	TEC	chr21	6520344	6520670	-	0	0
ENSG00000101093	TEC	chr2	1.18E+08	1.18E+08	+	0.69	0.67
ENSG00000101345	TEC	chr16	29467161	29467578	+	0.3	0.87
ENSG00000101341	unprocessed	chr13	18331933	18348596	+	0	0
ENSG00000101463	antisense	chr5	98792861	98795766	-	0.02	0.08
ENSG00000101158	TEC	chr12	1.25E+08	1.25E+08	+	0.29	0.33
ENSG00000101166	TEC	chr15	78906127	78906809	+	0.1	0.43
ENSG00000101120	TEC	chr18	62551203	62552505	+	0.18	0.15
ENSG00000101212	TEC	chr13	1.1E+08	1.1E+08	-	0	0
ENSG00000101178	transcribed	chr10	42470082	42470268	-	0	0
ENSG00000101063	lincRNA	chr5	1.36E+08	1.36E+08	-	0	0
ENSG00000101022	lincRNA	chr11	65487241	65488136	-	0	0
ENSG00000101223	lincRNA	chrX	1.55E+08	1.55E+08	+	0.14	0
ENSG00000101286	TEC	chr11	61352244	61354477	+	0.16	0
ENSG00000101643	TEC	chr11	89533645	89534043	-	0	0
ENSG00000101491	TEC	chr16	49341663	49350554	+	0	0
ENSG00000101461	TEC	chr18	48755693	48756318	+	0.66	0.12
ENSG00000101780	TEC	chr17	19855747	19856164	+	0	0
ENSG00000101614	TEC	chr20	35262727	35264187	-	1.61	2.38
ENSG00000101536	TEC	chr2	46668870	46670778	+	0.35	0.45
ENSG0000010116c	TEC	chr16	707650	709067	+	0.73	0.81
ENSG00000101515	TEC	chr9	26642697	26644595	-	0	0
ENSG00000101334	TEC	chr17	80147250	80148596	+	0.3	0.38
ENSG00000101400	lincRNA	chr1	2.35E+08	2.35E+08	-	0	0.01

ENSG0000(CTD-3137H) TEC	chr19	18448275	18448802	+	0	0
ENSG0000(OR2L8) polymorph	chr1	2.48E+08	2.48E+08	+	0	0
ENSG0000(RP11-417J) TEC	chr5	8614356	8614696	+	0	0
ENSG0000(AC000123) TEC	chr7	1.27E+08	1.27E+08	-	1.02	1.3
ENSG0000(RP11-371I) TEC	chr11	20131730	20135465	+	0.04	0.06
ENSG0000(RP11-395L) TEC	chr2	1.14E+08	1.14E+08	-	1.96	2.95
ENSG0000(RP11-628M) TEC	chr15	65226472	65226697	-	0	0
ENSG0000(RP11-573N) TEC	chr11	93206990	93207583	-	0	0
ENSG0000(OR52R1) polymorph	chr11	4803433	4804380	-	0	0
ENSG0000(RP11-349F) TEC	chr8	17498647	17499238	-	0	0
ENSG0000(CTD-2526A) TEC	chr17	80463451	80465593	-	0	0
ENSG0000(RP11-533E) processed_	chrY	24362335	24362409	-	0	0
ENSG0000(RP11-756J) TEC	chr18	13279415	13280110	-	0	0
ENSG0000(CTA-345G4) TEC	chr16	23962951	23963351	+	0	0
ENSG0000(RP11-861A) TEC	chr3	1.08E+08	1.08E+08	-	0.03	0.11
ENSG0000(CH17-264L) lincRNA	chr22	22264601	22273020	+	0.13	0.14
ENSG0000(RP11-226N) TEC	chr17	57448218	57450291	+	0	0.03
ENSG0000(RP11-417L) TEC	chr12	1.32E+08	1.32E+08	+	0.49	0.39
ENSG0000(RP1-149M) TEC	chr6	41381392	41381832	-	0	0
ENSG0000(RP11-64C1) TEC	chr18	12199345	12200089	+	0	0
ENSG0000(RP11-248B) TEC	chr14	91572444	91575271	-	0.02	0
ENSG0000(RP11-736E) TEC	chr7	1.13E+08	1.13E+08	-	0	0
ENSG0000(RP3-331H2) TEC	chr6	71386852	71390829	-	0.2	0.12
ENSG0000(RP11-274A) TEC	chr16	81618505	81620563	+	0	0
ENSG0000(RP11-683C) TEC	chr11	79966805	79968708	+	0	0
ENSG0000(PRAL) TEC	chr17	6772831	6776116	-	0.07	0.02
ENSG0000(RP11-796A) TEC	chr11	89297717	89298199	+	0	0
ENSG0000(CTA-221G9) lincRNA	chr22	25251523	25252602	-	0.03	0
ENSG0000(AP000648) TEC	chr11	90125658	90126061	+	0	0
ENSG0000(CTD-3149D) TEC	chr19	17622447	17623338	+	0	0
ENSG0000(OR2T11) polymorph	chr1	2.49E+08	2.49E+08	-	0	0
ENSG0000(RP11-16P2) TEC	chr8	27701194	27703789	+	0.17	0.09
ENSG0000(CH507-236) TEC	chr21	7135334	7137789	-	0.03	0.03
ENSG0000(RP11-573N) TEC	chr11	93133855	93134164	+	0	0
ENSG0000(RP11-316N) TEC	chr3	1.54E+08	1.54E+08	-	0	0
ENSG0000(RP5-915N1) TEC	chr1	2.28E+08	2.28E+08	-	0.4	0.15
ENSG0000(RP11-130L) processed_	chr2	20529467	20529976	-	0	0
ENSG0000(RP11-123C) TEC	chr12	67065018	67065278	-	0	0
ENSG0000(RP11-170K) TEC	chr3	1.59E+08	1.59E+08	+	0.21	0.42
ENSG0000(RP3-331H2) TEC	chr6	71373253	71375387	-	0.52	0.14
ENSG0000(CH507-145) lincRNA	chr21	6994374	6997737	-	0	0
ENSG0000(RP1-257C2) TEC	chr13	31960325	31961946	-	0	0
ENSG0000(RP11-57H1) TEC	chr10	1.13E+08	1.13E+08	+	0	0
ENSG0000(AC006994) bidirection	chr2	2.1E+08	2.1E+08	+	0	0
ENSG0000(RP11-693N) TEC	chr18	44986109	44989203	+	0	0

ENSG00000103290	RP11-329N TEC	chr3	1.47E+08	1.47E+08	-	0.06	0.18
ENSG00000103291	RP11-555K lincRNA	chr21	9913117	9914846	+	0	0
ENSG00000103292	RP4-738P1 TEC	chr20	25226448	25226735	-	0	0
ENSG00000103293	RP11-93G2 TEC	chr1	49994318	49996218	+	0	0
ENSG00000103294	RP11-24H2 lincRNA	chr13	53193667	53198540	+	0	0
ENSG00000103295	RP5-1136A TEC	chr7	80972516	80974724	-	0	0
ENSG00000103296	RP11-203H TEC	chr3	1.26E+08	1.26E+08	-	0	0
ENSG00000103297	CTD-2553L TEC	chr19	34675717	34677581	-	0.78	1.09
ENSG00000103298	AJ003147.1 TEC	chr16	3273609	3275807	+	0.08	0.12
ENSG00000103299	RBM12B-A TEC	chr8	93740121	93740773	+	0	0
ENSG00000103300	RP11-799B TEC	chr18	24135468	24135829	-	0	0
ENSG00000103301	RP11-75I2. TEC	chr1	2.11E+08	2.11E+08	+	0	0.03
ENSG00000103302	RP11-83B2 TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG00000103303	AL353662. pseudogen	chr9	34201273	34201515	-	0	0
ENSG00000103304	CTD-2349P TEC	chr17	30724982	30725181	-	10.96	10.54
ENSG00000103305	CTD-2373H TEC	chr17	78897264	78900152	+	0.09	0.04
ENSG00000103306	RP11-667K TEC	chr17	2122342	2122508	-	0	0
ENSG00000103307	RP11-720D TEC	chr11	87718667	87721233	-	0	0
ENSG00000103308	RP11-677N sense_intr	chr11	1.25E+08	1.25E+08	-	0.17	0.42
ENSG00000103309	RP11-200K TEC	chr12	1.3E+08	1.3E+08	-	0	0
ENSG00000103310	RP11-44F1. TEC	chr16	53478957	53481550	-	0.11	0.03
ENSG00000103311	RP3-522J7. antisense	chr22	49805452	49807208	+	0	0.04
ENSG00000103312	RP11-85I17 TEC	chr8	1.2E+08	1.2E+08	-	0.21	0.04
ENSG00000103313	RP11-566E TEC	chr2	2.16E+08	2.16E+08	+	1.13	1.15
ENSG00000103314	RP11-147G TEC	chr3	1.13E+08	1.13E+08	-	0.04	0.02
ENSG00000103315	RP11-411B TEC	chr18	14010054	14010917	+	7.99	5.66
ENSG00000103316	RP11-864N TEC	chr11	74698231	74699658	-	0.12	0.09
ENSG00000103317	RP11-776B TEC	chr18	46915021	46915623	-	0	0
ENSG00000103318	AGPAT4-IT TEC	chr6	1.61E+08	1.61E+08	-	0.54	0.3
ENSG00000103319	RP11-429P TEC	chr16	50072862	50074986	+	0.03	0.12
ENSG00000103320	RP11-475D TEC	chr16	8666762	8667271	+	0.15	0.64
ENSG00000103321	RP11-688I TEC	chr11	1.27E+08	1.27E+08	-	0	0
ENSG00000103322	RP11-36D1 TEC	chr10	80249710	80254121	+	0	0
ENSG00000103323	RP11-946P TEC	chr12	1.1E+08	1.1E+08	-	0	0
ENSG00000103324	RP11-360N TEC	chr17	67637774	67638973	+	0	0
ENSG00000103325	RP11-463I2 TEC	chr15	34978351	34980084	+	0	0
ENSG00000103326	KB-176G8. TEC	chr21	36485867	36487760	+	0.18	0.16
ENSG00000103327	RP11-380N TEC	chr18	47912207	47912504	-	0	0
ENSG00000103328	RP11-157P TEC	chr18	47501172	47503106	+	0	0
ENSG00000103329	RP1-80N2. TEC	chr6	6685148	6686984	+	0	0
ENSG00000103330	RP11-51F1 TEC	chr17	63700847	63702670	+	0.74	0.41
ENSG00000103331	RP1-247F3 TEC	chr5	1.31E+08	1.31E+08	-	0	0
ENSG00000103332	RP11-1182 TEC	chr17	82035403	82035800	-	0	0
ENSG00000103333	RP11-650L TEC	chr15	78537681	78538946	+	0	0
ENSG00000103334	CH17-140K antisense	chr5	1.41E+08	1.41E+08	-	0	0

ENSG0000(RP11-292D) TEC	chr4	1.47E+08	1.47E+08	+	0	0
ENSG0000(AC003973) TEC	chr19	21965708	21968529	-	0	0
ENSG0000(RP11-70D2) TEC	chr16	79675685	79677715	-	0	0
ENSG0000(RP11-84N1) TEC	chr4	19257951	19258337	-	0	0
ENSG0000(bp-2171C2) processed_	chr21	9088188	9088391	+	0	0
ENSG0000(RP11-449J) TEC	chr17	76090308	76091669	+	0	0
ENSG0000(RP11-635L) TEC	chr4	1.69E+08	1.69E+08	+	0	0
ENSG0000(RP11-177C) TEC	chr4	37866561	37867091	-	0	0
ENSG0000(CTC-525D6) TEC	chr19	29506966	29509041	-	0	0
ENSG0000(RP11-897N) TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG0000(AF127577) TEC	chr21	15050189	15052379	+	0	0
ENSG0000(RP11-236J) TEC	chr11	8075573	8077781	-	0	0
ENSG0000(RP11-665C) processed_	chr14	55229217	55229681	+	0	0
ENSG0000(RP11-95G6) TEC	chr13	28495633	28497267	+	0	0
ENSG0000(RP11-81A1) TEC	chr15	79875920	79878179	-	0.19	0.19
ENSG0000(OR5L1 polymorph)	chr11	55811367	55812476	+	0	0
ENSG0000(AC130469) TEC	chr19	8575079	8576170	-	0	0
ENSG0000(RP11-196B) TEC	chr18	79515798	79516057	-	0	0
ENSG0000(RP3-429G5) TEC	chr6	1.08E+08	1.08E+08	+	0	0
ENSG0000(RP11-369J) TEC	chr10	80091411	80091867	-	0	0
ENSG0000(CTD-2353F) TEC	chr5	36667717	36669958	+	0.02	0
ENSG0000(GS1-204I1) TEC	chr1	1.86E+08	1.86E+08	+	0	0
ENSG0000(RP3-399J4) TEC	chr6	94397664	94398829	+	0	0
ENSG0000(CTD-2542C) TEC	chr19	20926777	20928714	-	0.09	0.24
ENSG0000(AC098795) TEC	chr19	56480397	56483977	-	0	0
ENSG0000(RP11-327E) TEC	chr10	71364243	71366374	+	0.08	0.2
ENSG0000(AC007191) TEC	chr19	45714387	45717381	-	0.69	0.6
ENSG0000(RP11-294C) protein_co	chr15	21651844	21653039	+	0	0
ENSG0000(RP11-133K) TEC	chr15	40258501	40260370	+	0	0.07
ENSG0000(RP11-1102) TEC	chr16	17192863	17194232	-	0	0
ENSG0000(RP11-489P) TEC	chr12	58103907	58105935	+	0	0
ENSG0000(RP11-394B) TEC	chr16	70713987	70716890	+	0	0
ENSG0000(AC112497) pseudogen	chrX	15702602	15703243	-	0	0
ENSG0000(bp-2171C2) processed_	chr21	9026821	9027329	-	0	0
ENSG0000(RP11-1102) TEC	chr16	17227023	17228000	-	0.31	0.28
ENSG0000(RP11-849I) TEC	chr18	79085134	79086435	+	0	0
ENSG0000(RP11-382B) TEC	chr15	30344307	30348236	-	2.85	2.61
ENSG0000(LINC00244) lincRNA	chr7	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP5-907C1) TEC	chr7	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-42H1) TEC	chr16	74053365	74053965	+	0	0
ENSG0000(RP11-335K) TEC	chr15	78599892	78600013	-	0	0
ENSG0000(RP11-641J) TEC	chrX	49165576	49165972	-	0	0
ENSG0000(RP11-671J) TEC	chr14	34541044	34541714	+	11.12	12.12
ENSG0000(CTD-2017D) TEC	chr19	24078481	24080669	+	0.13	0.11
ENSG0000(AC093230) TEC	chr19	8695721	8696321	-	0	0

ENSG00000101322	RP11-132F	TEC	chr16	52436772	52437474	-	0	0
ENSG00000101258	RP11-258F	TEC	chr17	18107334	18110463	-	0	0
ENSG00000100409	AC004009	TEC	chr7	27412164	27412891	+	0	0
ENSG0000010190A	RP11-190A	TEC	chr1	1.6E+08	1.6E+08	-	0	0
ENSG0000010218N	RP11-218N	TEC	chr17	30551193	30551802	+	0	0
ENSG0000010135N	RP11-135N	TEC	chr17	2639297	2642418	+	0.15	0.14
ENSG00000104B16	RP11-4B16	TEC	chr18	77108284	77110537	-	0.02	0.08
ENSG0000010185K1	RP11-85K1	TEC	chr14	35086035	35088059	+	0.13	0.14
ENSG0000010326L1	RP3-326L1	TEC	chrX	83506023	83509214	-	0	0
ENSG00000101678K	RP11-678K	TEC	chr11	91093875	91094260	-	0	0
ENSG00000102576N	CTD-2576N	TEC	chr18	25200976	25202837	-	0	0
ENSG0000010992D9	CTA-992D9	lincRNA	chr22	27019369	27024550	+	0	0
ENSG0000010A16c-313I	LA16c-313I	TEC	chr16	678645	679061	+	0	0
ENSG0000010A16c-60D	LA16c-60D	lincRNA	chr22	15298378	15304556	-	0.41	0.32
ENSG00000104669K1	RP4-669K1	TEC	chr1	28544460	28546542	+	0.19	0.12
ENSG000001011715H	RP11-715H	TEC	chr12	63151065	63154006	+	0	0
ENSG00000101983G	RP11-983G	unprocessed	chr15	21683038	21683962	+	0	0
ENSG0000010A005915	AC005915	TEC	chr5	1.27E+08	1.27E+08	+	0	0
ENSG00000104737E2	RP4-737E2	TEC	chr20	23071547	23072722	-	0	0
ENSG00000101154F2	RP11-54F2	TEC	chr5	10556582	10556815	+	0	0
ENSG0000010A006277	AC006277	TEC	chr19	2949035	2950644	+	0	0
ENSG00000103425C1	RP3-425C1	TEC	chr6	1.22E+08	1.22E+08	-	0.92	0.5
ENSG00000101178H	RP11-178H	TEC	chr11	93587703	93588559	+	0	0
ENSG00000101495K	RP11-495K	TEC	chr12	1.32E+08	1.32E+08	-	0	0
ENSG0000010187H9	RP11-87H9	TEC	chr9	41061290	41062917	+	0.73	0.5
ENSG00000101134P1	RP11-34P1	unprocessed	chr1	185217	195411	-	5.82	5.28
ENSG0000010CH17-335B	CH17-335B	processed	chr10	46370759	46382626	+	0	0
ENSG000001011826F	RP11-826F	TEC	chr11	70603304	70604859	+	0	0
ENSG000001011517N	RP11-517N	TEC	chr4	1.85E+08	1.85E+08	-	0	0
ENSG00000104592G7	RP4-592G7	processed	chr14	74003396	74003470	+	0	0
ENSG000001011604N	RP11-604N	TEC	chr12	1.25E+08	1.25E+08	+	0.1	0.12
ENSG00000101157H	RP11-157H	sense_intronic	chr13	73844683	73845130	-	0	0
ENSG0000010117P1	RP11-17P1	TEC	chr4	67607856	67610313	-	0.1	0.18
ENSG00000101144D5	RP11-44D5	TEC	chr3	15731877	15732536	+	0	0
ENSG000001011386I8	RP11-386I8	TEC	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000010KB-1125A3	KB-1125A3	antisense	chr22	23865248	23873277	-	0.03	0.06
ENSG000001011215P	RP11-215P	TEC	chr5	1.34E+08	1.34E+08	-	0	0
ENSG00000101182I2	RP11-182I2	TEC	chr5	51963992	51964445	+	0	0
ENSG0000010CH17-140K	CH17-140K	processed	chr5	1.41E+08	1.41E+08	+	0	0
ENSG000001022286N	CTD-2286N	TEC	chr18	79144752	79146918	+	0	0
ENSG000001011749H	RP11-749H	TEC	chr12	1.28E+08	1.28E+08	-	0	0
ENSG000001011391L	RP11-391L	TEC	chr16	81517824	81520617	+	0	0
ENSG0000010CH507-236	CH507-236	unprocessed	chr21	7003248	7007022	-	0	0
ENSG000001011200K	RP11-200K	TEC	chr12	1.3E+08	1.3E+08	+	0	0
ENSG00000101191I8	RP11-91I8	TEC	chr18	6727053	6728981	+	0	0

ENSG0000(RP13-977J):TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-181K):TEC	chr4	1.46E+08	1.46E+08	-	0.16	0.1
ENSG0000(RP11-401L):TEC	chr7	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-84E1):processed_chr7	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000(KLHL30-AS):TEC	chr2	2.38E+08	2.38E+08	-	0.24	0.15
ENSG0000(RP11-391A):TEC	chr2	63517892	63519268	-	0	0.14
ENSG0000(OR2AG1):protein_co	chr11	6785017	6786014	+	0	0
ENSG0000(AC004623):TEC	chr19	1372238	1374364	-	0.16	0
ENSG0000(RP11-392A):TEC	chr9	35001913	35003663	+	0	0
ENSG0000(CTD-2576D):TEC	chr16	17082295	17085049	-	0.02	0.04
ENSG0000(RP11-810P):TEC	chr11	61967794	61969490	+	0.03	0
ENSG0000(CH507-9B2):protein_co	chr21	5011799	5017145	+	0	0
ENSG0000(RP11-494C):lincRNA	chr22	49851425	49853364	+	0	0
ENSG0000(RP11-521B):TEC	chr14	1.05E+08	1.05E+08	+	0.44	0.43
ENSG0000(RP11-654C):TEC	chr11	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP11-7212):TEC	chr6	1.08E+08	1.08E+08	-	0	0
ENSG0000(RP11-490N):TEC	chr13	30196443	30196881	-	0	0
ENSG0000(RP11-21K1):TEC	chr12	1.29E+08	1.29E+08	-	0.62	0.92
ENSG0000(bp-2171C2):lincRNA	chr21	8996496	9018670	-	0	0
ENSG0000(RP11-354E):TEC	chr10	72756398	72757016	+	0	0
ENSG0000(RP11-30P1):TEC	chr9	90158028	90158646	+	0	0
ENSG0000(AD001527):TEC	chr19	36114362	36115146	+	0.53	0.18
ENSG0000(RP11-43N5):TEC	chr12	67753701	67753817	+	0	0
ENSG0000(RP11-723C):TEC	chr3	1.29E+08	1.29E+08	-	0	0
ENSG0000(RP11-329J):TEC	chr16	47218026	47218768	+	0	0
ENSG0000(RP11-676B):TEC	chr13	37142967	37146718	-	0	0
ENSG0000(RP11-575N):TEC	chr2	1.33E+08	1.33E+08	+	0	0
ENSG0000(RP4-675C2):TEC	chr1	1.17E+08	1.17E+08	+	0.24	0.07
ENSG0000(OR4C16):polymorph	chr11	55572128	55573060	+	0	0
ENSG0000(FAM230C):processed_chr13	chr13	18195297	18232024	+	0	0
ENSG0000(RP11-64J4):TEC	chr17	3309986	3311446	+	0	0
ENSG0000(AC083843):TEC	chr8	1.35E+08	1.35E+08	-	0.08	0.11
ENSG0000(RP11-288C):TEC	chr2	36839922	36842539	-	0.75	0.87
ENSG0000(RP11-2012):TEC	chr16	2516658	2517999	+	0.56	0.81
ENSG0000(RP11-314P):TEC	chr14	25820366	25822741	+	0	0
ENSG0000(CTC-487M):TEC	chr5	1.13E+08	1.13E+08	+	0.14	0.19
ENSG0000(RP11-461C):TEC	chr16	56108980	56109970	+	0	0
ENSG0000(GS1-306C1):TEC	chr7	95542145	95544542	+	0.05	0.12
ENSG0000(AC011239):TEC	chr2	23616499	23617987	-	0	0.04
ENSG0000(RP11-83B2):TEC	chr12	1.25E+08	1.25E+08	-	0	0
ENSG0000(RP11-1148):TEC	chrX	48580741	48581165	+	6.34	4.44
ENSG0000(CTD-3222D):antisense	chr19	16572624	16575340	+	0.56	0.4
ENSG0000(RP11-398J):TEC	chr12	70321542	70324274	-	0	0
ENSG0000(RP11-184E):TEC	chr5	25425412	25425599	-	0	0
ENSG0000(CTB-96E2):TEC	chr17	28373673	28374301	-	0	0

ENSG000001AP001340. TEC	chr21	25371827	25372043	+	0	0
ENSG000001AC113188. TEC	chr8	1.18E+08	1.18E+08	-	0	0.13
ENSG000001RP11-445N TEC	chr7	1.5E+08	1.5E+08	+	0.11	0
ENSG000001RP11-133K TEC	chr15	40244925	40247366	+	0	0
ENSG000001AC006486. TEC	chr19	42242775	42244973	+	0.05	0.08
ENSG000001CTC-444N2 TEC	chr19	57293083	57294469	-	0	0
ENSG000001RP11-963H TEC	chr17	10821901	10822243	-	0	0
ENSG000001RP11-1147 TEC	chr18	37473330	37473977	-	0	0
ENSG000001AL133243. TEC	chr2	32563328	32566436	+	0.01	0.02
ENSG000001CTA-243E7 antisense	chr22	25022594	25024652	-	0	0
ENSG000001AP000437. TEC	chr11	61143380	61145464	-	0.08	0.03
ENSG000001RP11-165I9 TEC	chr13	25190063	25190317	-	0	0
ENSG000001RP11-588G TEC	chr12	69660034	69661429	-	0	0
ENSG000001CTA-113A6 TEC	chr16	24208105	24208478	+	0	0
ENSG000001RP11-426D TEC	chr17	57277920	57280017	+	0.11	0
ENSG000001CTD-2210P TEC	chr5	43586367	43587543	-	0.15	0.08
ENSG000001CH17-140K lincRNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG000001RP11-739A TEC	chr2	1.81E+08	1.81E+08	+	0	0
ENSG000001RP11-4L24. TEC	chr9	41269916	41273997	-	0.05	0.02
ENSG000001RP11-667K TEC	chr17	2117626	2117772	+	0	0
ENSG000001RP4-57001 TEC	chr6	88172261	88175762	+	0	0
ENSG000001RP11-849N TEC	chr17	15365323	15365877	+	0	0
ENSG000001RP11-20123 TEC	chr16	2575628	2577373	-	0.19	0.07
ENSG000001RP11-394B TEC	chr16	70661667	70665836	+	0.04	0.2
ENSG000001CTD-2357A TEC	chr17	78691266	78691979	-	0	0
ENSG000001RP11-56D1 lincRNA	chr9	1.28E+08	1.28E+08	-	0.35	0.19
ENSG000001RP11-13K1 TEC	chr17	77571418	77572516	+	0	0
ENSG000001RP11-855A TEC	chr17	67955314	67957291	+	2.43	2.9
ENSG000001RP11-271F TEC	chr10	10394670	10395737	+	0	0
ENSG000001RP4-815D2 TEC	chr7	48847766	48851625	+	0	0
ENSG000001LINC01666 lincRNA	chr21	8759077	8761335	+	0.4	0.49
ENSG000001RP11-243N TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG000001RP11-368N TEC	chr16	29595130	29596137	-	0.06	0.09
ENSG000001AC005593. TEC	chr5	1.32E+08	1.32E+08	+	0	0
ENSG000001GS1-115M. TEC	chrX	1.46E+08	1.46E+08	+	0	0
ENSG000001AP000711. TEC	chr11	1.18E+08	1.18E+08	-	0	0
ENSG000001RP1-278D1 TEC	chrX	1.18E+08	1.18E+08	-	0	0
ENSG000001RP11-76I7. TEC	chr15	1.01E+08	1.01E+08	-	0.03	0.02
ENSG000001RP11-454F TEC	chr16	53310797	53311989	+	0	0.11
ENSG000001AC005786. TEC	chr19	3567278	3567959	-	0	0
ENSG000001AC002044. TEC	chr16	73015047	73016016	-	0	0
ENSG000001RP11-417N TEC	chr16	71859680	71860676	+	0.06	0.07
ENSG000001RP11-131H TEC	chr14	93895762	93897759	+	0.05	0
ENSG000001RP11-950C TEC	chr14	75011269	75012851	-	0.04	0.08
ENSG000001RP11-854K TEC	chr15	21148334	21152970	+	0	0

ENSG00000104100	RP4-566L2 lincRNA	chr22	49534062	49534926	+	0	0
ENSG00000104101	RP11-65L3 TEC	chr2	1.79E+08	1.79E+08	+	0.02	0
ENSG00000104102	AC005514 TEC	chr19	3371395	3371602	+	0	0
ENSG00000104103	RP11-637C TEC	chr17	78008421	78008855	+	0	0
ENSG00000104104	CTA-38K21 TEC	chrX	1.2E+08	1.2E+08	+	0.02	0.02
ENSG00000104105	CTD-3014M TEC	chr17	43360041	43361361	-	0.18	0.05
ENSG00000104106	RP11-796A TEC	chr11	89300709	89301477	-	0	0
ENSG00000104107	RP11-542N TEC	chr16	86035627	86036419	+	0	0
ENSG00000104108	RP11-661A TEC	chr8	1.44E+08	1.44E+08	+	0.03	0.04
ENSG00000104109	RP11-502F TEC	chr17	56471142	56473647	+	0	0
ENSG00000104110	RP11-348J lincRNA	chr10	93071972	93073466	+	0	0
ENSG00000104111	RP11-182N TEC	chr9	35038625	35044326	-	0.01	0.08
ENSG00000104112	RP11-235C TEC	chr9	1.06E+08	1.06E+08	+	0	0
ENSG00000104113	C20orf181 TEC	chr20	63843436	63843915	-	0	0
ENSG00000104114	CTD-2619J TEC	chr19	58350795	58351720	+	0.47	1.03
ENSG00000104115	RP13-638C TEC	chr17	82648849	82650657	+	0.03	0.07
ENSG00000104116	bP-2168N6 processed	chr21	8680538	8680934	-	0	0
ENSG00000104117	RP11-102H1 TEC	chr6	87356831	87358605	+	0.1	0.07
ENSG00000104118	AC005796 TEC	chr19	17871273	17871705	-	0	0
ENSG00000104119	CTD-2527I TEC	chr19	35137645	35139580	-	0.12	0.16
ENSG00000104120	RP11-1102 TEC	chr16	17249674	17251395	-	0	0
ENSG00000104121	RP11-67A1 TEC	chr16	68199841	68200981	-	0	0
ENSG00000104122	RP11-254F TEC	chr16	84917377	84919923	-	0	0
ENSG00000104123	RP11-399C sense_intr	chr10	21865335	21865921	-	0	0
ENSG00000104124	RP11-415K TEC	chr1	22364630	22366482	-	0	0
ENSG00000104125	DUX4L28 unprocess	chr10	1.34E+08	1.34E+08	+	0	0
ENSG00000104126	RP11-467L TEC	chr15	20658900	20664970	+	0	0
ENSG00000104127	RP11-426J TEC	chr18	48661840	48662635	-	0	0
ENSG00000104128	AC190387 TEC	chr12	1.09E+08	1.09E+08	-	0	0
ENSG00000104129	RP11-573G TEC	chr10	22252072	22254589	+	0.63	0.53
ENSG00000104130	RP11-286N TEC	chr11	61426448	61427325	-	0.15	0.15
ENSG00000104131	RP11-442G TEC	chr14	61801713	61803634	+	0	0
ENSG00000104132	RP11-143A TEC	chr5	8980404	8980659	-	0	0
ENSG00000104133	LINC00216 lincRNA	chr14	58288033	58289158	+	0	0
ENSG00000104134	RP11-196B TEC	chr18	79420836	79422780	+	0	0.03
ENSG00000104135	CTD-2081C TEC	chr5	54286194	54286331	-	0	0
ENSG00000104136	RP11-294C unprocess	chr15	21574225	21575207	-	0	0
ENSG00000104137	RP13-977J TEC	chr12	1.32E+08	1.32E+08	-	0	0
ENSG00000104138	CTD-2545C TEC	chr17	7242200	7243814	+	0.18	0.08
ENSG00000104139	RP5-1033E TEC	chr22	44486295	44486914	-	0	0
ENSG00000104140	RP11-759A TEC	chr15	96285068	96289265	-	0	0
ENSG00000104141	CH507-254 unprocess	chr21	7385058	7388799	-	0	0
ENSG00000104142	AP000432 TEC	chr21	17705408	17707455	+	0.14	0.15
ENSG00000104143	RP11-96D1 TEC	chr16	68290087	68292790	-	0.1	0.07
ENSG00000104144	RP11-989F TEC	chr12	1.31E+08	1.31E+08	-	0	0

ENSG00000178B3.1 lincRNA	chr22	35992321	36000469	+	0.01	0
ENSG0000012225.1 TEC	chr19	2002580	2003581	-	0.25	0.07
ENSG0000012225.1 TEC	chr7	27380562	27381206	+	0	0
ENSG0000012225.1 TEC	chr14	23023083	23024217	-	0.11	0
ENSG0000012225.1 TEC	chr13	60730176	60733600	+	0	0
ENSG0000012225.1 antisense	chr3	97836986	97874691	-	0	0
ENSG0000012225.1 TEC	chr6	79573877	79575530	+	0.27	0.19
ENSG0000012225.1 TEC	chr17	15260513	15261841	+	0.04	0.1
ENSG0000012225.1 TEC	chr16	10445309	10449747	-	0.27	0.29
ENSG0000012225.1 TEC	chr2	16541690	16545695	-	0	0
ENSG0000012225.1 TEC	chr15	50742702	50743276	-	0	0
ENSG0000012225.1 TEC	chr16	35903117	35904916	+	0	0
ENSG0000012225.1 TEC	chr1	40473055	40474059	+	0	0.2
ENSG0000012225.1 lincRNA	chr17	33827728	34079100	-	0.31	0.08
ENSG0000012225.1 lincRNA	chr21	5232668	5243833	-	0	0
ENSG0000012225.1 TEC	chr9	21892188	21893857	+	0	0.11
ENSG0000012225.1 TEC	chr5	25349841	25350073	+	0	0
ENSG0000012225.1 TEC	chr11	779617	780755	+	2.35	2.07
ENSG0000012225.1 TEC	chr3	1.71E+08	1.71E+08	+	0.62	0.42
ENSG0000012225.1 TEC	chr17	34000789	34006772	-	0	0
ENSG0000012225.1 TEC	chr11	40107244	40112599	-	0	0
ENSG0000012225.1 TEC	chr19	50962197	50962781	-	0	0
ENSG0000012225.1 TEC	chr13	51921251	51921587	+	0	0
ENSG0000012225.1 TEC	chr18	37305295	37306333	-	0	0
ENSG0000012225.1 TEC	chr5	1.43E+08	1.43E+08	-	0	0
ENSG0000012225.1 TEC	chr16	81617038	81617543	-	0	0
ENSG0000012225.1 TEC	chrX	7489659	7491199	+	0	0
ENSG0000012225.1 TEC	chr15	56795382	56795522	+	0	0
ENSG0000012225.1 TEC	chr11	93286629	93288903	-	0	0
ENSG0000012225.1 sense_intronic	chr17	45895783	45898798	+	0	0
ENSG0000012225.1 protein_coding	chr5	1.39E+08	1.39E+08	-	0.3	0.13
ENSG0000012225.1 antisense	chr21	5073458	5087867	+	0	0
ENSG0000012225.1 unprocessed_transcript	chr9	65878766	65894790	+	0	0
ENSG0000012225.1 TEC	chr10	73769264	73772862	-	0.43	0.25
ENSG0000012225.1 TEC	chr21	32790673	32791504	-	0	0
ENSG0000012225.1 TEC	chr5	1.33E+08	1.33E+08	+	0	0
ENSG0000012225.1 TEC	chr17	81395609	81397144	-	0.07	0.33
ENSG0000012225.1 TEC	chr16	68367325	68370262	-	0	0.1
ENSG0000012225.1 TEC	chr15	78339208	78341757	-	0	0
ENSG0000012225.1 TEC	chr13	25141536	25141809	+	0	0
ENSG0000012225.1 TEC	chr11	93726654	93729805	-	0.22	0.41
ENSG0000012225.1 TEC	chr11	89545128	89545744	+	0	0
ENSG0000012225.1 TEC	chr5	9498401	9498775	-	0	0
ENSG0000012225.1 TEC	chr22	30275215	30276951	-	0.02	0.21
ENSG0000012225.1 TEC	chr12	1.33E+08	1.33E+08	+	0.3	0.33

ENSG0000(CTD-2028E TEC	chr11	87490144	87491110	+	0	0
ENSG0000(RP11-347N TEC	chr13	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-364P TEC	chr4	1.58E+08	1.58E+08	-	0	0
ENSG0000(RP13-895J TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-758N TEC	chr15	80014157	80015707	+	0	0
ENSG0000(RP11-561C TEC	chr9	68250469	68251656	-	0	0
ENSG0000(RP11-380N TEC	chr18	47866839	47867367	+	0	0
ENSG0000(CTD-2335A TEC	chr15	89358841	89360377	+	0	0
ENSG0000(CH507-254 unprocessε	chr21	6309161	6312948	+	0	0
ENSG0000(AP004782. TEC	chr11	1.33E+08	1.33E+08	+	0.02	0
ENSG0000(CTA-280A3 lincRNA	chr22	47916728	47926264	+	0.1	0.1
ENSG0000(CTD-3035K TEC	chr17	62679403	62681354	-	0	0
ENSG0000(CTA-212A2 lincRNA	chr22	36091148	36093352	+	0.07	0.15
ENSG0000(RP11-403N TEC	chr9	79913269	79915736	+	0	0
ENSG0000(AC006128. TEC	chr19	15398696	15400356	+	0.03	0.15
ENSG0000(LLNLF-158I TEC	chr19	15904556	15907234	+	0	0
ENSG0000(SNX18P12 processed_	chr21	9364467	9365225	-	0.85	0.56
ENSG0000(RP11-81A1 TEC	chr15	79989905	79990606	+	0	0
ENSG0000(bP-2171C2 processed_	chr21	9082601	9083101	-	0.3	0
ENSG0000(RP11-416H TEC	chr2	1.22E+08	1.22E+08	+	0.08	0.09
ENSG0000(RP11-44F1. TEC	chr16	53487607	53489943	-	0.16	0.14
ENSG0000(AC005086. pseudogen	chr7	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-288A TEC	chr10	1.28E+08	1.28E+08	-	0	0
ENSG0000(AC005609. antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG0000(LINC02033 lincRNA	chr3	36819276	36822498	-	0.25	0
ENSG0000(CH507-236 unprocessε	chr21	6712596	6716361	+	0	0
ENSG0000(RP11-14N9 TEC	chr16	16760905	16762465	+	0	0
ENSG0000(SETD8P1 processed_	chr13	18297554	18298733	+	0	0
ENSG0000(RP11-319G TEC	chr16	78981722	78981843	-	0	0
ENSG0000(RP11-685B TEC	chr11	88165575	88167691	-	0	0
ENSG0000(RP11-675P TEC	chr18	30780006	30780424	+	1.11	0
ENSG0000(RP11-701H TEC	chr15	25091960	25092377	-	0	0
ENSG0000(RP11-79C6 TEC	chr5	35895689	35896020	-	0	0
ENSG0000(RP5-1014D sense_ovei	chr22	37876148	37895563	+	0.12	0.16
ENSG0000(CTB-105N1 TEC	chr5	1.68E+08	1.68E+08	+	0	0
ENSG0000(RP11-44F1. TEC	chr16	53389886	53390563	+	0	0
ENSG0000(RP11-700A TEC	chr11	85852557	85854943	-	0.36	0.35
ENSG0000(CTB-43I4.1 TEC	chr17	51761260	51763397	-	0	0
ENSG0000(RP13-20L1. TEC	chr17	82462601	82464255	+	0.82	0.41
ENSG0000(RP11-495K TEC	chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(CTA-363E6 TEC	chr16	19503861	19504625	+	0	0
ENSG0000(CTD-3222D TEC	chr19	16586905	16589409	+	0.2	0.17
ENSG0000(RP11-625B TEC	chr4	1.37E+08	1.37E+08	+	0	0
ENSG0000(RP11-33H1 lincRNA	chrX	52053176	52055684	+	0	0
ENSG0000(CH507-210 lincRNA	chr21	6904884	6906692	+	0	0

ENSG0000(CTB-174D1 TEC	chr5	1.69E+08	1.69E+08	-	0	0
ENSG0000(AC011558. TEC	chr19	1038727	1039064	-	0.28	0.62
ENSG0000(RP11-309J. TEC	chr13	73399031	73399205	+	0	0
ENSG0000(RP11-191F TEC	chr5	10064243	10064476	-	0	0
ENSG0000(CTD-2385L TEC	chr16	23753689	23755939	-	0	0
ENSG0000(CTD-2326C TEC	chr16	72973374	72973832	-	0	0
ENSG0000(RP11-752G TEC	chr15	82738386	82739122	+	0	0
ENSG0000(CTC-425O2 TEC	chr19	40355842	40360606	+	1.33	1.44
ENSG0000(OR5D13 polymorph	chr11	55773438	55774382	+	0	0
ENSG0000(RP11-227G antisense	chr17	32423971	32446038	-	0	0
ENSG0000(RP11-441F TEC	chr16	56306845	56308335	+	0	0
ENSG0000(RP11-437B protein_co	chr15	92883413	92949230	+	0.4	1.42
ENSG0000(RP11-642A TEC	chr8	1.41E+08	1.41E+08	-	0.1	0
ENSG0000(AL513523.: protein_co	chr1	1.54E+08	1.54E+08	-	0.05	0
ENSG0000(CH507-42P TEC	chr21	6034690	6036093	+	0.04	0.05
ENSG0000(LINC00552 TEC	chr13	1.14E+08	1.14E+08	-	0	0.02
ENSG0000(AP000997. TEC	chr11	1.16E+08	1.16E+08	+	0	0
ENSG0000(CTD-2169H TEC	chr5	1.24E+08	1.24E+08	-	0	0
ENSG0000(AL050303.: TEC	chr21	13679300	13681138	-	0.03	0
ENSG0000(RP11-278H TEC	chr1	2.44E+08	2.44E+08	+	0	0
ENSG0000(RP5-1028K TEC	chr17	40597113	40598585	-	0	0
ENSG0000(RP11-60A1 TEC	chr1	87805286	87808372	-	0.11	0.12
ENSG0000(RP11-152O TEC	chr16	52081568	52082096	-	0	0
ENSG0000(RP11-586K TEC	chr16	32786394	32787379	+	0.12	0.14
ENSG0000(RP11-466A TEC	chr17	32518322	32518934	-	0	0
ENSG0000(PPIAL4F protein_co	chr1	1.45E+08	1.45E+08	+	0	0
ENSG0000(RP11-555K processed_	chr21	9810501	9810848	+	0	0
ENSG0000(CH507-39C lincRNA	chr21	5705345	5707160	+	0	0
ENSG0000(GS1-124K5 TEC	chr7	66474556	66475749	+	0	0
ENSG0000(CTD-2014D TEC	chr8	1.41E+08	1.41E+08	-	0	0
ENSG0000(CH507-154 unprocess	chr21	6676178	6679962	-	0	0
ENSG0000(CTD-2574D TEC	chr16	29913144	29915337	-	0.9	0.92
ENSG0000(RP11-374N TEC	chr6	73971346	73973115	+	0.23	0.07
ENSG0000(RP11-499E TEC	chr2	97094935	97097433	+	0.07	0
ENSG0000(RP11-893F TEC	chr17	50362967	50365232	-	0	0.03
ENSG0000(RP11-665E TEC	chr11	87816999	87817567	+	0	0
ENSG0000(CTD-2621I. TEC	chr19	56149817	56150490	+	0.4	0.98
ENSG0000(RP11-586K TEC	chr16	32787962	32788944	+	0.06	0
ENSG0000(RP11-317F TEC	chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-432J. lincRNA	chr13	61424689	61427946	-	0	0
ENSG0000(RP11-528N TEC	chr12	97563257	97563971	-	0	0
ENSG0000(AC006077. TEC	chr5	1.35E+08	1.35E+08	+	0.34	0.38
ENSG0000(BCLAF1P2 processed_	chr16	34266041	34268649	-	0	0
ENSG0000(RP11-75C1 TEC	chr17	77444704	77447167	+	0.2	0.36
ENSG0000(RP11-407G TEC	chr16	57142652	57144936	+	0.12	0.16

ENSG00000180100	PRAMEF18 protein_coding	chr1	13222705	13226106	-	0	0
ENSG00000180101	CTA-212A2	TEC chr22	36137430	36139350	-	0.06	0.19
ENSG00000180102	RP11-5809	TEC chr17	40473554	40475289	-	0	0
ENSG00000180103	CTC-510F1	TEC chr19	11208195	11208702	+	0.3	0
ENSG00000180104	AC005538	TEC chr2	2.34E+08	2.34E+08	-	0.14	1.64
ENSG00000180105	RP3-495K2	TEC chr6	1.69E+08	1.69E+08	+	0	0
ENSG00000180106	RP11-862L	TEC chr18	77002849	77006846	-	0	0.01
ENSG00000180107	CTD-2545G	TEC chr17	7192295	7192448	-	0	0
ENSG00000180108	WI2-1959D	TEC chr9	1.36E+08	1.36E+08	+	0	0
ENSG00000180109	RP11-399K	TEC chr10	75450081	75451725	+	0	0
ENSG00000180110	RP11-394B	TEC chr16	70768356	70768785	+	0	0
ENSG00000180111	RP11-386I	TEC chr12	1.33E+08	1.33E+08	-	0	0
ENSG00000180112	CTC-774J1	TEC chr11	1.16E+08	1.16E+08	-	0	0
ENSG00000180113	RP11-142L	TEC chr10	22693953	22694639	-	0	0
ENSG00000180114	RP11-1334	TEC chr5	1.77E+08	1.77E+08	-	0.53	0.71
ENSG00000180115	RP11-541M	TEC chr10	48443836	48445820	-	0.14	0.06
ENSG00000180116	CTC-457L1	TEC chr17	19030857	19033529	+	0	0
ENSG00000180117	RP11-886P	TEC chr19	8444570	8445597	-	0.24	0.06
ENSG00000180118	RP11-63I8	TEC chr18	46385707	46387083	+	0	0
ENSG00000180119	RP4-742C1	antisense chr22	39133090	39136760	+	0.02	0
ENSG00000180120	RP11-775C	TEC chr15	81060953	81063488	+	0	0
ENSG00000180121	RP4-811M	TEC chr20	51098138	51098845	+	0	0
ENSG00000180122	RP11-648C	TEC chr11	87121058	87121596	+	0	0
ENSG00000180123	RP11-504G	TEC chr11	18601882	18602649	+	0.17	0.46
ENSG00000180124	RP4-635A2	TEC chr1	1.85E+08	1.85E+08	-	0	0.03
ENSG00000180125	RP11-193J	TEC chr1	3205988	3208664	+	0	0
ENSG00000180126	RP1-228P1	TEC chr12	47960497	47963469	-	0.05	0
ENSG00000180127	RP11-274A	TEC chr16	81630193	81632038	+	0	0
ENSG00000180128	RP11-305A	TEC chr16	49900019	49900524	+	0	0
ENSG00000180129	RP11-20F1	TEC chr2	1.61E+08	1.61E+08	-	0	0
ENSG00000180130	RP11-6L6.4	TEC chr4	1.46E+08	1.46E+08	+	0	0
ENSG00000180131	RP11-20G1	TEC chr15	99497812	99498375	-	0	0
ENSG00000180132	C8orf87	lincRNA chr8	93134095	93166850	-	0	0
ENSG00000180133	CTA-992D9	lincRNA chr22	27044001	27045315	+	0	0
ENSG00000180134	CH507-216	lincRNA chr21	10122273	10129029	+	0.03	0.16
ENSG00000180135	RP11-91J1	TEC chr8	486117	488512	-	0	0
ENSG00000180136	RP5-844F9	TEC chr7	44367140	44369292	-	0	0.03
ENSG00000180137	AC005618	antisense chr5	1.41E+08	1.41E+08	-	0.34	0
ENSG00000180138	CTD-2300H	TEC chr16	77104260	77105297	+	0	0
ENSG00000180139	RP11-618M	TEC chr8	19375128	19375622	-	0	0
ENSG00000180140	RP11-539L	TEC chr4	6691995	6692970	-	0.21	0
ENSG00000180141	CTC-546K2	TEC chr5	1.21E+08	1.21E+08	+	0	0
ENSG00000180142	RP11-43N1	TEC chr19	47487638	47489519	-	0.76	0.94
ENSG00000180143	RP11-423E	TEC chr3	1.72E+08	1.72E+08	-	0	0
ENSG00000180144	RP11-521C	TEC chr10	50334538	50336123	+	0	0

ENSG00000100000	RP11-570J processed	chr21	9558970	9559155	+	0	0
ENSG00000100000	RP11-69M TEC	chr12	8080381	8082163	-	0.13	0
ENSG00000100000	CTD-2026A TEC	chr5	25716271	25716715	+	0	0
ENSG00000100000	RP11-59D14 TEC	chr17	2424179	2424412	-	1.05	4.34
ENSG00000100000	LINC01126 lincRNA	chr2	43227210	43228855	+	0.24	0.38
ENSG00000100000	RP11-329A TEC	chr2	1.24E+08	1.24E+08	-	0	0
ENSG00000100000	RP11-474C TEC	chr12	48189349	48191207	+	0	0
ENSG00000100000	RP11-24J1 TEC	chr2	1.46E+08	1.46E+08	-	0	0
ENSG00000100000	RP11-420N processed	chr16	5239802	6776014	+	0.08	0
ENSG00000100000	RP11-286N TEC	chr11	61525708	61526602	-	0.21	0
ENSG00000100000	RP11-1072 TEC	chr17	44689858	44693340	+	0.06	0
ENSG00000100000	RP11-855A TEC	chr17	67973934	67976072	+	0	0.03
ENSG00000100000	RP11-513C TEC	chr8	48428143	48431041	-	0.45	0.31
ENSG00000100000	CTB-151G2 TEC	chr19	27639300	27639665	-	13.53	13.54
ENSG00000100000	CTD-2315N TEC	chr5	55484403	55485086	+	0	0
ENSG00000100000	RP11-483E TEC	chr2	1.75E+08	1.75E+08	-	0	0
ENSG00000100000	RP11-637N TEC	chr18	6394847	6398020	-	0	0
ENSG00000100000	RP11-219G TEC	chr17	78250346	78250932	-	0	0
ENSG00000100000	RP11-264L TEC	chr16	78525189	78526535	-	0	0
ENSG00000100000	RP11-451N TEC	chr16	58705799	58706297	-	0	0
ENSG00000100000	FLJ42393 TEC	chr3	1.88E+08	1.88E+08	+	0	0
ENSG00000100000	GHc-857Gc TEC	chrX	1.04E+08	1.04E+08	+	0.02	0.13
ENSG00000100000	CH507-254 unprocessed	chr21	7421442	7425839	-	0	0
ENSG00000100000	BIRC6-AS2 antisense	chr2	32557520	32574818	-	0	0
ENSG00000100000	RP11-113K TEC	chr11	83083687	83084138	+	0	0.19
ENSG00000100000	CTD-2270P TEC	chr16	2683106	2684764	+	0.07	0
ENSG00000100000	RP11-349F TEC	chr8	17500012	17500605	+	0.24	0
ENSG00000100000	CTD-2015C TEC	chr2	1.05E+08	1.05E+08	+	0	0
ENSG00000100000	RP11-117L TEC	chr12	1.3E+08	1.3E+08	+	0.04	0
ENSG00000100000	RP11-568J TEC	chr16	85859521	85862012	+	0	0
ENSG00000100000	RP11-325I TEC	chr5	1383159	1386409	-	0	0.02
ENSG00000100000	RP11-113E TEC	chr10	85526880	85531115	-	0	0
ENSG00000100000	RP11-624A TEC	chr15	32182551	32186475	+	3.35	3.43
ENSG00000100000	AP001962 TEC	chr4	99844138	99844696	+	0	0
ENSG00000100000	CTA-992D9 lincRNA	chr22	27040197	27041494	+	0.05	0
ENSG00000100000	RP11-360N TEC	chr17	67611277	67613822	+	0.02	0.02
ENSG00000100000	AC006840 TEC	chr4	19098199	19098740	+	0	0
ENSG00000100000	RP11-618N TEC	chr8	19277284	19277573	+	0	0
ENSG00000100000	LINC01651 lincRNA	chr22	21354563	21355763	+	0	0
ENSG00000100000	CTD-2008E TEC	chr5	31558573	31559875	+	0.22	0.05
ENSG00000100000	RP11-341D unprocessed	chr13	18174010	18178465	-	0	0
ENSG00000100000	RP11-481J TEC	chr12	1.11E+08	1.11E+08	+	0	0
ENSG00000100000	RP3-406P2 TEC	chr6	3982673	3984130	+	0	0
ENSG00000100000	CTA-212A2 lincRNA	chr22	36066533	36070110	+	0	0
ENSG00000100000	ABC7-4304 unprocessed	chr1	182696	184174	+	0	0

ENSG000001145E	TEC	chr9	1.34E+08	1.34E+08	+	0	0
ENSG0000014631	TEC	chr16	1437154	1439315	+	0	0
ENSG0000011311	TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG0000011349	sense_intronic	chr8	17510613	17511300	+	0.1	0
ENSG0000016710	TEC	chr22	44183031	44187739	-	0	0.01
ENSG0000011447	TEC	chr9	1.35E+08	1.35E+08	+	0	0
ENSG0000012086	TEC	chr19	37401404	37403846	-	0	0
ENSG0000011734	TEC	chr12	89544203	89544488	-	0	0
ENSG0000011243	TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG000001153P	TEC	chr6	37567716	37571460	+	0	0
ENSG0000013857	TEC	chr4	1.86E+08	1.86E+08	-	0.13	0
ENSG0000011970	TEC	chr15	88477871	88478387	-	0	0
ENSG000001176K	TEC	chr1	2.07E+08	2.07E+08	+	0	0.04
ENSG0000012233	TEC	chr19	46946535	46949156	+	0.1	0.07
ENSG00000110A1	lincRNA	chr8	9158063	9158621	+	0	0
ENSG0000011264	TEC	chr13	20092632	20094144	+	0	0
ENSG0000011483	TEC	chr12	1.27E+08	1.27E+08	+	0	0
ENSG0000011338	TEC	chr12	1.24E+08	1.24E+08	+	0.08	0.04
ENSG0000011285	antisense	chr22	45875932	45879247	+	0	0.02
ENSG0000011221	transcribed	chr9	65865190	65877274	-	0	0
ENSG0000011310	protein_coding	chr2	48632291	48755724	-	0.03	0.09
ENSG000001141B	TEC	chr2	1.14E+08	1.14E+08	+	0	0
ENSG0000011201	TEC	chr15	33105758	33106236	-	0	0
ENSG0000012621	TEC	chr19	56127236	56127466	-	0	0
ENSG000001181K	TEC	chr6	1.33E+08	1.33E+08	+	0.06	0
ENSG00000105R1	polymorphic	chr11	56417258	56418232	-	0	0
ENSG0000011720	TEC	chr18	13710249	13710484	-	0	0
ENSG000001169J	TEC	chr2	2.3E+08	2.3E+08	-	0	0
ENSG0000011472	TEC	chr13	1.1E+08	1.1E+08	+	0	0
ENSG000001159G	unprocessed	chr19	22770375	22770622	+	0	0
ENSG0000011507	TEC	chr21	8101251	8103706	-	0.03	0.03
ENSG00000115Q2	protein_coding	chr6	1.39E+08	1.39E+08	-	0.02	0.48
ENSG0000011299	TEC	chr15	1.01E+08	1.01E+08	-	0.24	0.18
ENSG0000012553	TEC	chr19	34645380	34646838	+	0	0
ENSG0000011354	TEC	chr14	41514972	41515350	-	0	0
ENSG00000122CB	lincRNA	chr22	11066418	11068174	+	0	0
ENSG0000011243	TEC	chr12	1.31E+08	1.31E+08	+	0	0
ENSG000001222D	TEC	chr19	16610374	16612203	-	0.03	0.04
ENSG0000012154	TEC	chr5	10675317	10675575	-	0	0
ENSG00000115A1	TEC	chr15	90347587	90349437	+	0.06	0
ENSG000001196B	TEC	chr18	79496058	79498348	+	0	0.03
ENSG000001145A	TEC	chr10	1.32E+08	1.32E+08	+	0.05	0.06
ENSG0000011740	protein_coding	chr5	1.41E+08	1.41E+08	+	0	0
ENSG000001143P	TEC	chr5	61114432	61116753	-	0	0
ENSG0000010081	sense_intronic	chr22	18883502	18884682	-	0	0

ENSG00000101551	RP11-158H TEC	chr18	35257040	35257512	+	0.65	0
ENSG00000101552	RPSAP68 processed	chr21	8603547	8603984	+	0	0
ENSG00000101553	RP11-190D TEC	chr16	78166717	78168514	-	0	0
ENSG00000101554	RP11-76C1 TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG00000101555	RP11-312A TEC	chr4	1.58E+08	1.58E+08	-	0	0.08
ENSG00000101556	RP11-1250 TEC	chr5	34124162	34124385	-	0	0
ENSG00000101557	CTB-139P1 TEC	chr7	75625089	75626970	-	0	0.07
ENSG00000101558	RP11-56L1 TEC	chr16	32185624	32186311	+	0	0
ENSG00000101559	CH507-210 lincRNA	chr21	6789592	6812297	+	0	0
ENSG00000101560	AL353997 processed	chr17	18424321	18425097	+	0	0
ENSG00000101561	RP11-509E TEC	chr16	6037210	6038977	+	0.03	0
ENSG00000101562	RP11-76C1 TEC	chr12	1.31E+08	1.31E+08	-	0	0
ENSG00000101563	RP11-330H TEC	chr3	52217016	52219012	-	0	0
ENSG00000101564	AC005086 pseudogen	chr7	1.02E+08	1.02E+08	-	0	0
ENSG00000101565	RP11-9N12 antisense	chr4	1.54E+08	1.54E+08	+	0	0
ENSG00000101566	AC008079 antisense	chr22	18110759	18131154	-	0.11	0.09
ENSG00000101567	CTD-2123J TEC	chr5	86305233	86306149	-	0	0
ENSG00000101568	AP001350 TEC	chr11	58627435	58628528	+	0.11	0.18
ENSG00000101569	RP4-671O1 antisense	chr22	44210442	44229512	-	0	0
ENSG00000101570	RPL23AP61 processed	chr10	46063250	46063715	+	0	0
ENSG00000101571	CH507-42P processed	chr21	6008604	6008810	+	2.44	0
ENSG00000101572	AC006129 TEC	chr19	41551568	41552274	-	0	0
ENSG00000101573	RP11-83C7 TEC	chr4	38390754	38391675	+	0	0
ENSG00000101574	RP11-191F TEC	chr5	10082571	10082772	+	0	0
ENSG00000101575	RP11-54F2 TEC	chr5	10541454	10543192	+	0	0
ENSG00000101576	CH507-154 lincRNA	chr21	6986450	6997765	-	0.58	0.96
ENSG00000101577	CH507-145 unprocess	chr21	6272135	6276532	-	0	0
ENSG00000101578	CTD-2095E TEC	chr17	32178946	32180074	-	0.15	0.12
ENSG00000101579	OR51F1 polymorph	chr11	4768979	4769938	-	0	0
ENSG00000101580	RP11-707O TEC	chr17	45592621	45593369	+	0.52	0.59
ENSG00000101581	LLNLR-276I TEC	chr19	36070239	36071070	+	0	0
ENSG00000101582	RP11-367G TEC	chr12	1.27E+08	1.27E+08	+	0	0
ENSG00000101583	CTA-992D9 lincRNA	chr22	27102766	27107019	+	0	0
ENSG00000101584	AC005618 antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000101585	RP11-44F1 TEC	chr16	53391089	53392473	+	0	0
ENSG00000101586	RP11-118E TEC	chr17	57531769	57532355	+	0	0
ENSG00000101587	CH17-140K antisense	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000101588	RP11-832A TEC	chr11	1.18E+08	1.18E+08	+	0	0
ENSG00000101589	CTD-2095E TEC	chr17	32159311	32160371	+	0	0
ENSG00000101590	RP11-10J2 TEC	chr8	1.41E+08	1.41E+08	-	0.02	0.02
ENSG00000101591	RP11-540C sense_intr	chr15	41016990	41018843	-	0	0
ENSG00000101592	RP11-434P TEC	chr2	73761269	73761781	-	0	0.16
ENSG00000101593	DNM1P41 TEC	chr15	84166547	84169896	-	0.68	0.62
ENSG00000101594	RN7SKP23 TEC	chr16	23412380	23416680	+	0.04	0.04
ENSG00000101595	RP11-296E TEC	chr1	98660388	98661059	-	0	0

ENSG0000(RP11-71H1) TEC	chr3	1.25E+08	1.25E+08	-	0.06	0
ENSG0000(RP11-1281) TEC	chr4	49229573	49231284	+	0.13	0.07
ENSG0000(RP11-22H5) TEC	chr16	82727474	82727694	+	0	0
ENSG0000(RP11-1099) TEC	chr17	7858943	7866083	+	0.19	0.36
ENSG0000(CTC-463A1) TEC	chr5	1.42E+08	1.42E+08	+	0.44	0.57
ENSG0000(RP11-327J) TEC	chr15	96112628	96116051	-	0.02	0
ENSG0000(RP11-324H) TEC	chr12	87041916	87042423	+	0	0
ENSG0000(RP11-206B) TEC	chr12	1.29E+08	1.29E+08	+	0	0
ENSG0000(RP11-61K1) TEC	chr3	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP1-197B1) TEC	chr12	47728151	47730598	-	0.02	0
ENSG0000(TMEM75) TEC	chr8	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-562F) TEC	chr4	92260367	92260751	-	0	0
ENSG0000(RP1-168L1) TEC	chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(RP1-131F1) TEC	chr6	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-401I1) TEC	chr4	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-5G9) TEC	chr13	43894725	43895182	-	0	0
ENSG0000(CTD-2001J) TEC	chr19	30553956	30558058	+	0	0
ENSG0000(LA16c-380) TEC	chr16	1530715	1533301	+	0	0
ENSG0000(RP11-295D) TEC	chr16	4346694	4348648	-	0.43	0.69
ENSG0000(RP11-205N) TEC	chr8	37858949	37861333	+	0	0
ENSG0000(CTD-2600H) TEC	chr16	48343755	48346058	-	0.05	0.03
ENSG0000(RP11-91H1) TEC	chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(CTD-2349P) TEC	chr17	30738182	30740275	+	0.11	0.2
ENSG0000(RP11-907D) TEC	chr14	96992864	96996601	+	0	0
ENSG0000(CH507-9B2) protein_co	chr21	5079294	5128425	-	16.09	15.62
ENSG0000(CTD-2525P) TEC	chr14	69357010	69359308	+	0.12	0.05
ENSG0000(RP11-555K) processed_	chr21	9810381	9810503	-	0	0
ENSG0000(RP11-326A) TEC	chr15	93206066	93208048	+	0	0
ENSG0000(RP11-87H9) TEC	chr9	41012231	41014133	+	1.18	1.29
ENSG0000(RP11-361H) TEC	chr14	76279173	76283103	+	0.01	0.03
ENSG0000(CTC-260E6) TEC	chr19	20220597	20222186	-	0	0.04
ENSG0000(TBC1D22A) antisense	chr22	46914092	46916042	-	0.03	0
ENSG0000(LINC01667) lincRNA	chr21	9781918	9814009	-	0	0
ENSG0000(AF246928) TEC	chr21	15346652	15346738	+	0	0
ENSG0000(RP11-317J) TEC	chr2	1.91E+08	1.91E+08	-	0.06	0
ENSG0000(RP11-678K) TEC	chr11	90972316	90972521	-	0	0
ENSG0000(RP11-544P) TEC	chr10	11395808	11398792	+	0	0
ENSG0000(CTB-129P6) TEC	chr19	44909375	44914968	+	0.02	0.03
ENSG0000(RP11-135F) TEC	chr12	1E+08	1E+08	-	1.58	1.97
ENSG0000(CMB9-52H) TEC	chr11	70705605	70706068	-	0	0
ENSG0000(OR8B4) protein_co	chr11	1.24E+08	1.24E+08	-	0	0
ENSG0000(CTC-312O1) TEC	chr19	6894994	6896832	-	0	0
ENSG0000(AC002044) TEC	chr16	73005601	73006141	-	0.27	0.29
ENSG0000(RP11-843F) TEC	chr11	91382909	91383289	+	0	0
ENSG0000(OR1B1) polymorph	chr9	1.23E+08	1.23E+08	-	0	0

ENSG00000140507	CH507-42P lincRNA	chr21	6081193	6082585	+	0	0
ENSG00000140508	RP11-294N TEC	chr18	35082009	35082242	+	1.05	4.34
ENSG00000140509	RP11-83B2 TEC	chr12	1.25E+08	1.25E+08	-	0	0
ENSG00000140510	RP11-7K9.2 TEC	chr18	52409042	52409257	+	0	0
ENSG00000140511	RP11-33E1 TEC	chr1	85152487	85154203	-	0.03	0.04
ENSG00000140512	AC007792. TEC	chr19	3355554	3355955	-	0	0
ENSG00000140513	CTB-3M24. TEC	chr5	1.33E+08	1.33E+08	+	0	0
ENSG00000140514	RP11-334E TEC	chr2	1.61E+08	1.61E+08	+	0	0
ENSG00000140515	CTC-523E2 TEC	chr19	34949038	34951205	-	0	0.03
ENSG00000140516	AL022393.1 TEC	chr6	28170845	28172521	+	0.27	0.15
ENSG00000140517	RP1-127M.1 lincRNA	chr21	13305152	13314944	+	0	0
ENSG00000140518	PLAC4 TEC	chr21	41175231	41185239	-	0	0
ENSG00000140519	RP11-423G TEC	chr12	1.09E+08	1.09E+08	+	0	0
ENSG00000140520	RP11-84A1 TEC	chr1	9826289	9828271	-	0.03	0
ENSG00000140521	RP5-875O1 unprocessed	chr1	16681097	16688749	-	0	0
ENSG00000140522	RP11-133M TEC	chr16	78872739	78873505	+	0	0
ENSG00000140523	RP11-641J.1 unprocessed	chrX	49155242	49157351	-	0	0
ENSG00000140524	RP11-158L TEC	chr12	1.25E+08	1.25E+08	+	0.09	0
ENSG00000140525	RP11-385H TEC	chr15	24848357	24852253	+	0.03	0.02
ENSG00000140526	AC093642. TEC	chr2	2.42E+08	2.42E+08	+	0	0
ENSG00000140527	RP11-546D TEC	chr12	1.23E+08	1.23E+08	-	1.12	0.32
ENSG00000140528	CTD-3137H TEC	chr19	18448275	18448805	-	0.14	0
ENSG00000140529	RP11-87G2 TEC	chr17	76966285	76969530	-	0.03	0
ENSG00000140530	RP11-267M TEC	chr8	94427712	94429888	-	0.33	0.42
ENSG00000140531	RP11-739P TEC	chr11	91184934	91185543	-	0	0
ENSG00000140532	RP4-800O1 TEC	chr12	1.26E+08	1.26E+08	+	0	0
ENSG00000140533	AC069542. pseudogen	chr10	17602910	17603127	+	0	0
ENSG00000140534	XXbac-BPG TEC	chr6	30282349	30286054	-	1.48	1.43
ENSG00000140535	RP11-298I.1 TEC	chr14	23005499	23007123	-	0.14	0
ENSG00000140536	CTD-2595P TEC	chr16	49711273	49711914	+	0	0
ENSG00000140537	RP11-452L1 TEC	chr16	31470204	31472108	-	0.53	0.32
ENSG00000140538	RP11-113E TEC	chr10	85555484	85557436	-	0	0
ENSG00000140539	RP1-47M2.1 TEC	chr6	1.08E+08	1.08E+08	-	0	0
ENSG00000140540	RP11-1228 lincRNA	chr17	88641	118578	-	0	0
ENSG00000140541	RP11-297C TEC	chr16	30379763	30380110	-	0	0
ENSG00000140542	RP11-463O TEC	chr12	1.23E+08	1.23E+08	-	0.29	0.24
ENSG00000140543	CTB-162J7. TEC	chr5	1.76E+08	1.76E+08	+	0	0
ENSG00000140544	RP11-597D TEC	chr4	1.58E+08	1.58E+08	-	0.12	0.27
ENSG00000140545	RP13-16D1 TEC	chrX	1.22E+08	1.22E+08	+	0	0
ENSG00000140546	AP000892. TEC	chr11	1.17E+08	1.17E+08	+	7.8	8.9
ENSG00000140547	RP11-13M.1 TEC	chr7	1.46E+08	1.46E+08	+	0	0
ENSG00000140548	CH507-154 lincRNA	chr21	6630182	6670695	-	3.26	2.86
ENSG00000140549	RP11-486N TEC	chr8	29587001	29588426	+	0	0
ENSG00000140550	RP3-468K1 protein_coding	chr6	1.44E+08	1.44E+08	+	0	0
ENSG00000140551	RP4-751H1 TEC	chr7	1.5E+08	1.5E+08	+	0.35	0.77

ENSG00000189514	TEC	chr12	1.32E+08	1.32E+08	+	0	0
ENSG00000183116	TEC	chr16	75245994	75250077	-	0.26	0.42
ENSG00000187626	TEC	chr16	10933903	10936280	+	0	0
ENSG00000182000	TEC	chr2	30408170	30408346	+	0	0
ENSG00000183202	TEC	chr6	1.32E+08	1.32E+08	-	0	0
ENSG00000180648	sense_intronic	chr22	16950086	17034417	-	0.25	0.25
ENSG00000182000	TEC	chr1	2.28E+08	2.28E+08	+	0.15	0.16
ENSG00000182510	TEC	chr5	54643557	54645987	+	0.02	0.1
ENSG00000182600	TEC	chr16	31093727	31095944	+	0.03	0.05
ENSG00000182000	TEC	chr5	1.81E+08	1.81E+08	+	0.62	0.48
ENSG00000182000	TEC	chr20	1320710	1324367	+	0	0
ENSG00000182000	TEC	chr16	67205175	67206849	-	0.04	0.3
ENSG00000182000	lincRNA	chr21	6721812	6725209	+	0.74	0.28
ENSG00000182000	protein_coding	chr13	61409685	61415522	-	0	0
ENSG00000182000	TEC	chr10	72730557	72731175	+	0	0
ENSG00000182000	TEC	chr11	94559018	94559374	+	0	0
ENSG00000182000	TEC	chr17	12973033	12973834	-	0	0
ENSG00000182000	antisense	chr13	1.01E+08	1.01E+08	+	0	0
ENSG00000182000	unprocessed_transcript	chr19	20674923	20696533	+	0	0
ENSG00000182000	processed_transcript	chr21	6897291	6899280	+	0	0
ENSG00000182000	TEC	chr3	47346950	47349073	+	0.7	0.55
ENSG00000182000	TEC	chr2	1.97E+08	1.97E+08	-	0.77	0
ENSG00000182000	TEC	chr17	39165073	39167849	+	0	0
ENSG00000182000	lincRNA	chr21	6084364	6091407	-	0	0
ENSG00000182000	TEC	chr16	35148636	35154366	+	0.22	0.29
ENSG00000182000	TEC	chr12	64709458	64710513	+	0.06	0
ENSG00000182000	TEC	chr16	81261924	81264091	-	0.07	0.18
ENSG00000182000	TEC	chr17	42598643	42599177	+	0	0
ENSG00000182000	TEC	chr6	1.46E+08	1.46E+08	-	0.54	0.53
ENSG00000182000	TEC	chr5	8793875	8794197	+	0	0
ENSG00000182000	TEC	chr1	1.08E+08	1.08E+08	+	0	0.09
ENSG00000182000	TEC	chr5	69186359	69189452	-	0.86	0.74
ENSG00000182000	TEC	chr16	49297143	49299762	+	0.09	0.07
ENSG00000182000	TEC	chr16	78890231	78892302	+	0	0
ENSG00000182000	lincRNA	chr21	6060340	6076305	+	0.15	0
ENSG00000182000	TEC	chr8	81696368	81698694	+	0	0
ENSG00000182000	TEC	chr19	35901561	35903855	-	0.02	0
ENSG00000182000	antisense	chrX	1.54E+08	1.54E+08	-	0.58	0.63
ENSG00000182000	TEC	chr12	1.3E+08	1.3E+08	-	0	0
ENSG00000182000	TEC	chr18	48252301	48252837	+	0	0
ENSG00000182000	TEC	chr17	18026072	18026771	-	0.09	0.1
ENSG00000182000	lincRNA	chr22	49264201	49266080	+	0	0
ENSG00000182000	TEC	chr12	1.31E+08	1.31E+08	+	0	0.09
ENSG00000182000	TEC	chr11	89576913	89577652	+	0	0
ENSG00000182000	TEC	chr12	3610307	3612003	-	1.22	0.81

ENSG0000(OR1S1 polymorph	chr11	58214745	58215723	+	0	0
ENSG0000(RP11-504I1	TEC chr18	76385642	76389406	-	0.01	0.02
ENSG0000(CTB-193M: lincRNA	chr16	15701237	15702118	+	0.99	1.33
ENSG0000(RP11-423H lincRNA	chr5	1.78E+08	1.78E+08	+	0	0
ENSG0000(GGT4P unprocessε	chr13	18253526	18270822	-	0	0.07
ENSG0000(RP11-2C24	TEC chr16	30773532	30776033	-	0.02	0.02
ENSG0000(RP11-49K2	TEC chr18	47076117	47076594	+	0	0
ENSG0000(UCKL1-AS1 antisense	chr20	63953384	63956985	+	0.08	0.14
ENSG0000(CTD-2012K	TEC chr16	67550815	67552935	-	0.3	0.16
ENSG0000(RP11-279N	TEC chr8	21129990	21130100	-	0	0
ENSG0000(RP3-333H2	TEC chr22	39379610	39380015	+	0.41	0.23
ENSG0000(RP11-638F	TEC chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-752L	TEC chr4	1.47E+08	1.47E+08	+	0.08	0.05
ENSG0000(RP11-560A	TEC chr20	57161822	57163775	+	0	0
ENSG0000(RP11-174G	TEC chr1	18109389	18115861	+	0	0
ENSG0000(RP1-138O1	TEC chrX	1.26E+08	1.26E+08	-	0	0
ENSG0000(CTA-722E9 lincRNA	chr22	49500568	49501585	+	0	0
ENSG0000(RP11-114G	TEC chr7	57402181	57404717	-	0	0
ENSG0000(RP11-454F	TEC chr16	53227146	53227694	+	0	0
ENSG0000(RP11-67L1	TEC chr2	1.13E+08	1.13E+08	+	0	0
ENSG0000(RP11-470C	TEC chr20	20363691	20365657	+	0	0
ENSG0000(LA16c-380I	TEC chr16	1553655	1554130	-	0.65	0.35
ENSG0000(RP11-321N	TEC chr6	85498441	85499058	-	0	0.25
ENSG0000(RP11-159D	TEC chr17	57988180	57988760	+	0	0
ENSG0000(RP11-145P	TEC chr15	25255579	25257027	+	0.64	0.8
ENSG0000(OR12D2 polymorph	chr6	29396555	29397623	+	0	0
ENSG0000(MIR4697H	TEC chr11	1.34E+08	1.34E+08	-	0.6	0.68
ENSG0000(RP11-574K	TEC chr10	73791218	73791490	+	0	0.51
ENSG0000(CTB-50L17	TEC chr19	4448810	4450836	+	0.18	0.22
ENSG0000(RP11-290C antisense	chr4	1.54E+08	1.54E+08	+	0	0
ENSG0000(RP5-1037N	TEC chr17	2255719	2256157	+	0	0
ENSG0000(MTCO1P1 processed_	chr21	8845566	8846646	+	0	0
ENSG0000(RP11-44N2	TEC chr14	1.05E+08	1.05E+08	-	0.52	0.92
ENSG0000(RP11-466A	TEC chr17	32504567	32505644	-	0	0
ENSG0000(AC005578	TEC chr19	4246339	4247358	-	0	0
ENSG0000(CTD-2047H	TEC chr17	80339898	80342058	+	0.3	0.48
ENSG0000(AL691477.: pseudogen	chrX	1.35E+08	1.35E+08	-	4.19	4.47
ENSG0000(RP11-6L6.ε	TEC chr4	1.46E+08	1.46E+08	+	0	0
ENSG0000(RP11-215I1	TEC chr5	8143618	8143784	+	0	0
ENSG0000(RP11-81A2	TEC chr17	4787057	4789162	+	0.03	0
ENSG0000(RP5-1007F	TEC chr7	26538378	26541048	+	0	0
ENSG0000(RP11-340F	TEC chr2	65790039	65793533	+	0	0
ENSG0000(RP11-479C	TEC chr10	79970963	79973213	-	0.45	0.19
ENSG0000(RP11-75D3	TEC chr16	62342420	62342557	+	0	0
ENSG0000(RP11-542P	TEC chr4	1.4E+08	1.41E+08	+	0	0.02

ENSG0000(ACTR3BP2 processed_	chr22	16486985	16488322	+	0	0
ENSG0000(CTA-363E6 TEC	chr16	19392213	19393468	-	0	0
ENSG0000(RP11-331D TEC	chr7	1.58E+08	1.58E+08	+	0	0
ENSG0000(PRAMEF26 protein_co	chr1	13148905	13155961	-	0	0
ENSG0000(RP11-147K TEC	chr17	3439923	3441844	-	0	0
ENSG0000(AP000577. TEC	chr11	74204869	74205746	+	0.14	0.08
ENSG0000(RP11-560F TEC	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(RP3-446N1 TEC	chr12	1.26E+08	1.26E+08	+	0	0
ENSG0000(AF131216. antisense	chr8	11283481	11285068	-	0.18	0.16
ENSG0000(RP11-556H TEC	chr16	79016136	79017429	+	0	0
ENSG0000(RP3-428A1 TEC	chrX	1.27E+08	1.27E+08	+	0	0
ENSG0000(RP11-314C TEC	chr2	38121935	38123881	-	0	0
ENSG0000(RP1-72A23 TEC	chr6	88964527	88966587	+	0	0
ENSG0000(FLJ30679 TEC	chr16	86555320	86557299	+	0.08	0
ENSG0000(RP11-1228 lincRNA	chr17	64099	76866	-	0.56	0.35
ENSG0000(RP1-59D14 TEC	chr17	2460183	2460294	-	0	0
ENSG0000(RP11-340L TEC	chr14	32879246	32882830	+	0	0
ENSG0000(LLNLR-259I TEC	chr19	19255638	19256141	+	0	0
ENSG0000(CTA-481E9 TEC	chr16	17961597	17962370	+	0	0
ENSG0000(RP11-154F TEC	chr4	1.57E+08	1.57E+08	+	0	0
ENSG0000(RP11-630A TEC	chr4	56662469	56665694	-	0.03	0
ENSG0000(FRG1KP unprocessε	chr9	65646982	65652679	-	0	0
ENSG0000(RP13-554N TEC	chr12	1.33E+08	1.33E+08	+	0.39	0.5
ENSG0000(RP11-756D TEC	chr11	11725332	11726702	-	0	0
ENSG0000(RP11-759A TEC	chr15	96294935	96298023	-	0.02	0.02
ENSG0000(RP11-177H TEC	chr8	10856085	10859436	-	0	0.02
ENSG0000(RP11-358B TEC	chr17	42233832	42235469	+	0	0
ENSG0000(RP11-78J2 TEC	chr13	52497097	52500195	-	0	0
ENSG0000(RP11-583F processed_	chr17	64940602	64954177	+	0	0
ENSG0000(RP11-338K TEC	chr12	1.24E+08	1.24E+08	-	0	0
ENSG0000(RP11-64C1 TEC	chr18	12279427	12282739	+	0.06	0.05
ENSG0000(ERICD lincRNA	chr8	1.41E+08	1.41E+08	+	0.31	0.34
ENSG0000(CTD-2536I TEC	chr15	95280753	95284249	-	0.08	0.07
ENSG0000(CTD-2351A TEC	chr5	29979669	29983114	+	0	0
ENSG0000(CTD-3076N TEC	chr16	20487702	20489659	+	0	0
ENSG0000(RP11-665E TEC	chr11	87879473	87880095	-	0	0
ENSG0000(RP11-60L3 TEC	chr15	74299503	74304527	+	0	0
ENSG0000(RP11-326I1 TEC	chr4	4820405	4821452	+	0.06	0.06
ENSG0000(RP13-554N TEC	chr12	1.33E+08	1.33E+08	-	0	0
ENSG0000(RP1-111J2 TEC	chr22	47259366	47261007	+	0	0
ENSG0000(OR8K3 polymorph	chr11	56318307	56319245	+	0	0
ENSG0000(RP11-25L1 TEC	chr1	72979014	72979314	-	0	0
ENSG0000(CTB-79E8.4 TEC	chr5	1.73E+08	1.73E+08	-	0	0
ENSG0000(RP11-897N TEC	chr12	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-629N TEC	chr12	64696191	64696550	-	0	0

ENSG0000(RP11-1110) TEC	chr11	36196248	36197901	+	0	0
ENSG0000(RP6-24A23) TEC	chrX	1.09E+08	1.09E+08	-	0	0
ENSG0000(AC053503) TEC	chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(AC074183) TEC	chr7	84939335	84940256	-	18.82	18.02
ENSG0000(RP11-642A) TEC	chr8	1.41E+08	1.41E+08	+	0.04	0
ENSG0000(LA16c-3131) TEC	chr16	1576716	1578371	-	0.35	0.23
ENSG0000(CH507-236) processed_	chr21	7129103	7130287	+	0.42	0.33
ENSG0000(RP11-545D) TEC	chr11	36510361	36510537	+	0	0
ENSG0000(CTD-2013N) TEC	chr19	16356329	16358327	-	0.62	0.68
ENSG0000(RP11-667K) TEC	chr17	2072823	2072956	+	0	0
ENSG0000(RP11-361L) TEC	chr16	67006672	67009481	-	0.02	0
ENSG0000(RP11-15F1) TEC	chr18	49013106	49013819	+	0	0
ENSG0000(CH17-140K) lincRNA	chr5	1.41E+08	1.41E+08	+	0.1	0
ENSG0000(DUX4L25) unprocess	chr10	1.34E+08	1.34E+08	+	0	0
ENSG0000(RP11-334G) TEC	chr5	8080186	8080761	-	0	0
ENSG0000(RP11-736K) TEC	chr11	86908990	86912238	-	0.68	0.6
ENSG0000(RP11-511H) TEC	chr7	18000290	18000879	-	0	0
ENSG0000(LA16c-60D) lincRNA	chr22	15282557	15288670	-	0.15	0.23
ENSG0000(AC009166) TEC	chr16	51176066	51178898	+	0.02	0.08
ENSG0000(RP11-438L) TEC	chr12	8631545	8632259	-	0.79	0.29
ENSG0000(CH507-152) processed_	chr21	6507017	6507389	-	0	0
ENSG0000(AC000123) TEC	chr7	1.27E+08	1.27E+08	-	0.67	0.7
ENSG0000(RP11-552M) TEC	chr13	73800074	73802203	+	0	0
ENSG0000(RP11-40A1) TEC	chr17	33099969	33100319	-	0	0
ENSG0000(LINC01726) lincRNA	chr20	21610787	21703585	-	0	0
ENSG0000(CTD-2561B) TEC	chr17	81003335	81005132	+	0.44	0.21
ENSG0000(RP13-884E) TEC	chr4	1.38E+08	1.38E+08	-	0	0.15
ENSG0000(CTC-453G2) TEC	chr19	48198107	48199720	-	0	0
ENSG0000(RP11-83B2) TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-119F) TEC	chr10	79681973	79684094	-	1.31	0.78
ENSG0000(RP1-101G1) lincRNA	chr22	34641179	34651862	+	0	0
ENSG0000(RP11-269C) TEC	chr13	44432144	44432678	+	0	0
ENSG0000(CTD-2071N) TEC	chr15	77784610	77785070	-	0	0
ENSG0000(RP11-455F) TEC	chr2	687799	688348	+	0	0
ENSG0000(RP11-643A) TEC	chr15	53910769	53914712	+	0	0
ENSG0000(RP3-446N1) TEC	chr12	1.26E+08	1.26E+08	-	0	0
ENSG0000(RP11-9H20) TEC	chr18	44732575	44733315	+	0	0
ENSG0000(RP11-327L) lincRNA	chr9	79975023	79990064	+	0	0
ENSG0000(RP11-121L) TEC	chr11	90223153	90226538	+	0.02	0.07
ENSG0000(CTD-2199C) TEC	chr5	10171030	10171214	-	0	0
ENSG0000(CTD-2256P) TEC	chr5	10342813	10343131	+	0	0
ENSG0000(RP1-149M) TEC	chr6	41405819	41406561	+	0	0
ENSG0000(bP-21201H) TEC	chr21	10028361	10029855	-	0	0
ENSG0000(RP11-417J) TEC	chr5	8669018	8669250	-	0	0
ENSG0000(RP11-337N) sense_intr	chr2	1.77E+08	1.77E+08	-	0.6	0.85

ENSG00000101314	RP13-204A	TEC	chrX	74122134	74122725	-	0	0
ENSG00000101315	RP11-9301	TEC	chr16	46673443	46673927	-	0	0
ENSG00000101316	RP11-493E	TEC	chr15	89950760	89951345	+	0	0.21
ENSG00000101317	RP4-758J2	TEC	chr1	54033126	54034880	-	0.13	0.18
ENSG00000101318	RP11-573M	TEC	chr11	93171134	93171906	+	0	0
ENSG00000101319	RP11-326K	TEC	chr18	31982899	31986087	+	0	0
ENSG00000101320	RP11-197N	TEC	chr12	1.23E+08	1.23E+08	-	0	0
ENSG00000101321	RP11-804H	lincRNA	chr3	50599879	50601148	-	0	0
ENSG00000101322	CTA-941F9	sense_intr	chr22	45657019	45680130	+	0.03	0.06
ENSG00000101323	RP4-695O2	sense_intr	chr22	46163303	46165347	+	0.1	0
ENSG00000101324	AP000648	TEC	chr11	90193614	90198120	+	0	0
ENSG00000101325	RP5-1153D	TEC	chr20	56522252	56523499	+	0.19	0
ENSG00000101326	RP11-229D	TEC	chr7	76043977	76045963	-	0.11	0.12
ENSG00000101327	RP11-512M	TEC	chr12	1.22E+08	1.22E+08	-	0	0
ENSG00000101328	AC010872	TEC	chr2	21023496	21024170	+	0	0
ENSG00000101329	RP11-357N	TEC	chr16	53991012	53994454	+	0	0
ENSG00000101330	RP11-449M	TEC	chr8	69938168	69938400	+	0	0
ENSG00000101331	CTC-503J8	TEC	chr19	6263068	6263469	-	0	0
ENSG00000101332	RP5-898I4	sense_intr	chr22	50092745	50096437	+	0.02	0.07
ENSG00000101333	RP11-463I2	TEC	chr15	34999902	35000270	+	0	0
ENSG00000101334	RP11-42F1	TEC	chr3	1.44E+08	1.44E+08	-	0	0.02
ENSG00000101335	RP3-446N1	TEC	chr12	1.26E+08	1.26E+08	-	0	0
ENSG00000101336	RP11-80P2	TEC	chr3	1.38E+08	1.38E+08	+	0.11	0.16
ENSG00000101337	RP11-20G6	TEC	chr16	23061767	23062232	+	0	0
ENSG00000101338	RP11-104F	TEC	chr10	70434829	70436556	+	0.07	0.11
ENSG00000101339	RP11-20I2	TEC	chr16	2578395	2579963	+	0.69	0.48
ENSG00000101340	AC005086	pseudogen	chr7	1.02E+08	1.02E+08	-	0	0
ENSG00000101341	RP11-143E	TEC	chr12	1.3E+08	1.3E+08	+	0	0
ENSG00000101342	RP11-379L	TEC	chr18	34221007	34221603	-	0	0
ENSG00000101343	RP13-516M	TEC	chr17	82249067	82251844	+	0.39	0.3
ENSG00000101344	RP11-818C	TEC	chr17	1352070	1352255	+	0	0
ENSG00000101345	LINC01101	TEC	chr2	1.2E+08	1.2E+08	-	0	0
ENSG00000101346	IGHV1-69D	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG00000101347	AC114273	TEC	chr19	16019719	16020290	+	0	0
ENSG00000101348	RP11-572N	TEC	chr2	1.74E+08	1.74E+08	-	0	0
ENSG00000101349	RP4-800O1	TEC	chr12	1.26E+08	1.26E+08	+	0	0
ENSG00000101350	RP11-361L	TEC	chr16	66944660	66945096	-	0	0
ENSG00000101351	RP11-5O17	TEC	chr3	53046166	53048122	+	0	0.03
ENSG00000101352	AC007326	lincRNA	chr22	18951934	18959512	-	0	0
ENSG00000101353	RP11-178L	TEC	chr16	87296949	87297633	+	0	0
ENSG00000101354	AC005355	TEC	chr5	1.35E+08	1.35E+08	-	0.16	0
ENSG00000101355	RP11-155D	TEC	chr3	51951849	51953902	-	0.05	0.1
ENSG00000101356	RP11-299J	TEC	chr6	2561947	2564143	+	0	0
ENSG00000101357	CITF22-92A	TEC	chr22	46006616	46010777	+	0.01	0.1
ENSG00000101358	RP11-446E	antisense	chr1	54137746	54142980	+	0	0

ENSG000001837J	TEC	chr12	1.1E+08	1.1E+08	-	0.03	0.07
ENSG000001548	TEC	chr16	15790975	15792717	-	0.03	0
ENSG000001660	TEC	chr11	90731110	90731723	+	0	0
ENSG000001218I	TEC	chr13	34079411	34080134	+	0	0
ENSG00000100962	TEC	chr21	16525919	16527019	+	0	0.06
ENSG0000015079B2	protein_co	chr21	5155499	5165472	-	1.18	1.28
ENSG0000016710I1	sense_ovei	chr22	44139365	44153626	+	0.12	0.16
ENSG000001555D2	TEC	chr3	44115818	44117487	-	0	0
ENSG0000012171C2	unprocessε	chr21	9053122	9059060	+	0	0
ENSG000001315A	TEC	chr5	8717684	8717883	-	0	0
ENSG000001568B1	TEC	chr7	1.06E+08	1.06E+08	+	0	0
ENSG000001002064	TEC	chr7	90345873	90346218	-	0	0
ENSG000001507528	lincRNA	chr21	8380665	8410645	+	0.73	0.57
ENSG000001551N1	TEC	chr6	21822536	21822737	+	0	0
ENSG00000183B2	TEC	chr12	1.25E+08	1.25E+08	+	0	0
ENSG000001205F1	lincRNA	chr22	27414462	27419713	-	0	0.1
ENSG000001XX-FYM63	TEC	chr10	1.32E+08	1.32E+08	-	0	0
ENSG000001CTD-2199C	TEC	chr5	10168783	10169006	+	0	0
ENSG000001XXyac-YR2	TEC	chr10	5346651	5347277	+	0	0
ENSG000001834I5	TEC	chr6	93811825	93813036	+	0	0
ENSG0000018349F	TEC	chr8	17498737	17499157	+	0	0
ENSG000001007347	pseudogen	chr16	54114697	54114878	-	0	0
ENSG0000018325M	lincRNA	chr13	1.06E+08	1.06E+08	+	0	0
ENSG000001DUX4L2	unprocessε	chr4	1.9E+08	1.9E+08	+	0	0
ENSG000001SCARNA4	scaRNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG00000183216B	sense_intrε	chr9	1.29E+08	1.29E+08	+	0.88	2.34
ENSG00000183437J	antisense	chr10	93772681	93788605	-	0	0
ENSG000001LLNLR-307	antisense	chr19	1386804	1389651	-	0	0
ENSG000001MIR7641-2	miRNA	chr14	75604209	75604261	+	0	0
ENSG000001SNORA17B	snoRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG000001SNORA16A	snoRNA	chr1	28580920	28581054	-	0	0
ENSG000001Metazoa_S	misc_RNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000018335J1	lincRNA	chr6	76561328	76562590	+	0.29	0.12
ENSG000001SALRNA2	lincRNA	chr15	70635249	70637314	+	0	0
ENSG000001833304	protein_co	chr2	2.19E+08	2.19E+08	-	0.19	0.31
ENSG000001ASAP1-IT2	sense_intrε	chr8	1.3E+08	1.3E+08	-	0.19	0
ENSG00000183358D	TEC	chr4	1.19E+08	1.19E+08	+	0.06	0
ENSG000001snoU18	snoRNA	chr15	66502019	66502089	-	0	0
ENSG000001LINC01374	lincRNA	chr10	89853906	89914948	+	0	0
ENSG00000183383C	antisense	chr10	1.26E+08	1.26E+08	-	0.79	0
ENSG000001834613B2	protein_co	chr3	42757177	42804518	-	1.33	0
ENSG00000183411G	lincRNA	chr13	68878380	68893573	+	0	0
ENSG000001LINC01348	lincRNA	chr1	2.35E+08	2.35E+08	-	0.02	0.02
ENSG000001AP000432	processed_	chr21	17611744	17633199	+	0.15	0.08
ENSG000001PCBP3-OT1	sense_ovei	chr21	45914296	45919483	+	0.01	0.02

ENSG0000(AC009133. processed_ chr16	29808679	29812227	+	0	0
ENSG0000(CH507-513 lincRNA chr21	8393419	8394341	-	0.07	0.04
ENSG0000(SCAANT1 antisense chr3	63911518	63911772	-	0	0
ENSG0000(PCAT14 lincRNA chr22	23536881	23547797	+	0.77	1.12
ENSG0000(THRIL antisense chr12	1.25E+08	1.25E+08	-	0.14	0.03
ENSG0000(SNORA43 snoRNA chr2	1.8E+08	1.8E+08	-	0	0
ENSG0000(LINC02204 lincRNA chr15	70570958	70586606	-	0	0.02
ENSG0000(RNA5SP19(rRNA chr5	1.47E+08	1.47E+08	-	0	0
ENSG0000(CH17-172B TEC chr1	1.48E+08	1.48E+08	+	2.38	1.74
ENSG0000(KCNIP4-IT1 lincRNA chr4	21843341	21853188	-	0	0
ENSG0000(RP11-361C IG_V_pseu chr15	21752278	21752710	-	0	0
ENSG0000(RP11-437J(sense_intr(chr10	93762453	93771991	+	0	0
ENSG0000(RP11-35J6. TEC chr6	1.69E+08	1.69E+08	+	4.6	4.76
ENSG0000(CCDC163 protein_co chr1	45493866	45500079	-	1.78	2.72
ENSG0000(LINC01242 lincRNA chr9	30388935	30575012	-	0	0
ENSG0000(SH3PXD2A. antisense chr10	1.04E+08	1.04E+08	+	0	0
ENSG0000(RP11-275E lincRNA chr15	21342171	21343958	+	0	0
ENSG0000(U3 snoRNA chrX	70846080	70846295	-	0	0
ENSG0000(RP11-568A lincRNA chr6	1.67E+08	1.67E+08	+	0	0
ENSG0000(LINC02203 lincRNA chr15	21552795	21653276	+	0	0
ENSG0000(RP11-214F lincRNA chr13	99498524	99501315	+	0.13	0.28
ENSG0000(JADRR lincRNA chr4	1.29E+08	1.29E+08	+	0.03	0.04
ENSG0000(PCAT5 lincRNA chr10	35778302	35800920	+	0	0
ENSG0000(LINC01943 lincRNA chr2	87439523	87459044	-	13.84	12.13
ENSG0000(RP11-11H9 lincRNA chr15	21514144	21567053	+	0	0
ENSG0000(LINC00251 lincRNA chr8	65161145	65180341	-	0	0
ENSG0000(LINC01232 processed_ chr13	99486962	99499306	-	1.39	2.11
ENSG0000(EIF1B-AS1 processed_ chr3	40173145	40309698	-	0.74	0.4
ENSG0000(LINC01173 lincRNA chr2	2.35E+08	2.35E+08	+	0.29	0
ENSG0000(LINC00850 lincRNA chrX	1.5E+08	1.5E+08	+	0	0
ENSG0000(DUX4L1 unprocess(chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(RP11-216B antisense chr9	1.29E+08	1.29E+08	-	0	0.41
ENSG0000(RP13-465B lincRNA chrX	419157	421980	+	0	0
ENSG0000(RP13-465B lincRNA chrY	419157	421980	+	0	0
ENSG0000(MIR7641-1 miRNA chr11	1.04E+08	1.04E+08	+	0	0
ENSG0000(LINC01202 lincRNA chr5	1.62E+08	1.62E+08	-	0	0
ENSG0000(CH17-270A protein_co chr1	1.46E+08	1.46E+08	+	0	0
ENSG0000(JAKMIP2-A antisense chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(PAGR1 protein_co chr16	29815952	29820117	+	7.57	9.31
ENSG0000(LINC00294 lincRNA chr11	33076149	33079454	+	4.23	4.43
ENSG0000(DUX4L5 unprocess(chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(CH507-513 lincRNA chr21	8210384	8211306	-	0.07	0.04
ENSG0000(LINC00836 lincRNA chr10	25651712	25732935	+	0	0
ENSG0000(RP11-274B unprocess(chr7	1.29E+08	1.29E+08	+	1.32	1.29
ENSG0000(ST3GAL4-A antisense chr11	1.26E+08	1.26E+08	-	2.3	2.69

ENSG0000(AL355480.: pseudogen	chr1	45581219	45581321	-	0	0
ENSG0000(CPS1-IT1 sense_intr	chr2	2.11E+08	2.11E+08	+	0	0
ENSG0000(RP4-655C5 lincRNA	chr6	1.66E+08	1.66E+08	-	0	0
ENSG0000(CTD-2319I: transcribec	chr17	60101759	60102919	-	0	0
ENSG0000(MIR325HG lincRNA	chrX	76657798	77014532	-	0	0
ENSG0000(RP11-68E1 lincRNA	chr2	1.11E+08	1.12E+08	+	0	0
ENSG0000(RP11-275E lincRNA	chr15	21328380	21343881	-	0	0
ENSG0000(ELDR lincRNA	chr7	55235965	55255635	-	0	0
ENSG0000(AC009133. protein_co	chr16	29812261	29820092	+	0	0
ENSG0000(SNORA76 snoRNA	chr5	69160808	69160939	+	0	0
ENSG0000(SNORD19B snoRNA	chr3	52688882	52688961	+	0	0
ENSG0000(CTSLP2 transcribec	chr10	46753605	46759740	+	0	0
ENSG0000(FOXCUT lincRNA	chr6	1605531	1606079	+	0	0
ENSG0000(HPVC1 lincRNA	chr7	54201224	54202421	+	0	0
ENSG0000(LINC00628 lincRNA	chr1	2.04E+08	2.04E+08	-	0	0
ENSG0000(CTBP1-AS antisense	chr4	1210120	1218591	+	0	0.03
ENSG0000(RP11-358D antisense	chr20	63422269	63424555	+	0	0
ENSG0000(LINC01163 lincRNA	chr10	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP4-587D1 TEC	chr7	78170195	78170915	+	0	0
ENSG0000(TTTY3B lincRNA	chrY	23936727	23941622	-	0	0
ENSG0000(MIR3653 miRNA	chr22	29333158	29333267	-	0	0
ENSG0000(RPS4Y2 protein_co	chrY	20756164	20781032	+	0	0
ENSG0000(MATR3 protein_co	chr5	1.39E+08	1.39E+08	+	6.78	9.59
ENSG0000(LINC00581 lincRNA	chr6	21486061	21511895	-	0	0
ENSG0000(RP4-655C5 unprocessε	chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(CCAT2 lincRNA	chr8	1.27E+08	1.27E+08	+	0	0
ENSG0000(SNORD3D snoRNA	chr17	19112420	19112636	-	0	0
ENSG0000(LINC00921 lincRNA	chr16	3263743	3267567	+	0.8	0.9
ENSG0000(RP4-587D1 TEC	chr7	78134079	78134851	+	0	0
ENSG0000(snoR1 snoRNA	chr16	2155025	2155104	-	0	0
ENSG0000(RP11-2H3.: antisense	chr4	386174	454070	+	0	0
ENSG0000(RP1-12G14 antisense	chr6	1.5E+08	1.5E+08	-	0	0
ENSG0000(N4BP2L2-IT1 sense_intr	chr13	32504506	32509395	-	0.14	0.23
ENSG0000(RP11-717K protein_co	chr4	25160663	25277306	+	3.09	3.67
ENSG0000(RP4-777O2 protein_co	chr7	30497077	30550761	-	1.39	0.78
ENSG0000(DUX4L6 unprocessε	chr4	1.9E+08	1.9E+08	+	0	0
ENSG0000(AC073476. pseudogen	chr2	2.32E+08	2.32E+08	+	0	0
ENSG0000(RP11-983G processed_	chr15	21709649	21710270	-	0	0
ENSG0000(RP13-349C lincRNA	chrX	1.03E+08	1.03E+08	+	0.68	0.56
ENSG0000(LINC01395 lincRNA	chr11	1.3E+08	1.3E+08	-	0	0
ENSG0000(RP11-640L: TEC	chr3	36823151	36825158	-	0.31	0.4
ENSG0000(TRG-AS1 antisense	chr7	38341577	38378804	+	0.03	0.03
ENSG0000(LINC00282 protein_co	chr13	51813347	51845175	-	0	0
ENSG0000(AL355480.: pseudogen	chr1	45592722	45592814	-	0	0
ENSG0000(RP11-294C lincRNA	chr15	21703428	21705627	-	0	0

ENSG000001093G	antisense	chr7	79139829	79177210	+	0	0
ENSG000001PTENP1-AS	antisense	chr9	33677268	33688011	+	0	0.08
ENSG000001SCHLAP1	lincRNA	chr2	1.81E+08	1.81E+08	+	0.08	0
ENSG000001AL355480.1	pseudogen	chr1	45580892	45580996	-	0	0
ENSG000001MIR3651	miRNA	chr9	92292458	92292547	-	0	0
ENSG000001SCARNA15	scaRNA	chr2	1.31E+08	1.31E+08	-	0	0
ENSG000001RP11-333B	antisense	chr3	42264989	42266390	+	0	0
ENSG000001LINC01127	lincRNA	chr2	1.02E+08	1.02E+08	+	0.04	0.02
ENSG000001RP11-285E	lincRNA	chr13	74434538	74555515	+	0	0
ENSG000001RP11-294C	IG_V_gene	chr15	21717808	21718245	-	0	0
ENSG000001CH507-513	lincRNA	chr21	8437629	8438551	-	0.07	0.04
ENSG000001NPTN-IT1	sense_intr	chr15	73567012	73569294	-	1.11	1.25
ENSG000001LINC00706	lincRNA	chr10	6774307	6779180	-	0	0
ENSG000001GHET1	lincRNA	chr7	1.49E+08	1.49E+08	+	0.41	0.74
ENSG000001ZNF638-IT1	processed_	chr2	71373938	71376320	+	0.28	0.15
ENSG000001LINC00934	lincRNA	chr12	1.19E+08	1.19E+08	-	0	0
ENSG000001LINC01097	lincRNA	chr4	13526319	13534335	-	0	0
ENSG000001LINC00950	lincRNA	chr9	35858738	35865518	+	0.4	0.24
ENSG000001SLFNL1-AS	antisense	chr1	41014590	41043890	+	0.08	0.05
ENSG000001LINC00254	lincRNA	chr16	1878285	1884233	-	0	0
ENSG000001AL132640.1	pseudogen	chr14	67616903	67617084	+	0	0
ENSG000001RP11-325C	lincRNA	chr6	1.28E+08	1.28E+08	+	0	0
ENSG000001SALRNA3	lincRNA	chr15	70615547	70616567	+	0	0
ENSG000001AC068724.1	pseudogen	chr15	43109928	43110018	+	0	0
ENSG000001SNORA50	snoRNA	chr22	33704786	33704922	-	0	0
ENSG000001SNORA50	snoRNA	chr17	64146337	64146471	+	0	0
ENSG000001LINC01338	lincRNA	chr5	82850864	82859836	-	0	0
ENSG000001LINC00997	lincRNA	chr7	32760279	32762924	+	0.78	1
ENSG000001RP11-900F	antisense	chr12	88580531	88598218	+	0.15	0.67
ENSG000001HELLPAR	macro_Incl	chr12	1.02E+08	1.02E+08	+	0.24	0.28
ENSG000001NF1P9	transcribec	chr15	21490364	21509404	-	0	0
ENSG000001CTD-2574D	protein_co	chr16	29817239	29830627	+	2.03	1.12
ENSG000001ARRDC3-AS	lincRNA	chr5	91380349	91439085	+	0.53	0.28
ENSG000001RASSF1-AS	antisense	chr3	50337511	50338300	+	0	0
ENSG000001RP5-991B1	lincRNA	chr20	48471308	48472414	+	0	0
ENSG000001AC093826.1	pseudogen	chr4	1.29E+08	1.29E+08	+	0	0
ENSG000001INE2	antisense	chrX	15785716	15787589	-	0.03	0
ENSG000001ABALON	antisense	chr20	31721507	31723409	+	0.06	0.06
ENSG000001SEPT14P19	transcribec	chr19	186373	195696	-	3.54	0.98
ENSG000001CH507-513	lincRNA	chr21	8254592	8255514	-	0	0.04
ENSG000001RP11-237N	lincRNA	chr11	1.3E+08	1.3E+08	+	0	0
ENSG000001LINC00506	lincRNA	chr3	87089129	87157069	+	2.98	3.06
ENSG000001SCARNA4	scaRNA	chr1	1.56E+08	1.56E+08	-	0	0
ENSG000001SNHG4	processed_	chr5	1.39E+08	1.39E+08	+	3.29	3.61
ENSG000001LINC01176	lincRNA	chr7	30390885	30412375	+	0.28	0.61

ENSG00000100000	BLACAT1	lincRNA	chr1	2.05E+08	2.05E+08	-	0	0
ENSG00000100000	AP001052	pseudogen	chr21	43748365	43748468	-	0	0
ENSG00000100000	MIR548BB	miRNA	chr3	60617805	60617870	-	0	0
ENSG00000100000	PANDAR	lincRNA	chr6	36673621	36675126	-	0.08	0
ENSG00000100000	TGFB2-OT1	3prime_ov	chr1	2.18E+08	2.18E+08	+	0	0
ENSG00000100000	RP5-991B1	lincRNA	chr20	48476999	48477553	+	0	0
ENSG00000100000	CTC-459F4	sense_intr	chr19	27802838	27803472	+	0.11	0.95
ENSG00000100000	RP11-567F	TEC	chr2	1.48E+08	1.48E+08	+	0	0
ENSG00000100000	PISRT1	lincRNA	chr3	1.39E+08	1.39E+08	+	0	0
ENSG00000100000	LINC01955	lincRNA	chr2	87249095	87253750	-	0	0
ENSG00000100000	CICP14	processed_	chr7	1.29E+08	1.29E+08	-	0	0
ENSG00000100000	DNAJB5-AS	lincRNA	chr9	34985410	34989379	-	0	0
ENSG00000100000	SEPSECS-A	antisense	chr4	25160641	25201440	+	1.28	0.71
ENSG00000100000	CDR1-AS	antisense	chrX	1.41E+08	1.41E+08	+	0.35	0.51
ENSG00000100000	SCARNA4	scaRNA	chr2	1.31E+08	1.31E+08	-	0	0
ENSG00000100000	DGCR12	sense_intr	chr22	19061041	19061843	-	0	0.26
ENSG00000100000	RP4-669P1	lincRNA	chr22	42138060	42139726	+	0.65	0.84
ENSG00000100000	LINC00895	lincRNA	chr22	19565203	19566839	-	0.24	0
ENSG00000100000	RP11-294C	IG_V_pseu	chr15	21735506	21735945	-	0	0
ENSG00000100000	LSINCT5	lincRNA	chr5	2712591	2715237	+	0.17	0.22
ENSG00000100000	RP11-485F	lincRNA	chrX	98573859	98864984	+	0	0
ENSG00000100000	CH17-195P	TEC	chr1	1.45E+08	1.45E+08	+	3.74	3.61
ENSG00000100000	DBET	lincRNA	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000100000	GS1-114I9	protein_co	chr7	30362400	30412502	+	0	0.69
ENSG00000100000	RP11-395P	lincRNA	chr5	1.25E+08	1.25E+08	+	0	0
ENSG00000100000	RP11-506B	protein_co	chr6	1.12E+08	1.12E+08	+	0	0
ENSG00000100000	DUX4L3	unprocess	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000100000	SAMD12-A	lincRNA	chr8	1.19E+08	1.19E+08	+	0	0
ENSG00000100000	EBLN3P	lincRNA	chr9	37079857	37090507	+	18.17	15.69
ENSG00000100000	DUX4L7	unprocess	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000100000	RP11-817J	lincRNA	chr11	1.03E+08	1.03E+08	+	0	0
ENSG00000100000	LINC00976	lincRNA	chr8	1.29E+08	1.29E+08	-	3.4	3.48
ENSG00000100000	LINC00538	lincRNA	chr1	2.14E+08	2.14E+08	-	0	0
ENSG00000100000	RBM5-AS1	antisense	chr3	50099603	50100988	-	0.04	0
ENSG00000100000	PACRG-AS1	antisense	chr6	1.63E+08	1.63E+08	-	0	0
ENSG00000100000	MIR664A	miRNA	chr1	2.2E+08	2.2E+08	-	0	0
ENSG00000100000	LINC01012	lincRNA	chr6	27694035	27710222	+	0.01	0.05
ENSG00000100000	ERC2-IT1	sense_intr	chr3	55657206	55659382	-	0	0
ENSG00000100000	U3	snoRNA	chr3	30304321	30304536	-	0	0
ENSG00000100000	DUX4L8	unprocess	chr4	1.9E+08	1.9E+08	+	0	0
ENSG00000100000	LINC01080	lincRNA	chr13	80011077	80028283	+	0	0
ENSG00000100000	RP11-384K	lincRNA	chr4	1.19E+08	1.19E+08	-	0	0.04
ENSG00000100000	CTA-299D3	processed_	chr22	48538900	48547387	-	0	0
ENSG00000100000	CH17-118C	TEC	chr1	1.21E+08	1.21E+08	-	0	0
ENSG00000100000	C2-AS1	antisense	chr6	31934474	31941724	-	0	0

ENSG0000(LINC01230	lincRNA	chr9	1045625	1048641	+	0	0
ENSG0000(RP11-567F	TEC	chr2	1.48E+08	1.48E+08	+	0	0
ENSG0000(LINC00550	lincRNA	chr13	68861284	68885325	-	0	0
ENSG0000(snoZ196	snoRNA	chr2	2.06E+08	2.06E+08	+	0	0
ENSG0000(SNORA17	snoRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(LINC01394	lincRNA	chr6	1321698	1324022	-	0	0
ENSG0000(AL355480.	pseudogen	chr1	45605657	45605730	-	0	0
ENSG0000(HCP5B	lincRNA	chr6	29871895	29873783	-	0.03	0
ENSG0000(LINC00602	lincRNA	chr6	1.66E+08	1.66E+08	+	0	0
ENSG0000(MIR1291	miRNA	chr12	48654444	48654530	-	0	0
ENSG0000(RP13-465B	antisense	chrX	386980	405579	+	0.16	0
ENSG0000(RP13-465B	antisense	chrY	386980	405579	+	0.16	0
ENSG0000(LINC00891	lincRNA	chrX	71697196	71706455	+	0.13	0.01
ENSG0000(RP11-744A	lincRNA	chr17	19219143	19222527	+	0.03	0.56
ENSG0000(SNORD38B	snoRNA	chr1	44778390	44778458	+	0	0
ENSG0000(SNORA43	snoRNA	chr3	8931495	8931632	+	0	0
ENSG0000(PAUPAR	lincRNA	chr11	31826347	31829311	+	0	0
ENSG0000(SPRY4-IT1	lincRNA	chr5	1.42E+08	1.42E+08	-	0	0.21
ENSG0000(RP11-65B7	protein_co	chr13	43883800	44028526	+	0.46	0.1
ENSG0000(GIMAP1-GI	protein_co	chr7	1.51E+08	1.51E+08	+	0	0
ENSG0000(RP11-274B	transcribed	chr7	1.29E+08	1.29E+08	+	0	0
ENSG0000(AL359736.	protein_co	chr13	24321126	24321428	-	0	0
ENSG0000(AF127936.	lincRNA	chr21	14819699	14918552	-	1.49	0.59
ENSG0000(CH17-132F	lincRNA	chr2	90365737	90367699	+	0.03	0.09
ENSG0000(RP11-439N	unprocessed	chr15	22480439	22484840	-	0	0
ENSG0000(SNORA50A	snoRNA	chr16	58559796	58559931	-	0	0
ENSG0000(LINC01144	lincRNA	chr1	45303910	45305619	+	0.13	0.36
ENSG0000(RP11-418H	lincRNA	chr2	65623272	65628424	+	0.18	0.1
ENSG0000(RP3-510D1	lincRNA	chr1	9197143	9198906	-	0	0.04
ENSG0000(CTB-127M:	protein_co	chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-126C	processed_	chrX	9412772	9413522	+	0	0
ENSG0000(RP11-126C	processed_	chrX	9411701	9412478	+	0	0
ENSG0000(TRBJ1-4	TR_J_gene	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(AF067845.	lincRNA	chr8	1377867	1380307	+	0	0
ENSG0000(XXyac-YR3:	TEC	chr6	39818751	39823227	+	0	0
ENSG0000(RP11-411A	TEC	chr10	86948677	86949875	+	0.05	0.05
ENSG0000(IGHV1-69-:	IG_V_gene	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(TMEM265	protein_co	chr16	30740381	30744281	+	1.5	0
ENSG0000(LL22NC03-	lincRNA	chr22	24691122	24696003	-	0	0
ENSG0000(CTD-2336C	lincRNA	chr8	1758208	1760447	-	0.05	0.05
ENSG0000(RP11-259C	antisense	chr12	8858143	8915276	-	0	0.19
ENSG0000(RP3-467D1	antisense	chr6	16259101	16264553	-	0.05	0
ENSG0000(RP11-506F	lincRNA	chr2	1.1E+08	1.1E+08	-	0	0
ENSG0000(RP11-2C24	protein_co	chr16	30704067	30745169	+	1.51	2.22
ENSG0000(CTA-286B1	lincRNA	chr22	35376422	35377261	+	0.13	0.25

ENSG0000(RP4-590F2_sense_intr)	chr1	1.14E+08	1.14E+08	+	0	0
ENSG0000(LLNLF-173_transcribec)	chr19	197961	200775	+	0	0
ENSG0000(RP4-621F1_lincRNA)	chr1	85482281	85578250	-	1.61	1.68
ENSG0000(CICP19_processed)	chr19	193239	195595	+	0	0
ENSG0000(RP11-69M_lincRNA)	chr12	8014093	8019007	-	0	0
ENSG0000(IGHD3OR1_IG_D_gene)	chr15	21012559	21012589	-	0	0
ENSG0000(RP4-781K5_lincRNA)	chr1	2.35E+08	2.35E+08	+	0	0
ENSG0000(HSP90AB4_processed)	chr15	58691106	58693125	-	0	0
ENSG0000(RP5-1065P_lincRNA)	chr1	2.29E+08	2.29E+08	-	0	0
ENSG0000(RP11-388P_antisense)	chr10	60139912	60140877	+	0	0
ENSG0000(IGHV7-4-1_IG_V_gene)	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(TRBJ1-3_TR_J_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(OR4G3P_unprocessε)	chr19	94062	94974	+	0	0
ENSG0000(CH17-174L_lincRNA)	chr8	2517898	2529710	-	0	0
ENSG0000(RP1-163M_lincRNA)	chr1	16656879	16667524	+	0	0.09
ENSG0000(AF067845_lincRNA)	chr8	1373685	1381394	+	0	0
ENSG0000(PEG13_sense_intr)	chr8	1.4E+08	1.4E+08	-	0.13	0.19
ENSG0000(TRBJ1-5_TR_J_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-527L_processed)	chr17	43914433	43923001	-	0	0
ENSG0000(RP11-141C_unprocessε)	chr3	1.96E+08	1.96E+08	+	0	0
ENSG0000(RP1-179P9_protein_co)	chr6	1.17E+08	1.18E+08	-	0	0
ENSG0000(RP11-27G1_antisense)	chr1	2.01E+08	2.01E+08	+	0	0
ENSG0000(RP11-126C_processed)	chrX	9410789	9411545	+	0	0
ENSG0000(RP11-295P_protein_co)	chr10	13610047	13655929	+	0	0
ENSG0000(RP11-199H_lincRNA)	chr1	2.15E+08	2.15E+08	-	0	0
ENSG0000(IGHD2OR1_IG_D_gene)	chr15	21015048	21015078	-	0	0
ENSG0000(CYP3A51P_unprocessε)	chr7	99685145	99700034	-	0	0
ENSG0000(RP11-231C_protein_co)	chr4	53377839	54295272	+	9.56	8.08
ENSG0000(RP11-126C_processed)	chrX	9408818	9409571	+	0	0
ENSG0000(RP11-126C_processed)	chrX	9413816	9414569	+	0	0
ENSG0000(CYP3A7-CY_protein_co)	chr7	99684957	99735102	-	0.25	0
ENSG0000(RP11-1223_processed)	chr2	1.1E+08	1.1E+08	+	0	0.42
ENSG0000(RP11-126C_processed)	chrX	9404954	9405731	+	0	0
ENSG0000(DPRXP3_processed)	chr14	35222174	35222746	+	0	0
ENSG0000(RP11-173A_lincRNA)	chr1	2.45E+08	2.45E+08	+	0.13	0
ENSG0000(TRBJ1-1_TR_J_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(MTND1P7_unprocessε)	chr8	46828117	46828413	-	0	0
ENSG0000(RP11-657G_processed)	chr3	1.8E+08	1.8E+08	+	0	0
ENSG0000(LLNLF-176f_transcribec)	chr19	200499	201174	-	2.76	1.52
ENSG0000(RP11-126C_processed)	chrX	9406952	9407708	+	0	0
ENSG0000(RP11-43A1_lincRNA)	chr8	738548	740374	+	0	0
ENSG0000(RP11-328P_lincRNA)	chr7	65269374	65306238	+	0	0
ENSG0000(RP11-422P_antisense)	chr1	1.54E+08	1.54E+08	+	0.47	0.61
ENSG0000(RP11-29A1_sense_intr)	chr10	1290018	1293002	-	0	0
ENSG0000(CTD-3113P_lincRNA)	chr19	248551	251571	-	4.45	4.71

ENSG0000(RP3-335E1 antisense)	chr6	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-359E processed)	chr10	1.2E+08	1.2E+08	+	0.22	0
ENSG0000(LLNLF-173 processed)	chr19	197310	198066	-	0	0
ENSG0000(RP11-496N lincRNA)	chr1	2.25E+08	2.25E+08	+	0	0
ENSG0000(TEX13D protein_co)	chrX	1.24E+08	1.24E+08	+	0	0
ENSG0000(TRBJ1-2 TR_J_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(TRBD1 TR_D_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-369J transcribed)	chr10	80053428	80053548	-	0	0
ENSG0000(RP11-605B lincRNA)	chr2	1.56E+08	1.56E+08	-	0	0
ENSG0000(WASH5P transcribed)	chr19	60951	71626	-	25.66	29.12
ENSG0000(RP5-1128N lincRNA)	chr20	11536406	11541647	-	0	0
ENSG0000(TRBV25-1 TR_V_gene)	chr7	1.43E+08	1.43E+08	+	0	0
ENSG0000(RP11-126C processed)	chrX	9406025	9406778	+	0	0
ENSG0000(FKBP1AP4 processed)	chr3	1.49E+08	1.49E+08	-	0	0
ENSG0000(LINC01002 processed)	chr19	198264	239440	-	12.21	12.22
ENSG0000(CLUHP10 unprocessed)	chr3	75629993	75634057	+	0	0
ENSG0000(IGHD3OR1.IG_D_gene)	chr15	20005905	20005935	-	0	0
ENSG0000(RP11-389G antisense)	chr3	97800733	97821884	-	0	0.19
ENSG0000(AC092192. lincRNA)	chr19	176896	177913	+	0	0
ENSG0000(AC008993. TEC)	chr19	68403	69178	+	0	0.18
ENSG0000(RP11-304C lincRNA)	chr11	6323554	6324023	+	0.9	1.98
ENSG0000(RP4-553F1 lincRNA)	chr1	2.3E+08	2.3E+08	+	0	0
ENSG0000(RP11-482G processed)	chr7	19018	35489	-	0	0
ENSG0000(FAM138F lincRNA)	chr19	76163	77686	-	0	0
ENSG0000(IGHD2OR1.IG_D_gene)	chr15	20008402	20008432	-	0	0
ENSG0000(IGHV3-69.IG_V_pseu)	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(CTA-286B1 lincRNA)	chr22	35372174	35372621	+	0	0
ENSG0000(ADORA3 protein_co)	chr1	1.11E+08	1.12E+08	-	0.03	0.19
ENSG0000(MRPL57P8 processed)	chr14	35219023	35219283	-	0	0
ENSG0000(IGHV3-64D IG_V_gene)	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(IGHV5-10.IG_V_gene)	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-126C processed)	chrX	9407861	9408638	+	0	0
ENSG0000(CH17-31A6 lincRNA)	chr8	2495522	2499428	+	0	0
ENSG0000(CTD-3212A lincRNA)	chr8	1018757	1019704	+	0	0
ENSG0000(RP11-126C processed)	chrX	9409748	9410501	+	0	0
ENSG0000(RP11-348H lincRNA)	chr1	2.13E+08	2.13E+08	+	0	0
ENSG0000(PGR-AS1 processed)	chr11	1.01E+08	1.01E+08	+	0	0
ENSG0000(RP11-157B unprocessed)	chr19	22215634	22215661	-	0	0
ENSG0000(RP11-428C unprocessed)	chr17	36161607	36162926	+	0	0
ENSG0000(RP5-1182A lincRNA)	chr1	16739938	16750589	-	0	0
ENSG0000(RP11-539L. TEC)	chr4	6697861	6698809	-	0.13	0.33
ENSG0000(DUXB protein_co)	chr16	75693929	75701459	-	0	0
ENSG0000(RP11-555E lincRNA)	chr8	891251	893112	-	0	0
ENSG0000(RP11-753C antisense)	chr10	1.03E+08	1.03E+08	-	0.62	0.28
ENSG0000(TRBJ1-6 TR_J_gene)	chr7	1.43E+08	1.43E+08	+	0	0

ENSG0000(RP11-1223 transcribed chr2	1.1E+08	1.1E+08 +	0	0
ENSG0000(RP11-151A lincRNA chr10	1.25E+08	1.25E+08 +	0	0.26
ENSG0000(RP11-14C1 lincRNA chr15	1.02E+08	1.02E+08 -	0	0
ENSG0000(LLNLR-222) TEC chr19	69167	69972 +	0.08	0
ENSG0000(RP3-369A1 protein_co chr6	24797373	24809798 -	0	0
ENSG0000(AC008993) lincRNA chr19	71778	72718 +	0	0
ENSG0000(TEX13C protein_co chrX	1.25E+08	1.25E+08 +	0	0
ENSG0000(AC000035) antisense chr22	29480220	29481113 -	0	0
ENSG0000(FRG1CP unprocessed chr20	28580709	28602664 -	16.09	15.85
ENSG0000(RP13-794C protein_co chr3	48446846	48467645 +	1.64	1.8
ENSG0000(RP11-443F) lincRNA chr2	49563398	49595122 +	0	0
ENSG0000(SEPT14P21 transcribed chr1	2.43E+08	2.43E+08 -	0	0
ENSG0000(RP11-712B processed_ chr11	95203727	95204033 +	0	0
ENSG0000(RP11-369J) antisense chr2	1.97E+08	1.97E+08 -	0	0
ENSG0000(GS1-590J6) lincRNA chrX	11668401	11757718 -	0	0
ENSG0000(FRG2EP unprocessed chr20	29415264	29416911 -	0	0
ENSG0000(RP11-380J) lincRNA chr1	17193232	17201733 -	0	0
ENSG0000(RP11-121P) lincRNA chr1	2E+08	2E+08 -	0.32	0
ENSG0000(RHOXF1P2 unprocessed chrX	1.2E+08	1.2E+08 -	0	0
ENSG0000(BISPR lincRNA chr19	17405694	17418904 +	0.95	1.15
ENSG0000(RP5-1003J) processed_ chr1	1.1E+08	1.1E+08 +	0	0
ENSG0000(RP11-50D9) processed_ chr4	1.28E+08	1.28E+08 +	0.68	0
ENSG0000(CTA-250D1) sense_intron chr7	1.15E+08	1.15E+08 +	0	0
ENSG0000(RP11-153F) lincRNA chr3	1.28E+08	1.28E+08 -	0.57	0.13
ENSG0000(RP11-90J7) lincRNA chr10	78179174	78675109 +	0	0
ENSG0000(RP11-487A) TEC chr13	91485793	91486870 +	0	0
ENSG0000(RP11-306C) TEC chr13	92239835	92241951 -	0	0.06
ENSG0000(FRG1DP unprocessed chr20	29080390	29102761 +	0.26	0.28
ENSG0000(RP11-96L1) protein_co chr1	26164161	26168581 -	0	0
ENSG0000(XXyac-YRM) processed_ chr10	1.34E+08	1.34E+08 -	0	0
ENSG0000(RP1-138B7) lincRNA chr20	43590009	43590596 -	0	0
ENSG0000(RP11-10F1) processed_ chr7	56736396	56736590 -	0	0
ENSG0000(RP11-49P4) protein_co chr1	46532166	46533614 -	0	0
ENSG0000(RP11-477N) lincRNA chr17	9764188	9805073 +	0	0
ENSG0000(RP11-596C) lincRNA chr14	49861176	49864326 -	0.07	0.22
ENSG0000(RP11-307E) processed_ chr9	94347234	94347563 -	0	0
ENSG0000(RP11-470L) lincRNA chr1	1.1E+08	1.1E+08 +	0	0
ENSG0000(RP11-460M) lincRNA chr2	48809340	49419013 +	0	0
ENSG0000(DUX4L33 unprocessed chr20	29324092	29325049 +	0	0
ENSG0000(RP11-168K) TEC chr9	1.14E+08	1.14E+08 -	0	0
ENSG0000(RP4-726F1) lincRNA chr1	79323769	79324852 -	0	0
ENSG0000(RP11-731J) bidirection chr4	47463784	47470477 +	0	0
ENSG0000(RP11-252C) lincRNA chr10	65123667	65141185 +	0	0
ENSG0000(LA16c-407) processed_ chr16	568837	576257 +	0.1	0.27
ENSG0000(RP11-157F) transcribed chrY	18389297	18391510 -	0	0

ENSG0000(DUX4L35 unprocessed)	chr20	29448517	29449306	-	0	0.09
ENSG0000(RP11-413E processed)	chr3	75624899	75625188	+	0	0
ENSG0000(RP1-138A5 lincRNA)	chrX	87707579	87750883	-	0	0
ENSG0000(RP11-205A sense_intr)	chr10	72467749	72473304	-	0	0
ENSG0000(RP11-676F lincRNA)	chr11	92914272	92915604	-	0	0
ENSG0000(RP11-121C antisense)	chr4	47831385	47896709	+	0	0
ENSG0000(CFTRP2 processed)	chr20	29641778	29641976	+	0	0
ENSG0000(RP11-104C unprocessed)	chr16	33723356	33763773	-	0	0
ENSG0000(CTD-2195M lincRNA)	chr5	1.28E+08	1.28E+08	-	0	0
ENSG0000(RP11-23E1 processed)	chr16	33484887	33485131	+	0	0
ENSG0000(RHOXF1P3 transcribed)	chrX	1.2E+08	1.2E+08	+	0	0
ENSG0000(DUX4L34 unprocessed)	chr20	29410348	29411600	-	0	0
ENSG0000(CTC-281F2 protein_coding)	chr17	6636780	6640316	-	0.68	0.82
ENSG0000(TRBV7-2 TR_V_gene)	chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP11-676F lincRNA)	chr11	92915884	92931322	+	0	0
ENSG0000(CTC-490G2 antisense)	chr19	42977463	43171515	+	0	0
ENSG0000(RP11-1216 processed)	chr2	1.31E+08	1.31E+08	+	0	0
ENSG0000(RP11-80F2 processed)	chr16	35528367	35529318	-	0	0
ENSG0000(PCMTD1P7 unprocessed)	chr20	29321310	29321666	-	0	0
ENSG0000(RP11-174C lincRNA)	chr3	1.2E+08	1.2E+08	-	0	0
ENSG0000(CTC-490E2 antisense)	chr19	40779780	40796943	-	0	0.06
ENSG0000(RP11-17G2 lincRNA)	chr10	78538391	78551719	-	0	0
ENSG0000(PRNCR1 lincRNA)	chr8	1.27E+08	1.27E+08	+	0.01	0.02
ENSG0000(RP11-438H sense_intr)	chr12	1.03E+08	1.03E+08	-	0	0
ENSG0000(RP11-683L lincRNA)	chr18	49815	73545	-	0	0
ENSG0000(AGGF1P10 processed)	chr20	29430723	29432913	+	0	0
ENSG0000(RP11-1277 processed)	chr16	33345182	33345396	+	0	0
ENSG0000(LINC02034 lincRNA)	chr3	1.28E+08	1.28E+08	+	0	0
ENSG0000(PCBP2-OT1 non_coding)	chr12	53464468	53465057	+	0.36	0.26
ENSG0000(RP11-144C processed)	chr3	1.01E+08	1.01E+08	-	0	0
ENSG0000(RP11-807C processed)	chr17	5512040	5512537	-	0.75	0.66
ENSG0000(RP11-901H lincRNA)	chr3	21006730	21226305	-	0	0
ENSG0000(HIST1H3D protein_coding)	chr6	26195595	26199293	-	0.34	0.08
ENSG0000(KB-1396H2 processed)	chr8	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-118A TEC)	chr13	92658994	92659227	-	1.05	4.34
ENSG0000(ABC7-4239 processed)	chr4	1.9E+08	1.9E+08	-	0	0
ENSG0000(FRG1EP unprocessed)	chr20	29480147	29497179	-	0.4	0.68
ENSG0000(RP11-351M lincRNA)	chr10	28303300	28307658	+	0	0
ENSG0000(RP11-95C1 sense_intr)	chr13	91994518	91996523	+	0.04	0.15
ENSG0000(RP11-152D lincRNA)	chr2	49202126	49451896	-	0	0
ENSG0000(RP11-297A lincRNA)	chr10	34969909	34975578	+	0.05	0.05
ENSG0000(RP11-317C antisense)	chr9	1.05E+08	1.05E+08	+	0.11	0.04
ENSG0000(RP11-418I2 lincRNA)	chr16	9542045	9614894	+	0	0
ENSG0000(CDC27P3 processed)	chr20	29746181	29748090	+	0	0
ENSG0000(RP1-273N1 lincRNA)	chr6	98829967	98832508	-	0	0

ENSG0000(RP11-176H processed_ chr14	31320224	31320634	-	0	0
ENSG0000(DUX4L37 unprocessε chr20	29878636	29879363	-	0	0
ENSG0000(FRG1GP unprocessε chr22	12602466	12626642	+	0.4	0.12
ENSG0000(RP11-477N antisense chr17	9805443	9811047	+	0	0
ENSG0000(RN7SL1 non_codinι chr14	49586579	49586878	+	0	0
ENSG0000(RP11-557N lincRNA chr2	23667208	23685453	-	0	0.02
ENSG0000(RP11-219A lincRNA chr17	16861146	16864223	+	0	0
ENSG0000(LINC01988 lincRNA chr3	44424134	44429529	+	0	0
ENSG0000(KLF18 protein_co chr1	44137821	44141631	-	0	0
ENSG0000(FAM166AP transcribec chr1	874529	877234	-	0	0
ENSG0000(RP11-371A processed_ chr7	1.33E+08	1.33E+08	-	0.2	0.47
ENSG0000(RP11-284H processed_ chr4	60038269	60038586	+	0	0
ENSG0000(RP11-357P lincRNA chr1	2.07E+08	2.07E+08	-	0	0
ENSG0000(RP11-764D sense_intrι chr17	44486153	44486815	-	0	0
ENSG0000(FRG1FP unprocessε chr22	10939388	10961338	-	0.17	0.28
ENSG0000(GTF2IP12 transcribec chr4	1.19E+08	1.19E+08	-	0.64	0.73
ENSG0000(LINC01668 lincRNA chr21	42777819	42779994	-	0	0
ENSG0000(RP11-210L lincRNA chr12	1.02E+08	1.02E+08	+	0	0
ENSG0000(RP11-30G1 lincRNA chr10	90622143	90623611	-	0	0
ENSG0000(RP11-417N processed_ chr16	71777603	71777834	-	0	0.7
ENSG0000(RP11-358H antisense chr2	50620963	50632993	+	0	0
ENSG0000(ABC7-4817 lincRNA chr7	12704	27234	+	0	0
ENSG0000(TRBV6-2 TR_V_gene chr7	1.42E+08	1.42E+08	+	0	0
ENSG0000(RP1-221C1 antisense chr6	26160765	26172802	-	0.11	0.12
ENSG0000(RP11-598D processed_ chr16	34015260	34015477	+	0	0
ENSG0000(DUX4L32 unprocessε chr20	29318824	29319579	+	0	0
ENSG0000(RP11-736N protein_co chr14	1.03E+08	1.03E+08	+	0.09	0
ENSG0000(RP11-359G lincRNA chr20	22685391	22746107	+	0	0
ENSG0000(RP11-834C lincRNA chr12	54142591	54147485	+	0	0
ENSG0000(RP11-124N lincRNA chr13	22931537	22931999	+	0	0
ENSG0000(RP11-529I transcribec chrY	17514502	17516715	+	0	0
ENSG0000(RP11-11M lincRNA chr20	62066830	62068437	+	0.25	0.12
ENSG0000(RP11-61G1 lincRNA chr4	10737572	10749586	+	0	0
ENSG0000(RP11-639E processed_ chr18	23485000	23485197	+	0	0
ENSG0000(CTD-2331H protein_co chr19	52880663	52962768	-	1.33	0.7
ENSG0000(CENPVL2 protein_co chrX	51681212	51682831	-	0	0
ENSG0000(ABC11-493 lincRNA chr10	1.32E+08	1.32E+08	+	0	0
ENSG0000(RP11-157J lincRNA chr10	78176928	78178186	+	0	0
ENSG0000(RP11-165N TEC chr13	92446470	92449056	+	0	0
ENSG0000(RP11-964E bidirection chr14	36320753	36656163	+	0	0
ENSG0000(BMS1P21 transcribec chr10	79906605	79907856	+	0.74	0
ENSG0000(LLNLR-245I antisense chr19	58310449	58326933	-	1.59	1.69
ENSG0000(CTC-325H2 processed_ chr19	9383581	9407055	-	0.36	0.53
ENSG0000(RP11-1437 processed_ chr16	33386105	33386349	+	0	0
ENSG0000(CTD-2060L lincRNA chr7	10449820	10779944	-	0.02	0

ENSG00000180100	RP11-107E antisense	chr2	1.44E+08	1.44E+08	+	0	0
ENSG00000180101	HYMA1 non_coding	chr6	1.44E+08	1.44E+08	-	0.02	0.07
ENSG00000180102	RARRES2P1 processed	chr20	29427400	29427883	-	0	0
ENSG00000180103	RP11-299P antisense	chr18	63207622	63208168	+	0	0
ENSG00000180104	MIR1297 miRNA	chr13	54311972	54312048	-	0	0
ENSG00000180105	RP5-912113 processed	chr7	1.55E+08	1.56E+08	-	0	0.02
ENSG00000180106	RP11-360A processed	chr13	88571654	88572312	+	0	0
ENSG00000180107	MTND2P41 unprocessed	chr4	68049706	68050478	-	0	0
ENSG00000180108	RP4-614C1 unprocessed	chr2	89622213	89640635	-	0	0
ENSG00000180109	RP11-12911 processed	chr15	41157175	41157342	-	0	0
ENSG00000180110	U6 snRNA	chr1	43023549	43023637	-	0	0
ENSG00000180111	RP11-294C unprocessed	chr15	21543038	21543920	-	0	0
ENSG00000180112	RP3-488M1 antisense	chr12	3752518	3757842	+	0.13	0
ENSG00000180113	RP11-109A lincRNA	chr10	1.3E+08	1.3E+08	+	0	0
ENSG00000180114	RP1-172H2 transcribed	chr20	45137706	45138976	-	0	0
ENSG00000180115	KB-1592A4 unprocessed	chr22	21228760	21229138	-	0	0
ENSG00000180116	MIR548AU miRNA	chr9	93594841	93594894	+	0	0
ENSG00000180117	RP11-456N lincRNA	chr3	58174478	58178374	-	0	0
ENSG00000180118	RP11-134F protein_coding	chr3	1.87E+08	1.87E+08	+	2.53	0
ENSG00000180119	MIR3120 miRNA	chr1	1.72E+08	1.72E+08	+	0	0
ENSG00000180120	IQCJ-SCHIP protein_coding	chr3	1.59E+08	1.6E+08	+	5.76	4.6
ENSG00000180121	AC011380. processed	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000180122	RP11-64616 transcribed	chr4	56410516	56431548	+	0.05	0.11
ENSG00000180123	RP11-85M1 antisense	chr8	1.05E+08	1.05E+08	-	0	0
ENSG00000180124	MIR665 miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000180125	MIR4521 miRNA	chr17	8186945	8187004	+	0	0
ENSG00000180126	RP11-403F transcribed	chr9	38433696	38543880	+	0	0
ENSG00000180127	RP11-499P antisense	chr2	2.31E+08	2.31E+08	+	0	0
ENSG00000180128	MIR203B miRNA	chr14	1.04E+08	1.04E+08	-	0	0
ENSG00000180129	RP11-193H processed	chr1	2.38E+08	2.38E+08	-	0	0
ENSG00000180130	RP11-1223 unprocessed	chr2	1.1E+08	1.1E+08	+	0	0
ENSG00000180131	MIR382 miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000180132	hsa-mir-54 miRNA	chr8	1.23E+08	1.23E+08	-	0	0
ENSG00000180133	RP11-193H processed	chr1	2.38E+08	2.38E+08	-	0	0
ENSG00000180134	RP11-208N antisense	chr3	1.87E+08	1.87E+08	+	0.68	1.35
ENSG00000180135	RP11-629C processed	chr8	1.34E+08	1.34E+08	+	0	0
ENSG00000180136	AL590763.1 unprocessed	chrX	71869763	71873295	-	0.07	0.08
ENSG00000180137	MIR6767 miRNA	chr16	2445392	2445457	+	0	0
ENSG00000180138	RP11-1263 lincRNA	chr4	577168	584866	+	0	0
ENSG00000180139	MIR2052 miRNA	chr8	74705693	74705747	+	0	0
ENSG00000180140	RP11-949J1 protein_coding	chr3	49416777	49429314	-	1.3	1.26
ENSG00000180141	MIR1243 miRNA	chr4	1.13E+08	1.13E+08	+	0	0
ENSG00000180142	IGHVII-43-1 IG_V_pseudogene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000180143	RP4-614C1 lincRNA	chr2	89542842	89585652	-	54.59	53.79
ENSG00000180144	RP11-629C processed	chr8	1.34E+08	1.34E+08	+	0	0

ENSG00000181141	RP11-481L	unprocessed	chr10	1.23E+08	1.23E+08	+	0	0
ENSG00000181142	ABC13-474	protein_coding	chr13	1.14E+08	1.14E+08	-	0.13	0.4
ENSG00000181143	MIR1206	miRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG00000181144	RP11-15H2	protein_coding	chr19	23222755	23274221	-	0	0.05
ENSG00000181145	RP11-395A	unitary_prime_transcript	chr2	2.31E+08	2.31E+08	-	0	0
ENSG00000181146	MIR1246	miRNA	chr2	1.77E+08	1.77E+08	-	0	0
ENSG00000181147	MIR4434	miRNA	chr2	64525513	64525565	+	0	0
ENSG00000181148	RP11-350E	protein_coding	chr9	87956214	87956883	+	0	0
ENSG00000181149	MIR941-1	miRNA	chr20	63919449	63919520	+	0	0
ENSG00000181150	MIR1255B	miRNA	chr4	36426366	36426428	-	0	0
ENSG00000181151	RP11-226E	protein_coding	chr13	76992078	77129589	+	0.2	0.03
ENSG00000181152	RP11-347L	sense_intronic	chr17	56803841	56804269	-	0	0
ENSG00000181153	MIR1322	miRNA	chr8	10825373	10825443	-	0	0
ENSG00000181154	RP11-216M	unprocessed	chr9	40167392	40171329	+	0	0
ENSG00000181155	MIR642B	miRNA	chr19	45674932	45675008	-	0	0
ENSG00000181156	CTC-591M	lincRNA	chr16	22806289	22813680	-	0	0
ENSG00000181157	RP4-614C1	unprocessed	chr2	89662601	89662977	+	0	0
ENSG00000181158	RP11-344J	lincRNA	chr6	43844878	43852317	-	0	0
ENSG00000181159	RP11-472I	lincRNA	chr11	43556436	43673393	+	0	0
ENSG00000181160	MIR302F	miRNA	chr18	30298910	30298960	+	0	0
ENSG00000181161	AC006160	unprocessed	chr4	17557892	17558045	-	0	0
ENSG00000181162	RP11-297N	antisense	chr16	9794637	9805571	+	0	0
ENSG00000181163	MIR4433A	miRNA	chr2	64340759	64340839	+	0	0
ENSG00000181164	MIR3199-2	miRNA	chr22	27920526	27920611	+	0	0
ENSG00000181165	RP1-20N18	protein_coding	chr1	1.53E+08	1.53E+08	+	0	0
ENSG00000181166	CTD-2021K	protein_coding	chr2	1.52E+08	1.52E+08	-	1.04	0.94
ENSG00000181167	RP11-1217	unprocessed	chr7	57168725	57169074	+	0	0
ENSG00000181168	Cyp2c44	unitary_prime_transcript	chr10	1E+08	1E+08	-	0	0
ENSG00000181169	RP11-26H1	transcribed	chr1	21950679	21956871	-	0	0
ENSG00000181170	RP11-844P	processed	chr5	1.76E+08	1.76E+08	-	0.13	0
ENSG00000181171	AC074141	transcribed	chr19	51860242	51863236	-	0.19	0.39
ENSG00000181172	hsa-mir-55	miRNA	chr7	30289794	30289890	-	0	0
ENSG00000181173	MIR1245B	miRNA	chr2	1.89E+08	1.89E+08	-	0	0
ENSG00000181174	KBTBD11-C	protein_coding	chr8	1763888	1958627	+	0.25	0.64
ENSG00000181175	RP11-239A	lincRNA	chr12	16661766	16788375	+	0.11	0.06
ENSG00000181176	MIR384	miRNA	chrX	76919273	76919360	-	0	0
ENSG00000181177	MEP1AP1	unprocessed	chr9	40187792	40193921	-	0	0
ENSG00000181178	RP11-638I	protein_coding	chr7	45860008	45873082	-	0	0
ENSG00000181179	U6	snRNA	chr15	65843484	65843558	+	0	0
ENSG00000181180	CTB-60B18	transcribed	chr19	49056088	49058761	-	0.07	0.36
ENSG00000181181	RP5-968D2	lincRNA	chr1	1.68E+08	1.68E+08	-	0	0
ENSG00000181182	U6	snRNA	chr12	31366288	31366366	+	0	0
ENSG00000181183	RP11-715F	unprocessed	chr11	67538899	67540584	+	0	0
ENSG00000181184	AC007491	lincRNA	chr16	54628963	54657662	-	0	0
ENSG00000181185	ABC14-118	antisense	chr1	2773603	2776473	+	0	0

ENSG00000100000	U6	snRNA	chr2	88367793	88367862	-	0	0
ENSG00000100000	RP11-95M1	lincRNA	chr6	1.38E+08	1.38E+08	+	0.05	0
ENSG00000100000	CTB-16J4.1	protein_coding	chr7	90316503	90321308	-	0	0
ENSG00000100000	RP11-727F	protein_coding	chr11	62832319	62832803	-	0	0
ENSG00000100000	AC005307	transcribed	chr19	28683071	28727777	-	0	0
ENSG00000100000	AC096579	transcribed	chr2	88811186	88825207	-	0	0
ENSG00000100000	U6	snRNA	chr4	13051342	13051411	+	0	0
ENSG00000100000	RP11-1180	unprocessed	chr15	22714342	22717727	+	0	0
ENSG00000100000	5_8S	rRNA	chr14	16057472	16057622	+	0	0
ENSG00000100000	MIR4275	miRNA	chr4	28819582	28819668	+	0	0
ENSG00000100000	MIR3914-2	miRNA	chr7	71307674	71307768	+	0	0
ENSG00000100000	MIR376C	miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG00000100000	MIR7978	miRNA	chr4	21464700	21464758	-	0	0
ENSG00000100000	RP11-1223	unprocessed	chr2	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	CTC-429C1	unprocessed	chr19	51914675	51917703	-	0	0
ENSG00000100000	RP11-386E	lincRNA	chr5	40415137	40431491	+	0	0
ENSG00000100000	AC138517	protein_coding	chr5	1.39E+08	1.39E+08	+	0	0
ENSG00000100000	MIR524	miRNA	chr19	53711002	53711088	+	0	0
ENSG00000100000	U6	snRNA	chr14	24352057	24352157	-	0	0
ENSG00000100000	5_8S	rRNA	chr20	29741510	29741661	-	0	0
ENSG00000100000	RN7SK	snRNA	chr6	52995621	52995948	+	2.7	3.63
ENSG00000100000	RP11-681B	processed	chr18	14225224	14342505	+	0.02	0.01
ENSG00000100000	MIR4256	miRNA	chr1	1.12E+08	1.12E+08	-	0	0
ENSG00000100000	RP4-816N1	protein_coding	chr12	2849039	2857083	-	0	0
ENSG00000100000	MIR4272	miRNA	chr3	67225464	67225527	+	0	0
ENSG00000100000	U6	snRNA	chr21	28743208	28743291	+	0	0
ENSG00000100000	MIR4520-2	miRNA	chr17	6655449	6655502	+	0	0
ENSG00000100000	RP11-109E	antisense	chr2	1.31E+08	1.31E+08	+	0	0
ENSG00000100000	LINC02183	lincRNA	chr16	54542808	54559100	-	0	0
ENSG00000100000	OR5AK4P	unprocessed	chr11	57037534	57038436	+	0	0
ENSG00000100000	RP11-1217	unprocessed	chr7	57172772	57173283	-	0	0
ENSG00000100000	RP11-562I5	processed	chr2	2.31E+08	2.31E+08	-	0	0.08
ENSG00000100000	U6	snRNA	chr4	70848136	70848218	-	0	0
ENSG00000100000	RP11-263J1	lincRNA	chr4	26070754	26104258	+	0	0
ENSG00000100000	RP11-122G	lincRNA	chr1	1.61E+08	1.61E+08	-	0.12	0.27
ENSG00000100000	MIR103B2	miRNA	chr20	3917502	3917563	-	0	0
ENSG00000100000	RP11-507K	protein_coding	chr7	17299295	17467234	+	0.26	0
ENSG00000100000	RP11-235D	protein_coding	chr1	1.51E+08	1.51E+08	+	0	0
ENSG00000100000	MIR6860	miRNA	chr11	67045643	67045708	+	0	0
ENSG00000100000	MIR6841	miRNA	chr8	24953796	24953867	-	0	0
ENSG00000100000	RP11-481L	unprocessed	chr10	1.23E+08	1.23E+08	+	0	0
ENSG00000100000	RP13-198D	protein_coding	chr9	38694263	38720428	-	0	0
ENSG00000100000	MIR518D	miRNA	chr19	53734877	53734963	+	0	0
ENSG00000100000	RP11-1223	lincRNA	chr2	1.1E+08	1.1E+08	-	0	0
ENSG00000100000	MIR7977	miRNA	chr3	1.77E+08	1.77E+08	+	0	0

ENSG00000103921	hsa-mir-45	miRNA	chrX	55451495	55451582	-	0	0
ENSG00000103922	MIR219B	miRNA	chr9	1.28E+08	1.28E+08	+	0	0
ENSG00000103923	RP11-294C	unprocessed	chr15	21609104	21610016	+	0	0
ENSG00000103924	U6	snRNA	chr10	1.03E+08	1.03E+08	+	0	0
ENSG00000103925	RP11-125F	unprocessed	chr11	47323983	47324181	+	0	0
ENSG00000103926	RP11-5C23	unprocessed	chr7	1.55E+08	1.55E+08	+	0	0
ENSG00000103927	MIR3119-2	miRNA	chr1	1.7E+08	1.7E+08	-	0	0
ENSG00000103928	RP11-4721	processed	chr11	43578889	43840030	+	0.7	0.43
ENSG00000103929	NBPF13P	unprocessed	chr1	1.47E+08	1.47E+08	-	0	0
ENSG00000103930	MIR4320	miRNA	chr18	50126499	50126563	-	0	0
ENSG00000103931	CTD-3092A	unprocessed	chr15	30507377	30513698	+	0.15	0.32
ENSG00000103932	MIR6511B	miRNA	chr16	15134075	15134145	-	0	0
ENSG00000103933	RP11-569D	antisense	chr13	1.14E+08	1.14E+08	-	0	0
ENSG00000103934	RP4-710L4	transcribed	chrX	64405473	64406136	+	0	0
ENSG00000103935	MIR3910-2	miRNA	chr9	91636264	91636345	-	0	0
ENSG00000103936	XXbac-BPG	lincRNA	chr6	57919912	57961382	-	1.71	1.3
ENSG00000103937	RP5-964H1	unprocessed	chr1	1.08E+08	1.09E+08	-	0	0
ENSG00000103938	RP11-739P	TEC	chr4	1.84E+08	1.84E+08	+	0	0
ENSG00000103939	RP3-491M	unprocessed	chr1	5554747	5554881	+	0	0
ENSG00000103940	MIR3977	miRNA	chr5	82840155	82840224	+	0	0
ENSG00000103941	RP11-122G	lincRNA	chr1	1.61E+08	1.61E+08	-	0	0
ENSG00000103942	RP11-569D	protein_coding	chr13	1.14E+08	1.14E+08	+	0	0
ENSG00000103943	MIR451B	miRNA	chr17	28861371	28861438	+	0	0
ENSG00000103944	RP11-305A	unitary_prime	chr16	49954985	49968730	-	0	0
ENSG00000103945	AC000095	transcribed	chr22	18998274	19014786	+	0	0
ENSG00000103946	Clostridiales	sRNA	chr3	91356755	91356914	+	0	0
ENSG00000103947	U6	snRNA	chr1	2.48E+08	2.48E+08	-	0	0
ENSG00000103948	ABC8-4301	unprocessed	chr13	86266842	86266926	-	0	0
ENSG00000103949	U6	snRNA	chr15	98026042	98026139	+	0	0
ENSG00000103950	TXNRD3NB	protein_coding	chr3	1.27E+08	1.27E+08	-	0	0
ENSG00000103951	RP11-613D	antisense	chr11	43855913	43856404	-	0	0
ENSG00000103952	RP11-118B	unitary_prime	chr17	68691809	68716064	-	0	0
ENSG00000103953	RP11-193H	processed	chr1	2.38E+08	2.38E+08	-	0	0
ENSG00000103954	CH17-296N	protein_coding	chr9	61330717	61453030	+	5.31	3.99
ENSG00000103955	MIR3688-2	miRNA	chr4	1.59E+08	1.59E+08	+	0	0
ENSG00000103956	RP11-274G	processed	chrX	20769718	21374265	-	0	0.03
ENSG00000103957	RP11-118G	unprocessed	chr17	33692229	33692484	+	0	0
ENSG00000103958	RP11-499F	lincRNA	chr4	1.84E+08	1.84E+08	-	0	0
ENSG00000103959	RP11-1531	protein_coding	chr13	1.08E+08	1.08E+08	+	0.46	0.38
ENSG00000103960	MIR4524A	miRNA	chr17	69099564	69099632	-	0	0
ENSG00000103961	MIR4659B	miRNA	chr8	6745168	6745240	-	0	0
ENSG00000103962	Metazoa_S	misc_RNA	chr12	1.22E+08	1.22E+08	-	0	0
ENSG00000103963	RP11-134F	processed	chr3	1.87E+08	1.87E+08	+	0	0
ENSG00000103964	RP11-588H	lincRNA	chr3	14602035	14641443	+	0	0
ENSG00000103965	RP11-4721	processed	chr11	43718676	43719143	+	0	0

ENSG00000103921	MIR7515	miRNA	chr2	6650373	6650439	+	0	0
ENSG00000103922	CTD-2192D	processed_lincRNA	chr7	76960571	76978658	+	0	0
ENSG00000103923	AC004381	unprocessed_lincRNA	chr16	20711473	20732990	+	0	0
ENSG00000103924	RP11-203E	lincRNA	chrX	20443326	20492349	+	0	0
ENSG00000103925	RP11-294C	unprocessed_lincRNA	chr15	21614118	21615038	+	0	0
ENSG00000103926	RP11-108A	unprocessed_lincRNA	chr8	18849258	18849707	+	0	0
ENSG00000103927	AC005307	processed_lincRNA	chr19	28435388	28727680	-	0	0.04
ENSG00000103928	RP5-872K7	lincRNA	chr20	21089696	21090509	+	0	0
ENSG00000103929	DGCR5	processed_lincRNA	chr22	18970525	19031242	+	0	0
ENSG00000103930	RP1-242N1	lincRNA	chr6	18522739	18674001	+	0	0
ENSG00000103931	MIR3662	miRNA	chr6	1.35E+08	1.35E+08	-	0	0
ENSG00000103932	RP11-48C7	processed_lincRNA	chr9	1.38E+08	1.38E+08	+	0	0
ENSG00000103933	U6	snRNA	chr11	87648489	87648549	-	0	0
ENSG00000103934	CTB-76P12	lincRNA	chr5	1.59E+08	1.6E+08	-	0	0
ENSG00000103935	U6	snRNA	chr1	43716467	43716556	+	0	0
ENSG00000103936	RP11-413N	lincRNA	chr11	6821942	6926877	-	0.08	0
ENSG00000103937	MIR1910	miRNA	chr16	85741621	85741700	-	0	0
ENSG00000103938	RP11-118G	lincRNA	chr17	33791838	33816761	-	0	0
ENSG00000103939	U6	snRNA	chr3	1.39E+08	1.39E+08	+	0	0
ENSG00000103940	MIR6874	miRNA	chr7	5711840	5711910	-	0	0
ENSG00000103941	MIR4278	miRNA	chr5	6827853	6827921	-	0	0
ENSG00000103942	AF001550	unitary_processed_lincRNA	chr16	21299903	21300506	+	0	0
ENSG00000103943	RP11-256L	lincRNA	chr12	96160692	96172126	-	0.04	0
ENSG00000103944	RP11-26L2	lincRNA	chr16	55321575	55322686	-	0	0
ENSG00000103945	RP11-141C	unitary_processed_lincRNA	chr3	1.96E+08	1.96E+08	+	0	0
ENSG00000103946	RP4-614C1	unprocessed_lincRNA	chr2	89533185	89547106	+	0	0
ENSG00000103947	RP11-811C	protein_coding	chr2	2.25E+08	2.25E+08	-	0	0
ENSG00000103948	MIR1244-3	miRNA	chr12	9239467	9239551	-	0	0
ENSG00000103949	RP11-1217	unprocessed_lincRNA	chr7	57163168	57166024	-	0	0
ENSG00000103950	U6	snRNA	chr4	1.35E+08	1.35E+08	-	0	0
ENSG00000103951	5S_rRNA	rRNA	chr20	29874059	29874177	+	0	0
ENSG00000103952	RP11-249L	protein_coding	chr3	88338413	88467562	+	0	0
ENSG00000103953	MIR1321	miRNA	chrX	85835780	85835858	+	0	0
ENSG00000103954	LINC01958	lincRNA	chr2	1.57E+08	1.57E+08	+	0	0
ENSG00000103955	Metazoa_S	misc_RNA	chr22	23132730	23133005	-	0	0
ENSG00000103956	RP11-104H	protein_coding	chr17	7428903	7432762	+	0	0
ENSG00000103957	RP11-445H	lincRNA	chr20	44656451	44663498	-	0.11	0
ENSG00000103958	MIR499B	miRNA	chr20	34990400	34990472	-	0	0
ENSG00000103959	U4	snRNA	chr1	1.56E+08	1.56E+08	+	0	0
ENSG00000103960	RP11-462H	unprocessed_lincRNA	chr20	30545601	30551470	+	0	0
ENSG00000103961	RP11-605P	unitary_processed_lincRNA	chr7	37796058	37796888	+	0	0
ENSG00000103962	RP11-63G1	lincRNA	chr1	58715609	58771295	+	0.5	0.36
ENSG00000103963	RP3-388N1	unprocessed_lincRNA	chrX	85143427	85156444	+	0	0
ENSG00000103964	MIR486-2	miRNA	chr8	41660444	41660507	+	0	0
ENSG00000103965	RP11-98F1	unprocessed_lincRNA	chr2	2.3E+08	2.3E+08	+	0	0

ENSG00000108160	Clostridiale sRNA	chr18	75086368	75086514	+	0	0
ENSG00000108161	RP3-401D2 unprocessed	chr6	60281444	60544955	+	0	0
ENSG00000108162	MIR523	miRNA chr19	53698385	53698471	+	0	0
ENSG00000108163	MTND1P37 processed	chr10	19747172	19747435	-	0	0
ENSG00000108164	RP11-53L2 lincRNA	chr16	73794079	73809733	+	0	0
ENSG00000108165	RP11-1I2.1 lincRNA	chr18	39314240	39328008	+	0	0
ENSG00000108166	RP11-411G lincRNA	chr12	1.15E+08	1.15E+08	-	0	0
ENSG00000108167	hsa-mir-55	miRNA chr7	32732981	32733077	-	0	0
ENSG00000108168	CTC-445B2 processed	chr5	1.04E+08	1.04E+08	-	0.01	0.03
ENSG00000108169	XX-FW810 protein_coding	chrX	1.5E+08	1.5E+08	+	0	0
ENSG00000108170	CH17-268I1 IG_V_pseudogene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG00000108171	MIR4454	miRNA chr4	1.63E+08	1.63E+08	-	0	0
ENSG00000108172	MIR3130-1	miRNA chr2	2.07E+08	2.07E+08	-	0	0
ENSG00000108173	MIR6863	miRNA chr16	56904264	56904353	+	0	0
ENSG00000108174	RP11-509I2 protein_coding	chr3	46612435	46626543	+	0	0
ENSG00000108175	MIR6828	miRNA chr3	1.7E+08	1.7E+08	+	0	0
ENSG00000108176	MIR1244-4	miRNA chr12	12111952	12112036	+	0	0
ENSG00000108177	MIR1279	miRNA chr12	69273157	69273218	-	0	0
ENSG00000108178	MIR6079	miRNA chr1	43838622	43838683	+	0	0
ENSG00000108179	LLpac-136A transcribed	chr19	35407770	35408493	+	0	0
ENSG00000108180	RP11-204E antisense	chr6	21528739	21595593	-	0	0
ENSG00000108181	MTND4LP3 unprocessed	chr7	57169143	57169412	+	0	0
ENSG00000108182	RP11-472I2 processed	chr11	43733761	43734564	+	0	0
ENSG00000108183	MIR3529	miRNA chr15	88611847	88611924	-	0	0
ENSG00000108184	RP11-392E protein_coding	chr9	38540569	38577207	-	0.03	0.12
ENSG00000108185	MIR4501	miRNA chr13	96427229	96427292	+	0	0
ENSG00000108186	U6	snRNA chr11	1.33E+08	1.33E+08	+	0	0
ENSG00000108187	MIR518C	miRNA chr19	53708735	53708835	+	0	0
ENSG00000108188	RP11-562I5 unprocessed	chr2	2.31E+08	2.32E+08	-	0	0
ENSG00000108189	MIR7153	miRNA chr18	11654885	11654941	-	0	0
ENSG00000108190	MIR6086	miRNA chrX	13590292	13590346	+	0	0
ENSG00000108191	ZNF511-PR protein_coding	chr10	1.33E+08	1.33E+08	+	0	0
ENSG00000108192	MIR3160-2	miRNA chr11	46451807	46451887	+	0	0
ENSG00000108193	MIR1244-2	miRNA chr5	1.19E+08	1.19E+08	+	0	0
ENSG00000108194	U6	snRNA chr4	48109353	48109410	-	0	0
ENSG00000108195	U6	snRNA chr2	47781379	47781465	+	0	0
ENSG00000108196	LINC01902 lincRNA	chr18	39841809	39896298	+	0.02	0.02
ENSG00000108197	RP5-958B1 lincRNA	chr7	1.48E+08	1.49E+08	-	0	0
ENSG00000108198	MIR5681B	miRNA chr8	74548550	74548609	-	0	0
ENSG00000108199	MIR7157	miRNA chr2	1.41E+08	1.41E+08	-	0	0
ENSG00000108200	MIR1302-1	miRNA chr12	1.13E+08	1.13E+08	-	0	0
ENSG00000108201	U6	snRNA chr3	1.3E+08	1.3E+08	+	0	0
ENSG00000108202	RP11-456N transcribed	chr3	58180009	58187495	+	0	0.12
ENSG00000108203	CTD-2547E unprocessed	chr16	21315911	21339037	+	0	0
ENSG00000108204	MIR941-3	miRNA chr20	63919561	63919632	+	0	0

ENSG0000(MIR3975 miRNA chr18	35591737	35591806	+	0	0
ENSG0000(CTD-3138B protein_co chr19	58228914	58315183	+	1.21	1.55
ENSG0000(RP11-77H9 protein_co chr16	8881634	8885351	+	0.05	0
ENSG0000(RP11-465C lincRNA chr17	71829870	71871750	-	0	0
ENSG0000(RP11-53A1 lincRNA chr1	2.14E+08	2.14E+08	-	0	0
ENSG0000(U2 snRNA chr14	75270700	75270780	-	0	0
ENSG0000(MIR3150A miRNA chr8	95072914	95072993	+	0	0
ENSG0000(MIR3926-2 miRNA chr8	12727237	12727299	+	0	0
ENSG0000(RP11-69H1 unprocessε chr15	21971728	21972643	+	0	0
ENSG0000(LLNLR-271 transcribec chr19	43690002	43700508	+	0	0.12
ENSG0000(RP11-40A7 protein_co chr9	1.32E+08	1.32E+08	+	0	0
ENSG0000(U6 snRNA chr20	35769785	35769867	-	0	0
ENSG0000(RP11-298A protein_co chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP4-791K1 transcribec chr20	49318337	49441654	+	0	0
ENSG0000(MIR4317 miRNA chr18	6374361	6374425	-	0	0
ENSG0000(MIR374C miRNA chrX	74218549	74218618	+	0	0
ENSG0000(AC007064. unprocessε chr22	16844399	16846357	+	0	0
ENSG0000(RP11-624J protein_co chr12	53241889	53245134	+	0	0.22
ENSG0000(RP11-298A unprocessε chr7	1.44E+08	1.44E+08	-	0	0
ENSG0000(RP11-180P lincRNA chr17	62910690	62968549	-	0.05	0
ENSG0000(MIR520F miRNA chr19	53682159	53682245	+	0	0
ENSG0000(RP11-101E unprocessε chr9	61063752	61113954	-	0	0
ENSG0000(RP11-216P unitary_ps chr12	1.21E+08	1.21E+08	-	0	0
ENSG0000(ABBA0100 unprocessε chr3	91374236	91513775	-	0	0
ENSG0000(U6 snRNA chr12	45554590	45554659	-	0	0
ENSG0000(RP11-52E2 lincRNA chrX	21131496	21163726	+	0	0
ENSG0000(RP11-1217 unprocessε chr7	57167200	57167880	+	0	0
ENSG0000(RP11-505D processed_ chr7	7640752	8004053	+	0	0.33
ENSG0000(MIR2054 miRNA chr4	1.26E+08	1.26E+08	+	0	0
ENSG0000(SNORD98 snoRNA chr10	68755172	68755238	+	0	0
ENSG0000(RP11-413N lincRNA chr13	42339188	42485956	+	0	0
ENSG0000(U2 snRNA chr8	1.1E+08	1.1E+08	-	0	0
ENSG0000(MIR376B miRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(hsa-mir-31 miRNA chr10	1.02E+08	1.02E+08	-	0	0
ENSG0000(RP11-844P transcribec chr5	1.76E+08	1.76E+08	-	0	0
ENSG0000(MIR376A2 miRNA chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(IGHVIII-44 IG_V_pseu chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP11-9J18. protein_co chr3	28349178	29767537	+	0	0.05
ENSG0000(U6 snRNA chr16	72376704	72376760	+	0	0
ENSG0000(ABC13-476 unprocessε chr17	21773754	21783465	-	0	0
ENSG0000(CTD-2537I protein_co chr19	55463002	55464707	-	0	0
ENSG0000(5_8S_rRNA rRNA chr20	29297095	29297246	-	0	0
ENSG0000(MIR4773-2 miRNA chr2	1.51E+08	1.51E+08	-	0	0
ENSG0000(CH17-212P IG_pseudo chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(MIR4251 miRNA chr1	3127975	3128035	+	0	0

ENSG0000(RP11-344J) lincRNA	chr6	43803193	43842625	+	0	0
ENSG0000(RP11-206L) transcribed	chr1	720024	720206	-	0	0
ENSG0000(U6) snRNA	chr1	1.81E+08	1.81E+08	+	0	0
ENSG0000(CTD-2336C) processed	chr8	1726273	1726557	+	0	0
ENSG0000(MTND5P42) processed	chr10	89786610	89787107	+	0	0
ENSG0000(RP11-545M) lincRNA	chr13	26965967	26991996	-	0	0
ENSG0000(RP5-994D1) protein_coding	chr1	42767292	42794493	+	0.78	0.56
ENSG0000(RP11-49G2) unitary_pseudogene	chr12	22116629	22134851	-	0	0
ENSG0000(AC007326) unprocessed	chr22	18980695	18981325	-	0	0
ENSG0000(snoMe28S) snoRNA	chr16	7431217	7431296	+	0	0
ENSG0000(CTB-133P2) lincRNA	chr7	1.07E+08	1.07E+08	+	0	0
ENSG0000(GKN3P) polymorphic	chr2	68921248	68926834	+	0	0
ENSG0000(RP11-986G) processed	chr12	2726400	2727050	-	0	0
ENSG0000(MIR376A1) miRNA	chr14	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR4430) miRNA	chr2	33418516	33418564	+	0	0
ENSG0000(Y_RNA) misc_RNA	chr20	29575060	29575171	+	0	0
ENSG0000(FAM236C) protein_coding	chrX	72912615	72913401	+	0	0
ENSG0000(FAM169B) protein_coding	chr15	98437162	98547728	-	0	0
ENSG0000(MIR1295B) miRNA	chr1	1.71E+08	1.71E+08	+	0	0
ENSG0000(RP11-402P) protein_coding	chrX	71667542	71671524	+	0	0
ENSG0000(RP11-448N) unprocessed	chr11	60577856	60608418	+	0	0
ENSG0000(AC011380) transcribed	chr5	1.41E+08	1.41E+08	-	0	0
ENSG0000(MIR4302) miRNA	chr12	25874020	25874079	-	0	0
ENSG0000(MIR338) miRNA	chr17	81125883	81125949	-	0	0
ENSG0000(OR4C48P) unprocessed	chr11	50018798	50019695	+	0	0
ENSG0000(IGHVII-31) IG_V_pseudogene	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(RP1-111D6) lincRNA	chr6	1.49E+08	1.49E+08	+	0	0
ENSG0000(MIR4662A) miRNA	chr8	1.25E+08	1.25E+08	+	0	0
ENSG0000(RP11-84A1) unitary_pseudogene	chr1	9951231	9960832	-	0	0
ENSG0000(MIR103B1) miRNA	chr5	1.69E+08	1.69E+08	+	0	0
ENSG0000(RP11-61D1) unitary_pseudogene	chr18	54412763	54424632	+	0	0
ENSG0000(MIR7973-2) miRNA	chr15	51314032	51314107	-	0	0
ENSG0000(MIR924) miRNA	chr18	39622123	39622175	-	0	0
ENSG0000(MIR5683) miRNA	chr6	6169334	6169409	+	0	0
ENSG0000(Clostridiales) sRNA	chr7	30115845	30115994	-	0	0
ENSG0000(MIR6759) miRNA	chr12	57748618	57748682	-	0	0
ENSG0000(MIR4328) miRNA	chrX	78901194	78901249	-	0	0
ENSG0000(RP11-433C) unprocessed	chr3	1.84E+08	1.85E+08	-	0	0
ENSG0000(RP11-1217) unprocessed	chr7	57190461	57191138	+	0	0
ENSG0000(RP11-151G) lincRNA	chr14	89013386	89025807	+	0	0
ENSG0000(RP11-361H) antisense	chr14	76131707	76152627	-	0	0
ENSG0000(RP11-1037) lincRNA	chrX	20311838	20317783	-	0	0
ENSG0000(EXOC3L2) protein_coding	chr19	45212621	45245431	-	0.05	0
ENSG0000(AC005301) lincRNA	chr22	16601911	16615111	+	1	0.61
ENSG0000(MIR3155B) miRNA	chr10	6152207	6152262	-	0	0

ENSG0000(RP11-5O24 antisense)	chr2	2.38E+08	2.38E+08	+	0	0
ENSG0000(Metazoa_S misc_RNA)	chr2	63168600	63168847	+	0	0
ENSG0000(hsa-mir-47 miRNA)	chr2	2.13E+08	2.13E+08	-	0	0
ENSG0000(AC002407. processed_)	chrX	1.34E+08	1.34E+08	-	0	0
ENSG0000(MIR9500 miRNA)	chr2	2.19E+08	2.19E+08	+	0	0
ENSG0000(RP13-210D protein_co)	chrX	1.35E+08	1.35E+08	+	0	0
ENSG0000(MIR5583-2 miRNA)	chr18	39676719	39676777	-	0	0
ENSG0000(LINC02009 lincRNA)	chr3	46416524	46423591	-	0	0.04
ENSG0000(RP11-265B antisense)	chr9	14790635	14791158	+	0	0
ENSG0000(RP5-958B1 lincRNA)	chr7	1.49E+08	1.49E+08	-	0	0
ENSG0000(RP11-373N unitary_ps)	chr5	1.48E+08	1.48E+08	+	0	0
ENSG0000(RP11-244E protein_co)	chr14	23099065	23104992	-	0.08	0.07
ENSG0000(MIR4483 miRNA)	chr10	1.14E+08	1.14E+08	-	0	0
ENSG0000(RP11-646I unprocessε)	chr2	1.66E+08	1.66E+08	+	0	0
ENSG0000(RP4-614C1 unprocessε)	chr2	89666033	89683204	+	0	0
ENSG0000(RP11-57A1 lincRNA)	chr16	28258686	28292173	+	0.53	0.43
ENSG0000(CTB-60B18 protein_co)	chr19	49055793	49065076	-	0	0.04
ENSG0000(MIR4679-1 miRNA)	chr10	89063336	89063410	+	0	0
ENSG0000(MIR3974 miRNA)	chr12	17673299	17673394	+	0	0
ENSG0000(U6 snRNA)	chr4	29510635	29510737	+	0	0
ENSG0000(RP11-793J antisense)	chr18	63966406	63970181	-	0.04	0
ENSG0000(RP11-231E unitary_ps)	chr3	1.12E+08	1.12E+08	+	0	0
ENSG0000(MIR4678 miRNA)	chr10	87503881	87503954	+	0	0
ENSG0000(MIR4531 miRNA)	chr19	44653686	44653732	-	0	0
ENSG0000(RP11-419I lincRNA)	chr8	12537079	12665588	-	0.22	0.15
ENSG0000(snoMe28S. snoRNA)	chr17	19420279	19420342	+	0	0
ENSG0000(MIR5087 miRNA)	chr1	1.48E+08	1.48E+08	-	0	0
ENSG0000(MIR3913-2 miRNA)	chr12	69584723	69584822	+	0	0
ENSG0000(MIR6830 miRNA)	chr5	1.32E+08	1.32E+08	-	0	0
ENSG0000(RP11-1137 processed_)	chr19	7011884	7012679	+	0	0
ENSG0000(RP11-294C unprocessε)	chr15	21595580	21596510	-	0	0
ENSG0000(MIR548AH miRNA)	chr4	76575551	76575626	+	0	0
ENSG0000(RP3-454G6 protein_co)	chr1	1.72E+08	1.72E+08	+	0.29	0.62
ENSG0000(AC013271. processed_)	chr2	1.1E+08	1.1E+08	+	0.08	0.13
ENSG0000(MIR522 miRNA)	chr19	53751211	53751297	+	0	0
ENSG0000(RP11-706C unprocessε)	chr8	1.43E+08	1.43E+08	-	0	0
ENSG0000(MIR6715B miRNA)	chr10	1.12E+08	1.12E+08	-	0	0
ENSG0000(RP11-434E antisense)	chr16	54285604	54289568	+	0.17	0.56
ENSG0000(MIR3116-2 miRNA)	chr1	62078789	62078856	-	0	0
ENSG0000(Y_RNA misc_RNA)	chr11	1.19E+08	1.19E+08	+	0	0
ENSG0000(RP11-158N lincRNA)	chrX	1.38E+08	1.38E+08	+	0	0
ENSG0000(MIR3202-2 miRNA)	chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(CTD-2331H unprocessε)	chr19	52865369	52865429	-	0	0
ENSG0000(RP11-122G lincRNA)	chr1	1.61E+08	1.61E+08	+	0.31	0.34
ENSG0000(RP5-937E2 protein_co)	chrX	1.5E+08	1.5E+08	-	0	0

ENSG00000181200	RP11-606N	transcribed	chr2	1.12E+08	1.12E+08	-	0.07	0
ENSG00000181201	MIR4481	miRNA	chr10	12653138	12653197	-	0	0
ENSG00000181202	MIR555	miRNA	chr1	1.55E+08	1.55E+08	-	0	0
ENSG00000181203	RP11-680F	protein_coding	chr11	1.26E+08	1.26E+08	+	0	0
ENSG00000181204	MIR3656	miRNA	chr11	1.19E+08	1.19E+08	+	0	0
ENSG00000181205	MIR92A1	miRNA	chr13	91351314	91351391	+	0	0
ENSG00000181206	PRSS50	protein_coding	chr3	46712115	46717907	-	0	0
ENSG00000181207	LINC00202	transcribed	chr10	26931206	26944418	-	0.17	0.24
ENSG00000181208	MIR1204	miRNA	chr8	1.28E+08	1.28E+08	+	0	0
ENSG00000181209	MIR6727	miRNA	chr1	1312502	1312566	-	0	0
ENSG00000181210	MIR6831	miRNA	chr5	1.41E+08	1.41E+08	-	0	0
ENSG00000181211	MIR6884	miRNA	chr17	40026332	40026409	-	0	0
ENSG00000181212	MIR6732	miRNA	chr1	37480230	37480289	+	0	0
ENSG00000181213	MIR5193	miRNA	chr3	49806137	49806245	-	0	0
ENSG00000181214	MIR7108	miRNA	chr19	2434914	2435000	-	0	0
ENSG00000181215	MIR146A	miRNA	chr5	1.6E+08	1.6E+08	+	0	0
ENSG00000181216	MIR4785	miRNA	chr2	1.6E+08	1.6E+08	-	0	0
ENSG00000181217	MIR484	miRNA	chr16	15643294	15643372	+	0	0
ENSG00000181218	RP5-1044C	TEC	chrX	42285130	42285925	+	15.66	15.32
ENSG00000181219	RP11-432N	protein_coding	chr5	17604177	17605377	+	0	0
ENSG00000181220	RP1-230G1	processed_transcript	chrX	47605233	47623509	-	0	0
ENSG00000181221	MIR6755	miRNA	chr11	86278333	86278398	+	0	0
ENSG00000181222	MIR196B	miRNA	chr7	27169480	27169563	-	0	0
ENSG00000181223	MIR4781	miRNA	chr1	54054079	54054154	+	0	0
ENSG00000181224	MIR452	miRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000181225	CH17-195P	unprocessed_transcript	chr1	1.45E+08	1.45E+08	+	0	0
ENSG00000181226	CPHXL	protein_coding	chr16	75714224	75726442	-	0	0
ENSG00000181227	RP5-981L2	processed_transcript	chr20	46455033	46496731	-	0.03	0
ENSG00000181228	LLNLR-275I	protein_coding	chr19	35586260	35587296	+	0	0
ENSG00000181229	MIR614	miRNA	chr12	12915829	12915918	+	0	0
ENSG00000181230	RP4-714D9	protein_coding	chr1	99970011	1E+08	+	6.09	5.37
ENSG00000181231	MIR20A	miRNA	chr13	91351065	91351135	+	0	0
ENSG00000181232	MIR6850	miRNA	chr8	1.45E+08	1.45E+08	-	0	0
ENSG00000181233	RP11-449K	protein_coding	chr3	1.84E+08	1.84E+08	-	0	0
ENSG00000181234	AC141930	lincRNA	chr2	1552445	1554701	+	0	0
ENSG00000181235	MIR1178	miRNA	chr12	1.2E+08	1.2E+08	-	0	0
ENSG00000181236	WI2-1959D	antisense	chr9	1.36E+08	1.36E+08	+	0	0
ENSG00000181237	MIR6849	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000181238	MIR6778	miRNA	chr17	18340814	18340886	-	0	0
ENSG00000181239	RP5-1182A	transcribed	chr1	16642767	16643109	-	0.81	5.46
ENSG00000181240	MIR632	miRNA	chr17	32350109	32350202	+	0	0
ENSG00000181241	MIR4329	miRNA	chrX	1.13E+08	1.13E+08	-	0	0
ENSG00000181242	RP11-432N	protein_coding	chr5	17632088	17632684	+	0	0
ENSG00000181243	AC116366	protein_coding	chr5	1.32E+08	1.33E+08	+	0.63	0.54
ENSG00000181244	MIR622	miRNA	chr13	90231182	90231277	+	0	0

ENSG0000(MIR15A	miRNA	chr13	50049119	50049201	-	0	0
ENSG0000(PRR33	protein_co	chr11	1888577	1891895	-	0	0
ENSG0000(MIR936	miRNA	chr10	1.04E+08	1.04E+08	-	0	0
ENSG0000(MIR7846	miRNA	chr1	12166943	12167038	+	0	0
ENSG0000(MIR612	miRNA	chr11	65444458	65444557	+	0	0
ENSG0000(MIR4453	miRNA	chr4	1.53E+08	1.53E+08	+	0	0
ENSG0000(MIR6861	miRNA	chr12	1.12E+08	1.12E+08	-	0	0
ENSG0000(MIR4426	miRNA	chr1	1.93E+08	1.93E+08	+	0	0
ENSG0000(MIR6510	miRNA	chr17	41517164	41517217	-	0	0
ENSG0000(MIR29B1	miRNA	chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000(MIR630	miRNA	chr15	72587217	72587313	+	0	0
ENSG0000(MIR1182	miRNA	chr1	2.31E+08	2.31E+08	-	0	45.3
ENSG0000(MIR1302-1	miRNA	chr19	71973	72110	+	0	0
ENSG0000(MIR3198-2	miRNA	chr12	54231397	54231476	-	0	0
ENSG0000(MIR636	miRNA	chr17	76736450	76736548	-	0	0
ENSG0000(AC007326.	protein_co	chr22	18906238	18947732	+	0	0
ENSG0000(MIR4485	miRNA	chr11	10508270	10508326	-	0	0
ENSG0000(MIR18A	miRNA	chr13	91350751	91350821	+	0	0
ENSG0000(MIR7844	miRNA	chr12	94571231	94571352	-	0	0
ENSG0000(MIR144	miRNA	chr17	28861533	28861618	-	0	0
ENSG0000(MIR6875	miRNA	chr7	1.01E+08	1.01E+08	+	0	0
ENSG0000(MIR639	miRNA	chr19	14529543	14529640	+	0	0
ENSG0000(MIR22	miRNA	chr17	1713903	1713987	-	0	0
ENSG0000(RP11-98F1.	antisense	chr13	1.13E+08	1.13E+08	-	0.49	0.38
ENSG0000(MIR378I	miRNA	chr22	41923222	41923297	-	0	0
ENSG0000(MIR6734	miRNA	chr1	43364648	43364715	-	0	0
ENSG0000(RP11-363K	antisense	chr2	1.85E+08	1.85E+08	-	0	0.02
ENSG0000(MIR6764	miRNA	chr14	1E+08	1E+08	+	0	0
ENSG0000(MIR4751	miRNA	chr19	49933064	49933137	+	0	0
ENSG0000(MIR214	miRNA	chr1	1.72E+08	1.72E+08	-	0	16.31
ENSG0000(MIR4721	miRNA	chr16	28843919	28844007	-	0	0
ENSG0000(MIR6872	miRNA	chr3	50273236	50273297	+	0	0
ENSG0000(RP11-331G	antisense	chr3	39152906	39154723	+	0	0
ENSG0000(MIR4738	miRNA	chr17	75784521	75784607	-	0	0
ENSG0000(MIR7703	miRNA	chr14	24143489	24143565	-	0	0
ENSG0000(MIR1247	miRNA	chr14	1.02E+08	1.02E+08	-	0	0
ENSG0000(MIR3674	miRNA	chr8	1801125	1801192	+	0	0
ENSG0000(MIR3960	miRNA	chr9	1.28E+08	1.28E+08	+	0	0
ENSG0000(RP11-109E	unprocessε	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000(RP11-680F	antisense	chr11	1.26E+08	1.26E+08	+	0	0
ENSG0000(MIR1307	miRNA	chr10	1.03E+08	1.03E+08	-	0	0
ENSG0000(MIR130B	miRNA	chr22	21653304	21653385	+	0	0
ENSG0000(SSU72P4	protein_co	chr11	4287499	4288083	-	0	0
ENSG0000(MIR3911	miRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG0000(MIR4260	miRNA	chr1	2.1E+08	2.1E+08	-	0	0

ENSG0000(AC104304. protein_co	chr3	46581150	46617226	+	0	0
ENSG0000(RP13-929K unprocessε	chr17	22519195	22519504	-	0	0
ENSG0000(MIR7704 miRNA	chr2	1.76E+08	1.76E+08	+	0	0
ENSG0000(MIR3916 miRNA	chr1	2.47E+08	2.47E+08	-	0	0
ENSG0000(MIR3714 miRNA	chr3	16933196	16933260	+	0	0
ENSG0000(RP11-204M processed_	chr9	39816599	39874562	-	0	0
ENSG0000(MIR1469 miRNA	chr15	96333261	96333307	+	0	0
ENSG0000(MIR628 miRNA	chr15	55372940	55373034	-	0	0
ENSG0000(MIR1324 miRNA	chr3	75630763	75630858	+	0	0
ENSG0000(CTB-88F18 lincRNA	chr5	1.27E+08	1.27E+08	-	0.04	0.17
ENSG0000(MIR761 miRNA	chr1	51836344	51836402	-	0	0
ENSG0000(RP1-5O6.7 protein_co	chr22	38291918	38398522	-	0.77	1.01
ENSG0000(MIR155 miRNA	chr21	25573980	25574044	+	0	0
ENSG0000(IGHV4-80 IG_V_pseu	chr14	1.07E+08	1.07E+08	-	0	0
ENSG0000(LLNLF-96A: antisense	chr19	35557956	35581954	+	64.44	72.24
ENSG0000(RP11-479C processed_	chr10	79904898	79951029	+	0	0.03
ENSG0000(RP11-219G lincRNA	chr17	78248193	78251440	+	0	0
ENSG0000(MIR6743 miRNA	chr11	209336	209406	+	0	0
ENSG0000(MIR1302-9 miRNA	chr9	30144	30281	+	0	0
ENSG0000(MIR6132 miRNA	chr7	1.17E+08	1.17E+08	+	0	0
ENSG0000(MIR192 miRNA	chr11	64891137	64891246	-	0	0
ENSG0000(MIR133A1 miRNA	chr18	21825698	21825785	-	0	0
ENSG0000(MIR637 miRNA	chr19	3961414	3961512	-	0	0
ENSG0000(MIR5010 miRNA	chr17	42514188	42514307	+	0	0
ENSG0000(RP11-508N protein_co	chr10	38094368	38360098	+	0.56	0.43
ENSG0000(MIR18B miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG0000(RP4-788L2: protein_co	chr20	22560553	22584261	-	0	0
ENSG0000(MIR6878 miRNA	chr1	1.5E+08	1.5E+08	+	0	0
ENSG0000(MIR423 miRNA	chr17	30117079	30117172	+	0	0
ENSG0000(MIR3658 miRNA	chr1	1.66E+08	1.66E+08	+	0	0
ENSG0000(MIR3917 miRNA	chr1	25906362	25906454	-	0	0
ENSG0000(RP11-803A unprocessε	chr2	1.3E+08	1.3E+08	+	0	0
ENSG0000(MIR600 miRNA	chr9	1.23E+08	1.23E+08	-	0	0
ENSG0000(MIR4709 miRNA	chr14	74480133	74480204	-	0	0
ENSG0000(LINC00032 transcribec	chr9	27245680	27284869	-	0	0
ENSG0000(IGHVIII-16- IG_V_pseu	chr14	1.06E+08	1.06E+08	-	0	0
ENSG0000(MIR6791 miRNA	chr19	6736712	6736778	-	0	0
ENSG0000(RP11-543B protein_co	chr1	2.11E+08	2.11E+08	-	0	0
ENSG0000(MIR3610 miRNA	chr8	1.17E+08	1.17E+08	-	0	0
ENSG0000(MIR1248 miRNA	chr3	1.87E+08	1.87E+08	+	0	0
ENSG0000(KB-1042C1 bidirection	chr8	1.03E+08	1.03E+08	+	0.08	0.2
ENSG0000(RP11-432M protein_co	chr5	17590364	17590960	-	0	0
ENSG0000(MIR6838 miRNA	chr7	44073378	44073433	-	0	0
ENSG0000(MIR4442 miRNA	chr3	25664873	25664939	-	0	0
ENSG0000(KB-1592A4 transcribec	chr22	21193360	21203755	-	0	0

ENSG000001848E1	lincRNA	chr1	42959065	42961864	-	0	0
ENSG00000120101	protein_coding	chr11	6481485	6508978	+	0	0.95
ENSG000001365B	miRNA	chr17	31575411	31575521	+	0	0
ENSG00000126591	protein_coding	chr19	12687998	12688422	+	0	0
ENSG00000114951	lincRNA	chr9	23500691	23672387	-	0	0
ENSG000001432M	protein_coding	chr5	17593798	17594394	-	0	0
ENSG000001777A3	miRNA	chr22	46112749	46112822	+	0	0
ENSG00000142B7	antisense	chr7	4130181	4134837	-	0	0
ENSG00000119X1	protein_coding	chr8	1.43E+08	1.43E+08	-	0	0
ENSG000001079584	sense_intronic	chr2	1.44E+08	1.44E+08	+	0	0
ENSG000001492	miRNA	chr12	94834398	94834513	+	0	0
ENSG000001470L	processed_transcript	chr1	1.1E+08	1.1E+08	+	0	0
ENSG0000014458	miRNA	chr5	8460925	8460999	+	0	0
ENSG000001109E	unprocessed_transcript	chr2	1.31E+08	1.31E+08	-	0	0
ENSG0000016084	miRNA	chr1	20633679	20633788	+	0	0
ENSG0000016511B	miRNA	chr16	2106669	2106753	-	0	0
ENSG000001675	miRNA	chr11	1996759	1996831	-	0	0
ENSG0000016502	miRNA	chr12	66251082	66251157	+	0	0
ENSG0000016840	miRNA	chr7	1E+08	1E+08	+	0	0
ENSG0000011281	miRNA	chr22	41092513	41092566	+	0	0
ENSG00000172P5	protein_coding	chr11	4233288	4233872	+	0	0
ENSG0000014697	miRNA	chr11	1.34E+08	1.34E+08	-	0	0
ENSG000001398C	protein_coding	chr10	14838166	14844727	+	2.77	2.07
ENSG000001497	miRNA	chr17	7017911	7018022	-	0	0
ENSG0000014468	miRNA	chr7	1.38E+08	1.38E+08	+	0	0
ENSG0000016805	miRNA	chr19	55388181	55388242	+	0	0
ENSG0000014761	miRNA	chr22	19963753	19963834	+	0	0
ENSG00000129A	miRNA	chr7	1.31E+08	1.31E+08	-	0	0
ENSG0000015196	miRNA	chr19	35345513	35345627	+	0	0
ENSG0000015187	miRNA	chr1	1.61E+08	1.61E+08	+	0	0
ENSG00000110A	miRNA	chr17	48579838	48579947	-	0	0
ENSG000001296	miRNA	chr20	58817615	58817694	-	0	0
ENSG000001511P	protein_coding	chr7	1.5E+08	1.5E+08	+	0.27	0.45
ENSG000001321E	protein_coding	chr5	17528669	17529265	+	0	0
ENSG00000120B	miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG0000016836	miRNA	chr7	2257515	2257577	-	0	0
ENSG000001511P	processed_transcript	chr7	1.5E+08	1.5E+08	+	5.92	5.04
ENSG000001650	miRNA	chr22	22822776	22822871	+	0	0
ENSG0000011284E	bidirectional_promoter	chr2	1.91E+08	1.91E+08	-	0.33	0.15
ENSG0000017112	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000014315-1	miRNA	chr17	45475363	45475435	-	0	0
ENSG000001606E	protein_coding	chr11	93741664	93812378	+	0.29	0.33
ENSG0000015572	miRNA	chr15	80581103	80581239	+	0	0
ENSG000001002472	transcribed_unit	chr22	21002895	21009453	-	0.01	0.22
ENSG0000014469	miRNA	chr8	42896197	42896275	-	0	0

ENSG00000108080	MIR6834	miRNA	chr6	33290245	33290325	+	0	0
ENSG00000108081	MIR6887	miRNA	chr19	35122700	35122764	+	0	0
ENSG00000108082	MIR6837	miRNA	chr7	44051766	44051829	+	0	0
ENSG00000108083	KB-1995A5	antisense	chr22	24645171	24651657	-	0.05	0
ENSG00000108084	RP11-533E	unprocessed	chrY	24196518	24206132	-	0	0
ENSG00000108085	MIR4758	miRNA	chr20	62332487	62332557	-	0	0
ENSG00000108086	hsa-mir-36	miRNA	chr5	86620497	86620575	+	0	0
ENSG00000108087	MIR4775	miRNA	chr2	2.08E+08	2.08E+08	+	0	0
ENSG00000108088	MIR1199	miRNA	chr19	14073361	14073479	+	0	0
ENSG00000108089	MIR7109	miRNA	chr22	31621467	31621531	-	0	0
ENSG00000108090	AOX3P-AO	processed	chr2	2.01E+08	2.01E+08	+	0	0
ENSG00000108091	MIR4732	miRNA	chr17	28861655	28861730	-	0	0
ENSG00000108092	MIR6844	miRNA	chr8	1.25E+08	1.25E+08	-	0	0
ENSG00000108093	MIR5703	miRNA	chr2	2.27E+08	2.27E+08	+	0	0
ENSG00000108094	MIR6073	miRNA	chr11	15969533	15969621	-	0	0
ENSG00000108095	RP11-39E3	TEC	chr3	1.31E+08	1.31E+08	-	0.67	0.93
ENSG00000108096	RP11-1217	unprocessed	chr7	57190300	57190460	+	0	0
ENSG00000108097	MIR19B2	miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG00000108098	MIR611	miRNA	chr11	61792495	61792561	-	0	0
ENSG00000108099	MIR195	miRNA	chr17	7017615	7017701	-	0	0
ENSG00000108100	MIR6800	miRNA	chr19	49832018	49832099	+	0	0
ENSG00000108101	RP11-204M	processed	chr9	39983793	40106611	-	3.2	2.56
ENSG00000108102	MIR6883	miRNA	chr17	8144994	8145071	-	0	0
ENSG00000108103	MIR4707	miRNA	chr14	22956950	22957029	-	0	0
ENSG00000108104	MIR198	miRNA	chr3	1.2E+08	1.2E+08	-	0	0
ENSG00000108105	MIR6717	miRNA	chr14	21023314	21023386	-	0	0
ENSG00000108106	MIR1825	miRNA	chr20	32237795	32237847	+	0	0
ENSG00000108107	BCRP3	transcribed	chr22	24644791	24653356	+	0.35	0.28
ENSG00000108108	MIR6789	miRNA	chr19	2235829	2235926	-	0	0
ENSG00000108109	AC002472	transcribed	chr22	21011384	21014217	-	0	0.12
ENSG00000108110	MIR568	miRNA	chr3	1.14E+08	1.14E+08	-	0	0
ENSG00000108111	MIR3654	miRNA	chr7	1.33E+08	1.33E+08	-	0	0
ENSG00000108112	RP5-848E1	processed	chr1	42952202	42952641	-	0	0
ENSG00000108113	MIR1234	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000108114	MIR3618	miRNA	chr22	20085746	20085833	+	0	0
ENSG00000108115	MIR6845	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000108116	MIR4700	miRNA	chr12	1.21E+08	1.21E+08	+	0	0
ENSG00000108117	MIR6866	miRNA	chr17	40161933	40162001	+	0	0
ENSG00000108118	MIR922	miRNA	chr3	1.98E+08	1.98E+08	-	0	0
ENSG00000108119	MIR3150B	miRNA	chr8	95072911	95072996	-	0	0
ENSG00000108120	MIR6756	miRNA	chr11	1.19E+08	1.19E+08	-	0	0
ENSG00000108121	MIR4784	miRNA	chr2	1.31E+08	1.31E+08	-	0	0
ENSG00000108122	MIR6758	miRNA	chr12	57512688	57512750	+	0	0
ENSG00000108123	MIR3605	miRNA	chr1	33332393	33332492	-	0	0
ENSG00000108124	MIR194-2	miRNA	chr11	64891355	64891439	-	0	0

ENSG00000106610	MIR106A	miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG00000106611	MIR6822	miRNA	chr3	39138206	39138266	+	0	0
ENSG00000106612	MIR3940	miRNA	chr19	6416410	6416511	-	0	0
ENSG00000106613	MIR7706	miRNA	chr15	85380596	85380662	+	0	0
ENSG00000106614	MIR4523	miRNA	chr17	29390662	29390730	+	0	0
ENSG00000106615	MIR3620	miRNA	chr1	2.28E+08	2.28E+08	+	0	0
ENSG00000106616	RP11-190J2.1	processed_transcript	chr2	1.43E+08	1.43E+08	-	0	0
ENSG00000106617	RP11-803A1.1	unprocessed_transcript	chr2	1.3E+08	1.3E+08	+	0	0
ENSG00000106618	MIR4315-2	miRNA	chr17	64822030	64822102	-	0	0
ENSG00000106619	MIR6513	miRNA	chr2	2.18E+08	2.18E+08	-	0	0
ENSG00000106620	MIR4763	miRNA	chr22	46113566	46113657	+	0	0
ENSG00000106621	MIR5090	miRNA	chr7	1.02E+08	1.02E+08	+	0	0
ENSG00000106622	MIR7-1	miRNA	chr9	83969748	83969857	-	0	0
ENSG00000106623	MIR3606	miRNA	chr2	1.89E+08	1.89E+08	+	0	0
ENSG00000106624	MIR143	miRNA	chr5	1.49E+08	1.49E+08	+	0	0
ENSG00000106625	MIR6506	miRNA	chr16	15611030	15611095	-	0	0
ENSG00000106626	MIR219A2	miRNA	chr9	1.28E+08	1.28E+08	-	0	0
ENSG00000106627	MIR3615	miRNA	chr17	74748613	74748699	+	0	0
ENSG00000106628	RP11-173A1.1	protein_coding	chr1	2.45E+08	2.45E+08	-	0	0
ENSG00000106629	MIR21	miRNA	chr17	59841266	59841337	+	0	0
ENSG00000106630	MIR671	miRNA	chr7	1.51E+08	1.51E+08	+	0	0
ENSG00000106631	MIR1257	miRNA	chr20	61953546	61953662	-	0	0
ENSG00000106632	SCO2	protein_coding	chr22	50523568	50526439	-	1.59	1.57
ENSG00000106633	MIR6852	miRNA	chr9	35710676	35710741	-	0	0
ENSG00000106634	RP11-470N1.1	processed_transcript	chr13	80041725	80074557	-	0.17	0.1
ENSG00000106635	MIR658	miRNA	chr22	37844272	37844371	-	51.76	0
ENSG00000106636	MIR6847	miRNA	chr8	1.44E+08	1.44E+08	+	0	0
ENSG00000106637	MIR137	miRNA	chr1	98046070	98046171	-	0	0
ENSG00000106638	MIR29B2	miRNA	chr1	2.08E+08	2.08E+08	-	0	0
ENSG00000106639	MIR19A	miRNA	chr13	91350891	91350972	+	0	0
ENSG00000106640	CH17-342C1.1	unprocessed_transcript	chr16	34353616	34371659	-	0	0
ENSG00000106641	MIR29C	miRNA	chr1	2.08E+08	2.08E+08	-	0	0
ENSG00000106642	MIR1909	miRNA	chr19	1816159	1816238	-	0	0
ENSG00000106643	MIR202	miRNA	chr10	1.33E+08	1.33E+08	-	0	0
ENSG00000106644	RP11-1217.1	unprocessed_transcript	chr7	57192405	57192698	+	0	0
ENSG00000106645	MIR937	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000106646	MIR6848	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG00000106647	MIR424	miRNA	chrX	1.35E+08	1.35E+08	-	0	0
ENSG00000106648	KB-1995A5	transcribed_unit	chr22	24633272	24633443	+	0	0
ENSG00000106649	RP11-321E1.1	protein_coding	chr5	17525235	17525831	+	0	0
ENSG00000106650	RP11-328D1.1	lincRNA	chr1	2.08E+08	2.08E+08	+	0.11	0.09
ENSG00000106651	MIR1539	miRNA	chr18	49487373	49487422	+	0	0
ENSG00000106652	RP5-1043L1.1	lincRNA	chr1	87212669	87264741	+	0.05	0
ENSG00000106653	RP11-4F22.1	unprocessed_transcript	chr17	66278059	66278664	+	0	0
ENSG00000106654	MIR6716	miRNA	chr11	1.19E+08	1.19E+08	+	0	0

ENSG0000(MIR2682)	miRNA	chr1	98045242	98045351	-	0	0
ENSG0000(MIR6516)	miRNA	chr17	77089417	77089497	+	0	0
ENSG0000(MIR711)	miRNA	chr3	48578902	48578977	-	0	0
ENSG0000(MIR4444-1)	miRNA	chr2	1.77E+08	1.77E+08	+	0	0
ENSG0000(MIR1973)	miRNA	chr4	1.16E+08	1.16E+08	+	0	0
ENSG0000(MIR5004)	miRNA	chr6	33438331	33438437	+	0	0
ENSG0000(MIR8085)	miRNA	chr19	44758657	44758721	+	0	0
ENSG0000(MIR6773)	miRNA	chr16	68233426	68233499	-	0	0
ENSG0000(MIR4657)	miRNA	chr7	44881748	44881800	-	0	0
ENSG0000(RP13-929K)	unprocessε	chr17	22532166	22532522	+	0	0
ENSG0000(MIR4683)	miRNA	chr10	35641172	35641252	-	0	0
ENSG0000(MIR4534)	miRNA	chr22	37988794	37988853	+	0	0
ENSG0000(MIR1181)	miRNA	chr19	10403458	10403538	-	0	0
ENSG0000(MIR7855)	miRNA	chr14	64785626	64785686	-	0	0
ENSG0000(MIR4321)	miRNA	chr19	2250639	2250718	+	0	0
ENSG0000(MIR4800)	miRNA	chr4	2250077	2250156	-	0	0
ENSG0000(MIR7162)	miRNA	chr10	30368597	30368665	-	0	0
ENSG0000(MIR6843)	miRNA	chr8	27610601	27610751	-	0	0
ENSG0000(RP11-321E)	protein_co	chr5	17521801	17522397	+	0	0
ENSG0000(MIR4712)	miRNA	chr15	50360329	50360410	+	0	0
ENSG0000(MIR718)	miRNA	chrX	1.54E+08	1.54E+08	-	0	0
ENSG0000(MIR378D2)	miRNA	chr8	93916022	93916119	-	0	0
ENSG0000(MIR6820)	miRNA	chr22	37967563	37967624	+	0	0
ENSG0000(RP11-1217)	unprocessε	chr7	57189578	57190226	+	0	0
ENSG0000(RP5-900K1)	protein_co	chr7	99325879	99394653	+	0.88	2.03
ENSG0000(MIR7113)	miRNA	chr11	68032864	68032922	+	0	0
ENSG0000(AC007326)	processed_	chr22	18936411	18947741	+	11.51	11.75
ENSG0000(RP11-434N)	protein_co	chr1	2.11E+08	2.11E+08	-	0	0
ENSG0000(RP13-929K)	unprocessε	chr17	22531463	22531797	+	0	0
ENSG0000(MIR3179-1)	miRNA	chr16	14901508	14901591	+	0	0
ENSG0000(SSU72P2)	protein_co	chr11	4242056	4242640	-	0	0
ENSG0000(C2orf81)	protein_co	chr2	74414176	74421591	-	3.55	1.95
ENSG0000(RP11-96L1)	bidirection	chr1	26046665	26049099	+	0	0
ENSG0000(MIR939)	miRNA	chr8	1.44E+08	1.44E+08	-	0	0
ENSG0000(MIR6742)	miRNA	chr1	2.28E+08	2.28E+08	-	0	0
ENSG0000(MIR7114)	miRNA	chr9	1.37E+08	1.37E+08	-	0	0
ENSG0000(MIR124-1)	miRNA	chr8	9903388	9903472	-	0	0
ENSG0000(MIR3175)	miRNA	chr15	92904399	92904475	+	0	0
ENSG0000(MIR3655)	miRNA	chr5	1.41E+08	1.41E+08	+	0	0
ENSG0000(RP11-444J)	processed_	chr12	7619872	7620260	-	0	0
ENSG0000(RP13-929K)	unprocessε	chr17	22531876	22532172	+	0	0
ENSG0000(MIR9-3)	miRNA	chr15	89368017	89368106	+	0	0
ENSG0000(MIR4741)	miRNA	chr18	22933349	22933438	+	0	0
ENSG0000(MIR1302-2)	miRNA	chr1	30366	30503	+	0	0
ENSG0000(MIR4651)	miRNA	chr7	75915197	75915269	+	0	0

ENSG00000102277	MIR2277	miRNA	chr5	93620696	93620788	-	0	0
ENSG00000102271	AC013271	protein_coding	chr2	1.1E+08	1.1E+08	+	0.37	0.22
ENSG00000102299	RP11-229P	protein_coding	chr9	1.37E+08	1.37E+08	+	0	0
ENSG00000102631	MIR631	miRNA	chr15	75353611	75353685	-	0	0
ENSG00000102117	MIR2117	miRNA	chr17	43444806	43444885	+	0	0
ENSG00000102940	MIR940	miRNA	chr16	2271747	2271840	+	0	0
ENSG00000103622	MIR3622A	miRNA	chr8	27701677	27701759	+	0	0
ENSG00000102142	MIR142	miRNA	chr17	58331232	58331318	-	0	0
ENSG00000102432	RP11-432M	protein_coding	chr5	17597232	17597828	-	0	0
ENSG00000102344	MIR34A	miRNA	chr1	9151668	9151777	-	0	0
ENSG00000102625	MIR6125	miRNA	chr12	62260359	62260454	+	0	0
ENSG00000102475	MIR4745	miRNA	chr19	804940	805001	+	0	0
ENSG00000102192	MIR519A2	miRNA	chr19	53762344	53762430	+	0	0
ENSG00000102224	MIR224	miRNA	chrX	1.52E+08	1.52E+08	-	0	0
ENSG00000102682	MIR6824	miRNA	chr3	48633636	48633698	-	0	0
ENSG00000102507	MIR5047	miRNA	chr17	64501214	64501313	-	30.25	36.49
ENSG00000102464	MIR4640	miRNA	chr6	30890883	30890972	+	0	0
ENSG00000102688	MIR6808	miRNA	chr1	1339650	1339708	-	0	0
ENSG00000102321	RP11-321E	protein_coding	chr5	17498231	17498827	+	0	0
ENSG00000102191	MIR19B1	miRNA	chr13	91351192	91351278	+	0	0
ENSG00000102543	RP11-543B	sense_intronic	chr1	2.11E+08	2.11E+08	-	0	0
ENSG00000102266	RP11-226B	lincRNA	chrX	1.47E+08	1.47E+08	+	0	0
ENSG00000102441	MIR1244-1	miRNA	chr2	2.32E+08	2.32E+08	+	0	0
ENSG00000102102	RP11-102C	unprocessed_transcript	chrY	25464006	25473621	+	0	0
ENSG00000102433	MIR4313	miRNA	chr15	75762215	75762315	-	0	0
ENSG00000102177	MIR147B	miRNA	chr15	45433050	45433129	+	0	0
ENSG00000102242	MIR24-2	miRNA	chr19	13836287	13836359	-	0	0
ENSG00000102496	MIR4496	miRNA	chr12	1.09E+08	1.09E+08	+	0	0
ENSG00000102528	RP11-528B	antisense	chrX	70427450	70435350	-	0	0
ENSG00000102266	RP11-266K	protein_coding	chr12	8138140	8175320	+	0	0
ENSG00000102475	MIR4750	miRNA	chr19	49888175	49888230	+	0	0
ENSG0000010216c	LA16c-312l	protein_coding	chr16	1431035	1433397	+	0	0
ENSG00000102318	MIR3184	miRNA	chr17	30117086	30117160	-	0	0
ENSG00000102710	MIR7107	miRNA	chr12	1.21E+08	1.21E+08	-	0	0
ENSG00000102500	MIR5001	miRNA	chr2	2.33E+08	2.33E+08	-	0	0
ENSG00000102673	MIR6733	miRNA	chr1	43171652	43171712	-	0	0
ENSG00000102319	MIR3191	miRNA	chr19	47226944	47227019	-	0	0
ENSG00000102469	MIR4649	miRNA	chr7	44110849	44110912	+	0	0
ENSG00000102803	BTBD8	protein_coding	chr1	92080305	92147840	+	0.18	0.6
ENSG00000102128	MIR1287	miRNA	chr10	98395218	98395307	-	0	0
ENSG00000102198	MIR1908	miRNA	chr11	61815161	61815240	-	0	0
ENSG00000102370	RP11-370B	lincRNA	chr9	22703516	23438700	-	0	0
ENSG00000102663	MIR663A	miRNA	chr20	26208186	26208278	-	0	0
ENSG00000102711	MIR7110	miRNA	chr3	1.23E+08	1.23E+08	+	0	0
ENSG00000102472	MIR4724	miRNA	chr17	31534883	31534971	+	0	0

ENSG00000168522	MIR8072	miRNA	chr12	1.23E+08	1.23E+08	-	0	0
ENSG00000168523	MIR4647	miRNA	chr6	44254206	44254285	-	0	0
ENSG00000168524	RP11-15H2	processed_transcript	chr19	23259906	23274251	-	2.16	2.59
ENSG00000168525	LLNLR-2631	lincRNA	chr19	31100304	31147981	+	0.05	0.03
ENSG00000168526	RP5-1042K	protein_coding	chr22	40346529	40410054	+	0.4	0
ENSG00000168527	MIR1914	miRNA	chr20	63941465	63941544	-	0	0
ENSG00000168528	MIR4691	miRNA	chr11	68033897	68033981	+	0	0
ENSG00000168529	MIR6869	miRNA	chr20	1392900	1392961	-	0	0
ENSG00000168530	SSU72P7	protein_coding	chr11	4338660	4339244	-	0	0
ENSG00000168531	RP11-321E	protein_coding	chr5	17518367	17518963	+	0	0
ENSG00000168532	MIR122	miRNA	chr18	58451074	58451158	+	0	0
ENSG00000168533	MIR2110	miRNA	chr10	1.14E+08	1.14E+08	-	0	0
ENSG00000168534	MIR197	miRNA	chr1	1.1E+08	1.1E+08	+	0	0
ENSG00000168535	MIR1236	miRNA	chr6	31956839	31956940	-	0	0
ENSG00000168536	MIR9-2	miRNA	chr5	88666853	88666939	-	0	0
ENSG00000168537	MIR6501	miRNA	chr21	33550662	33550728	+	0	0
ENSG00000168538	MIR664B	miRNA	chrX	1.55E+08	1.55E+08	+	0	0
ENSG00000168539	RP11-625N	lincRNA	chr2	495731	496633	+	0	0
ENSG00000168540	MIR1-2	miRNA	chr18	21829004	21829088	-	0	0
ENSG00000168541	MIR1304	miRNA	chr11	93733674	93733764	-	0	0
ENSG00000168542	MIR24-1	miRNA	chr9	95086021	95086088	+	0	0
ENSG00000168543	RABGEF1	protein_coding	chr7	66628958	66811459	+	0.12	0.74
ENSG00000168544	MIR302B	miRNA	chr4	1.13E+08	1.13E+08	-	0	0
ENSG00000168545	MIR1306	miRNA	chr22	20086058	20086142	+	0	0
ENSG00000168546	RP11-432N	protein_coding	chr5	17585162	17585758	-	0	0
ENSG00000168547	MIR6721	miRNA	chr6	32170030	32170116	-	0	0
ENSG00000168548	RP11-449H	TEC	chr9	61982796	61986934	+	0.04	0.03
ENSG00000168549	MIR4720	miRNA	chr16	81385018	81385093	+	0	0
ENSG00000168550	RP11-1217	unprocessed_transcript	chr7	57167039	57167245	+	0	0
ENSG00000168551	AC009477	protein_coding	chr2	1.31E+08	1.31E+08	+	0	0
ENSG00000168552	MIR1292	miRNA	chr20	2652777	2652842	+	0	0
ENSG00000168553	MIR4680	miRNA	chr10	1.11E+08	1.11E+08	+	0	0
ENSG00000168554	RP11-490B	protein_coding	chr16	75660227	75677009	-	0	0
ENSG00000168555	MIR205	miRNA	chr1	2.09E+08	2.09E+08	+	0	0
ENSG00000168556	RP11-262N	processed_transcript	chr1	2.07E+08	2.07E+08	-	0.04	0.27
ENSG00000168557	MIR6890	miRNA	chr3	49099854	49099914	-	0	0
ENSG00000168558	MIR6751	miRNA	chr11	65129916	65129978	-	0	0
ENSG00000168559	CTC-503J8	unprocessed_transcript	chr19	6199405	6205121	+	0	0
ENSG00000168560	CTD-2265C	protein_coding	chr19	12802072	12804303	+	0	0
ENSG00000168561	MIR564	miRNA	chr3	44861888	44861981	+	0	0
ENSG00000168562	MIR363	miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG00000168563	RP11-69H1	sense_intronic	chr15	21990061	22125546	+	0	0
ENSG00000168564	MIR3652	miRNA	chr12	1.04E+08	1.04E+08	+	0	0
ENSG00000168565	LYNX1	protein_coding	chr8	1.43E+08	1.43E+08	-	0.8	0.72
ENSG00000168566	MIR133A2	miRNA	chr20	62564912	62565013	+	0	0

ENSG00000180100	RP11-303E	protein_co	chr16	81022316	81096284	-	0.02	0
ENSG00000180101	RP3-377H1	lincRNA	chr12	4960113	4963450	+	0	0
ENSG00000180102	RP11-429B	transcribed	chr4	82284971	82340013	+	0	0
ENSG00000180103	MIR6873	miRNA	chr6	33287227	33287289	-	0	0
ENSG00000180104	MIR4658	miRNA	chr7	1E+08	1E+08	-	0	0
ENSG00000180105	MIR6741	miRNA	chr1	2.26E+08	2.26E+08	-	0	0
ENSG00000180106	MIRLET7B	miRNA	chr22	46113686	46113768	+	0	0
ENSG00000180107	RP11-444J	processed	chr12	7626103	7626486	+	0	0
ENSG00000180108	RP13-968A	antisense	chr7	99252452	99325826	-	0.03	0.08
ENSG00000180109	MIR4687	miRNA	chr11	3856062	3856141	+	0	0
ENSG00000180110	RP11-666A	protein_co	chr17	76563710	76570544	-	0.04	0.07
ENSG00000180111	MIR4723	miRNA	chr17	28360654	28360734	+	0	0
ENSG00000180112	RP11-340I	processed	chr7	63959844	63981477	-	0	0
ENSG00000180113	MIR6748	miRNA	chr11	62789815	62789885	+	0	0
ENSG00000180114	MIR17	miRNA	chr13	91350605	91350688	+	0	0
ENSG00000180115	MIR92A2	miRNA	chrX	1.34E+08	1.34E+08	-	0	0
ENSG00000180116	RP11-90J1	TEC	chr15	47133495	47134122	-	4.66	4.92
ENSG00000180117	MIR4517	miRNA	chr16	28958583	28958661	+	0	0
ENSG00000180118	MIR3614	miRNA	chr17	56891270	56891355	-	0	0
ENSG00000180119	LINC01226	processed	chr1	31506226	31583306	+	0.09	0.33
ENSG00000180120	MIR330	miRNA	chr19	45638994	45639087	-	0	0
ENSG00000180121	SSU72P3	protein_co	chr11	4329865	4330449	+	0	0
ENSG00000180122	MIR2861	miRNA	chr9	1.28E+08	1.28E+08	+	0	0
ENSG00000180123	MIR8069-1	miRNA	chr21	6859171	6859256	+	0	0
ENSG00000180124	RP11-321E	protein_co	chr5	17486231	17486829	+	0	0
ENSG00000180125	MIR6886	miRNA	chr19	11113474	11113534	+	0	0
ENSG00000180126	CTA-150C2	protein_co	chr22	39014363	39033276	+	0.05	0
ENSG00000180127	MIR1302-1	miRNA	chr15	1.02E+08	1.02E+08	-	0	0
ENSG00000180128	RP11-1217	unprocessed	chr7	57191997	57192337	+	0	0
ENSG00000180129	MIR4788	miRNA	chr3	1.34E+08	1.34E+08	+	0	0
ENSG00000180130	MIR3064	miRNA	chr17	64500774	64500839	-	0	0
ENSG00000180131	MIR451A	miRNA	chr17	28861369	28861440	-	0	0
ENSG00000180132	MIR223	miRNA	chrX	66018870	66018979	+	0	0
ENSG00000180133	MIR371B	miRNA	chr19	53787677	53787742	-	0	0
ENSG00000180134	MIR7705	miRNA	chr8	1.01E+08	1.01E+08	-	0	0
ENSG00000180135	RP11-1217	processed	chr7	57196056	57196564	-	0	0
ENSG00000180136	MIR6787	miRNA	chr17	82236668	82236728	+	0	0
ENSG00000180137	MIR4793	miRNA	chr3	48644194	48644280	-	0	0
ENSG00000180138	MIR935	miRNA	chr19	53982307	53982397	+	0	0
ENSG00000180139	MIR5006	miRNA	chr13	41568286	41568395	-	0	0
ENSG00000180140	MIR4722	miRNA	chr16	88716278	88716337	-	0	0
ENSG00000180141	MIR92B	miRNA	chr1	1.55E+08	1.55E+08	+	0	0
ENSG00000180142	MIR943	miRNA	chr4	1986384	1986477	-	0	0
ENSG00000180143	RP11-444J	processed	chr12	7620542	7621450	+	0	0
ENSG00000180144	RP11-71G1	unprocessed	chr1	1.57E+08	1.57E+08	-	0	0

ENSG00000108047	MIR7847	miRNA	chr11	1880045	1880147	+	0	0
ENSG00000108048	MIR6785	miRNA	chr17	75498548	75498628	+	0	0
ENSG00000108049	MIR4467	miRNA	chr7	1.02E+08	1.02E+08	+	0	0
ENSG00000108050	RP11-755H	antisense	chr2	1795525	1811526	+	0	0

GapCTR_B; GapCTR_CI GapCTR_CI GapCTR_CI LogFC_Gap padj_GapCTR_Cholesterol_vs_GapCTRBasal.C

13.31	12.49	12.84	11.57	-0.14675	0.309002
0	0	0	0	NA	NA
20.55	21.63	22.65	22.31	0.164451	0.304156
3.58	3.82	3.79	3.81	0.143889	0.485549
1.11	2.18	1.54	1.84	0.344236	0.322363
0	0.18	0.15	0.07	NA	NA
150.01	72.44	110.14	95.47	-0.70867	8.98E-09
53.25	70.22	64.85	65.16	0.244697	0.005101
7.85	10.41	11.53	10.55	0.348267	0.034542
5.7	14.3	11.47	10.67	0.848207	1.49E-10
2.97	1.58	2.36	2.18	-0.74047	0.000596
17.06	7.31	11.47	11.47	-0.75147	1.55E-07
9.25	9.65	10.48	11.51	0.125958	0.435326
0.01	0.01	0	0.01	NA	NA
7.76	19.56	12.08	15.88	1.094604	2.30E-13
0.02	0	0	0	NA	NA
24.74	21.64	18.88	21.73	-0.15062	0.141625
29.02	20.11	20.32	21.21	-0.38365	0.000559
12	16.01	13.57	14.08	-0.04918	0.782915
9.08	4.1	4.57	6.36	-0.18072	0.47546
0	0	0	0.03	NA	NA
61.66	51.84	52.78	48.32	-0.30946	0.008337
34.93	29.8	32.49	29.48	-0.17892	0.106722
275.87	236.42	262.42	236.65	-0.20735	0.014506
275.87	236.42	262.42	236.65	-0.20735	0.014506
0.01	0.03	0.12	0.07	1.185104	0.056179
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.99	6.71	6.89	8.38	-0.07606	0.727719
77.45	57.16	63.17	61.25	-0.44666	2.74E-09
7.31	6.9	7.3	8.03	-0.08854	0.716221
0	0	0	0	NA	NA
84.43	78.5	86.93	82.33	0.09636	0.363774
0.62	0.43	0.76	0.44	-0.03219	0.96286
0.51	0.58	0.78	0.33	-0.37104	0.478944
0	0	0	0	NA	NA
5.32	4.25	4.53	3.49	-0.51233	0.007765
10.75	9.05	9.08	7.83	-0.34054	0.002689
3.49	1.68	2.83	3	-0.49437	0.015347
20.59	36.51	28.79	34.38	0.761225	2.22E-18
44.73	76.03	68.02	74.64	0.825563	9.76E-20
11.55	10.94	10.36	11.1	-0.07645	0.747108
66.96	56.61	58	63.37	-0.33868	1.81E-05

0.15	0.48	0.41	0.55	0.459185	0.491275
20.64	61.83	48.18	61.13	1.495816	4.04E-39
84.61	72.1	79.67	66.92	-0.31813	0.001348
9.16	7.34	8.31	7.72	0.134172	0.379343
34.66	30.94	32.04	31.79	-0.15069	0.157661
41	34.61	32.99	34.32	-0.41917	1.59E-06
57.01	60.7	69.27	71.44	0.153781	0.187456
0.26	0.49	0.2	1.46	0.765526	0.130673
14.35	13.31	14.48	13.39	0.167401	0.183194
22.72	21.74	23.52	20.68	-0.11616	0.323311
23.48	28.07	24.84	26.65	0.197701	0.064708
5.34	14.61	13.1	14.54	1.398404	2.87E-36
12.46	22.35	16.45	20.58	0.722774	1.95E-09
7.24	6.71	5.87	6.08	-0.37069	0.007427
43.77	7.01	11.88	9.32	-2.30296	3.67E-45
2.15	0.98	1.63	2.39	-1.07355	3.91E-05
23.55	40.43	30.06	30.99	0.447932	0.007648
1.33	0.18	0.05	0.12	-2.86242	1.07E-14
0.03	0	0.07	0	NA	NA
0.88	0.43	0.63	1.09	-0.65738	0.217282
0.11	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
5.82	6.8	7.63	10.35	0.464269	0.001388
12.64	13.7	11.03	13.75	0.064338	0.727122
28.47	29.06	30.39	29.04	0.189046	0.102471
0.09	0.03	0.03	0.02	NA	NA
0	0	0	0	NA	NA
13.17	18.34	15.51	16.03	0.296511	0.062797
31.3	22.56	27.14	26.4	-0.26905	0.026266
0	0	0.12	0.07	NA	NA
17.66	15.64	16.98	15.88	-0.17961	0.060694
4.77	2.48	3.07	4.05	-0.49018	0.008134
98.22	97.58	90.28	91.86	-0.04703	0.71014
13.18	11.73	14.45	9.87	-0.13944	0.469074
0	0	0.02	0	NA	NA
35.16	36.28	31.99	32.88	0.006628	0.975618
5.07	5.53	5.35	5.02	0.042706	0.827737
0.21	0.21	0.24	0.23	-0.95519	0.09607
0.14	0.03	0.28	0.67	-0.35568	0.590993
3.43	5.77	3.91	4.34	0.217395	0.189669
7.17	9.63	8.36	8.87	0.23235	0.16154
0.46	0.25	0.93	0.26	-1.17598	0.029299
1.35	0.33	0.85	0.66	-1.18487	0.002531
13.43	19.36	12.99	15.61	0.170586	0.318404
16.49	15.44	15.82	16.91	-0.21268	0.123941

17.54	39.11	29.33	36.21	0.904757	6.12E-16
56.06	30.25	34	32.06	-0.95719	1.09E-15
0.54	0.64	0.35	0.81	0.919001	0.061979
10.98	16.47	13.69	14.48	0.251296	0.071915
14.31	13.57	13.45	15.65	-0.18031	0.062147
0.08	0.14	0.39	0.46	-0.3926	0.568922
0.02	0	0.12	0.03	NA	NA
0	0	0	0	NA	NA
4.25	5.04	5.21	6.09	-0.14893	0.549293
20.34	28.3	26.45	25.9	0.365895	0.004791
13.19	4.18	7.72	4.17	-1.26051	2.10E-16
0	0	0	0	NA	NA
20.31	36.93	29.65	34.39	0.812754	8.15E-16
33.95	53.67	45.98	49.33	0.440647	2.68E-05
0.03	0.26	0.26	0.2	1.571555	0.004392
11.44	16.85	13.36	15.18	0.363783	0.001488
3.15	4.21	3.99	5.19	0.127193	0.663866
16.43	12.61	13.77	15.67	-0.03649	0.78157
16.58	15.11	16.18	16.11	0.030604	0.854636
0.12	0	0	0.13	NA	NA
32.23	22.86	25.31	22.03	-0.48682	5.35E-06
16.09	25.39	16.78	19.54	0.288358	0.014494
6.29	5.32	5.28	5.8	0.000907	0.996711
157.6	152.04	166.02	161.05	-0.05537	0.584842
0.6	0.03	0.09	0.43	-0.75278	0.250629
0	0	0	0.01	NA	NA
30.06	35.83	31.51	34.49	0.066268	0.626496
29.3	29.79	32.71	32.52	0.078068	0.660487
123.32	318.92	243.37	286.54	0.957808	5.35E-23
5.55	2	3.61	2.55	-0.61492	0.001968
39.16	34.19	44.46	37.15	-0.1455	0.302482
0.01	0	0	0.03	NA	NA
0	0	0	0	NA	NA
4.34	1.64	2.13	2.39	-1.23343	5.67E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
74.1	496.5	318.12	428.37	2.308246	1.65E-79
50.62	46.53	49.88	50.82	-0.05368	0.617615
0	0.27	0.2	0.11	NA	NA
13.8	13.57	14.45	15.33	-0.01314	0.948225
0.15	0.28	0.07	0.06	0.245806	0.767431
39.13	29.2	29.36	29.41	-0.46332	4.04E-08
0.13	0.17	0.15	0.14	0.629699	0.357738
57.85	165.71	125.06	146.03	1.220418	6.95E-32
0	0	0.02	0	NA	NA

0.06	0.14	0.1	0.06	0.651382	0.283859
46.87	68.39	86.17	82.94	0.736516	1.50E-16
0.61	0.38	0.43	0.47	-0.33729	0.456632
2.98	6.1	4.84	5.76	1.128924	1.82E-14
3.2	26.11	17.3	20.18	2.5538	6.07E-67
6.81	6.65	5.9	5.85	-0.23998	0.217376
15.38	10.08	12.98	12.14	-0.48366	4.40E-05
0	0	0.09	0.01	NA	NA
8.99	5.96	6	5.53	-0.42899	0.001965
6.52	8.28	9.22	8.81	0.408297	0.228759
7.73	6.88	7.88	9.58	-0.17857	0.183866
0	0	0	0	NA	NA
12.36	11.18	12.35	10.78	-0.2171	0.27362
2.22	3.68	2.38	3.65	0.483527	0.102921
3.14	2.01	3.42	2.81	-0.40989	0.101604
23.24	26.28	26.37	25.86	0.102855	0.412114
0	0	0	0	NA	NA
3.61	3.51	3.47	3.87	-0.06549	0.811617
5.45	5.33	6.5	6.07	-0.01789	0.945692
25.55	24.48	26.45	25.5	-0.01774	0.918727
36.71	25.46	29.46	27.09	-0.41018	7.66E-06
0.12	0.17	0.18	0.33	0.368029	0.629548
13.04	14.37	13.7	13.37	-0.13029	0.35328
0.03	0.02	0.02	0.02	-0.45055	0.550981
8.73	7.78	9.94	11.43	0.075074	0.665046
6.36	6.38	6.2	5.99	-0.27916	0.203888
0	0	0	0	NA	NA
22.84	20.05	20.46	20.02	-0.16229	0.126817
2.09	1.88	2.22	2.13	0.04908	0.932476
0	0	0	0	NA	NA
0	0	0	0	NA	NA
19.34	14.74	13.57	16.13	-0.01437	0.931016
0	0	0	0	NA	NA
38.31	34.75	37.03	33.16	-0.04943	0.790064
0	0	0	0	NA	NA
51.59	49.92	50.46	52.39	0.208545	0.012372
0	0	0	0	NA	NA
0.03	0.02	0.05	0	NA	NA
39.25	42.06	40.24	41.92	0.180137	0.021469
0	0.02	0	0	NA	NA
0.98	1.09	1.33	1.44	0.676932	0.022942
11.53	5.2	7.95	7.85	-0.95673	6.97E-05
0	0.42	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.02	0	0.01	0	NA	NA
4.14	6.6	5.38	5.98	0.062682	0.826744
0	0	0	0.02	NA	NA
0.12	0.09	0.55	0.07	NA	NA
10.78	11.39	11.47	11.87	0.105078	0.554091
23.32	58.73	45.02	53.17	1.01411	3.29E-24
16.86	21.84	20.52	20.87	0.130735	0.343264
0	0.04	0.03	0.02	NA	NA
0.29	0.54	0.31	0.36	0.598282	0.38828
26.14	25.99	27.87	26.16	0.004034	0.985048
14.14	24.77	21.34	24.66	0.534868	2.71E-07
5.22	5.61	5.81	6.7	0.123425	0.406684
21.7	19.91	17.72	20.73	-0.26626	0.019178
0	0.19	0.03	0.11	1.149115	0.046534
15.09	14.5	14.16	17.35	-0.08468	0.561445
0.66	0.07	0.04	0.02	-2.51397	6.60E-07
2.76	12.24	14.17	14.66	1.943764	2.07E-37
0.11	0	0	0.09	NA	NA
0.01	0	0.01	0	NA	NA
97.05	111.71	106.06	101.46	0.108198	0.334924
0.64	2.07	1.36	2.23	1.926723	3.44E-09
3.92	9.8	6.24	7.41	0.891346	4.71E-09
2.17	1.68	1.71	1.95	-0.16992	0.385664
0.11	0.21	0.09	0.42	-0.17529	0.837638
13.42	18.67	15.61	15.1	0.062597	0.762686
24.72	21.57	22.65	21.74	0.011863	0.941535
0	0	0	0	NA	NA
0.23	0.42	0.26	0.33	0.690127	0.296011
0.12	0.04	0.09	0.35	-0.20211	0.812274
14.46	6.98	9.53	8.01	-0.80419	3.42E-12
0.34	0.2	0.35	0.13	0.432249	0.541965
34.25	43.71	42.35	40.09	0.222737	0.026814
19.4	46.81	33.43	38.03	0.820656	1.44E-10
26.74	45.88	35.5	39.23	0.540244	4.74E-09
0.33	0.79	0.58	0.8	1.535504	1.69E-08
6.95	4.08	4.58	4.29	-0.70197	4.28E-07
0	0.03	0.03	0	NA	NA
7.8	10.34	9.09	8.48	0.058474	0.869186
6.68	4.79	6.66	6.71	-0.40974	0.048648
314.37	206.56	247.07	218.87	-0.39879	3.57E-06
5.1	4.36	6.12	5.66	-0.13566	0.516817
0	0	0	0	NA	NA
100.17	59.1	68.49	67	-0.63226	1.57E-11
63.62	115.69	86.79	104.08	0.588246	1.35E-08
0.07	0.09	0.05	0.14	0.433481	0.570209

35.08	85.56	70.73	78.61	0.99724	2.02E-17
68.66	58.42	56.68	56.06	-0.16329	0.060277
0.24	0.12	0.16	0.12	-1.19148	0.012939
15.24	18.09	16.17	19.12	-0.08647	0.544467
4.83	4.05	4.28	3.79	-0.31065	0.026001
6.25	5.55	6.25	5.36	-0.07407	0.624592
52.08	68.55	64.8	66.85	0.371803	3.55E-05
872.71	774.48	831.06	746.24	-0.17336	0.048067
162.44	134.57	154.79	148.41	-0.0385	0.712726
19.51	19.94	19.53	19.79	0.173995	0.089707
21.93	12.47	13.59	15.57	-0.96985	6.92E-29
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0.06	0.06	0.1	0.01	NA	NA
6.14	4.83	4.97	4.75	-0.14916	0.528582
0	0.55	0	0.46	0.960119	0.108243
5.62	12.85	11.92	13.86	0.42443	0.003307
21.07	18.12	17.76	18.87	-0.18181	0.13616
0.27	0.33	0.43	0.38	0.125321	0.875208
23.09	25.48	26.5	27.24	0.201228	0.01844
26.33	27.05	23.28	23.6	-0.02365	0.878589
1.16	0.6	1.04	0.82	-0.80227	0.049096
4.59	6.11	3.57	3.94	0.271634	0.288686
8.76	9.97	9.99	11.07	0.081377	0.623698
12.6	10.84	13.38	13.05	-0.16642	0.554943
50.11	47.84	48.76	47.57	-0.03953	0.741293
69.98	97.16	90.95	96.25	0.357585	0.000368
20.21	23.4	21.66	21.56	0.135303	0.402757
202.26	255.11	214.42	213.21	0.132253	0.254603
0	0	0	0	NA	NA
15.61	15.34	14.16	15.76	0.000733	0.996497
19.15	14.43	14.23	14.83	-0.488	4.50E-05
0.65	0.16	0.43	0.15	-1.14034	0.012786
3.38	3.84	3.1	3.39	-0.18938	0.582085
0.01	0.04	0.06	0.01	-0.78788	0.242246
38.84	24.69	31.91	32.5	-0.56528	7.00E-08
0	0	0.19	0.02	NA	NA
9.47	9.82	9.91	11.75	0.007187	0.978994
0.16	0	0.04	0	NA	NA
27.75	43.86	37.53	39.14	0.799829	6.99E-19
18.44	59.74	42.24	46.39	1.290621	4.28E-18
3.1	3.18	3.26	2.85	-0.00385	0.992502
0.51	0.1	0.14	0.57	-1.25885	0.011352
6.21	7.55	7.07	7.07	0.180471	0.47363

0	0.02	0.09	0 NA	NA	
13.77	7.22	11.76	10.09	-0.55216	0.000301
16.92	12.27	17.46	13.03	-0.35672	0.012478
58.79	101.37	92.27	103.43	0.8035	7.85E-17
8.94	18.41	16.05	21.46	1.083507	1.76E-27
0.07	0.25	0.11	0 NA	NA	
15	19.37	16.18	17.78	0.286484	0.008194
19.64	23.01	22.14	21.88	0.083989	0.580733
9.18	7.15	8.35	8.16	-0.2999	0.011287
241.28	296.94	313.45	314.95	0.207215	0.004837
18.73	12.56	11.8	11.49	-0.32489	0.1305
0	0.01	0	0 NA	NA	
19.03	9.42	11.97	11.04	-0.71787	4.89E-13
9.71	7.85	8.82	9.23	-0.17186	0.114007
8.9	15.13	11.9	16.46	0.419709	0.006822
5.01	4.04	3.9	4.99	-0.42565	0.06265
24.65	14.82	14.42	13.54	-0.70228	1.04E-09
0.11	0.15	0.01	0.02	-1.01736	0.112357
23.69	24.85	22.36	27.76	0.111139	0.421103
4.2	3	4.35	4.03	-0.15586	0.400517
13.76	16.43	13.51	13.82	0.190919	0.247738
13.74	12.78	12.56	12.56	-0.19034	0.058894
13.07	16.83	14.63	15.25	0.215002	0.075193
67.31	67.94	70.04	66.03	-0.07929	0.42039
0.23	0.24	0.08	0.06 NA	NA	
1.55	3.23	1.97	2.47	0.491256	0.038465
4.94	3.93	3.81	4.24	-0.16537	0.334547
15.68	17.7	17.53	17.26	0.012105	0.935254
35.25	203.53	115.28	152.35	2.030143	1.03E-16
1.37	1.39	0.69	0.64	-0.35443	0.395163
21.68	19.53	20.56	19.28	-0.1249	0.226087
16.5	12.29	14.39	13.11	-0.34578	0.000212
3560.52	3570.37	3884.2	3845.75	0.034668	0.726825
5.58	17.6	11.28	14.3	1.08071	4.40E-11
23.67	27.6	25.45	25.41	0.24395	0.021586
3.59	3.11	4.03	4.13	-0.38917	0.012731
10.85	18.97	19.32	18.9	0.806053	2.62E-17
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
30.17	12.75	16.05	11.05	-1.09998	1.24E-15
0	0	0	0 NA	NA	
2.61	1.23	1.19	0.63	-0.35979	0.224776
37.64	37.8	32.64	37.51	-0.05621	0.718403
0.12	0.11	0	0.24 NA	NA	
15.12	8.95	8.72	7.85	-0.87713	1.78E-13

7.45	11.08	9.36	9.64	0.322934	0.009759
4.66	5.29	4.95	4.91	0.264367	0.247997
2.96	0.13	0.06	0.19	-4.2646	2.70E-33
9.77	11.83	10.66	11.27	0.172369	0.142343
0	0	0	0	NA	NA
41.13	48.23	50.78	44.69	0.223063	0.017859
0	0	0	0	NA	NA
14.82	8.53	9.76	10.15	-0.50211	2.16E-05
96.05	65.42	71.2	71.97	-0.49853	4.77E-10
7.91	7.76	6.78	6.1	0.125526	0.527967
11.37	14.13	10.64	13.1	0.363862	0.00232
5.67	6.19	5.6	6.32	-0.0342	0.857382
30.45	45.38	37.19	41.78	0.396202	0.00041
23.57	24.35	26.76	25.73	-0.04277	0.736669
0.11	0.05	0.03	0.32	-1.1809	0.017716
67.63	4.77	16.67	10.39	-2.23122	8.67E-08
32.57	46.52	39.75	43.86	0.251956	0.027346
126.8	112.83	113.05	110.37	-0.23642	0.001679
25.72	48.57	41.24	46.23	0.626033	7.37E-10
33.1	34.22	35.14	37.91	0.393427	1.48E-05
4.72	6.84	6.32	5.74	0.41841	0.003284
31.87	39.15	37.66	39.94	0.307574	0.001249
2.71	2.85	2.85	3.22	-0.08735	0.725022
5.21	4.41	4.79	5.69	-0.2184	0.16434
30.11	28.23	28.35	30.14	0.0336	0.831142
17.6	15.35	15.32	15.54	-0.27213	0.024302
3.94	3.97	4.52	3.43	-0.16816	0.483643
63.84	41.34	42.93	39.4	-0.62734	4.85E-11
44.82	33.62	39.15	40.15	-0.42155	2.54E-05
1.86	2.66	1.82	2.92	0.326345	0.18588
0	0.13	0	0	NA	NA
1.29	1.79	1.26	1.62	0.103612	0.817106
7.18	8.26	7.43	7.53	0.04387	0.805614
4.02	5.44	2.42	3.23	0.054271	0.865144
6.12	4.85	4.89	5.63	-0.30298	0.046795
50.89	55.65	47.13	52.2	-0.00454	0.975981
0	0.31	0.45	0.12	0.276244	0.734129
64.15	66.93	63.58	63.75	-0.02251	0.87691
21.1	23.48	23.49	25.15	0.318086	0.001397
10.64	26.9	22.28	22.11	0.65049	6.77E-08
11.2	7.94	8.71	8.89	-0.46973	0.000457
0.31	1.24	0.46	0.34	0.090192	0.872934
5.43	7.79	9.4	9.68	0.305173	0.196026
25.1	31	33.13	35.02	0.330111	0.000187
0.34	0	0.11	0.11	NA	NA

0.04	0	0.12	0	NA	NA
17.46	29.4	24.96	25.28	0.664649	8.47E-08
80.1	88.57	85.82	81.9	0.074795	0.494864
0	0	0	0	NA	NA
14.7	20.86	18.66	20.03	0.303472	0.003712
1.55	2.31	1.55	3.37	0.724082	0.289467
0	0	0	0	NA	NA
33	30.18	35.12	33	-0.03216	0.820647
0	0	0	0	NA	NA
0.07	0.12	0.08	0.09	-0.47856	0.425463
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
42.63	52.2	47.27	49.63	0.172088	0.110301
44.86	65.68	71.4	74.39	0.655811	7.90E-16
5.42	12.9	12.72	12.66	1.358808	4.75E-27
3.63	3.91	7.24	6.24	0.640395	0.029727
22.46	18.63	17.29	19.21	-0.33343	0.000323
20.41	19.85	18.97	15.88	-0.30248	0.007206
0	0.03	0.01	0	NA	NA
0.07	0.12	0.05	0.08	0.093497	0.919715
40.33	106.59	95.25	99.87	1.197461	1.37E-44
22.34	11.35	13.08	13.07	-0.55367	8.92E-08
0	0	0	0	NA	NA
8.69	7.68	8.25	8.45	-0.04999	0.834706
0.13	0.01	0.01	0	NA	NA
5.07	2.68	3.85	3.57	-0.64375	0.000456
0.79	0.92	1.27	1.86	0.470679	0.282991
0.12	0	0.08	0.09	NA	NA
34.17	52.74	46.48	54.24	0.445715	5.95E-06
0.07	0.11	0.02	0	NA	NA
0	0.39	0.12	0.27	1.093973	0.083084
1.74	1.54	1.88	2.71	0.006033	0.986413
0	0	0	0	NA	NA
35.74	11.76	16.49	13.45	-1.35305	1.98E-29
1.87	1.56	1.76	1.95	-0.31082	0.43554
30.99	73.56	75.52	75.13	1.241753	1.92E-49
8.91	9.01	9.47	9.97	0.044711	0.757141
14.15	15.44	15.77	16.26	0.074311	0.593584
51.39	21.25	31.62	27.21	-1.0075	1.46E-17
0.04	0	0.05	0	NA	NA
5.78	7.35	6.9	9.42	0.178203	0.313063
10.96	12.23	11.43	12.36	-0.00743	0.980456
4.46	12.57	9.84	10.3	1.293845	6.43E-29
0	0	0.01	0	NA	NA

5.97	4.5	4.85	5.27	-0.18698	0.283353
0.39	0.15	0.11	0.21	-1.43833	0.008674
10.65	8.83	11.15	10.27	0.003005	0.990895
0	0	0.15	0.03	NA	NA
0.09	0.03	0.11	0.08	NA	NA
6.16	6.4	4.76	5.24	-0.03097	0.896737
1.03	0.86	0.39	0.71	-0.35217	0.415861
14.32	12.93	14.15	16.32	-0.04258	0.813781
6.68	6.87	9.59	7.97	0.143385	0.297549
3.37	1.81	2.45	2.45	-0.99232	1.07E-09
0	0.19	0.15	0.25	1.655998	0.004209
18.87	10.34	12.01	13.26	-1.13683	1.34E-18
46.79	36.96	41.37	39.71	-0.37193	3.90E-05
0	0.17	0	0.04	NA	NA
0.14	0.1	0	0.12	NA	NA
3.17	3.87	3.3	3.01	0.118936	0.598375
54.36	54.25	54.8	49.92	0.006254	0.966405
2.86	3.62	3.44	3.46	0.366363	0.120531
16.58	17.9	17.53	18.85	0.236412	0.057465
0.79	2.13	1.64	1.76	1.026137	1.10E-05
187.01	138.81	155.46	147.13	-0.45908	7.02E-09
22.22	22	21.42	22.78	0.328376	0.000499
21.45	24.38	20.15	21.37	0.089976	0.429301
14.39	16.11	14.58	15.02	0.027422	0.85058
23.24	30.77	27.79	29.84	0.366045	0.000269
0.4	12.45	4.98	9.24	3.472914	3.62E-20
7.56	10.79	10.77	11.17	0.461844	1.86E-08
8.54	15.28	10.64	11.44	0.69914	0.005595
5.13	8.96	8.55	9.1	0.759906	1.15E-07
15.04	16.49	15.44	14.11	-0.21587	0.216148
39.03	54	46.13	46.51	0.316447	0.002674
0.16	0.35	0.34	0.4	0.919326	0.026323
0.74	0.67	0.33	0.26	-0.93313	0.043336
31.19	46.91	43.35	44.45	0.533016	3.57E-08
31.04	20.13	21.16	19.69	-0.3347	0.005595
7.85	7.84	7.71	7.55	-0.07395	0.547629
138.76	77.82	89.31	87.32	-0.75738	3.09E-23
0.15	0.03	0.06	0	NA	NA
8.33	8.1	8.41	11.01	0.012982	0.968599
0.08	0.36	0.5	0.37	0.973864	0.060763
7.91	7.88	8.19	8.29	-0.05476	0.822429
17.07	13.12	14.19	13.6	-0.02624	0.868219
4.12	0.2	0.36	0.1	-3.56289	5.72E-23
10.39	28.96	32.54	28.25	1.577643	4.99E-37
4.52	12.55	11.93	13.83	1.395182	8.37E-20

10.95	9.25	8.67	8.75	-0.17633	0.325969
17.49	15.38	14.16	13.57	-0.33409	0.006248
45.09	36.79	33.74	38.38	-0.09468	0.421641
12.62	12.33	12.29	12.02	0.042029	0.751907
2094.96	1651.57	2027.21	1820.9	-0.23472	0.014166
2.08	3.73	2.68	2.44	0.429029	0.031864
28.21	37.5	35.95	36.17	0.407954	0.00013
21.58	12.7	14.86	18.28	-0.64442	1.58E-06
316.17	734.21	695.2	737.81	1.307181	3.68E-63
1.91	6.57	3.03	5.1	1.021498	0.000178
2.87	2.95	3.57	2.63	-0.04933	0.818414
0	0.08	0	0.04	NA	NA
7.42	10.44	7.74	10.96	0.146831	0.453463
5.15	5.64	5.56	4.7	-0.10219	0.667336
1.3	1.96	1.08	1.55	0.385929	0.309099
0	0	0.01	0	NA	NA
23.34	34.51	31.74	33.11	0.509535	3.52E-07
14.45	21.13	18.19	18.5	0.37926	0.00313
0.04	0	0.07	0.03	NA	NA
8.02	12.97	10.84	11.61	0.459842	0.003297
6.75	10.93	9.45	9.63	0.531274	2.53E-05
29.76	17.51	19.72	19.51	-0.49199	6.43E-07
4.81	22.61	9.42	20.01	1.998644	1.72E-33
12.23	11.25	11.81	12.08	-0.1663	0.218389
51.47	41.83	46.8	43.29	-0.27226	0.002436
17.8	20.06	19.28	17.26	-0.06213	0.787231
4.11	8.89	5.96	10.23	0.991612	2.46E-10
46.8	44.73	42.99	47.75	0.054628	0.646639
20.04	24.95	23.1	23.64	0.110797	0.329012
2.3	0.82	0.86	0.73	-1.3814	2.76E-11
0	0	0	0	NA	NA
5.61	7.78	6.58	6.11	0.423315	0.088865
20.47	17.08	20.01	18.68	-0.16855	0.114228
6.11	12.46	10.49	8.71	0.473493	0.015136
10.04	8.51	8.19	8.33	-0.19394	0.117766
6.77	8.2	7.29	8.11	0.020835	0.933708
0.15	0.08	0.2	0.17	-0.27792	0.725125
0.87	0.34	0.35	0.29	-1.10405	0.000761
631.91	618	652.73	673.66	-0.05584	0.575962
10.88	7.95	10.18	8.13	-0.35726	0.002721
5.09	3.71	4.11	4.13	-0.28747	0.012214
2.87	1.91	1.88	1.74	-0.36775	0.26475
108.25	80.45	89.09	84.16	-0.44279	2.34E-08
26.5	22.68	24.94	28.1	-0.13372	0.251642
7.13	5.21	5.47	5.77	-0.07737	0.67447

5.81	5.91	8.41	7.69	0.230228	0.287997
18	25.3	19.74	23.86	0.143636	0.234414
6.79	6.68	6.39	6.85	-0.05219	0.81945
13.6	17.08	15.38	15.91	0.072171	0.669626
7.39	6.8	7.03	7.41	0.029026	0.896069
18.87	21.79	20.81	22.13	0.055374	0.694306
28.23	46.61	41.07	43.45	0.519044	2.20E-09
0	0	0.02	0	NA	NA
149.18	72.24	96.3	80.8	-0.81472	1.71E-17
18.52	18.23	19.17	21.49	0.213298	0.082266
10.56	28.6	24.24	28.43	1.214978	1.05E-41
14.65	22.93	19.01	18.94	0.486271	7.97E-07
12.84	11.2	9.64	9.43	-0.17686	0.151067
17.98	14.46	14.01	17.75	-0.26643	0.020957
6.67	5.8	6.88	6.63	0.151971	0.413097
20.27	36.71	27.21	31.42	0.592924	1.65E-05
0.15	0.02	0.1	0	NA	NA
2876.59	2873.49	2940.84	2819.55	-0.04256	0.710655
2.98	2.5	3.57	2.8	-0.39027	0.097071
13.16	16.43	14.71	16.64	0.06225	0.66667
7.41	8	8.53	7.33	-0.1895	0.423986
63.29	88.15	84.68	86.48	0.370179	3.47E-05
0.96	0	0.34	0.1	-1.92285	0.000113
17.94	13.1	14.41	14.48	-0.28908	0.060766
12.76	11.7	14.96	13.32	0.011967	0.959017
89.2	46.89	62.48	56.32	-0.65803	2.40E-11
0.09	0.02	0.16	0.07	-0.8078	0.230333
0.83	0.92	0.24	0.78	-0.00152	0.998212
18.23	19.27	18.7	20.44	-0.0798	0.53965
16.79	28.74	20.24	23.98	0.544086	4.80E-05
0	0	0	0	NA	NA
480.97	412.32	423.88	410.76	-0.24178	0.001177
20.69	16.95	15.63	15.74	-0.30913	0.003126
17.39	19.07	18.17	17.89	0.067752	0.640044
24.84	25.5	22.32	25.07	0.031367	0.843711
0.46	0.5	0.81	0.51	-0.25305	0.747413
0	0	0	0	NA	NA
0.46	0.12	0.15	0.11	-1.30599	0.001076
14.2	12.76	13.15	12.91	-0.15035	0.224964
0	0	0	0	NA	NA
0.15	0	0.05	0.11	-0.80743	0.230308
0.38	0.22	0.33	0.26	-0.39797	0.265261
13.82	11	11.96	11.95	-0.30021	0.036687
16.46	21.55	21.19	22.54	0.300308	0.107181
0.04	0	0	0.01	NA	NA

13.75	17.31	16.35	17.19	0.303484	0.007663
10.42	9.52	10.35	11.81	0.069143	0.70138
12.85	17.74	15.81	15.12	0.178264	0.241357
14.86	12.6	13.72	14.1	-0.24524	0.090288
7.86	11.28	11.12	10.84	0.570463	0.004649
0	0	0	0	NA	NA
21.01	16	18.37	17.77	-0.30871	0.025609
3.09	3.83	3.64	3.15	0.255041	0.304944
11.97	15.67	15.1	16.11	0.389528	2.55E-05
22.64	29.46	26.38	27.55	0.206056	0.071885
0.73	0.24	0.23	0.15	-1.80397	1.10E-08
13.57	10.76	10.94	13.27	-0.07232	0.62178
31.78	74.96	46.26	61.21	0.485292	1.51E-07
139.71	358.7	325.08	349	1.279056	3.27E-56
6.13	4.72	4.62	5.04	-0.25808	0.037465
0.5	0.75	0.51	0.24	-0.5857	0.354068
0	0.05	0.05	0.11	NA	NA
21.62	20.35	23.11	21.75	-0.02071	0.907131
0.31	0.14	0.14	0.27	-0.01053	0.990588
7.77	12.59	10.69	17.75	0.723739	1.08E-08
21.09	30.83	28.36	31.03	0.303331	0.003002
0.19	0	0	0	-1.33767	0.019319
28.81	46.63	37.94	46.59	0.644169	3.04E-11
0.12	0	0.05	0.06	NA	NA
18.27	17.63	18.42	18.61	0.136292	0.404409
0	0	0	0	NA	NA
3.18	3.25	3.18	3.43	0.056644	0.762344
13.16	24.24	26.08	30.33	0.928382	1.03E-17
17.26	16.83	12.25	13.18	-0.24459	0.074133
11.88	18.42	15.79	16.8	0.407942	0.002178
16.01	16.25	16.06	15.43	-0.09065	0.56012
0.22	0.21	0.23	0.11	-0.22939	0.776968
37.62	42.37	40.06	40.31	0.204511	0.060021
0.62	0.2	0.18	0.15	-1.63038	0.000104
7.73	4.83	5.15	6	-0.39799	0.001973
2.32	58.07	27.6	50.86	3.52007	5.14E-34
70.43	85.73	75.67	75.2	0.216458	0.040779
0.02	0.01	0	0.02	NA	NA
12.9	16.07	15.64	16.35	0.396055	0.000909
14.3	18.37	16.42	18.65	0.038089	0.862624
4.93	54.39	20.72	41.93	1.882708	1.00E-05
7.34	10.74	9.4	9.14	0.061298	0.826554
4.61	2.4	2.06	2.15	-1.13176	1.05E-10
5.74	5.56	6.29	4.91	0.205433	0.347013
12.4	13.01	12	11.97	0.053682	0.747413

0.04	0	0.1	0	NA	NA
5.6	4.92	5.29	3.61	-0.08336	0.772062
8.57	11.23	10.37	10.58	0.419032	0.011435
27.72	23.23	25.32	25.69	-0.20028	0.043501
29.72	20.1	23.91	20.77	-0.38276	0.006654
103.98	91.02	95.78	90.54	-0.23655	0.014233
0	0	0	0	NA	NA
0	0.09	0	0	NA	NA
0.01	0.28	0.34	0.52	0.528501	0.467815
1.66	1.58	2.24	1.68	0.408053	0.24031
0.15	0.04	0.06	0	NA	NA
10.51	14.19	14.07	11.54	0.280541	0.088025
13.2	19.06	16.72	22.01	0.512734	2.83E-07
0	0	0	0.05	NA	NA
0	0.19	0	0	NA	NA
6.59	7.32	8.53	9.23	-0.01958	0.944376
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.7	16.51	14.38	15.79	0.051699	0.701112
104.74	129.64	126.62	126.06	0.176475	0.032189
7.42	6.21	6.52	8.03	-0.15764	0.318521
2.88	1.83	2.68	2.27	-0.45248	0.007681
0	0	0.01	0	NA	NA
164.14	388.15	260.16	286.47	0.812391	9.49E-11
31.83	8.62	15.87	13.07	-1.26745	2.71E-07
12.56	9.85	9.74	9.26	-0.25982	0.214747
4.57	4.14	4.69	4.9	-0.07848	0.737344
0	0.25	0.14	0.11	1.07641	0.084206
0.03	0	0	0.03	NA	NA
0.01	0	0.01	0	NA	NA
6.61	7.78	6.88	7	0.240941	0.119749
4.49	6.86	7.15	6.85	0.420686	0.000294
3.3	2.69	3.14	2.86	-0.21904	0.286215
28.36	26.22	28.44	27.1	-0.08935	0.479777
40.04	40.33	42.16	38.68	0.048577	0.675953
14.31	11.23	11.55	12.15	-0.13306	0.362291
0	0	0	0.02	NA	NA
28.32	30.29	30.46	29.1	0.331351	2.12E-05
6.11	4.39	6.04	7.63	0.119352	0.628706
7.93	8.67	9.08	7.46	-0.18833	0.148018
13.43	5.72	7.1	6.9	-0.74768	5.34E-06
0	0	0.01	0	NA	NA
0	0.01	0	0	NA	NA
8.22	5.27	4.96	4.13	-0.52423	0.0003
4.7	3.6	3.05	3.13	-0.6378	0.000249

3.92	7.5	5.68	7.73	0.715552	2.42E-07
4.62	5.96	6.55	5.88	0.524977	9.40E-05
0.03	0	0.01	0	NA	NA
88.22	71.17	73.05	76.22	-0.31225	1.94E-05
11.35	12.74	12.74	12.93	0.115089	0.318781
0.07	0.19	0.27	0.34	1.68346	0.000336
14	14.97	11.14	16.84	0.237966	0.082591
3.89	3.04	2.75	3.07	-0.52702	0.007225
21.74	22.52	21.38	22.94	-0.04812	0.736669
8.54	12.48	9.95	9.17	0.178434	0.469557
9.12	10.68	10.43	10.3	0.021862	0.904801
18.84	21.09	17.67	20.13	0.130809	0.277873
7.47	10.89	9.7	8	0.313471	0.049672
0	0	0	0	NA	NA
6.63	6.61	5.8	4.89	-0.18024	0.187845
1.27	0.06	0.19	0.13	-2.13869	3.62E-06
13.95	14.22	14.07	12.27	-0.05711	0.760747
0.04	0	0.03	0	NA	NA
17.26	17.29	17.26	17.57	0.164135	0.12603
7.01	6.04	6.24	6.77	-0.11287	0.306849
21.47	12.51	11.48	12.77	-0.79552	9.76E-20
38.2	34.2	34.07	35.3	-0.12052	0.192859
8.77	8.52	8.83	10.31	-0.11186	0.472312
0.36	0.7	0.3	0.35	0.265078	0.692251
36.35	12.41	23.7	17	-0.89254	0.002325
3.09	3.15	3.28	3	-0.43029	0.07678
5.45	12	5.14	8.52	0.604085	0.111556
18.28	15.33	15.78	16.4	-0.27746	0.000562
63.72	66.82	68.09	63.93	-0.01007	0.944131
12.51	4.01	7.92	7.16	-0.98475	0.00149
0.08	0	0	0	NA	NA
0.48	2.52	2.78	3.26	2.091868	1.28E-12
0	0	0	0	NA	NA
53.48	168.46	116.7	142.71	1.190092	1.13E-25
124.1	165.67	149.2	155.54	0.317443	0.000152
27.78	33.37	33.09	39.33	0.291624	0.011499
5.24	5.97	5.92	5.31	0.042962	0.886584
14.19	17.31	16.79	24.68	0.306394	0.002245
50.9	66.61	56.82	56.65	0.259309	0.009746
1.38	2.77	4.29	3.67	1.238306	3.53E-10
0.03	0.08	0	0.07	NA	NA
2.51	3.81	4.72	3.31	0.621521	0.004499
182.6	134.31	159.87	143.5	-0.36944	5.19E-06
4.1	3.13	3.95	2.75	-0.08895	0.694326
0.01	0.01	0.02	0	NA	NA

42.19	45.66	42.54	43.75	0.129779	0.294087
192.13	316.94	321.09	354.89	0.659345	3.95E-16
1.85	1.18	1.21	1.17	-0.70764	0.005403
0.26	1.59	1.6	1.06	1.669978	3.91E-05
6.44	12.34	10.08	9.78	0.605308	2.89E-06
114	59.89	85.37	71.98	-0.51422	7.96E-06
24.43	24.3	23.48	23	-0.24224	0.048536
0.52	0.27	0.54	0.46	-0.21745	0.648374
0.02	0	0	0.02	NA	NA
0	0.01	0	0.01	NA	NA
0.22	1.62	0.98	0.92	3.09519	1.11E-10
15.74	17.9	18.08	19.78	0.108027	0.482338
0	0	0.04	0	NA	NA
21.67	25.94	25.28	24.27	0.208909	0.046128
15.25	12.85	13.61	15.47	-0.14448	0.310228
101.41	142.84	105.19	121.45	0.159086	0.15409
44.89	82.18	70.34	73.19	0.664403	7.10E-12
0.74	0.44	0.78	1.6	0.065924	0.93072
0.06	0.01	0.05	0.02	-0.73458	0.268868
9.47	12.93	9.93	10.62	0.446229	0.001912
115.02	134.56	119.72	116.05	0.069151	0.599474
13.02	13.33	11.71	12.47	0.000499	0.998212
26.64	27.2	29.02	26.81	0.220512	0.040242
4.57	5.91	5.89	6.89	-0.17058	0.417838
18.14	11.82	17.57	17.07	-0.25935	0.068669
0	0.04	0.07	0	NA	NA
14.33	13.12	13.13	13.52	-0.07277	0.675176
6.76	8.22	8.04	7.59	0.345538	0.014867
5.89	3.5	4.84	4.74	-0.24886	0.129169
36.63	14.25	14.64	14.87	-1.15718	1.27E-27
28.31	25.23	26.42	28.18	0.109612	0.368831
0	0	0	0.02	NA	NA
0	0	0	0.14	NA	NA
14.29	12.84	12.84	13.98	-0.22506	0.029113
0	0	0	0	NA	NA
35.1	37.8	34.87	33.13	-0.0822	0.55868
7.89	11.27	11.44	11.79	0.219658	0.146974
0	0	0.04	0.13	NA	NA
20.81	17.19	19.74	15.73	-0.1975	0.313913
0.11	0.18	0.13	0.43	0.092723	0.909236
0.03	0	0	0.04	NA	NA
3.01	1.48	1.7	1.49	-0.40248	0.027241
12.04	10.8	12.09	12.11	0.152323	0.292424
8.8	9.08	7.15	7.53	-0.24009	0.129201
0	0	0	0	NA	NA

37.69	53.66	49.87	49.48	0.268926	0.009917
30.58	30.17	35.17	31.53	-0.02903	0.816626
77.88	65.41	69.89	69.39	-0.40454	0.000242
0.17	0	0.06	0	NA	NA
0.83	0.28	0.52	0.18	-0.2666	0.612213
9.56	16.05	13.19	13.77	0.433383	8.55E-05
3.72	4.05	3.8	4.52	0.068403	0.820599
15	13.99	15.14	11.74	-0.2168	0.129884
3.35	35.75	15.98	26.11	3.15286	1.62E-12
3.45	2.27	3.01	2.57	-0.61759	0.00154
9.69	14.26	11.5	13.28	0.387442	0.000231
1.23	3.28	2.19	2.7	1.092084	2.72E-07
10.37	11.46	10.88	12.71	0.08238	0.609765
3.17	1.69	2.41	1.64	-1.65622	2.26E-34
0.37	0.46	0.47	0.65	-0.04197	0.948254
7.87	4.85	4.77	4.67	-0.7632	3.21E-16
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.12	1.93	2.01	2.17	-1.48281	1.95E-12
20.43	15.2	19.19	18.56	-0.29629	0.003991
0.83	4.64	3.21	4.11	1.800943	1.19E-16
16.64	18.95	19.49	19.49	0.445455	1.44E-05
11.85	16.55	14.27	14.69	0.172915	0.262374
45.77	51.09	51.03	45.39	-0.01546	0.916037
0	0	0	0.02	NA	NA
18.88	25.66	23.57	23.3	0.354715	0.000374
13.69	12.47	12.08	10.03	-0.1126	0.596078
5.28	7.41	6.34	6.51	0.342961	0.011474
19.42	21.78	19.89	20.3	0.133832	0.263458
48.91	60.63	54.62	54.64	0.273717	0.005818
10.33	9.49	7.74	10.51	-0.01793	0.90895
11.27	17.92	15.35	14.97	0.31232	0.002695
11.46	8.84	8	10.71	-0.18229	0.058316
2.78	0.39	0.67	0.54	-2.13913	2.14E-16
0.09	0	0.02	0.05	-0.63807	0.361968
19.32	22.24	20.16	20.68	0.187383	0.067202
38.6	43.86	44.66	44.86	0.222854	0.069231
0.73	1.01	1.66	0.85	-0.05565	0.946646
0	0	0	0	NA	NA
10.26	10.77	10.44	9.21	0.001715	0.995746
30.37	38.64	31.72	33.17	0.330299	0.000337
1.09	1	0.77	0.77	-0.26737	0.416383
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
1.22	2.88	1.05	1.75	0.647659	0.026109

11.02	14.8	13.27	15.05	0.355241	0.000201
0.02	0	0.05	0 NA	NA	
16.45	33.39	26.79	30.25	0.751424	1.85E-09
3.77	1.8	1.98	2.12	-1.11147	8.66E-10
33.99	152.14	105.8	136.47	1.941617	6.81E-61
0	0	0	0 NA	NA	
19.32	17.42	16.31	18.47	-0.31971	0.001089
1.79	0.09	0.72	0.22	-1.8933	0.000425
0.02	0.01	0	0.03 NA	NA	
0	0	0.02	0.12 NA	NA	
75.84	92.17	87.78	90.09	0.222056	0.006454
0.42	0.95	0.51	0.64	0.617883	0.148389
9.71	11.96	12.23	10.78	0.027967	0.889589
0.8	0.7	0.62	0.88	-0.25721	0.442695
16.09	14.59	16.25	14.57	-0.08946	0.610062
14.74	10.69	13.67	10.87	-0.38871	0.002736
3.09	3.65	2.54	3.41	0.287874	0.127141
18.25	18.63	16.99	21.2	0.164823	0.176246
1.82	2.73	2.2	2.82	0.333418	0.091468
11.97	25.54	29.68	24.24	0.886932	1.72E-27
134.18	173.2	152.75	160.39	0.183817	0.039044
19.52	16.04	15.02	13.75	-0.30982	0.001684
0.04	0.02	0	0.02 NA	NA	
0.13	0.35	0.06	0.22	0.277252	0.734587
13.03	7.47	8.62	9.73	-0.33272	0.009062
11.06	10.71	13.37	14.69	0.364484	0.005159
76.49	32.87	39.57	34.9	-1.13574	1.22E-49
30.99	33.25	31.82	33.36	0.08426	0.502985
11.92	9.63	10.36	12.73	0.135654	0.486386
13.63	13.85	13.03	11.39	-0.0105	0.966075
2.26	2.59	2.74	2.77	0.055829	0.833394
0.1	1.26	0.7	1.16	1.612134	0.001039
21.26	23.02	20.13	23.74	-0.165	0.158225
10.01	9.2	10.18	13.11	0.186447	0.216741
0.74	0.54	0.74	0.4	-0.40343	0.564461
5.43	7.12	6.19	7.81	0.230658	0.291301
18.78	29.97	28.44	31.02	0.278998	0.004534
6.8	5.85	4.54	6.66	-0.18115	0.285664
7.9	9.02	7.15	9.43	-0.1731	0.353814
4.4	5.19	4.55	6.89	0.549184	5.14E-05
10.09	16.54	11.92	20.79	0.433467	0.003624
5.49	7.19	7.78	6.81	0.371966	0.054267
36.99	40.95	54.4	53.58	0.340393	0.001661
0.56	0.78	1.17	1.38	0.394348	0.440749
7.26	9.32	8.32	10.55	0.341684	0.013063

154.7	114.54	124.55	130.25	-0.38014	4.72E-05
0.17	0.12	0.09	0.08	-0.35096	0.654968
36.44	39.1	38.07	40.39	-0.00972	0.943527
0	0	0	0	NA	NA
31.67	36.56	37.65	36.84	0.266856	0.005878
17.45	22.91	20.71	24.03	0.286924	0.014386
0	0.62	0.21	0.52	2.382735	1.63E-05
0	0.04	0	0	NA	NA
9.49	12.43	9.59	11.19	0.426312	0.006769
3.72	8.09	5.81	7.12	0.846545	1.46E-12
13.05	16.01	15.36	15.97	0.124101	0.493647
0	0	0	0	NA	NA
0.99	0.09	0.18	0.2	-1.47018	0.000203
7.58	6.86	7.67	6.87	0.029745	0.854324
11.6	9.63	10.63	9.51	-0.30078	0.162132
24.29	24.13	25.47	25.01	-0.06269	0.674182
30.33	35.06	36.45	47.59	0.419802	6.87E-07
43.35	31.5	33.66	33.81	-0.31346	0.000469
0.29	0.11	0.12	0.12	-1.09512	0.012691
0.19	0.06	0.15	0.26	-0.11133	0.893216
0	0	0	0	NA	NA
11.42	12.86	16.93	21.44	0.358094	0.085322
54.76	53.09	54.75	53.46	-0.02783	0.807332
14.31	15.51	15.82	16.45	0.18424	0.191102
0.27	0.03	0.01	0.04	NA	NA
12.99	10.76	10.98	11.78	-0.17886	0.154618
8.82	10.71	10.52	11.47	0.094106	0.554834
11.96	11.14	11.24	11.67	-0.01213	0.938797
0.16	0.76	0.16	0.46	-0.56089	0.42505
0	0	0	0	NA	NA
20.26	19.96	22.04	21.17	0.043641	0.763461
2.82	3.43	2.81	2.44	0.274278	0.329012
4.02	2.59	2.64	2.65	-0.14248	0.566181
41.85	39.49	37.26	41.05	-0.19779	0.028232
0	0.25	0	0.05	NA	NA
52.83	45.71	57.07	48.29	-0.11788	0.488156
13.64	17.92	13.35	13.73	0.026094	0.876915
9.41	9.57	12.32	10.15	0.097909	0.434032
83.38	100.14	102.94	89.56	0.216342	0.026537
14.24	8.28	11.66	10.79	-0.45854	2.97E-05
4.41	4.24	4.26	5.56	-0.0056	0.986154
0	0	0	0	NA	NA
232.55	201.22	229.24	200.1	-0.18003	NA
0.13	0.02	0.07	0.27	-0.64028	0.363774
6.02	3.46	3.86	4.11	-0.12191	0.536395

6.17	6.56	6.87	5.44	0.119014	0.601015
839.93	764.63	788.73	725.83	-0.2084	0.012362
10.09	4.08	7.74	11.09	-1.08284	5.71E-07
30.05	35.48	29.02	31.84	0.079871	0.650585
49.98	56.64	53.51	57.24	-0.08635	0.470028
62.48	58.7	59.85	59.58	-0.1042	0.287915
17.13	16.26	14.61	14.46	-0.1921	0.095414
4.98	9.48	6.93	7.74	0.568292	0.000253
0	0	0	0	NA	NA
4.08	5.19	4.48	4.97	0.230008	0.08887
9.06	7.34	7.05	6.37	-0.48537	9.19E-05
50.33	44.41	47.62	47.72	-0.22326	0.014338
3.79	4.14	3.26	3.62	0.076905	0.819046
28.7	53.56	46.86	53.65	0.710579	8.27E-09
19.35	26.46	23.18	25.97	0.223145	0.043233
6.78	5.2	5.85	5.47	-0.28307	0.201629
0.62	1.01	0.67	1.5	0.19613	0.616434
6.85	8.03	7.27	10.16	-0.07724	0.699358
31.97	27.81	42.34	33.08	-0.18574	0.178484
0	0.02	0	0	NA	NA
4.93	6.28	5.38	4.88	0.19992	0.50607
0.16	0.07	0	0.18	NA	NA
47.49	3.94	13.5	8.71	-2.06991	2.41E-06
0	0	0	0	NA	NA
4.66	11.26	8.39	8.97	0.637264	0.000131
0	0	0	0	NA	NA
0.04	0.08	0.05	0.17	0.211649	0.802725
4.52	1.17	1.29	1.51	-1.75623	7.03E-25
6.54	9.35	9.7	10.13	0.126578	0.36769
5.42	5.5	4.64	5.65	-0.18276	0.109495
16.34	17.05	16.97	17.21	-0.04247	0.750753
2.69	3.95	3.83	3.74	-0.07365	0.850579
28.12	24.64	26.81	22.02	-0.19045	0.237068
10.72	10.84	11.57	11.03	-0.04414	0.843441
0.89	1.27	0.94	0.63	-0.16043	0.801875
495.93	377.79	406.51	403.57	-0.37475	5.11E-08
14.81	18.88	17.57	18.74	0.13668	0.199223
10.57	16.54	15.47	15.38	0.533652	1.64E-07
13.51	10.04	9.37	11.46	-0.1365	0.52693
1.24	0.09	0.22	0.06	-2.58572	5.47E-10
150.9	33.03	50.25	42.79	-1.93518	1.27E-54
4.92	2.51	2.35	2.65	-0.80986	6.17E-07
0.19	0.21	0.25	0.09	0.766207	0.261184
5.01	3.34	3.63	3.78	-0.31569	0.072712
19.88	22.48	22.94	24.74	0.138651	0.208141

3.19	2.92	3.39	3.25	-0.11161	0.719538
0.05	1.49	0.46	1.86	2.614056	4.18E-09
0	0	0	0	NA	NA
85.68	19.59	34.64	30.13	-1.60316	2.23E-27
24.81	27.51	31.25	31.54	0.158439	0.201629
4.43	3.74	3.67	3.04	-0.22692	0.347535
36.79	37.1	37.97	39.79	-0.01106	0.947552
10.29	3.14	5.42	3.57	-0.88011	4.73E-06
9.35	10.37	8.86	11.64	0.170014	0.410017
4.6	4.95	4.45	5.33	0.123199	0.452761
30.64	33.99	33.51	33.88	0.045986	0.687835
12.93	13.31	13.56	13.63	-0.03749	0.84665
13.88	16.37	15.51	17.81	-0.05222	0.814797
7.38	7.03	6.65	6.95	-0.03861	0.913642
4	3.26	3.44	3.75	-0.19424	0.129598
2.92	2.93	3.1	2.93	-0.01131	0.940209
42.64	43.37	39.14	40.35	-0.01306	0.924604
55.98	56.95	57.27	55.39	-0.03939	0.756943
9.68	7.64	9.24	11.17	0.01799	0.929201
10.57	10.52	10.94	11.27	-0.10904	0.390993
18.38	22.45	22.93	23.94	0.055901	0.760637
106.29	50.55	75.72	62.51	-0.78853	1.40E-11
0.08	0.28	0.07	0.13	0.748185	0.216435
0	0	0	0	NA	NA
0.13	0	0.26	0.14	NA	NA
26.2	21.92	27.38	27.57	-0.27705	0.015804
0.93	0.47	0.77	0.45	-0.53477	0.322965
0	0	0	0	NA	NA
1.76	2.51	3.89	1.49	-0.52538	0.023923
41.83	44.33	43.52	41.09	-0.04153	0.754778
12.65	16.5	12.95	15.62	0.221152	0.263307
52.08	39.34	46.06	41.01	-0.31518	0.001933
7.24	6.34	6.59	7.26	-0.17542	0.241346
87.31	115.46	108.82	103.14	0.337923	0.00109
8.55	12.88	11.2	13.55	0.473174	3.86E-06
7.53	3.48	2.1	4.31	-2.03002	2.56E-65
22.53	21.56	24.79	20.53	0.217398	0.106822
10.48	10.73	11.23	11.56	0.223009	0.138752
4.17	7.71	6.32	8.18	0.797103	0.000105
0	0	0.06	0.01	NA	NA
10.42	12.47	11.17	14.43	0.463088	4.15E-06
12.32	12.24	12.67	10.28	-0.01576	0.94393
1.32	0.95	1.56	1.76	1.187917	8.60E-05
0.23	1.89	1.11	1.34	1.859133	2.44E-07
3.24	4.87	3.46	4.34	0.226208	0.400736

0	0	0	0	NA	NA
3.72	1.17	1.67	2.18	-1.06505	2.07E-06
13.53	25.18	15.43	22.55	0.88547	1.05E-12
2.49	7.48	4.46	6.62	1.063574	2.34E-06
5.89	2.54	3.19	2.82	-1.01013	3.44E-11
12.96	9.56	8.6	8.14	-0.22635	0.190231
10.82	11.29	12.08	11.9	0.072076	0.56012
56.34	43.5	54.97	53.39	-0.31547	0.002238
6.76	4.89	6.1	4.86	-0.15214	0.250886
8.69	10.2	9.34	10.29	0.121657	0.343747
312.67	235.12	286.33	251.38	-0.29028	0.00208
9.57	8.95	8.84	9.21	-0.0539	0.729065
7.04	7.48	6.89	6.59	-0.08111	0.666171
0	0.11	0	0	NA	NA
19.95	21.98	22.28	21.5	0.036236	0.838159
0.77	2.48	1.06	0.82	0.61406	0.142343
10.02	10.75	10.23	10.49	0.045459	0.735697
22.07	28.21	26.56	26.13	0.079464	0.572314
13.53	12.11	12.76	11.49	-0.16264	0.152735
14.76	12.43	14.31	14.61	-0.10935	0.540465
0.37	0.74	0.28	0.76	0.082052	0.92335
0	0	0	0	NA	NA
2.3	7.62	9.64	8.27	1.766521	9.10E-28
0.47	0.06	0.05	0.03	-2.53777	8.93E-11
0.01	0	0.01	0.04	NA	NA
51.71	56.01	53.34	54.74	-0.00219	0.989838
0	0.08	0.04	0	NA	NA
10.29	10.48	10.16	10.86	-0.006	0.986402
0.02	0.02	0.02	0.02	NA	NA
0	0	0.04	0	NA	NA
4.18	4.67	5.14	4.2	0.302484	0.056421
9.89	9.9	10.04	12.02	0.018778	0.934775
19.48	28.25	25.44	25.49	0.338503	0.00052
0.05	0	0.27	0.14	-0.40752	0.590736
3.11	3.46	3.46	2.76	-0.02335	0.941535
5.88	12.96	10.54	9.89	0.872894	1.18E-08
19.33	14.37	11.11	12.65	-0.7334	1.56E-11
6.69	6.74	7.18	7.09	-0.00021	0.999448
10.42	12.35	10.97	10.81	0.109444	0.46657
22.53	33.9	32.22	35.14	0.519479	7.59E-07
0	0	0	0	NA	NA
10.02	10.13	8.72	11.86	0.080514	0.534029
9.85	9.93	8.98	10.9	0.012627	0.941019
0	0	0	0	NA	NA
2.47	2.19	2.33	2.49	0.128711	0.608074

6.54	9.49	8.95	8.84	0.301636	0.111448
0.49	1.22	0.58	0.96	0.136399	0.791573
18.67	13.78	12.59	12.57	-0.35564	0.005185
7.33	6.6	6.94	7.61	-0.08536	0.515662
26.19	30.99	32.61	41.58	0.310356	0.000636
76.34	113.67	124.45	126.83	0.623189	1.23E-11
17.78	17.08	17.06	15.15	-0.04316	0.819106
48.91	52.36	53.59	55.72	0.222052	0.022825
12.13	12.48	14.48	13.16	0.130283	0.35328
54.96	95.75	81.87	85.88	0.683148	4.01E-10
9.57	17.44	18.09	17.09	0.998502	2.02E-26
117.92	113.96	104.24	109.29	-0.14159	0.176687
2.59	4.29	4.66	4.49	0.858405	2.36E-10
134.19	118.82	117.72	119.94	-0.31927	0.000131
3.73	2.85	2.4	2.54	-0.21321	0.373137
12.1	12.06	14.66	12.05	0.051958	0.744187
7.79	6.15	6.13	5.76	-0.26099	0.182357
889.2	1101.89	1203.12	1153.04	0.285829	0.001515
8.83	10.73	9.37	9.7	0.111544	0.430415
12.56	16.13	15.57	15.81	0.352803	0.002559
9.31	14.33	10.65	11.71	-0.15019	0.470108
25.22	30.31	25.89	26.94	0.142535	0.117171
9.49	7.57	6.39	7.29	-0.2664	0.082878
4.2	4.45	4.48	4.05	0.16368	0.539415
232.63	175.27	210.23	194	-0.32896	2.05E-05
14.23	19.12	13.04	15	0.23184	0.055161
2.64	1.84	1.92	2.63	-0.25882	0.699246
1.23	1.41	0.96	0.65	0.172066	0.752233
6.07	5.83	6.25	7.43	0.364826	0.021341
33.13	33.74	37.21	35.49	0.038895	0.752675
3.82	1.55	2.5	1.94	-1.02693	6.80E-09
7.74	13.01	12.41	12.77	0.78231	2.69E-15
24.55	26.25	28.81	27.91	0.088977	0.571879
15.61	5.9	7.09	6.33	-1.2896	4.42E-20
0.36	0.11	0.27	0.22	-0.07638	0.923329
0.02	0.01	0.01	0 NA	NA	
12.91	12.07	12.86	12.21	-0.12404	0.22911
14.69	25.65	24.03	24.71	0.712102	3.80E-10
4.12	3.68	3.31	3.84	-0.07299	0.817247
20.3	31.77	31	30.69	0.588147	4.43E-10
5.89	3.81	3.7	5.29	-0.05282	0.767346
22.83	21.44	22.57	22.55	-0.13116	0.308023
0.18	0.95	0.37	0.57	1.634063	0.000459
17.71	13.61	13.06	14	-0.44348	0.001622
6.42	7.43	6.89	6.04	0.213469	0.183442

20.69	18.97	17.12	20.69	0.083554	0.565562
11.85	7.61	9.39	8.18	-0.23124	0.093281
20.98	15.34	17.72	17.85	-0.27227	0.003757
26.39	29.71	30.32	28.17	0.086362	0.478049
29.41	29.95	30.44	30.66	0.0435	0.724081
8.57	6.99	6.65	10.02	-0.11946	0.504623
27.88	142.07	95.04	118.8	2.015636	3.41E-20
6.29	7.59	7.1	7.89	0.110315	0.543203
9.4	9.86	9.91	10.37	0.162562	0.373798
11.3	18.64	15.15	16.84	0.421387	0.000956
15.11	26.64	24.22	26.34	0.629776	1.28E-06
0.68	1.17	1.33	1.25	0.287613	0.521775
0	0.05	0.04	0.06	NA	NA
18.9	8.54	10.4	9.83	-0.49697	1.50E-07
5.94	6.25	6.41	5.33	-0.12165	0.279617
253.51	215.35	230.84	220.51	-0.24208	0.001085
18.77	14.14	15.61	15.07	-0.28698	0.005729
44.36	55.17	54.93	58.35	0.217295	0.034735
0.25	0.3	0.2	0.33	-0.95851	0.032553
2.6	3.09	3.42	3.16	0.040912	0.87997
8.85	10.96	10.28	10.2	0.116769	0.456633
0.5	0	0.15	0.05	-0.91157	0.164486
10.51	13.52	11.18	12.99	0.169505	0.181048
23.95	15.1	15.53	15.24	-0.3604	0.000849
43.91	25.09	33.14	31.62	-0.63003	1.18E-09
26.92	72.52	44.43	55.41	1.019832	4.99E-13
7.7	14.69	13.01	12.26	0.584296	2.95E-05
1.41	0.25	0.6	0.53	-1.58079	1.94E-06
0	0	0	0	NA	NA
0	0.09	0.09	0	NA	NA
0	0	0	0	NA	NA
7.41	10.45	10.15	11.15	0.385212	0.000644
0.04	0.01	0.01	0.12	NA	NA
0.01	0.01	0.36	0.02	0.744131	0.266084
0	0	0	0	NA	NA
9.27	11.55	9.41	10.02	-0.1074	0.413241
55.33	36.43	36.03	35.27	-0.23461	0.008021
35.96	32.07	34.4	35.31	-0.15647	0.101523
21.02	21.33	23.96	22.8	0.036309	0.816402
38.14	32.02	37.97	31.86	-0.12214	0.326189
5.01	5.95	4.63	5.56	0.22741	0.192444
5.19	0.9	1.45	1.02	-1.73716	2.05E-32
0	0.07	0.12	0	NA	NA
2.11	1.4	1.72	1.42	-0.37102	0.237586
5.51	7.64	8.84	7.57	0.371058	0.101151

0.02	0	0	0.02	NA	NA
2.9	4.9	5.27	5.7	1.085273	1.55E-15
0	0.11	0.39	0.3	NA	NA
15.5	14.11	14.23	14.98	0.311698	0.001073
0.33	0.23	0.29	0.29	-0.88957	0.02876
0.07	0.05	0	0	NA	NA
0.16	0.31	0.41	0.46	-0.103	0.896485
79.78	140.72	113	125.41	0.686012	7.28E-13
30.99	28.64	33.4	27.56	-0.16565	0.177792
5.88	4.76	5.06	4.41	-0.55449	0.002216
14	26.14	19.84	22.87	0.578082	5.26E-09
11.36	14.61	12.66	13.15	0.235694	0.081123
12.47	14.66	13.54	14.78	0.104962	0.557574
21.34	18.12	23.11	22.3	-0.06019	0.748936
29.33	41.43	36.36	34.34	0.369504	0.003347
11.61	13.85	12.53	13	0.10374	0.424805
0	0	0	0	NA	NA
0	0.21	0	0	NA	NA
10.26	12.09	11.68	12.7	0.235745	0.02158
7.54	8.14	7.93	7.49	-0.0503	0.761385
110.85	135.75	122.44	139.1	0.280759	0.004292
92.81	55.18	58.7	51.36	-0.72799	3.15E-15
0.47	0.65	0.67	0.63	0.251573	0.44868
0.19	0.14	0.34	0.32	-0.10563	0.877298
0.15	0	0.09	0.03	-0.02792	0.974854
0	0.04	0	0.07	NA	NA
23.24	53.65	51.01	53.52	1.029601	5.93E-39
5.62	4.35	5.41	4.64	-0.19	0.301759
40.74	29.02	38.97	37.58	-0.33603	0.000845
22.79	20.22	19.24	21.87	0.207373	0.050185
3.07	2.01	3.54	2.96	-0.21972	0.367698
0.5	0.51	0.31	0.37	0.267771	0.731121
28.94	23.69	29.4	29.26	-0.08574	0.565616
23.08	21.59	20.44	21.83	-0.23985	0.009167
13.6	14.86	14.64	16.34	0.287498	0.064116
12.08	16.41	18.93	18.06	0.35843	0.000239
6.39	8.51	6.81	8.16	0.245569	0.145356
8.91	15.87	13.27	15.14	0.793739	2.44E-08
8.34	12.28	9.33	10.75	0.36924	0.08671
0.26	0.26	0.13	0.52	0.152166	0.863981
96.64	145.8	114.43	134.87	0.461354	1.88E-06
2.28	3.6	2.29	3.73	-0.06111	0.933531
12.09	14.89	14.69	14.98	0.364267	0.005679
48.16	38.12	41.75	46.65	-0.21734	0.008494
32.61	18.99	23.48	25	-0.69887	8.04E-12

10.29	8.6	7.49	8.16	-0.39397	0.004395
0	0.01	0	0.21	NA	NA
1.45	1.81	2.86	1.86	0.682293	0.054139
0	0	0	0	NA	NA
690.71	520.68	584.48	602.87	-0.33887	9.25E-07
2.04	1.69	1.64	1.97	-0.37744	0.116319
14.3	15.72	14.68	15.54	-0.03765	0.862624
22.94	25.94	24.55	26.09	-0.00352	0.983057
8.11	5.69	7.67	7.45	-0.26692	0.031121
8.24	7.23	7.71	7.16	-0.18341	0.353286
0.19	0.01	0.11	0.01	-1.54345	0.009051
7.35	6.94	8.33	7.72	-0.06061	0.730191
73.52	75.78	83.64	75.5	-0.07237	0.480886
14.16	6.78	9.83	8.54	-0.51272	1.12E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.03	2	3.02	3.48	-0.20568	0.358088
13.08	39.09	25.68	31.9	1.099127	4.18E-22
0	0	0	0	NA	NA
9.28	13.13	11.21	11.1	-0.06324	0.741372
137.02	135.61	135.47	137	-0.05156	0.580841
0.04	0.08	0.15	0.16	0.267612	0.719768
1149.46	1047.69	1157.85	983.84	-0.22303	0.019775
174.47	158.75	173.5	167.01	-0.22027	0.002673
20.63	15.73	17.38	15.38	-0.00573	0.973164
0	0	0	0	NA	NA
9.26	6.85	6.92	7.19	-0.51503	2.12E-05
45.77	17.54	27.68	24.47	-0.99106	8.25E-15
5.7	4.73	5.49	4.99	-0.04231	0.891048
7.46	9.36	9.62	9.67	0.214112	0.05871
18.67	6.14	13.78	12.33	-0.78918	0.043799
30.34	31.65	31.78	30.21	-0.01832	0.922287
61.92	72.36	59.32	70.8	0.341934	0.000139
1.56	0.22	0.52	0.33	-0.73225	0.123782
70.6	101.87	92.49	93.43	0.380029	4.10E-06
36.39	34.45	41.82	37.56	-0.015	0.921651
11	10.43	13.13	12.63	0.334836	0.005521
26.73	23.16	25.21	26.16	0.034249	0.832104
27.98	31.77	28.73	30.28	0.049064	0.720746
0	0	0	0	NA	NA
10.31	11.98	10.71	12.75	0.130219	0.325155
47.05	56.38	54.36	52.33	0.115609	0.329829
29.38	21.14	25.82	24.18	-0.3688	0.001309
18.74	18.15	15.93	19.66	0.001087	0.995704
0.02	0	0.03	0.02	NA	NA

195.06	79.88	96.35	88.51	-1.12539	7.33E-33
0.1	1.22	1.02	1.07	1.922704	6.79E-06
23.38	27.09	25.76	25.61	0.305678	0.013432
2.29	2.09	2.38	1.96	0.536056	0.039273
31.02	53.44	45.02	55.29	0.75433	1.34E-16
41.52	37.88	37.04	38.95	-0.18529	0.056076
5.05	6.5	6.56	6.17	0.029813	0.876951
1.32	1.03	0.42	2.11	0.190694	0.826158
108.55	85.64	86.8	89.37	-0.36248	6.09E-07
7.37	5.55	6.4	6.86	-0.35446	0.000429
1.34	1.72	1.33	1.01	0.47128	0.114969
18.13	15.5	11.7	12.83	-0.11305	0.400004
11.99	13.47	14.65	14.73	0.190577	0.197245
15.13	2.73	4.79	3.26	-1.90168	5.40E-27
0	0	0.04	0	NA	NA
21.43	6.27	9.01	5.64	-2.02647	2.72E-41
1.42	0.36	0.86	0.78	-0.84765	0.021019
19.36	14.12	14.12	12.35	-0.6002	8.31E-09
65.06	92.15	92.7	94.35	0.368028	1.45E-07
34.92	136.21	152.42	156	1.764362	7.52E-109
0	0	0	0	NA	NA
21.53	26.27	25.64	27.44	0.270405	0.000632
6.32	9.46	8.28	8.31	0.095422	0.629904
6.66	4.64	5.31	4.49	-0.46793	0.000231
7.48	4.43	5.76	4.19	-0.8283	3.49E-09
11.71	10.92	13.53	12.99	0.260482	0.018879
34.86	38.55	35.83	33.86	-0.06543	0.703123
7.47	9.21	8.03	9.09	0.114494	0.482947
0.09	0.14	0.09	0.22	0.124871	0.889947
12.82	11.41	12.43	14.75	-0.14423	0.318116
0.97	0.49	0.43	0.43	-1.18879	0.000242
211.11	175.35	200.7	198.13	-0.21452	0.021913
0	0	0	0	NA	NA
6.95	6.85	7.53	8.39	0.130773	0.343547
6.52	8.05	5.68	6.56	0.237009	0.321112
163.67	166.02	147.85	152.87	-0.19666	0.031562
5.92	9.26	8.55	8.53	0.370079	0.003411
24.29	25.8	26.34	25.06	0.199856	0.056421
0.97	4.48	3.52	2.74	0.40401	0.505452
0.04	0.02	0	0.1	NA	NA
24.51	30.69	23.5	27.58	0.016248	0.921986
32.65	42.34	39.24	33.23	0.092039	0.583184
0	0	0.01	0	NA	NA
8.91	9.98	9.01	8.04	0.010085	0.968986
2.25	0	0.04	0	-5.52313	4.02E-47

4.76	2.79	3	3.76	0.230162	0.396261
30.93	27.02	32.15	29.28	-0.13426	0.248874
17.88	18.26	17.18	17.58	-0.05752	0.696368
10.94	11.79	12.51	14	-0.05454	0.769317
11.75	17.28	17.33	20.12	0.429446	0.000292
0.03	0	0	0	NA	NA
4.85	3.11	3.45	3.21	-0.68086	7.79E-06
2.38	0.91	1.02	0.93	-1.66106	9.79E-09
2.54	3.26	2.94	3.39	0.356874	0.092111
8.85	10.55	10.19	9.36	0.0654	0.748853
0	0	0.15	0.02	NA	NA
8.03	2.69	4.27	3.92	-1.1022	4.60E-12
0.35	0.71	1.25	0.81	1.304418	0.006363
9.45	17.02	14.58	15.82	0.652712	4.71E-08
0.77	2.19	1.98	1.81	1.015486	3.42E-07
7.12	3.74	4.95	5.4	-0.5765	0.002066
45.9	44.44	45.53	44.57	-0.03285	0.80335
73.23	67.14	66.69	67.36	-0.13407	0.176064
0.05	0	0	0	NA	NA
2.53	1.69	1.94	2.38	-0.22682	0.467135
14.16	11.92	16.28	16.65	0.052392	0.684379
0.24	0.18	0.16	0.14	-1.08436	0.038465
5.21	4.94	5.58	5.89	-0.07292	0.660676
54.66	33.97	40.72	39.27	-0.4714	3.66E-07
0	0	0	0	NA	NA
0	0.49	0.69	0.57	1.801291	0.001289
0	0	0	0	NA	NA
4.8	403.16	93.09	222.81	4.04972	7.46E-19
27.55	19.96	18.18	20.69	-0.36971	9.89E-05
5.5	6.76	6.79	5.78	0.066843	0.809404
3.64	4.71	4.91	5.29	0.477061	0.001088
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
2.88	0.61	0.64	1.03	-2.13529	1.95E-44
77.05	91.23	94.95	87.79	0.194913	0.019786
16.42	15.05	14.58	13.89	-0.21389	0.033618
5.66	7.38	7.73	7.48	0.29188	0.025102
12.6	14.55	14.97	14.78	0.214441	0.05133
38.43	36.95	39.17	36.63	0.081848	0.610746
16.25	33.52	30.16	30.23	0.792971	2.08E-22
55.48	46.91	55.59	46.04	-0.26032	0.044387
0	0	0.11	0	NA	NA
18.33	20.67	21.71	20.58	0.069964	0.636669
7.26	6.99	6.44	6.3	-0.0771	0.743262
0.02	0.02	0.01	0.01	NA	NA

0.43	0.08	0.3	0.22	-0.58892	0.400538
39.45	60.26	57.37	57.3	0.289154	0.006282
16.25	11.58	12.8	13.26	0.155208	0.176848
0.52	0.98	0.77	1	1.135401	0.000349
118.89	125.54	162.07	154.38	0.241381	0.074393
8.75	29.54	16.46	24.17	1.522678	5.90E-09
21.97	41.18	39.71	38.37	0.812312	7.18E-21
13.13	12	11.24	11.74	-0.29604	0.142212
8.29	6.09	5.99	7.03	-0.07189	0.626917
11.31	13.33	9.97	12.05	0.297482	0.015187
4.62	4.82	4.83	4.38	0.02771	0.916101
30.55	25.79	27.97	25.39	-0.18313	0.07457
0.41	0.51	0.55	0.87	0.306251	0.538624
35.23	57.6	48.56	52.13	0.620511	6.80E-10
24.89	22.72	21.6	24.8	-0.19939	0.040164
0.01	0	0.04	0	NA	NA
9.88	8.87	8.89	10.22	-0.13982	0.173794
0	0	0	0	NA	NA
882.17	785.26	997.68	943.01	-0.07146	0.627366
0	0	0	0	NA	NA
113.71	190.48	164.44	175.24	0.524953	8.74E-09
2.49	5.83	3.85	4.55	0.762413	4.97E-05
10.17	10.77	9.8	10.43	0.015141	0.953105
8.1	11.95	9.24	11.73	0.477198	8.57E-05
0	0	0.12	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0.05	0.09	NA	NA
6.59	7.61	8.2	6.45	0.134857	0.577772
1.99	1.64	1.76	1.36	-0.33953	0.427643
62.52	54.31	54.72	51.47	-0.27561	0.013722
30.24	32.41	29.28	32.92	0.018165	0.894407
14.04	12.56	12.56	13.33	-0.35794	0.057898
1.41	3.89	5.42	4.27	1.555667	8.53E-21
0.18	0.24	0.25	0.17	0.547013	0.40629
149.69	152.82	168.88	183.69	0.239513	0.007346
6.5	7.12	9.93	7.88	-0.06868	0.744989
27.09	21.59	21.86	18.67	-0.33676	0.004264
5.93	10.61	10.3	10.63	0.688396	6.05E-09
0.55	1.34	1.4	1.17	0.98539	6.81E-07
0	0	0	0	NA	NA
19.68	26.27	23.18	28.67	0.350688	0.000202
5.78	7.13	5.47	4.42	-0.10122	0.708328
16.99	14.13	20.11	20.95	0.110649	0.621469
0.38	0	0.1	0.21	-1.6185	0.003994

0	0	0	0	NA	NA
10.42	5.98	8.24	7.04	-0.69062	3.20E-09
11.1	10.9	10.83	9.73	-0.14891	0.324944
6.01	4.93	5.35	5.13	-0.19647	0.117752
30.69	36.45	33.03	35.59	0.119448	0.283694
321.2	214.31	255.33	229.49	-0.46809	1.37E-08
50.87	113.87	101.33	115.01	1.077382	1.96E-45
21.36	35.03	33.01	37.6	0.768042	9.48E-22
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
11.25	13.46	15.5	15.44	0.325846	0.000373
13.2	16.31	14.97	14.47	0.065882	0.564687
49.69	52.05	56.78	53.09	0.101958	0.329405
1722.79	816.24	1062.08	920.12	-1.00354	3.77E-26
1.27	1.36	1.12	0.97	-0.28919	0.228419
9.62	19.04	15.65	21.86	1.269635	5.73E-29
0	0	0	0	NA	NA
0.49	0.54	0.49	0.6	-0.29873	0.579413
25.08	21.25	20.76	21.38	-0.11635	0.324048
140.49	175.97	171.36	167.77	0.138768	0.106367
24.17	35.32	22.68	30.1	0.454916	0.002504
4.36	4.71	5.54	4.99	0.022833	0.921731
12.94	15.47	13.32	14.53	0.114177	0.403801
0.09	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
18.93	14.67	18.32	16.91	-0.12249	0.551069
11.38	8.25	8.6	8.74	-0.48557	1.78E-05
14.19	12.61	15.38	13.15	-0.1591	0.255177
6.64	3.35	4.32	3.7	-0.77372	1.06E-08
108.12	79.1	85.46	79.61	-0.48303	2.12E-08
26.99	21.7	24.13	26.99	-0.05364	0.764511
20.71	9.29	10.78	10.5	-0.47555	2.70E-07
20.43	24.16	20.52	22.79	0.191284	0.065458
14.4	14.43	14.09	15	-0.04875	0.722504
13.04	9.44	11.59	9.71	-0.00351	0.988237
9.56	6.37	7.04	6.42	-0.45586	0.002764
1.29	0.76	0.82	0.97	-0.95332	0.003588
8.61	8.23	9.05	9.54	-0.01971	0.930024
2.47	0.68	1.81	0.86	-1.60007	4.37E-11
1.69	1.37	1.63	1.76	-0.37577	0.075989
6.41	12.19	11.01	11.27	0.846782	6.49E-19
1.16	1.21	0.63	1.32	-0.08358	0.866409
54.75	16.07	23.17	19.21	-1.46651	8.74E-39
0.55	1	0.98	0.68	0.645491	0.285493

2.85	1.63	1.43	1.36	-0.86579	8.91E-07
16.37	18.63	21.17	20.05	0.057538	0.738925
0.41	0.69	2.49	0.54	0.417202	0.171615
1.98	1.6	1.83	2.77	-0.22333	0.399821
4.57	6.67	5.78	8.43	0.463826	0.048909
38.77	21.53	24.62	21.91	-0.70908	4.09E-14
0.66	0.37	0.17	0.45	-0.14388	0.843986
0	0	0	0	NA	NA
1.07	0.3	0.21	0.2	-1.04874	0.000983
0	0.01	0.01	0	NA	NA
0.49	2.11	1.66	2.08	1.647245	3.59E-09
12.56	12.97	12.51	13.21	-0.03117	0.859273
20.98	22.85	22.95	23.34	0.128109	0.303435
14.96	22.63	20.58	23.56	0.500728	3.27E-05
10.84	12.93	12.93	12.57	0.177837	0.151723
0	0	0	0	NA	NA
5.45	7.54	5.54	9.58	0.210473	0.122345
0.2	0.02	0.11	0.03	0.019515	0.984835
0	0	0.05	0	NA	NA
5.24	2.75	2.37	2.36	-0.65874	0.001089
23.55	27.25	26.14	22.55	-0.07203	0.515404
40.59	53.43	49.17	45.69	0.304573	0.000311
14.9	64.01	42.77	56.63	1.90563	5.94E-48
2.56	2.12	1.93	2.06	-0.28403	0.540395
14.8	3.67	6.05	6.93	-1.40867	3.17E-18
71.9	116.29	96.15	97.76	0.550172	1.35E-08
18.23	26.82	27.4	23.37	0.257797	0.004239
41.21	99.54	87.39	99.41	1.149879	3.29E-35
28.08	20.15	25.33	22.27	-0.34502	0.000258
0.09	0.23	0.36	0.34	0.802408	0.132181
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
13.44	12.89	14.98	14.02	-0.15491	0.364486
0	0	0	0	NA	NA
6.87	7.72	7.87	9.71	0.079434	0.792039
59.1	46.3	53.84	50.56	-0.27991	0.001735
0.41	1.32	1.1	1.37	0.882107	0.009215
11.06	11.78	10.69	12.4	-0.08624	0.632286
9.79	9.83	9.84	10.58	0.139782	0.542757
9.12	14.89	12.04	13.34	0.46552	0.005568
0	0	0	0	NA	NA
7.45	6.87	5.84	6.87	-0.38006	0.005086
0.04	0.02	0.01	0.16	NA	NA
218.27	260.75	239.6	240.14	0.131507	0.171219
12.45	18.73	16.28	20.24	0.558251	1.66E-05

0.28	0.1	0.04	0.02	-1.41138	0.014336
6.55	5.18	5.54	5.68	-0.27761	0.023323
12.63	10.51	9.64	9.82	-0.4395	0.000197
30.67	38.56	35.61	37.33	0.203808	0.059813
88.49	73.43	87.71	92.32	-0.08575	0.366897
0	0	0	0	NA	NA
0	0	0	0	NA	NA
673.24	111.25	178.23	144.82	-2.20317	4.55E-67
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
1.24	0.81	1.51	1.11	-0.613	0.034606
8.31	6.22	5.83	7.44	-0.20478	0.217189
0.93	0.16	0.34	0.12	-1.25147	0.006402
22.44	34	28.27	29.89	0.168039	0.207379
8.66	5.53	6.55	7.33	-0.36579	0.031317
0.65	0.72	0.83	0.51	-0.06457	0.91804
237.61	250.28	253.59	238.59	0.068523	0.501186
0.23	0.56	0.26	0.16	0.519074	0.326999
4.07	4.57	4.91	3.65	-0.0663	0.754901
24.76	38.01	33.93	36.43	0.295762	0.007067
20.2	23.97	22.82	28.32	0.402629	5.84E-05
0.99	1.77	1.03	1.8	0.277175	0.251257
8.91	5.74	8.9	8.61	-0.1365	0.514027
15.48	16.41	15.05	15.18	-0.05248	0.73195
11.41	41.19	31.76	35.49	1.577133	2.52E-54
0.02	0.11	0.05	0.04	0.30864	0.703755
39.49	37.36	38.11	37.16	-0.00176	0.992041
4.12	3.37	4.02	4.51	0.067247	0.865219
0	0	0	0	NA	NA
131.41	177.15	171.48	176.18	0.291386	0.0001
0	0	0	0	NA	NA
5.91	0.46	1.4	1.16	-2.44503	3.34E-21
11.33	9.97	12.18	10.23	-0.26023	0.049891
2.62	1.71	1.99	1.84	-0.35364	0.289947
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.83	0.34	0.61	0.39	-0.25006	0.737655
44.59	41.22	42.43	41.83	-0.06249	0.572396
42.68	38.96	40.42	37.6	-0.22965	0.033295
22.88	19.9	23.71	23.82	-0.07901	0.465679
4.38	2.98	2.68	3.86	-0.1553	0.376931
6.65	5.65	5.89	6.83	-0.04218	0.807248
0.04	0.13	0.26	0.2	1.142559	0.06051
13.37	14.18	15.82	16.17	0.161409	0.138439

0.62	0.53	0.87	0.71	-0.19436	0.801079
12.6	20.77	17.7	18.77	0.738009	7.38E-13
183.26	227.84	227.26	233.01	0.169599	0.027322
0.38	0.36	0.35	0.8	-0.52185	0.372435
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
27.18	24.48	24.52	25.54	-0.04918	0.709206
7.6	5.39	5.03	4.61	-0.63116	0.000311
0	0	0	0	NA	NA
1.88	0.22	0.17	0.18	-3.61889	5.46E-36
0.02	0	0	0	NA	NA
12.12	9.76	10.9	9.9	-0.11783	0.565161
30.95	27.36	31.49	29.98	-0.11614	0.476361
5.45	3.82	4.74	4.45	-0.15715	0.363059
0.72	0.96	0.55	1.06	1.891085	7.10E-06
65.59	72.43	73.15	72.35	0.085587	0.370274
75.26	9.29	17.48	13.6	-2.46762	2.56E-55
0.33	0.46	0.33	0.17	-0.25264	0.762437
17.43	11.98	12.39	11.2	-0.54687	7.93E-06
43.52	112.17	85.2	111.12	1.11134	6.61E-31
4.88	6.7	8.55	7.71	0.308932	0.022792
71.72	56.21	63.16	67.57	-0.088	0.405764
0.43	1.97	1.02	1.73	1.184654	0.000335
0.7	0.88	1.04	0.69	-0.55809	0.110986
0.41	0.37	0.35	0.32	-0.19294	0.791918
4.16	5.01	4.09	6	0.062941	0.761728
0	0	0	0	NA	NA
29.48	23.39	24.45	29.26	-0.20008	0.027299
1.5	2.18	2.04	1.3	-0.16088	0.742403
66.14	46.4	42.09	44.51	-0.50538	4.37E-08
12.54	9	9.9	9.12	-0.54793	0.008794
2.6	2.58	2.28	3.91	0.01215	0.959922
0	0	0	0	NA	NA
10.78	10.19	10.19	10.47	0.064486	0.81891
0	0	0	0	NA	NA
8.88	6.79	8.37	8.15	-0.29193	0.014759
32.6	37.01	39.25	37.68	0.207814	0.030556
34.01	29.82	31.41	30.34	-0.06135	0.622344
39.18	44.95	42.1	45.8	0.124289	0.255153
116	34.49	49.33	42.76	-1.27358	3.41E-20
0.02	0	0	0	NA	NA
20.44	5.99	10.69	6.81	-1.60856	1.99E-35
31.96	25.76	24.19	24.94	-0.21004	0.068536
12.64	12.6	14.17	13.46	-0.06057	0.737889
25.27	36.32	38.65	32.5	0.263693	0.005253

0.03	0.02	0.05	0 NA	NA
2.12	1.28	0.68	1.36 -0.59116	0.03899
0.02	0.08	0	0 NA	NA
22.22	26.02	21.1	21.65 0.11092	0.448395
5.04	3.92	5.99	4.7 -0.06535	0.650209
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
1.55	1.53	1.16	0.73 -0.41933	0.055013
5.17	6.09	6.28	6.32 0.343478	0.000767
20.52	33.48	27.07	27.93 0.534616	3.41E-06
3.1	0.97	1.3	1.15 -1.59308	6.49E-24
41.83	27.37	30.99	29.83 -0.6882	7.79E-18
0	0.06	0	0.09 NA	NA
14.41	9.28	11.1	10.6 -0.51396	4.36E-05
4.3	4.43	3.91	4.44 -0.40131	0.038905
0.04	0	0	0.03 NA	NA
2.58	3.83	3.44	3.87 0.177249	0.376582
18.6	21.66	22.23	22.12 0.072669	0.488156
15.54	10.08	11.01	9.57 -0.43215	0.001256
0	0	0	0 NA	NA
0.15	0.11	0	0.05 NA	NA
0	0.12	0	0.08 NA	NA
8.42	9.81	8.54	8.36 0.018994	0.928303
22.23	29.22	25.88	27.24 0.215727	0.031643
13.04	19.55	20.67	24.42 0.776512	1.46E-13
32.12	58.56	58.81	67.06 0.77218	3.99E-14
8.76	5.8	5.51	4.4 -0.63266	0.000335
136.77	144.12	142.06	141.36 0.056873	0.55316
1.11	1	1.03	1.19 -0.21977	0.451545
34.08	50.72	41.66	49.82 0.444943	1.85E-05
1.23	3.68	2.67	4.48 1.133521	7.55E-06
0	0	0	0 NA	NA
5.83	3.92	6.72	4.26 -0.43921	0.071885
0.42	0.59	0.29	0.21 -0.81593	0.111054
4.64	4.22	4.13	4.84 0.025328	0.902801
5.82	4.75	4.39	4.6 0.272276	0.163163
2.87	2.04	2.22	2.05 -0.30414	0.083783
10.44	228.49	89.11	142.2 3.427274	2.68E-20
0.64	0.38	0.57	0.65 0.203704	0.812564
25.48	8.67	11.1	10.86 -1.35711	5.22E-46
1.27	11.6	6.05	6.52 2.435094	1.55E-24
37.88	52.46	47.04	52.85 0.57607	4.90E-06
0	0.01	0.04	0.01 NA	NA
0.03	0.07	0.04	0.06 0.76463	0.248001
50.21	50.52	49.12	52.34 0.00257	0.988102

7.86	6.57	8.64	6.52	-0.19951	0.171146
3.18	2.67	1.57	1.03	-0.52848	0.111448
3.09	1.4	1.39	1.56	-0.29674	0.332469
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.02	0.02	0	NA	NA
13.99	21.35	20.02	19.61	0.324793	0.007684
6.31	2.74	3.42	2.57	-1.23338	7.73E-16
9.36	4.22	6.04	5.47	-0.87612	5.77E-13
3.33	2.51	4.3	2.21	-0.03783	0.888663
0	0	0	0	NA	NA
2.55	2.21	2.8	1.75	0.0624	0.880476
5.63	6.41	6.53	5.87	-0.15003	0.475722
11.11	14.42	11.96	14.46	0.267751	0.177179
9.04	8.33	9.77	9.97	-0.13695	0.340693
32.8	38.54	32.84	37.14	-0.03079	0.850235
0	0.01	0.01	0.04	NA	NA
1.31	2	1.27	1.7	0.647044	0.026867
0.1	0.27	0.25	0.13	0.326752	0.661482
0.33	0.13	0.3	0.11	-1.0537	0.038353
1.98	1.86	2.31	1.78	-0.20711	0.378774
20.42	20.61	20.98	17.36	0.133576	0.550537
2.01	2.61	2.38	2.35	-0.1672	0.435245
3.25	1.61	3.59	2.6	-0.64322	0.001076
0	0	0	0	NA	NA
14.69	8.32	11.97	10.48	-0.7222	3.42E-06
12.18	11.86	9.52	11.82	-0.1945	0.234874
0.4	0.16	0.27	0.34	-0.22381	0.737009
1.06	0.33	0.43	0.37	-0.35729	0.567686
22.83	18.2	13.8	15.22	-0.76759	2.54E-14
130.23	191.42	156.82	170.42	0.426192	2.40E-06
0	0.02	0.02	0.01	NA	NA
0.95	0.87	0.7	1.61	0.018879	0.980125
9.33	13.43	10.93	12.63	0.251945	0.082793
6.47	4.45	5.13	4.71	0.004709	0.986644
7.91	6.56	7.1	8.45	0.085187	0.631181
2.7	2.82	2.77	2.52	0.179471	0.422205
0	0.01	0.01	0	NA	NA
5.03	6.64	4.05	5.84	0.154265	0.534445
2.6	5.28	2.4	4.03	0.508593	0.018856
3.91	4.15	4.45	5.69	0.138406	0.480681
1.12	0.42	0.96	0.82	-0.45468	0.322715
2.57	3.28	4.31	3.57	-0.02652	0.941496
7.82	2.74	4.27	3.2	-1.07962	3.94E-12
16.68	20.16	17.55	16.23	0.021379	0.94163

3.16	3.51	3.63	3.37	0.037579	0.85878
0	0	0	0	NA	NA
214.36	286.65	261.85	303.06	0.420532	2.80E-07
0.29	0.01	0	0.03	-1.31332	0.029691
22.86	17.1	17.53	19.76	-0.23529	0.015742
254.71	362.19	388.32	385.17	0.540396	1.31E-13
9.06	9.45	8.95	9.49	0.007477	0.961482
34.9	33.92	32.97	31.12	-0.17967	0.047298
0	0	0	0	NA	NA
29.06	37.34	32.6	33.96	0.387964	0.00065
2.05	0.25	0.71	0.45	-2.10084	1.06E-18
3.39	3.46	3.38	3.31	0.122644	0.58687
7.62	4.64	5.97	5.45	-0.77808	3.74E-10
13.8	14.94	17.01	15.95	0.07993	0.602483
10.02	4.66	6.05	4.45	-0.84978	4.96E-07
6.39	7.53	7.38	8.33	0.188679	0.086435
6.6	15.06	10.26	12.21	0.692341	2.36E-09
11.51	6.48	6.49	8.52	-0.68456	1.03E-09
0.12	0	0	0	NA	NA
51.03	50.54	52.03	53.38	0.06332	0.538388
343.99	383.49	407.69	418	0.136324	0.140343
2.07	1.2	1.12	0.62	-0.93718	0.010496
13.89	14.43	13.53	11.37	-0.21348	0.38904
9.14	11.55	11.44	10.34	0.349554	0.002034
6.07	4.57	4.88	5.3	-0.18525	0.435587
5.55	6.43	5.73	5.35	0.08222	0.712611
0	0	0	0	NA	NA
1.5	1.44	1.4	1.92	0.188454	0.561469
8.55	9.27	9.25	8.09	0.239729	0.062061
11	13	13.21	9.67	-0.10659	0.527967
10.34	7.91	11.73	6.69	-0.33589	0.04651
0	0	0	0	NA	NA
11.64	27.31	18.73	24.38	0.907284	2.08E-14
2.17	1.63	2.12	1.92	-0.38217	0.355144
4.82	4.23	4.06	3.64	-0.09019	0.703062
2.31	1.63	2.01	2.15	-0.21833	0.568207
2.58	2.2	1.95	2.32	-0.20789	0.456966
1.46	2.53	2.43	2.74	-0.11466	0.791573
6.15	6.74	6.2	7.33	0.020366	0.93583
3.85	4.02	3.25	4.52	0.137635	0.427292
581.05	509.38	511.1	481.66	-0.2881	0.000181
27.96	45.16	43.7	50.05	0.802466	7.49E-26
20.81	23.22	22.59	25.26	0.081356	0.54214
19.25	19.59	19.21	16.32	0.113321	0.52693
8.56	9.25	8.6	7.94	0.070607	0.717052

20.15	21.36	21.26	21.31	-0.02001	0.921012
15.65	17.88	15.67	15.49	0.051141	0.747737
20.46	22.59	24.65	21.98	0.093401	0.441553
7.93	9.23	9.59	9.56	0.12814	0.37306
7.55	8.24	8.2	9.36	0.563601	5.24E-08
0.11	0.09	0.02	0.01	NA	NA
16.1	19.78	18.19	22.08	0.467518	3.06E-07
216.11	230.7	230.96	220.15	-0.05013	0.668551
332.15	484.5	440.4	461.79	0.455904	2.83E-10
3.03	2.56	2.72	2.82	-0.20057	0.336998
0	0	0.04	0	NA	NA
16.14	19.21	20.31	20.67	0.351737	0.000281
86.36	113.14	103.14	101.4	0.179521	0.072044
0.07	0.21	0.14	0.22	1.204902	0.052038
133.3	279.73	244.7	283.1	0.889191	4.62E-26
24.43	23.22	23.22	24.11	-0.09109	0.36572
0	0.01	0	0.03	NA	NA
8.51	5.17	5.74	5.76	-0.48939	1.11E-05
14.09	9.32	9.89	9.97	-0.50514	2.15E-05
0.26	1.53	0.78	1.3	2.002793	2.02E-13
8	12.92	11.37	11.13	0.370259	0.000985
75.93	66.15	84.9	71.15	0.171017	0.069776
0.29	2.47	1.22	2.08	1.938623	2.17E-05
55.54	41.72	42.86	40.15	-0.50292	6.88E-11
17.5	15.28	14.86	16.33	-0.15403	0.286173
8.8	7.27	7.03	6.9	0.063022	0.693099
557.58	770.23	872.69	783.73	0.625094	3.85E-15
10.28	80.5	40.96	69.74	1.982496	2.38E-10
5.79	5.9	6.28	6.4	0.09892	0.554892
21.1	20.6	22.22	19.08	0.035613	0.779226
24.25	22.01	26.27	22.13	0.155016	0.502232
0	0	0.01	0	NA	NA
5.06	5.85	6.35	6.13	0.129848	0.53784
10.55	10.23	12.62	12.12	0.097002	0.504322
19.64	23.23	23.59	21.56	0.326424	0.007597
9.58	13.32	13.62	14.37	0.423831	0.000289
4.1	3.79	4.2	4.63	0.05597	0.806634
10.79	11.41	14.54	12.55	0.272349	0.066184
6.46	6.91	6.06	6.17	0.106808	0.555333
22.01	21.21	20.8	24.07	0.093421	0.433783
0.46	0.93	0.92	0.53	0.466379	0.373008
9.56	9.47	8.92	8.68	-0.05572	0.747622
7.23	12.83	8.71	9.44	0.269507	0.041647
1.61	5.83	1.79	4.02	1.307348	0.000751
0.25	0.05	0.15	0.02	-1.00446	0.090438

0.04	0	0.13	0.06	NA	NA
6.3	6.85	6.08	6.55	0.164027	0.350063
108.55	236.85	203.28	230.22	0.980362	2.03E-30
18.18	23.72	24.23	20.54	0.013105	0.93072
7.51	10.53	9.66	10.01	0.287528	0.036988
150.51	146.22	158.97	159.91	0.026281	0.811617
0.1	0.05	0.2	0.05	NA	NA
9.65	11.03	11.85	12.02	0.172958	0.243814
28.28	19.42	21.69	25.01	-0.40093	0.000203
0	0.41	0.01	0.02	NA	NA
25.45	13.25	21.6	15.95	-0.47177	3.09E-05
0.19	0.45	0.17	0.53	0.836804	0.13066
30.25	22.69	24.34	21.79	-0.35173	0.026021
9.52	8.94	9.89	9.24	-0.089	0.555761
7.22	11.56	8.94	11.12	0.284052	0.030966
11.28	9.94	13.7	12.47	-0.02156	0.88999
15.45	38.42	27.14	31.71	0.982673	4.66E-15
0.33	0.23	0.46	0.18	-0.13791	0.876113
13.53	13.32	11.97	13.73	-0.06727	0.631181
46.45	73.46	62.85	68.47	0.582424	1.09E-10
133.51	166.12	162.11	167.13	0.246204	0.001408
32.65	48.48	44.55	44.88	0.380562	0.000261
13.42	11.31	11.97	12.33	-0.16166	0.173353
0.24	0.22	0.16	0.04	-0.55225	0.431252
11.73	11.09	10.28	11.68	0.004547	0.986749
5.32	6.23	3.88	5.42	0.048384	0.840815
0	0	0	0	NA	NA
29.94	34.68	32.85	34.82	0.153167	0.135417
0	0	0	0	NA	NA
33.93	18.14	20.4	18.42	-0.67703	1.08E-12
0	0	0.02	0	NA	NA
19.01	13.69	17.82	14.61	-0.14143	0.364486
32.49	31.72	30.89	28.22	-0.01864	0.926196
0	0	0	0	NA	NA
9.16	7.03	8.19	7.53	-0.3984	0.001309
0	0	0	0	NA	NA
0.06	0.02	0.03	0.01	-1.17158	0.044331
17.78	15.67	19.51	18.7	-0.04242	0.800053
91.95	119.11	98.52	104.83	0.21347	0.089084
0.91	4.74	1.72	3.6	1.390763	4.56E-08
37.42	39.66	34.59	38.31	0.100372	0.49698
0.01	0.03	0.12	0.01	NA	NA
4.88	6.26	5.14	6.16	0.335154	0.027519
0	0.3	0.16	0.18	NA	NA
0.1	0.31	0.3	0.22	0.094083	0.919583

36.32	35.14	33.57	41.59	0.038218	0.745101
5.81	6.29	5.62	5.17	0.098363	0.644516
11.72	11.1	13.01	12.71	0.024953	0.907773
0	0	0	0	NA	NA
3.47	4.25	3.65	4.62	0.19906	0.463611
10.58	5.19	5.86	6.01	-0.41162	0.008101
14.57	16.36	15.85	16.49	-0.00557	0.975146
42.7	71.03	56.13	62.88	0.516764	4.89E-07
15.09	5.16	7.28	4.66	-1.48991	7.90E-16
55.52	28.21	35.23	31.16	-0.80655	4.96E-13
0	0.1	0.09	0.09	NA	NA
5021.83	3024.61	3739.11	3217.06	-0.63451	1.35E-12
25.27	24.43	25.53	24.82	0.040122	0.775927
118.23	112.02	109.45	112.6	-0.07065	0.584036
3.2	4.32	3.4	3.85	0.292056	0.147669
45.53	32.83	36.55	34.94	-0.63416	3.99E-10
39.17	24.27	28.76	29.17	-0.77229	2.04E-16
0	0	0	0	NA	NA
19.47	24.09	25.41	24.8	0.265065	0.005164
13.22	14.73	12.74	13.4	-0.03083	0.879254
57.85	65.11	61.04	64.68	0.260486	0.01389
13.58	14.27	13.76	11.79	-0.15892	0.310278
0.44	1.19	0.89	0.85	0.701002	0.149198
3859.86	4839.48	5074.85	5111.56	0.244824	0.000184
0.6	1.01	1.81	1.82	0.694461	0.297933
16.53	20.23	23.19	18.55	0.524455	5.36E-06
0.02	0.13	0.03	0.06	NA	NA
10.53	15.97	14.81	14.89	0.326216	0.020336
13.63	12.78	14.2	16.59	-0.16896	0.171754
10.04	10.54	11.16	11.38	0.06593	0.665462
64.3	56.68	63.99	63.3	-0.22089	0.008409
1.52	0.98	1.56	0.88	-0.42553	0.072419
5.7	2.09	3.03	3.56	-1.23958	5.49E-18
60.78	87.09	71.63	62.96	0.235415	0.060722
105.44	35.35	42.18	42.06	-1.49512	1.56E-69
3.56	4.75	4.37	6.88	0.387485	0.011865
55.6	65.58	67.59	64.94	0.127277	0.164258
6.46	8.24	7.45	7.33	0.413744	0.001544
455.55	384.15	444.46	400.95	-0.30938	7.02E-06
16.77	21.4	19.34	21.57	0.356924	0.000689
0.97	67.41	22.38	43.96	3.774493	1.70E-17
0	0	0	0	NA	NA
27.01	33.59	31.71	30.1	0.231392	0.118279
0	0	0	0	NA	NA
0.69	1.1	0.97	0.85	0.649576	0.144756

0.28	0.1	0.29	0.14	-1.09897	0.032633
9.91	8.29	9.42	8.51	-0.22774	0.280278
55.3	28.72	43.05	28.16	-0.59874	0.002474
4.76	2.56	2.76	3.33	-0.77638	2.11E-05
4.7	5.49	4.97	5.48	-0.01063	0.972078
0.11	0.08	0.04	0 NA	NA	
3.73	3.44	3.34	2.8	-0.2012	0.461301
12.34	16.55	15.32	16.85	0.162204	0.252381
0	0	0	0.02 NA	NA	
9.79	7.09	4.23	6.49	-0.12696	0.524726
16.33	18.36	23.77	23.42	0.31837	0.001761
75.79	81.36	77.54	80.51	-0.08569	0.430701
22.86	22.04	22.35	23.44	-0.07223	0.528371
33.57	14.66	19	18.54	-0.9431	1.21E-19
21.55	34.56	31.17	32.41	0.572208	8.75E-09
0.37	0.4	0.4	0.42	-0.27303	0.569536
0.08	0.14	0.03	0.06	-0.43951	0.561886
2.21	1.16	1.73	1.25	-0.75081	0.001102
14.88	4.1	7.45	7.13	-1.12649	0.002551
6.28	5.17	5.67	5.14	-0.17564	0.44099
32.04	24.1	25.48	23.9	-0.3976	3.48E-05
0.06	0.01	0.06	0.06 NA	NA	
13.62	11.42	12.52	10.43	-0.56997	1.85E-06
72.27	53.69	55.52	61.68	-0.06969	0.595137
3.34	4.42	3.66	4.41	0.293172	0.24026
0.87	0.33	0.53	0.51	-0.82176	0.000706
11.6	11.45	11.81	13.14	0.007728	0.972956
18.23	20.79	21.76	21.15	0.16367	0.239387
0	0	0	0 NA	NA	
2.58	3.04	2.73	2.35	-0.09755	0.868021
0.33	0.11	0.16	0.22	-0.72504	0.199168
14.06	23.16	20.27	21.85	0.514423	3.98E-05
0	0	0	0 NA	NA	
5.07	3.01	3.29	4.07	-0.41737	0.030845
33.5	42.33	43.26	42.89	0.398154	9.97E-08
11.37	71.03	40.29	52.12	2.061525	9.27E-17
0	0	0	0 NA	NA	
205.84	228.18	220.68	206.24	0.022515	0.852782
26.48	44.95	38.78	44.91	0.483595	5.33E-07
1.61	2.22	1.61	2.1	0.448247	0.102826
6.09	4.47	4.71	4.68	-0.35393	0.002411
4.81	4.34	4.37	4.36	-0.16248	0.387812
0.09	0.7	0.32	0.58	0.662202	0.28991
1.56	0.18	0.66	0.48	-1.69551	2.36E-06
13.65	14.83	14.97	14.72	0.092472	0.325276

2.36	4.75	3.48	4.36	0.737382	7.66E-06
0	0	0	0.12	NA	NA
33.83	39.89	39.68	38.71	0.120467	0.217023
8.89	7.43	6.01	6.95	-0.34848	0.025159
193.6	227.44	227.34	222	0.163883	0.067325
0	0	0	0	NA	NA
36.46	29.31	28.42	26.54	-0.36242	0.00041
756.06	656.55	704.05	612.43	-0.22137	0.010117
0.11	0	0.07	0	NA	NA
11.55	15.66	16.08	14.97	0.31567	0.028045
0.48	0.24	0.19	0.26	-0.7613	0.107889
5.88	7.06	6.94	6.34	0.138177	0.469079
6.47	8.4	8.58	7.95	0.255507	0.072419
35.46	40.94	41.36	39.43	0.04014	0.76132
6.38	7.48	6.42	6.48	0.212508	0.080962
13.15	7.27	9.08	8.52	-0.74089	2.73E-09
56.01	58.01	52.02	50.87	-0.03054	0.841253
0.83	1.26	0.92	1.06	0.025269	0.959338
5.8	7.87	8.78	8.68	0.338687	0.01323
0	0.04	0.11	0.12	NA	NA
0	0.02	0	0	NA	NA
2.62	1.43	2.44	2.74	-0.22786	0.515404
2.99	5.28	5.24	8.26	0.628116	0.022707
14.51	17.17	15.19	19.53	0.116269	0.277346
1694.24	1443.72	1521.29	1403.24	-0.30074	3.74E-05
69.65	47.98	46.91	50.2	-0.56105	7.56E-13
0.91	1.68	0.74	1.01	0.028788	0.968828
0	0	0	0.02	NA	NA
2.86	1.61	2.37	1.47	-0.79787	1.67E-06
3	4.81	4.32	5.12	0.624368	0.000827
0.43	1.09	0.95	1.07	1.124308	0.002112
105.18	102.15	96.16	93.87	-0.06539	0.54329
2.7	1.42	1.45	1.24	-0.74029	0.000949
6.79	7.73	8.01	7.15	0.090636	0.598375
93.17	78.28	84.52	79.78	-0.24373	0.006008
0	0.01	0	0	NA	NA
45.79	58.95	56.43	57.45	0.070592	0.515825
37.39	37.73	39.84	35.59	0.002248	0.990306
93.26	184.01	143.87	164.79	0.676243	1.01E-10
14.93	10.73	10.36	12.46	-0.14926	0.332137
33.18	65.42	47.21	61.12	0.595758	1.82E-08
0.32	0.11	0	0.12	NA	NA
45.56	26.61	36.25	32.25	-0.50325	2.69E-07
11.36	10.79	11.02	11.87	-0.2555	0.089877
1.09	0.91	1.46	1.83	-0.31456	0.592303

0	0	0	0	NA	NA
235.29	299.38	304.93	299.59	0.282533	7.08E-05
4.25	4.06	4.58	4.72	-0.03544	0.907869
4.75	5.48	5.94	5.5	0.085624	0.725984
0.37	0.23	0.73	0.52	-0.34744	0.615027
0.05	0.02	0.03	0.09	NA	NA
90.1	100.1	95.78	98.5	0.000447	0.997502
0.93	0.31	0.49	0.52	-0.87564	0.008518
75.11	76.6	78.49	84.71	0.12005	0.197962
4.59	4.34	4.35	4.12	4.12E-05	0.999852
12.48	19.27	17.52	20.74	0.184363	0.197255
0.51	0.38	0.34	1.08	-0.05554	0.94485
0.36	0.2	0.14	0.34	-0.968	0.053626
13.39	20.87	18.23	18.05	0.410168	0.000177
5.31	6.49	6.36	6.75	0.199994	0.111671
7.65	9.39	8.51	8.77	0.283046	0.006406
93.66	91.69	92.47	91.89	-0.33874	1.41E-05
72.11	32.06	45.69	36.79	-1.02543	9.14E-15
13.23	18.92	18.05	20.01	0.353147	0.000276
33.41	30.57	31.49	34.12	0.082487	0.524974
38.48	41.85	40.7	45.96	0.210212	0.029893
14.6	17.17	15.36	16.05	0.073603	0.627484
23.06	17.64	19.42	20.63	-0.3437	0.002927
0	0	0	0	NA	NA
91.1	77.55	85.09	88.23	-0.1347	0.248971
28.51	31.38	30.44	29.97	0.154739	0.373395
79.5	89.92	90.16	81.05	0.015098	0.941496
32.24	40.73	39.18	40.01	0.2643	0.006259
33.13	30.35	30.58	27.95	-0.08458	0.50955
39.18	110.63	86.99	101.76	1.294803	1.07E-42
25.26	29.44	28.1	31.47	0.044958	0.762739
6.61	11.36	9.81	13.02	0.769724	1.24E-16
0.45	0.53	0.57	0.55	0.23542	0.732003
0	0	0	0	NA	NA
13.04	19.58	16	17.25	0.294801	0.025445
3.54	2.6	4.02	3.08	-0.06633	0.842073
10.17	8.27	9.39	9.01	-0.0068	0.975618
52.68	49.92	53.88	46.91	-0.12495	0.26919
0	0	0	0.03	NA	NA
30.7	45.59	33.67	36.06	0.25379	0.064696
7.67	6.61	5.84	5.54	-0.48271	0.000263
0.09	0.04	0.13	0.07	NA	NA
0.83	0.59	0.77	0.88	-0.14807	0.760637
10.53	12.8	8.79	8.81	-0.03012	0.930842
20.53	20.23	18.97	17.73	-0.12966	0.264645

67.32	67.41	67.1	70.97	-0.08018	0.494193
4.84	5.01	3.56	4.23	-0.12944	0.482074
10.11	18.69	18.54	20.47	0.518598	5.98E-09
70.21	62.42	64.92	61.87	-0.20758	0.013284
0	0	0	0.02	NA	NA
3.56	1.76	2.64	1.75	-0.30456	0.426486
28.27	20.48	20.69	21.73	-0.32731	0.002696
20.04	20.25	19.61	19.6	-0.19798	0.05674
19.86	14.94	15.64	15.23	-0.48699	3.69E-06
10	11.23	11.79	12.05	0.072786	0.534258
67.74	49.16	52.99	51.28	-0.435	1.75E-09
95.04	129.14	132.56	139.26	0.441385	2.81E-10
0.1	0.22	0.11	0.1	-0.26356	0.712726
19.54	16.5	18.24	14.72	-0.37151	2.03E-05
15.88	9.18	10.42	9.35	-0.67315	2.93E-09
0.13	0.16	0.29	0.24	-0.1421	0.862624
10.92	27.79	14.8	21.45	0.704584	5.81E-05
4.65	3.34	3.14	3.49	-0.60507	9.62E-07
17.84	17.5	16.83	14.44	-0.25441	0.020367
3.52	2.75	2.9	3.08	0.247674	0.135575
0	0.04	0.08	0	NA	NA
114.21	37.47	62.72	55.16	-1.02746	1.32E-17
4.79	8.07	6.49	7.85	0.34893	0.078205
0.02	0.01	0.01	0	NA	NA
3.15	5.28	4.6	5.39	0.493325	0.003199
0.26	0.91	0.45	0.87	1.310141	0.009612
15.57	23.08	15.71	19.13	0.261689	0.02735
327.52	199.93	265.69	230.8	-0.48707	1.23E-06
0.06	0.19	0.37	0.14	0.766303	0.200836
0	0	0	0	NA	NA
23.75	26.65	23.56	29.73	0.105367	0.446537
6.04	4.21	3.93	4.03	-0.01362	0.947179
38.5	38.86	37.25	36.92	-0.01041	0.951277
0	0.07	0	0	NA	NA
0.04	0	0	0	NA	NA
22.15	29.6	26.63	25.84	0.382804	6.68E-05
5.19	10.99	9.98	9.38	1.285633	3.62E-34
1.97	0.64	1.28	2.39	-0.59455	0.07594
15.76	11.25	10.97	11.82	-0.51692	2.70E-09
0	0	0	0	NA	NA
21.08	21.22	20.57	19.5	-0.14082	0.314122
64.26	85.72	105.06	96.68	0.462071	3.39E-07
0.37	0.25	0.11	0.1	-0.54698	0.432449
63.87	67.58	65.63	65.11	0.012524	0.928606
1.58	1.05	1.35	1.61	-0.22577	0.589208

31.56	41.13	40.03	42.24	0.280454	0.003141
0	0	0	0	NA	NA
22.49	22.37	24.27	22.55	-0.05773	0.649335
0.3	1.01	0.51	0.65	0.84216	0.010716
36.38	52.05	46.63	46.43	0.222949	0.078754
3.29	3.49	3.14	4.76	0.026704	0.945943
6.2	3.91	4.66	5.23	-0.50432	4.72E-06
0	0	0	0	NA	NA
0.57	0	0	0	-1.51662	0.008221
7.75	5.79	7.09	7.25	-0.32043	0.066673
1.05	0.74	0.62	0.48	-0.30219	0.341072
2.89	5.69	5.93	5.91	1.225583	2.33E-14
0.9	0.52	0.92	0.57	-0.52196	0.226861
12.18	17.54	16.5	15.32	0.340774	0.016385
44.15	150	137.51	146.29	1.636822	2.47E-73
2148.07	313.68	675.17	486.48	-2.07249	6.35E-13
0	0	0	0	NA	NA
80.39	99.94	89.14	97.42	0.207982	0.035795
10.57	12.35	11.5	11.33	0.12206	0.535111
11.45	7.96	9.63	8.12	-0.38081	0.020386
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.03	0.85	0.82	0.6	-1.83532	3.52E-13
12.65	13.76	12.48	11.16	-0.11266	0.557135
3.52	4.54	4.76	5.27	0.247383	0.267265
12.15	19.27	15.75	13.33	0.238984	0.061286
22.75	24.73	24.34	25.44	-0.03866	0.807537
4.68	3.95	4.06	4.88	-0.01766	0.953687
46.64	45.86	44.32	54.37	0.075935	0.456167
118.34	149.99	159.42	146.79	0.268428	0.001088
0	0	0	0	NA	NA
23.6	22.93	23.55	23.68	0.02174	0.872237
36.97	33.36	31.67	35.77	-0.13881	0.232634
3.44	3.28	3.22	3.98	-0.01964	0.968491
0.68	0.09	0.75	0.62	-0.51518	0.422808
21.19	31.66	29.71	29.2	0.241219	0.041647
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	1.55	1.06	2.32	0.414845	0.114489
20.66	11.5	14.94	12.84	-0.38486	9.46E-05
3.73	2.71	2.88	3	-0.72946	0.000123
1.25	1.2	1.1	0.95	-0.1166	0.783496
3.04	2.69	1.98	3.4	-0.10744	0.813172
47.16	38.64	41.73	38.88	-0.27392	0.011856

1.56	1.73	1.51	1.47	-0.03814	0.917434
104.65	54.4	66.78	62.17	-0.92398	1.35E-21
1.13	0.26	0.32	0.29	-1.43059	0.000802
20.61	15.45	20.76	16.77	-0.26507	0.04416
1463.17	779.17	937.74	813.89	-0.7778	3.49E-20
6	5.4	5.24	5.93	-0.09403	0.490305
0.04	0.03	0.24	0.03	-0.1174	0.895299
0.03	0.15	0.08	0.11	0.142334	0.872872
5.1	6.59	8.25	5.24	0.155219	0.357527
1.88	0.81	0.74	1.19	-0.17444	0.725564
14.18	17.37	14.12	15.46	0.09437	0.585114
67.44	65.48	65.48	72.22	0.010915	0.932158
29.76	33.16	46.65	38.92	0.75856	4.83E-10
3.35	2.05	3.13	3.38	0.168516	0.479777
9.07	9.4	9.76	9.47	-0.06233	0.698705
0.17	0.53	0.32	0.47	0.104506	0.904541
114.89	104.44	113.94	102.94	-0.29945	0.001162
0.73	0.44	0.69	0.32	-0.795	0.04685
1.4	0.73	1.33	0.84	-0.62003	0.024347
0.04	0.19	0.21	0.16	0.844497	0.187834
34.31	30.26	31.95	29.71	-0.07916	0.581336
23.46	19.49	17.66	19.67	-0.19746	0.108655
26.24	28.02	24.84	24.91	-0.04341	0.762686
2.79	1.43	1.99	2.53	0.096155	0.789916
15.93	23.21	19.95	20.67	0.19726	0.117752
0	0	0	0	NA	NA
1.26	0.74	0.84	1.3	-0.0836	0.922915
0	0	0	0	NA	NA
0.3	1.07	1.51	0.86	1.069554	0.002532
4.31	5.34	4.81	5.49	0.316049	0.145067
9.33	7.11	8.88	8.82	-0.38543	0.003717
24.49	23.89	23.67	24.64	-0.17146	0.157444
11.67	8.81	8.87	9.31	-0.25392	0.00528
5.8	0.09	0.23	0	-1.68088	NA
6.7	12.58	9.75	11.96	0.685234	2.26E-08
5.65	2.96	3.92	3.38	-0.55533	0.000654
1.3	1.71	1.64	1.53	0.426142	0.030167
27.11	35.18	34.73	35.46	0.291038	0.011987
12.64	12.68	13	12.92	-0.23624	0.137197
0	0	0	0	NA	NA
58.08	79.49	74.08	81.05	0.417069	7.00E-08
0.08	0	0	0.01	-1.54204	0.008581
5.93	5.98	5.18	6.55	0.737031	0.000324
15.17	16.02	13.26	15.8	0.047898	0.787206
182.97	289.33	421.75	371.2	0.938196	9.90E-16

11.22	16.17	16.86	15.75	0.521084	3.43E-09
29.29	29.72	29.34	30.61	-0.09989	0.37916
0.02	0.22	0.09	0.15	0.191575	0.821404
19.02	28.85	21.86	21.88	0.273299	0.09804
11.07	4.04	5.21	4.86	-1.0974	1.91E-15
4.25	5.52	4.4	4.91	0.123805	0.596012
0	0	0	0	NA	NA
4.9	4.32	5.8	5.96	-0.11137	0.652879
3.51	0.97	1.7	1.54	-1.0429	9.57E-05
15.22	14.26	15.48	15.74	0.075111	0.559778
3.62	5.14	3.62	3.92	0.293648	0.113184
0.12	0	0.03	0.04	NA	NA
0.22	0.3	0.17	0.21	0.463558	0.526221
0.23	0.04	0.12	0.22	NA	NA
0	0	0	0	NA	NA
0.15	0.22	0.19	0.25	0.888115	0.103755
0.03	0	0.02	0	NA	NA
19.63	29.26	27.56	27.36	0.521016	1.20E-06
2.56	231.62	21.84	90.7	2.96876	4.29E-08
0	0	0	0	NA	NA
42.55	49.34	45.67	46.11	0.204093	0.019118
10.59	20.97	18.8	16.81	0.600663	0.000428
20.09	20.08	20.4	23.47	0.088595	0.598375
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
6.82	10.96	9.44	12.34	0.674616	7.59E-11
0.75	0.06	0.09	0.07	-1.72357	0.002801
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.12	0.8	1.25	1.24	-1.09307	8.02E-07
8.01	16.47	11.31	13.61	0.652756	1.25E-07
10.66	13.22	10.71	12.13	0.146464	0.218325
18.19	21.22	20.94	20.42	0.024251	0.919698
0	0	0	0	NA	NA
14.25	10.37	13.29	11.9	-0.37432	0.047206
25.54	20.04	24.22	28.06	-0.38334	0.000134
0	0	0	0	NA	NA
252.82	254.07	263.78	249.92	0.00117	0.99316
0	0	0	0	NA	NA
5.28	7.42	6.59	7.2	0.385592	0.000456
21.82	58.24	47.77	57.68	1.280394	1.68E-46
2.54	2.44	2.41	2.1	-0.03351	0.923329
7.27	7.72	8.07	8.11	0.049331	0.699298
5.13	7.25	6.35	6.32	0.245682	0.090285
46.45	51.8	53.45	48.72	0.062201	0.640682

6.05	5.27	4.9	5.18	-0.18016	0.387041
3.86	5.05	6.51	5.11	0.605278	6.16E-06
0.19	0.1	0.14	0.13	-0.32822	0.681184
42.99	95.09	78.39	95.27	1.036929	NA
15.88	13.21	12.89	11.59	-0.24792	0.132476
72.12	48.66	54.15	48.01	-0.49596	1.81E-08
1.98	0.93	0.92	1.07	-0.96652	9.57E-05
0.44	0.07	0.02	0.06	-1.78551	0.000688
4.97	10.17	9.24	9.95	0.9717	1.26E-17
148.12	307.76	432.1	405.02	1.394837	3.88E-37
17.38	28.93	28.13	29.15	0.611164	2.78E-07
3.47	1.47	1.68	1.65	-0.73952	4.64E-05
6.08	4.39	4.55	3.81	-0.66791	4.03E-08
45.94	55.45	51.03	49.7	0.277768	0.016789
113.18	371.16	243.34	317.54	1.430724	1.56E-10
0.81	0.59	0.42	0.59	-0.68284	0.189072
7.18	11.59	12.02	10.48	0.560232	0.000397
1.64	2.64	1.36	2.1	0.655243	0.049084
0.12	0	0.03	0.06	NA	NA
5.75	5.44	5.26	4.46	-0.31132	0.114402
26.43	19.35	21.17	20.96	-0.45677	5.52E-08
2.84	2.33	2.47	2.21	-0.29123	0.077297
8.75	11.46	10.84	11.65	0.307738	0.012477
15.13	19.69	17.5	17.7	0.251084	0.171822
19.6	31.47	26.92	30.3	0.520168	2.45E-09
9.3	8.8	10.52	9.6	-0.00899	0.958771
0.37	0.15	0.54	0.12	-0.13839	0.876492
106.33	139.03	112.1	119.47	0.140313	0.210544
6.98	10.82	10.47	9.13	0.380289	0.002726
0.74	0.64	0.33	0.6	-0.65098	0.072764
15.33	31.29	23.79	26.81	0.792004	1.27E-09
4.77	6.66	6.4	6.68	0.281979	0.017823
15.1	13.28	13.4	12.27	-0.25689	0.085207
0	0	0	0	NA	NA
0	0.06	0.1	0	NA	NA
164.29	156.58	143.85	141.55	-0.29488	0.000117
57.18	57.78	59.84	55.28	-0.1213	0.378466
1.19	2.48	3.07	3.92	0.85631	0.00083
0.03	0.13	0.08	0.07	-0.13657	0.873897
0	0	0	0	NA	NA
10	2.7	4.27	4.2	-1.38708	7.54E-20
0	0	0.04	0	NA	NA
42.73	46.81	52.15	50.17	0.179151	0.065777
20.61	22.84	19.48	20.36	-0.18311	0.24807
91.04	96.74	95.26	91	-0.02478	0.888664

50.7	55.81	47.55	47.9	-0.17026	0.198344
47.9	48.07	47.41	42.37	-0.13746	0.292242
19.81	24.47	21.6	25.45	0.03166	0.88368
10.71	13.17	14.38	11.91	0.358438	0.002017
0.09	0.1	0	0.03	NA	NA
10.68	12.53	10.66	11.54	0.137845	0.240462
124.14	99.78	95.19	99.28	-0.2642	0.001584
9.34	11.04	9.56	10.39	0.125551	0.44719
0.31	0.6	0.8	0.59	0.602768	0.146363
0	0	0	0	NA	NA
2.18	0.69	0.87	1.45	-0.55806	0.236703
7.8	6.98	7.01	6.97	0.119217	0.6621
15.68	8.35	12.01	10.98	-0.55605	0.000935
14.63	3.48	7.23	7.89	-1.418	1.82E-14
0.24	0.19	0.37	0.45	-0.28796	0.690157
0.47	0.47	0.39	0.37	-0.56402	0.284634
43.99	30.15	32.61	31.45	-0.56179	6.11E-12
5.22	4.64	3.93	4.24	-0.02236	0.942504
17.45	14.46	16.61	20.81	-0.19443	0.189903
28.71	35.63	36.31	35.36	0.202357	0.202132
24.45	27.71	26.98	31.04	0.102732	0.423213
14.72	13.13	13.72	14.04	-0.13282	0.375128
27.41	24.04	24.49	25.53	-0.16761	0.11533
0.3	10.5	3.66	7.82	3.774927	1.34E-18
15.16	15.35	18.99	15.13	-0.11898	0.377971
13.15	15.55	15.4	15.9	0.118134	0.286172
12.94	14.7	13.89	16.82	-0.05004	0.747468
5.56	2.69	5.47	3.49	-0.57501	0.009522
0.01	0	0.02	0	NA	NA
23.01	28.97	23.73	23.55	-0.0218	0.905823
3.39	1	1.75	1.02	-1.50911	2.40E-09
0.29	0.67	0.44	0.36	1.107905	0.075253
2.02	0.1	0.11	0.04	-3.82066	1.43E-23
29.31	19.64	21.94	22.4	-0.42878	2.78E-06
0.4	0.29	0.28	0.36	-0.2889	0.693614
65.59	59.86	67.93	61.33	-0.02262	0.9065
1.04	0.25	1.25	0.73	-0.27866	0.688044
0	0	0	0	NA	NA
11.69	9.06	10.79	10.44	-0.12128	0.334383
7.51	15.36	12.32	13.45	0.497696	0.001025
2.22	0.74	0.66	0.7	-1.58224	8.11E-12
19.78	40.08	36.21	39.31	0.299304	0.002414
20.87	15.76	16.5	18.75	-0.19587	0.189547
11.91	19.63	16.4	17.84	0.615919	2.61E-06
22.12	28.6	33.52	33.42	0.75997	1.23E-15

0	0	0	0	NA	NA
11.72	11.19	10.22	11.49	-0.14483	0.182049
15.84	14.39	12.95	13.21	-0.2494	0.029189
0.08	0.04	0.04	0.05	NA	NA
1.86	3.51	2.78	2.67	1.098363	1.49E-08
52.23	44.78	50.77	47.69	-0.05726	0.712991
31.06	32.52	36.57	35.93	0.151925	0.176246
43.99	57.03	48.28	54.77	0.282928	0.001212
2.57	5.33	3.55	6.44	0.311834	0.278147
0.14	0.02	0.01	0	NA	NA
12.98	13.24	13.52	14.86	-0.09346	0.421352
2.2	7.75	5.33	6.53	1.356747	3.41E-13
7.41	8.52	8.61	9.92	0.113298	0.551381
0	0	0	0	NA	NA
0.02	0.14	0.09	0.23	0.522267	0.476938
7.68	8.71	6.96	7.99	-0.05383	0.812564
24.82	22.24	24.94	23.47	-0.18275	0.327054
0.03	0	0	0.02	NA	NA
2.37	2.3	2.23	2.25	-0.17289	0.464212
1.49	1.19	1.27	1.5	-0.01464	0.978992
37.76	33.06	36.28	33.41	-0.19879	0.077332
0.07	0.06	0.06	0.19	-0.07628	0.923514
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.26	20.74	18.55	21.94	0.310224	0.010348
9.68	10.56	10.04	10.86	0.011053	0.951428
4.85	7.1	9.37	8.8	0.793884	5.30E-07
0	0	0	0	NA	NA
2040.77	1809.21	1948.17	1775.3	-0.20112	0.021648
15.72	14.44	15.99	15.32	-0.07329	0.597345
34.89	17.16	19.32	18.31	-0.93586	1.97E-22
0	0	0	0	NA	NA
6.95	8.32	8.36	9.19	-0.0675	0.773507
6.23	4.69	4.88	5.17	-0.18485	0.324325
61.67	46.73	47.11	47.37	-0.35596	3.50E-06
12.79	17.31	16.02	15.47	0.252169	0.044471
10.07	5.5	7.38	7.07	-0.67238	0.000188
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.55	10.14	10.71	8.82	0.072751	0.734742
198.74	203.36	220.35	176.46	-0.13845	0.179623
58.45	86.91	75.23	75.44	0.383125	9.80E-05
13.9	18.21	17.39	21.95	0.31775	0.001899
47.49	45.94	49.55	46.11	0.050217	0.797495
0	0	0	0	NA	NA

2.53	1.72	1.95	1.84	-0.17819	0.693099
5.9	5.55	5.48	4.93	0.118074	0.597089
5.95	6.07	6.4	5.94	-0.09181	0.717625
14.69	8.33	8.86	8.58	-0.59874	6.21E-12
0.11	0.42	0.15	0.18	NA	NA
1.89	0.46	0.55	0.62	-0.82618	0.136236
0.25	0.07	0.15	0.1	-1.13007	0.037252
0	0	0	0	NA	NA
2.2	1.5	1.11	0.93	-0.3141	0.378414
0	0.05	0	0	NA	NA
35.94	47.44	40.7	41.63	0.139517	0.288176
0.25	0.13	0.07	0.13	-0.64123	0.35328
109.67	107.8	114.14	115.97	-0.00468	0.969266
0.1	0.24	0.34	0.19	0.55349	0.429497
6.56	7.71	7.24	8.03	0.254877	0.026755
10.04	11.63	10.73	9.65	0.228561	0.353037
24.58	16.28	19.47	16.07	-0.54171	7.33E-05
22.57	25.86	24.92	24.57	0.01595	0.932631
0	0.08	0.34	0.13	NA	NA
43.78	97.82	76.65	88.73	0.944713	1.28E-20
32.7	35.25	34.02	33.3	0.001573	0.99316
25.89	31.64	27.95	29.15	0.078125	0.516747
43.76	48.94	44.35	46.46	0.090437	0.460995
12.37	14.67	14.61	16.18	0.170933	0.175193
25	31.15	29.13	30.86	0.162269	0.118384
2.45	3.23	2.8	3.3	0.157033	0.49274
68.32	67.3	83.06	74.47	0.02982	0.837757
21.02	21.32	20.25	21.65	-0.02059	0.896404
18.96	21.94	18.19	20.64	0.183742	0.062712
50.31	62.64	62.69	62.45	0.377022	2.49E-07
221.72	228.1	207.96	217.59	-0.07954	0.419658
11.46	12.33	11.38	10.6	0.054661	0.816626
0	0	0.05	0	NA	NA
0.1	0.15	0.23	0.14	-0.50461	0.486227
38	36.95	35.59	37.41	-0.08223	0.477636
17.81	21.54	19.46	22.1	-0.0102	0.962663
16.73	19.21	20.98	18.76	0.225435	0.048722
7.45	4.21	5.1	5.08	-0.48583	0.016343
0	0.1	0.06	0.03	NA	NA
14.89	15.29	13.58	15.89	-0.07941	0.585688
9.6	13.01	10.74	11.45	0.308072	0.013445
19.33	24.67	22.03	19.98	0.095427	0.513722
0.08	0.08	0.09	0.12	0.06487	0.94485
25.76	24.67	25.37	24.99	-0.04833	0.773744
0	0.05	0	0	NA	NA

60.18	41.48	52.6	41.98	-0.434	5.18E-05
8.01	7.36	7.59	6.64	-0.03908	0.899265
24.15	23.54	23.04	21.96	0.008563	0.96236
4.56	3.26	3.27	3.89	-0.36076	0.099522
0	0	0	0.1	NA	NA
45.34	47.62	47.26	48.67	-0.06917	0.573858
154.64	116.86	130.97	120.14	-0.40574	3.72E-06
0.04	0.27	0.22	0.23	1.591068	0.004162
9.85	14.64	14.28	13.31	0.311022	0.005644
8.79	9.68	6.81	8.68	-0.02608	0.903665
0.06	0.14	0.05	0.17	1.07705	0.086942
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
1260.71	941.3	1094.53	964.9	-0.39807	5.59E-07
17.42	13.58	13.69	13.53	-0.40305	0.030652
72.47	46.6	51.84	51.24	-0.58348	7.05E-14
12.3	6.42	9.53	8.41	-0.63942	6.51E-06
8.99	8.41	8.99	9.95	-0.18498	0.182766
17.23	21.67	16.41	19.36	0.067362	0.663037
11.31	15.4	17.34	16.31	0.153527	0.160086
13.8	15.6	12.11	12.36	0.19438	0.100481
2.79	1.5	2.09	1.15	-0.85511	0.002185
0	0	0	0	NA	NA
22.99	25.74	29.55	34.54	0.321619	0.008553
0.12	0.27	0.07	0.02	-0.76953	0.255954
211.99	109.79	110.73	115.32	-0.97325	3.67E-45
0	0	0	0	NA	NA
20.3	19.01	19.53	17.33	-0.13436	0.358726
42.81	35.59	37.98	37.62	-0.33644	0.001491
12.16	7.11	9	6.6	-0.56429	1.24E-06
0	0.31	0.15	0	NA	NA
84.96	87.64	89.63	86.61	-0.03993	0.740757
3.94	5.86	5.34	5.51	0.165519	0.219931
20.92	22.37	23.3	20.4	0.024568	0.893369
15.54	19.19	17.45	19.19	-0.22327	0.081113
0.71	0.11	0.46	0.15	NA	NA
17.1	21.04	20.85	19.43	0.207293	0.045993
0.16	0.18	0.17	0.53	-0.06327	0.946275
4.07	2.92	4.84	4.91	0.110112	0.698064
10.59	11.97	10.98	12.4	0.123963	0.512384
0	0	0	0	NA	NA
12.57	10.52	10.12	12.76	-0.4719	0.001195
20.31	29.91	33.19	31.77	0.462387	0.000172
183.65	149.83	169.19	156.33	-0.22073	0.015921
0.3	0.03	0.19	0.11	-1.1041	0.074719

26.14	29.05	28.71	27.23	0.025791	0.88961
19.34	18.49	16.25	18.7	0.266478	0.004431
6.29	7.29	6.83	8.08	0.26209	0.072419
0.41	0.44	0.35	0.23	-0.53125	0.387486
15.79	27.18	21.59	24.36	0.567359	1.94E-07
27.29	24.09	27.1	26.74	-0.1642	0.084422
13.5	16.88	15.74	20.56	0.170349	0.412164
27.01	30.28	28.93	29.67	0.137809	0.223032
19.66	18.34	17.31	17.45	-0.08138	0.543006
13.01	15.93	14.58	15.3	0.23661	0.096523
29.15	27.08	25.6	23.67	-0.29748	0.016508
11.45	13.78	12.86	13.67	0.162306	0.196666
10.97	19.82	15.13	16.38	0.599685	1.45E-08
10.14	9.64	9.8	11.5	0.146793	0.285976
2.74	3	2.76	3.21	0.080304	0.670013
0	0	0	0	NA	NA
14.88	10.54	10.73	11.65	-0.39582	0.005567
0	0	0	0	NA	NA
38.88	21.11	24.79	26.31	-0.77529	4.39E-17
26.41	31.13	29.16	30.48	0.147035	0.125892
24.55	27.06	27.16	24.02	0.111726	0.482563
25.77	27.46	23.27	21.26	0.118797	0.4498
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
25.66	27.9	28.18	27.65	0.053395	0.704634
36.75	25.42	27.51	30.54	0.137505	0.256269
0.07	0.36	0.02	0.18	-0.17514	0.841691
3.46	2.93	2.37	2.67	-0.28919	0.257584
0.6	0.67	0.87	0.47	-0.44893	0.425217
2.88	3.26	2.92	2.2	0.101436	0.795244
6.85	9.86	9.06	8.7	0.392681	0.000382
0.99	0.21	0.23	0.48	-0.51772	0.475596
12.51	15.72	14.91	14.59	0.433067	2.43E-06
33.48	11.85	20.86	16.82	-1.09298	3.10E-18
0	0.21	0.15	0.07	0.46223	0.533673
32.22	43.14	37.38	39.67	0.2216	0.060145
9.72	10.6	9.71	12.38	0.464337	0.000237
2.94	3.12	3.03	3.22	0.149839	0.345217
2.14	1.22	1.53	1.05	-0.32036	0.605852
96.7	135.37	119.07	128.37	0.48259	1.68E-06
8.68	12.03	10.42	9.08	0.247221	0.298563
42.59	49.84	49.96	47.05	0.180087	0.117872
0	0.03	0.02	0	NA	NA
4.84	11.64	7.67	8.62	0.654075	0.002348

11.39	8.41	11.61	11.57	-0.05325	0.848795
0	0	0	0	NA	NA
41.38	54.81	46.41	51.14	0.25532	0.042305
60.5	56.04	65.1	57.4	0.030306	0.817702
23	18.33	19.02	21.7	-0.17892	0.363774
20.05	20.99	21.55	17.7	0.067325	0.764316
3.64	2.46	2.28	3.19	-0.24376	0.214004
3.19	3.52	3.67	3.83	0.229401	0.089571
0.55	0.81	0.77	0.64	-0.00344	0.99586
47.55	72.23	70.15	60.8	0.263744	0.00988
31.06	12.2	23.37	13.54	-0.93757	1.92E-09
0.57	0.29	0.64	0.68	-0.03211	0.964603
7.11	8.52	7.97	8.25	0.597726	2.24E-09
6.58	4.69	4.21	4.66	-0.52687	4.78E-05
49.75	46.5	42.7	45.52	-0.14109	0.179051
3.48	3.85	4.31	4.61	-0.07995	0.783713
25.22	26.51	24.85	24.31	0.010452	0.952639
0.14	0.07	0	0	NA	NA
14.68	14.62	13.62	13.31	0.106918	0.523528
27.15	24.8	26.43	25.13	-0.0732	0.649587
22.49	25.64	22.27	24.74	0.110419	0.392714
2.78	2.94	2.59	2.68	0.043805	0.866475
2.98	0.35	0.7	1.13	-1.74849	1.21E-11
0	0	0	0	NA	NA
0.49	0.34	0.59	0.6	-0.57417	0.213426
60.56	74.72	72.07	64.97	0.147173	0.205905
190.42	277.14	265.33	291.56	0.55638	5.59E-15
11.57	27.32	17.05	22.45	0.896414	9.41E-11
186.07	188.82	184.76	188.24	-0.02098	0.857688
0.03	0	0	0	NA	NA
156.08	166.51	164.09	166.31	0.055075	0.610298
0	0	0	0	NA	NA
0	0.02	0	0.02	NA	NA
9.21	8.42	7.99	9.41	-0.10229	0.388284
27.38	19.76	20.73	20.36	-0.47324	1.57E-05
14.58	12.26	15.78	11.88	-0.23411	0.062063
0	0	0	0	NA	NA
19.66	22.03	20.85	21.38	0.082453	0.546434
6.86	7.78	8.38	7.38	0.180942	0.273879
15.45	12.54	14.27	18.47	-0.16443	0.07186
25.8	135.55	87.67	111.11	1.94111	8.37E-49
8.22	9.2	10.01	7.95	0.360261	0.041659
1	2.49	2.19	1.93	0.396999	0.345805
63.11	80.42	70.72	74.72	0.092061	0.475549
2.36	2.96	1.91	2.86	-0.32798	0.201347

1.52	1.54	1.76	2.23	0.071842	0.818684
23.87	24.63	25.25	23.48	0.130454	0.31061
3.39	2.63	3.66	3.06	-0.35642	0.233316
84.02	98.78	90.84	87.25	0.13581	0.213794
23.2	21.89	23.08	20.39	0.123067	0.235917
99.12	90.53	92.31	98.24	-0.09682	0.294358
12.84	14.87	12.75	10.71	-0.21183	0.279959
11.38	12.04	12.89	14.59	0.269979	0.012608
88.86	82.05	84.76	75.83	-0.11339	0.285557
59.19	61.64	64	63.53	0.059109	0.606618
0.02	0.07	0.07	0.05	NA	NA
17.75	19.73	15.93	18.11	0.17886	0.139182
15.16	15.85	14.81	16.6	-0.21856	0.169958
0.14	0	0.11	0	NA	NA
23.04	32.64	28.64	30.45	0.419472	6.00E-05
0	0	0	0	NA	NA
14.58	16.53	15.29	18.29	0.057811	0.633188
28	17.31	19.25	20.88	-0.65326	1.32E-09
9.43	11.72	11.35	10.54	0.208364	0.199269
26.89	27.91	27.02	27.65	-0.02884	0.847976
64.86	99.51	81.83	93.45	0.469863	3.17E-06
39.36	169.58	121.46	145.38	1.812489	1.67E-53
8.84	10.14	9.84	9.25	0.361648	0.14945
43.54	82.83	57.77	72.41	0.53556	5.14E-05
3.16	3.2	3.1	2.46	-0.11788	0.713701
1.34	1.92	2.87	2.26	0.330365	0.500647
45.77	51.36	45.28	51.1	0.243241	0.083788
56.14	67.28	60.34	61.97	0.203309	0.041417
30.84	33.19	34.88	30.32	-0.0312	0.857688
21.38	21.69	22.01	21.25	0.015394	0.917965
10.13	17	13.5	14.16	0.388255	0.008291
72.49	78.4	86.39	85.68	0.08305	0.404931
190.49	185.49	166.2	175.86	-0.23021	0.014448
12.14	11.53	11.38	13.48	0.108857	0.49821
16.32	17.06	16.81	16.25	-0.07159	0.662948
0.03	0.7	0.08	0.36	1.54999	0.008025
0	0	0	0	NA	NA
37.12	41.41	36.36	40.26	0.053771	0.670266
37.57	32.04	29.58	31.79	-0.28488	0.002385
21.59	22.34	21.46	20.75	-0.01845	0.914375
43.52	101.36	96.83	94.11	1.02671	1.05E-28
0.41	0.35	0.31	0.3	0.073189	0.920557
3.18	3.13	3.17	2.79	-0.21407	0.290517
2.95	3.4	3.46	2.57	-0.00637	0.988237
19.13	13.35	14.27	15.49	-0.12193	0.414461

6.42	10.89	10.12	10.81	0.554704	8.91E-07
0.07	0.04	0.13	0.22	-0.74849	0.274883
22.25	16.74	18.39	17.56	-0.41654	0.000568
0.07	0.02	0.03	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
13.57	9.45	11.64	10.63	-0.42432	0.000277
0	0	0.02	0	NA	NA
35.17	47.4	48.25	44.26	0.33643	0.002059
0.02	0.78	0.11	0.46	2.65697	4.06E-08
0.02	0	0	0	NA	NA
12.17	8.91	9.87	10.59	-0.43418	0.007835
10.88	6.5	7.29	7.36	-0.53465	2.30E-07
0	0.02	0	0	NA	NA
13.98	14.72	15.72	15.76	0.075916	0.515056
34.62	33.5	34.02	33.59	0.054004	0.80335
11.75	5.79	7.99	7.01	-0.61791	0.000412
12.78	12.34	14.03	13.79	0.12521	0.465103
0.22	0.22	0.15	0.14	-0.50096	0.381428
15.93	17.27	13.68	14.58	-0.15089	0.355581
69.23	67.3	64.43	64.21	-0.05396	0.623489
16.03	17.71	17.43	17.17	0.026403	0.845158
21.78	21.97	23.5	23.39	-0.02383	0.889599
96.99	72.61	89.18	84.05	-0.23558	0.025734
22.52	25.58	25.4	23.68	0.036911	0.796573
0	0	0	0.01	NA	NA
13.71	21.35	16.71	20.42	0.269297	0.040932
0	0	0	0	NA	NA
12.92	13.53	10.39	11.75	-0.09255	0.624621
89.33	126.56	117.44	115.51	0.293614	0.002815
0	1.62	0.61	0.99	3.489067	2.92E-13
0.02	0.11	0.06	0.04	1.08451	0.074387
6.42	7.94	7.01	7.41	0.135283	0.451091
5.26	5.27	4.71	4.81	-0.12136	0.596473
14.5	11.45	11.9	11.96	-0.16318	0.105745
9.93	11.22	10.16	9.33	-0.05074	0.741372
0.05	0.59	0.28	0.87	1.487281	0.005101
0	0	0.11	0.1	NA	NA
0.09	0	0	0.04	NA	NA
31.33	45.55	41.45	40.4	0.226125	0.017766
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0.03	0.07	0	0.1	NA	NA
0.12	0.05	0.02	0.02	NA	NA

4.48	5.15	4.47	4.97	0.064724	0.742037
16.31	11.25	12.85	10.15	-0.5829	7.02E-05
0.08	0.15	0.14	0	0.192508	0.81543
45.7	34.4	33.48	33.44	-0.40236	2.98E-06
0	0.21	0.08	0.13	0.983646	0.12686
16.98	28.56	28.83	29.69	0.757065	1.64E-21
17.05	21.66	20.61	18.34	0.186376	0.176614
4.18	9.17	7	5.78	0.315628	0.314691
0	0	0	0	NA	NA
32.86	23.64	23.63	27.22	-0.49215	8.68E-07
0.72	0.37	0.47	0.68	-0.7105	0.033239
44.51	45.58	43	46.32	0.111781	0.244388
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
14.99	13.1	12.94	13.52	-0.21215	0.028887
0	0	0	0	NA	NA
97.51	133.89	106.62	114.38	0.166877	0.179507
3.1	4.25	3.38	3.77	0.14429	0.449862
0	0	0.08	0	NA	NA
3.08	8.6	5.84	6.84	0.649208	0.043116
9.56	24.68	20.29	19.86	1.105685	3.52E-18
2.76	6.01	3.85	4.19	0.626129	0.003539
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0.05	0.07	0.38	0.02	-0.51667	0.467533
222.24	38.18	61.78	44.16	-2.27316	2.68E-66
0	0	0	0	NA	NA
28.84	27.71	29.05	28.57	-0.07511	0.4894
0	0	0	0	NA	NA
7.18	9.23	7.97	8.71	0.126959	0.449914
17	22.64	21.79	21.46	0.218596	0.018955
10.08	4.63	5.64	5.81	-1.02733	4.14E-18
0	0	0	0	NA	NA
11.33	15.47	14.03	15.23	0.413637	8.69E-06
1.57	1.39	1.67	0.98	-0.09499	0.861365
34.22	33.11	41.46	34.55	0.051293	0.729146
36.79	36.42	38.98	34.56	0.0439	0.787143
22.69	27.24	29.04	24.8	0.103988	0.513722
21.57	24.71	23.67	23.28	0.092936	0.452939
10.66	13.44	11.07	13.2	0.37192	0.001963
8.33	7.09	8.26	8.92	0.045639	0.862624
12.62	9.7	12.24	10.64	-0.42704	0.002282

0.17	0.25	0.23	0	NA	NA
4.67	5.58	6.78	5.73	0.177865	0.271491
0.46	1.63	0.82	1.03	1.167021	0.002336
7.35	8.84	6.66	7.52	0.105508	0.543908
4.39	3.51	2.53	3.12	-0.56897	0.000317
70.8	87.53	82.64	81.55	0.176927	0.053968
0.55	0.63	2.04	1.18	-0.01022	0.992113
0	0	0	0	NA	NA
0	0	0	0	NA	NA
454.66	469.94	549.57	511.34	0.145449	0.138384
1.15	0.1	0.47	0.54	-0.66388	0.341924
0	0.16	0	0	NA	NA
1.62	2.07	1.85	1.95	-0.17764	0.586781
0.36	0.91	1.16	2.01	1.283038	0.033208
38.53	25.82	30.67	27.99	-0.47676	3.82E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.33	0.24	0.11	0.15	-0.11163	0.898733
0.12	0.77	0.79	0.6	1.13428	0.019257
3.58	2.79	2.54	2.69	-0.41731	0.024912
19.19	19.5	18.43	19.12	-0.05288	0.779226
27.62	30.4	26.11	25.74	-0.01565	0.948175
0	0	0	0	NA	NA
9.31	8.31	8.52	7.98	-0.20652	0.27752
0.39	1.34	0.85	1.12	0.192527	0.798939
12.04	12.75	11.48	11.36	-0.20659	0.286
76.7	62.27	65.56	61.72	-0.32783	1.82E-05
0	0	0	0	NA	NA
6.23	4.68	6.17	5.44	-0.18391	0.220045
0.02	0.02	0.03	0	NA	NA
6.04	6.05	5.74	6.45	0.041035	0.829528
13.1	7.19	9.36	9.04	-0.5495	0.001234
19.06	23.64	18.76	20.76	0.192119	0.112514
143.69	141.86	160.47	153.15	0.064234	0.575502
4.07	2.95	2.89	2.94	-0.05547	0.858181
9.01	12.45	10.21	12.37	0.188504	0.095296
8.18	10.58	10.13	10.41	0.252307	0.022918
0.89	0.8	0.46	0.65	0.013647	0.980125
237.35	200.67	216.16	192.31	-0.26094	0.003577
2.78	3.43	3.46	3.26	0.311674	0.268868
0.19	0.22	0.03	0.22	-0.13216	0.882965
3.24	3.25	3.01	3.19	-0.20428	0.192267
11.45	13.44	13.99	14.5	0.317442	0.000694
7.19	22.84	19.31	20.32	1.626817	1.44E-35
5.91	40.22	24.06	32.95	2.404839	3.70E-53

5.33	4.95	4.61	5.32	-0.15866	0.260251
0.09	0.16	0.16	0.12	0.145685	0.852311
10.18	12.05	13.21	13.78	0.308864	0.002763
0	0	0	0	NA	NA
11.78	7.98	9.44	7.93	-0.29397	0.045667
8.11	10.63	9.15	10.82	0.366846	0.001194
6.44	15.58	9.05	11.99	0.882928	1.38E-09
25.81	24.6	30.2	24.59	-0.01216	0.942709
6	6.15	6.22	6.97	0.288358	0.170626
0.28	0.23	0.41	0.57	-0.05538	0.947499
0.56	2.25	2.47	2.8	1.640209	9.11E-23
0.32	0.49	0.61	0.77	0.135191	0.841253
24.18	25.83	26.27	26.11	0.157667	0.252009
4.96	6.68	5.22	5.72	0.151606	0.501478
6.65	5.46	6.19	5.86	-0.2614	0.032292
5.5	7.79	6.39	6.69	0.101843	0.546747
0	0	0	0	NA	NA
55.16	42.44	45.34	42.04	-0.28879	0.006015
1.62	1.46	1.55	1.2	-0.27466	0.221096
10.82	7.95	6.83	8.16	-0.65745	6.98E-09
4.51	5.84	5.43	5.19	0.231794	0.142386
0	0	0	0	NA	NA
2.62	4.3	3.74	3.61	0.727474	0.001318
0	0.5	0.29	0.42	2.785597	4.73E-08
0.06	0	0.03	0	NA	NA
2.13	1.35	1.33	2.27	-0.14421	0.850235
17.83	21.98	15.16	18.36	0.146127	0.44053
25.8	7.19	8.32	7.5	-1.63129	1.71E-39
0	0	0	0	NA	NA
16	10.87	10.86	11.2	-0.41147	0.004171
3.37	4.02	3.39	3.06	-0.03415	0.881728
0	0.06	0.03	0	NA	NA
40.08	42.5	35.81	37.81	0.006505	0.970061
1.77	1.62	1.85	1.71	0.124961	0.719111
0	0	0	0	NA	NA
275.2	111.7	152.47	140.69	-1.04566	8.58E-23
0	0	0	0	NA	NA
12.83	15.29	12.57	13.07	0.680483	2.53E-09
26.7	27.65	24.56	26.67	0.205426	0.024524
15.64	9.3	10.58	12.07	-0.32006	0.00348
0	0.02	0.09	0.08	NA	NA
0	0	0	0	NA	NA
5.45	12.12	13.35	12.87	1.086231	9.25E-23
5.99	7.2	6.51	6.2	0.262422	0.20048
0	0.02	0	0	NA	NA

0.14	0.32	0.32	0.32	0.142861	0.85721
86.64	111.02	97.85	102.83	0.19757	0.052592
0	0.06	0.07	0.04	NA	NA
0	0	0	0	NA	NA
205.92	69.68	97.13	62.72	-1.52325	8.24E-11
39.14	48	49.14	44.18	0.292926	0.016935
1.36	0.64	1.1	0.69	-0.31074	0.593207
8.24	9.4	7.99	9.3	0.099726	0.521167
28.72	19.27	20.26	20.24	-0.47489	3.52E-08
0	0.12	0	0	NA	NA
0.18	0.18	0.17	0.06	NA	NA
0.06	0.1	0.26	0.05	0.422349	0.559778
44.12	60.56	51.62	56.09	0.276921	0.00518
0	0	0	0	NA	NA
1.4	0.86	1.09	0.88	-0.7629	0.000833
0	0	0	0	NA	NA
9.06	7.54	7.5	6.12	0.040068	0.903519
12.53	13.11	11.95	13.15	0.07155	0.666871
2.37	5.88	4.59	5.49	1.157762	1.15E-08
0.26	0.15	0.1	0.28	-0.64846	0.292714
12.39	16.41	14.73	14.32	0.231168	0.133281
28.32	26.75	30.28	31.43	-0.07015	0.689895
0	0	0	0	NA	NA
0.81	0.98	1.1	0.78	0.390736	0.529657
38.29	36.3	35.64	34.26	-0.23304	0.071257
10.11	15.71	12.01	13.21	0.040885	0.85662
0	0.1	0.2	0	NA	NA
585.16	547.48	722.5	661.31	0.126028	0.358037
0	0	0	0	NA	NA
24.86	38.28	33.07	32.02	0.456655	1.56E-05
35.27	57.73	52.9	53.68	0.623621	2.96E-12
0.23	0.21	0.25	0.17	-0.26516	0.625415
18.08	18.66	18.93	18.02	0.067365	0.673396
44.45	36.96	40.5	38.91	-0.24048	0.0043
26.78	11.5	17.9	12.51	-0.6716	1.49E-06
0	0	0	0	NA	NA
3.39	3.75	3.25	3.06	0.053112	0.846238
5.22	2	2.89	2.45	-0.57551	0.001115
43.67	45.74	49.88	47.58	0.03561	0.779226
16.91	19.55	17.96	18.98	0.163893	0.212763
0.19	0.13	0.1	0.08	0.222628	0.784205
0	0	0	0	NA	NA
12.17	16.73	15.58	16.47	0.420697	0.000236
0	0	0	0	NA	NA
0	0	0	0	NA	NA

3356.24	14160.94	9159.35	10726.49	1.561724	1.09E-35
5.76	2.26	5.14	3.85	-0.6481	0.006816
19.16	19.68	20.8	21.6	-0.11814	0.367739
0.02	0.04	0.04	0.02	NA	NA
6.61	5.76	5.88	6.45	-0.04523	0.832636
11.28	17.89	17.14	16.69	0.268248	0.137936
10.66	12.14	12.3	15.76	0.410623	0.006246
0	0	0	0	NA	NA
99.77	94.71	95.29	93.95	-0.14508	0.097548
164.5	101.76	112.94	94.87	-0.72263	4.59E-17
0.96	0.51	0.6	0.84	-0.44731	0.27138
26.55	42.95	38.45	42.4	0.853495	2.08E-14
4.82	3.19	2.73	3.17	0.172642	0.506865
0	0	0.01	0.06	NA	NA
0.39	0.14	0.15	0.21	-1.06338	0.036873
2.24	4.13	3.19	3.52	0.796181	6.35E-07
0.08	0.07	0.08	0.22	0.091206	0.92335
19.33	20.87	21.53	22.43	0.148875	0.348779
13.81	24.2	19.74	21.78	0.669096	5.61E-06
34.61	40.2	36.24	39.26	0.121008	0.319061
1.66	3.02	2.11	2.18	0.61081	0.094336
0	0.02	0.02	0	NA	NA
0.21	0.03	0.1	0.04	-0.74731	0.256799
0.01	0	0	0	NA	NA
2.75	0.96	2.53	1.36	-0.50833	0.061355
16.27	19.73	15.07	17.29	0.296498	0.032916
4.62	1.83	2.34	3.37	-0.67955	0.049277
13.11	18	14.29	15.21	0.288861	0.020538
0	0	0	0	NA	NA
7.22	4.58	3.51	2.57	-0.12356	0.667271
3.38	4.38	3.57	3.76	0.395259	0.059749
5.84	6.88	5.67	7.16	0.49048	0.007974
27.24	31.95	31.66	30.42	0.368812	0.000711
0.84	0.07	0.81	0.39	-0.28552	0.726751
12.69	25.6	17.54	18.95	0.685082	3.44E-07
14.98	31.76	27.5	29.01	0.758948	2.57E-16
15.87	13.52	14.13	17.9	-0.03029	0.849515
0	0	0	0	NA	NA
0.16	0.18	0.28	0.47	0.416731	0.570905
43.59	31.32	33.78	33.2	-0.44212	3.10E-09
17.26	14.75	17.81	19.97	-0.05903	0.722942
6.28	4.91	4.65	5.62	-0.1263	0.666647
2.52	3.56	2.9	2.9	0.114974	0.763558
9.32	11.21	10.43	11.22	0.181067	0.125608
1.02	3.35	2.32	2.05	1.803348	7.99E-16

0	0.16	0.05	0.23	NA	NA
4.85	3.76	3.5	4.09	-0.07165	0.681006
1.89	2.06	1.79	1.89	-0.15272	0.314182
6.16	5.17	4.75	6.39	-0.10997	0.53524
7.71	10.12	9.94	13.55	0.362007	0.002695
0	0	0	0	NA	NA
7.55	4.54	4.41	5.65	-0.43887	0.087247
103.1	219.58	119.98	152.79	0.635744	0.031006
42.59	340.23	175.22	262.19	1.963047	7.85E-15
21.48	19.97	20.71	18.01	-0.09201	0.512103
0	0	0	0	NA	NA
0.16	0.05	0	0	-1.40792	0.018476
21.51	21.07	21.68	23.92	0.039202	0.771988
5.95	5.9	6.24	6.33	0.002356	0.991594
14.66	14.09	14.46	14.8	-0.12438	0.426714
18.34	9.85	12.9	9.94	-1.06912	4.20E-11
0.18	0.19	0.06	0.13	-0.88687	0.178726
102.82	73.93	71.07	71.08	-0.41109	6.03E-07
2.31	0.89	2.77	1.78	-0.29449	0.542248
0.37	0.25	0.37	0.42	-0.17166	0.806634
0	0	0	0	NA	NA
16.38	9.85	10.5	10.81	-0.61483	8.94E-10
12.77	8.86	11.53	8.89	-0.39651	0.025835
54.2	36.98	44.24	40.06	-0.45539	1.13E-05
10.46	14.61	10.57	11.76	-0.10914	0.507777
15.49	10.56	13.25	12.16	-0.52579	1.27E-05
1.12	1.1	0.86	1.14	-0.10164	0.85135
11.62	9.09	9.75	13.39	0.11653	0.324944
22.67	16.65	17.53	18.32	-0.3065	0.001079
11.33	11.08	11.32	8.74	0.17629	0.132256
0	0	0	0	NA	NA
28.19	27.66	25.01	26.17	-0.15941	0.204156
0.03	0.4	0.18	0.37	0.766799	0.244847
0.79	1.15	1.29	0.92	0.255214	0.444261
0	0.03	0.02	0.02	NA	NA
1.27	1.03	1.6	1.38	-0.29326	0.419647
0	0	0	0	NA	NA
8.12	11.79	10.62	11.52	0.405213	0.000285
10.4	11.15	9.8	10.52	0.007913	0.975981
21.37	28.01	25.12	25.39	0.062387	0.666379
0.66	1.07	0.56	0.49	-0.10453	0.889416
4.48	4.69	4.82	4.56	0.106008	0.729146
2.61	5.84	5.2	5.41	0.882243	7.22E-10
13.95	21.62	18.71	21.3	0.419005	0.000243
40.04	44.62	37.2	40.87	0.062494	0.666949

1.06	0.6	1.13	0.81	-0.15918	0.693783
0	0	0	0 NA	NA	
19.9	21.76	22.28	18.48	-0.01633	0.946597
13.42	37.41	35.09	36.7	1.283662	1.05E-45
42.02	53.95	51.12	50.6	0.323663	0.001116
7.55	8.58	8.23	9.96	0.443237	0.011431
18.72	15.78	17.57	17.89	-0.18275	0.076603
28.27	25.59	26.41	26.88	-0.05474	0.675253
0.68	16.66	20.2	21.76	4.257997	8.17E-150
1.82	1.9	1.8	1.95	-0.26683	0.226001
24.46	20.01	22.99	20.81	-0.1503	0.171219
0.14	0.04	0	0.01 NA	NA	
5.88	5.41	6.5	4.9	-0.23601	0.159249
8.75	12.8	7.47	10.41	-0.04637	0.784421
15.11	12.46	13.36	12.92	-0.30595	0.009624
0	0.02	0.01	0 NA	NA	
0	0	0	0 NA	NA	
22.21	17.64	21.08	19.27	-0.14504	0.286161
17.41	20.57	17.28	17	0.280753	0.012131
18.81	27.36	20.4	20.75	0.270117	0.264491
9.53	9.24	9.92	9.96	0.003383	0.986589
106.31	66.44	87.07	81.23	-0.51289	1.18E-05
15.42	12.75	13.35	17.19	-0.016	0.934965
1.17	1.38	1.47	1.41	-0.23096	0.257483
43.28	90.79	68.11	77.91	0.789761	9.43E-13
0.77	1.01	0.5	0.72	0.03025	0.971554
6.72	7.6	7.37	9.43	0.084909	0.611815
8.89	9.71	9.59	9.1	-0.10245	0.520711
14.83	13.43	16.38	15.1	-0.12987	0.384138
0.05	0.07	0.03	0.04 NA	NA	
0.6	0.03	0.1	0.02	-2.50034	1.41E-09
43.11	82.12	57.5	67.73	0.593988	1.13E-06
17.33	18.08	16.23	17.76	0.034599	0.829375
1.45	1.94	1.7	2.14	0.792164	0.002178
20.19	21.55	19.06	22.02	-0.11026	0.326999
6.83	7.06	5.36	5.91	-0.1124	0.59616
0	0	0	0 NA	NA	
71.99	53.59	58.68	60.15	-0.46132	4.31E-06
20.3	39.58	33.76	38.8	0.753053	1.02E-20
28.95	52.33	39.04	45.93	0.551109	3.72E-08
9.97	7.5	7.87	6.8	-0.34954	0.029416
0.82	2.69	1.34	2.34	1.439153	3.92E-07
8.89	8.83	10.75	9.43	-0.21531	0.177052
7.68	6.82	7.97	9.18	-0.25463	0.174526
53.37	53.77	49.34	54.79	-0.05082	0.680958

5.49	4.37	6.12	5	-0.22153	0.441246
8.34	11.33	11.81	10.28	0.092977	0.743262
27.65	83.93	49.43	71.99	1.152355	2.04E-16
24.33	19.58	21.42	17.17	-0.24214	0.112825
16.05	12.02	11.92	13.71	-0.4176	0.000184
45	56.7	52.59	47.85	-0.04106	0.785709
0.92	1.44	1.11	1.33	0.067125	0.90897
9.01	13.6	10.48	13.85	0.427103	0.021693
49.26	53.36	56.66	54.27	0.025112	0.852782
0	0	0	0	NA	NA
0.14	0.04	0.1	0.08	-0.49886	0.500626
1.15	1.24	1.08	1.11	0.180738	0.797375
9.59	5.93	7.15	7.34	-0.4948	5.67E-06
8.33	11.78	11	13.31	0.394951	0.00076
47.46	43.96	45.6	52.1	0.059185	0.580733
26.84	30.95	29.36	29.9	0.067984	0.589862
6.29	4.14	5.21	4.71	-0.25922	0.252381
12.1	13.32	14.02	12.08	-0.2028	0.239744
20.27	22.2	23.92	22.99	0.118649	0.26888
0	0	0	0	NA	NA
5.22	8.97	6.73	7.09	0.23144	0.153319
153.37	158.54	165.85	158.25	-0.04434	0.741817
27.64	18.25	20.5	21.27	-0.24292	0.00979
0	0	0	0	NA	NA
0.62	0.17	0.6	0.23	-0.65857	0.129165
1.8	2.25	1.71	2.21	0.425069	0.016375
21.56	22.6	23.76	21.81	0.067494	0.707293
15.19	14.07	14.5	13.92	-0.06696	0.669626
0	0.17	0.19	0.29	2.269312	5.36E-05
37.05	34.63	34.07	33.74	-0.21509	0.031562
0.77	3.26	1.14	1.8	1.202372	0.000113
0	0	0	0	NA	NA
1.01	0.86	0.58	1.17	0.140822	0.813447
16.82	17.66	17.98	18.71	0.113689	0.352836
5.59	0.24	0.27	0.18	-4.26934	2.15E-47
2.86	20.93	10.81	16.46	2.306155	1.96E-18
19.38	13.36	18.02	13.39	-0.45407	0.014071
2.69	3.55	3.23	3.19	0.119597	0.594667
69.5	79.7	85.48	85.76	0.052154	0.658288
34.35	49.2	46.79	46.64	0.367643	0.000191
81.18	81.29	73.85	73.79	-0.17546	0.066328
29.86	24.75	29.41	28.52	-0.18609	0.136595
18.84	19.49	18.28	19.85	0.114795	0.472312
57.5	90.11	85.65	99.14	0.486423	1.14E-08
0.91	4.15	2.82	4.39	2.162431	2.04E-22

0.01	0.05	0.11	0.08	-0.16429	0.852157
0	0.01	0.01	0	NA	NA
3.3	3.25	3.57	2.94	-0.06757	0.762739
21.36	20.42	21.51	22.01	-0.16229	0.138844
0	0	0	0	NA	NA
25.92	34.68	30.07	31.38	0.104573	0.370542
8.31	9.37	13.07	12.52	0.154935	0.405764
0	0	0	0	NA	NA
15.89	18.55	17.24	16.55	0.064917	0.68047
0.8	1.28	0.61	0.52	0.466164	0.376582
15.79	25.29	25.83	22.8	0.334438	0.004292
15.3	25.6	22.99	24.08	0.610687	3.17E-11
15.26	14.92	16.2	15.27	0.039766	0.831213
13.27	10.48	10.37	11.08	-0.24819	0.012362
6.73	7.46	8.25	7.94	-0.03572	0.890238
5.96	8.42	8.85	6.56	0.328271	0.087349
0.27	0.26	0.41	0.3	0.219315	0.756358
0.74	1.12	1.3	1.43	-0.09128	0.876943
0.01	0.01	0.1	0.01	NA	NA
0.3	0.31	0.24	0.57	-0.37902	0.402014
111.89	125.37	120.24	111.24	0.212262	0.04072
103.51	59.85	68.75	65.88	-0.75814	1.72E-14
0	0	0	0	NA	NA
11.71	6.36	7.18	8.22	-0.50675	0.000215
59.63	147.86	116.26	129.98	1.04151	1.30E-30
11.31	21.93	14.72	18.36	0.210592	0.28351
607.74	580.99	225.04	317.25	-0.60824	0.171489
4.5	5.41	5.19	4.79	0.039467	0.846993
0.82	0.37	0.57	0.66	-0.55035	0.284754
2.21	1.2	1.81	1.62	-0.59616	0.001303
10.31	18.94	13.27	16.41	0.430409	0.004711
22.98	16.32	17.62	16.12	-0.62272	3.74E-14
2.51	3.14	1.86	2.9	0.361509	0.078754
2.26	0.96	1.34	1.23	-1.23209	2.29E-08
0	0	0	0	NA	NA
28.3	38.76	32.61	34.61	0.368774	0.001186
0.25	0	0	0	NA	NA
0.45	0.18	0.2	0.08	-1.49364	0.000837
8.55	10.95	10.52	9.89	0.511824	3.76E-05
19.66	21.77	20.12	21.58	-0.16863	0.062973
3.5	4.68	3.75	4.6	0.007379	0.978003
6.11	4.83	4.6	5.09	-0.04892	0.793261
0.02	0	0	0	NA	NA
12.53	9.9	9.88	14.58	-0.07642	0.799563
25.19	27.54	28.93	24.06	-0.02032	0.914213

15.1	15	14.67	14.46	0.045963	0.731121
0.19	0	0.05	0.06	NA	NA
12.6	12.91	13.15	12.91	0.022588	0.885955
0.4	0.12	0.08	0.26	-0.39394	0.611421
2.94	2.56	2.28	3.19	-0.0883	0.675253
30.94	35.34	35.25	38.35	0.273566	0.007972
2.07	3.28	2.4	2.77	0.364	0.217778
2.67	1.44	1.5	1.12	-0.16231	0.630121
13.04	3.57	4.22	4.36	-1.7864	6.07E-34
3.04	3.05	2.12	2.36	-0.34323	0.105706
16.73	17.74	16.42	23.27	0.074663	0.638048
4.44	5.11	4.6	4.65	0.083014	0.748601
9.9	10.56	8.45	11	0.080687	0.608206
13.14	12.05	13.16	12.18	-0.04467	0.855415
0.21	1.08	1.29	0.11	1.378041	0.022298
0	0	0	0	NA	NA
0.14	0.96	0.29	1.55	0.160558	0.825113
5.73	5.6	5.93	5.61	-0.17642	0.379777
9.82	30.47	18.29	24.41	1.278687	8.02E-15
0.08	0	0.11	0.35	NA	NA
8.08	11.1	8.12	8.89	0.160657	0.332768
1.79	1.65	3.83	3.94	0.854344	0.000573
34.6	23.07	23.63	21.08	-0.69747	3.58E-12
52.95	43.45	42.62	40.6	-0.35942	0.000511
0.46	0	0	0.15	NA	NA
19.39	32.75	33.71	34.63	0.732808	2.24E-17
61.22	91.1	91.87	90.43	0.516652	3.13E-14
30.88	23.51	26.31	23.87	-0.45768	2.69E-06
7.16	7.07	7.05	8.3	0.201211	0.200957
2.01	2.75	1.99	1.89	0.243409	0.352496
11.75	6.71	7.27	6.84	-0.93449	4.64E-14
13.93	24.55	17.87	22.4	0.540543	3.26E-06
33.43	223.58	129.13	153.18	2.115018	3.11E-13
0.04	0.17	0.36	0.19	1.758754	0.001628
0	0	0	0	NA	NA
7.4	5.92	6.01	4.54	-0.56456	0.00023
2.64	0.63	1.12	1.09	-0.77486	0.008581
69.58	91.66	82.91	83.25	0.330224	0.000384
136.62	127.13	129.4	120.99	-0.18861	0.025454
25.95	25.89	24.04	23.05	-0.06544	0.712504
0	0	0	0	NA	NA
0.41	0.24	0.32	0.2	-0.66523	0.160595
197.25	204.37	244.88	258.53	0.100382	0.444119
8.8	5.62	7.31	6.55	-0.34285	0.096093
1.51	1.68	1.12	1.29	-0.08091	0.873568

0	0	0.09	0	NA	NA
8.8	8.34	9.8	9.67	0.138687	0.383483
9.36	14.03	12.49	13.06	0.680983	5.71E-13
1.01	1.33	1.92	1.32	1.181407	8.60E-05
9.98	12.9	10.3	9.47	0.09881	0.639146
0.31	0.49	0	0.24	-0.1426	0.867696
6.83	5.39	5.83	6.47	-0.29016	0.138377
0	0	0	0	NA	NA
18.1	19.72	18.83	17.36	-0.16973	0.055689
19.07	19.38	16.69	19.1	-0.26259	0.026593
29.65	24.55	23.76	24.85	-0.27771	0.021812
2.99	4.89	3.32	3.55	0.174078	0.540321
257.79	293.46	297.07	287.37	0.003136	0.981096
0	0	0.02	0.06	NA	NA
25.81	26.68	23.97	25.99	0.02249	0.890238
16.26	12.73	16.85	15.09	-0.31584	0.014902
18.09	16.26	19.15	13.76	-0.10357	0.479412
4.3	3.81	3.32	3.76	-0.22279	0.242748
58.74	193.87	155.2	184.21	1.57317	6.31E-63
3.13	4.29	4.17	3.92	0.366591	0.015739
30.7	34.55	28.82	30.55	0.221792	0.129165
20.27	25.96	24.27	23.56	0.17084	0.280336
10.51	10.59	12.32	9.64	-0.2115	0.248876
33.11	19.76	24.03	19.99	-0.44989	2.23E-05
1.87	3.09	3.76	3.65	0.400779	0.1529
5.36	7.12	6.8	4.41	-0.0759	0.813831
41.55	46.64	44.1	44.76	0.071613	0.574924
8.98	9.45	8.45	10.55	-0.02932	0.908519
0.03	0.4	0.14	0.24	1.586579	0.00662
83.07	97.01	102.15	94.74	0.211312	0.018737
20.54	13.34	12.86	13.99	-0.59571	1.21E-10
5.15	6.39	6.3	7.99	-0.02739	0.919748
12.85	9.35	9.1	10.67	0.188158	0.215835
0	0	0	0	NA	NA
15.5	18.63	17.88	18.05	0.36968	0.000843
0	0	0	0	NA	NA
118.05	62.11	78.15	68.79	-0.7139	7.54E-14
178.03	150.55	179.78	170.32	-0.15298	0.117656
58.9	62.61	59.72	60.36	0.034858	0.761233
2.11	8.51	9.82	8.81	1.866313	3.37E-27
0	0	0.06	0	NA	NA
322.84	283.33	281.89	296.25	-0.1209	0.155466
0.13	0.05	0.13	0.08	NA	NA
38.33	35.73	49.23	52.07	0.10977	0.550981
0.35	0.22	0.68	1.15	0.233398	0.778245

0	0	0	0	NA	NA
45.11	29.29	32.16	31.24	-0.74529	6.31E-13
88.87	86.6	95.85	93.09	-0.03356	0.793361
12.28	21.73	16.75	17.23	0.564406	0.0001
0	0	0.11	0.13	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
4.17	6.89	5.81	6.72	0.136797	0.591444
0.04	0.11	0.14	0.03	0.270806	0.740036
88.79	85.88	83.88	88.95	-0.04921	0.647297
45.06	56.68	52.6	53	0.181624	0.057465
6.44	30.04	22.27	28.01	1.96197	1.06E-50
15.14	13.95	15.56	13.64	-0.09243	0.624654
5.94	5.69	6.58	6.41	0.745552	0.01765
13.28	12.35	12.57	13.48	-0.09015	0.512103
134.08	108.67	119.55	119.29	-0.2513	0.00154
31.28	40.24	37.55	38.87	0.252172	0.034321
0	0	0	0	NA	NA
9.09	9.37	8.1	8.31	-0.05173	0.756231
7.28	5.89	9.88	8.06	0.037791	0.913582
2.06	2.14	2.13	2.34	-0.24751	0.587566
11.72	7.57	11.69	10.25	-0.45338	0.000654
4.02	6.05	5.88	6.08	0.397396	0.000889
18.9	17.77	15.68	15.95	-0.23708	0.127027
0.16	0.5	0.35	0.35	0.389759	0.532341
3.7	3.29	3.42	3.09	-0.57131	0.048686
0.14	0.13	0	0.12	NA	NA
0	0	0	0.02	NA	NA
20.98	20.78	19.5	18.77	-0.10324	0.480728
0.62	0.14	0.28	0.37	-0.38666	0.609164
0.17	0	0.07	0	NA	NA
0.41	0.52	0.61	1.11	1.009848	0.076798
667.12	690.89	626.25	630.81	-0.08088	0.405998
11.55	12.44	10.36	11.72	0.309333	0.035824
37.4	36.16	40.47	36.38	-0.01217	0.948254
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.69	11.45	12.78	12.88	-0.733	3.09E-13
0.02	0	0.06	0	NA	NA
0	0	0	0	NA	NA
30.33	41.26	35.58	38.14	0.170554	0.160188
0.73	1.22	0.62	0.82	1.559764	0.001507
0.79	0.62	0.36	0.48	-0.08329	0.926237
14.11	16.59	15.9	17.57	0.280899	0.061205
49.92	56.82	55.91	55.8	0.083714	0.493654

176.63	201.8	208.14	192.08	0.109783	0.241035
2.71	3.28	3.07	3.58	0.269119	0.06026
18.74	19.02	18	17.42	-0.06085	0.683775
0.11	0.04	0.09	0.19	0.233006	0.779226
0	0	0	0	NA	NA
23.38	20.15	16.31	18	-0.43679	7.96E-05
0	0	0	0	NA	NA
18.41	23.67	20.15	23.25	0.0897	0.627882
60.41	78.21	75.04	75.15	0.205097	0.085106
18.28	15.93	17.64	14.21	-0.33965	0.011624
2.47	3.62	3.14	4.1	0.257124	0.447153
0.66	0.84	1.44	0.93	0.39313	0.323739
0.29	0.41	0.32	0.29	1.145077	0.061346
1.41	1.14	3.18	2.45	0.145092	0.811816
13.45	14.06	12.31	13.85	-0.09434	0.598232
49.22	53.3	52.95	50.15	0.02031	0.891946
22.66	30.74	24.53	27.54	0.235791	0.020032
3.43	3.21	3.9	3.3	-0.27529	0.151958
2.86	3.32	3.39	3.17	0.185815	0.41138
0	0.2	0.27	0.18	0.944149	0.143358
0.06	0.04	0.11	0.15	NA	NA
8.35	7.86	9.4	9.78	0.042983	0.821703
0	0.05	0	0	NA	NA
27.94	18.47	20.68	19.04	-0.49859	1.64E-06
5.89	6.38	5.96	7.07	-0.09593	0.670138
16.31	17.67	20.37	19.15	0.041706	0.778344
0	0	0	0	NA	NA
0	0.03	0.01	0	NA	NA
0.34	0.4	0.98	0.52	0.431431	0.558527
25.56	31.52	29.53	30.59	0.257235	0.116002
1.99	3.22	2.89	2.24	-0.05494	0.896663
20.37	18.77	19.42	18.83	0.017456	0.92421
93.18	127.43	133.57	127.17	0.42989	4.38E-06
8.43	7.87	7.52	7.99	-0.16296	0.221807
1026.01	987.48	969.44	920.63	-0.19742	0.020567
19.08	24.04	24.4	21.1	0.203536	0.165715
0	0	0	0	NA	NA
52.09	49.53	60.31	52.9	-0.09595	0.50294
11.39	12.27	11.92	13.89	0.065239	0.712235
0	0	0	0	NA	NA
0.15	0.5	0.41	0.56	0.733491	0.24613
207.26	186.86	246.55	226.98	0.036649	0.828382
56.56	56.51	53.15	59.97	-0.12902	0.193622
235.28	203.57	213.34	205.75	-0.32592	1.05E-05
2.85	1.97	1.91	1.93	-0.45801	0.005828

7.8	10.21	8.38	8.09	0.096386	0.625297
30.97	19.3	22.65	20.77	-0.58611	1.41E-09
0	0.61	0.28	0.45	0.832459	0.212676
6.77	7.1	7.91	9.14	0.153184	0.514027
0	0	0	0	NA	NA
73.54	61.71	71.56	71.79	-0.15629	0.215669
1.52	0.77	0.93	1.42	-0.73384	0.059672
34.75	34.95	30.5	29.61	0.039841	0.867232
0	0	0	0	NA	NA
29.98	19.08	23.59	21.18	-0.59134	6.03E-10
0	0	0	0	NA	NA
116.52	62.61	74.75	73.18	-0.83855	8.94E-28
9.53	10.28	11.61	10.88	0.16396	0.243427
0	0	0.03	0	NA	NA
16.34	19.02	17.24	19.64	0.120396	0.422944
7.43	6.8	7.04	6.42	-0.08818	0.617378
9.23	13.45	11.62	12.32	0.310813	0.059008
76.33	84.4	82.94	87.77	0.069805	0.463995
15.4	16.65	18.73	18.94	0.077774	0.577804
21.78	14.18	16.65	16.89	-0.58333	2.45E-06
52.34	87.34	76.43	83.91	0.527383	2.59E-09
3.03	2.62	2.22	2.29	-0.35606	0.077303
20.85	23.64	23.75	22.56	0.168708	0.233743
0	0	0	0	NA	NA
70.02	50.53	57.48	54.92	-0.37181	5.25E-05
0	0	0	0.01	NA	NA
20.27	21.89	20.63	20.54	-0.00694	0.974476
0	0	0	0.02	NA	NA
0.15	0.12	0.26	0.25	0.214492	0.802725
0	0	0	0	NA	NA
0.81	0.55	0.96	1.07	-0.10523	0.880968
2004.26	1558.06	1609.6	1498.18	-0.45076	1.56E-09
108.14	118.41	118.88	113.27	0.115802	0.236588
0	0	0	0	NA	NA
1.88	7.36	6.35	5.55	1.632303	7.86E-20
54.76	42.64	42.59	40.18	-0.50328	2.38E-06
0	0	0.15	0.19	NA	NA
0.04	0	0	0	NA	NA
0.45	0.31	0.53	0.4	-0.17929	0.734587
35.79	40.13	33.12	34.35	0.045365	0.781175
20.16	28.86	23.23	28.29	0.027208	0.859711
0	0	0	0	NA	NA
82.64	83.17	89.21	80.63	-0.03119	0.816626
75.74	66.41	63.52	60.14	-0.33529	5.69E-05
136.51	174.91	158.61	157	0.12437	0.277137

0.37	0.15	0.41	0.4	-0.29108	0.718661
21.33	18.74	22.96	21.14	-0.16317	0.294299
21.9	23.85	25.53	25.6	0.083024	0.461725
0.67	0.24	0.23	0.63	NA	NA
0	0	0	0	NA	NA
19.63	20	21.22	21.9	-0.04172	0.696467
124.06	133.41	127.3	124.2	-0.01597	0.904625
28.69	52.18	43.46	49.8	0.611739	1.37E-09
9.51	11.45	10.09	9.88	0.009068	0.966405
1.02	1.08	1.29	1.33	0.300724	0.257554
0	0	0	0	NA	NA
80.15	68.49	76.23	71.34	-0.19921	0.043639
0.12	0.13	0.24	0.11	0.049768	0.956533
10.1	4.98	6.12	6.6	-0.64201	3.86E-05
6.5	5.75	5.65	4.42	-0.36354	0.029416
0	0	0	0	NA	NA
4.47	14.31	8.81	13.12	0.889185	1.89E-07
2.02	9.95	7.13	8.83	1.69846	1.12E-12
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	5.6	1.18	2.56	4.22445	1.96E-20
4.32	2.93	3.35	3.24	-0.34227	0.039302
22.23	8.29	18.36	12.55	-0.82315	5.36E-05
33.72	53.66	45.3	50.15	0.441883	0.000402
4.26	4.71	5.34	4.89	0.072775	0.766003
20.14	28.5	21.78	26.42	0.275465	0.020165
0	0	0	0	NA	NA
4.47	13.9	9.05	11.43	0.9966	1.00E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.46	7.79	10.95	9.98	-1.18281	2.61E-14
8.52	16.25	12.98	15.94	0.798612	4.12E-07
28.32	17.8	22.96	21.89	-0.59826	1.40E-08
97.13	69.48	78.67	73.36	-0.41851	1.13E-07
23.26	23.81	25.01	27.19	-0.06521	0.570732
100.87	100.01	100.95	99.46	-0.00415	0.980011
13.12	17.68	17.14	17.07	0.334027	0.002858
6.95	8	5.57	5.59	-0.05298	0.844671
0.05	0.1	0.05	0.03	-0.31898	0.693269
0	0.03	0.11	0.03	NA	NA
72.57	80.25	86.93	81.4	0.080458	0.476585
0.33	0.44	0.15	0.31	0.267772	0.740459
3.49	4.18	3.02	3.59	0.026598	0.94726
22.39	25.59	25.58	23.2	0.051023	0.747308
8.63	9.19	10.83	9.83	0.127478	0.623051

0.47	0.43	0.7	0.8	-0.27981	0.505777
981.1	900.91	898.11	864.6	-0.23964	0.00206
0.03	0.04	0.01	0.08	NA	NA
0.07	0.03	0.01	0.06	NA	NA
4.43	21.77	14.33	17.09	1.839307	9.26E-31
20.39	14.61	15.82	14.58	-0.42382	7.63E-05
1.37	3.17	2.76	2.64	0.581725	0.100555
1.08	0.6	1.09	0.95	0.511358	0.209827
13.37	3.14	6.09	4	-1.75217	3.94E-27
5.34	5.81	6.13	7.05	-0.01426	0.949887
7.88	9.93	7.86	10.25	0.307958	0.030825
0.21	0.66	0.16	0.37	0.221092	0.759879
0.23	0.08	0.19	0.44	0.626608	0.362863
76.67	97.48	90.2	87.52	0.21976	0.029618
18.04	22.52	18.68	17.12	-0.18351	0.246536
1.07	1.23	0.9	1.35	-0.12336	0.864443
0	0	0	0	NA	NA
8.14	7.66	7.76	8.04	-0.2496	0.120323
81.42	89.25	88.25	80.75	-0.02418	0.882822
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.75	18.28	17.95	17.19	0.462776	0.000813
0.02	0	0.04	0.04	NA	NA
43.78	59.18	57.9	57.7	0.329482	0.000736
0.71	0.66	0.94	0.9	0.504744	0.343974
49.33	53.67	45.65	47.34	-0.08581	0.506692
151.59	108.54	119.87	124.44	-0.41821	2.04E-07
19.78	15.79	19.07	12.6	-0.02329	0.912249
0.17	0.04	0.04	0.11	-0.83648	0.21047
1.64	1.28	1.05	1.23	-0.43667	0.125261
6.42	16.79	14.5	14.46	0.993537	7.38E-13
0	0.07	0	0	NA	NA
30.94	30.99	33.2	36.84	0.207041	0.045065
20.26	36.88	30.8	32.42	0.444453	2.52E-05
16.98	20.02	19.08	20.02	0.186876	0.098821
5.43	5.9	5.4	6.15	0.132268	0.483782
0	0.02	0	0.07	NA	NA
2.73	8.43	6.61	6.69	0.756991	5.39E-07
2.91	2.33	2.4	2.18	-0.33864	0.419419
67.89	64.74	67.31	66.48	-0.13984	0.218325
1.82	2.9	2.26	2.41	0.323862	0.265988
26.18	26.98	24.59	26.38	-0.06217	0.683537
15.16	14.45	11.44	14.28	0.236622	0.040963
0.3	0.1	0.03	0.01	NA	NA

3.52	3.97	3.18	3.04	-0.32268	0.178503
6.29	4.43	7.46	6.86	-0.04892	0.850433
8.81	20.87	13.35	18.93	0.851243	1.52E-08
5.24	3.74	4.09	4.26	0.204926	0.145311
28.18	28.43	30.26	29.88	0.075041	0.584213
9.48	12.38	9.76	11.51	0.226136	0.161801
284.65	2803.95	1325.66	1874.27	2.581797	2.45E-16
12.9	22.52	16.23	16.94	0.512208	0.000364
278.42	1202.18	1053.33	1267.69	2.126468	2.46E-92
6.19	3.77	4.16	2.73	-0.19908	0.323961
0	0	0	0	NA	NA
0.03	0	0.05	0.14	NA	NA
53.03	36.31	37.58	36.8	-0.51636	3.89E-08
3.6	4.46	3.18	3.47	0.349001	0.059672
59.67	74.22	83.59	91.54	0.335502	2.31E-05
2.01	3.34	2.87	2.26	0.493035	0.116184
0.9	2.14	1.05	2.18	0.443275	0.068494
4.42	4.91	5.94	5.37	-0.14462	0.455983
0.56	0.51	0.21	0.48	0.094747	0.90337
7.91	9.05	9.1	8.73	0.093934	0.624221
0	0	0	0	NA	NA
60.71	72.55	69.25	72.43	0.180571	0.039133
0.1	0.38	0.22	0.3	0.403433	0.601015
3.98	1.64	1.92	1.91	-1.16314	7.34E-07
4.59	4.76	5.04	4.65	0.294896	0.136506
26.05	32.07	28.29	29.87	0.249016	0.029791
0.5	0	0.04	0	-1.01476	0.099076
9.09	9.32	8.65	9.17	-0.04174	0.791918
3.3	2.75	2.47	2.35	-0.2453	0.350063
19.04	26.15	21.63	23.66	0.27773	0.013097
0	0	0	0	NA	NA
1.24	2.4	1.6	2.4	0.38653	0.250398
0.05	0.02	0.01	0.09	NA	NA
47.68	54.28	50.73	49.88	0.418661	4.87E-05
34.78	20.57	25.2	22.01	-0.38667	0.001893
173.96	81.24	129.78	96.81	-0.89141	2.53E-12
6.86	19.05	12.39	14.89	1.550964	5.11E-27
0.29	0.4	0.6	0.39	0.047174	0.959017
12.95	18.16	16.33	15.27	0.168673	0.170894
0	0	0	0	NA	NA
1.85	10.21	9.14	9.58	2.139422	4.21E-32
0	0	0	0	NA	NA
48.08	52.55	49.73	51.08	0.057686	0.667271
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.2	0.58	0.36	0.74	0.478887	0.416706
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.93	11.35	10.15	11.44	-0.01364	0.944571
7.92	5.7	6.07	5.38	0.065671	0.695687
0.1	0	0	0.08	NA	NA
0.05	0.01	0	0.01	NA	NA
0.16	0.11	0.2	0.54	0.6854	0.326281
61.55	57.28	71.34	61.79	0.036059	0.854324
0	0	0	0	NA	NA
6.96	7.29	5.72	7.54	0.133832	0.508353
0	0	0	0	NA	NA
38.92	24.06	26.46	24.84	-0.54709	4.61E-08
58.16	59.36	60.66	60.45	0.05341	0.626626
0.32	0	0	0	NA	NA
0.3	0.14	0.29	0.24	-0.94134	0.145193
23.52	48.62	35.33	42.06	0.902279	2.36E-13
6.06	8.33	6.37	6.32	0.259316	0.310717
0	0.05	0.04	0.15	NA	NA
6.56	9.17	7.4	7.86	0.106134	0.509256
3.61	4.3	4.26	4.07	0.170322	0.268462
4.29	24.82	12.67	18.79	1.790043	7.66E-18
2.33	1.84	3.31	2.62	-0.12195	0.670013
101.91	95.32	101.22	100.1	-0.21889	0.003777
0	0	0	0	NA	NA
18.3	1.1	2.32	1.94	-3.20648	9.46E-28
2.3	1.49	1.35	1.57	-0.73005	0.00147
0	0	0	0	NA	NA
5.19	4.15	3.7	3.77	-0.26056	0.335697
5.36	4.7	5.12	5.08	-0.0791	0.673627
181.39	190.55	159.59	169.03	-0.12547	0.262273
0	0	0	0	NA	NA
323.24	162	194.96	171.96	-0.90479	2.01E-25
1.68	12.02	10.37	10.48	2.039886	3.41E-27
62.12	72.27	66.37	65.99	0.110066	0.338487
56.25	46.95	54.56	50.63	-0.04511	0.778362
2.39	2.15	1.51	1.34	0.06647	0.829981
0.73	0.32	0.53	0.49	-0.69157	0.115967
15.09	15.24	14.61	15.55	-0.00019	0.998927
55.11	56.7	58.11	55.79	-0.0003	0.998212
20.15	17.03	16.72	13.54	-0.21337	0.050517
6.89	6.22	7.11	6.44	-0.26046	0.42098
0.01	0.01	0.02	0.01	NA	NA
26.68	24.52	21.3	23.49	-0.11199	0.397273
10.64	12.15	11.13	11.36	0.049527	0.740468

0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.35	13.79	14.83	12.82	-0.05057	0.829486
0.25	0.34	1.2	1.11	0.556876	0.333214
0.93	0.1	0.41	0.1	-1.00804	0.11511
16.33	14.42	15.7	12.82	-0.20343	0.249197
0	0	0	0	NA	NA
319.7	183.51	225.83	206.89	-0.73833	7.99E-16
0.08	0.58	0.28	0.06	0.374754	0.630121
0	0	0	0	NA	NA
9.18	8.52	10.3	9.57	0.136214	0.427918
2.24	3.48	3.13	3.5	0.394867	0.02098
26.51	20.54	22.48	21.59	-0.33959	0.001055
10.5	6.46	5.92	5.16	-0.73719	5.62E-06
10.46	15.84	9.19	12.29	0.295401	0.261904
150.85	644.43	517.74	627.04	1.840016	2.31E-17
42.18	36.82	42.9	37.15	-0.19561	0.133395
0.1	0	0.1	0.05	NA	NA
21.55	30.81	27.88	28.1	0.573419	3.48E-07
56.72	74.29	72.55	76.51	0.281239	0.000735
12.5	7.23	6.52	6.81	-0.27853	0.374469
42.19	49.61	38.59	43	-0.08147	0.612623
3.86	2.8	3.92	3.38	-0.07186	0.835052
0	0	0	0	NA	NA
0.47	0.64	0.64	0.85	0.032459	0.958008
0	0	0	0	NA	NA
9.01	8.01	9.36	7.73	-0.12599	0.43754
3.62	5.21	4.75	4.67	0.12502	0.582334
18.94	16.94	19.51	19.76	-0.07827	0.598827
2.17	1.83	1.54	1.79	-0.23976	0.446465
5.69	4.97	4.21	4.89	-0.34178	0.099824
12	7.92	10.5	7.73	-0.41021	0.000212
205.35	20.05	28.52	21.74	-3.05985	1.79E-124
33.54	0.89	1.42	1.28	-4.74712	1.07E-48
0	0.02	0	0.06	NA	NA
7.81	6.41	7.8	8.49	-0.27604	0.08817
0.37	0.25	0.16	0.84	-0.24162	0.734012
0.04	0	0	0	NA	NA
2.4	4.44	2.34	3.32	0.288336	0.363343
488.55	191.56	298	280.07	-1.05343	4.85E-15
0	0.68	0.18	0.14	NA	NA
0	0	0	0	NA	NA
45.56	75.57	60.1	72.22	0.470255	7.59E-09
24.94	26.27	23.96	26.34	0.028624	0.876436
0.68	0.25	0.36	0.51	-0.68652	0.298448

0	0	0	0	NA	NA
6.13	3.85	3.64	3.95	-0.31226	0.01058
61.58	72.35	80.01	70.58	0.26844	0.008581
19.99	24.66	25.16	26.6	0.256526	0.062063
17.51	19.8	18.38	15.59	-0.08433	0.654414
21.49	25.52	20.78	21.88	-0.05755	0.782973
10.44	9.91	10.07	9.81	-0.07402	0.668483
37.68	45.21	48.02	49.86	0.338423	4.80E-05
5.25	4.46	4.41	3.96	0.063193	0.862825
57.59	75.88	73.47	74.26	0.246411	0.01047
7.77	5.99	5.86	7.19	-0.26683	0.191296
193.88	107.31	131.13	126.46	-0.70462	2.53E-16
42.65	32.11	34.98	33.12	-0.27289	0.008587
0	0	0	0	NA	NA
0.05	0	0.07	0	NA	NA
20.95	25.04	23.94	27.7	0.233837	0.064723
45.47	62.21	53.7	57.86	0.184683	0.072419
17.34	26.83	22.46	23.83	0.455678	4.30E-05
0	0	0	0	NA	NA
13.71	24.82	20.29	23.51	0.634041	1.06E-10
137.91	117.59	132.9	124.35	-0.23276	0.006731
15.46	34.75	24.27	31.86	0.795855	5.23E-10
0.63	0.48	0.71	0.29	-0.65162	0.22547
14.39	24.1	13.61	18.17	0.364395	0.033269
0	0.16	0	0	NA	NA
6.78	5.17	5.1	4.18	-0.36213	0.004811
1.95	2.02	1.52	1.81	-0.07283	0.848408
8.67	6.43	10.97	10.07	0.017978	0.944533
26.58	29.29	30.08	27.64	0.174972	0.072688
10.27	7.1	7.73	7.75	-0.43295	0.015918
15.76	15.5	14.59	15.15	-0.01109	0.94312
5.54	3.16	4.06	3.7	-0.87707	1.32E-09
8.81	4.23	4.77	4.49	-1.008	3.17E-24
0.95	0.45	0.75	0.59	-0.82583	0.007132
0.35	0.34	0.41	0.32	0.106119	0.84141
11.6	20.11	16.07	17.42	0.403035	2.50E-05
102.77	131.34	109.04	107.6	0.218616	0.094126
1.44	0.69	0.9	0.85	-0.7832	0.001386
3.4	0.13	0.05	0.21	-4.38399	2.08E-30
7.47	0.09	0.09	0.11	-5.52745	8.39E-63
14.4	1.04	2.93	2.45	-2.28779	5.95E-10
15.52	19.88	18.31	20.54	0.396631	0.000126
0	0	0.16	0.18	NA	NA
70.09	48.62	66.33	58.38	-0.30917	0.020509
8.02	7.66	7.46	8.18	-0.06325	0.735697

0.38	0.14	0.19	0.05	-0.40072	0.604705
6.98	3.43	5.16	3.59	-1.12359	3.13E-19
0	0	0	0	NA	NA
6.55	8.06	8.49	9.44	0.1701	0.382448
74.18	127.94	121.56	122.45	0.654403	3.53E-17
44.68	56.81	46.97	47.43	0.025762	0.89455
9.58	7.15	8.38	6.81	-0.13754	0.497796
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.05	8.12	4.71	6.8	-0.398	0.162315
11.67	10.63	10.65	9.8	-0.25512	0.031887
17.89	11.76	13.63	13.17	-0.41122	2.55E-06
8.74	10.09	8.66	10.97	0.119227	0.438529
0.05	0.12	0.17	0.01	NA	NA
5.23	3.91	3.99	4.6	-0.4604	0.000224
0.02	0	0.04	0.01	NA	NA
17.69	26.08	22.94	21.99	0.475848	7.90E-07
18.78	23.93	20.74	22.17	0.291057	0.024457
0	0	0	0	NA	NA
0.8	0.33	1.11	0.67	0.027309	0.97459
15.85	21.53	21.93	22.15	0.207768	0.062619
0.85	0.18	0.48	0.35	-0.93911	0.123601
25.47	37.47	31.2	32.35	0.309193	0.008807
11.84	12.2	12.17	12.79	0.056109	0.643555
14.9	12.34	15.07	15.17	-0.22873	0.039338
0	0	0	0	NA	NA
3.18	4.96	4.43	5.66	0.554325	0.000206
239.19	278.82	274.31	280.35	0.221401	0.00775
0	0.03	0.13	0.02	NA	NA
14.51	23.46	16.81	21.86	0.543709	1.63E-05
29.77	51.44	44.31	45.55	0.838134	1.85E-12
11.8	17.32	13.36	17.17	0.277593	0.033273
61.15	62.98	60.88	60.99	0.060113	0.623018
0.94	0.77	1.47	0.56	-0.4429	0.120437
9.46	13.7	12.85	13.24	0.324536	0.000265
0	0	0	0.02	NA	NA
66.77	5.48	9.52	7.38	-3.19644	4.73E-94
17.45	16.44	19.24	19.74	0.044904	0.729856
13.08	16.97	20.63	21.23	0.547716	2.83E-06
16.34	15.22	14.95	15.39	-0.14481	0.178292
3.98	5.94	5.4	5.02	0.561188	0.004081
14.09	14.86	14.85	18.68	0.107286	0.677027
111.53	74.79	75.41	82.79	-0.36542	3.09E-06
20.26	36.89	31.15	33.23	0.638341	1.68E-09
70.04	40.34	69.93	53.77	-0.3984	0.01317

1.72	2.68	2.4	2.21	0.328673	0.156217
0	0	0	0	NA	NA
1.67	1.56	0.93	1.66	-0.47871	0.164486
0.04	0	0.05	0.12	NA	NA
43.42	34.07	38.37	34.83	-0.41214	9.69E-06
19.77	18.7	19.05	16	-0.12884	0.42696
41.18	10.81	20.92	17.45	-1.19813	8.49E-20
8.31	14.63	13.12	13.56	0.758325	4.91E-17
5.89	5.97	7.21	6.94	-0.01181	0.956754
93.74	23.68	56.58	35.37	-1.24857	0.000599
26.75	26.35	24.5	26.56	0.04269	0.751876
70.24	80.17	79.84	79.19	0.176352	0.021849
0	0.17	0.17	0.03	NA	NA
0.19	0.37	0.29	0.26	0.229674	0.57309
1.72	2.05	1.4	1.99	0.027908	0.949887
17.06	15.76	17.87	16.62	-0.02261	0.900706
17.87	22.36	24.01	23.25	0.342602	0.006117
17.71	23.58	27.66	25.52	0.441832	5.92E-05
5.63	8.68	5.57	7.5	0.25166	0.12559
9.15	9.7	8.39	9.03	0.046849	0.861405
10.55	13.42	11.45	11.56	0.393958	0.004721
0	0	0.01	0	NA	NA
12.89	26.48	21.76	26.74	0.708301	1.05E-10
0.13	0.17	0.13	0.15	-0.10285	0.890364
57.46	24.47	23.31	23.65	-1.3753	7.42E-60
0.19	0.13	0.19	0.28	1.120468	0.046111
41.25	25.13	30.34	27.66	-0.64772	6.11E-12
19.08	21.9	21.28	19.76	-0.05774	0.687066
23.71	17.54	15.22	15.91	-0.22219	0.037235
13.29	13.19	12.49	13.42	0.010521	0.952655
10.19	28.12	19.71	22.18	1.090019	1.48E-16
414.74	48.66	61.26	56.84	-3.08679	7.26E-136
31.64	12.99	18.04	17.35	-0.93428	7.15E-17
0	0.03	0	0	NA	NA
3.79	3.49	3.91	3.61	0.364068	0.071645
45.9	44.95	49.9	51.05	-0.06015	0.621689
41.52	63.92	60	67.45	0.377092	3.12E-06
9.34	24.58	19.89	22.72	1.144085	1.87E-15
13.85	16.16	16.62	16.89	0.105243	0.492779
0	0	0	0	NA	NA
12.55	14.26	14.3	13.21	-0.14493	0.558304
14.49	15.59	15.14	14.46	0.003095	0.984462
0.34	0.14	0.2	0.34	-0.415	0.575232
18.59	20.17	18.09	19.95	-0.02918	0.827737
65.49	37.79	46.12	38.22	-0.82229	5.91E-25

0.67	0.29	0.36	0.4	-0.7417	0.018191
6.69	6.37	6.81	7.15	0.060669	0.829492
39.36	38.82	33.52	35.43	-0.10324	0.505147
8.6	7.5	7.92	7.64	-0.12148	0.40454
1.82	1.94	2.24	2.32	0.100598	0.637183
9.92	11.95	12.07	11.8	0.259825	0.032422
8.33	6.73	6.72	6.42	-0.26209	0.186876
11.94	12.9	12.75	13.84	0.1438	0.218346
12.56	19.51	19.07	17.83	0.522751	7.33E-07
5.44	6.35	4.37	4.8	-0.12038	0.521446
13.63	13.72	14.52	13.74	-0.09098	0.62424
2.89	3.39	3.42	3.73	-0.02787	0.921986
0.04	0	0.01	0.01	NA	NA
21.56	24.3	21.85	25.17	0.079292	0.516817
21.34	36.87	27.55	33.15	0.617362	2.32E-07
10.35	10.31	10.02	9.76	-0.12571	0.547437
19.5	13.63	13.09	14.52	-0.51166	2.22E-05
147.86	65.48	118.93	96.93	-0.4374	0.005082
11.29	13.9	12.52	13.03	0.042258	0.810283
27.75	42.07	40.61	40.82	0.402373	0.000248
0	0	0	0	NA	NA
15.5	18.09	14.7	18.09	0.286522	0.006587
29.29	28.5	33.51	34.65	-0.11096	0.346125
13.94	14.67	14.56	15.05	0.10418	0.400635
20.12	25.33	23.31	22.49	0.082779	0.521446
6.31	7.07	8.11	5.16	0.369431	0.031362
10.49	7.21	8.39	7.82	-0.42756	3.01E-05
14.14	18.1	16.3	15.55	0.090823	0.556392
53.14	34.78	42.84	45.52	-0.33375	9.16E-05
9.49	24.15	19.3	23.6	0.685612	1.40E-06
929.98	933.43	865.32	877.86	-0.11643	0.185088
29.23	46.33	42.91	49.54	0.607732	1.60E-14
1.16	1.96	1.64	1.16	0.067732	0.919582
20.13	16.77	15.79	16.45	-0.35307	0.002283
5.49	2.93	4.22	3.35	-0.58419	0.003934
30.99	38.59	32.97	36.24	0.260782	0.012476
0.48	0.08	0	0	-1.18117	0.055388
2.67	2.8	2.73	2.49	-0.07952	0.718036
0	0	0	0	NA	NA
0	0.14	0.08	0	NA	NA
0	0	0	0	NA	NA
20.28	15.74	19.72	19.51	0.091573	0.400034
13.3	15.78	14.15	16.21	0.009497	0.955079
1293.34	1136.41	1196.28	1101.95	-0.22645	0.003405
5.16	6.64	6.51	6.12	0.291513	0.019789

0.14	0.97	0.28	0.49	0.94258	0.092102
24.15	28.38	26.78	26.86	0.076816	0.503565
0.91	407.14	74.4	212.96	4.984555	1.80E-24
40.08	47.84	43.16	42.83	0.157881	0.136236
22.43	25.15	23.76	26.03	0.115356	0.277603
1.85	2.03	2.41	2.12	-0.04126	0.912249
1.96	0.27	0.58	0.1	-2.06581	1.55E-07
0.23	0.51	0.23	0.18	0.095692	0.893545
1	1.04	0.72	0.89	-0.18822	0.649726
1.35	0.11	0.22	0.2	-2.37375	4.96E-09
13.92	10.38	10.13	8.59	-0.44763	0.01553
4.59	0.48	1.95	1.13	-1.35557	0.000132
10.6	10.05	11.35	9.65	-0.1215	0.363946
12.08	12.95	13.42	13.53	0.088149	0.495779
0.17	0.72	0.36	0.77	1.845211	0.000306
24.14	27.07	26.61	26.63	0.074263	0.57335
0	0	0	0	NA	NA
2.14	3.65	3	4.03	0.575207	0.065198
91.01	72.53	89.07	66.12	-0.32047	0.000408
19.86	30.26	26.02	25.9	0.356485	0.000569
9.06	9.34	8.88	8.02	-0.0133	0.953663
0	0	0	0	NA	NA
14.71	16.8	13.72	15.76	0.079192	0.604506
4.29	4.67	6.74	4.01	-0.18313	0.560333
0	0	0	0	NA	NA
38.8	44.07	41.71	37.68	-0.04082	0.790851
42.26	27.63	32.89	29.59	-0.40793	0.000227
11.01	9.26	7.09	6.58	-0.1857	0.294481
22.25	21.76	16.83	21.93	-0.20463	0.31311
15.44	12.1	13.7	13.86	-0.07923	0.732325
1.76	2.49	2.34	2.3	0.312271	0.099359
28.26	60.82	42.02	49.75	0.292558	0.021812
10.86	12.58	12.39	12.3	0.229019	0.01771
0.16	0.52	0.38	0.43	0.231981	0.763311
1.93	4.64	3.26	4.14	0.53753	0.146855
0	0	0	0	NA	NA
537.19	410.74	520.45	455.55	-0.28653	0.001599
46.65	55.26	48.29	50.72	0.233781	0.024364
26.82	31.03	27.86	28.04	0.115894	0.387704
14.88	26.02	23.33	22.87	0.574129	8.41E-07
0.07	0.1	0.05	0.14	-0.13797	0.877298
8.82	9.19	9.24	9.61	0.204052	0.059382
13.02	21.62	12.96	16.62	0.302006	0.032618
43.49	40.92	41.4	39.34	0.044859	0.790851
0.57	0.08	0.05	0.04	-2.56126	3.82E-11

18.7	13.8	13.95	13.88	-0.36016	0.002843
125.09	108.91	139.02	136.63	0.003791	0.981982
10.96	14	14.36	16.27	0.236553	0.067777
33.27	39.79	39.12	41.37	0.32421	0.000162
6.58	10.61	6.36	9.77	0.44016	0.132042
12.21	11.05	12.44	12.65	-0.08671	0.662206
16.84	23.67	22.09	23.77	0.315112	0.0015
10.36	12.09	13.38	11.71	0.076152	0.62424
0.38	0.07	0.21	0.04	-1.60805	0.005364
27.76	26.84	25.46	25.56	-0.07665	0.557719
1.45	1.96	2.23	3.13	0.458924	0.257881
5.59	9.26	8.37	8.16	0.402304	0.041591
15.5	13.27	12.88	12.1	-0.1714	0.421309
16.16	18.15	15.54	15.03	0.115091	0.468064
251.92	381.41	347.17	359.67	0.547259	3.21E-15
6.71	5.96	7.39	5.5	0.035312	0.899733
5.66	6.87	6.39	6.69	0.156039	0.339284
21.67	31.24	25.66	27.51	0.293563	0.019851
355.74	303.41	316.51	374.19	-0.19891	0.068319
0	0.14	0.05	0.2	1.473381	0.012907
5.78	247.88	136.03	213.4	4.5455	1.49E-64
247.11	3163.25	1843.24	2473.25	3.107943	7.03E-47
0.71	2.53	1.26	1.85	1.55195	0.000473
0	0.41	0.09	0.11	NA	NA
3.5	4.35	3.99	4.07	-0.02604	0.931947
0	0	0	0	NA	NA
5.39	4.23	4.68	5.23	-0.56598	0.002444
13.02	13.32	12.91	12.65	0.044059	0.792338
98.96	87.51	92.69	87.86	-0.16812	0.056558
59.04	65.78	64.21	66.7	0.149678	0.09381
0.08	0	0	0	NA	NA
0.89	0.53	0.73	0.83	-0.61933	0.164698
18.31	17.97	17.54	17.87	0.015751	0.931254
48.91	40.96	50.63	46.8	-0.15046	0.163857
0	0.07	0.04	0.06	NA	NA
14.29	13.45	14.96	13.41	-0.27803	0.009976
0.4	0.19	0.26	0.45	-0.68883	0.292004
18.41	23.65	22.77	23.42	0.236393	0.01097
2744.15	723	1235.62	1123.69	-1.53383	2.34E-11
0.13	0.45	0	0.46	NA	NA
0.54	0.34	0	0.71	-1.12882	0.056971
29.16	36.86	33.57	34.1	0.145089	0.405016
374.05	224.5	274.05	250.22	-0.62666	2.75E-13
25.69	44.97	38.09	39.68	0.567422	3.22E-09
1.31	1.07	1.19	1.09	-0.26366	0.380678

0	0	0	0	NA	NA
23.11	28.06	23.54	25.03	-0.06786	0.623956
3.92	10.21	10.83	10.93	1.086235	5.83E-16
55.63	47.14	52.9	46.69	-0.09149	0.412337
0	0	0	0	NA	NA
3.08	3.58	4.09	4.61	0.398435	0.021491
18.22	15.92	15.75	17.49	-0.02172	0.898146
23.91	29.9	29.31	30.77	0.227507	0.011865
0	0	0	0	NA	NA
25.7	22.99	23.53	21.55	0.061754	0.650646
0	0.02	0.01	0	NA	NA
0.04	0.32	0.03	0.05	NA	NA
150.87	219.11	188.92	200.6	0.450159	2.17E-07
16.32	9.76	12.39	10.52	-0.66647	4.33E-09
31.97	19.25	22.81	18.41	-0.87404	1.35E-17
203.37	208.68	206.95	207.62	-0.04751	0.637572
0	0	0	0	NA	NA
2.8	11.02	7.44	8.38	1.681463	1.79E-24
16.93	14.49	14.54	17.2	-0.19883	0.264326
18.22	16.16	17.43	18.16	-0.3304	0.009801
0.57	0.25	0.17	0.09	-1.50383	0.003002
8.8	9.47	9.84	8.68	-0.05302	0.842024
171.11	86.47	111.23	110.5	-0.78365	2.00E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.88	8.46	9.01	8.57	0.252607	0.200966
0.83	0.25	0.83	0.91	0.469309	0.456741
21.73	20.23	23.02	21.1	0.061448	0.738866
4.7	6.95	5.43	7.12	0.388174	0.008625
39.46	8.44	17.56	14.18	-1.32053	8.38E-06
19.45	21.29	19.52	20.94	0.092785	0.440153
30.06	36.98	29.61	31.2	0.086023	0.627882
9.06	2.13	2.17	2.11	-1.98571	9.93E-27
6.33	9.98	9.08	9.96	0.539677	4.06E-06
48.15	48.38	48.51	45.46	-0.0577	0.633185
0	0	0	0	NA	NA
19.4	20.24	20.32	23.47	0.025743	0.884731
41.36	17.73	32.84	25.76	-0.74603	0.008908
26.68	29.86	30.15	33.02	0.10044	0.324831
91.53	90.2	95.9	97.04	-0.11485	0.251371
11.57	14.94	12.87	14.18	0.302941	0.016889
0	0	0	0	NA	NA
11.21	14.71	11.87	13.09	0.403105	0.006339
0	0	0	0	NA	NA
0	0	0	0	NA	NA

24.96	34.99	26.18	26.59	0.141571	0.252682
64.29	86.22	80.71	82	0.334498	0.000256
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.68	12.52	20.79	16.25	-0.27576	0.043171
5.64	7.78	5.97	5.42	0.055338	0.787231
2.5	0.17	0.2	0.06	-2.97593	1.38E-11
0	0	0	0	NA	NA
0	0	0	0	NA	NA
24.94	30.29	25.08	25.47	0.25377	0.086738
1.3	0.15	0.62	0.19	-1.02625	0.101304
9.09	3.69	4.98	4.01	-0.78532	4.69E-09
23.2	20.01	23.27	22.9	-0.07974	0.608626
1.18	2.18	3.76	4.96	1.217194	0.013578
14.22	29.28	26.48	30.77	1.024013	7.70E-26
0.15	5.76	2.54	3.86	1.767146	0.001728
25.73	23.6	27.92	26.64	-0.02028	0.897882
127.91	131.6	125.69	137.43	0.131522	0.158983
5.9	1.55	1.98	2.19	-1.43955	3.01E-12
15.47	14.12	15.53	13.62	-0.04645	0.789892
44.48	34.46	39.35	30.66	-0.33478	0.028379
0	0	0	0	NA	NA
17.56	16.11	15.17	15.89	-0.083	0.465481
19.6	14.61	17.19	14.22	-0.29787	0.026579
0.69	1.29	0.93	1.21	0.799595	0.003238
5.2	5.12	4.73	5.99	-0.21391	0.172931
10.06	18.02	13.78	15.28	0.466851	0.001043
0	0	0	0	NA	NA
28.79	19.78	25.59	24.79	-0.33588	0.004431
871.08	753.62	814.75	724.13	-0.20274	0.025597
12.1	11.04	7.93	8.78	-0.22088	0.191296
9.59	66.03	49.26	54.84	2.380208	8.47E-68
11.28	20.25	19.28	20.39	0.567945	9.84E-05
8.83	9.62	10.44	7.97	0.217007	0.369321
26.81	28.11	27.49	27.68	0.20981	0.193482
25.58	30.73	34.16	33.81	0.357934	1.40E-05
2.11	2.38	2.58	3.49	0.123533	0.706157
19.54	28.48	24.17	24.4	0.345378	0.000549
37.64	43.78	44.4	44.44	0.24989	0.004172
47.15	11.04	16.35	12.17	-1.88777	1.40E-47
2.2	2.32	2.76	3.08	0.074456	0.771534
6.21	6	5.46	5.47	-0.27155	0.154923
14.67	10.97	12.95	12.2	-0.28718	0.004388
4.12	1.38	2.11	2.75	-0.93941	0.000418
8.88	6.72	9.73	9.58	-0.13345	0.413631

0.33	0.09	0.07	0.03	-1.44746	0.012629
5.78	4.25	3.76	3.44	-0.12266	0.654603
0	0.02	0.01	0	NA	NA
8.11	8.47	9.76	9.14	0.18508	0.133131
66.03	22.47	26.9	23.91	-1.22082	1.61E-49
8.88	15.61	10.11	12.02	0.211081	0.230403
0.05	0.03	0.12	0.02	NA	NA
39.52	34.81	36.36	37.03	-0.15914	0.141627
2.11	2.25	3.12	2.22	-0.18437	0.596633
33.31	6.71	11.96	9.67	-1.56185	2.07E-22
11.71	25.16	19.65	20.01	0.405872	6.00E-05
0	0.08	0.14	0.05	NA	NA
5.82	8.7	8.03	8.69	0.496482	0.000145
0.37	0.1	0.13	0.1	0.26132	0.744464
15.03	14.41	13.45	13.88	-0.07933	0.658941
12.39	16.41	15.09	15.57	0.378236	0.000119
79.21	54.7	58.68	58.69	-0.44072	6.14E-08
1.87	0.89	1.42	1.09	-1.27041	2.76E-05
0.11	0.12	0.27	0.05	-0.58282	0.399481
31.26	40.69	33.81	37.51	0.216146	0.054291
0.08	0.32	0.18	0.25	1.55374	0.005098
0	0	0.02	0.01	NA	NA
32.55	11.01	12.28	12.52	-1.67866	5.17E-32
0	0	0	0	NA	NA
27.54	32.72	30.19	27.54	0.144031	0.365954
45.26	162.37	89.33	112	1.323199	2.30E-07
2.84	2.41	3.57	2.65	0.188247	0.568717
0	0.02	0.02	0	NA	NA
5.51	3.58	3.39	3.33	-0.62718	0.002474
14.98	24.9	26.33	25.45	0.622865	8.42E-09
68.3	55.74	70.61	61.38	-0.10619	0.40892
33.86	32.86	33.36	36.61	0.096491	0.40718
0.3	0.27	0.32	0.63	0.190059	0.703505
19.1	11.67	11.91	11.29	-0.7384	4.26E-11
0	0	0	0.05	NA	NA
1.18	0.38	0.64	0.51	-0.94415	0.00858
0	0.01	0.01	0.01	NA	NA
589.45	565.03	597.52	567.01	-0.04785	0.638027
0	0	0	0	NA	NA
12	8.73	7.8	7.12	-0.65374	1.76E-07
22.01	25.3	18.96	22.72	0.094503	0.612623
19.3	14.63	14.93	15.41	-0.37081	0.000245
7.75	8.18	7.35	8.29	0.002511	0.99316
9.25	44.72	21.67	33.43	1.871047	5.06E-10
1.61	0.61	0.27	0.44	-1.53063	1.23E-08

5.59	8.69	7.72	7.79	0.313288	0.014429
18.09	33.39	25.27	25.34	0.465841	6.02E-05
16.76	19.86	19.09	19.2	0.280276	0.003219
12.55	10.4	12.14	12.91	0.008811	0.968592
5.6	6.14	7.87	6.88	-0.09119	0.760718
6.49	7.54	6.72	6.3	-0.03362	0.908355
10.62	10.66	9.94	11.76	0.042801	0.807531
10.38	8.21	7.08	7.61	-0.23261	0.25627
21.01	22.07	22.83	22.25	0.135952	0.216188
0.54	0.72	0.54	0.7	-0.10164	0.891946
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
22.1	41.02	31.93	32.05	0.536169	7.21E-06
19.43	13.09	10.98	13.18	-0.64915	1.71E-11
18.91	137.12	69.52	110.76	2.274114	3.30E-17
8.79	10.5	9.76	9.73	0.078838	0.690157
31.45	37.27	33.96	32.34	0.1591	0.156964
40.55	42.74	39.74	41.29	-0.06563	0.592747
0	0	0	0	NA	NA
0.87	0.27	0.4	1.05	-0.81046	0.150435
12.9	15.3	14.3	15.28	0.003637	0.9867
10.33	9.95	8.72	10	-0.0008	0.997475
0	0	0	0	NA	NA
14.48	17.8	18.55	16.31	0.041304	0.874956
0.39	3.02	1.64	2.3	1.646756	0.000534
12.51	27.73	25.09	25.89	1.001486	4.70E-19
19.23	9.62	13.83	10.91	-0.82417	2.09E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.42	10.77	9	10.77	-0.27026	0.014746
12.57	10.52	12.05	9.18	-0.49433	6.91E-05
2.13	2.24	1.68	2.29	-0.12037	0.62424
234.19	268.84	265.64	266.28	0.12919	0.09814
0	0	0	0.02	NA	NA
0.23	1.44	1.37	1.13	2.29084	7.31E-10
23.39	31.77	27.36	28.9	0.464428	0.000242
10.89	10.25	9.51	10.52	0.00551	0.97502
27.52	28.86	29.39	27.82	0.050901	0.64449
0.32	0.12	0.16	0.35	-0.32277	0.688803
3.31	4.49	4.02	5.01	0.434052	0.000206
2.74	5.09	3.51	4.29	0.576896	0.002191
21.52	18.51	17.77	19.24	-0.15269	0.108943
0.87	2.45	2.63	2.68	1.502444	1.43E-24
19.82	12.46	16.83	17.85	-0.24636	0.069966

7.87	12.66	10.13	17.97	0.422086	0.006717
0.59	0.99	1.2	1	0.282854	0.237748
46.92	35.31	42.28	37.3	-0.36968	0.001893
10.33	11.1	10.09	12.62	-0.21615	0.257278
0	0	0	0	NA	NA
10.26	4.44	7	7.06	-0.6146	0.001273
0	0	0	0	NA	NA
145.59	96.3	109.25	113.26	-0.54564	1.04E-08
7.45	9.28	8.16	6.92	-0.14688	0.259514
7.17	23.31	18.11	21.35	1.172003	5.69E-26
27.95	34.31	33.25	33.68	0.293527	0.028383
10.38	9.24	9.65	8.11	-0.23269	0.077006
47.79	45.47	45.46	51.04	-0.13553	0.154853
9.24	10.26	9.34	8.8	-0.21333	0.257974
532.13	306.08	378.53	350.28	-0.7096	5.07E-17
1.58	5.19	4.4	4.44	1.518731	2.67E-14
0	0	0.03	0	NA	NA
0.85	1.81	1.62	1.99	1.454564	6.15E-06
0.88	1.08	0.99	1.41	1.018779	0.087089
0.16	0.21	0.11	0.11	1.458818	0.011398
84.03	106.41	100.25	107.77	0.227219	0.011831
8.84	20.07	13.28	16.96	0.731067	1.06E-06
453.05	439.38	469.46	403.17	-0.07982	0.48467
31.35	37.49	38.15	34.55	0.129181	0.350175
16.98	19.12	15.82	16.98	-0.01258	0.930085
39.34	50.63	46.97	46.78	0.250085	0.068527
22.52	33.29	30.21	33.42	0.27691	0.011862
6.15	6.91	7.07	6.59	0.115126	0.602234
0.12	0.06	0.09	0.09	-0.29683	0.627366
6.72	5.4	6.25	4.84	-0.50989	3.28E-05
30.12	24.24	26.57	22.45	-0.33112	0.001741
0.09	0.13	0.12	0.11	0.225862	0.784751
0.11	0.35	0.26	0.45	1.574793	0.003358
0.3	0.09	0.1	0.3	-0.70907	0.106397
40.58	47.8	41.7	44.8	0.073797	0.626953
52.5	42.35	46.99	48.75	-0.29216	0.002857
30.38	64.19	53.26	62	0.87966	3.27E-21
8.73	4.52	6.28	5.41	-0.48701	0.001083
0	0	0	0	NA	NA
10.53	11.46	12.55	13.66	0.203962	0.084213
7	8.3	7.78	8.2	0.200892	0.325155
12.54	13	11.61	12.15	-0.15516	0.364752
2.93	1.67	1.59	1.48	-0.88768	0.000123
77.66	57.85	67.64	69.05	-0.28076	0.000336
6.21	2.15	3.81	3.07	-0.98439	3.05E-07

0	0	0	0 NA	NA	
20.76	35.6	28.51	34.08	0.644674	1.17E-11
0.3	0.18	0.15	0.17	-0.82624	0.131398
33.81	19.61	23.79	19.31	-0.57333	2.08E-11
20.63	52.84	41.43	47.61	1.12811	1.52E-26
27	45.57	37.3	41.24	0.459436	1.25E-07
8.81	3.52	5.31	4.95	-0.9846	3.71E-09
8.14	13.6	11.83	13.84	0.597502	2.51E-08
11.92	9.54	10.68	12.28	-0.12825	0.339087
0	0	0	0 NA	NA	
0.07	1.13	0.28	1.17	2.04206	0.000331
190.08	205.67	198.98	194.29	0.050755	0.620055
58.38	75.2	75.73	72.22	0.327989	7.84E-05
0	0	0	0 NA	NA	
2.31	2.49	2.43	2.13	0.045354	0.886918
24.2	31.89	34.46	35.08	0.293959	0.004976
0.18	0.58	0.54	0.43	1.288864	0.010291
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.01	0	0 NA	NA	
85.33	12.82	19.27	14.85	-2.4203	7.35E-88
0.16	0.02	0.19	0.15	-1.22663	0.043278
47.47	23.92	27.19	28.51	-0.91106	9.77E-30
1.34	3.43	3.62	2.52	1.365872	8.41E-07
0.29	0.52	0.21	0.22	-0.22997	0.655139
39.41	33.49	40.06	37.18	-0.12186	0.321112
35.99	27.41	30.89	27.43	-0.34167	0.000532
14.58	19.82	18.09	16.29	0.42581	0.000387
0	0.36	0.31	0.24	1.202644	0.052635
0.83	0.32	0.16	0.45	-0.54675	0.367991
4.74	9.98	10.33	9.71	0.281515	0.289276
2.28	5.02	3.38	3.34	0.61718	0.003602
15.79	12.36	15.23	12.96	0.100795	0.615027
1.91	0.61	1.54	0.73	-0.93561	0.000787
4.15	2.87	4.17	3.64	0.098541	0.850501
0	0.01	0.05	0.02 NA	NA	
4.08	2.93	3.18	2.44	-0.07815	0.783179
117.03	140.06	125.25	116.32	0.117029	0.339087
9.05	10.23	8.35	8.64	-0.03177	0.925002
45.7	39.45	41.02	36.19	-0.1345	0.410735
0	0	0	0 NA	NA	
0	0	0	0.07 NA	NA	
0.93	0.6	0.23	0.66	-0.09969	0.90252
0	0	0	0 NA	NA	
6.8	23.16	13.39	19.76	1.294975	2.96E-17

0.32	0.43	0.1	0.34	0.061104	0.948254
12.17	8.69	10.15	8.93	-0.21218	0.171754
0	0.01	0.01	0.01	NA	NA
3.28	9.73	5.13	8.5	1.168803	4.91E-13
16.16	16.07	14.19	14.53	-0.13246	0.297505
6.81	5.08	5.81	6.29	-0.28771	0.079477
39.66	81.41	63.12	72.16	0.76817	4.88E-12
13.86	13.86	13.26	12.83	-0.16542	0.199892
0	0	0	0	NA	NA
4.53	4.83	4.5	5.34	0.270668	0.063962
0.66	0.17	0.09	0.15	-1.38159	0.009382
0.08	0.59	0.32	0.51	-0.38716	0.614068
81.7	72.22	72.06	73.92	-0.20702	0.011206
11.51	8.36	8.11	9.18	-0.13448	0.52917
104.2	129.4	134.77	121.8	0.224217	0.016935
3.81	3.12	2.82	4.38	0.099892	0.704099
5.8	5.59	6.55	9.03	-0.01179	0.969911
0.92	0.93	0.79	1.41	1.084319	0.003893
629.98	523.49	849.27	650.66	-0.0814	0.826744
0	0	0	0	NA	NA
18.24	10.4	19.55	15.98	-0.40151	0.059795
7.98	10.38	9.83	8.74	0.228898	0.151876
16.72	15.6	17.5	15.55	-0.18494	0.171037
7.87	9.41	8.87	6.67	0.140496	0.489603
23.64	23.67	24.01	27.46	0.010522	0.941277
0	0	0	0	NA	NA
0.04	0.09	0.02	0.02	NA	NA
9.34	12.97	12.98	10.28	0.183467	0.135461
8.54	8.74	8.33	10.72	0.222629	0.099083
0	0.08	0	0.01	NA	NA
3.12	2.61	4.32	3.78	-0.10805	0.766489
14.08	16.21	17.08	16.85	0.148671	0.223214
3.16	0.49	0.89	1.8	-1.98846	2.91E-22
69.19	67.78	64.88	63.73	-0.02613	0.844576
0.17	0.41	0.48	0.12	-0.93982	0.128121
48.86	39.15	50	42.28	-0.25811	0.002244
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
59.62	56.38	55.69	57.16	-0.10231	0.268286
5.77	3.53	5.19	3.78	-0.47467	0.035436
11.56	11.69	11.28	9.03	-0.01643	0.946967
28.9	28.93	33.01	32.31	-0.03631	0.813043
2.45	3.21	2.98	2.99	0.184977	0.390114
20.27	18.8	19.87	19.29	-0.07856	0.561504
16.27	24.63	25.18	22.61	0.609365	3.67E-07

82.07	70.18	70.09	66.79	-0.08443	0.547588
4027.23	3388.41	4256.9	3793.63	-0.18058	0.10983
6.83	9.71	9.78	10.53	0.272102	0.091909
58.1	65.67	66.74	65.68	0.145305	0.068311
0.32	0	0	0.07	NA	NA
9.06	13.82	10.63	13.74	0.652771	3.02E-08
51.06	50.25	50.1	44.08	-0.1819	0.096535
28.72	26.44	26.62	27.42	-0.05198	0.763231
1.87	1.72	1.41	1.85	-0.11378	0.811556
0.89	1.11	1.01	1.11	0.085884	0.887423
11.39	22.96	19.55	19.56	0.704336	4.88E-08
23.48	25.88	23.29	26.04	0.110646	0.339279
817.46	836.71	1102.58	996.59	0.1527	0.259053
69.48	50.71	64.14	60.79	-0.18697	0.095223
4.72	6.37	4.5	4.84	0.039044	0.92019
62.31	115.44	127.19	135.2	0.88651	4.10E-17
45.86	35.52	34.62	36.24	-0.4089	1.40E-07
87.77	188.48	148.23	160.18	0.714296	4.63E-09
0	0.09	0.24	0.09	NA	NA
15.44	28.87	31.89	28.31	0.89766	1.41E-17
0.63	0.63	0.76	0.68	0.025999	0.949526
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
8.31	10.23	9.05	10.39	0.168351	0.195795
24.72	44.45	37.12	38.25	0.917379	NA
0.02	0	0.01	0.02	NA	NA
181.25	128.18	148.49	124.26	-0.42539	8.92E-06
8.41	9.88	12.64	9.27	0.075637	0.675253
14.66	16.72	13.9	16.78	0.15839	0.339413
9.42	4.62	6.31	5.56	-0.66304	1.44E-06
0.01	0.1	0.08	0.22	0.026387	0.978168
0.35	0.41	0.42	0.29	-0.15793	0.849773
12.4	6.5	6.86	5.52	-0.86691	1.20E-13
0.07	0.02	0.09	0	-0.90324	0.166341
14.53	18.63	17.99	18.3	0.088436	0.517818
14.14	11.19	11.54	12.14	-0.37548	0.001464
285.62	285.08	277.71	256.42	-0.12823	0.220582
2.32	0	0.58	0.89	-0.67039	0.339087
0	0	0	0	NA	NA
4.19	4.51	4.26	5.6	0.122609	0.56904
61.1	65.47	69.5	67.37	0.132355	0.219226
0.68	0.26	0.65	0.34	-0.26406	0.649563
18.24	16.83	16.72	17.14	0.019081	0.930324
0	0	0	0	NA	NA

102.28	95.12	128.27	120.05	0.148637	0.221633
13.67	19.78	17.37	21.55	0.44883	0.000395
11.94	18.14	16.69	15.71	0.304353	0.031454
0.67	0.33	0.51	0.48	-0.64114	0.003748
30.01	33.85	41.78	39.53	0.302093	0.00225
20.04	17.14	20.05	17.95	-0.26126	0.035994
0.14	0.21	0.05	0	NA	NA
0	0.01	0.03	0	NA	NA
88.58	71.38	80.77	75.51	-0.24304	0.01323
6.5	6.86	6.98	7.29	0.008548	0.975388
0.48	0.17	0.1	0.06	NA	NA
3.4	1.31	1.31	1.66	-0.28277	0.487408
0.65	8.73	4.73	7.59	2.56068	2.23E-13
2.38	1.34	1.81	1.55	-0.23676	0.275663
1.32	5.32	2.9	4.34	1.348007	5.26E-06
6.3	6	5.54	4.83	0.060174	0.829499
3.51	3.36	3.04	3	0.017532	0.953105
0.32	0.07	0.04	0.11	-0.78887	0.224728
1.78	4.25	3.11	3.33	0.72134	0.000134
29.56	29.84	31.53	29.62	0.085873	0.460995
0.08	0.26	0	0.15	0.184261	0.826991
86.82	107.66	101.49	104.09	0.230406	0.002815
30.8	31.5	31.82	30.09	-0.07134	0.695627
5.93	0.21	0.96	0.51	-3.14124	2.12E-23
6.13	9.27	8.26	8.18	0.489503	0.000171
33.82	43.49	45.73	48.16	0.549042	3.51E-12
0.1	0.05	0.06	0.07	NA	NA
14.77	11.86	10.81	11.8	-0.2028	0.046711
9.08	10.49	9.91	9.56	0.214639	0.141625
0.95	0.86	1.01	1.04	-0.07235	0.869818
2.26	2.29	2.26	1.84	-0.19073	0.549989
6.14	10.9	9.91	9.74	0.553168	3.30E-06
12.53	32.92	22.42	27.75	0.962329	2.16E-13
0.03	0	0	0	NA	NA
2.31	2.81	2.28	2.23	-0.16791	0.565783
0	0	0.02	0	NA	NA
0.1	0.03	0.17	0.29	0.277873	0.736131
15.36	21.64	17.39	20.45	0.271599	0.019666
0	0	0	0	NA	NA
15.61	11.8	11.66	11.39	-0.38994	3.05E-05
24.68	14.1	15.22	14.78	-0.73665	3.53E-17
65.63	78.33	74.5	75.91	0.15378	0.125285
819.46	1557.56	1527.89	1592.55	0.816502	3.32E-21
29.46	30.23	30.43	35.78	0.012998	0.950693
0	0	0	0	NA	NA

0	0	0	0	NA	NA
7.05	7.02	7.6	7.47	-0.05978	0.753132
11.39	13.05	14.01	13.6	0.262241	0.058615
0.14	0.62	0.43	0.73	0.345841	0.562579
7.31	10.49	10.19	11.52	0.959227	9.28E-22
3.13	3.17	2.76	2.77	-0.16515	0.33109
43.68	48	42.61	34.76	-0.0206	0.904253
0.34	0.69	0.31	0.41	0.528146	0.365559
3.41	3.66	4.69	4	0.119913	0.283983
0	0	0	0	NA	NA
6.74	6.17	5.93	6.82	-0.10749	0.641333
0	0.01	0	0	NA	NA
0.26	0.53	0.4	0.21	1.887821	1.49E-05
0.85	1.05	0.69	0.85	-0.0072	0.992801
12.03	8.28	10.11	10.3	-0.35394	0.038657
0	0	0.01	0	NA	NA
7.96	8.49	8.83	12.24	0.238305	0.064618
2.77	4.14	3.04	3.65	0.394246	0.030806
6.59	17.75	11.93	14.98	0.953645	2.35E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.03	0.08	0.02	NA	NA
0	0	0	0	NA	NA
5.08	5.97	5.14	6.07	0.149078	0.334623
21.86	13.37	15.16	14.86	-0.43076	0.001734
0	0	0	0	NA	NA
4.45	5.6	5.65	5.85	0.312905	0.042374
60.43	98.98	134.39	99.61	0.637765	1.76E-14
0	0	0	0	NA	NA
13.38	9.77	10.53	10.45	-0.24908	0.023394
0	0	0	0	NA	NA
1.63	1.96	1.67	1.7	0.186013	0.418653
0	0	0	0	NA	NA
9.5	7.69	7.87	7.47	-0.1689	0.219207
11.11	8.84	10.28	8.87	-0.25547	0.073517
0.07	0.04	0.02	0.07	NA	NA
0.37	0.16	0.15	0.29	-0.81181	0.102589
0.37	0.24	0.27	0.52	-0.46873	0.1846
0.04	0.63	0.21	0.33	1.688318	0.001802
0	0.11	0.04	0.05	NA	NA
11.79	6.83	10.39	6.17	-0.57533	0.000668
11.58	12.84	12.03	12.13	-0.00109	0.99586
1131.49	925.28	1090.94	919.57	-0.26713	NA
44.24	63.89	54.23	59.3	0.400835	1.16E-06
0	0	0	0.02	NA	NA

5.21	3.36	3.89	2.96	-0.42786	0.131654
0	0.04	0.02	0.02	NA	NA
1.51	2.15	1.86	1.92	0.181985	0.440749
0	0	0	0	NA	NA
115.59	89.61	106.29	93.75	-0.31047	0.000877
0	0	0	0	NA	NA
27.6	27.92	29.11	23.97	-0.16615	0.193252
6.26	4.11	4.4	4.54	-0.54409	1.51E-08
3.72	3.23	2.97	3.19	-0.12547	0.727847
2.26	2.28	2.59	2.24	0.103016	0.64334
9.55	7.42	8.36	7.49	-0.36414	0.005496
14.66	14.56	15.26	13.46	-0.04318	0.771116
0.12	0.18	0.34	0.29	0.900402	0.010946
0.01	0.01	0.02	0	NA	NA
4.37	7.09	6.22	6.22	0.446	0.000464
4.16	1.19	1.91	1.24	-1.27152	3.52E-15
14.1	11.92	13.04	13.59	-0.34604	0.000241
2.81	2.18	2.86	3.16	-0.0397	0.912329
0	0	0	0	NA	NA
81.78	128.55	112.47	116.82	0.489371	1.92E-08
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0.21	0.41	0.38	0.41	0.803556	0.233327
26.7	50.59	37.67	43.09	0.559551	7.36E-07
119.55	142.64	129.23	126.93	0.0616	0.633306
0.22	0	0.19	0.48	NA	NA
61.75	52.38	54.68	54.26	-0.06423	0.583993
0	0.03	0.07	0.06	NA	NA
4.28	5.03	5.14	6.18	0.291983	0.026551
0.54	0.24	0.59	0	-0.28413	0.72824
4.09	1.39	1.68	1.9	-0.40606	0.175193
0	0	0	0	NA	NA
13.51	16.5	15.94	16.73	0.366856	0.004518
6.54	6.7	6.15	6.52	0.128224	0.579435
10.64	10.65	11.72	10.83	0.000927	0.996111
7.78	7.26	7.37	9.08	0.023081	0.935649
0.95	0.69	0.21	0.19	-0.2342	0.778245
0.04	0.06	0.04	0.16	0.187369	0.829375
4.69	5.31	4.9	5.22	0.152345	0.280554
22.72	19.34	20.38	19.73	-0.29663	0.001704
17.3	28.46	23	25.74	0.372546	0.019488
70.94	46.54	55.68	50.66	-0.60417	7.65E-11
13.91	12.07	13.21	13.7	-0.18364	0.102377
8.29	8.51	9.54	9.6	-0.02586	0.884521
32.68	28.83	33.33	32.6	-0.12483	0.50611

12.46	9.83	11.24	8.75	-0.4121	0.000961
9.28	10.16	9.09	9.11	0.113108	0.440549
73.48	135.04	105.88	118.82	0.290199	0.03411
62.11	62.49	72.71	63.37	0.220237	0.008396
6.42	5.95	6.39	6.18	-0.1658	0.493505
23.4	20.1	18.95	20.36	-0.16872	0.121475
0	0	0	0	NA	NA
166.25	495.6	461.36	524.28	1.403955	1.80E-57
16.27	17.4	17.69	18.09	0.241322	0.014622
0.5	0.22	0.41	0.33	-0.47916	0.513751
8.52	4.44	4.45	4.4	-1.03223	1.00E-12
0	0	0	0.04	NA	NA
10.86	22.57	19.44	27.87	0.846762	2.29E-12
316.36	123.52	197.58	171.89	-0.95513	1.19E-14
15.53	10.04	15.31	13.71	-0.39999	0.002594
0	0	0	0	NA	NA
9.21	12.77	10.47	13.89	0.163008	0.267053
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0.11	0.08	NA	NA
0	0	0	0	NA	NA
36.24	14.01	21.46	15.95	-1.19836	8.09E-20
13.74	17.61	14.29	13.46	-0.05164	0.68041
1.05	2.57	1.85	1.94	0.436007	0.127039
11.95	13.25	14.55	12.4	0.089926	0.582145
4.93	4.5	3.95	3.35	-0.2346	0.281377
0.85	0.47	0.29	0.51	-0.93604	0.031473
18.83	20.86	19.84	22.25	0.107839	0.350163
0.97	0.31	0.49	0.44	-1.01917	1.07E-06
2.54	0.74	0.38	1.32	-2.64148	4.21E-19
7.24	10.72	10.65	12.76	0.487332	3.42E-05
0.36	0.08	0.18	0.13	-1.13688	0.014529
21.34	11.1	12.67	12.4	-0.77064	5.22E-12
41.39	54.25	48.85	50.22	0.182261	0.073034
0.44	0.37	1.1	0.62	0.173935	0.828322
28.4	21.14	19.45	24.47	-0.09042	0.493654
0.02	0.15	0.1	0.07	NA	NA
25.37	14.87	17.7	14.52	-0.60646	6.67E-11
12.36	10.87	10.74	11.66	0.179364	0.288161
70.61	89.51	82.36	85.37	0.204558	0.019933
19.34	17.2	17.64	17.15	-0.27238	0.008337
32.51	35.34	36.06	32.52	0.049778	0.755288
0.35	19.74	6.54	11.35	3.064243	8.65E-11
0	0	0	0	NA	NA
126.71	97.28	146.16	140.32	0.085643	0.639996

0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.09	14.41	16.12	18.11	0.394439	0.026993
4.72	3.76	5.01	5.04	0.31618	0.261111
3770.48	1087.45	1536.45	1354.47	-1.54787	1.53E-52
41.39	44.3	45.07	44.2	0.220779	0.043501
19.3	16.21	13.98	18.6	0.010841	0.957269
22.83	25.12	27.43	26.58	0.218497	0.029341
14.78	18.05	17.12	17.68	0.176388	0.096985
0	0	0	0.06	NA	NA
0.06	1.12	0.24	0.21	0.431395	0.53739
0.43	0.36	0.64	0.31	-0.49052	0.313298
0.65	0.87	0.82	0.59	0.20804	0.653345
1.43	1.01	0.96	1.08	-0.24068	0.467815
0	0	0	0	NA	NA
9.16	11.6	10.41	12.75	0.225919	0.124472
0.66	0.42	0.55	0.88	-0.22677	0.649967
0	0	0	0	NA	NA
0.01	0.01	0.02	0.02	NA	NA
0.01	0.01	0.04	0.02	-0.09146	0.920206
32.54	27.79	31.2	29.91	-0.09218	0.521446
4.8	7.12	8.81	8.01	0.211786	0.278143
21.7	19.81	20.73	22.09	-0.04855	0.719768
32.15	40.19	35.52	38.93	0.307511	0.000914
0.54	0.25	0.18	0.47	-0.00503	0.99586
5.69	8.37	9.29	8.1	0.63937	2.79E-08
0	0	0.05	0.02	NA	NA
0.32	0	0	0.09	NA	NA
24.12	22.52	21.72	21.16	-0.10926	0.465892
3.7	4.63	3.61	3.69	0.133494	0.549053
1.06	1.67	1.48	1.57	0.670473	0.0011
2.8	2.74	3.52	3.51	-0.00623	0.98906
141.83	60.82	95.79	95.16	-0.6635	2.59E-09
0.96	0.67	0.62	0.89	-0.49155	0.310129
10	11.77	10.55	10.07	-0.17923	0.151884
12.04	5.64	9.28	4.98	-0.74523	1.43E-06
1.39	2.74	2.58	2.85	0.858048	0.000691
25.9	55.09	58.65	55.67	0.977637	4.84E-31
28.17	36.93	33.08	35.05	0.304789	0.001269
92.48	105.44	96.41	93.05	0.130509	0.292536
11.09	35.29	36.34	40.79	1.769079	8.08E-92
9.14	7.47	7.61	6.68	-0.11877	0.521446
0.09	0	0	0	NA	NA
56.47	67.37	67.55	61.98	0.25758	0.003844
0	0	0	0	NA	NA

6.15	6.57	6.52	6	0.097627	0.395445
1.05	7.68	4.2	6.56	2.807832	1.60E-37
9.72	10.67	8.36	9.37	-0.11391	0.556729
7.8	12.39	10.36	9.1	0.139859	0.509257
0.04	0	0	0.03	NA	NA
0	0.06	0	0.14	NA	NA
9.89	7.94	8.63	9.25	-0.13613	0.320148
0	0	0	0	NA	NA
11.82	14.2	12.33	13.1	0.031063	0.85513
0	0	0	0	NA	NA
0.31	0.64	1.03	0.45	0.32784	0.392401
47.26	22.73	32.25	32.01	-0.79051	2.76E-14
0.02	1.22	0.66	0.54	3.257678	5.20E-15
339.74	315.44	320.34	300.06	-0.05892	0.580733
3.51	3.51	3.17	3.07	-0.08541	0.651615
55.59	62.89	70.82	73.18	0.273895	0.004416
1.36	0.12	0.29	0.12	-2.02377	9.16E-06
25.27	46.3	43.13	51.95	0.835706	1.69E-23
38.12	64.58	57.08	62.11	0.581524	1.40E-08
11.81	11.32	11.02	11.32	-0.18285	0.242246
4.59	3.31	4.43	4.17	-0.29197	0.034258
4.7	5.64	5.77	5.41	0.268086	0.113219
8.02	8.02	7.69	8.99	0.149877	0.51883
0.14	0.11	0.08	0.35	NA	NA
6.5	13.97	10.36	12.77	0.780722	1.64E-11
36.05	68.49	67.77	60.82	0.699988	1.25E-13
6.81	6.22	6.05	6.42	0.069526	0.823075
27.63	33.26	31.36	30.23	0.273507	0.009178
0.8	2.03	1.87	1.71	1.962922	5.58E-14
48.34	52.97	52.31	52.76	-0.01995	0.87997
12.25	11.41	11.45	11.22	0.085741	0.582824
178.67	98.93	124.71	111.93	-0.694	1.59E-13
27.12	21.74	22.42	20.75	-0.05898	0.653927
100.57	81.17	93.11	93.78	-0.17169	0.037023
14.07	15.71	14.9	17.5	0.146142	0.23469
64.01	97.93	71.26	84.97	0.406447	0.000364
51.07	21.25	24.06	24.94	-1.18513	1.19E-39
0.25	0.18	0.07	0.27	-0.29454	0.71864
231.22	247.16	265.18	234.38	-0.05281	0.621469
5.99	4.69	4.03	5.79	-0.1415	0.678186
72.56	79.47	114.55	92.32	0.374046	0.000127
9.43	15.14	13.68	16.58	0.724459	3.10E-10
0.02	0	0	0	NA	NA
85.21	141.85	122.6	136.03	0.457953	1.59E-07
8.06	6.26	6.29	5.59	-0.56386	0.000159

0	0	0	0.01	NA	NA
1.62	1.4	1.06	0.77	-0.77058	0.002145
6.05	2.53	3.34	2.76	-0.43834	0.01072
10.06	7.23	8.61	8.48	-0.14666	0.419945
17.62	33.36	25.86	29.13	0.823197	1.56E-07
13.25	13.01	14.76	16.66	0.244403	0.085606
4.13	3.46	3.91	3.92	-0.1092	0.669626
36.13	46.74	41.54	46.91	0.179739	0.149977
21.41	16.35	16.59	21.97	0.030239	0.875035
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
40.6	29.41	37.75	34.3	-0.27659	0.008618
1.19	0.3	0.67	0.72	-0.64415	0.279279
0.06	0.01	0.23	0.35	0.407512	0.587229
2.16	3.16	3.66	2.97	0.397323	0.142816
9.39	9.51	8.62	10	0.03412	0.850433
0	0	0	0.02	NA	NA
63.87	17.22	24.86	21.24	-1.60536	1.71E-39
34.74	34.05	31.4	32.31	-0.01506	0.933829
101.59	60.27	93.8	79.77	-0.34202	0.032613
8.94	8.65	7.61	7.86	-0.3507	0.020029
24.21	26.02	20.1	22.99	0.177712	0.164258
16.59	10.33	11.36	10.38	-0.68899	3.12E-09
26.18	26.93	21.94	26.15	0.200751	0.058122
10.01	9.99	9.16	8.35	-0.07876	0.644849
5.16	3.96	3.64	4.13	-0.51193	0.009808
0	0	0	0	NA	NA
42.67	15.39	26.33	20.12	-1.12773	3.30E-09
25.64	30.71	34.63	34.75	0.389799	0.000149
0	0.01	0	0	NA	NA
49.38	54.69	58.84	48.86	0.156949	0.214248
10.9	9.15	9.54	8.11	-0.22573	0.052499
6.37	7.5	8.7	8.21	0.210137	0.056076
8.94	3.89	6.36	4.97	-0.58883	6.34E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
20.99	28.44	28.08	27.06	0.401836	0.003113
0	0	0	0	NA	NA
0.32	2.23	1.25	1.64	1.874472	1.03E-11
6.98	16.92	15.67	20.61	0.963871	1.28E-11
6.57	113.23	63.22	105.19	3.439194	1.72E-37
0	0.26	0.1	0.12	NA	NA
12.64	11.38	9.14	11.14	-0.2052	0.090796
0.08	4.82	2.17	2.96	3.607603	1.39E-18
19.14	16.51	17.74	17.6	-0.12564	0.335602

17.96	16.04	17.15	17.74	-0.05814	0.654615
8.63	8.07	4.41	8.02	0.34143	0.067777
0	0	0	0	NA	NA
173.57	163.37	164.85	160.43	-0.18579	0.01452
47.28	62.22	54.99	55.98	0.252541	0.009816
4.5	4.62	5.53	5.11	-0.19617	0.160064
2.19	2.03	1.92	2.65	0.010859	0.979528
12.5	16.46	13.32	14.59	0.127684	0.487872
10.01	9.27	9.62	7.52	-0.13138	0.546314
527.85	469.78	471.77	415.89	-0.24493	0.010076
10.99	13.14	13.22	13.8	0.401332	0.02098
7.65	8.33	6.85	6.8	0.263953	0.397657
65.76	59.34	62.46	57.28	-0.16855	0.071645
16.77	18.06	18.95	20.37	0.179192	0.16485
16.91	16.38	15.49	16.78	0.054122	0.659502
26.25	26.83	24.6	23.55	-0.29325	0.011898
7.27	6.59	5.47	6.3	-0.21808	0.094598
0.08	0	0	0.05	NA	NA
4.12	3.74	3.84	4.93	0.071475	0.825615
96.77	98.56	101.24	102.01	0.026675	0.831405
0	0	0.03	0	NA	NA
11.94	8	8.4	5	-0.10325	0.62178
31.32	33.28	32.6	30.9	-0.0046	0.978168
12.68	12.11	13.26	13.09	0.024134	0.917968
2.69	2.37	2.3	2.01	-0.16226	0.585529
0.35	0.57	0.42	0.28	-0.56296	0.207391
23.22	15.71	18.4	16.14	-0.38349	0.000404
0	0	0	0	NA	NA
23.15	25.97	23.89	26.35	0.055463	0.606148
37.55	39.52	33.6	39.85	0.103221	0.365448
19.58	29.78	18.25	24.84	0.259128	0.113462
2.61	3.34	2.96	2.54	0.234406	0.410828
0	0.28	0.39	0.29	0.59314	0.397367
0.06	0.09	0.17	0.12	0.605658	0.397612
6.07	5.15	5.94	6.07	0.049128	0.810283
19.58	23.77	20.27	21.61	0.091224	0.437644
0	0	0.02	0	NA	NA
0.07	0.04	0.18	0.07	-0.01582	0.986644
3.85	2.11	2.76	2.55	-0.6645	0.001741
23.93	28.39	24.66	25.78	0.02732	0.876113
65.38	17.44	27.07	21.67	-1.59786	5.03E-33
6.93	7.33	5.38	5.6	-0.23891	0.112467
2.27	1.48	1.98	1.12	-0.57669	0.05654
15.81	16.73	15.1	12.85	-0.12874	0.405883
0.5	0.96	0.71	0.8	0.498974	0.029691

15.98	14.67	13.74	15.2	0.106273	0.420489
11.89	10.68	9.92	9.41	-0.12403	0.518846
19.84	22.59	20.46	21.98	-0.05873	0.701731
1.04	0.13	0.22	0.24	-1.51106	9.90E-05
8.2	12.23	8.85	10.94	0.286937	0.133808
14.36	9.79	11.41	11.42	-0.53584	2.61E-08
9.86	10.96	14.08	11.64	0.008397	0.979404
26.58	28.7	28.6	29.33	0.006321	0.972634
30.99	74.49	45.07	55.74	1.046043	9.74E-11
1.08	0.97	1.19	6.42	0.224985	0.719768
1.62	0.67	0.65	0.85	-0.81237	0.002525
13.61	21.43	17.97	21.25	0.4098	1.44E-05
0	0.01	0	0	NA	NA
2.46	2.09	1.45	1.11	-0.59939	0.025352
2.68	1.95	1.01	2.35	-0.36158	0.051241
64.44	106.93	79.68	83.73	0.434535	0.000146
13.98	10.91	11.46	12.46	-0.26773	0.013949
0.65	0.25	0.43	0.26	-1.04975	0.099241
16.39	15.68	15.81	16.69	-0.07	0.563208
2.18	2.3	2.18	2.96	-0.05604	0.868344
23.16	20.34	23.6	25.06	-0.07666	0.571644
83.07	86.71	81.73	88.01	0.055675	0.581813
72.4	88.37	92.8	78.91	0.205923	0.073245
5.28	5.79	5.44	4.81	0.063695	0.788283
6.11	1.36	1.93	2.19	-1.62892	1.69E-23
1.04	1.25	1.2	1.5	0.324338	0.046332
250.36	276.36	267.3	251.62	0.052597	0.64242
7.31	8.45	8.8	9.42	0.098337	0.547963
37.93	41.04	37.36	38.3	0.075424	0.673897
26.97	23.98	24.65	23.89	-0.10043	0.355283
18.52	17.46	19.49	18.45	-0.10267	0.345379
11.22	10.29	10.25	9.35	-0.16508	0.274629
7.29	10.34	9.61	11.3	0.272925	0.114007
18.01	23.36	21.43	21.98	0.297412	0.00296
1.07	26.96	14.87	20.88	4.15425	3.40E-83
0	10.46	6.03	8.19	4.323855	5.26E-25
7.22	9.24	7.77	8.97	0.369548	0.000232
0.71	1.09	0.64	1.07	-0.24463	0.575715
11.04	11.16	11.6	11.01	-0.05415	0.808612
192.27	204.9	221.55	202.81	0.067974	0.522846
24.53	32.06	28.5	29.55	0.134639	0.30558
18.04	18.94	21.22	18	0.120853	0.401041
0.06	0.11	0.07	0.1	NA	NA
92.89	83.48	84.41	85.78	-0.05997	0.596012
9.4	10.63	8.04	8.91	-0.02945	0.896069

3.62	3.58	4.8	3.19	-0.15391	0.363237
0	0	0	0 NA	NA	
55.92	51.7	52.63	52.87	-0.06619	0.667112
34.75	12.69	18.64	15.7	-1.22699	1.16E-15
2.04	1.99	1.6	1.73	0.116732	0.732109
0.76	0.49	1.16	0.83	0.77053	0.216547
10.62	12.69	9.33	11.38	0.325267	0.012636
0	0	0.01	0 NA	NA	
5.7	7.28	5.77	6.25	0.147015	0.365337
0.79	0	0.23	0.17	-0.86195	0.192499
0	0.15	0	0 NA	NA	
37.12	41.03	37.88	39.48	0.048308	0.700753
7.19	4.61	6.41	5.75	-0.36019	0.007116
0	0	0	0 NA	NA	
81.27	61.47	70.25	64.08	-0.34032	0.000875
14.93	18.44	16.87	17.3	0.064424	0.697219
18.22	19.61	18.83	19.55	0.161241	0.251686
60.41	66.23	61.78	66.46	0.072706	0.504114
0.37	0.03	0.03	0.14 NA	NA	
11.79	13.7	13.7	13.73	0.201366	0.213468
1.92	1.29	1.18	1.01	-0.82064	0.000353
18.6	27.98	22.52	25.71	0.461686	0.000107
56.59	49.72	44.26	49.41	-0.27319	0.002227
7.71	8.03	7.61	8.78	0.143459	0.491917
28.26	33.22	32.4	32.95	0.149031	0.151632
1.45	0.47	0.58	0.35	-2.05469	1.50E-10
2.73	1.61	2.17	1.79	-0.8896	0.000598
1.2	1.47	1.24	0.96	-0.20387	0.656892
0	0	0	0 NA	NA	
0.05	0.03	0.02	0.05	-0.50353	0.457182
2.26	2.11	2.36	2.77	-0.15677	0.553779
634.68	507.91	544.34	504.62	-0.29439	0.000343
0.84	0.78	0.53	0.11	-0.18351	0.827737
12.2	15.78	12.93	12.85	0.234577	0.221688
22.5	36.76	28.36	31.98	0.579569	1.50E-08
9.02	7.95	8.8	9.25	-0.26253	0.058942
40.52	28.53	35.75	35.43	-0.31512	0.018255
10.55	11.07	13.71	11.45	0.310779	0.150904
1.68	22.66	11.04	17.39	3.776438	1.65E-62
29.6	20.85	23.49	24.57	-0.41545	7.40E-06
0	0	0.02	0.08 NA	NA	
89.85	111	104.96	114.03	0.318167	1.42E-05
44.83	63.63	53.3	58.14	0.344696	0.001103
265.54	200.55	214.12	210.07	-0.37236	3.11E-07
14.52	18.45	16.57	13.98	0.256923	0.112641

40.78	19.85	39.72	29.29	-0.52369	0.167523
11.3	14.18	14.54	13.56	0.147951	0.355247
0.42	0.05	0.12	0.11	-0.90418	0.159298
65.92	30.2	31.79	27.61	-1.08587	2.90E-17
0.01	0.02	0.01	0	NA	NA
6.76	6.19	7.57	7.73	-0.08464	0.554834
0.03	0	0	0	NA	NA
8.41	3.87	6.11	4.66	-0.54327	0.035128
14.27	14.72	14.88	11.18	0.083538	0.661423
19.37	17.12	16.56	15.29	-0.29803	0.006545
14.57	10.85	11.22	10.08	-0.19039	0.151723
1795.26	403.92	866.21	619.93	-1.41499	4.93E-06
0	0	0	0	NA	NA
4.64	3.85	5.53	4.48	-0.02344	0.94787
4959.4	2082.33	2954.04	2573.08	-1.04958	3.09E-24
78.65	44.16	49.52	52.11	-0.74264	2.26E-20
113.85	26.39	42.21	42.64	-1.49989	1.49E-30
4.72	4.1	4.79	3.45	0.246776	0.205905
0.12	0	0.04	0	-2.23775	3.37E-05
9.89	6.92	6.84	6.4	-0.66608	0.00035
23.32	30.15	28.36	30.08	0.303069	0.014308
0.07	0.07	0.31	0.08	-0.04429	0.96236
9.11	8.79	9.44	9.34	0.011277	0.962663
4.04	0.96	1.57	1.34	-0.92458	9.52E-07
18.4	27.49	22.48	26.2	0.337413	3.65E-05
0.06	0.18	0.06	0.05	-0.22725	0.785803
0	0	0	0	NA	NA
42.35	39.75	39.72	39.55	-0.15211	0.116184
26.1	18.51	21.19	21.06	-0.51691	2.18E-07
0	0	0	0	NA	NA
19.77	11.41	9.81	13.12	-0.675	3.05E-10
0	0	0	0.05	NA	NA
16.67	24.15	16	19.9	0.357665	0.04143
11.68	28.96	21.36	21.47	0.961953	2.89E-13
0	0	0	0	NA	NA
119.94	102.49	111.81	109.04	-0.01334	0.912249
23.56	20.84	18.92	18.28	-0.30521	0.012289
4.1	8.11	5.73	5.16	0.377469	0.040242
5.68	8.78	6.61	7.64	0.287052	0.217474
7.07	8.43	9.84	7	0.53167	0.000588
46.64	56.5	66.09	61.88	0.161577	0.229697
19.81	27.14	28.65	30.32	0.527791	4.38E-10
2.59	1.42	1.5	0.97	-0.88263	0.000148
89.12	66.13	83.21	74.28	-0.29837	0.002227
6.54	6.28	5.46	7.45	0.158653	0.327465

2.8	0.74	0.82	0.56	-0.94305	0.095947
0.22	0	0.02	0	-1.6928	0.003591
0	0	0	0 NA	NA	
176.22	126.71	154.2	140.36	-0.32918	0.0002
0	0	0	0 NA	NA	
0.51	1	0.82	1.05	0.69165	0.106506
0.08	0.25	0.29	0.37	0.415518	0.56903
4.63	1.85	1.55	1.55	-0.78194	0.000589
0	0	0	0 NA	NA	
0	0.01	0.01	0 NA	NA	
55.26	86.78	71.32	77.64	0.438249	1.38E-05
1.89	2.79	2.29	3.38	0.317029	0.417177
28.85	30.42	32.67	30.65	0.033392	0.823747
13.02	42.6	31.74	37.97	1.515459	7.69E-37
15.22	13.75	22.47	21.04	0.190575	0.294303
17.01	21.07	21.03	18.72	0.181883	0.242329
0	0	0	0 NA	NA	
254.63	267.46	264.27	265.81	-0.03568	0.727852
44.89	59.71	61.18	58.1	0.343905	0.000336
3.4	10.93	8.21	11.53	1.420106	1.48E-27
65.94	66.91	64.03	56.83	-0.22506	0.03398
0	0	0	0 NA	NA	
0.04	0	0	0.19 NA	NA	
87.65	377.33	315.37	336.13	1.931284	1.03E-83
5.37	5.64	5.65	5.19	-0.04708	0.859697
7.14	10.77	8.3	8.94	0.208272	0.271336
16.97	49.04	26.49	36.93	1.119238	3.98E-05
12.42	12.61	14.75	15.03	0.147115	0.14166
6.22	7.36	6.94	7.35	0.004191	0.986548
21.63	33.05	26.52	29.37	0.500727	2.63E-06
47.01	56.35	50.03	56.08	0.221176	0.022961
7.97	6.47	6.55	7.3	-0.21997	0.059883
7.74	12.15	11.52	9.91	0.237514	0.069893
14.91	21.06	15.44	19.43	0.384857	0.000742
5.85	4.55	4.45	4.2	-0.21398	0.245244
4.84	28.54	12.44	22.22	1.997554	6.03E-22
26.65	19.42	19.39	19.66	-0.46656	1.17E-08
11.93	11.64	12.21	11.52	-0.04147	0.81312
5.37	8.88	6.93	7.05	0.40924	0.04685
0.66	4.18	1.78	2.36	1.948124	2.52E-09
0	0	0	0 NA	NA	
36.17	41.79	52.05	49.75	0.198737	0.060018
24.22	27.42	30.86	30.31	0.091491	0.536567
3.48	4.85	4.48	3.37	-0.24026	0.341727
16.54	1.42	4.26	2.59	-2.19561	5.77E-09

5.4	7.56	5.31	7.17	0.291525	0.082754
15.58	12.54	9.44	13.32	-0.12332	0.323959
0.54	5.61	2.61	3.79	1.526075	6.07E-10
0	0	0	0	NA	NA
16.59	16.38	15.93	15.05	-0.06279	0.690438
4.05	8.18	8.4	9.08	0.319717	0.035752
69.8	64.5	63.59	61.64	-0.12223	0.286111
3.91	6.84	5.47	5.72	0.666133	0.000385
9.67	10.18	10.12	8.57	0.145106	0.355068
0	0	0	0.02	NA	NA
62.54	141.26	103.85	136.38	1.126054	5.08E-33
19.22	16.49	15.54	16.94	-0.00957	0.955966
5.24	5.35	5.28	6.71	0.086889	0.597637
12.84	10.85	10.66	12.19	-0.07913	0.581349
20.19	15.16	15.39	17.23	-0.44978	1.64E-08
6.02	6.69	6.61	7.64	-0.0086	0.976227
47.18	36.77	44.88	43.45	-0.0133	0.93851
77.34	54.34	66.27	58.22	-0.29966	0.001021
0.08	0	0.1	0.09	NA	NA
148.66	69.09	84.36	80.4	-1.05728	3.02E-34
5.71	6.04	7.91	6.52	0.403187	0.002084
50.7	51.4	56.53	50.22	0.013381	0.932664
0	0	0	0	NA	NA
0.48	0.93	0.25	0.18	-1.32684	0.001111
1.35	0.97	0.75	0.94	-0.81461	0.062134
1.61	1.14	0.88	1.56	-0.13678	0.823482
88.5	85.08	107.76	108.84	0.053338	0.626953
19.98	18.52	18.36	17.93	-0.1343	0.284265
9.2	17.92	13.6	14.58	0.663277	4.46E-05
15.56	13.76	14.34	14.09	-0.22908	0.123769
1.67	4.54	3.5	4.24	1.648897	7.09E-23
2.15	0.46	0.64	0.85	-1.61593	5.61E-19
5.07	3.85	3.89	4.06	-0.36221	0.030022
2.51	3.66	2.94	3.41	0.019209	0.926096
7.23	9.4	6.91	7.47	0.354418	0.022274
91.62	92.39	93.32	94.87	0.002248	0.986749
56.34	16.82	23.25	22.69	-1.39643	4.95E-37
6.45	14.21	7.24	8.41	0.531784	3.12E-06
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
2.35	2.48	2.28	2.55	-0.02507	0.948247
6.89	9.11	7.39	8	0.160644	0.521762
56.14	39.12	42.09	36.08	0.038836	0.831619
119.94	66.87	73.41	65.35	-0.86403	3.15E-23
0	0	0	0	NA	NA

0.8	1.76	1.57	1.42	0.838714	6.07E-06
15.11	12.87	11.79	12.75	-0.35081	0.005864
6.14	2.11	2.56	3.29	-1.17828	8.27E-09
15.12	11.81	9.95	14.23	0.311813	0.028887
12.52	12.01	12.17	11.98	0.036107	0.816402
3.64	1.54	1.84	1.48	-0.16864	0.338009
306.32	341.95	377.73	370.62	0.239533	0.002243
22.23	17.23	20.95	18.15	-0.20608	0.138851
7.03	7.96	7.41	9.49	0.171948	0.398876
0	0	0	0	NA	NA
34.78	32.15	34.14	30.18	-0.18039	0.155209
20.34	25.51	22.49	23.67	0.211986	0.042652
295.61	226.13	275.55	231.88	-0.27266	0.003005
0.02	0.01	0.02	0.11	NA	NA
484.37	465.95	460.09	489.59	-0.12586	0.114062
14.17	18.46	17.53	20.8	0.274985	0.039606
10.39	9.25	10.12	10.26	-0.08815	0.544525
32.62	24.52	26.45	25.32	-0.44618	2.41E-07
139.01	139.4	148.02	141.96	-0.05129	0.688104
0.86	0.91	0.68	0.78	0.041158	0.936841
0.01	0	0.01	0.02	NA	NA
30.09	43.64	36.23	40.29	0.522614	6.42E-08
26.88	31	35.04	31.56	0.192089	0.060035
14.56	10.09	10.98	11.81	-0.31946	0.0661
3.38	12.77	10.19	11.49	1.572214	4.60E-32
10.62	19.28	14.42	20.61	0.864693	5.60E-13
11.84	9.48	10.47	9.7	-0.3506	0.032887
107.44	83.31	87.68	82.84	-0.39532	1.17E-05
26.98	28	28.67	28.9	0.001269	0.995428
30.67	29.81	29.85	33.65	-0.04982	0.729146
47.75	42.26	44.74	52.82	-0.00732	0.961381
18.27	14.45	13.55	11.5	-0.13171	0.363774
9.28	13.35	11.2	13.51	0.504431	0.000204
46.83	61.34	55.2	56.47	0.228065	0.027263
3.11	4.41	3.58	3.93	0.319406	0.086549
10.32	10.85	11.06	11.37	-0.0013	0.993768
0.04	0	0	0.03	NA	NA
79.03	67.86	71.81	71.31	-0.17125	0.060016
1.37	0.59	0.93	1.01	-0.73936	0.004854
9.79	10.71	11.11	11.04	0.070915	0.580014
49.64	54.64	56.04	60.12	-0.04367	0.728701
37.34	42.66	43.66	40.24	0.132336	0.428362
15.05	21.9	19.34	24.31	0.597355	3.81E-08
47.74	21.12	28.62	20.83	0.232799	0.011074
36.3	46.14	39.46	44.87	0.173274	0.161521

1.62	1.59	1.87	1.77	0.154687	0.601075
1.08	0.65	0.85	0.83	-0.40861	0.401776
2.05	1.57	2.05	1.37	-0.42346	0.266084
14.12	13.06	8.64	11.53	-0.08362	0.636575
3.46	2.44	2.08	1.91	-0.0011	0.997661
18.27	14.99	15.29	12.91	-0.22418	0.216483
0.54	0.14	0.43	0.22	-0.90948	0.027852
9.43	4.1	4.26	4.04	-1.14323	3.52E-22
9.33	13.64	14.13	14.1	0.461345	1.63E-05
36.14	44.26	47.87	48.17	0.328167	0.000174
24.13	26.95	25.34	27.59	0.118431	0.232634
60.24	149.33	111.54	124.82	0.965652	1.60E-22
11.01	7.73	8.34	8.78	-0.4852	0.001707
13.96	15.49	14.86	15.59	0.25458	0.015085
0.15	0.13	0.22	0.11	-0.51379	0.461248
0.12	0.2	0.16	0.21	0.651739	0.339945
2.69	3.15	2.9	2.88	0.164432	0.345488
5.33	26.6	10.56	15.61	1.449583	0.000125
37.29	12.24	20.07	16.66	-1.16506	1.23E-13
0	0	0	0	NA	NA
0	0	0	0	NA	NA
81.03	85.78	74.89	82.15	-0.01801	0.900928
7.2	6.7	5.38	5.95	-0.32733	0.003983
4.67	18.87	13.12	16.09	1.644557	1.14E-20
0	0	0	0	NA	NA
8.4	11.5	9.38	11.16	0.334063	0.016889
0	0	0	0	NA	NA
8.51	10.18	9.04	11.19	-0.03134	0.901274
13.66	14.66	14.2	13.74	0.005952	0.981096
92.69	94.57	103.6	95.01	0.03607	0.774948
3.07	3.08	2.92	2.39	-0.26101	0.369276
0.12	0.2	0.11	0.12	0.580295	0.421641
141.24	29.21	64.3	48	-1.55291	4.40E-07
0.18	0.02	0	0.12	NA	NA
0	0	0.02	0	NA	NA
37.61	39.47	36.26	39.41	-0.02036	0.86804
15.15	14.04	14.39	15.02	-0.2194	0.153064
12.91	19.15	18.29	17.3	0.342201	0.00934
11.36	16.37	13.34	14.07	0.384306	0.006169
13.46	27.72	22.85	23.9	0.841671	1.22E-09
0.27	0.28	0.28	0.25	-0.09016	0.91001
0	0	0	0	NA	NA
5.62	3.13	3.66	2.39	-0.48522	0.010703
0	0.03	0	0	NA	NA
0.01	0.02	0.02	0	NA	NA

34.84	33.04	35.09	38.01	-0.04165	0.791619
16.05	18.87	20.12	18.74	0.084841	0.617956
50.9	58.95	58.55	63.14	0.220946	0.010343
6.73	5.04	4.74	4.69	-0.70714	3.34E-06
0	0	0	0	NA	NA
3.01	2.56	3.7	3.41	-0.18568	0.553779
5.42	5.7	6.31	5.2	0.09867	0.737889
34.62	35.68	29.04	31.6	-0.07271	0.680958
3.17	4.57	3.87	4.16	0.386762	0.008581
15.86	12.68	12.84	12.96	-0.19535	0.122148
13.64	20.42	19.54	21.77	0.475739	0.000138
14.57	10.53	13.71	10.24	-0.07236	0.760637
28.99	20.77	21.01	20.46	-0.50627	5.93E-09
7.49	5.63	6.5	5.56	-0.31422	0.084789
118.76	79.25	91.92	91.68	-0.5122	1.84E-10
23.69	35.94	32.04	35.67	0.417595	4.15E-06
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
7.94	8.95	10.4	10.04	0.185185	0.122507
0	0.01	0	0.03	NA	NA
0.17	0.22	0.32	0.61	0.341671	0.592028
9.69	1.64	3.34	2.21	-1.76759	7.27E-27
0	0	0	0	NA	NA
4.41	4.97	5.04	5.61	0.164139	0.249921
0	0.05	0.09	0	NA	NA
1.13	0.93	1.49	0.76	-0.21391	0.713929
0.05	0.03	0.12	0.07	0.250465	0.76239
0.88	0.07	0.08	0.07	-2.82831	3.95E-16
20.62	20.82	17.27	19.6	0.049581	0.714277
4.55	6.54	5.62	6.2	0.413294	0.00127
18.94	14.7	14.71	15.19	-0.07119	0.729146
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.82	41.48	39.43	44.44	1.393537	4.65E-70
0.03	0	0	0	NA	NA
41.65	40.08	45.3	46.14	0.105745	0.437878
98.44	138.71	150.7	142.08	0.3684	0.000214
12.7	16.12	15.29	15.27	0.247828	0.107755
23.11	23.8	24.41	25.63	0.009294	0.948247
26.69	40.9	35.43	39.86	0.413832	3.97E-05
0	0.06	0.05	0.03	NA	NA
11.4	14.47	14.53	14.5	0.331544	0.013432
22.03	11.45	14.24	16.44	-0.87385	6.17E-12
11.1	8.22	9.59	7.91	-0.26599	0.039889

0	0	0	0	NA	NA
8.48	5.53	6.4	5.05	-0.63566	4.38E-06
5.92	5.47	6.18	6.24	0.140385	0.460808
0.02	0	0.03	0.02	NA	NA
4.63	5.18	4.93	4.45	0.074721	0.698813
14.22	18.67	12.83	17.16	0.52356	0.000134
9.13	4.23	7.12	7.72	-0.8639	2.31E-07
4.93	6.53	6.54	6.01	0.335076	0.009063
0.24	0.06	0.04	0.03	-1.4011	0.017716
6.5	5.58	7.13	5.9	-0.16438	0.447745
1.26	0.05	0.22	0.6	-2.15725	1.06E-06
18.84	17.31	16.96	16.94	-0.29966	0.008096
0	0	0	0	NA	NA
68.68	110.36	92.21	107.36	0.659822	9.68E-13
25.46	18.11	20.35	19.7	-0.42999	0.000181
2.8	6.2	4.86	5.15	0.667686	0.004756
13.8	97.18	67.98	83.48	2.421257	3.39E-67
0	0	0	0	NA	NA
97.8	81.1	87.14	84.26	-0.20102	0.029355
12.91	13.29	14.45	14.11	0.134078	0.369321
62.83	50.84	57.43	52.05	-0.3062	0.001501
58.92	77.78	75.87	79.26	0.330315	4.46E-05
35.45	70.67	91.74	91.86	1.205421	NA
28.49	31.69	28.73	30.83	0.134327	0.350175
0.24	0.3	0.34	0.37	0.480805	0.495023
0.03	0	0	0	NA	NA
0	0.04	0.09	0.13	NA	NA
11.01	12.2	11.04	11.63	0.005656	0.975618
42.38	87.69	68.94	72.34	0.639566	1.46E-08
27.3	29.04	28.86	28.18	-0.0215	0.88999
21.72	23.85	21.62	20.54	-0.06485	0.696366
0.8	0.09	0.14	0.18	-2.27166	4.26E-10
68.64	72.33	70.36	70.54	-0.0304	0.827592
230.81	241.77	235.75	215.14	0.031346	0.813172
1.55	3.74	1.47	2.32	0.823336	0.004224
0.29	0.91	0.37	0.71	0.821695	0.212294
8.39	9.6	9.02	9.41	0.188712	0.246536
0	0	0	0.02	NA	NA
2.15	6.1	4.19	4.62	1.272602	2.74E-10
0.17	0.28	0.18	0.51	0.621715	0.377312
6.36	9.8	9.12	9.29	0.242501	0.119262
32.09	42.88	37.79	31.68	0.370086	0.003621
0.03	0.08	0.04	0.13	NA	NA
15.86	14.15	15.52	16.06	0.07732	0.590713
0.15	0	0	0	NA	NA

98.54	89.17	100.57	89.86	-0.22808	0.014995
28.29	38.26	35.45	39.62	0.348535	1.58E-05
3.05	2.65	5.16	4.34	0.136852	0.68232
11.41	12.26	12.51	12.15	0.109038	0.437263
5.3	5.88	4.74	5.59	0.15539	0.501657
16.75	15.02	13.58	12	-0.20197	0.263933
0	0	0	0	NA	NA
4.81	3	2.95	4.26	0.159956	0.53786
0.36	0.44	0.51	0.6	0.544712	0.244814
100.34	98.18	98.96	101.08	-0.03277	0.784567
4.23	5.29	4.26	4.99	0.16348	0.41991
84.11	298.32	222.97	282.14	1.588844	2.17E-46
0.2	0.05	0.44	0.22	-0.56115	0.360955
3.66	7.25	6.33	6.15	0.832719	1.72E-12
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0.05	0.09	NA	NA
2.08	1.16	1.64	1.7	-0.41261	0.080471
38.14	45.07	45.09	43.55	0.245911	0.023956
43.61	38.1	46.46	44.19	0.056171	0.66378
4.56	6.67	5.42	6.15	0.41028	0.005167
16.58	11.35	12.95	12.86	-0.35669	0.003982
19.38	21.14	27.47	21.6	-0.03315	0.888827
33.22	26.1	32.27	26.68	-0.30487	0.005533
8.95	0.26	0.83	1.07	-3.07375	2.34E-13
0.11	0.04	0.15	0.03	NA	NA
1.44	2.34	2.03	1.45	0.24964	0.452916
17.4	18.58	15.82	15.57	-0.16192	0.233413
52.87	40.4	50.53	47.36	-0.28635	0.027164
11.97	12.4	10.48	9.66	-0.17828	0.378021
0.32	0.3	0.4	0.3	1.488929	0.001067
10.29	12.79	11.65	14.31	0.180748	0.085419
0.3	0.52	0.34	0.85	-0.47555	0.218478
11.75	11	11.16	11.95	0.081792	0.711605
23.12	24.18	26.02	24.13	0.230486	0.05669
17.37	14.9	18.03	16.05	-0.21359	0.073034
7.23	4.28	4.87	4.14	-0.61235	0.013521
0	0	0	0.13	NA	NA
44.01	21.25	30.93	27.1	-0.58376	5.37E-07
31.22	27.75	29	31.38	-0.20124	0.070113
46.31	58.02	56.08	58.03	0.412742	5.10E-08
2.98	3.58	3.97	4.13	0.328369	0.147909
15.53	22.23	20.45	20.9	0.338892	0.000334
23.8	36.33	34.62	32.31	0.496694	3.09E-07
0	0	0.04	0	NA	NA

0	0	0	0 NA	NA	
499.97	618.02	602.65	621.29	0.17035	0.020095
0.07	0.12	0.08	0.19 NA	NA	
11.97	11.85	11.67	11.46	-0.05521	0.681932
0	0	0	0 NA	NA	
21.94	22.93	22.01	21.68	-0.04861	0.734024
10.43	11.78	10.08	12.22	0.112342	0.280934
0	0.07	0.02	0.02 NA	NA	
9.03	11.61	10.92	11.57	0.1717	0.335485
0.06	0.12	0.15	0.03	-0.0076	0.994915
37.13	24.22	24.63	27.04	-0.51103	2.20E-05
0.05	0.04	0	0 NA	NA	
0	0	0.02	0.03 NA	NA	
4.1	3.16	2.77	2.32	-0.46477	0.100388
430.16	403.86	429.9	365.51	-0.13657	0.186393
0.04	0.43	0.2	0.31	2.209505	8.69E-07
0	0	0	0 NA	NA	
4.45	10.26	8.32	10.04	0.562597	0.000751
15.18	20.2	18.33	21.01	0.333975	0.001078
8.31	8.91	8.42	8.74	0.032644	0.81989
0	0	0	0 NA	NA	
1.62	0.88	0.71	0.78	-0.79393	0.032727
0	0	0	0 NA	NA	
7.91	9.88	7.26	8.58	0.100037	0.611421
12.65	64.01	24.72	44.8	1.484902	0.000346
17	16.73	18.69	23.18	-0.11857	0.374093
12.86	9.81	14.75	12.99	-0.18611	0.156772
0	0	0	0 NA	NA	
3.63	5.81	5.02	5.28	0.626439	0.000737
27.66	20.31	22.98	17.48	-0.52425	0.006214
0.14	0.03	0.07	0.11	-1.00324	0.118279
0.04	0.06	0.2	0.19	-0.3085	0.702634
0.29	0.11	0	0.05 NA	NA	
0.05	0.04	0.09	0.06	0.511915	0.477749
71.2	114.29	95.15	95.15	0.217251	0.082487
7.2	10.9	11.3	12.3	0.464524	0.000106
3.02	3.4	2.95	3.27	0.203187	0.384251
0.15	0.07	0.06	0.11	-0.49663	0.456284
3.11	2.42	3.38	3.24	0.064194	0.784802
28.52	26.36	28.09	24.53	-0.13118	0.446465
1.44	1.05	1.3	1.02	-0.77196	0.025824
0	0	0	0.01 NA	NA	
0	0	0	0 NA	NA	
7.52	7.17	6.48	6.73	0.051776	0.799823
0.56	1.47	0.93	2.75	1.071588	0.00556

16.13	15.58	16.63	16.48	0.068931	0.541089
0.08	0	0	0	NA	NA
0.01	0	0	0	NA	NA
33.49	22.07	29.63	27.38	-0.59563	5.30E-09
2.87	3.02	2.88	2.46	-0.03636	0.861141
15.38	80.15	51.72	77.09	2.222858	4.81E-88
4.27	1.65	3.24	2.11	-0.8181	0.001877
49.5	46.19	62.21	56.4	0.07667	0.654968
0.05	0.51	0.28	0.47	1.932919	0.000511
0.76	0.56	0.39	0.35	-0.10671	0.893556
268.8	89.96	143.8	119.24	-1.1755	2.32E-22
23.16	22	24.42	23.8	0.025994	0.884597
0	0	0	0	NA	NA
43.87	36.04	58.19	48.39	0.06228	0.768326
12.3	12.27	11.07	12.73	-0.12735	0.38666
0.14	0	0.05	0.01	NA	NA
25.95	24.3	26.45	26.2	0.110781	0.350063
18.53	15.48	16.86	16.8	-0.26273	0.018529
4.7	4.27	3.07	4.81	0.006072	0.978992
8.22	9.94	8.11	8.43	0.238237	0.199168
2.94	2.86	2.16	4.07	0.208719	0.496739
3.85	3.56	3.24	2.84	-0.09505	0.85716
1.51	2.34	1.75	1.48	-0.05332	0.889321
252.55	198.83	231.25	203.4	-0.29179	0.001345
16.82	19.65	17.26	20.63	0.214678	0.034252
2.18	1.11	0.65	1.89	-0.03943	0.944131
0	0	0	0	NA	NA
230.74	341.48	316.45	327.42	0.448782	4.35E-10
3.97	1.45	2.83	1.53	-1.24997	4.03E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
24.98	33.02	27.18	29.59	0.061991	0.6611
0.1	0.53	0.32	0.23	0.643094	0.282991
0.8	0.42	0.2	0.15	-0.79664	0.232634
1.89	0.83	1.67	0.89	-0.48493	0.157196
99.38	102.66	109.24	125.96	0.003096	0.981181
75.3	14.25	20.48	10.31	-2.38463	2.32E-19
64.41	53.12	52.81	44.89	-0.39431	8.13E-05
12.48	8.76	8.72	10.6	-0.0358	0.815345
5.35	4.81	4.78	4.28	-0.21809	0.372266
10.7	0.95	3.22	2.19	-2.05631	6.67E-07
24.24	17.74	19.4	17.53	-0.40917	4.55E-07
0	0	0	0	NA	NA
5.77	5.4	4.71	4.97	0.00217	0.991592
17.69	16.29	14.95	14.06	-0.11415	0.625415

0.01	0.04	0.14	0.03	0.706918	0.290722
18.63	15.12	15.42	13.37	-0.50723	3.94E-06
6.44	6.4	8.16	5.88	-0.18248	0.287557
4.06	4.97	4.01	4.63	0.307849	0.02867
0.67	0.22	0.36	0.29	-1.13722	8.35E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.46	10.42	9.31	8	-0.35935	0.000497
0	0	0	0	NA	NA
1.62	0.21	0.2	0.38	-1.04373	0.000972
5.73	6.64	6.86	4.78	-0.01384	0.966586
37.12	37.76	39.12	38.51	0.071388	0.719609
14.98	14.05	11.71	12.03	0.091597	0.55268
2.5	2.92	2.58	2.85	0.385316	0.036219
46.04	71.28	70.51	68.68	0.395251	0.000457
0.02	0.11	0.03	0.03	-0.51886	0.469767
0.17	0.05	0.03	0.03	NA	NA
11.27	13.94	11.62	12.22	0.133383	0.324944
22.49	9.21	6.92	7.12	-1.49457	9.74E-38
0	0	0	0	NA	NA
62.95	61.75	54.56	60.98	0.067514	0.624621
14.6	13.97	11.4	14.08	0.259364	0.072747
7.34	4.1	4.04	4.24	-0.82543	7.46E-08
5.94	9.41	6.62	9.28	0.470165	0.000127
27.21	21.33	22.3	20.85	-0.32959	0.002253
39.66	6.18	8.63	8.77	-2.33916	2.81E-106
0	0	0	0	NA	NA
7.89	6.11	6.16	6.78	-0.08484	0.543203
8.64	7.99	7.11	9.36	0.128794	0.298406
60.72	43.53	42.67	42.99	-0.67033	4.95E-18
14.54	12.9	14.15	14.62	-0.08536	0.501478
24.21	10.96	14	11.92	-0.94579	5.85E-17
8.46	5.89	7.08	7.14	-0.27335	0.116527
14.93	12.33	14.89	15.4	-0.14415	0.410345
85.3	94.39	104.48	87.36	0.198343	0.037382
63.06	69.27	62.07	62.4	-0.13106	0.2439
9.86	12.07	11.3	11.03	0.171936	0.187999
18.55	20.57	19.69	20.5	0.074295	0.566849
2.64	1.15	1.23	1.88	-0.72823	5.41E-05
9.19	8.04	9.37	8.98	-0.05358	0.760637
25.14	24.44	21.77	22.56	0.03209	0.813799
9.79	11.59	10.44	10.82	-0.09223	0.619953
33.8	16.54	22.32	19.18	-0.81071	2.48E-10
0	0	0	0	NA	NA
14.63	12.16	14.65	14.65	-0.13152	0.303505

32.87	35.79	31.23	32.71	0.049093	0.800572
8.09	5.8	5.51	5.67	-0.44765	0.017618
0	0	0	0	NA	NA
7.83	9.92	10.81	9.61	0.302718	0.03267
0	0.05	0	0.02	NA	NA
12.69	5.54	6.27	6.04	-0.84508	2.84E-12
32.9	37.69	40.89	37.74	0.131309	0.193252
0.17	3.25	1.35	2.01	3.282467	2.11E-22
6.1	5.71	4.83	5.51	-0.12117	0.50294
5.9	16.67	12.59	15.04	1.096124	4.15E-17
6.48	15.85	13.18	13.85	0.931203	3.82E-13
17.2	26.96	23.59	23.66	0.55059	8.61E-07
0.3	0	0.05	0	NA	NA
44.49	66.35	57.45	57.34	0.423748	1.89E-05
16.95	17.23	18.39	15.89	-0.00355	0.986452
0	0	0	0.01	NA	NA
17.51	20.23	19.83	18.89	0.028616	0.882965
5.81	6.53	6.25	5.17	0.008589	0.97575
16.96	14.39	16.04	17.15	0.020379	0.885986
5.46	5.75	5.93	4.59	-0.45363	0.031089
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.86	22.79	27.37	23.9	0.12327	0.42351
0.73	3.8	1.77	2.71	1.110833	0.000564
98.83	78.68	92.02	80.73	-0.38188	0.003139
5.82	4.7	4.59	4.5	-0.34878	0.108499
31.36	26.47	29.46	25.96	-0.30285	0.000253
4	7.4	5.35	8.63	0.635156	0.058646
18.98	24.82	21.71	23.29	0.261651	0.11359
422.48	253.08	341.6	277.84	-0.5741	1.02E-08
0	0	0	0	NA	NA
6.33	4.66	4.98	6.39	0.251531	0.181048
15.44	20.34	15.68	18.81	0.226919	0.078314
17.62	13.71	16.43	16.33	-0.0944	0.599132
100.24	72.8	86.6	85.83	-0.38098	4.78E-05
13.69	16.39	14.61	16.27	0.465814	1.39E-06
8.09	7.49	9.61	8.23	0.117816	0.487167
8.53	7.89	7.16	7.4	-0.07895	0.664803
0.58	2.51	1.82	2.87	1.68379	1.60E-07
21.31	22.89	21.42	23.83	-0.00595	0.975981
49.57	54.01	52.97	53.61	0.073175	0.495334
2.03	2.13	1.16	1.52	-0.66874	0.004314
7.97	8.88	5.36	6.66	-0.3036	0.183415
1.08	1.02	0.91	1.24	0.044162	0.950846
65.72	59.31	61.43	55.96	-0.10615	0.596023

27	27	25.41	23.65	-0.11141	0.29573
9.06	5.14	4.24	5.35	-0.58093	1.43E-05
1.76	21.98	13.09	19.57	3.230287	2.80E-73
0.1	0.09	0.06	0.16	NA	NA
13.9	19.2	21.16	19.95	0.421336	0.006191
4.13	5.18	5.52	4.35	0.21399	0.157871
9.77	10.55	12.66	12.02	0.144741	0.468812
22.13	22	18.04	19.77	-0.0855	0.547359
69.78	80.52	77.12	75.2	0.033782	0.789916
0.18	0.24	0.08	0.31	0.256245	0.748769
13.19	15.47	15.41	15.22	0.170705	0.157436
1.56	2.41	2.05	2.18	0.463913	0.013899
6.42	3.72	3.68	3.7	-0.20038	0.175868
38.35	50.52	41.87	45.46	0.341642	0.00118
2.13	3.54	2.85	2.24	0.206806	0.3249
8.42	12.63	14.12	11.68	0.567254	0.002826
11.12	12.92	10.56	11.98	0.109711	0.53469
53.12	52.05	56.92	57.83	-0.01906	0.890132
16.07	20.32	23.46	26.8	0.249474	0.051234
23.69	27.86	25.18	26.65	0.340805	0.000562
8.01	13.25	9.63	10.2	0.519926	8.77E-05
2.05	2.27	3.18	1.97	0.030986	0.941447
14.46	19.92	18.61	19.23	0.305498	0.015783
0	0	0	0	NA	NA
6.34	7.77	7.41	6.38	0.031395	0.904541
0	0	0	0	NA	NA
11.05	18.88	17.79	17.24	0.66904	2.99E-11
5.56	4.63	5.03	5.09	-0.22632	0.046856
8.12	6.57	7.35	6.77	-0.16311	0.210008
9.32	14.49	12.76	14.68	0.23859	0.071462
0	0	0	0	NA	NA
2.04	1.4	1.45	1.15	-0.19165	0.714341
9.75	11.65	11.81	15.3	0.149489	0.427658
0	0	0	0	NA	NA
3.28	2.2	2.86	3.32	-0.3372	0.139827
3.37	2.57	2.96	2.87	0.096677	0.620775
9.98	7.53	10.03	7.5	-0.1438	0.606148
28.37	14.37	16.15	18.61	-0.73705	6.18E-11
5.9	2.4	4.35	3.76	-1.04091	1.27E-07
0.01	0.01	0.01	0.02	NA	NA
43.48	44.61	49.07	48.75	0.118837	0.276193
14.4	13.27	14.19	14.09	0.175172	0.313875
4.85	3.85	3.08	3.38	0.195718	0.487872
1.19	0.5	0.81	0.73	-0.29811	0.571377
0.02	0.01	0.01	0	NA	NA

18.57	21.82	22.63	21.94	0.20312	0.07562
44.67	31.48	35.09	32.65	-0.32701	0.001352
42.8	38.94	45.45	43.85	-0.08256	0.554943
23.51	24.62	19.56	23.57	0.096811	0.391892
7.32	7.3	6.85	7.74	-0.10577	0.480941
0.47	0.49	0.74	0.75	0.02365	0.975388
0.46	2.42	1.38	1.22	1.700357	5.42E-08
14.37	12.97	15.54	14.43	-0.17927	0.236588
0	0	0	0	NA	NA
0.05	0.03	0.06	0.04	NA	NA
0	0	0	0	NA	NA
10.11	10.84	9.01	9.99	0.051846	0.747622
0	0	0	0.08	NA	NA
14.18	9.85	10.26	10.86	-0.30999	0.002396
0.13	0.02	0.02	0	NA	NA
0	0	0	0.04	NA	NA
0.82	0.88	0.65	0.63	-0.20146	0.737972
0	0	0	0	NA	NA
4.95	70.22	21.16	38.39	2.393336	1.49E-08
9.33	9.79	8.81	9.39	0.146883	0.179686
1.06	3.44	2.18	4.1	1.283309	2.54E-05
18.7	22.68	27.6	25.89	0.490702	1.23E-06
3	4.6	4.2	4.71	0.445758	0.039292
6.75	8.74	9.93	10.17	0.384105	0.06167
0	0	0	0	NA	NA
0.11	0.29	0.15	0.16	1.718404	0.001227
0.2	0.47	0.14	0	NA	NA
0	0	0	0	NA	NA
0.03	0.08	0.04	0.12	-0.34972	0.658987
1.84	0.67	0.4	0.53	-1.64754	4.69E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.45	6.82	6.4	5.84	-0.06473	0.752189
23.76	36.39	37.43	39.09	0.635141	1.15E-12
13.44	12.96	12.58	16.58	0.091011	0.550073
1.36	0.9	0.41	0.56	-0.32367	0.440162
28.26	30.8	29.23	29.56	0.080984	0.570765
1.13	1.84	0.99	0.7	-0.35736	0.213937
8.5	4.04	5.84	5.02	-0.61984	0.0002
0	0	0	0	NA	NA
0	0	0	0	NA	NA
32.68	46.33	35.48	41.51	0.11889	0.427768
7.35	8.75	8.71	9.47	0.165571	0.225539
7.46	11.52	10.4	11.28	0.528032	6.26E-07

0.48	0.39	0.5	0.62	0.104214	0.869436
0.8	0.94	0.68	1	-0.09407	0.840343
1.32	1.22	1.61	1.43	-0.2129	0.484343
0.52	0.44	0.53	0.39	-0.16216	0.789781
0.05	0	0	0	NA	NA
0	0	0	0.02	NA	NA
9.36	9.94	8.75	8.55	-0.11832	0.575545
2.86	2.01	2.52	1.78	-0.08278	0.836229
0	0.28	0.13	0.13	1.492435	0.010081
1.29	1.21	0.87	0.39	-1.3178	3.81E-06
7.4	12.61	9.12	11.95	0.409098	0.005968
0	0	0	0	NA	NA
17.53	6.46	7.72	5.64	-1.20296	4.80E-15
86.9	76.59	80.27	72.82	-0.11237	0.310843
0	0	0	0	NA	NA
25.66	35.51	25.73	30.54	0.127585	0.251371
0.02	0.02	0.03	0	NA	NA
3.03	3.89	3.94	4.64	0.125492	0.619736
0	0.03	0.03	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
23.25	19.53	17.99	19.07	-0.30229	0.0454
3.11	3.76	3.07	2.45	0.314016	0.279838
3.59	4.67	4.71	5.3	0.227222	0.297505
42.57	47.78	43.13	37.03	0.087825	0.645197
3.27	4.45	4.06	3.94	0.427246	0.017372
0.43	0.33	0.91	0.74	-0.23678	0.55452
0.31	0	0.28	0.08	NA	NA
0	0	0	0	NA	NA
2.55	1.85	3.15	2.52	-0.18138	0.501497
10.5	8.95	10.41	8.49	0.049167	0.800959
0.25	0.15	0.13	0.14	0.858989	0.144943
4.62	4.97	4.14	4.64	0.576572	0.00778
15.58	15.59	15.51	14.04	-0.11146	0.547427
12.75	4.2	6.38	4.34	-1.38492	8.22E-18
0	0.11	0.12	0.14	NA	NA
5.55	3.01	3.76	3.46	-0.37529	0.122483
2.01	0.89	1.53	1.27	-0.97722	0.054994
0.06	0	0.06	0	NA	NA
11.53	11.15	10.94	10.18	0.195954	0.149186
6.12	6.15	7.05	7.7	-0.07108	0.653519
21.07	29.97	26.41	26.7	0.432549	7.31E-06
5.51	6.9	5.79	6.94	0.215386	0.23118
22.12	27.63	27.16	27.29	0.192355	0.102463
2.67	2.66	2.41	2.89	-0.09495	0.651342

14.91	30.54	23.05	27.05	0.824242	3.25E-14
1.78	1.56	1.3	1.31	-0.31349	0.179344
22.63	35.39	27.46	31.12	0.455918	0.000711
11.66	10.34	11.4	9.57	-0.1368	0.553779
38.78	42.71	39.6	40.44	0.221212	0.022918
1773.48	1544.56	2368.01	2019.97	0.061396	0.743045
15.52	14.29	14.84	13.81	-0.26857	0.005716
43.07	49.69	58.27	56.58	-0.05206	0.693665
39.1	39.3	38.88	38.57	0.107803	0.435331
0	0	0	0	NA	NA
14.53	14.75	13.76	15.34	-0.05926	0.638027
8.01	22.82	21.88	24.3	1.378428	3.25E-32
45.22	58.49	55.61	52.07	0.267611	0.008221
0.09	0.1	0.16	0.21	-0.62689	0.35461
2.12	3.28	3.41	2.83	0.115642	0.6696
13.22	12.16	10.99	9.08	-0.08103	0.700418
2.43	3.03	3.13	3.13	0.254245	0.067405
12.25	10.71	11.18	11.79	0.001648	0.995428
32.65	67.54	58.55	64.05	0.760806	7.25E-12
42.26	4.71	16.03	11.3	-1.90124	1.68E-07
4.56	1.78	1.82	2.94	-0.8675	1.71E-05
3.49	1.67	1.41	1.34	-1.02798	6.94E-05
47.22	14.36	23.11	19.61	-1.07772	6.02E-15
47.76	38.94	42.43	42.7	-0.39495	0.000766
3.25	5.19	3.53	4.76	0.201103	0.172666
3.5	16.22	14.74	15.93	1.972005	4.94E-79
452.49	131.08	197.02	143.72	-1.56584	7.15E-41
78.25	143.55	136.88	152.67	0.821216	9.68E-30
84.83	62.33	71.66	67.51	-0.21076	0.030101
22.91	1.96	5.11	4.02	-2.49135	3.24E-11
0	0	0	0	NA	NA
0.03	0.06	0.05	0.09	NA	NA
9.24	20.87	15.58	18.05	0.772799	4.10E-07
126.29	65.85	91.17	78.32	-0.8708	1.35E-12
1.56	0.67	0.47	0.68	-1.32438	0.001394
14.41	10.38	12.27	9.75	0.099272	0.553412
3.98	0	1.21	0.52	-1.97998	3.66E-05
4.69	6.5	5.19	5.85	0.379415	0.017646
64.96	65.84	67.56	63.16	0.017362	0.899382
3.04	1.03	1.96	1.55	-1.13342	1.75E-06
0	0	0	0	NA	NA
36.77	43.95	46.22	47.49	0.136515	0.36079
23.25	29.87	24.03	24.59	0.190999	0.280891
0.2	0.1	0.04	0.12	-1.33985	0.02352
24.32	25.2	25.45	25.2	-0.05445	0.717625

29.75	46.48	39.91	40.75	0.582056	1.98E-06
0	0	0	0	NA	NA
8.31	7.96	8.74	7.66	-0.161	0.270473
5.29	4.11	5.12	4.75	-0.09228	0.708562
34.2	18.83	22.55	24.36	-0.5088	4.83E-07
88.64	59.97	68.97	61.94	-0.57173	4.32E-10
20.35	17.75	17.68	17.2	0.013695	0.944571
2.11	4.93	2.68	4.21	0.826555	0.003093
21.3	38.61	30.95	34.27	0.4821	0.001113
0	0.02	0	0.02	NA	NA
0.14	0.01	0	0	NA	NA
0	0	0	0.01	NA	NA
5.87	6.16	6.24	7.21	0.142649	0.471929
0.13	0.13	0.03	0	NA	NA
0.03	0.02	0.03	0.11	NA	NA
3.41	2.87	2.36	2.31	-0.81619	4.48E-08
0.18	0.27	0.12	0.29	NA	NA
3.05	0.92	1.03	0.97	-1.24355	0.000151
0.07	0	0.01	0.23	NA	NA
4.42	3.89	3.67	4.66	0.028084	0.908712
10.27	8.4	12.47	10.77	-0.47286	9.28E-05
7.67	7.15	8.12	8.32	-0.10773	0.494795
9.26	12.8	11.23	11.83	0.322434	0.001504
45.09	17.7	28.02	22.9	-0.80999	5.73E-10
0	0	0	0	NA	NA
1.11	0.77	0.91	0.92	-0.7308	0.088594
0.14	0	0.14	0.21	NA	NA
0	0	0	0	NA	NA
5.27	8.31	6.13	5.69	0.330123	0.066059
0	0.15	0.02	0	NA	NA
3.96	1.67	1.79	2.33	-1.18429	1.29E-09
0	0	0	0	NA	NA
0.13	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.16	15.3	12.46	13.06	0.116744	0.501155
1.9	1.82	2.12	1.87	-0.14496	0.565783
15.85	18.74	17.04	17.54	-0.01372	0.970247
4.47	2.56	3.09	2.33	-0.4264	0.072758
6.4	5.07	6.15	6.4	-0.06064	0.819338
11.01	15.65	8.02	10.17	-0.10378	0.675953
0	0	0.02	0	NA	NA
0	0.08	0.01	0.02	NA	NA
8.09	10.58	11.25	11.58	0.133081	0.487038
8.01	7.39	7.59	7.61	0.21417	0.18279

14	11.36	10.42	12.45	-0.39713	0.009917
2.67	1.63	2.2	2.81	-0.22332	0.675953
0.07	0.12	0.14	0.2	0.311555	0.692251
0.61	0.33	0.32	1.95	-0.19084	0.800053
15.91	14.11	17.3	14.46	-0.11086	0.464526
46.89	64.41	50.83	51.97	0.294094	0.00873
0.05	0	0	0	NA	NA
0.18	0.23	0.16	0.2	-0.25084	0.716647
0	0	0	0	NA	NA
9.92	13.57	12.75	13.15	0.315666	0.006817
5.57	6.88	5.19	6.05	0.3621	0.048925
10.38	8.96	10.09	10.27	-0.22001	0.06849
11.65	10.47	9.99	11.03	-0.01386	0.957971
3.13	1.89	2.12	1.57	-0.77824	0.004887
29.71	18.58	19.68	19.15	-0.66389	1.58E-12
4.71	5.63	4.18	7.68	-0.05045	0.883618
18.05	20.73	18.67	18.89	-0.05216	0.684807
0	0	0	0	NA	NA
1.03	0.56	0.64	0.76	-0.83187	0.000913
25.91	27.97	28.86	29.89	0.218655	0.06243
8.75	9.91	9.92	9.61	0.200367	0.086535
0	0.43	0.07	0.24	1.433156	0.013422
21.04	33.14	31.87	33.83	0.56407	1.62E-07
7.13	1.7	2.7	2.47	-1.28616	9.74E-05
38.67	32.81	37.25	37.2	-0.11437	0.32261
8.04	8.85	8.67	10.95	0.091815	0.683401
0	0.11	0.07	0.08	NA	NA
0	0	0	0	NA	NA
18.81	11.61	12.48	11.46	-0.63253	1.16E-05
0	0	0	0	NA	NA
5.91	1.51	3.74	4.25	-0.9092	0.000734
9.62	12.91	11.36	13.17	0.133992	0.4469
0	0	0.02	0	NA	NA
8.03	11.54	10.39	9.37	0.106157	0.502338
12	12.29	12.46	15.36	0.105248	0.333953
0.2	0.86	0.65	0.89	1.323791	0.008581
5.51	5.4	6.14	5.21	-0.146	0.594664
36.73	40.56	40.03	39.74	0.133359	0.172889
23.56	29.8	27.01	30.01	0.192383	0.211277
2.06	2.14	2.15	2.33	-0.04939	0.872359
1.43	1.72	1.64	1.5	0.342214	0.072947
0.16	0.12	0.03	0.04	NA	NA
4.69	6.69	6.3	6.15	0.252531	0.133281
0	0.22	0.05	0.11	NA	NA
17.96	15.7	13.97	13.8	-0.17676	0.169106

3.39	1.71	1.86	2.81	-0.57568	0.007925
5.25	3.29	2.95	3.98	-0.47519	0.010227
0.09	35.28	5.69	15.8	3.711253	2.11E-12
1.38	1.42	1.67	1.33	-0.51335	0.077363
9.35	4.32	5.54	4.77	-0.74518	1.40E-07
8.98	7.31	6.4	7.31	-0.21235	0.155519
0.01	0.01	0	0	NA	NA
0	0	0	0	NA	NA
400.14	326.15	352.67	325.85	-0.21762	0.015262
30.74	25.5	27.23	28.51	-0.1667	0.332903
35.1	40.47	42.41	40.04	0.128922	0.303152
1.11	3.12	3.53	2.4	0.579931	0.139731
8.6	11.46	9.75	10.43	0.262044	0.028781
0	0	0	0	NA	NA
25.85	17.68	21.5	20.47	-0.12065	0.31492
13.77	14.69	15.83	15.11	-0.13044	0.452509
10.03	1.59	3.06	2.66	-2.01552	4.64E-30
0	0	0	0	NA	NA
11.2	11.11	11.63	12.05	0.011325	0.944642
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
19.55	20.18	22.07	21.84	0.024421	0.895538
0	0	0	0.1	NA	NA
36.28	10.88	15.15	13.96	-1.54983	1.93E-49
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	0.13	0.4	0.25	-0.08108	0.931439
46.86	56.43	58.86	66.1	0.204755	0.024016
62.84	80.01	71.15	72.6	0.121943	0.199631
0.5	0	0	0	-2.79357	2.90E-07
0	0	0	0	NA	NA
0	0.08	0.1	0.07	NA	NA
16.67	14.94	18.88	18.67	-0.08181	0.546299
17.9	17.09	13.77	15.28	-0.23626	0.030372
0	0	0	0	NA	NA
21.28	2.67	5.83	3.51	-2.15894	4.09E-14
101.1	51.74	56.21	53.76	-1.01613	7.03E-47
0.11	0.08	0.02	0.02	-0.37849	0.626965
0	0	0	0	NA	NA
7.55	10.5	9.83	10.13	0.459298	8.58E-05
0.26	0.32	0.31	0.34	0.348442	0.616695
6.37	6.28	5.7	6.51	-0.0828	0.726122
27.95	21.21	25.48	29.59	-0.20194	0.085592
602.07	497.59	551.51	493.56	-0.26863	0.001041
17.71	9.94	13.33	14.46	-0.50066	0.000244

14.82	24.31	22.12	24.13	0.605052	8.48E-11
1.06	0.02	1.06	0.31	-0.34192	0.664961
4.03	3.14	4.03	3.69	-0.17486	0.525078
0.1	0.14	0.1	0.41	0.544095	0.457237
7.84	6.04	7.64	5.33	-0.09867	0.771371
7.88	8.33	9.33	9.8	0.159005	0.243689
2.04	1.87	2.05	2.61	0.100148	0.801875
6.98	6.87	4.85	6.45	0.026577	0.877741
13.61	13.35	11.72	13.08	-0.10237	0.522358
7.84	4.63	4.54	4.01	-0.72669	3.77E-08
7.05	4.91	5.91	5.65	-0.35763	0.021019
21.59	29.57	27.39	31.02	0.340665	0.000201
0	0.09	0	0	NA	NA
127.89	92.82	95.09	91.04	-0.37914	2.65E-06
1.01	0.38	1.53	0.63	-0.85432	0.093224
0	0	0.01	0.05	NA	NA
12.62	13.27	15.58	13.69	0.108506	0.493915
13.68	10.7	8.87	12.58	-0.21018	0.139094
65.3	70.9	72.72	72.64	0.105157	0.294481
150.07	201.48	200.58	196.22	0.326856	2.94E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.8	24.63	19.56	23.55	0.538171	9.46E-07
0	0	0	0	NA	NA
27.93	185.53	68.09	120.15	1.915574	5.38E-07
277.2	246.23	304.75	283.44	-0.11348	0.268349
9.68	7.4	6.54	6.08	-0.20731	0.37944
4.55	7.37	5.76	6.22	0.735447	0.001423
21.82	27.07	20.97	25.98	0.208513	0.141665
7.69	5.91	5.38	6.41	-0.40616	0.01076
0	0	0	0	NA	NA
8.7	9.05	10.71	7.68	-0.05034	0.822035
23.11	24.25	23.88	19.29	0.02202	0.924712
6.49	6.59	7.19	6.63	0.033753	0.840624
20.39	8.44	14.11	11.69	-0.82103	1.24E-07
6.45	6.26	7.72	7.62	0.034153	0.907131
165.01	140.95	148.38	131.14	-0.19205	0.052499
31.94	10.37	16.92	13.25	-1.14946	3.31E-18
0.26	0.73	0.33	1.03	NA	NA
0	0.04	0	0.01	NA	NA
51.23	49.92	49.88	51.28	-0.00376	0.977207
0.01	0	0.03	0	NA	NA
0	0	0.06	0.02	NA	NA
10.43	10.85	9.02	9.74	0.005856	0.975618

0.1	0	0.07	0	NA	NA
2.13	4.25	3.3	4.03	0.914439	7.69E-11
5.36	4.68	4.63	5.37	-0.14562	0.368657
16.53	23.62	19.67	22.45	0.408693	0.001382
195.65	97.03	125.41	112.2	-0.75173	1.47E-15
0	0	0	0	NA	NA
0.34	0.33	0.44	0.28	0.20951	0.783544
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.54	5.08	3.23	3.43	-0.58629	0.004116
190.3	218.31	193.3	202.19	0.055227	0.656491
7.17	11.43	8.62	9.85	0.528846	1.93E-05
43.69	33.57	39.92	35.02	-0.2786	0.00177
0	0	0	0	NA	NA
25.95	18.99	19.34	19.71	-0.612	2.11E-05
5.09	16.53	19.22	19.19	1.404601	3.17E-28
12.14	10.38	11.73	10.68	-0.10552	0.555637
130.43	140.13	165.99	157.44	0.183326	0.068527
7.84	4.88	5	7.88	-0.12343	0.547427
1.74	0.99	1.35	1.1	-0.2376	0.626883
28.64	28.3	27.08	29.82	-0.07918	0.543584
7.02	7.54	6.45	8.04	-0.01092	0.961232
1.63	1.99	0.85	0.94	0.230331	0.46082
3.65	6.52	3.94	5.12	0.213229	0.334588
6.87	4.2	4.72	4.9	-0.70096	3.87E-05
2.48	2.08	1.94	2.41	-0.09904	0.826911
0	0	0	0	NA	NA
22.65	23.45	21.71	25.08	0.033717	0.840033
11.58	8.33	10.17	9.43	-0.33976	9.17E-05
7.42	3.42	3.71	2.85	-0.94513	2.80E-06
57.55	65.85	65.1	56.29	0.093564	0.477739
30.95	103.81	62.92	81.74	1.595464	1.93E-29
12.91	34.43	32.34	42.12	1.389247	3.97E-37
9.05	6.76	9.21	10.59	-0.02074	0.935474
7.49	6.26	5.59	5.69	-0.43848	5.36E-06
17.95	15.53	16.69	13.75	0.367886	0.055267
0	0	0	0	NA	NA
11.24	13.95	12.21	12.83	0.109003	0.475612
18.02	20.11	19.91	18.96	0.156584	0.234526
158.68	193.14	187.76	193.71	0.192604	0.021636
17.09	21.28	21.12	20.85	0.359721	0.005944
50.11	47.94	45.04	48.87	-0.13192	0.150252
114.96	127.38	128.69	122.26	0.148781	0.131901
18.25	29.8	22.81	27.66	0.474467	0.000224
5.05	4.82	5.52	6.07	0.048528	0.887602

45.03	35.42	37.44	38.37	-0.41871	1.01E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.06	2.93	3.18	3.38	0.501651	0.019334
22.78	10.41	14.19	13.36	-0.84783	2.20E-06
1.35	0.77	0.81	1.21	-0.62471	0.014723
11.25	11.89	12.46	12.04	0.104476	0.340129
0	0.05	0.06	0.06	NA	NA
5.19	6.48	9.29	6.52	0.266349	0.086862
0.42	0.6	0.93	1.3	0.150721	0.845257
93.85	75.6	85.14	83.82	-0.31008	0.000526
0.23	0.16	0.23	0.22	-0.20371	0.787973
24.21	25.55	23.2	23.65	0.071296	0.741906
19.52	20.22	20.58	20.61	0.007161	0.975638
0	0	0	0	NA	NA
0.31	0.13	0.03	0.06	NA	NA
0	0	0.15	0.01	NA	NA
16.68	16.4	16.89	16.96	-0.02815	0.867634
407.23	375.67	380.73	354.38	-0.16925	0.059382
24.76	15.38	23.02	19.19	-0.19048	0.231668
19.94	21.56	19.61	19.22	0.128214	0.527312
1.82	26	11.58	16.97	2.535085	5.88E-11
0	0	0	0.09	NA	NA
0	0	0	0	NA	NA
12.8	10.38	12.24	10.63	-0.127	0.498179
351.86	287.25	326	335.57	-0.24826	0.002935
0	0	0	0	NA	NA
20.11	36.74	32.37	36.52	0.656677	8.65E-09
3.72	0.96	1.62	1.1	-1.70542	4.82E-11
0	0	0	0	NA	NA
3.35	4.04	3.84	5.03	0.249644	0.141973
11.08	15.46	14.93	12.09	0.140149	0.475699
156.18	147.43	150.1	152.1	-0.15641	0.062773
4.42	4.4	6.56	4.81	-0.04329	0.880476
9.36	8.41	8.63	6.72	-0.0442	0.848892
0	0	0	0	NA	NA
1	0.43	0.57	0.59	-0.94727	0.004558
0	0	0	0	NA	NA
19.08	14.78	17.78	16.51	-0.24838	0.061877
0.75	0.53	0.6	0.6	-0.0018	0.997475
0.58	1.03	1.65	0.39	0.365183	0.528371
0.4	1.58	0.76	1.07	1.361213	0.011945
0.12	0.08	0.04	0.16	-0.88167	0.175193
13.53	19.83	15.35	15.29	0.37789	0.001928
6.8	7.22	8.35	4.88	0.224796	0.468055

3.3	3.46	2.97	3.13	-0.20676	0.373088
0.45	0.02	0.1	0	-1.93676	0.000715
0	0	0	0	NA	NA
181.37	199.23	171.84	182.15	0.080841	0.45229
0	0	0	0	NA	NA
0.84	0.99	0.7	0.56	0.123994	0.801875
0	0	0	0	NA	NA
2.92	4.76	4.46	4.73	0.518024	1.39E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
18.95	21.74	21.14	20.88	0.088887	0.602721
7.54	6.52	6.62	6.3	-0.13566	0.502229
3.32	2.94	3.12	3.1	-0.03194	0.898268
8.33	8.36	7.05	7.57	-0.20934	0.287509
39.06	270.49	200.6	254.52	2.54019	8.28E-136
0.16	0.01	0.03	0.04	NA	NA
14.87	21.78	15.65	20.4	0.331523	0.005939
5.22	4.23	4.73	4.89	-0.34597	0.006223
6.03	7.72	7.5	7.33	0.260123	0.020548
0.3	0.56	0.19	0.83	0.239709	0.768148
154.27	116.97	188.44	165.59	0.07629	0.849012
0.04	0.51	0.15	0.24	2.410867	3.96E-06
4.22	9.52	9.46	11.73	0.605233	2.13E-05
9.71	8.75	10.27	9.49	-0.15084	0.426714
19.1	14.1	13.7	12.36	-0.59637	8.13E-06
4.88	7.37	6.5	6.45	0.471565	0.068365
11.46	13.77	15.27	14.18	0.06996	0.732891
1.47	0.74	1.1	1.19	-0.21681	0.504968
0	0	0	0.02	NA	NA
0.03	0	0.04	0.1	NA	NA
3.62	1.64	1.01	1.45	-0.14101	0.804462
0.23	2.12	0.75	1.88	1.929144	2.21E-05
0.03	0.05	0.02	0.03	NA	NA
4.6	5.41	4.72	5.12	0.334392	0.006402
38.78	32.02	30.71	32.33	-0.39461	6.58E-07
1.26	0.31	1.39	1.18	-0.09523	0.91777
13.46	8.8	8.83	7.53	-0.39884	0.170856
4.47	12.24	9.64	11.83	1.173725	8.67E-14
28.58	45.92	42.71	52.48	0.751689	1.86E-21
47.02	87.45	63.4	73.8	0.579656	7.38E-07
35.93	36.14	36.84	41.9	0.056197	0.700319
1.66	1.03	1	1.17	-0.28783	0.55675
0	0	0	0	NA	NA
33.82	21.91	24.72	23.16	-0.59996	5.36E-09

0	0	0.02	0 NA	NA
30.22	24.57	28.86	28.59 -0.21017	0.033021
10.08	11.74	12.52	13.12 -0.01433	0.955141
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0.09	0 NA	NA
34.89	35.12	33.92	32.63 -0.03706	0.779226
1.61	13.04	4.06	7.74 2.236233	5.13E-08
0	0.12	0.11	0.12 NA	NA
40.38	35.91	33.83	37.12 -0.22984	0.01752
3.22	0.5	1.02	1.27 -2.15679	3.23E-07
11.6	14.93	12.03	13.08 0.027589	0.946543
5.76	4.49	4.42	5.03 -0.42932	0.00114
1.96	9.7	3.65	6.45 1.3006	0.001239
0.45	0.04	0.11	0.05 -2.74109	5.73E-11
0.75	0.27	0.35	0.43 -0.8054	0.194005
0	0	0.05	0 NA	NA
70.93	74.59	72.5	79.88 0.051046	0.646408
16.4	15.53	14.44	14.48 -0.0596	0.646408
195.82	235.05	220.69	239.9 0.146714	0.094033
0	0	0	0 NA	NA
0.16	0.09	0.02	0 NA	NA
9.52	10.43	10.16	11 0.073376	0.684097
17.73	13.31	17.06	16.92 -0.17247	0.130354
0.11	0.12	0.09	0.07 -0.29771	0.681801
47.76	41.05	58.17	45.27 -0.16884	0.087697
8.53	13.33	10.53	12.4 0.148275	0.159661
28	30.33	27.14	28.39 -0.1259	0.233642
7.76	4.08	5.11	5.72 -0.71839	0.000148
52.7	45.02	49.08	47.66 -0.0773	0.471929
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
10.07	11.96	10.57	11.83 0.155984	0.147092
14.75	22.47	17.73	21.92 0.421555	8.89E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.24	11.9	11.51	12.1 -0.0177	0.91832
4.32	5.75	1.07	2.75 -0.13923	0.864897
6.12	7.53	7.01	7.89 0.375181	0.000428
424.96	306.46	328.3	320.87 -0.48369	5.30E-14
33.32	33.76	33.99	33.95 -0.02538	0.845525
0	0.97	0.13	0.11 0.062872	0.94726
2.92	7.86	7.61	8.86 1.427969	5.02E-15
1.75	2.27	2.28	2.37 0.245804	0.210423

25.9	25.74	27.33	28.95	-0.00228	0.988237
4.34	5.16	4.21	4.44	0.010133	0.972956
7.2	32.18	25.38	30.81	2.027395	3.24E-60
24.47	32.47	27.29	29.57	0.443337	9.44E-05
0	0	0	0	NA	NA
15.42	15.36	15.67	15.87	0.050494	0.748475
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.29	6.26	9.12	8.62	0.33439	0.089133
5.82	1.16	2.09	1.54	-1.91726	3.44E-22
0.16	0.14	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.75	2.58	2.68	2.69	-0.11331	0.784872
0	0	0.04	0.06	NA	NA
23.53	20.47	20.93	17.72	0.110735	0.492577
4.46	4.68	3.22	5.76	-0.10068	0.758944
58.13	40.14	43.69	40.23	-0.4737	9.47E-08
0	0.1	0.05	0	NA	NA
7.93	10.82	9.33	10.04	0.311176	0.015935
8.74	7.59	6.71	6.55	-0.22052	0.195631
8.74	7.59	6.71	6.55	-0.22052	0.195631
0.03	0	0	0.01	NA	NA
0.03	0	0	0.01	NA	NA
6.45	4.84	5.3	6.1	-0.148	0.552317
16.94	15.74	17.65	18.87	0.125222	0.382844
61.25	69.66	70.38	65.68	0.004341	0.978168
8.59	11.57	8.8	7.54	0.203294	0.519824
0.27	0.06	0.05	0.04	-1.97117	7.83E-06
19.9	22.33	25.52	23.65	0.275459	0.08626
9.48	12.52	11.26	11.51	0.405545	0.002178
0	0.25	0.18	0.31	0.848292	0.186252
0	0	0	0	NA	NA
1.1	0.58	1.34	1.04	-0.20061	0.501186
50.84	55.79	53.84	57.47	0.061389	0.526672
0	0	0	0	NA	NA
1.46	3.93	2.52	5.75	0.780945	0.000674
7.08	8.38	7.79	7.28	0.365921	0.068722
0	0	0	0	NA	NA
4.22	4.04	4.29	5.47	-0.09239	0.698813
1.08	3.17	2.78	3.57	1.720081	2.04E-09
0	0.05	0	0	NA	NA
0.06	0.04	0.11	0.03	NA	NA
0	0.05	0.07	0.11	NA	NA

20.55	20.49	18.95	22.11	-0.08723	0.378021
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
3.99	2.79	2.67	2.7	-0.7278	1.70E-09
0.01	0	0.04	0.06	-0.37196	0.628896
9.02	14.61	12.01	13.23	0.52361	0.000287
5.15	3.83	4.13	4.29	-0.20391	0.273443
6.1	5.31	5.56	6.23	-0.01855	0.945762
15.14	21.81	20.76	21.51	0.198953	0.113811
20.68	29.7	26.96	27.29	0.465582	0.0002
3.04	4.25	3.66	4.3	0.150983	0.555224
0	0	0	0 NA	NA	
45.98	50.76	50.6	48.65	0.024772	0.888394
0.06	0	0	0 NA	NA	
0	0	0	0 NA	NA	
54.45	52.78	51.55	50.78	-0.14655	0.151718
6.49	9.78	9.22	11.34	0.38715	0.000328
14.88	12	13.95	14.53	-0.24716	0.052389
0	0	0.08	0 NA	NA	
6.37	5.45	5.46	5.5	-0.29487	0.043978
34.2	49.35	39.39	42.41	0.360361	0.003791
4.74	2.91	3.65	3.33	-0.56866	0.000766
13.57	18.7	16.81	18.4	0.281257	0.101148
0	0.13	0.14	0.33	0.704221	0.310228
4.01	2.7	3.04	2.9	-0.49368	0.001758
0	0	0	0 NA	NA	
0.94	0.4	0.49	0.44	-0.7433	0.023897
717.83	646.99	704.29	630.35	-0.19746	0.029373
5.92	4.46	4.9	4.86	-0.37046	0.015186
1.09	1.66	1.52	2.3	1.165941	0.034903
8.56	8.41	9.52	6.95	-0.31017	0.067277
0.08	0	0	0 NA	NA	
13.94	11.94	12.39	13.52	0.003511	0.989838
0	0	0	0.03 NA	NA	
0.09	0	0.11	0.15	-0.51161	0.482257
11.79	13.99	13.36	12.86	0.161099	0.389913
0	0	0	0 NA	NA	
31.82	26.19	29.78	28.88	-0.2432	0.023758
0.33	0.38	0.18	0.15	-0.23659	0.778541
0	0	0.01	0 NA	NA	
1.12	33.68	13.73	22.51	3.025296	6.34E-12
50.27	57.41	58.25	59.57	0.170552	0.116184
0	0.02	0	0 NA	NA	
0.14	0.04	0	0.07	-0.72767	0.285624

486.03	283.47	334.36	306.99	-0.70141	1.79E-18
16.09	29.24	26.35	27.29	0.703944	2.93E-15
36.58	29.61	28.75	26.22	-0.32279	0.002871
0.39	0	0.02	0.11	-1.1779	0.058686
0	0	0	0	NA	NA
4.9	4.17	4.13	4.76	-0.14701	0.2682
61.07	98.91	85.35	83.46	0.563972	NA
5.45	5.09	4.26	4.68	-0.03272	0.901652
0	0.07	0	0	NA	NA
11.01	11.42	10.8	10.81	0.057908	0.761451
3.54	2.59	2.9	2.98	0.138765	0.779498
9.52	17.15	14.63	14.95	0.520386	2.83E-09
9.05	9.09	8.88	8.87	-0.01713	0.916858
38.81	39.92	38.54	43.74	0.28143	0.007671
8.01	13.34	15.98	16.83	0.51945	0.010349
0	0	0	0	NA	NA
6.45	4	3.96	3.8	-0.81169	8.69E-11
0	0	0	0	NA	NA
0	0	0	0	NA	NA
45.93	59.34	56.64	54	0.650126	1.91E-11
0.03	0	0.02	0.02	NA	NA
0.19	0.54	0.23	0.28	0.543146	0.444919
80.6	695.73	486.01	627.18	2.715569	5.41E-33
0.07	1.45	0.34	0.55	2.570596	6.76E-08
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0.7	0.6	0.69	0.4	-0.12578	0.789916
0	0	0	0	NA	NA
0	0	0	0	NA	NA
205.51	83.07	132.01	110.87	-1.018	4.09E-16
72.31	78.3	71.77	74.61	0.094689	0.440749
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0.51	0.99	1.1	0.99	0.855336	0.049013
43.14	39.52	47.11	44.95	-0.12968	0.1446
1.81	3.41	2.52	2.84	0.278541	0.45955
22.53	25.22	23.97	20.51	-0.03984	0.813172
0	1.09	0.61	0.5	NA	NA
77.02	1057.22	473.71	773.68	2.785252	7.14E-19
7.46	7.63	7.48	7.79	0.173416	0.328713
17.49	22.14	19.39	19.96	0.213267	0.083542
26.78	19.59	26.01	24.35	-0.11266	0.459872
0.06	0.01	0.03	0.06	NA	NA
0	0	0	0	NA	NA
2.37	0.08	0.12	0	-1.62659	0.00556

13.08	14.15	15.23	12.63	0.024997	0.890238
5.74	7.88	7.65	7.65	0.230191	0.065058
0	0	0	0	NA	NA
8.43	13.11	13.72	12.64	0.670665	1.47E-12
0.4	0.27	0.41	0.25	-0.33175	0.495513
0	0	0	0	NA	NA
55.37	81.73	79.23	80.3	0.509721	2.70E-12
0.45	0.81	0.91	0.58	0.693632	0.123875
0	0.04	0	0.04	NA	NA
9.94	35.49	24.25	33.1	1.573389	8.94E-27
5.6	5.3	4.55	4.77	-0.0634	0.805748
6.98	7.65	7.62	7.76	0.024831	0.934472
18.91	21.36	19.73	18.73	0.094118	0.466549
0.2	0.02	0.08	0.08	-0.72272	0.294358
63.89	70.28	77.08	70.59	0.067314	0.657393
0	0	0.07	0	NA	NA
3.7	2.25	2.92	2.44	-0.20641	0.472097
1.71	0.28	0.54	0.48	-2.03923	2.38E-08
0.46	7.02	3.5	5.24	2.58301	1.02E-19
0	0	0	0	NA	NA
6.91	7.07	6.84	7.83	0.028457	0.876132
2.3	1.63	2.28	1.39	-0.19856	0.614268
6.31	18.87	17.71	17.94	1.332955	3.81E-35
0.34	0.06	0.21	0.11	NA	NA
0	0	0	0	NA	NA
0.46	0.77	0.33	0.77	0.992057	0.015029
2.59	2.31	1.63	2.66	-0.39992	0.175764
25.8	23.4	24.64	24.48	-0.13873	0.359108
12.02	15.17	15.55	14.52	-0.02552	0.881974
4.68	3.78	4.06	4	-0.41403	0.0357
13.01	12.76	10.93	12.59	-0.16163	0.318669
2.96	2.99	2.14	1.96	-0.43546	0.183826
8.58	10.88	9.01	8.5	0.223841	0.350469
21.27	20.84	22.95	28.09	-0.00878	0.975224
11.72	23.51	18.94	22.08	0.619641	1.36E-05
0.2	0.23	0.24	0.27	0.45958	0.422363
4.52	4.04	4.57	4.73	0.085543	0.738866
5.45	6.29	6.41	6.42	0.168932	0.1179
3.59	4.35	4.75	4.31	0.211504	0.297792
0	0	0	0	NA	NA
0	0	0	0	NA	NA
41.01	45.69	45.02	45.94	0.087086	0.510916
51.31	88.25	78.37	84.64	0.49802	6.21E-09
0	0	0	0	NA	NA
0.9	0.48	0.37	0.45	-1.05245	0.002119

0	0	0	0	NA	NA
64.9	36.92	42.87	41.33	-0.65662	2.32E-12
0	0	0	0	NA	NA
0.81	0.51	0.4	0.88	0.289969	0.604355
0	0	0	0	NA	NA
196.64	135.28	147.75	135.55	-0.49897	1.72E-09
52.94	1063.7	370.93	665.59	3.236647	1.74E-17
0.76	0.44	0.43	0.24	-0.29427	0.667336
0	0.5	0	0.09	NA	NA
16.31	17.68	14.28	16.05	-0.07911	0.760254
0.57	0.95	0.78	1.27	0.253125	0.540392
13.85	15.7	20.03	18.6	0.692426	4.90E-08
6.72	4.49	5.06	4.92	-0.03725	0.877689
0	0	0	0	NA	NA
15.13	18.32	18.44	20.14	0.16096	0.108285
0.99	4.55	2.96	3.01	2.101476	2.07E-24
22.81	7.87	10.68	10.12	-1.29342	3.85E-28
0.61	0.77	0.59	0.97	0.326156	0.40718
32.47	30.97	33.79	33.63	0.087228	0.452939
33.63	34.71	30.36	32.65	0.085805	0.62576
27.59	32.45	29.9	28.89	0.068956	0.699843
4.16	11.08	8.47	10.46	1.181209	1.15E-11
2.03	3.78	3.66	5.73	0.83796	1.93E-05
27.11	26.72	25.32	26.17	0.078076	0.543994
13.2	13.88	14.79	15.69	0.144797	0.197176
1155.58	962.3	1002.51	939.54	-0.30378	4.74E-05
0	0	0	0	NA	NA
6.52	3.53	3.61	4.22	-0.17998	0.504223
0	0.81	0.49	0.8	1.426855	0.016775
993.41	768.51	1077.77	972.33	-0.17936	0.110254
0.15	0.09	0.07	0.05	-0.68665	0.305915
32.72	31.22	28.89	29.41	-0.11332	0.374571
34.11	41.89	42.75	45.54	0.328934	0.00089
1.11	1.09	2.39	1.77	0.090161	0.832051
0.16	1.21	0.62	0.98	1.148893	0.010136
4.46	6.57	5.16	5.5	0.396699	0.000696
120.32	125	116.86	114.26	-0.06808	0.583015
13.18	7.1	8.14	7.4	-0.89761	7.07E-09
10.44	22.26	16.43	16.64	0.606312	0.000145
32.71	30.44	24.66	23.43	-0.34325	0.000359
15.11	19.26	16.7	17.84	0.173198	0.120602
6.49	11.85	10.06	13.23	0.915463	7.54E-10
1.34	1.64	1.94	1.56	0.31092	0.496085
16.35	21.36	16.49	16.22	0.132165	0.385883
0.07	0.02	0	0.07	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0.28	0.08	0.13	0.14	-0.4452	0.54299
0	0.01	0	0	NA	NA
6.09	4.58	4.34	4.53	0.361649	0.03786
0	0	0	0	NA	NA
3.64	4.14	4.47	4.67	0.126023	0.553672
0	0	0	0	NA	NA
0	0	0	0	NA	NA
26.09	39.15	39.57	38.28	0.384202	7.32E-05
50.12	39.84	43.72	43.4	-0.17757	0.094878
0	0	0	0	NA	NA
26.88	25.39	25.39	24.86	-0.14975	0.249937
0.19	0	0	0	NA	NA
44.37	42.34	43.46	45.75	-0.14233	0.200924
55.01	101.26	87.73	95.18	0.835791	1.38E-32
0	0	0	0	NA	NA
3.96	4.4	4.52	5.12	0.129303	0.394737
54.1	65.86	60.49	65.19	0.151597	0.18583
31.29	21.28	24.51	22.58	-0.57438	6.13E-08
5.75	7.67	7.23	6.62	0.111329	0.577378
63.47	82.99	79.68	81.92	0.278346	0.000336
7.1	64.88	27.16	43.02	2.31573	3.21E-12
6.62	7.31	6.09	6.56	-0.17665	0.339708
0.75	0.26	0.74	0.25	-0.65967	0.116401
0	0	0	0	NA	NA
0	0.02	0	0.03	NA	NA
0	0	0	0	NA	NA
27.84	28.72	26.56	25.99	0.329472	0.031136
1.27	1.67	1.64	1.09	0.069854	0.886918
305.79	210.53	207.22	184.72	-0.57924	5.12E-11
0	0	0	0	NA	NA
26.29	28.01	24.03	23.8	0.07087	0.694087
5.03	5.65	4.97	4.84	0.067824	0.799684
0.24	0.26	0.39	0.16	0.407747	0.549007
28.31	28.23	28.64	28.89	0.011234	0.93853
21.46	19.77	21.23	17.8	-0.03721	0.871253
0	0.09	0	0	NA	NA
0	0	0	0	NA	NA
1.1	1.13	0.81	1.15	-0.03796	0.92765
0	0	0	0	NA	NA
0.08	0.24	0.64	0.52	0.531642	0.448968
2.29	2.34	2.07	2.36	0.364154	0.294522
0	0	0	0	NA	NA

0	0	0	0 NA	NA
16.93	16.16	15.76	16.17	-0.04918 0.81989
0	0	0	0 NA	NA
0.04	0.03	0	0 NA	NA
16.13	17.3	16.53	16.02	0.046108 0.776881
0.92	0.89	0.9	0.21	0.466501 0.53524
44.08	44.72	43.69	45.49	0.130284 0.200274
11.46	5.76	6.39	5.92	-0.9493 3.20E-19
37.34	37.81	35.04	35.44	-0.06385 0.631574
3.11	0.48	0.73	0.38	-2.70726 1.13E-17
4.58	4.12	3.99	4.56	-0.13914 0.595673
3.43	0.18	0.53	0.25	-3.18921 3.89E-26
0.37	0.18	0.13	0.23	-1.11127 0.007508
13.2	16.17	13.41	12.47	0.135794 0.4635
7.92	112.84	81.22	91.95	3.422554 3.69E-133
91.99	60.57	66.66	62.16	-0.54469 1.10E-10
119.4	135.02	120.7	130.98	0.03879 0.784714
0	0	0	0 NA	NA
58.41	48.91	52.71	51.07	-0.20321 0.021242
186.65	173.91	188.63	179.45	-0.14256 0.126661
93.51	89.54	95.88	81.48	0.00277 0.990895
0	0	0	0 NA	NA
0	0.01	0	0.02 NA	NA
0	0.02	0.04	0.03 NA	NA
19.61	19.08	20.09	18.74	0.176443 0.15479
2.99	3.97	3.54	3.58	0.265338 0.078454
52.11	41.47	44.22	43.69	-0.16418 0.174096
0	0.15	0.09	0.13	0.966909 0.113682
18.69	23.31	21.17	23.53	0.308673 0.001712
7.49	1.32	2.49	1.84	-1.9279 1.67E-33
28.37	37.9	32.59	33.6	0.228053 0.046491
28.42	36.5	32.77	30.54	0.155376 0.191296
4.91	4.12	3.92	4.11	0.211376 0.18258
79	58.77	62.31	58.74	-0.53964 2.56E-09
6.77	9.49	7.47	8.62	0.642051 0.000102
6.9	6.27	6.41	6.31	0.198436 0.463611
19.08	15.25	19.69	16.66	-0.32791 0.002055
72.83	90.35	85.96	87.05	0.250892 0.009662
3.42	1.47	0.84	0.74	-0.85856 0.0089
5.85	6.11	7.28	6.38	0.041555 0.833873
0.57	0	0.09	0.34	-1.07623 0.079841
0.49	0.16	0.29	0.57	-0.94664 0.090918
23.51	17.99	25.02	24.08	-0.13472 0.401907
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA

6.55	7.86	8.9	9.93	0.102605	0.606148
1.34	1.52	1.66	2.24	0.141626	0.835623
525.84	463.63	503.7	463.35	-0.21341	0.007084
2.63	2.48	2.41	1.97	-0.22877	0.59389
0	0	0	0	NA	NA
26.7	28.63	27.43	26.23	0.019843	0.907869
0	0	0	0.02	NA	NA
43.72	53.35	46.71	45.02	0.282145	0.004593
0	0	0	0	NA	NA
0.22	1.42	0.41	0.51	1.122535	0.070611
0	0	0	0	NA	NA
144.97	156.58	143.81	139.33	-0.14499	0.222522
0	0	0	0	NA	NA
17.14	10.92	11.68	11.92	-0.58051	6.82E-10
0	0.02	0.05	0.05	NA	NA
11.64	27.73	21.98	25.36	1.02091	3.48E-16
12.16	15.85	15.72	13.07	0.30848	0.011
282.57	259.53	272.17	274.03	-0.11618	0.202787
8.27	7.32	7.66	8.75	-0.20964	0.399481
27.79	29.49	33.33	34.65	0.126444	0.429497
62.88	81.11	83.23	80.56	0.401511	2.62E-06
98.46	79.89	82.7	83.74	-0.34525	9.99E-05
0.7	0.28	0.16	0.8	-0.50335	0.469819
15.98	20.85	18.1	20.49	0.081771	0.518703
6.31	9.41	8.42	9.14	0.404858	0.000149
1.1	0.87	0.98	0.99	-0.21182	0.679435
0.02	0	0	0	NA	NA
21.48	18.88	20.11	22.32	-0.12134	0.453463
40.88	46.52	42.67	42.75	0.073893	0.572793
0	0	0	0	NA	NA
0.7	55.99	25.57	32.22	4.60623	4.22E-46
0.01	0.07	0.07	0.14	0.507951	0.493018
8.51	10.51	9.14	8.38	-0.04442	0.808443
4.17	5.11	5.89	6.75	0.417563	0.005595
37.51	51.81	47.81	48.38	0.169829	0.102873
0.04	0.04	0.16	0.06	NA	NA
14.17	12.98	13.36	12.83	-0.13048	0.384585
13.4	8.72	10.3	10.6	-0.54026	1.56E-06
15.96	17.97	16.74	18.33	0.184615	0.222783
47.88	46.63	49.55	47.19	-0.03905	0.773749
6.19	6.12	5.95	7.05	-0.23237	0.060722
419.47	261.81	307.57	682.34	0.008423	0.991415
0	0	0	0	NA	NA
24.07	30.19	26.53	29.57	0.175973	0.140622
9.08	9.21	7.63	9.26	0.247162	0.207335

0	0	0	0	NA	NA
74.69	96.94	89.58	93.61	0.33857	0.002059
0.03	0.12	0.25	0.37	0.327188	0.675367
13.63	23.2	18.29	21.61	0.59882	1.35E-06
15.57	21.58	17.05	18.58	0.067581	0.781175
16.2	16.88	14.37	17.2	-0.06347	0.626014
6.15	5.3	5.24	5.57	-0.23878	0.062447
64.98	70.3	74.34	70.68	0.185685	0.027891
2.45	1.32	1.61	1.72	-0.91059	2.81E-05
16.72	12.02	14.74	16.96	-0.40672	0.007046
0.06	0.02	0.01	0.03	NA	NA
31.54	23.56	27.25	25.39	-0.27512	0.073639
0.6	0.22	0.08	0.05	-1.95557	3.60E-06
16.22	22.11	19.97	21.38	0.517225	2.51E-07
5.11	5.05	2.47	2.82	-0.20163	0.357274
4.44	5.85	4.61	4.57	0.227149	0.247221
5.3	3.37	3.36	3.12	-1.17299	1.48E-13
0	0	0	0	NA	NA
0	0	0.03	0.04	NA	NA
13.56	13.68	13.84	13.03	0.188297	0.181298
14.16	4.5	3.14	3.85	-1.95342	1.02E-38
4.37	0.41	0.25	0.02	-3.32176	4.73E-15
7.49	8.26	11.52	8.83	0.279928	0.03529
0.17	0.01	0.04	0	-0.89453	0.167881
0.79	0.54	0.52	0.18	-0.8605	0.033764
8.98	8.87	9.56	10.63	-0.0485	0.726143
0	0.02	0	0.03	NA	NA
0	0	0.03	0	NA	NA
26.22	27.17	31.47	32.01	0.068791	0.621469
87.21	81.18	82.27	81.55	-0.13061	0.157661
32.22	38.31	35.8	35.39	0.197979	0.057898
16.21	12.23	11.94	11.95	-0.50529	9.81E-06
3.87	3.73	4.38	4.49	0.145582	0.569015
0	0	0	0	NA	NA
2.18	3.21	2.79	2.53	0.184131	0.603309
2.45	0.86	2.64	3.17	-0.43153	0.310228
304.71	483.23	455.02	476.78	0.617395	2.11E-13
30.28	28.66	26.64	32.07	-0.11035	0.415103
0	0	0	0	NA	NA
2.37	4.98	5.17	4.76	0.541651	0.003193
1.45	1.05	1.24	0.81	-0.36802	0.270119
0.03	0	0	0	-1.12139	0.047298
0	0	0	0	NA	NA
1.69	1.21	1.66	1.44	-0.29149	0.223656
26.08	22.03	26.26	23.19	-0.03444	0.865047

0.06	0	0	0	NA	NA
0	0.01	0.01	0.02	NA	NA
235.8	188.2	220.26	195.89	-0.28471	0.006384
5.69	7.65	6.25	7.76	0.470397	0.00755
11.62	7.74	9.19	9.03	-0.23879	0.176808
17.31	11.65	18.07	17.37	-0.10774	0.590322
0.03	0.02	0.12	0.02	NA	NA
0.13	0.25	0	0	NA	NA
0.37	0.37	0.3	0.32	-0.44958	0.137888
101.3	143.35	129.97	137.89	0.508812	5.18E-09
0	0	0	0	NA	NA
90.42	18.97	30.51	21.53	-1.85108	2.92E-40
0.06	0	0	0.02	NA	NA
3.04	5.14	4.49	3.53	0.709984	0.003403
4.73	4.54	8.52	6.73	0.366859	0.401074
16.64	8.85	9.97	11.28	-0.5778	8.30E-07
9.58	6	6.08	6.24	-0.05465	0.857828
0.06	0.09	0.22	0.05	NA	NA
0.63	0.65	0.58	0.88	0.183246	0.740036
0.24	0.48	0.33	0.42	0.652989	0.351406
1.37	0	0.15	0.09	NA	NA
0.81	0.65	1.44	0.95	0.816809	0.110165
0	0	0.02	0	NA	NA
15.07	13.3	15.27	15.65	-0.23528	0.121552
26.39	53.66	54.96	57.17	0.941059	8.32E-30
11.71	10.13	8.96	6.05	-0.68299	3.67E-05
0.22	0.07	0.13	0.19	0.014345	0.989121
48.08	45.04	41.02	41.91	-0.10168	0.470944
15	10.74	10.46	12.33	-0.28848	0.089541
33.77	35.64	43.55	47.65	0.254622	0.006985
4.81	0.27	1.35	1.11	-1.97779	1.34E-08
42.52	49.27	41.88	48.31	0.11803	0.30614
105.36	98.45	88.82	90.14	-0.05315	0.64053
0.05	0.06	0.07	0.11	0.708134	0.306849
15.64	14.15	14.7	14.66	-0.10637	0.421388
0	0	0	0	NA	NA
13.8	19.66	21.29	20.23	0.464261	3.49E-07
14.33	10.47	9.4	10.52	-0.52865	5.50E-06
8.03	3.93	5.01	5.81	-0.32161	0.196491
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.09	0.02	0.03	NA	NA
90.71	84.64	78.78	80.07	-0.25878	0.021148
12.29	14.99	19.41	18.14	0.296433	0.080451
0.74	4.35	2.98	2.76	1.83726	4.60E-09

0.33	0.12	0.11	0.11	NA	NA
0.13	0.23	0.07	0.17	0.909619	0.149688
5.06	4.6	3.74	4.8	0.009992	0.973212
0.07	0.02	0.06	0.04	NA	NA
1.25	1.83	2.68	1.46	-0.17322	0.662931
0	0	0	0	NA	NA
1.29	0.92	1.12	1.53	-0.20081	0.700488
60.3	91.48	70.16	87.53	0.749132	3.62E-13
22.57	25.93	25.15	25.27	0.179521	0.065
16.28	13.88	16.51	17.35	-0.05607	0.696592
5.02	9.12	7.83	9.18	0.378349	0.033239
4.39	2.8	3.5	3.66	-0.4359	0.055676
0	0	0	0	NA	NA
26.46	30.53	30.63	24.03	0.220623	0.278147
0	0	0	0	NA	NA
3.72	4.19	3.88	4.17	-0.06932	0.704761
10.02	34.01	21.53	29.21	1.233431	2.61E-13
0	0	0	0	NA	NA
46.69	61.5	53.49	55.39	0.231828	0.01562
26.9	29.04	30.12	29.95	0.136063	0.386383
1.37	3.58	4.13	3.83	0.943605	1.80E-07
12.25	17.31	18.06	17.63	0.33782	0.001581
35.88	28.99	34.25	32.59	-0.22323	0.054871
0.02	0.01	0.03	0.05	NA	NA
8.45	10.75	10.43	10.57	0.388819	6.48E-06
39.57	86.97	61.21	69.47	0.904411	1.79E-14
94.74	93.63	102.03	91.14	-0.03248	0.855166
0.33	0	0	0	NA	NA
3.39	5.35	3.62	4.16	0.194322	0.228522
29.47	47.78	40.56	51.16	0.660175	2.71E-11
20.76	24.71	24.32	28.01	0.189635	0.108648
28.29	30.75	43.04	37.33	0.632371	6.85E-07
23.45	26.36	27.61	22.42	0.195675	0.260156
0.03	0.02	0.1	0.19	-0.37223	0.631601
10.95	8.34	11.14	10.18	-0.36095	0.017296
4.29	3.78	3.04	7.94	-0.1414	0.711654
5.74	5.44	5.89	7.03	0.100288	0.583993
3.45	4.61	5.17	3.96	0.183681	0.515226
63.27	37.23	39.14	38.72	-0.79087	2.61E-18
4.03	4.33	4.36	5.76	0.064488	0.82819
3.81	4.87	5.22	4.57	0.295239	0.082511
3.78	6.04	6.8	4.67	0.220944	0.23086
0.15	0.07	0.11	0.2	0.212328	0.800294
18.64	7.07	8.18	9.23	-1.23993	1.69E-23
5.69	6.35	6.81	6.73	0.007676	0.979916

0	0	0	0	NA	NA
0	0.93	0.36	0.77	2.610261	1.37E-06
29.63	24.66	32.5	31.58	0.049832	0.766199
1.21	3.43	2.99	3.86	1.37928	1.97E-18
3.36	3.7	3.71	4.57	0.311631	0.121341
10.52	9.78	9.7	10.49	-0.0371	0.81891
3.5	2.54	2.97	3.24	-0.38672	0.021225
37.81	31	30.15	30.65	-0.35189	0.001248
8.8	10.8	11.14	10.38	0.290263	0.009522
1.9	2.58	2.23	2.61	0.48092	0.029727
0	0	0	0	NA	NA
9.97	27.05	14.26	17.97	0.836256	0.000206
0.04	0	0	0	NA	NA
44.16	31.13	33.33	29.62	-0.52114	2.02E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0.04	0.04	NA	NA
0.71	0.27	0.83	0.51	-0.74657	0.029838
0.26	0.43	0.39	0.22	-0.00151	0.998212
1.13	1.42	1.96	1.62	0.807505	0.000305
0.53	3.18	1.24	1.67	2.137187	2.83E-07
318.19	333.7	313.46	334.4	-0.02324	0.838426
32.55	157.19	110.83	136.32	1.873953	3.77E-59
0	0	0	0	NA	NA
42.43	27.01	28.57	28.45	-0.62774	6.40E-11
9.16	18.01	12.15	20.88	1.093645	1.73E-12
0.99	0.06	0.33	0.13	-2.01204	4.05E-06
6.06	10.9	8.94	9.7	0.376692	0.013807
0.41	0.25	0.34	0.24	-0.97291	0.055173
38.03	36.39	41.68	40.84	0.002979	0.988102
0	0	0	0	NA	NA
38.73	32.81	45.37	36.77	-0.09553	0.651205
0	0	0	0	NA	NA
0	0	0	0.37	NA	NA
19.72	19.44	17.88	20.94	0.02392	0.90523
34.53	80.41	64.96	73.9	1.054008	7.36E-25
7.89	461.26	151.63	282.21	4.363706	1.60E-27
0.26	1.08	0.38	0.23	-0.11593	0.891048
0.36	0.14	0.19	0.42	0.118464	0.895604
5.45	3.53	4.4	3.24	-0.43329	0.147669
0.05	0	0.06	0	NA	NA
0.52	0.2	0.42	0.29	-1.02933	0.055549
0	0	0	0	NA	NA
52.86	56.42	53.58	54.6	-0.00119	0.995214
2.01	0.99	1.43	1.18	-0.77776	0.001085

8.89	9.21	10.23	9.95	0.177396	0.21918
38.92	0.72	3.02	1.41	-3.77627	6.16E-19
3.39	3.47	3.32	5.05	0.159078	0.456741
6.93	6.74	7	6.94	-0.16421	0.381777
0	0	0	0	NA	NA
104.57	142.02	134.37	129.76	0.268843	0.011354
13.83	16.23	15.21	15.02	0.118977	0.493018
1.84	0.39	0.55	0.2	-1.39003	0.004194
15.37	15.53	16.67	16.39	0.049958	0.787206
0.04	0.18	0	0.06	NA	NA
4.57	12.76	8.09	10.34	0.905887	9.00E-09
0.08	0	0.17	0.03	NA	NA
1.55	1.81	2.46	1.9	0.083616	0.80335
18.95	19.71	21.41	18.51	-0.11306	0.53739
12.74	13.11	13.76	15.74	0.387433	7.97E-05
11.94	41.93	21	30.57	1.430096	6.82E-19
37.42	19.59	23.98	23.67	-0.80705	7.25E-20
0.15	0.33	0.09	0.27	0.880329	0.17178
323.16	417.47	419.76	406.62	0.296777	5.91E-05
10.17	6.49	7.22	7.73	-0.14962	0.554281
9.27	5.84	7.89	5.94	-0.52966	6.71E-05
0.14	0.27	0.39	0.24	0.258201	0.737009
127.89	36.81	70.19	52.79	-1.2371	3.58E-06
11.52	8.3	10.72	8.52	-0.01675	0.919582
15.8	19.83	17.8	17.46	0.337302	0.019245
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15	21.41	19.41	18.23	0.134468	0.481547
26.63	56.49	40.85	50.04	0.833952	1.64E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
20.58	17.94	22.44	19.51	-0.0564	0.769286
0.01	0.04	0.01	0.02	NA	NA
2.24	2.32	1.47	2.24	-0.25081	0.499353
0.09	0.1	0.26	0.24	NA	NA
0	0	0	0	NA	NA
3.39	2.68	3.06	2.89	-0.19779	0.492779
40.21	39.55	40.34	39.86	0.094977	0.511575
16.77	19.78	16.14	18.68	0.054207	0.781422
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.69	12.51	9.68	12.58	0.094132	0.425463
45.59	49.69	49.83	51.17	-0.04658	0.735872

41.09	38.68	39.87	41.16	-0.08692	0.557574
29.27	26.1	26.28	27.47	-0.16368	0.122857
12.03	16.71	15.14	15.53	0.697478	1.31E-07
0	0	0	0	NA	NA
17.87	14.78	14.62	14.59	-0.32186	0.00026
0.02	0.04	0.15	0.13	0.946479	0.145311
16.46	11.67	15.72	15.58	-0.22814	NA
3.31	0.96	1.46	1.15	-1.43326	6.16E-19
5.72	4.29	5.88	4.63	-0.28743	0.0176
1.67	0.32	0.28	0.8	-1.33073	0.002849
9.51	9.52	7.11	10	-0.38689	0.038039
8.97	8.23	7.45	9.94	-0.05531	0.727865
15.5	7.96	9.32	9.63	-0.30027	0.030349
0	0.03	0.01	0.03	NA	NA
0.93	1.08	1.26	1.68	1.323304	0.020298
4.26	5.09	6.3	6.83	0.24791	0.047695
16.16	16.59	15.16	18.1	-0.15681	0.206631
3.77	5.6	5.52	6.06	0.511559	0.045809
43.59	45.37	50.53	46.38	0.124947	0.376899
11.57	8.6	9.91	8.73	-0.2771	0.129469
11.14	6.35	7.92	8.07	-0.53245	0.000355
24.23	27.69	22.74	26.34	0.305339	0.001791
12.65	10.16	10.51	11.44	-0.07281	0.512103
1.2	1.16	2.01	0.72	0.082975	0.918874
217.41	200.54	220.33	220.57	-0.10027	0.294358
0.89	2.19	1.37	0.86	0.151474	0.776968
106.22	71.39	82.9	79.56	-0.62324	5.35E-09
6.14	2.08	1.85	1.9	-1.57949	1.51E-12
36.47	33.05	32.68	31.98	-0.10346	0.447745
13.2	15.97	18.92	16.94	0.158882	0.251401
49.32	52.47	52.12	50.28	0.049483	0.660434
41.73	61.3	51.09	53.07	0.293288	0.009515
140.96	117.25	126.39	117.68	-0.26277	0.00158
26.63	14.95	16.64	18.41	-0.64952	1.14E-12
14.54	30.85	20.08	23.17	0.684434	1.82E-06
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
14.61	12.12	15.4	10.65	-0.31163	0.104915
0	0	0	0	NA	NA
0.09	0.02	0.04	0.12	NA	NA
0	0	0	0	NA	NA
0.22	0.1	0.14	0.05	-0.38716	0.616849
46.72	55.09	49.91	51.58	0.107799	0.339087
0.27	0.39	0.14	0.47	0.089226	0.92421
0.18	0.03	0.12	0	NA	NA

21.86	31.87	25.49	26.01	0.220992	0.090382
1	0.63	1.03	1.01	-0.21477	0.456828
0.86	0.91	0.67	1.15	-0.1682	0.807058
16.17	12.21	12.57	12.08	-0.34631	0.00191
0.07	0.03	0.13	0.02	-0.15897	0.853112
69.57	166.63	166.69	178.33	1.069424	1.59E-33
72.35	80.75	82.91	80.21	0.180109	0.197405
0.08	0.09	0.1	0.05	-0.17167	0.844865
16.21	30.79	22.75	27.21	0.728442	2.93E-09
67.59	59.27	59.93	61.19	-0.1939	0.012911
33.51	46.22	45.52	46.7	0.323997	0.003513
17.8	20.06	18.92	21.62	0.226003	0.030527
1.69	0.63	0.36	0.54	-0.42743	0.500663
5.47	8.03	6.59	7	0.393368	0.000719
3.79	1.74	2.12	2.49	-0.11318	0.585114
7.33	10.88	10.07	8.73	0.15766	0.352007
34.68	41.46	41.85	41.63	0.149728	0.094395
33.13	25.96	31.54	30.56	-0.30337	0.00083
1.03	0	0	0.26	NA	NA
4.86	11.27	9.97	10.67	0.977753	1.80E-07
0.97	0.43	0.86	0.35	-1.16631	0.001767
0	0	0	0.05	NA	NA
0.25	0.92	0.62	0.73	0.777631	0.139539
0.29	0.29	0.06	0.28	-0.0022	0.998123
0	0	0	0	NA	NA
14.03	16.99	16.25	16.42	0.249725	0.151958
0.19	0.38	0.21	0.31	0.04919	0.956178
2.05	4.15	2.75	4.85	1.166637	9.03E-08
7.25	9.88	9.66	12	0.347036	0.025945
19.83	25.5	23.09	24.56	0.342802	0.00047
16.17	5.14	7.6	6.8	-1.03597	3.31E-14
8.58	6.99	5.71	7.03	-0.18774	0.379982
8.1	7.8	9	7.74	-0.13218	0.535362
16.52	13.22	12.28	11.5	-0.45338	7.09E-07
0.11	0.13	0.06	0.25	0.459153	0.544229
44.13	39.23	45.73	42	-0.17529	0.128808
26.19	20.91	22.72	22.18	-0.24685	0.053493
0.16	0.57	0.93	1.37	0.85727	0.109659
3.45	3.89	3.91	4.92	0.316706	0.077352
0.44	0.71	0.46	1.01	0.613202	0.251829
1.11	0.09	0.25	0.66	-1.34733	0.014783
133.99	142.33	152.38	147.01	0.045934	0.733948
130.27	153.47	137.06	142.21	0.014335	0.929109
6.68	7.05	5.45	8.06	-0.27941	0.012313
0.29	0	0.03	0.18	-0.64125	0.365402

0.04	0.18	0.17	0.12	NA	NA
48.51	68.55	63.69	71.42	0.664644	4.28E-12
39.16	61.13	57.6	58.56	0.47598	3.22E-08
1.12	1	1.04	1.06	-0.32347	0.269833
0	0	0	0	NA	NA
16.99	16.31	15.58	17.84	-0.02489	0.860846
4.76	9.58	7	9.48	0.646473	0.00061
0.11	0.43	0.07	0.26	NA	NA
5.73	3.1	3.84	3.78	-0.6575	8.37E-07
5.87	6.26	5.56	5.34	-0.02791	0.909331
0.14	0.19	0.09	0.26	-0.0225	0.981181
13.45	11.48	11.86	12.31	-0.22148	0.083154
3.77	3.64	3.61	4.17	-0.05335	0.859315
0	0	0	0	NA	NA
0.21	0.24	0.19	0.3	0.099947	0.91001
22.16	5.64	6.72	4.37	-2.25943	5.85E-57
0.15	0.1	0.07	0.08	NA	NA
0	0	0	0	NA	NA
270.71	201.9	239.57	210.52	-0.31084	0.000763
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.13	0.07	0.07	NA	NA
9.36	12.77	11.13	11.29	0.313641	0.027566
26.28	31.84	28.32	33.51	0.306806	0.001677
5.06	7.09	5.81	5.77	0.164958	0.475614
14.2	18.14	15.26	20.35	0.037392	0.801901
1.14	0.58	1.32	1.17	0.023361	0.968592
0.39	0.07	0.09	0	-0.85283	0.197136
0	0	0	0	NA	NA
27.6	26.96	27.15	27.46	-0.1921	0.080471
0.1	0.05	0.09	0.05	NA	NA
0.37	0.48	0.33	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.76	17.41	18.72	16.15	-0.46176	0.002067
3.98	3.1	3.29	3.06	-0.33692	0.141323
9.2	7.66	10.25	9.54	-0.2176	0.264032
15.74	23.81	22.31	23.2	0.653528	4.60E-11
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.11	2.76	2.84	2.82	-0.26409	0.27335
0.29	0.1	0.07	0	NA	NA

1.74	3.14	2.7	2.98	0.789494	1.35E-05
0.02	0	0	0.01	NA	NA
0	0	0	0	NA	NA
252.53	454.41	350.89	394.71	0.595628	3.71E-09
4.35	4.01	3.91	3.57	-0.11117	0.665076
21.01	17.03	17	17.61	-0.2773	0.002659
8.9	7.26	7.21	8.52	-0.35332	0.005113
6.9	8.55	8.31	7.62	0.165886	0.220582
11.17	12.57	10.92	11.48	-0.25175	0.13157
66.3	104.3	97.21	113.76	0.786266	1.07E-20
30.81	42.18	38.52	40.98	0.246754	0.054997
0	0	0	0	NA	NA
0	0.13	0.15	0.04	NA	NA
197.66	197.78	211.01	210.76	-0.11218	0.210182
7.76	0.7	1.15	0.51	-3.33624	1.01E-36
34.77	29.51	34.62	30.94	-0.13863	0.250235
0	0	0	0	NA	NA
3.81	3.39	4.08	4.09	-0.359	0.096985
39.94	55.21	50.64	55.68	0.31531	0.000636
46.61	62.08	100.19	85.91	0.544675	0.05661
13.17	20.72	16.61	18.24	0.479207	0.000302
4.93	2.17	8.47	4.52	0.891798	0.065686
0.67	0.48	0.72	0.51	-0.11591	0.883618
0.47	0.26	0.29	0.36	-0.58668	0.133126
0.01	0	0.02	0	NA	NA
16.88	19.75	16.76	22.82	0.116784	0.292478
0.02	0.15	0.13	0.11	0.974453	0.131851
10.08	6.09	8	5.74	-0.52966	0.009718
16.62	18.83	18.44	18.26	0.074142	0.604446
350.5	317.73	376.87	315.44	-0.24874	0.013184
1.41	1.54	1.83	1.92	-0.213	0.585659
0.38	0.24	0.48	0.3	-0.13118	0.853122
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
5.48	5.4	5.53	7.06	-0.05641	0.843711
0.39	0.09	0.06	0.37	-0.66066	0.345805
11.28	8.57	8.41	16.34	0.08116	0.840815
18.21	11.49	11.88	13.48	-0.69965	1.14E-12
6.44	9.18	7.84	7.06	0.099864	0.694326
0.02	0.04	0.06	0.03	NA	NA
27.29	35.59	33.02	34.61	0.157502	0.103418
20.65	40.91	28.05	35.43	0.632474	1.27E-05
34.53	35.07	37.4	32.02	0.100192	0.639146
58.83	56.97	58.47	58.27	-0.01242	0.940418
42.12	41.76	44.36	37.64	-0.07778	0.714536

8.61	7.53	8.29	9	0.162937	0.193042
57.76	74.7	61.83	65.75	0.180934	0.080941
1.86	1.17	1.27	1.89	-0.27606	0.53628
3.86	3.15	3.13	4.76	-0.14235	0.488324
9.13	8.39	5.88	8.8	-0.06185	0.862624
5.16	7.86	6.63	7.19	0.454979	0.000576
0.06	0.07	0.1	0.07	0.259026	0.701731
0	0	0	0	NA	NA
21.37	34.25	28.24	33.52	0.449816	1.17E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.8	22.31	16.99	21.96	0.914808	3.31E-15
221.14	149.25	171.73	170.47	-0.53426	9.57E-14
0.43	0.25	0.26	0.47	-0.26974	0.608807
60.17	44.58	48.31	45.24	-0.2716	0.006624
0	0	0	0	NA	NA
140	235.73	213.31	226.81	0.508944	1.66E-10
0.37	2.33	1.47	2.77	1.950752	1.25E-07
4.34	5.23	4.51	5.52	0.225682	0.128454
0.32	0.36	0.61	0.49	0.435796	0.468863
0.25	1.5	0.65	1.14	1.738683	2.58E-08
10.49	17.46	13.63	15.93	0.45598	0.000131
0.08	0.28	0.28	0.23	-0.22782	0.747737
12.1	15.01	15.4	15.44	0.252017	0.174142
161.11	143.04	144.2	147.07	-0.17999	0.013422
45.53	31.04	33	32.06	-0.61453	1.93E-08
90.15	130.62	105.49	122.17	0.390939	0.000116
16.16	13.16	14.3	14.37	0.027575	0.853146
1.23	0.97	1.25	1.2	-0.14462	0.737009
36.7	36.21	36.29	32.83	-0.00291	0.990286
44.24	61.45	57.36	57.54	0.380976	0.0002
0	0	0	0	NA	NA
10.78	11.51	10.55	10.28	-0.37616	0.001901
0	0	0	0	NA	NA
0.03	0.04	0.1	0.09	-0.51866	0.482969
1.42	1.8	1.51	1.85	0.299817	0.206326
0	0.05	0	0	NA	NA
3.73	5.54	4.94	4.85	0.662314	0.00101
7.63	9.42	7.57	8.83	0.308282	0.011945
12.58	15.38	15.12	15.1	0.077124	0.675139
0.06	0.2	0.12	0.14	0.247953	0.741372
1.63	1.44	1.54	1.52	0.05729	0.855686
8.41	8.85	7.64	10.42	0.270307	0.072169
1.61	1.56	1.97	1.12	-0.05672	0.909197
4.13	0	1.15	2.71	-1.27115	0.029263

0.78	0	0.08	0	-2.38566	1.72E-05
0	0	0	0	NA	NA
22.07	0.27	1.96	1.24	-2.87081	NA
0	0.04	0	0.08	NA	NA
164.19	92.7	130.85	117.32	-0.7132	2.01E-09
68.39	60.58	62.14	67.74	-0.14033	0.163516
15.22	18.26	18.33	16.94	0.156429	0.222783
0	0	0	0	NA	NA
0.49	0.83	0.52	0.21	-0.61532	0.289434
2.11	0.9	0.98	1.25	-0.84211	4.45E-05
0	0	0	0	NA	NA
8.94	9.56	8.83	9.63	-0.09239	0.583329
0	0	0	0	NA	NA
7.83	5.15	7.19	6.85	-0.33058	0.034275
3.15	1.8	2.32	2.18	-0.66626	0.001319
4.21	3.6	4.55	4.25	0.135447	0.581631
0	0	0	0	NA	NA
0	0	0	0	NA	NA
26.53	69.43	44.29	54.88	0.986763	3.83E-17
13.35	11.2	10.01	8.85	-0.07012	0.643327
40.74	71.96	54.22	60.23	0.499301	3.48E-05
73.08	56.75	57.37	58.49	-0.38407	3.15E-06
0	0	0.05	0.06	NA	NA
6.71	6.4	8.91	8.37	-0.145	0.479036
14.33	13.47	10.71	13.1	-0.19239	0.148697
15.85	15.48	14.82	15.72	-0.14402	0.317098
0.35	0.75	0.71	0.93	-0.14495	0.841691
49.08	41.11	33.38	37.68	-0.21715	0.006796
74.01	80.78	85.54	76.11	0.07623	0.578941
29.47	44.22	40.27	41.47	0.33718	0.004513
78.94	98.75	96.1	108.46	-0.0273	0.817702
64.24	52.43	67.12	60.06	-0.11495	0.475165
23.9	32.2	25.66	28.36	0.204159	0.117002
9.21	12.55	9.96	13.13	0.362659	0.050425
48.32	44.26	51.97	45.16	-0.14898	0.117344
10.4	7.13	8.21	6.88	-0.50714	0.075528
6	6.49	5.92	7.63	0.021574	0.913537
1.03	0.91	0.51	0.49	-0.57785	0.274883
0	0.53	0.16	0.14	NA	NA
5.02	7.04	5.8	7.49	0.506593	0.001166
0.03	0.17	0.1	0.11	0.823996	0.209246
12.1	14.25	15.04	14.3	0.084817	0.547698
18.25	15.17	14.63	14.88	-0.31853	0.000925
0.08	0.03	0.05	0	NA	NA
111.42	95.49	97.38	90.79	-0.19663	0.089571

6.13	9.31	7.41	7.55	0.360068	0.062212
2.36	3.81	2.79	3.77	0.670696	0.006868
33.93	34.97	32.3	33.9	0.000462	0.997475
0.42	0.11	0.04	0.06	-0.39568	0.609859
8.07	7.32	8.07	7.28	-0.17948	0.239744
7.97	6.8	6.71	7.05	0.059617	0.737889
14.5	13.77	16.95	16.86	0.010798	0.965737
82.76	97.41	88.91	92.71	0.076901	0.516802
0.37	0.06	0.03	0.12	-1.36147	0.021939
16.75	15.78	17.19	19.11	-0.1824	0.196631
8.22	11.48	8.51	10.19	0.068821	0.677155
5.77	3.54	4.12	3.64	-0.35225	0.010212
43.01	35.92	50.28	46.32	0.003935	0.986217
0.41	0.43	0.61	0.98	-0.14053	0.855772
10.41	13.47	14.73	14.58	0.249022	0.052253
29.61	28.03	41.05	35.98	0.025151	0.865089
0	0	0.02	0 NA	NA	
15.73	8.37	9.37	11.02	-0.81756	1.13E-10
4.62	4.06	4.9	5.98	0.079501	0.734646
2.66	2.33	2.39	2.89	-0.15638	0.417972
0.05	0	0	0 NA	NA	
14.79	12.69	12.36	11.84	-0.05153	0.741906
6.65	6.27	7.26	6.02	-0.47966	0.00637
8.13	10.15	11.49	11.69	0.182011	0.271742
21.35	14.95	17.21	15.62	-0.47661	1.94E-08
0.12	0	0.01	0.04	-1.13118	0.071031
0	0	0	0 NA	NA	
0	0	0	0.06 NA	NA	
0	0	0	0 NA	NA	
7.74	5.48	6.52	5.11	-0.50716	0.000708
0	0	0	0 NA	NA	
12.56	9.2	9.55	10.04	-0.44128	0.003591
11.31	6.68	6.77	5.86	-0.95046	8.35E-16
80.15	90.24	84.27	83.87	0.061338	0.551312
0	0.19	0.07	0.06 NA	NA	
0.95	0.79	0.67	1.27	-0.58028	0.164486
12.08	12.22	11.31	15.47	-0.01016	0.962062
0	0	0	0 NA	NA	
10.59	11.09	10.94	10.98	0.006267	0.976529
4.16	9.25	6.1	6.45	0.782733	0.000737
20.4	11	12.29	11.2	-0.79883	1.34E-20
27.82	18.69	19.79	20.65	-0.67252	4.56E-15
0.74	2.1	0.64	2.07	0.948444	0.080717
4.55	5.56	5.54	6.82	0.322182	0.015701
1.22	1.92	2.13	2.15	0.411969	0.400779

0	0	0	0	NA	NA
13.96	14.48	13.85	13.88	-0.062	0.693269
0.11	0.02	0.07	0.08	NA	NA
0	0	0	0	NA	NA
108.52	116.63	117.67	124.21	0.085609	0.36391
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.49	1.26	1.32	1.23	-0.25568	0.375599
15.99	9.63	12.22	11.5	-0.79338	3.24E-11
0	0	0	0	NA	NA
15.94	17.44	13.26	14.61	-0.20443	0.105163
14.69	8.6	11.97	11.99	-0.53125	8.85E-05
5.43	4.19	2.91	3.8	-0.68742	3.53E-06
0.05	0.11	0	0.12	NA	NA
0.16	0.1	0.05	0.02	-0.08954	0.92335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
96.35	113.27	104.2	104.7	0.155106	0.100007
6.75	6.07	5.08	4.91	-0.17899	0.345712
25.92	21.63	20.63	22.2	-0.19055	0.169106
0	0	0	0	NA	NA
3.49	2.05	2.48	2.41	-0.30439	0.33127
0	0	0	0	NA	NA
306.52	320.7	303.81	293.1	-0.02049	0.871419
10.8	15.31	11.03	12.56	0.173951	0.378453
13.01	11.29	13.29	13.1	0.068654	0.605614
0	0.21	0.69	0.79	1.672095	0.003779
0.57	0.77	0.69	0.24	-0.22756	0.740036
35.5	34.94	37.5	36.25	-0.07661	0.511644
54.71	37.9	44.55	36.35	-0.47372	1.75E-05
63.53	57.68	67.98	59.72	0.021505	0.899594
0	0	0	0	NA	NA
0.62	0.03	0.59	0.4	-0.49599	0.476938
3.31	2.82	3.28	3.2	-0.481	0.085592
6.11	8.28	8.26	8.28	0.062922	0.74384
0.31	0.24	0.2	0	NA	NA
0	0	0	0	NA	NA
143.98	142.86	155.59	142.3	-0.07824	0.432174
45.2	25.77	31.89	29.63	-0.76239	5.72E-14
0.49	0.2	0.25	0.27	-0.78049	0.053526
6.78	8.37	8.87	8.71	0.36755	0.000162
0	0	0	0	NA	NA
9.11	5.88	6.84	5.82	-0.49825	0.000741
8.84	16.59	14.13	15.28	0.627237	6.42E-12
1.18	2.29	1.82	2.29	-0.00433	0.994947

0	0	0	0	NA	NA
13.57	15.97	17.15	12.88	-0.14173	0.374842
48.57	25.53	32.13	31.48	-0.66703	3.70E-11
5.16	5.76	5.62	6.09	0.049673	0.854111
21.91	14.88	16.02	14.38	-0.3642	5.32E-05
9.82	12.63	10.57	13.4	0.212114	0.085106
31.34	31.36	32.38	33.04	0.033119	0.802066
0.08	0	0.04	0.01	NA	NA
6.68	5.42	6.12	6.28	-0.19943	0.113823
2.19	6.72	3.53	6.56	1.931647	6.43E-23
15.92	23.11	21.73	22.49	0.522089	1.10E-10
0.06	0.49	0.59	0.58	1.485551	0.001194
0.51	0.42	0.32	0.42	-0.36291	0.617258
0	0	0	0	NA	NA
38.86	50.4	43.12	45.47	0.211139	0.040028
1.05	1.33	1.25	1.49	0.311622	0.363059
38.44	135.01	92.44	116.64	1.315015	1.89E-24
4.72	3.61	3.53	3.51	-0.13435	0.52485
66.29	80.48	76.78	78.08	0.223028	0.007582
50.36	246.41	184.45	212.26	1.99948	9.26E-83
17.19	28.68	21.6	26.09	0.614665	2.45E-06
39.24	42.29	42.29	41.5	0.093725	0.424234
864.7	751.53	804.8	708.78	-0.23945	0.008113
1.45	1.28	1.99	1.55	-0.19853	0.683713
1.72	0.27	0.33	0.31	-2.34596	2.10E-18
45.38	82.66	75.91	82.57	0.793549	1.59E-26
36.8	41.45	41.92	41.02	0.114349	0.38678
5.36	5	4.72	5.41	0.124092	0.766388
0.15	0.45	0.24	0.25	0.610629	0.324139
0	0	0	0	NA	NA
0.24	0.28	1.12	0.12	-0.01855	0.985711
35.46	37.56	33.21	33.02	-0.14226	0.388492
18.67	18.98	20.92	22.16	0.105974	0.411807
10.55	11.67	12.2	11.43	0.222952	0.031257
27.42	30.46	29.65	28.07	0.095955	0.382223
52.23	61.25	54.6	55.91	0.093517	0.468535
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.87	16.86	18.43	16.66	-0.53969	4.77E-09
25.88	18.74	24.34	24.28	-0.30991	0.005189
4.56	5.86	5.14	4.92	0.319631	0.125706
0	0	0	0	NA	NA
26.74	31.9	29.17	34.18	0.256363	0.005141
6.6	6.03	6.44	5.63	-0.15734	0.458912
0	0	0	0	NA	NA

13.81	12.91	13.64	13.39	-0.12008	0.522092
41.32	38.47	34.84	41.37	-0.12291	0.287335
0.16	0.04	0.14	0.04	NA	NA
34.73	74.66	49.42	64.04	0.806171	3.39E-09
0	0.07	0.05	0	NA	NA
4.37	3.92	4.23	4.23	0.092279	0.635168
22.77	41.67	40.11	41.1	0.794559	2.09E-30
0	0	0	0	NA	NA
29.04	34.43	37.52	34.86	0.246024	0.003416
7.76	8.26	7.77	7.88	0.371182	0.006427
0.23	1.63	1.81	0.95	1.623515	0.0008
7.56	8.24	8.92	6.88	-0.01965	0.945923
0.08	0.03	0	0.09	NA	NA
0.04	0	0.03	0	NA	NA
0	0.28	0.06	0.07	1.486112	0.011991
0.65	0.72	1.05	0.84	-0.04562	0.92335
26.42	27.04	25.92	25.47	0.101584	0.483782
15.05	13.03	14.24	11.87	-0.32813	0.011204
1.05	0.1	0.19	0	-3.54918	1.51E-14
9.53	6.92	4.83	8.08	-0.85119	8.60E-05
12.24	10.98	9.06	10.24	-0.22252	0.24794
13.15	13.08	14.17	12.13	-0.01297	0.954374
0.8	0.51	0.83	0.8	-0.73634	0.135374
19.07	18.13	17.75	17.44	-0.16056	0.182793
10.34	6.62	7.93	7.59	-0.49698	3.55E-05
3.38	3.72	3.42	4.36	-0.02022	0.946492
0	0	0	0	NA	NA
51.46	37.54	38.91	44.02	-0.34134	0.008396
0	0.63	0.12	0.42	2.142471	0.000148
13.06	10.44	9.83	11.27	-0.15478	0.250727
3.08	4.1	3.43	3.96	0.122766	0.593653
3.33	4.77	2.1	3.03	0.419988	0.315677
1.92	1.59	1.8	2.03	-0.04971	0.896404
0	0	0	0	NA	NA
39.48	91.84	69.56	72.49	0.948058	3.70E-16
13.09	25.94	25.42	27.69	0.889847	4.19E-23
14.37	20.15	18.01	20.89	0.437195	0.003797
0	0	0.07	0	NA	NA
17.41	18.51	19.26	19.82	0.002126	0.990217
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
3.13	5.64	3.58	2.73	0.092413	0.787231
2.55	3.3	3.59	3.67	0.090722	0.722532
12.52	13.33	12.45	12.2	-0.03126	0.862624
3.12	0.94	1.37	1.02	-0.61681	0.091974

0	0	0	0	NA	NA
45.32	33.54	40.73	37.46	-0.23835	0.027098
0.27	0	0	0.08	NA	NA
1.67	9.45	4.32	6.31	1.933461	9.51E-17
405.5	239.07	286.16	258.35	-0.63881	6.93E-15
0	0	0	0	NA	NA
8.88	2.65	5.88	3.91	-1.3078	2.14E-09
43.33	44.7	45.04	45.15	0.010111	0.94485
4.01	12.06	8.38	10.49	1.35559	1.07E-20
5.71	4.18	5.19	4.6	-0.15059	0.574924
2.94	4.26	4.14	4.49	0.377683	0.016797
0.24	1.53	0.64	0.77	-0.13535	0.862949
0.78	0.1	1.91	0.12	-0.80662	0.176669
8.73	7.31	7.55	10.26	-0.16311	0.407699
12	10.13	10.51	11.21	-0.28257	0.01512
0	0	0	0	NA	NA
1.16	0.2	0.45	0.43	-1.26881	0.002276
9.05	9.45	9.05	10.06	0.115793	0.546854
3.93	2.37	4.08	3.98	-0.15638	0.563208
33.01	33.15	33.36	32.38	-0.10066	0.340917
0.55	1.12	1.25	0.88	0.168291	0.774194
15.89	21.14	18.49	20.38	0.334552	0.001
31.36	24.73	28.85	25.48	-0.23665	0.026334
0.01	0.02	0.02	0.06	NA	NA
0.42	0.71	0.5	0.57	-0.1009	0.885986
0.05	0	0	0	NA	NA
0.9	2.03	1.53	3.31	0.94178	0.003113
7.47	3.78	3.01	3.82	-0.54738	0.027721
14.17	20.53	16.96	23.12	0.047249	0.799254
0	0.04	0	0.16	NA	NA
8.23	15.08	10.66	11.87	0.704585	3.05E-07
4.98	9.76	14.76	6.82	-0.00406	0.996111
26.63	36.22	36.62	33.98	0.362184	0.000466
10.56	10.78	9.36	11.15	0.024734	0.898972
0.08	0.28	0.02	0.08	NA	NA
86.24	60.18	69.51	71.02	-0.40908	5.68E-05
7.9	7.91	5.84	5.61	-0.0413	0.868928
11.57	14.84	12.56	14.28	0.112722	0.485787
19.5	17.18	15.85	18.67	-0.14172	0.280857
0.12	0.25	0.15	0.08	0.488061	0.513527
28.39	24.06	28.35	22.86	-0.12431	0.369702
20.24	21.11	21.33	20.87	0.016278	0.918874
11.75	14.03	12.3	12.22	0.033643	0.884853
0.02	0	0.03	0	NA	NA
10.24	15.53	13.02	17.12	0.359004	0.034175

2.59	2.7	2.46	2.6	-0.1313	0.528355
11.7	12.5	10.27	11.65	-0.15163	0.524881
4.08	4.63	3.82	5.26	-0.01538	0.964409
0.06	0.6	0.15	1.15	1.525336	0.001836
214.42	196.38	246.11	204.31	0.00545	0.975069
31.54	34.27	32.09	29.99	0.053508	0.732879
8.65	14.14	10.9	12.36	0.558242	5.46E-06
0.04	0.17	0.21	0.44	1.020965	0.096098
11.77	9.99	9.65	9.41	-0.014	0.936914
12.72	15.86	12.74	14.39	-0.01647	0.937483
10.74	16.13	14.78	16.1	0.544586	4.24E-07
27.86	20.31	24.14	21.39	-0.39291	8.06E-05
309.93	273.5	286.31	259.77	-0.22989	0.003207
22.27	20.98	20.63	18.02	0.015407	0.933107
5.7	7.08	6.84	6.92	0.303009	0.073671
13.22	15.79	14.04	16.42	0.285225	0.010058
10.95	8.85	7.89	7.44	-0.24759	0.270119
1.64	2.16	1.51	1.1	-0.18364	0.72393
44.52	36.48	40.44	40.55	-0.14931	0.147258
10.87	12.72	12.52	11.01	0.288422	0.164266
124.34	196.71	188.8	188.24	0.590822	5.02E-08
6.61	6.15	6.85	6.47	-0.24624	0.112008
3.96	3.24	2.57	3.02	0.092018	0.762312
0	0	0	0	NA	NA
0	0	0	0	NA	NA
36.36	33.27	36.87	39.28	0.126501	0.29684
0	0	0	0	NA	NA
2.48	0.03	0.03	0.04	-3.34816	7.58E-12
15.97	17.03	16.93	17.24	0.097801	0.327004
11.98	16.77	17.04	15.77	0.356677	0.00332
0.62	0.61	0.8	0.59	-0.85097	0.074133
65.06	94.96	74.96	86.89	0.386757	0.000108
259.7	384.67	346.38	346.52	0.504685	2.50E-11
9.48	10.83	9.87	11.26	0.154842	0.310843
9.44	28.15	22.27	24.16	1.300254	1.47E-28
29.48	26.57	30.75	26.8	0.00081	0.996497
202.73	207.84	203.63	202.94	-0.03986	0.711312
13.13	13.82	11.15	14.47	-0.17572	0.152534
0.14	0	0	0	NA	NA
0.09	0.15	0.1	0.15	0.446344	0.550944
0.16	0.01	0.11	0	NA	NA
27.01	31.5	30.12	31.65	0.046589	0.778434
15.22	12.9	14.75	20.54	-0.08266	0.723794
15.4	17.62	15.27	19.25	0.144771	0.368657
8.77	5.26	4.98	4.25	-0.59665	0.010618

7.19	5.92	6.94	5.97	-0.28031	0.001657
0	0	0.11	0	NA	NA
25.75	2.34	4.24	4.07	-2.78494	1.17E-63
5.08	3.11	2.62	2.63	-0.75814	0.000297
2.33	2.16	2.41	1.78	0.093826	0.822406
37.2	43.1	46.03	46.59	0.296096	0.008998
46.16	36.77	42.08	38.7	-0.3366	0.000246
14.17	16.23	16.15	16.66	-0.00209	0.993116
20.37	15.3	17.38	15.85	-0.28713	0.043059
6.63	8.31	6.51	6.79	0.100571	0.645015
8.21	11.44	10.35	12.32	0.163969	0.321306
14.4	12.95	13.18	14.59	-0.02577	0.875852
13.86	11.48	13.29	11	-0.23253	0.090022
0.1	0.11	0.1	0.1	-0.79346	0.199269
0.02	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
16.52	15.75	18.7	16.06	-0.01817	0.930417
0	0	0	0	NA	NA
5	5.45	5.69	4.16	-0.03967	0.877298
46.96	27.67	34.1	31.32	-0.5066	1.60E-05
5.46	9.81	7.47	7.83	0.556207	0.01197
4.14	3.89	4.92	3.47	0.324989	0.142149
7.14	11.07	8.09	9.9	0.334104	0.028034
29.73	36.29	35.07	36.43	0.146378	0.128305
0	0	0	0	NA	NA
38.91	41.47	40.48	42.84	0.058918	0.701448
0.08	0	0.07	0.05	NA	NA
14.43	17.23	14.41	15.35	0.192895	0.185179
0	0.01	0.01	0	NA	NA
5.86	9.23	9.24	8.91	0.44397	7.84E-05
0	0.1	0.01	0	NA	NA
0	0	0	0	NA	NA
10.46	12.62	10.84	11.43	0.097513	0.482319
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
64.39	59.13	65.93	70.16	0.083923	0.458767
9.39	25.8	17.42	22.1	1.099285	5.28E-18
3.79	4.47	4.03	5.11	0.285263	0.172931
0	0	0	0	NA	NA
0.05	0	0.04	0	NA	NA
0.13	0	0	0	NA	NA
1.65	1.81	1.52	1.9	-0.13948	0.647746
6.98	9.75	8.7	7.67	0.316083	0.100755

3.87	4.28	3.43	3.95	0.571278	0.007718
30.53	31.35	27.92	30.64	-0.06712	0.62576
5.38	6.1	5.53	6.2	0.173407	0.510916
14.09	11.61	11.02	11.37	0.045254	0.823075
10.3	6.07	8.09	8.39	-0.54156	1.98E-05
1.86	1.53	1.59	1.01	-0.56096	0.041417
4.09	3.73	4.01	4.51	-0.15394	0.521446
0.43	0.29	0.59	0.21	-0.20064	0.787143
20.52	22.25	23.98	22.76	0.125933	0.377348
73.95	89.9	82	89.17	0.321947	0.000215
1.99	2.15	2.44	2.34	0.063816	0.825166
0.31	0	0.14	0.11	-1.24077	0.042498
1.02	0.67	0.47	1.11	-0.47531	0.416162
0.31	0.25	0.43	0.48	-0.03559	0.966586
15.47	17.33	16.74	15.51	0.029145	0.846993
4.75	1.55	2.87	2.37	-1.12186	3.27E-11
2.94	2.67	2.77	2.55	-0.41442	0.009808
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0.08	0.09	0.07	0.05	-0.56197	0.410023
11.88	4.83	7.21	6.6	-0.83118	5.99E-07
4.18	3.08	2.49	2.56	-0.63901	0.033147
4.92	6.31	5.38	6.21	0.265372	0.183328
0	0	0	0	NA	NA
16.96	22.22	22.74	22.78	0.262488	0.004501
0.58	0.48	0.66	0.53	0.001857	0.997047
0.01	0	0.01	0.03	NA	NA
0.19	0.01	0.14	0.15	-1.79482	0.000413
5.07	5.23	4.5	4.36	-0.0817	0.729595
4.75	5.14	4.1	4.91	0.132216	0.529303
2.97	2.61	2.62	3.32	-0.03326	0.861604
0.06	0	0	0	NA	NA
40.93	52.44	46.68	42.78	0.251428	0.047104
5.23	5.46	6.38	6.39	0.213873	0.257584
1.55	0.82	1.7	0.5	-0.44999	0.449245
1.59	0.67	0.74	2.05	0.222477	0.779498
8.16	8.11	7.97	7.88	0.178708	0.157913
0.72	0.39	0.47	0.52	-0.6411	0.077738
0	0	0	0	NA	NA
0.01	0.01	0	0.01	NA	NA
0	0	0	0	NA	NA
41.74	11.1	17.7	14.26	-1.60503	4.45E-42
12.46	12.83	13.53	12.93	0.080823	0.740944
9.59	12.75	8.97	10.72	0.116627	0.471764

42.59	48.57	49.77	45.96	0.140492	0.116002
268.77	101.81	109.84	110.3	-1.3465	4.28E-82
0.22	0	0.03	0	NA	NA
2.2	1.05	1.84	1.43	-0.795	9.59E-05
7.34	5.89	6.51	6.53	-0.23569	0.025992
0.34	0.2	0.68	1.02	0.300555	0.702808
12.08	14.31	13.99	13.99	0.029687	0.83934
0.21	0	0.04	0.02	NA	NA
1.38	1.57	1.38	1.72	0.077478	0.840248
0.37	0.14	0.2	0.24	-0.58029	0.286737
4.56	4.21	4.13	3.94	-0.17162	0.503331
8.23	12.26	23.8	9.65	0.199737	0.131035
60.25	39.94	48.68	45.43	-0.49636	1.95E-08
0	0	0	0	NA	NA
4.16	1.4	1.8	1.94	-1.54941	5.36E-12
0.02	0	0.02	0.02	NA	NA
66.83	5.58	16.6	10.18	-2.21846	1.29E-08
1.93	1.09	1.26	1.45	-0.25848	0.509848
2659.46	3764.1	3822.18	3437.3	0.418828	NA
8.36	7.02	7.37	6.67	-0.12381	0.521167
0	0	0	0	NA	NA
0.06	0.1	0.16	0.17	1.115849	0.067405
1.78	1.25	1.48	1.28	-0.12468	0.777137
3.4	4.66	3.3	4.34	0.38131	0.03398
0	0.01	0.01	0.06	NA	NA
14.54	14.8	14.81	16.26	-0.01398	0.936613
0	2.05	0.83	1.79	1.702209	0.001531
0.18	0.72	0.29	0.58	1.399205	0.005795
0	0	0	0	NA	NA
7.98	7.07	7.76	7.99	-0.05179	0.755184
71.56	48.32	54.96	47.23	-0.48385	1.08E-06
2.84	1.18	0.98	1.77	-0.79111	0.076472
13.6	15.68	12.47	13.41	-0.05786	0.727418
9.06	8.21	7.41	6.11	-0.25166	0.177539
3.65	7.67	6.1	8.41	0.770955	1.72E-07
24.67	23.78	24.51	23.27	-0.03589	0.801929
39.44	32.76	35.09	34.9	-0.3392	0.000195
0.02	0	0	0	NA	NA
5.18	5.27	4.53	5.9	0.100827	0.715097
7.17	10.35	8.49	9.59	-0.03933	0.907131
0.66	0.11	0.19	0.24	NA	NA
14.8	18.22	17.61	17.62	0.190516	0.232956
30.49	33.56	27.68	30.92	0.119929	0.357334
0.64	0.47	0.69	0.89	-0.13311	0.760569
25.14	35.62	33	36.13	0.381948	0.000334

6.29	6.41	5.57	5.71	-0.60036	0.010971
14.36	17.84	19.93	17.82	0.314494	0.034396
0.05	0	0	0	NA	NA
95.58	57.14	66.93	60.67	-0.63383	5.11E-14
15.05	4.42	5.03	6.08	-1.44987	3.04E-11
0	0	0	0	NA	NA
0.03	0.01	0.02	0.06	-0.43254	0.56904
14.38	15.22	13.09	14.48	0.282912	0.06755
22.29	22.78	23.61	21.68	0.031454	0.87997
0.24	0.53	1.06	0.48	1.912513	7.21E-08
10.27	11.48	11.83	12.74	0.124644	0.346495
4.29	5.54	4.84	5.56	0.319232	0.039347
3.44	2.32	2.47	1.57	-0.55398	0.139525
0	0	0	0	NA	NA
7.52	4.73	3.53	3.55	-0.73679	6.73E-05
18.57	5.51	9.58	6.76	-1.25267	1.18E-17
0	0	0	0	NA	NA
0	0.02	0.01	0.01	NA	NA
0.1	0.09	0.09	0.08	-0.02843	0.976529
0	0.02	0.16	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.15	4.4	4.45	3.78	-0.50451	0.004611
41.95	37.6	48.25	39.47	-0.05207	0.675925
26.03	35.52	32.73	33.19	0.320081	0.000639
4.72	3.84	5.27	4.05	-0.23443	0.226001
6.93	5.08	6.83	5.28	-0.32814	0.062903
4.37	2.11	2.73	2.91	-0.44454	0.112461
0	0	0.04	0	NA	NA
24.79	52.43	37.15	54.36	0.690838	1.45E-10
0.31	0.04	0.14	0.08	-0.40214	0.588601
8.41	11.76	8.03	8.42	0.122345	0.643899
340.71	479.79	457.6	485.72	0.57888	7.22E-14
0.12	0.04	0	0	NA	NA
0	0	0	0.03	NA	NA
10.45	8.6	9.4	8.7	-0.32834	0.03976
9.52	18.28	16.72	18.74	0.933753	1.47E-21
2.91	5.14	3.95	4.59	0.429656	0.002342
12.44	15.09	15.06	14.57	0.08944	0.474047
35.33	28.85	32.92	29.95	-0.06187	0.607209
0	0	0	0	NA	NA
11.45	11.35	11.31	12.38	0.297436	0.113727
1.16	0.84	1.06	1.08	-0.19815	0.590209
2.15	1.91	1.78	1.79	-0.30381	0.371809
0	0	0	0	NA	NA

14.18	20.12	17.07	13.99	0.265221	0.220331
21.42	20.51	21.21	20.94	-0.09474	0.423425
2.16	4.3	3.06	4.45	0.205797	0.471654
0	0	0	0	NA	NA
3.38	20.36	10.93	17.14	2.07998	7.23E-32
0.17	0.23	0.63	0.14	0.688984	0.298406
14.74	14.2	12.17	16.11	-0.34375	0.000149
26.3	18.52	27.67	23.04	-0.17414	0.240462
40.31	20.09	27.27	22.2	-0.83001	6.65E-13
71.12	67.89	51.04	44.88	-0.26992	0.007654
16.9	14.28	16.33	17.13	-0.16116	0.113465
0	0	0	0	NA	NA
116.78	195.38	162.96	165.9	0.536197	1.46E-09
6.2	6.13	7.71	7.6	0.013522	0.96286
0.11	0	0.03	0	NA	NA
25.92	26.51	26.79	30.06	0.03364	0.823562
13.49	15.36	15.29	14.91	0.024155	0.894704
13.9	5.23	6.37	5.38	-1.21847	8.54E-22
0	0.08	0.07	0.08	NA	NA
23.26	20.24	23.08	22.33	-0.20677	0.078314
0.06	0.05	0.04	0.03	-0.08579	0.925277
40.98	77.67	55.23	70.53	0.742295	3.95E-12
0	0.04	0.14	0	NA	NA
0	0	0	0	NA	NA
15.62	18.55	18.12	15.43	0.076962	0.70138
0.07	0.08	0.07	0.06	-0.01212	0.990357
10	9.05	10.64	12.24	-0.01854	0.945888
34.01	46.52	36.82	40.25	0.384739	0.000691
0	0.03	0.02	0.04	NA	NA
253.26	233.18	279.82	272.17	-0.10203	0.3978
11.32	10.13	11.52	9.54	0.003635	0.987233
0.44	0.29	0.12	0.34	NA	NA
0	0	0.02	0	NA	NA
34.99	13.09	17.61	15.33	-1.2667	9.49E-37
0.21	0.25	0.09	0.13	-1.01185	0.063624
58.76	46.08	63.83	53.32	-0.11496	0.310228
7.57	14.74	12.09	13.89	0.630135	2.74E-06
16.25	23.4	14.84	18.86	0.166227	0.483822
2.93	2.44	2.35	4.74	-0.1283	0.756358
23.26	21	21.97	19.84	0.201372	0.218325
0.29	0.47	0.39	0.46	0.324433	0.446731
2.67	24.83	12.94	20.11	2.742006	3.82E-22
11.83	8.82	9.31	8.94	-0.41791	0.010771
17.52	23.75	17.05	20.4	0.135663	0.374469
12.6	15.22	14.63	16.37	0.259349	0.035833

28.31	84.29	74.96	84.2	1.391448	1.88E-58
49.57	54.37	46.63	47.57	0.214027	0.032753
16.88	32.16	26.82	28.55	0.705007	2.32E-16
0	0	0	0	NA	NA
0	0.02	0.01	0.12	NA	NA
23.62	24.48	21.57	24.33	-0.0236	0.907131
6.92	5.51	5.85	7.27	0.032169	0.935474
13.23	9.96	12.52	12.53	-0.23385	0.230142
60.8	84.9	82.33	84.93	0.51984	9.00E-09
0.02	0.01	0	0	NA	NA
0.19	0.07	0	0	NA	NA
33.81	21.07	23.07	20.64	-0.66595	1.79E-08
16.92	17.42	15.88	16.28	0.07153	0.652617
0	0	0	0	NA	NA
0	0.01	0.16	0.03	NA	NA
0	0	0	0	NA	NA
2.28	0.44	0.74	0.65	-1.14934	0.003767
37.86	25.9	32.52	26.04	-0.36129	0.01284
0	0	0	0	NA	NA
0	0.02	0.04	0.01	NA	NA
0	0	0	0	NA	NA
2.18	1.7	1.63	2.1	-0.1618	0.711605
0	0	0	0	NA	NA
1.33	6.4	2.06	3.84	1.979764	9.90E-10
4.43	2.71	2.87	2.71	-0.3519	0.016
0.55	0.47	0.27	0.49	-0.5426	0.119771
56.85	72.2	78.57	75.43	0.378973	3.58E-07
68.99	101.02	105.07	94.73	0.316841	0.012177
0	0	0	0	NA	NA
31.86	43.26	37.3	44.68	0.386203	NA
1.77	0.55	0.75	0.63	-1.36131	8.68E-07
14.37	9.71	12.04	10.48	-0.38625	0.006519
0.67	0.88	2.05	1.42	0.436622	0.342321
0	0	0	0	NA	NA
3.48	1.37	1.79	2.29	-0.78526	0.031182
4.68	7.09	6.28	7.93	0.56338	0.001047
6.29	7.52	6.84	6.77	0.302864	0.056076
8.43	10.61	7.9	8.57	-0.00045	0.998212
20.42	19.15	21.02	21.38	-0.04524	0.784567
34.18	66.35	49.04	61.05	0.821725	5.58E-10
54.2	54.5	61.16	60.73	-0.0462	0.669911
24.69	11.04	14.55	8.81	-1.137	3.12E-11
270.51	222.28	267.04	250.43	-0.20811	0.046366
2.8	1.26	2.39	2.09	0.156754	0.795652
174.94	157.42	159.26	158.8	-0.05711	0.622564

26.26	18.06	22.78	20.81	-0.43679	5.02E-07
0.05	0.24	0.23	0.24	0.64745	0.316752
12.04	8.45	9.36	9.01	-0.39966	1.76E-05
0.24	1.13	0.51	1.13	1.13678	0.01319
0	0	0	0	NA	NA
34.88	17.3	22.55	19.46	-0.86705	1.74E-24
0.59	1.29	1.16	3.43	1.185667	0.001665
32.72	32	35.24	29.77	-0.06723	0.715167
1000.09	1105.04	1420.95	1330.36	0.333741	0.001967
2.17	0.1	0.2	0.57	-2.59163	1.64E-07
0.33	1.63	1.04	1.37	1.868326	9.75E-12
478.4	345.91	459.41	438.87	-0.18098	0.138439
151.53	202.19	163.19	174.59	0.282231	0.014506
0	0	0	0	NA	NA
27.65	62.1	54.13	63.25	0.943289	1.36E-35
5.52	6.19	6.59	6.74	0.273989	0.03215
21.13	28.52	24.04	24.34	0.104745	0.547377
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0.07	0.07	NA	NA
884.81	750.74	832.81	724.58	-0.20056	0.035679
0	0	0	0	NA	NA
75.66	78.51	86.83	89.72	0.062432	0.576449
0	0	0	0	NA	NA
11.76	10.69	12.79	10.76	0.05718	0.708838
26.82	28.95	27.72	26.85	-0.04288	0.745682
44.99	48.47	46.9	42.13	-0.10654	0.435752
0	0	0	0.02	NA	NA
2.43	3.41	3.35	3.13	-0.06107	0.857626
0.04	0	0.17	0.06	NA	NA
10.4	24.76	14.63	21.22	0.738935	1.25E-05
17.01	19.09	19.28	19.26	0.083322	0.651342
0	0.01	0.02	0	NA	NA
2.98	3.88	2.31	2.32	0.157255	0.623956
6.56	5.06	7.17	5.56	-0.37773	0.060395
17.92	9.86	6.53	7.8	-0.65595	1.62E-05
1.18	1.16	1.77	1.06	-0.07128	0.86012
138.08	154.64	144.28	155.24	0.154086	0.109553
0	1.47	0.43	0.71	2.861907	7.58E-08
0.3	0.22	0.21	0.21	NA	NA
0	0	0	0	NA	NA
0.06	0.29	0.21	0.15	0.297147	0.624468
0	0	0	0	NA	NA
0	0.03	0.05	0.03	NA	NA
0	0	0	0.1	NA	NA

3.42	5.53	4.91	5.22	0.610813	5.85E-07
0	0	0	0	NA	NA
35.78	31.87	34.09	33.86	-0.28695	0.009967
12.78	29.75	23.59	26.36	1.112571	1.40E-21
0	0	0	0	NA	NA
148.93	121	130.81	122.87	-0.29749	0.000362
0.66	0.32	0.56	0.46	-0.40847	0.533239
0	0	0	0	NA	NA
12.38	10.11	12.67	9.83	-0.07005	0.766199
0.72	0.78	0.83	1.17	0.318557	0.547698
0	0	0	0	NA	NA
0.82	1.45	0.98	2.27	0.418835	0.210043
0	0	0	0	NA	NA
24.88	25.32	27.52	25.65	0.040262	0.747737
7.52	11.7	8.37	9.82	0.294432	0.125608
83.99	57.17	61.68	62.78	-0.48811	8.48E-11
36.95	59.7	46.66	57.89	0.573232	1.79E-08
0.25	0.12	0.37	0.24	0.376035	0.606618
17.32	18.22	18.93	19.42	0.293345	0.023312
6.26	4.93	6.74	7.21	-0.05612	0.762312
0	0.14	0	0.02	NA	NA
0.04	0.06	0.07	0.06	NA	NA
29.89	23.44	27.6	25.22	-0.25337	0.026743
14.41	14.96	17.2	15.94	0.008822	0.959088
10.63	10.91	10.35	9.25	0.118538	0.487984
0.01	0	0.01	0	NA	NA
0.05	0.07	0.07	0.04	-0.58227	0.394473
7.92	9.01	6.53	8.87	0.160812	0.55341
38.6	35.61	30.5	29.96	-0.04036	0.767799
0	0.01	0	0	NA	NA
0.05	0.01	0.01	0.05	-0.42395	0.580536
0	0	0	0	NA	NA
8.11	4.79	4.31	4.84	-0.9486	6.01E-11
6.18	10.05	6.64	8.8	0.300636	0.087963
74.89	60.24	63.61	59.69	-0.31852	0.000306
1.79	0.98	1.14	1.07	-0.67751	0.000442
44.2	78.02	52.78	77.62	0.724698	2.56E-09
15.73	21.94	23.37	17.15	0.321729	0.146535
0	0	0	0	NA	NA
4.3	3.86	3.9	4.06	0.0375	0.87997
0	0.03	0	0	NA	NA
210.29	152.39	204.92	188.49	-0.19314	0.101967
109.14	146.33	138.85	138.24	0.184795	0.135383
1.47	0.89	0.95	1.5	1.094178	0.016848
0.11	0.15	0.11	0.15	0.007536	0.992952

41.62	76.22	64.27	72.7	0.778011	1.07E-15
4.88	6.29	5.52	4.75	0.171377	0.292424
154.35	148.82	139.38	146.93	-0.13338	0.169997
4.37	2.31	1.88	3.27	-0.65312	0.015598
93.99	58.1	70.56	76.43	-0.49924	3.53E-07
0	0	0	0	NA	NA
10.51	11.28	13.12	10.66	0.143616	0.2979
25.93	31.04	26.65	28.09	0.082216	0.602154
54.11	44.98	53.26	50.24	-0.1258	0.255153
10.29	9.81	10.03	8.25	-0.19464	0.240858
14.44	17.88	10.51	19.8	0.254203	0.351216
13	13.6	13.48	11.76	-0.08537	0.545553
10.16	8.54	8.21	9.17	-0.28152	0.058085
39.67	24.74	26.59	28.77	-0.48125	3.21E-06
5.37	7.86	7.76	9.16	0.275311	0.016197
97.05	80.57	85.46	75.22	-0.267	0.001025
0	0	0.04	0	NA	NA
0.14	0.15	0.05	0	NA	NA
14.89	17.89	20.23	20.24	0.271701	0.009815
1.17	3.17	2.77	3.16	1.42077	1.50E-10
0	0.04	0	0.03	NA	NA
35.3	52.62	46.27	51.04	0.766552	1.16E-15
6.8	7.52	5.47	7.36	-0.13459	0.306286
44.36	13.46	33.37	26.12	-0.94253	0.009167
7.01	9.95	9.4	10.34	0.498331	4.16E-06
13.01	10.47	10.74	9.59	-0.46668	0.003139
10.97	12.92	10.62	10.24	-0.23084	0.273865
27.81	42.11	34.31	37.08	0.408148	3.06E-05
6.67	8.5	7.41	7.8	0.133345	0.476361
1.94	1.54	1.71	1.71	-0.03432	0.939891
434.33	433.97	390.76	389.39	-0.10887	0.268868
225.93	402.49	311.42	337.2	0.648373	6.33E-11
7.95	7.4	7.81	7.58	0.032718	0.858119
3.49	3.71	3.23	3.3	-0.08123	0.703755
35.98	35.03	34.7	34.86	-0.02026	0.883316
0.21	0.03	0	0.03	-0.80551	0.193242
42.55	21.68	25.83	22.62	-0.95831	5.81E-25
20.69	27.16	21.93	23.43	0.118719	0.447775
13.9	9.92	11.52	11.03	-0.48371	2.00E-07
0.07	0.02	0.08	0.1	-0.04031	0.966405
0.27	0.42	0.43	0.66	0.856479	0.104319
11.5	10.83	9.42	11.18	-0.09196	0.568193
7.64	6.1	4.57	4.05	-0.4261	0.007509
0	0	0	0	NA	NA
0.04	0	0	0.02	NA	NA

0	0.07	0.04	0.02	NA	NA
15.69	18.88	15.39	19.58	0.143678	0.237425
7.83	30.52	16.15	21.97	1.662937	1.02E-24
0	0.19	0.01	0.03	NA	NA
0.08	0.07	0.05	0.07	-0.03243	0.973994
0.02	0.13	0.09	0.08	0.000848	0.999229
4.33	5.76	4.76	4.92	-0.25713	0.241804
0.06	0.79	0.14	0.24	1.326576	0.02756
0.18	0.18	0.04	0.46	-0.31484	0.69572
19.72	12.14	12.96	14.11	-0.57758	5.61E-08
22.68	28.66	26.61	31.56	-0.01599	0.927319
0	0	0	0	NA	NA
12.21	21.45	15.17	17.07	0.58936	0.000446
1.21	2.63	1.83	1.34	0.196692	0.629586
16.32	13.28	15.65	13.19	-0.11582	0.616695
1.68	0.23	0.13	0.13	-2.61007	3.91E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.4	43.28	27.49	32.37	1.255069	2.94E-25
24.7	12.14	25.6	22.34	-0.33538	0.469819
0.09	0.17	0.23	0.18	NA	NA
5.7	5.22	5.76	5.99	-0.00031	0.99898
23.99	18.37	19.78	18.78	-0.24948	0.029715
0.15	0.31	0.24	0.33	-0.12849	0.862323
15.09	18.07	18.67	20.81	0.441012	0.000154
46.56	38.05	47.16	44.81	-0.04472	0.811512
6.91	5.72	7.13	8.58	-0.12994	0.492577
0.01	0	0	0	NA	NA
2.14	0.7	0.9	0.64	-1.03493	0.001423
0	0	0	0.02	NA	NA
2.83	1.2	1.31	1.39	-0.6642	0.077352
4.85	2.54	3.53	3.31	-0.66846	0.000129
32.76	53.24	53.03	49.63	0.286637	0.000767
29.53	30.36	26.2	30.73	-0.09695	0.481527
52.17	255.79	172.36	212.27	1.930881	2.27E-19
2.6	2.79	3.4	2.84	0.290027	0.292468
0.01	0.01	0.02	0.01	NA	NA
18.35	26.62	25.1	23.45	0.548292	4.10E-05
9.13	8.77	9.09	9.14	-0.13485	0.409322
2.93	2.46	2.17	2.23	-0.39199	0.022637
11.16	11.79	10.94	11.41	-0.00616	0.971274
0	0.15	0.18	0	NA	NA
0	0	0	0	NA	NA
7.83	20.02	14.54	17.65	0.883231	7.70E-12

3.88	14.46	7.28	8.83	1.453792	5.72E-10
24.75	22.22	21.77	23.06	-0.18383	0.076965
9.06	8.38	9.77	9.88	-0.00698	0.974137
0.22	3.54	1.95	3.87	4.273566	1.27E-29
0.03	0	0	0	NA	NA
0.04	0.11	0.05	0.1	0.698448	0.304001
63.43	60.09	60.25	58.7	-0.09753	0.291113
264.5	250.52	265.16	240.72	-0.19067	0.057787
16.39	20.82	19.42	20.46	0.203914	0.068673
1328.78	1193.6	1215.47	1169.47	-0.25536	0.000441
0.43	0.11	0.38	0.37	-1.37943	0.007039
2.59	1.04	3.76	1.61	-0.33865	0.37299
0.71	0	0	0.04	NA	NA
0	0	0	0	NA	NA
6.43	8.15	7.06	7.45	0.384505	0.003477
0.4	0.07	0.36	0.09	-0.47095	0.531499
18	12	16.91	16.81	-0.55696	2.68E-05
0	0	0	0	NA	NA
0.03	0.02	0.07	0.1	-0.23579	0.780521
7.39	4.14	4.41	4.33	-0.87391	9.97E-05
0.11	0.14	0.12	0.1	-0.03288	0.968986
55.5	64.79	58.18	70.26	0.135682	0.388677
0	0	0	0	NA	NA
177.26	132.2	155.55	145.43	-0.30613	0.00075
0	0	0	0.03	NA	NA
0.15	0.24	0.13	0.47	NA	NA
16.61	13.92	12.41	17.01	-0.2906	0.033282
1.59	2.11	1.52	1.52	0.026487	0.948254
10.01	8.22	9.54	8.81	-0.05781	0.759063
6.89	9.46	8.9	7.51	0.313131	0.130099
4.11	5.77	5.58	6.68	0.555025	0.001973
10.48	14.11	11.63	14.29	0.371006	0.004046
0.41	0.99	0.55	0.77	0.913721	0.006026
0	0	0	0.11	NA	NA
30.81	20.16	24.45	23.94	-0.59883	1.20E-06
3.93	2.44	2.33	1.95	-0.07783	0.753437
433.31	382.69	407.57	372.67	-0.13975	0.106385
1.61	0.7	1.16	0.88	-1.01769	0.015484
11.81	12.29	11.84	12.64	-0.04931	0.741438
241.65	265.98	274.62	280.95	0.06666	0.466328
0.07	0.04	0.03	0.06	NA	NA
0.13	0.13	0.88	0.27	0.396527	0.547698
8.03	11.43	10.12	10.66	0.363199	0.028112
0.11	0.28	0.18	0.47	0.817378	0.159952
118.75	105.95	126.33	116.9	0.01779	0.902417

1.88	1.89	2.27	1.81	0.039216	0.932664
9.11	4.11	3.95	4.41	-1.14796	5.86E-18
5.23	11	8.91	9.93	1.090598	8.43E-13
3.29	1.3	1.39	1.27	-1.20588	4.55E-08
0.66	0.54	0.91	0.26	-1.46914	0.00615
0	0	0	0	NA	NA
0.05	0.04	0	0	NA	NA
3.41	7.58	7.16	6.76	0.63644	0.001595
15.68	16.68	15.94	17.35	-0.15496	0.235211
11.48	9.67	9.2	8.64	-0.10195	0.571644
0.68	0.59	0.49	0.84	-0.24097	0.66672
0.03	0.07	0.11	0.1	-0.67399	0.33288
11.23	7.12	9.23	7.76	-0.57081	0.002735
6.85	3.56	5.77	4.89	-0.6468	4.10E-06
70.63	81.76	74.83	72.06	0.105519	0.335813
0	0.04	0	0.02	NA	NA
16.9	19.19	18.84	18.81	-0.04201	0.745238
7.32	9.33	6.63	9.4	-0.10825	0.592028
4.35	1.5	1.72	1.51	-1.22273	3.42E-18
5.9	5.38	4.9	5.02	-0.03326	0.903813
0	0	0	0	NA	NA
3.83	2.25	4.86	2.98	-0.24536	0.303262
21.85	19.58	22.13	22.86	-0.37951	9.59E-05
143.09	137.11	146.08	145.96	-0.00744	0.948772
0.74	1.71	0.35	0.87	0.180441	0.695348
55.56	46.84	50.44	52.66	-0.07331	0.492779
17.61	14.67	17.18	16.32	-0.20319	0.058578
0.05	0	0	0	NA	NA
6.82	24.27	15.77	19.47	1.212708	6.02E-11
0.17	0.24	0	0.06	NA	NA
3.53	2.97	2.23	2.64	-0.5294	0.00023
42.07	52.48	46.97	47.93	0.291767	0.001007
7.92	8.85	9.06	8.7	-0.08908	0.724496
7.88	7.53	7.15	7.06	-0.1835	0.302614
7.56	8.1	6.05	7.25	-0.29976	0.066663
0.83	0.65	0.39	0.45	-0.48455	0.219931
0.08	0.04	0.04	0.02	NA	NA
0.31	0.09	0.08	0.17	-0.62664	0.348643
14.33	5.86	11.04	9.44	-0.99216	5.79E-13
1.89	8.36	3.88	5.14	1.248167	5.63E-07
1.72	1.9	2	2.1	0.279587	0.163553
20.73	26.01	26.75	32.17	0.403402	3.71E-06
0	0.02	0	0	NA	NA
5.46	5.16	5.4	4.66	-0.05289	0.826911
2.83	2.66	3.25	3.03	0.002388	0.994947

28.29	17.82	20.7	18.46	-0.61726	7.66E-07
4.84	7.06	5.31	5.51	0.261504	0.123614
65.58	73.11	63.58	64.69	0.010866	0.947113
7.76	8.76	7.54	7.41	0.111498	0.500626
0	0	0	0	NA	NA
5.47	3.68	4.32	4.08	-0.35283	0.020085
33.89	37.14	36.11	36.74	0.177869	0.043403
3.6	2.88	3.84	4.35	-0.56902	0.000348
9.35	9.52	13.52	9.3	0.186542	0.06259
3.25	2.58	1.05	1.37	-0.39139	0.369468
30.81	11.47	15.35	12.86	-1.35414	8.08E-37
9.99	9.67	11.25	11.24	0.124363	0.558557
428.49	297.47	361.83	337.87	-0.52364	7.73E-12
2.84	2.64	3.01	2.85	0.099239	0.582246
0	0	0	0.02	NA	NA
7.41	4.75	6.61	5.16	-0.57553	0.001705
12.09	12.86	12.66	12.4	0.037131	0.855166
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.61	5.84	4.92	4.77	0.152956	0.31359
8.47	10.29	8.61	10.68	-0.07115	0.741819
2.03	2.35	3.22	3.61	0.336614	0.051196
0.29	0	0	0	-2.15544	0.000138
99.73	65.32	77.47	70.26	-0.5505	2.74E-10
1.38	1.11	1.29	1.99	-0.3029	0.329256
894.76	1503.73	1463.78	1506.93	0.734464	5.51E-32
32.9	36.55	37.54	39.96	-0.08	0.491189
0.03	0	0	0	NA	NA
91.57	98.68	97.65	96.46	0.060154	0.554943
20.35	8.85	12.09	10.34	-1.07556	3.59E-19
36.32	43.5	50.56	46.85	0.231826	0.021875
9.92	8.54	6.86	6.97	-0.45247	0.001997
21.1	36.96	33.19	37.43	0.769156	1.47E-17
95.63	100.99	103.16	99.34	-0.00069	0.996711
8.64	9.39	8.61	8.18	-0.11485	0.438229
2.88	1.44	1.51	1.6	-0.53107	0.322341
3.04	4.09	3.8	3.57	0.069191	0.813172
29.65	34.4	31.33	33.77	0.094335	0.37886
0	0	0	0	NA	NA
7.86	7.77	7.8	7.81	-0.06557	0.662246
10.6	10.46	11.33	9.4	0.012848	0.941708
10.21	8.56	8.71	7.53	-0.34905	0.039913
0	0	0	0	NA	NA
7.03	7.91	7.42	7.56	0.001685	0.994977
4.43	4.33	3.37	5.81	0.015544	0.957399

5.73	8.07	7.86	8.04	0.328479	0.009917
0.74	0.71	1	0.89	0.696797	0.072584
91.33	88.17	77.3	78.37	-0.18341	0.090037
28.24	12.64	14.56	14.68	-0.89136	4.84E-26
0	0.01	0	0	NA	NA
0.48	0.21	0.08	0.31	-0.84559	0.179661
12.28	12.07	13	12.27	0.062731	0.672689
87.75	203.77	163.03	179.2	0.967197	5.90E-25
0.8	0.33	0.33	0.47	-1.48913	1.79E-05
27.55	21.34	23.1	19.7	-0.28249	0.006682
28.25	24.35	29.42	24.94	0.003783	0.985711
66.35	88.11	91.06	106.41	0.387359	6.67E-06
22.12	20.29	17.93	22.94	-0.00845	0.957971
15.93	6.53	8.41	9.68	-0.8592	7.84E-12
3.28	2.66	2.27	2.39	-0.32411	0.191199
22.12	35.1	35.29	38.65	0.665203	9.15E-20
3.12	2.18	1.74	2.19	-0.5902	0.042494
0	0	0	0.01	NA	NA
8.15	7.64	7.28	6.67	-0.15603	0.289764
17.73	15.66	14.12	14.7	-0.01575	0.950693
4.84	2.29	3.49	2.47	-0.72658	0.000162
0	0	0	0	NA	NA
4.53	5.7	4.09	4.16	0.239198	0.1454
4.79	1.44	2.12	1.98	-1.40221	1.36E-14
1.28	0.89	0.65	0.96	-0.11099	0.834872
3.98	7.54	5.87	5.97	0.579859	4.88E-05
16.98	15.98	14.94	18.25	-0.05787	0.741819
11.29	7.77	7.48	8.23	-0.25017	0.052072
26.63	28.97	31.4	24.78	0.078979	0.658067
12.8	16.29	17.83	17.09	0.377064	0.010703
0	0	0	0.99	NA	NA
6.71	11.86	10.32	11.94	0.4588	6.47E-05
31.98	14.46	18.88	16.91	-0.92653	6.12E-20
0	0	0	0	NA	NA
1109.81	931.9	1024.5	964.36	-0.17019	0.049922
4.89	29.22	18.44	23.78	2.089758	3.11E-41
5.28	5.15	5.66	4.97	0.121759	0.621538
0.34	0.46	0.38	0.58	0.363595	0.553412
3.45	2.63	3.51	3.39	-0.22595	0.316047
0	0	0	0	NA	NA
2.88	2.87	2.34	2.91	-0.24846	0.237679
34.06	18.44	24.9	22.39	-0.65034	4.13E-10
0.61	1.82	2.07	1.67	0.133487	0.800861
47.84	25.96	39.14	35.06	-0.48548	7.41E-05
0.15	0	0.05	0	NA	NA

12.36	17.08	14.82	16.19	0.284492	0.015203
4.64	8.86	6.04	7.25	0.287297	0.115487
495.3	397.14	475.66	434.55	-0.18974	0.04079
0	0.01	0	0.01	NA	NA
114	135.48	135.44	132.72	0.150047	0.073735
89.7	106.13	95.06	101.19	0.243817	0.008592
8.03	7.42	8.27	13.56	0.120343	0.635578
16.09	2029.67	585.18	1261.29	5.031703	6.23E-34
17.3	24.8	23.99	25.25	0.145002	0.346691
0.13	0	0.03	0.09	NA	NA
18.69	12.04	12.91	10.54	-0.60362	1.17E-06
0	0	0.1	0.03	NA	NA
19.21	18.63	22.43	20.43	0.206868	0.117409
20.64	24.4	22.57	21.26	0.070397	0.643468
5.33	8.18	7.78	8.92	0.007553	0.981219
1.48	0.72	1.22	1.06	-0.68185	0.004668
0.35	0	0.08	0.09	NA	NA
47.68	39.42	42.65	40.79	-0.24168	0.011692
18.98	24.59	22.5	22.8	0.032675	0.861365
0.02	0	0	0	NA	NA
51.31	81.5	73.31	77.52	0.534476	3.14E-12
0	0	0	0	NA	NA
0.92	2.13	1.78	1.53	0.509633	0.164791
0	0	0	0	NA	NA
4.78	5.86	5.15	5.62	-0.19525	0.330999
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0.22	0.22	0.37	0.347796	0.427292
10.21	7.59	9.18	7.24	-0.11285	0.743135
22.12	19.73	19.88	21.87	-0.1884	0.049252
21.9	33.99	20.24	24.57	0.331654	0.055676
11.26	12.12	10.28	10.3	-0.00556	0.974622
1.09	0.1	0.37	0.18	-1.64652	4.77E-09
0.43	0.25	0.61	0.64	-0.03195	0.969488
2.69	1.89	1.28	1.05	-0.90548	0.026565
55.8	45.48	49.34	45.03	-0.20496	0.036961
16.21	13.2	15.24	14.1	-0.03342	0.858181
53.08	37.86	44.85	40.05	0.145668	0.142212
0.16	0.08	0.09	0.12	-0.61549	0.38663
57.32	57.94	60.78	58.55	0.108304	0.291113
17.61	25.17	21.3	24.93	0.416548	9.21E-05
0	0	0	0	NA	NA
7.33	8.77	8.89	9.06	0.120944	0.584321
13.14	9.67	8.7	9.13	-0.58008	2.39E-09
20.77	25.67	26.93	24.12	0.197436	0.024191

0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.39	8.82	8.13	11.46	0.683551	0.001032
0.21	0.05	0.13	0.08	-0.78032	0.166897
11.1	12.7	13.25	14.14	0.165256	0.177594
2.46	0.94	1.32	1.63	-0.90019	0.004477
19.53	17.84	17.69	20.4	0.115695	0.450951
36.15	32.9	33.16	31.41	-0.16495	0.20537
11.39	15.18	13.3	16.45	0.109375	0.624592
39.53	46	37.98	40.47	0.103804	0.346513
0.07	0	0.02	0.01	-1.81403	0.001711
0	0	0	0.01	NA	NA
30.13	37.02	30.45	36.33	0.240368	0.063839
0	0	0	0	NA	NA
16.62	11.37	14.47	12.18	-0.35361	0.001095
1.41	0.1	0.02	0.07	-4.63788	2.08E-32
24.13	33.2	29.93	28.73	0.262047	0.022121
0	0	0	0	NA	NA
27.67	28.53	32.7	27.93	-0.01283	0.940418
7.1	22.9	19.28	21.51	1.523768	1.45E-33
38.08	30.24	33.4	33.67	-0.07551	0.476343
6.53	5.35	6.3	5.91	0.076789	0.784751
17.53	9.43	13.71	14.27	-0.23652	0.123615
0	0	0	0	NA	NA
17	9.9	10.79	13.14	-0.3232	0.003015
8.73	9.11	9.56	8.63	0.100215	0.487049
13.89	15.89	15.06	16.44	0.199404	0.178484
0	0.63	0	0.28	0.639771	0.288404
0.28	149.27	35.49	77.05	4.613207	3.17E-21
0	0	0	0	NA	NA
0.3	9.85	2.79	5.82	3.575946	6.26E-14
0.14	16.26	8.56	11.41	4.877599	2.54E-39
0	0.06	0	0.06	NA	NA
0	0	0	0	NA	NA
22.49	21.7	19.74	23.49	-0.01731	0.90979
9.45	10.93	10.02	12.13	0.033314	0.825615
25.37	19.28	20.83	20.18	-0.37825	0.000962
8.85	9.96	8.56	9.91	0.054395	0.742075
22.68	32.73	24.38	27.06	0.279044	0.060223
25.64	25.19	27.59	24.43	0.07387	0.672202
7.94	7.52	6.08	6.97	-0.25056	0.071497
22.92	27.81	27.66	27.54	0.386084	1.00E-05
28.41	21.41	20.52	23.57	-0.43292	0.000312
15.53	12.62	11.51	11.76	-0.29782	0.015459
0	0	0	0	NA	NA

23.87	27.31	26.67	30.02	0.233963	0.037141
44.24	50.54	48.14	46.24	0.176388	0.056459
19.46	55.67	38.79	47.22	1.347876	2.50E-27
10.33	7.4	9.42	7.65	-0.1785	0.425463
20.39	43.92	36.79	39.26	0.889647	2.60E-22
24.84	28.17	28.34	27.93	0.178825	0.130108
107.07	104.2	117.13	103.79	-0.01043	0.94882
9.85	11.49	13.59	12.56	0.122406	0.42696
21.92	28.91	24.05	24.64	0.043723	0.736746
10.18	12.91	10.09	10.66	0.328652	0.021889
24.54	28.61	26.84	27.85	0.131845	0.332541
4.58	3.87	4.67	3.97	-0.19065	0.223169
24.18	44.16	42.62	45.5	0.783118	4.32E-20
17.09	26.87	22.12	24.2	0.413388	0.001098
0.92	0.52	0.32	0.5	-0.15494	0.789916
113.55	186.99	168.22	184.14	0.605579	5.91E-15
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.09	21.19	14.47	17.24	0.407815	0.019464
0.19	1.12	0.56	0.91	2.010761	7.29E-07
7.25	6.15	6.37	6.72	-0.28554	0.007437
22.55	22.97	21.95	24.29	-0.00809	0.95613
2.13	3.41	2.32	2.08	0.369477	0.291606
88.43	99.03	76.58	89.6	-0.03276	0.850065
24.88	31.11	37.14	32.73	-0.01821	0.920433
0.73	1.13	1.02	1.29	0.288932	0.494462
10.47	7.62	7.98	7.49	-0.53143	0.000215
13.86	15.02	14.44	15.5	0.067633	0.592028
9.12	19.18	17.32	19.63	0.862758	1.37E-18
5.58	5.29	5.3	5.32	-0.17361	0.310228
0	0	0	0	NA	NA
6.78	4.65	5.11	6.69	-0.2991	0.104775
6.57	7.15	6.82	7.21	0.097504	0.592553
26.89	32.55	29.73	31.73	0.16367	0.145193
7.65	8.73	7.21	7.05	-0.08453	0.609356
0	0.02	0	0	NA	NA
0.03	0	0	0.03	NA	NA
59.01	88.61	73.93	77.76	0.454945	1.24E-05
8.85	7.34	8.06	7.6	-0.25234	0.069213
0	0	0.06	0.01	NA	NA
2.16	3.87	3.23	3.55	0.325438	0.147871
9.36	14.26	12.22	12.78	0.19849	0.310838
0	0	0	0	NA	NA
6.32	8.5	7.84	7.17	0.115463	0.459233
0.27	1.98	1.15	1.13	3.851639	3.99E-25

0	0	0	0	NA	NA
88.73	122.17	99.69	112.37	0.317386	0.002474
0	0	0	0	NA	NA
6.58	9.8	7.29	8.03	0.281307	0.21896
11.01	10.92	9.8	8.88	-0.1894	0.326281
6.7	8.33	8.91	8.09	0.215214	0.117726
5.28	3.52	3.5	4.81	-0.50593	0.035003
6.14	6.56	6.82	5.39	-0.16195	0.23469
70.64	68.42	77.4	68.84	-0.00584	0.970719
0	0	0	0	NA	NA
7.16	9.08	9.42	9.19	0.222155	0.163859
573.05	498.26	475.71	476.28	-0.27847	0.000346
0.13	0.06	0.15	0.03	NA	NA
0.01	0.03	0.01	0.01	NA	NA
13.3	17.52	18.17	17.11	0.43617	0.001104
0.18	0	0.04	0.09	-0.87447	0.185685
1.66	0.81	0.97	0.95	-0.89371	0.002696
34.03	33.07	34.24	40.63	0.255018	0.009102
32.09	19.61	26.37	22.08	-0.59425	2.77E-06
1.65	1.49	2.07	1.93	0.879286	0.004581
86.76	594.82	296.73	408.68	2.109681	1.25E-12
21.82	20.15	22.53	24.84	0.094837	0.598096
4.2	5.63	6.18	5.07	0.397981	0.004516
9.83	6.49	8.24	7.28	-0.45583	0.003779
12.14	14.38	12.65	12.87	0.148083	0.286204
12.88	4.29	5.1	3.94	-1.4418	9.68E-21
8.69	8.53	8.69	8.31	-0.14282	0.300705
14.81	15.35	19	17.89	-0.02131	0.921844
7.57	5.78	6.62	7.95	-0.14839	0.331994
99.05	81.79	74.1	82.03	-0.40106	7.24E-09
0	0	0	0.11	NA	NA
0.17	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.63	9.49	8.67	9.95	0.180519	0.258601
0.93	0.64	1.02	0.37	-0.47537	0.422622
72.14	52.23	54.5	53.92	-0.43227	2.54E-05
1.36	0.97	1.6	1.24	-0.61334	0.141409
10.21	4.47	7.54	6.22	-0.78933	8.22E-07
59.13	45.95	47.99	43.58	-0.31685	0.003369
6.17	2.77	3.01	3.13	-1.16771	7.22E-16
16.76	21.45	17.76	18.5	0.016152	0.956564
0.16	0.04	0.11	0.24	-0.61252	0.384205
0	0	0	0	NA	NA
12.58	10.64	10.21	9.9	-0.17894	0.108465

926.23	691.54	815.44	697.5	-0.36947	NA
20.66	24.34	23.24	23.19	0.06993	0.646545
6.12	8.06	6.9	8.3	0.235828	0.136668
7.45	6.24	6.41	5.89	-0.16936	0.456633
12.53	13.33	14.34	17.86	0.103529	0.523528
20.73	19.32	17.99	21.56	-0.15711	0.092881
5.16	6.79	6.71	6.88	0.167255	0.482749
36.05	9.99	13.65	12.21	-1.70433	4.02E-47
10.98	10.9	10.62	9.75	-0.13259	0.497407
17.11	17.7	17.66	17.12	0.000163	0.999184
4.1	9.94	7.61	8.23	1.020922	2.19E-10
0	0	0	0	NA	NA
85.96	111.98	102.98	109.18	0.333952	8.15E-05
50.1	42.65	46.6	43.93	-0.22036	0.063334
14.95	20.19	18.83	19.88	0.469044	7.56E-05
2.1	1.64	1.57	2.38	-0.07003	0.869167
11.23	11.97	12.76	11.42	-0.09645	0.540905
0	0.02	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.07	0.02	0.07	0.309545	0.702808
0	0.01	0	0.04	NA	NA
9.54	33.86	25.64	31.02	1.494769	9.03E-34
8.76	4.84	6.03	5.63	-0.78426	3.40E-06
0.77	0.54	0.35	0.35	-0.26835	0.62151
0	0	0	0	NA	NA
3.74	2.25	3.2	3.06	-0.58282	0.0085
6.9	6.45	4.55	6.13	-0.31852	0.141331
9.93	9.48	9.57	10.33	-0.17211	0.150132
0.51	0.08	0.18	0.12	-1.28782	0.022147
32.55	33.26	34.8	31.19	0.073612	0.716196
41.17	232.78	123.97	170.18	1.935012	3.98E-14
1.67	0.56	1.01	0.44	-1.15525	0.000193
57.59	27.68	31.95	30.98	-1.12911	7.22E-32
92.02	1181.17	494.09	768.47	2.782172	2.58E-17
8.01	6.48	9.04	7.83	0.149103	0.303927
2.21	1.86	1.72	2	-0.13823	0.643182
5.62	7.41	6.34	6.3	0.194141	0.379416
4.41	4.83	4.65	4.54	0.17213	0.374469
0	0	0	0	NA	NA
0.58	1.22	0.99	2.09	0.951338	0.000955
7.73	8.65	7.09	8.17	-0.01424	0.963961
102.07	92.4	90.96	90.38	-0.19762	0.023101
7.16	8.05	5.46	7.97	-0.11322	0.559463
5.75	4.69	4.79	5.19	0.103662	0.583545

12.78	12.72	12.66	11.72	-0.00107	0.99562
0.23	0.21	0	0.4	NA	NA
0	0.04	0	0	NA	NA
0	0.3	0.57	0.32	1.126304	0.073034
4.63	7.59	7.27	8	0.629223	1.05E-06
0.08	0.08	0.04	0.07	-0.07041	0.938399
0.19	0.78	0.34	0.39	1.358298	0.006161
12.69	0.53	1.44	0.9	-3.5469	1.22E-51
0	0.27	0.03	0.09	NA	NA
0.07	0.06	0.06	0.09	-0.2601	0.742545
8.69	8.84	9.62	8.39	-0.2122	0.10619
7.24	5.14	5.59	5.92	-0.23386	0.180916
0.08	0.39	0.21	0.83	1.335246	0.026555
11.32	11.66	10.73	11.76	0.039638	0.815873
5.99	9.42	8.05	9.48	0.389161	0.009842
1.64	1.55	1.79	2.2	-0.02494	0.949887
79.2	83.32	80.32	89.6	0.021627	0.85721
27.34	26.57	29.54	29.16	0.012676	0.946972
21.91	8.76	16.27	15.4	-0.74254	6.70E-05
22.14	10.65	14.52	14.18	-0.60949	3.68E-05
16.02	17.42	15.95	16.02	0.036966	0.817999
30.52	10.36	16.48	11.54	-1.43678	5.53E-36
79.72	77.87	90.18	86.78	0.030361	0.812213
4.62	3.91	3.64	4.43	-0.20094	0.387812
20.41	25.55	23.03	25.49	0.313188	0.017153
18.84	20.15	19.49	20.3	0.060987	0.750838
0.01	0.05	0.07	0.18	-0.69199	0.299692
0	0	0	0	NA	NA
8.75	12.19	12.65	13.49	0.465573	0.00409
0	0.11	0.03	0.03	1.022048	0.109549
138.39	55.34	77.06	73.57	-0.95789	5.44E-24
4.47	3.55	3.44	3.68	-0.03996	0.871975
202.89	175.95	147.1	168.92	-0.19525	0.090288
4.78	4.24	4.46	4.4	-0.15866	0.28991
2.67	3.77	3.35	5.52	0.162081	0.415764
0.04	0	0	0	NA	NA
0.47	0.35	0.55	0.4	0.14841	0.787412
0.05	0.06	0.08	0.02	-0.14594	0.870444
4.96	5.39	6.46	5.51	0.183226	0.392201
0	0	0.02	0	NA	NA
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.29	4.12	4.2	3.28	-0.27262	0.420229
19.12	17.33	18.43	15.28	0.112935	0.551896

79.85	65.82	70.37	75.59	-0.12137	0.180774
0.18	0	0	0	NA	NA
8.66	6.88	9.12	8	-0.09166	0.668204
0	0	0	0	NA	NA
0.02	0.05	0.12	0.14	NA	NA
28.47	26.91	24.03	25.77	-0.0018	0.991973
7.99	11.6	9.18	10.49	0.383422	0.011349
3.12	4.27	3.85	3.56	0.278254	0.154773
8.64	9.25	9.9	5.99	0.25495	0.463611
0	0.16	0.08	0.16	NA	NA
3.96	0.7	0.99	0.85	-2.1428	1.13E-36
0.45	0.44	0.03	0.29	NA	NA
0	0.1	0.03	0.09	NA	NA
0	0	0	0	NA	NA
11.24	4.51	6.94	6.47	-1.23263	3.52E-09
0	0.09	0	0.06	NA	NA
2.05	3.5	3.09	3.35	0.602416	0.001006
14.09	10.23	9.79	9.59	-0.43663	0.000372
0	0	0	0	NA	NA
22.92	36.7	25.88	33.16	0.457186	0.001293
15.28	7.21	10.5	9.3	-0.23906	0.109376
23.67	33.53	33.84	37.56	0.483015	2.04E-07
305.45	157.02	339.43	251.84	-0.26266	0.490909
4.38	3.73	3.86	3.49	-0.41582	0.001827
1.74	0.93	0.91	1.23	-0.93959	0.016105
12.57	10.89	9.68	8.79	-0.13052	0.590167
1.1	0.49	0.53	0.48	-0.6513	0.13884
0	0	0	0	NA	NA
61.24	28.7	44.81	41.03	-0.76596	1.23E-09
0.08	0.21	0.09	0.1	-0.23703	0.701731
6.96	6.89	5.53	6.15	-0.25245	0.116484
15.02	15.34	15.51	14.35	-0.09238	0.460808
22.06	27.41	22.74	26.5	0.056543	0.72393
1098.86	1038.62	1190.27	1021.64	-0.17988	0.054883
0.2	2.41	0.95	2.23	2.654347	1.50E-13
7.68	6.54	5.96	7.01	0.024737	0.926267
6.05	3.89	4.31	3.29	-0.44967	0.000913
17.04	16.22	17.08	16.93	-0.09802	0.544541
0.26	0.5	0.42	0.61	0.805031	0.182068
35.29	14.66	22.08	18.89	-0.83683	1.03E-11
5.36	12.54	7.99	10.79	1.243926	3.83E-17
0.04	0.03	0	0.06	NA	NA
4.36	4.98	4.15	3.99	0.058847	0.828363
0	0	0.11	0	NA	NA
101.36	128.59	146.55	146.11	0.512225	1.06E-10

0.55	1.01	0.63	0.42	-0.29922	0.635703
0.06	0.14	0.03	0.06	0.076066	0.936914
0	0.77	0.74	0.9	2.339264	3.70E-06
0.63	1.68	1.88	3.03	2.651528	2.81E-12
10.28	8.09	9.12	9.06	-0.07576	0.64803
4.06	2.18	3.03	3.14	-0.89612	1.20E-08
0	0	0.04	0	NA	NA
25.58	28.9	28.61	28.37	0.163925	0.150557
0.06	0.01	0.02	0.02	-0.81031	0.212379
0.16	0.2	0	0	NA	NA
10.57	5.77	5.95	5.29	-0.65536	0.010007
12.95	12.72	12.97	12.84	-0.06407	0.682299
6.31	5.08	5.96	5.61	-0.23145	0.273645
5.72	3.37	4.29	4.42	-0.37729	0.009418
12.65	15.12	13.53	14.61	0.12651	0.422258
13.4	17.27	17.75	15.62	0.383443	0.009382
0	0	0	0	NA	NA
22.19	39.98	31.52	37.35	0.42758	0.000188
3.38	8.19	8.39	15.55	1.150764	0.000656
0	0	0	0.01	NA	NA
27.23	20.21	23.35	24.03	-0.22598	0.02417
7.17	8.52	9.66	12	0.237818	0.294193
0.09	0.34	0.2	0.25	0.962514	0.069348
0	0	0.64	0	NA	NA
17.22	1.38	3.75	2.46	-2.32384	1.58E-10
0	0	0	0	NA	NA
3.56	3.54	3.32	3.68	-0.1857	0.211358
13.33	14.21	14.51	13.16	0.043437	0.824714
9.69	6.22	7.51	7.08	-0.31891	0.013219
1.79	3.73	2.92	3.76	0.741831	2.78E-06
3.59	1.78	2.34	3	-0.75659	0.008409
64.43	45.06	46.74	40.67	-0.55303	1.36E-10
0.62	1.14	0.8	0.44	-0.0934	0.898146
17.54	14.67	19.5	16.66	-0.58728	4.38E-09
12.1	15.81	12.61	13.95	0.306094	0.021672
7.97	11.44	8.24	8.28	0.072784	0.699566
7.99	9.6	10.71	9.51	-0.01068	0.972634
0	0	0	0	NA	NA
3.28	2.82	3.62	2.82	-0.22731	0.402014
22.95	28.71	31.53	26.76	0.475104	4.15E-07
0	0	0	0	NA	NA
74.82	90.78	89.9	82.67	0.163252	0.091974
50.94	52.59	55.66	49.5	-0.02985	0.827737
18.67	23.74	18.22	20.37	0.098126	0.559898
6	8.27	6.89	9.07	0.342191	0.049525

0	0	0	0	NA	NA
19.71	16.4	16.11	15.06	-0.25473	0.015069
0.34	0.35	0.44	0.18	-0.00242	0.997898
99.89	90.89	92.18	93.01	-0.23421	0.003385
17.82	19.28	17.26	17.49	0.0159	0.922421
0	0	0	0	NA	NA
118.05	116.42	123.17	123.05	-0.05482	0.644595
2.66	4.84	3.85	3.2	0.307614	0.12042
24.1	19.71	20.71	19.2	-0.10599	0.374503
0	0	0	0.03	NA	NA
3.69	2.98	3.57	2.19	-0.19593	0.531228
53.77	57.65	51.54	54.26	-0.04722	0.692476
0	0.03	0	0	NA	NA
1.04	1.72	0.94	0.97	-0.77174	0.052592
0	0	0.11	0.03	NA	NA
103.88	42.01	53.6	48.45	-1.11851	9.90E-33
4.62	0.72	1.3	0.88	-2.24465	3.22E-30
8.87	5.72	7.13	6.66	-0.38543	0.035824
0.36	2.51	0.97	1.76	2.452815	4.68E-08
0	0	0	0	NA	NA
14.14	16.56	16.67	18.63	0.138476	0.296114
0.07	0.3	0.02	0	NA	NA
0.85	0.68	0.8	0.81	-0.17278	0.626917
0.21	0.17	0.29	0.29	-0.2593	0.718632
9.77	10.06	6.55	7.8	-0.0719	0.751307
1.6	21.82	11.22	16.21	2.795363	2.25E-43
54.38	39.55	41.34	39.95	-0.4421	4.97E-07
6.29	5.87	5.92	5.17	-0.09116	0.619695
0.24	0.07	0.14	0.09	-0.7136	0.275897
0.51	0.36	0.27	0.26	-0.82732	0.012289
0.23	0.15	0.17	0.14	-0.16776	0.821481
5.98	8.2	5.33	5.79	0.21898	0.387164
0.66	0.08	0.38	0.17	-1.45509	6.44E-05
0.37	0.72	0.68	0.35	0.539505	0.454592
4.39	3.19	4.25	4.25	-0.30825	0.150179
19.81	16.53	18.04	18.94	-0.10723	0.280354
0	0	0	0	NA	NA
62.7	84.02	73.46	79.53	0.276558	0.004774
12.06	10.62	11.92	11.48	-0.15109	0.342304
13.25	11.1	11.68	13.18	-0.23617	0.133109
0	0	0	0	NA	NA
0.51	0.58	0.52	0.44	-0.17378	0.731322
0	0	0	0	NA	NA
3.34	3.7	2.87	2.93	-0.07445	0.744638
1192.8	930.09	1080.33	897.23	-0.3011	0.001853

0.3	0.16	0.26	0.24	-0.68677	0.040537
1.37	0.28	0.7	0.47	-0.11909	0.843441
0.03	0.08	0.04	0.08	0.915758	0.158346
9.56	1.3	3.88	3.24	-1.77711	4.68E-07
21.5	21.57	22.23	21.93	0.050845	0.741817
9.52	8.78	9.79	10.35	-0.21592	0.109351
0.76	0.76	1.1	0.33	-0.53774	0.224796
0.55	0.83	0.59	0.54	0.804392	0.092812
0	0.05	0.05	0	NA	NA
5.1	4.72	4.1	4.67	0.112133	0.64256
19.42	19.57	20.35	18.87	-0.08283	0.553672
21.58	16.48	20.16	17.77	-0.14568	0.483417
37.58	30.17	35.58	33.08	-0.23232	0.033882
10.74	20.48	15.54	19.5	0.687585	8.94E-09
1.25	0.05	0.03	0.01	-3.3293	3.80E-13
23.26	20.81	20.38	21.29	-0.05874	0.666468
3.97	4.48	7.41	3.73	-0.04012	0.886401
0.51	0.14	0.1	0.12	-1.21351	0.034784
10.62	4.1	4.59	5.74	-0.83671	7.07E-13
91.89	60.55	73.98	66.85	-0.48687	5.35E-07
39.03	40.49	35.05	39.05	0.007599	0.966296
18.67	18.06	17.91	19.22	-0.04947	0.759486
35.93	37.08	40.88	44.12	0.291531	0.000831
0	0	0	0	NA	NA
1.8	1.74	2.03	2.37	0.123009	0.599132
16.93	17.4	20.41	18.13	0.123726	0.483549
26.52	22.02	21.28	22.05	-0.12005	0.306678
86.11	146.57	148.04	146.72	0.740065	2.82E-27
14.57	0.66	1.48	1.02	-3.31829	4.69E-23
28.92	36.69	34.89	35.63	0.3825	0.000375
9.16	7.91	7.88	7.33	-0.40448	0.003008
6.12	4.21	4.67	5.25	-0.32852	0.096962
0	0	0	0	NA	NA
0	0	0	0	NA	NA
16.26	28.09	17.06	20	0.498961	0.038536
8.71	4.59	6.38	6.96	-0.69982	5.19E-06
0.77	0.05	0.11	0.1	-2.07625	3.01E-05
19.51	16.11	17.29	15.11	-0.04943	0.719609
15.11	20.2	20.91	19.85	0.415699	4.16E-07
16.65	15.41	19.28	19.2	0.102941	0.390719
48.59	56.19	59.02	59.39	0.329035	0.000259
6.11	10.53	9.26	9.91	0.753859	1.13E-12
2.43	3.04	2.66	3.3	0.10054	0.787692
7.46	5.43	8.37	6.84	0.106701	0.575189
13.2	15	13.45	12.33	0.087321	0.588601

0.15	0.01	0.02	0.05	-1.58736	0.004585
5.62	4.08	4.42	4.21	-0.6076	0.000284
8.58	4.83	4.95	3	-0.53326	0.046082
0	0	0	0	NA	NA
2.16	11.65	6.79	7.2	1.212847	5.19E-10
24.07	25.53	21.41	24.33	-0.22047	0.101604
21.63	16.7	17.56	17.28	-0.42305	2.31E-05
6.74	3.38	5.04	4.33	-0.67635	2.69E-06
9.26	5.76	8.02	5.9	-0.66796	1.19E-06
1.97	2.39	2.87	3.85	0.40755	0.101923
0.09	0.13	0.15	0.21	0.625712	0.361418
3.41	2.12	2.87	2.12	-0.29095	0.125608
0	0	0	0	NA	NA
1.75	0.89	1.03	1.05	-0.68867	0.021571
5.5	8.11	9.12	8.39	0.605863	0.00029
17.19	15.81	16.02	14.66	-0.04747	0.805202
69.02	70.1	74.44	72.08	0.023518	0.875534
0.29	0.13	0.08	0.16	-1.50075	0.002694
0.29	0.72	0.48	0.74	1.205039	0.050732
109.99	96.45	97.68	99.19	-0.32473	3.90E-06
1.76	2.35	1.44	2.42	-0.26081	0.439803
2.46	7.05	5.97	6.07	1.512974	1.93E-17
0	0	0	0	NA	NA
25.69	86.74	55.28	75.29	1.607612	1.46E-31
6.46	5.96	7.81	6.78	0.151323	0.425463
17.98	14.57	19.12	18.46	-0.31343	0.000984
0.07	0.41	0.61	0.69	1.697401	0.000299
18.37	11.8	12.72	12.91	-0.57486	1.14E-07
3.79	6.83	5.14	6.75	0.524348	0.007012
0	0	0	0	NA	NA
2.67	1.82	2.05	1.97	-0.80091	1.90E-05
2.44	3.17	2.5	2.51	-0.14723	0.587428
0	0.02	0.02	0	NA	NA
11.42	11.25	11.19	11	-0.17036	0.380142
15.72	11.76	13.71	14.77	-0.10203	0.592028
0.02	0	0	0.02	NA	NA
15.27	8.8	10.4	11.16	-0.6439	2.17E-11
39.05	51.13	47.21	47.3	0.272337	0.001941
49.35	14.54	21.11	16.84	-1.42578	5.63E-43
0.49	0.26	0.08	0.19	-1.8401	6.99E-10
143.9	127.03	131.9	136.22	-0.07597	0.394562
41.57	44.03	50.31	47.94	0.22311	0.032456
7.95	9.19	7.57	7.61	0.317555	0.010538
25.64	35.13	28.62	30.83	0.34303	0.000832
0.02	0.05	0.03	0	NA	NA

1.57	0.19	0.23	0.37	-2.50303	5.44E-23
32.1	1.61	5.74	3.36	-2.58721	1.96E-10
40.02	31.82	41.58	38.86	-0.13044	0.420995
0.25	0.5	0.38	0.2	-0.51219	0.205905
2.32	2.15	2.49	2.28	-0.05926	0.850235
8.64	8.34	7.3	7.98	-0.11464	0.595663
0.25	0.07	0.83	0.31	-0.53744	0.383902
12.9	6.25	8.58	8.36	-0.63363	0.001401
0	0	0.04	0	NA	NA
16.86	5.57	8.47	7.21	-1.41289	7.70E-26
0	0	0.01	0	NA	NA
29.38	21.47	24.47	21.63	-0.32621	0.002229
12.63	14.58	14.11	15.34	0.19195	0.079996
0	0	0	0	NA	NA
19.53	24.32	17.53	27.06	0.338632	0.001653
45.61	33.86	39.09	34.74	-0.3182	0.003921
0	0	0	0.47	NA	NA
6.33	4.05	3.61	3.74	-0.87181	1.84E-20
26.01	27.68	23.45	27.02	-0.20246	0.045068
12.63	15.08	12.11	13.91	-0.10752	0.590036
30.73	30.38	32.81	33.68	0.004392	0.977207
0	0	0	0	NA	NA
22.62	21.95	22.86	20.15	-0.26261	0.00899
7.68	17.96	13.89	16.3	0.979155	1.29E-17
0	0	0	0	NA	NA
0.75	0.55	0.66	0.8	0.114582	0.823663
0	0.15	0.07	0	NA	NA
0	0.02	0.05	0.06	NA	NA
3.27	3.29	3.25	3.29	-0.12338	0.473561
66.19	87.05	71.44	77.12	0.32935	0.000644
2.33	3.71	4.17	4.19	0.520084	0.002001
4.82	4.39	5.08	4.38	-0.20038	0.327301
6.7	7.94	8.56	5.84	-0.07979	0.741372
1.44	1.36	0.92	1.42	-0.57224	0.011991
1.08	2.06	1.15	0.95	0.170142	0.718203
0	0	0	0.06	NA	NA
5.06	10.73	10.65	11.29	0.826426	1.09E-09
0	0	0	0	NA	NA
10.76	11.24	10.96	12.04	0.133657	0.472097
0	0	0	0	NA	NA
1.65	1.38	0.84	0.99	-0.37845	0.301209
5.59	9.17	8.72	9.75	0.163723	0.350329
30.52	24.27	29.58	26.33	-0.18953	0.17312
4.67	2.2	2.74	3.02	-0.92517	2.04E-07
2.18	4.2	2.84	3.22	0.688587	0.000286

66.03	38.79	54.02	49.3	-0.39519	0.000237
29.32	32.71	38.38	37.33	0.022828	0.9065
20.76	13.62	17.23	16.46	-0.48507	1.15E-05
1.09	0.25	0.46	0.69	0.003509	0.997073
9.34	8.05	6.76	8.03	-0.34878	0.008581
17.71	23.13	24.27	27.85	0.461681	0.000124
0.14	0	0	0.1	NA	NA
0	0	0.1	0	NA	NA
17.03	13.21	16.32	14.71	-0.19697	0.145311
2.84	2.38	3.21	2.73	-0.16245	0.579114
0.02	0	0.15	0.02	-0.88175	0.1665
4.92	29.24	21.15	25.68	2.268684	3.25E-71
22.74	20.22	24.32	23.54	-0.21425	0.033298
0	0.05	0.02	0.05	NA	NA
0	0	0	0	NA	NA
0.15	0	0	0	NA	NA
13.26	15.57	15	14.46	0.215456	0.137335
0.21	0.17	0.42	0.23	-0.90636	0.167589
11.84	6.65	12.1	8.59	-0.20441	0.330897
5.47	8.67	7.42	6.22	0.284682	0.159249
3.36	3.5	3.42	4.57	-0.14494	0.579435
105.65	91.05	101.88	88.83	-0.05999	0.610153
0	0.22	0.26	0.23	NA	NA
19.89	118.78	87.38	99.15	2.261606	2.11E-101
13.47	10.04	11.13	11.7	-0.33217	0.02151
1.06	0.18	0.2	0.12	-2.12882	4.20E-09
1.51	0	0.07	0.05	-2.95722	8.61E-09
11.98	90.98	59.47	76.07	2.424246	1.49E-66
2.99	8.08	6.55	7.59	1.095224	9.07E-12
4.79	4.52	5.13	6.1	0.096048	0.556392
338.86	71.36	129.92	111.15	-1.49199	9.48E-09
0	0	0	0	NA	NA
14.37	10.93	13.33	10.1	-0.20063	0.313063
1.21	0.57	2.06	0.65	0.412455	0.549989
10.93	8.47	6.84	8.83	-0.56016	3.54E-05
0.41	0.28	0.52	0.36	-0.50882	0.403249
0	0.04	0.05	0.04	NA	NA
1.14	1.21	0.85	1.22	0.258357	0.565434
1.24	17.27	6.66	11.83	2.455637	1.07E-10
12.5	12.43	18.62	15.11	0.156449	0.311407
7.48	8.25	8.89	7.96	0.02837	0.898651
7.69	7.43	8.11	6.98	-0.23156	0.195741
4.05	4.33	3.34	3.07	-0.13112	0.717625
27.92	10.59	12.43	11.27	-1.15356	1.14E-16
18.98	21.78	21.35	20.5	0.103646	0.435374

21.82	15.99	18.24	17.24	-0.37037	2.43E-05
6.43	7.03	5.29	7.87	0.207649	0.287743
0.12	0.39	0.24	0.34	1.080005	0.046931
0	0	0	0	NA	NA
6.22	11.24	10.78	9.95	0.796303	1.25E-11
4.41	6.53	6.17	6.15	0.39111	0.000785
2.05	1.01	0.98	1.16	-0.97991	3.11E-05
10.19	20.54	15.21	18.11	0.831768	2.41E-13
0	0	0	0	NA	NA
2.42	1.65	1.48	1.74	-0.51755	0.006776
7.68	6.11	8.49	7.97	-0.20327	0.269288
0.45	0.31	0.05	0.22	-0.32645	0.684151
0.4	0.17	0.1	0.05	NA	NA
18.76	21.83	16.93	19.61	0.025839	0.9065
0.11	0.27	0.23	0.19	0.318406	0.643327
0	0	0	0	NA	NA
7.89	4.34	6.14	5.54	-0.44778	0.00439
0.05	0.43	0.03	0.21	1.008434	0.106385
0	0	0	0	NA	NA
12.08	16.49	15.75	16.98	0.157571	0.340505
4.02	5.08	4.05	4.23	0.068119	0.840815
0	0	0	0	NA	NA
41.02	33.87	36.23	37.09	-0.15407	0.114067
0.46	1.48	0.71	0.86	0.960347	0.000761
7.72	10.36	10.94	10.86	0.287889	0.061413
23.54	26.84	29.25	29.93	0.157395	0.199496
49.35	34.55	37.56	36.23	-0.33344	0.000121
0.9	0.14	0.12	0.21	-0.7775	0.230908
0.49	1.95	1.51	2.09	1.063449	0.000406
14.75	10.59	12.35	14.2	-0.45753	0.004505
31.26	31.01	29.51	30.96	-0.05746	0.696062
19.81	27.44	25.75	23.36	0.207792	0.169958
52.65	39.67	43.15	38.11	-0.54295	2.07E-09
222.41	224.28	236.89	232.29	0.025416	0.817247
16.63	17.9	16.87	17.03	0.028854	0.828345
0	0	0	0	NA	NA
11.45	11.89	11.43	10.29	-0.0353	0.824304
0	0	0	1.36	NA	NA
2.77	5.14	3.86	4.77	0.666363	4.77E-06
2.48	2.04	2.39	2.24	-0.09723	0.742983
3.88	3.55	2.32	3.32	0.067167	0.850555
84.53	69.42	72.83	66.06	-0.26062	0.005859
12.31	11.36	10.51	14.41	0.151861	0.244891
7.13	7.83	7.39	7.93	0.183004	0.095454
0.8	0.25	0.28	0.17	-0.64055	0.28947

5.2	6.22	5.02	6.52	0.027718	0.88917
8.32	9.38	9.16	7.94	-0.04189	0.817702
9.19	11.84	10.33	10.86	0.196001	0.151718
3.26	5.57	4.97	5.24	1.101494	5.00E-08
26.24	17.18	20.96	20.72	-0.20106	0.121589
1.8	0.25	0.44	0.4	-1.9832	1.32E-12
0	0.28	0.02	0.04	NA	NA
9.26	10.34	10.36	9.81	0.140163	0.3249
0	0.01	0	0	NA	NA
0.13	0	0	0	NA	NA
35.54	24.6	29.85	24.59	-0.3859	6.85E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.73	3.36	3.16	2.71	0.195782	0.304364
3.59	3.3	5.76	5.76	0.291673	0.345685
1.1	1.31	0.97	1.15	-0.16259	0.763465
32.01	34.45	31.24	31.9	0.057302	0.651351
0	0.06	0.01	0.24	0.38953	0.605399
0.8	0.84	0.39	0.49	-0.06181	0.916659
2.08	1.22	1.71	1.62	-0.82575	0.000442
0.2	0.1	0.16	0.13	-0.19044	0.824096
10.3	8.95	9.96	10.9	-0.14436	0.45229
0	0	0	0.04	NA	NA
3.94	3.03	5.57	3.97	0.389661	0.072419
0	0.25	0.06	0.36	0.914743	0.106638
0	0.01	0	0	NA	NA
9.48	11.68	10.6	11.3	0.110362	0.467753
42.03	14.96	20.1	18.21	-1.10305	1.90E-25
5.32	5.28	4.18	6.24	0.069644	0.734119
0	0.61	0.05	0.04	NA	NA
2.58	1.68	2.1	1.79	-0.23848	0.358717
0	0	0	0	NA	NA
23.23	12.53	13.28	11.76	-0.76659	3.53E-08
5.89	6.37	6.36	5.24	0.216166	0.13018
0.12	0.03	0.23	0.15	-0.00356	0.997047
0	0.08	0.05	0.03	NA	NA
24.48	27.16	26.91	26.78	0.006207	0.966556
2.79	1.68	2.09	1.74	-0.93524	5.55E-06
2.03	3.41	2.36	2.61	0.505824	0.047932
0.01	0.1	0.05	0.08	NA	NA
0.01	0.19	0.15	0.2	2.01694	0.00023
0.56	0	0	0.04	-3.32751	2.88E-11
5.42	4.69	4.61	4.55	0.056847	0.874956
0.13	0.04	0.03	0.13	-0.13008	0.88462
4.92	3.58	3.89	2.78	0.048211	0.875208

31.74	13.15	15.44	13.7	-1.28658	2.79E-24
0.45	0.27	0.09	0.26	-0.68936	0.294435
0	0	0	0	NA	NA
0.01	0	0.03	0.13	0.37509	0.616969
103.93	57.04	59.67	58.81	-0.6722	1.21E-17
0	0.01	0.01	0.01	NA	NA
7.63	7	6.74	7.79	0.104028	0.646745
176.56	141.27	144.25	155.74	-0.26026	0.001348
0	0	0.03	0	NA	NA
7.8	8.34	8.69	7.75	0.16269	0.369321
14.84	22.19	17.85	20.35	0.315619	0.009993
12.71	24.26	20.42	21.68	0.562602	1.80E-08
0.02	0.15	0.09	0.12	NA	NA
12.15	13.27	12.68	13.64	0.080017	0.626917
49.18	36.43	39.81	43.09	-0.25962	0.004491
6.93	5.98	6.14	5.67	-0.09822	0.658595
600.6	643.96	624.36	618.93	-0.07687	0.456633
8.55	8.74	7.64	8.77	0.029055	0.878589
0	0	0	0	NA	NA
0.48	0.14	0.18	0.22	-0.29514	0.595673
2.37	2.4	2.65	3.46	-0.12853	0.781272
0.03	0.22	0.02	0.02	NA	NA
232.74	270.11	234.49	257.46	0.198483	0.054711
0	0	0	0	NA	NA
1.31	0.89	1.21	0.87	-0.3948	0.333214
28.73	30.84	32.26	30.04	0.35174	0.000389
28.53	46.92	38.76	39.45	0.277275	0.061286
213.58	185.21	194.97	191.03	-0.14361	0.122751
7.94	7.64	7.54	6.52	-0.04618	0.791573
0.09	0.23	0.22	0.06	-0.54644	0.293318
3.47	3.5	3.87	3.45	-0.16348	0.373934
7.01	13.64	7.88	10.49	0.490369	0.002051
31.23	35.47	32.17	35.65	0.10043	0.466968
47.48	40.84	43.64	39.76	-0.15368	0.254064
15.44	17.62	15.91	17.53	0.245454	0.035086
0.15	0.14	0	0.15	NA	NA
57.8	38.99	38.53	35.22	-0.59838	1.36E-08
0.14	4.48	0.38	1.89	1.444379	0.012213
12.64	13.58	12.35	15.41	-0.20671	0.085511
5.13	3.09	2.28	2.57	-0.7174	6.49E-06
194.78	158.29	166.06	159.25	-0.30295	4.46E-05
30.36	28.86	32.95	28.96	-0.14604	0.299656
9.24	8.36	6.74	7.55	-0.09969	0.478308
7.13	4.99	7.6	7.18	-0.36973	0.132256
53.09	46.69	45.49	42.63	-0.172	0.091082

0.49	1.23	1.18	1.56	1.240375	0.000105
2.64	6.01	4.7	5.4	0.905041	4.32E-10
306.94	239.01	324.1	303.5	-0.03038	0.854111
6.63	8.38	9.94	12.2	0.498605	1.76E-08
7.83	5.76	7.19	6.34	-0.27496	0.058993
3.81	2.52	2.61	2.27	-0.34419	0.242246
8.65	12.62	9.74	13.55	0.341638	0.017914
1.37	0.96	1.18	0.84	-0.6972	0.088281
14.27	9.13	10.95	10.8	-0.45624	0.000519
35.81	22.3	26.45	26.91	-0.57419	2.40E-09
0.24	1.22	0.76	1.09	1.763872	6.45E-05
0.1	0.11	0.16	0.07	NA	NA
5.91	4.76	3.45	3.25	0.061157	0.871669
9.27	10.94	10.99	11.64	0.069782	0.707392
0	0	0	0	NA	NA
4.15	0.59	1.2	1.2	-1.69119	4.38E-14
0	0	0	0	NA	NA
1.97	1.12	1.66	1.33	-0.21518	0.581211
32.16	38.52	33.22	34.01	0.088564	0.52485
0	0	0.05	0.07	NA	NA
0	0	0	0	NA	NA
2.51	3.74	3.67	4.36	0.587711	0.010923
0.07	0.65	0.14	0.32	1.619404	0.005803
11.9	15.6	15.23	15.22	0.091067	0.496155
0.14	0	0	0	NA	NA
3.55	2.56	3.21	2.37	-0.2142	0.409054
17.46	68.04	41.94	55.45	1.56653	1.78E-32
0.06	0	0.1	0	NA	NA
0.25	0.23	0.55	0.38	0.41348	0.364236
2.64	2.93	2.92	1.95	0.146314	0.642035
3.27	3.34	3.28	3.64	-0.07638	0.787231
90.13	77.23	73.01	77.89	-0.31442	0.000198
3.85	5.35	6.16	5.03	0.141709	0.441316
31.69	30.15	28.5	29.45	-0.08241	0.493413
0	0	0	0	NA	NA
0.01	0.42	0.25	0.07	0.206406	0.810333
33.73	86.36	74.28	81.17	1.167774	4.52E-42
80.77	81.39	78	77.76	0.017528	0.876492
13.23	10.22	10.81	10.26	-0.3624	0.000809
7.18	11.01	8.47	11.89	0.663371	1.55E-05
0.04	0.03	0.03	0.08	NA	NA
107.86	119.77	124.84	112.39	0.061453	0.591325
0	0	0	0	NA	NA
27.25	26.35	24.68	25.92	-0.12343	0.265038
16.87	17.48	17.03	15.62	-0.08064	0.613921

0	0	0	0.16	NA	NA
0.34	0.92	0.66	0.68	1.930167	2.87E-06
51.8	30.82	36.4	33.13	-0.71097	3.04E-14
24.59	33.9	28.24	31.69	0.255267	0.030733
4.81	5.17	6.49	6.36	0.361555	0.018551
12.31	15.83	12.89	13.21	-0.07091	0.661653
36.01	30.84	31.31	32.8	-0.23196	0.019177
60.47	58.1	51.16	51.44	-0.09203	0.455955
9.02	12.26	12.82	10.11	0.405757	0.005523
0	0	0	0	NA	NA
28.27	22.69	23.46	22.85	-0.26708	0.008966
0.5	0.18	0.09	0.14	-0.44698	0.506437
0	0	0	0	NA	NA
0.2	0.01	0.01	0.02	-0.98237	0.10619
14.27	13.74	15.14	14.83	-0.01345	0.937243
5.58	3.66	4.42	4.24	-0.40636	0.045149
0	0.02	0.01	0.04	NA	NA
0	0	0	0	NA	NA
3.3	3.45	4.11	3.87	0.119998	0.320877
0.12	0.22	0.73	0.17	0.028858	0.975638
12.87	14.76	14.11	12.18	0.086651	0.626917
7.63	11.87	8.69	9.2	0.160557	0.261921
5.34	10.24	8.72	10.51	0.573161	0.000389
11.11	24.46	22.54	23.38	0.962834	6.17E-21
0.27	1.06	0.88	0.57	1.333664	8.85E-05
1.11	0.9	1.29	0.89	-0.42101	0.451928
10.21	9.13	9.75	7.28	-0.38088	0.046311
22.98	23.77	26.62	26.5	0.171279	0.20522
0.21	0	0	0	NA	NA
235.06	170.48	272.81	222.49	-0.01532	0.944131
20	21.2	22.69	17.76	0.11272	0.556567
71.25	82.37	78.08	77.59	0.126621	0.162348
47.44	54.37	53.82	54.99	0.149064	0.069206
58.76	90.02	79.21	83.8	0.571154	1.60E-12
10.97	10.36	10.05	10.54	-0.22744	0.025362
8.06	9.17	8.21	10.51	0.068172	0.711017
0	0	0	0	NA	NA
3.4	4.65	4.98	5.49	0.20889	0.422604
0	0	0	0	NA	NA
33.02	33.83	31.83	31.83	-0.07238	0.589609
0	0	0	0	NA	NA
4.88	6.62	6.91	6.85	0.185405	0.332545
1227.55	972.91	1019.56	986.83	-0.4078	5.21E-09
77.42	84.93	81.75	84.43	-0.02035	0.900284
15.5	18.42	15.41	18.78	0.143479	0.169106

1.76	2.04	1.83	2.39	-0.16031	0.626917
34.89	34.85	31.74	35.56	-0.13411	0.271266
61.7	69.3	65.97	68.22	0.037647	0.80335
27.34	31.41	31.91	32.78	0.185871	0.067648
9.36	5.75	9.04	6.87	-0.17918	0.356967
5.88	5.45	4.62	5.3	-0.25455	0.181298
26.29	30.25	25.15	30.27	-0.00782	0.957971
0	0	0	0	NA	NA
24.88	24.03	23.27	24.91	-0.04321	0.797417
4.45	6.83	5.46	5.8	0.207723	0.190886
3.88	3.06	5.09	2.75	-0.46329	0.06987
0	0	0	0	NA	NA
15.06	61.31	46.03	58.46	1.734837	1.72E-39
15.68	14.88	15.57	15.79	-0.00156	0.994947
6.64	6.3	6.09	6.74	-0.14864	0.3249
0.14	0	0.21	0.33	NA	NA
0	0	0	0	NA	NA
7.48	6.91	6.65	6.42	0.033401	0.872579
26.25	25.32	27.26	27.6	-0.08986	0.530145
6.68	9.87	9.29	11.32	0.376242	0.04403
0	0	0	0	NA	NA
5.55	4.86	5.4	5.05	-0.07044	0.787231
0	0	0	0	NA	NA
9.07	4.53	8.06	5.82	-0.4483	0.025316
0	0	0	0	NA	NA
6.69	5.69	5.86	6.17	-0.27117	0.085207
17.58	21.84	18.65	17.29	0.197039	0.203888
11.27	6.45	8.33	5.84	-0.12008	0.366495
0	0	0	0	NA	NA
16.55	16	15.48	16.02	-0.31049	0.001702
75.69	60.38	63.04	62.4	-0.23909	0.012597
0	0	0	0	NA	NA
0.31	0.32	0.47	0.43	0.409882	0.558353
17.93	14.97	16.8	16.28	-0.18811	0.19949
10.86	10.44	9.44	10.3	-0.13904	0.267268
0.07	0.08	0.04	0.08	-0.10923	0.903611
0	0.14	0	0	NA	NA
0.55	0.65	0.72	0.49	-0.08562	0.88983
53.18	51.63	58.63	62.43	-0.00249	0.986402
36.6	62.1	53.49	57.46	0.447398	6.14E-05
90.29	93.01	87.33	91.35	-0.01437	0.904541
0	0	0	0	NA	NA
8.98	7.56	5.98	7.17	-0.07948	0.668133
12.79	19.39	17.43	18.94	0.429483	0.006269
34	38.11	37.81	45.66	0.178355	0.08638

0.68	0.8	0.82	1.01	0.461369	0.16179
23.55	22.8	21.45	18.15	0.041703	0.768326
3.82	1.91	2.78	2.61	-0.88459	0.000828
14.68	11.67	10.24	12.25	-0.46767	0.004279
0.68	0.15	0.23	0.77	-0.11812	0.844022
37.46	50.75	46.36	48.87	0.296493	0.000404
9.1	15.23	12.51	15.9	0.838995	1.68E-09
12.88	9.24	12.17	12.48	-0.04832	0.876755
27.33	29.87	29.39	28.03	0.119623	0.31894
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0.04	0	NA	NA
2.2	2.13	2.07	2.4	-0.17738	0.415861
4.36	7.11	5.57	6.47	0.426846	0.002336
21.95	12.05	17.1	15.81	-0.70609	2.13E-08
27.88	21.55	28.28	27.71	-0.04619	0.800219
0.41	0.3	0.45	0.39	-0.85319	0.027881
10.77	15.42	13.69	17.08	0.48247	0.000826
10.87	12.07	9.64	12.42	0.010682	0.957971
27.22	32.95	36.37	34.04	0.002941	0.986402
113.5	18.04	54.13	23.52	-1.56158	9.21E-05
7.59	4.67	6.45	5.98	-0.60724	0.000917
0.03	0.04	0.04	0.1	-0.4021	0.597269
0.37	0.27	0.4	0.12	-0.72413	0.19126
2.42	3.43	3.2	3.24	0.10572	0.73659
25.25	16.34	17.4	17.81	-0.47098	1.72E-07
66.75	59.25	66.54	65.57	-0.25239	0.027506
0.39	0.67	0.33	0.67	0.059118	0.947581
0	0	0	0	NA	NA
24.35	13.78	20.69	17.22	-0.61361	1.05E-05
1.62	2.01	2.48	2.18	0.033717	0.944571
119.28	120.58	124.66	119.6	-0.08434	0.430415
0.45	0.17	0.22	0.19	-1.43125	0.008615
124.35	159.03	176.65	173.83	0.335754	0.000223
0.07	0.06	0.05	0.06	-0.13644	0.87881
3.83	1.92	1.69	1.78	-0.74148	0.000913
6.75	4.84	6.6	5.37	-0.35999	0.091285
24.5	25.63	28.18	26.24	0.006346	0.972634
59.05	52.44	49.48	51	-0.09447	0.412954
59.73	61.84	65.45	57.25	-0.05678	0.754076
21.49	18.86	22.65	19.19	-0.09615	0.440549
12.5	12.35	13.65	12.65	-0.03612	0.860153
24.55	39.39	31.31	38.66	0.534606	5.03E-07
4.75	7.37	5.7	6.78	0.389326	0.00419

13.48	12.51	13.92	14	0.23878	0.029184
8.92	10.83	10.99	12.14	0.383953	0.002681
2.61	2.6	2.31	2.62	0.006926	0.986595
25.18	12.51	12.81	15.35	-1.01462	7.95E-19
0.15	0.02	0.04	0.07	-0.08255	0.930993
3.19	2.93	3.25	3.32	-0.0818	0.751428
0	0	0	0	NA	NA
34.08	38.3	41.26	42.14	0.046228	0.717625
7.81	7.54	8.55	8.08	-0.15183	0.367443
0.03	0.02	0.13	0.11	0.056723	0.950733
31.87	30.6	30.18	26.83	-0.13057	0.227187
0.09	0.06	0.01	0.09	0.495214	0.499873
4.48	4.61	5.72	5.27	0.058735	0.860392
28.96	30.67	31.41	30.05	-0.03858	0.776968
31.04	32.44	33.84	37.06	0.028425	0.852157
1.1	2.32	3.4	2.89	1.1847	4.78E-10
4.33	6.61	7.06	7.48	0.48293	0.000322
0.13	0.12	0.45	0.22	0.347405	0.660689
0	0	0	0	NA	NA
2.03	3.46	2.86	3.28	0.542293	0.056517
15.17	25.35	23.35	21.77	0.461976	4.08E-05
27.54	21.95	24.41	22.01	-0.32539	0.009158
13.6	13.72	14.86	14.3	-0.03068	0.841078
20.37	13.01	16.92	17.5	-0.65214	1.12E-10
0.18	0.19	0.12	0.11	NA	NA
30.14	43.27	36.36	34.47	0.267081	0.079393
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.15	0.2	0.33	0.934852	0.120512
799.05	929.88	839.66	861.23	0.062507	0.538851
220.17	284.44	286.19	287.69	0.245903	0.001654
41.64	48.81	49.03	49.91	0.280244	0.020821
0.92	1.63	1.1	2.18	0.610273	0.037967
0.83	0.89	0.92	1.07	-0.03522	0.959017
10.14	16.77	16.25	17.11	0.482557	0.000241
15.67	16.45	17.36	17.71	-0.14105	0.215995
9.26	14.15	11.53	13.53	0.173795	0.34086
37.79	38.42	33.44	39.12	-0.00871	0.948824
8.99	9.67	9.65	9.82	-0.03175	0.910474
0.01	0.96	0.35	0.63	1.529954	0.005721
0	0.04	0	0	NA	NA
1.51	2.09	1.86	2.09	0.301741	0.132392
75.97	75.81	92.16	84.5	0.009041	0.953655
2.2	2.92	2.52	2.63	0.236972	0.100261
0	0	0.06	0	NA	NA

26.61	26.88	30.84	28.98	-0.00935	0.966311
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
42.19	38.87	42.3	41.96	-0.10677	0.3076
6.8	6.47	7.66	8.28	0.168079	0.42978
12.12	18.47	14.36	17.25	0.351834	0.000971
0	0	0	0	NA	NA
9.29	8.37	7.85	8.52	-0.24266	0.102614
8.21	6.29	8.06	7.37	-0.31275	0.185456
0.62	0.78	1.14	1.38	0.05725	0.877875
12.14	10.55	12.66	10.08	-0.12787	0.524974
931.02	265.99	480.84	456.46	-1.24132	1.35E-06
5.76	3.1	2.83	4.38	-0.97281	3.22E-10
0	0	0.02	0.01	NA	NA
851.23	410.29	433.77	435.31	-1.03959	1.37E-57
0	0	0	0	NA	NA
13.39	25.06	22.73	27.85	0.856388	2.68E-19
113.77	100.45	114.25	106.97	-0.15432	0.147961
1130.38	744.14	748.96	779.58	-0.61195	5.04E-22
0	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0.06	0.03	0.06	NA	NA
33.69	55.47	46.16	48.96	0.472376	5.98E-06
11.93	14.6	13.84	12.85	0.28877	0.04109
619.51	635.88	649.21	666.66	0.046792	0.605614
6.24	3.54	3.19	2.79	-0.5997	2.31E-06
3.48	3.47	3.57	3.43	-0.05383	0.720173
49.32	62.42	62.91	63.22	0.213073	0.0203
0.07	3.77	1.37	1.81	2.617405	2.72E-08
278.57	355.11	365.35	347.73	0.302776	5.72E-05
37	30.53	27.93	27.43	-0.32366	0.001032
0.24	0.08	0.32	0.15	-0.2578	0.748426
0.05	0	0.07	0.05	0.100362	0.912317
8.38	10.65	11.36	13.44	0.044787	0.899594
0	0	0	0	NA	NA
13.09	8.98	8.48	9.74	-0.59575	2.37E-05
15.64	17.92	17.3	23.55	0.447519	0.000954
0	0	0	0	NA	NA
21.96	24.21	21.91	24.43	0.094972	0.483584
8.48	9.09	8.48	10.14	0.267138	0.101952
0.06	0.25	0.12	0.3	0.308377	0.675345
17.14	18.69	15.71	18.28	0.099221	0.576938
0.05	0.16	0.15	0.11	1.015368	0.110544
3.25	3.63	3.8	3.91	0.320999	0.013672
7.51	9.02	9.43	7.83	0.107212	0.605564

9.21	8.51	7.63	9.66	0.051901	0.85721
0	0	0	0	NA	NA
22.55	22.02	21.22	22.48	-0.1628	0.13942
9.86	5.85	6.8	6.55	-0.62477	6.48E-07
0	0	0	0	NA	NA
0.58	0.11	0.28	0.51	-0.57677	0.408031
71.49	84.91	74.89	76.8	0.076811	0.578108
0	0	0	0	NA	NA
0.02	0.1	0.13	0.07	0.295445	0.715789
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.71	1.85	3.45	2.24	0.128093	0.694087
0.5	0.37	0.26	0.21	-0.02706	0.977207
1411.32	1583.69	1433.75	1381.41	0.002402	0.986644
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1552.76	1411.19	1564	1377.16	-0.18041	0.023273
1.87	1.67	1.56	1.44	-0.4778	0.159808
29.94	34.12	30.71	33.46	0.125375	0.400736
0.07	0.09	0.15	0.13	0.676155	0.334022
93.49	160.65	121.28	134.08	0.470169	3.58E-06
2.64	2.45	2.61	2.97	-0.11234	0.63063
4.4	2.41	4.38	4.12	-0.61289	0.010967
38.84	25.96	30.82	33.7	-0.48574	2.28E-09
0	0	0.1	0	NA	NA
0.04	0.08	0.09	0.06	0.255949	0.75719
0.02	0	0.08	0.11	NA	NA
0	0.11	0.11	0.06	NA	NA
0	0	0	0	NA	NA
0.05	0.12	0.1	0.06	NA	NA
0.02	0	0.03	0	NA	NA
6.71	7.95	6.75	9.2	0.16366	0.284819
5.09	7.31	7.38	8.45	0.383328	0.029618
7.4	11.14	10.37	10.48	0.52851	0.000117
6.92	7.82	8.47	8.61	0.007364	0.977246
79.51	76.95	84.7	78.65	-0.03575	0.780318
0	0.05	0.01	0.03	NA	NA
213.35	431.83	438.67	408.58	0.722132	1.15E-16
0.39	0.21	0.35	0.46	0.528817	0.456106
1168.49	918.37	1039.75	899.52	-0.30208	0.000643
0	0	0.02	0.02	NA	NA
12.63	14.94	13.75	15.6	0.315267	0.182853
9.11	12.89	12.4	12.99	0.399404	0.000261
21.88	23.95	21.21	25.03	0.069262	0.557726
51.84	59.07	57.7	57.52	0.145661	0.259514

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	0.55	0.6	0.55	-0.21653	0.747211
9.61	6	6.97	6.86	-0.70707	2.28E-08
0	0	0	0.06	NA	NA
13.88	11.67	13.71	14.74	-0.01	0.960529
0.58	0.52	0.69	0.54	-0.20669	0.725022
20	19.34	18.07	18.76	-0.13722	0.198148
0	0	0	0	NA	NA
8.54	4.16	4.76	5.64	-0.85849	1.72E-10
220.15	145.02	174.64	183.46	-0.44999	2.09E-06
9.88	7.43	7.35	9.21	-0.48837	0.037939
75.8	71.55	75.23	68.45	-0.08403	0.439598
6.49	7.66	6.77	7.79	0.365613	0.022644
168.26	92.17	170.9	133.16	-0.30929	0.35875
11.66	8.47	8.41	9.69	-0.178	0.163163
22.49	18.98	18.39	21.55	-0.26235	0.019687
3.51	8.9	6.44	8.4	1.148062	1.06E-11
4.93	10.3	9.68	8.77	0.852962	6.70E-08
856.47	665.45	735.42	617.24	-0.37423	1.84E-05
0.44	0.08	0.27	0.05	-0.6688	0.338554
27.46	19.65	31.68	27.74	-0.18981	0.258772
0.32	0.76	0.37	0.79	0.829219	0.116174
5.18	7.36	7.1	7.82	0.450987	0.001058
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
38.55	51.19	39.73	43.72	0.262291	0.056966
0.09	0.72	0.14	0.33	0.519653	0.395445
0	0	0	0	NA	NA
3.75	3.09	4.58	5.65	0.082674	0.784567
0.79	0.25	0.23	0.27	-1.1625	0.025274
0.43	0.6	0.71	0.64	0.291562	0.379777
1.91	6.59	4	5.55	1.176802	1.11E-10
10.17	10.63	11.36	13.52	0.40357	3.86E-05
13.81	15.63	16.37	16.79	0.157546	0.180069
0	0	0	0	NA	NA
26.1	36.6	32.69	31.41	0.395749	0.000684
0	0.03	0.14	0.01	NA	NA
0.19	0.12	0	0.11	-0.47325	0.521762
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0.74	2.72	2.32	2.72	1.369802	3.92E-17
0.99	1.31	1.67	1.41	0.441672	0.060766
7.2	27.71	14.06	20	1.444603	1.47E-07

37.58	21.85	26.96	23.33	-0.71639	2.19E-13
3.68	7.5	6.85	6.73	0.705619	1.85E-05
14.47	19.61	16.77	18.49	0.012444	0.949887
10.62	7.8	7.96	8.58	-0.23268	0.215284
7.15	8.96	7.68	9.52	0.327161	0.005979
27.63	91.22	50.95	62.54	1.194912	6.28E-13
132.51	112.41	105.53	106.69	-0.2745	0.000644
33.33	47	39.36	44.94	0.270307	0.006558
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.57	1.21	1.47	1.62	-0.2476	0.452851
14.2	9.84	12.64	12.41	-0.32586	0.01357
54.82	52.63	49.26	47.02	-0.07874	0.549989
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.35	1.86	1.69	1.62	0.216705	0.154654
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.05	0.1	0.26	-0.69887	0.306414
126.44	100.82	113.56	100.67	-0.29916	0.00218
0.03	0.1	0.15	0.04	NA	NA
13.69	14.32	14.96	14.4	0.137474	0.346395
0.08	0.39	0.29	0.81	0.946724	0.097263
65.23	64.36	63.82	60.29	-0.0531	0.70361
8.37	10.39	10.67	12.1	0.026987	0.922596
0.6	0	0.06	0	NA	NA
0.18	0.08	0.02	0.15	NA	NA
13.43	2.22	2.19	2.87	-2.24563	7.14E-32
108.51	92.76	101.25	87.26	-0.11585	0.282385
44.67	59.68	52.86	55.92	0.420125	0.001171
0.2	0.09	0.1	0.33	-0.14648	0.86967
10.11	11.19	9.23	9.73	0.076863	0.719609
0	0	0	0	NA	NA
29.19	25.14	22.4	25.87	-0.08735	0.549425
0.03	0.03	0	0	NA	NA
11.75	18.62	13.73	14.21	0.426603	0.00852
22.09	24.25	23.31	20.38	-0.10195	0.62424
2.37	2.71	2.83	2.58	0.024439	0.931326
0	0.02	0	0	NA	NA
11.78	15.52	14	13.2	0.107387	0.483343
140.4	74.46	108.6	92.29	-0.69177	4.04E-08
138.1	165.02	165.7	169.53	0.206618	0.005766
18.17	15.38	15.71	18.09	0.000756	0.996287
10.1	10.55	8.04	10.62	-0.10333	0.5122
0.29	0.31	0.16	0.14	-0.28897	0.693665

35.91	30.35	28.81	33.66	0.116066	0.294481
0.04	0.69	0.39	0.49	2.454243	8.02E-07
91.51	29.68	65.69	46.57	-0.79884	0.011059
12.56	9.99	12.48	11.56	-0.14937	0.315136
10.53	14.25	16.67	14.99	0.345219	0.097584
1.84	0.24	0.96	0.45	-1.5631	3.65E-06
7.28	7.32	8.15	7.27	-0.16055	0.370854
0	0.06	0.08	0	NA	NA
3.7	2.42	3.63	2.52	-0.47957	0.022553
21.39	23.43	23.66	24.34	0.087416	0.506933
171.6	160.95	166.1	169.52	-0.15508	0.063583
6.23	8.63	7.9	7.66	0.092132	0.554834
5.69	8.09	8.39	7.39	-0.04084	0.866298
0.06	0.07	0.08	0.01	-0.57401	0.422515
5.59	7.13	6.49	8.11	0.181463	0.148634
12.92	8.72	11.39	10.71	-0.20488	0.125608
28.11	22.47	25.73	24.39	-0.14083	0.25321
61.73	117.53	91.13	101.16	0.643731	1.40E-11
209.76	125.12	141.58	132.06	-0.71278	4.18E-19
10.68	13.34	10.05	10.43	-0.0474	0.817106
21.23	24.51	26.05	23.28	0.007023	0.96662
24.99	20.3	22.09	25.07	-0.18559	0.087563
10.54	8.64	8.4	6.98	-0.11584	0.557914
8.25	4.39	6.83	4.91	-0.63308	0.000314
0.67	0.03	0.02	0	-1.51921	0.010467
47.58	14.64	23.4	16.37	-1.51026	4.53E-28
86.9	96.72	89.8	98.28	0.161978	0.081069
45.26	57.78	54.5	60.24	0.171006	0.094515
7.67	4.62	5.03	5.77	-0.5951	0.040458
2.3	1.93	2.19	2.42	-0.35915	0.098044
22.2	20.33	19.61	22.76	0.022808	0.912706
30.2	33.62	30.64	36.37	-0.08181	0.452939
19.07	19.43	19.21	20.56	-0.03548	0.797094
2.24	2.78	3.1	5.08	0.156049	0.627366
0	1.57	0.56	1.25	0.399475	0.590736
0	0.15	0	0.18	NA	NA
10.56	9.12	11.22	8.45	-0.27808	0.053391
3.89	3.51	4.6	4.15	0.145266	0.50607
1.81	3.35	2.18	2.87	0.631903	0.000463
0	0.01	0.01	0	NA	NA
0.1	0.04	0.51	0.28	0.214292	0.795652
5.55	12.88	9.44	11.67	0.881199	1.00E-08
27.34	22.35	25.41	22.81	-0.25219	0.030219
5.75	2.77	2.78	3.15	-0.9297	1.53E-10
1.06	7.49	3.64	5.93	2.328631	7.71E-07

3	2.6	2.58	2.47	0.23033	0.516593
11.91	11.21	13.78	11.2	-0.08595	0.649086
0.26	0.15	0.1	0.08	-0.16266	0.854379
7.7	12.22	11.68	10.58	0.634933	6.31E-07
0.62	2.7	1.88	2.48	1.043227	0.00052
9.61	15.61	16.8	14.14	0.424042	1.71E-05
33.79	47.91	42.37	45.62	0.298843	0.000181
0.01	0	0	0	NA	NA
0	0	0	0	NA	NA
51.49	56.73	59.39	58.34	0.165879	0.055613
60.45	74.36	63.4	64.45	0.057294	0.694326
238.08	314.58	296.97	272.38	0.302071	0.0005
0	0	0	0	NA	NA
112.97	132.03	132.68	134.2	0.182248	0.02473
0	0	0.01	0	NA	NA
33.57	28.04	28.86	29.57	-0.20334	0.125861
28.93	11.31	15.54	14.84	-1.07105	3.10E-19
0	0	0	0.16	NA	NA
66.4	60.68	66.55	61.98	-0.1264	0.159534
51.05	56.8	50.57	52.26	-0.04137	0.750576
38.23	42.17	39.22	40.71	-0.05919	0.701112
6.82	8.34	6.56	5.93	0.030572	0.924712
2.79	4.26	4.11	4.28	0.182333	0.560786
0.26	0.03	0.28	0.16	-0.33873	0.669911
0.04	0.23	0.05	0.03	0.03716	0.967875
91.74	141.13	119.71	126.98	0.444013	3.79E-07
6.5	7.28	7.82	8.47	0.287787	0.015534
43.4	60.61	55.35	61.03	0.345163	0.000407
12.51	15.04	14.72	17.93	0.260813	0.077991
15.33	15.42	13.6	14.83	-0.31509	0.001038
0.03	0	0	0.05	NA	NA
1.38	1.06	1.69	2.41	-0.28218	0.350163
0	0.01	0	0	NA	NA
0	0.07	0.04	0	NA	NA
5.74	6	5.63	6.16	-0.01833	0.958712
115.01	114.59	139.13	131.05	0.065997	0.610298
5.15	6.17	4.27	5.03	0.068844	0.80335
12.65	14.59	16.47	14.54	0.072276	0.67024
4.72	4.31	4.57	4.55	-0.29897	0.003846
0.09	0.13	0.06	0.07	0.166833	0.845973
34.62	40.05	37.3	50.09	0.302136	0.00126
40.74	42.13	45.33	41.5	0.032984	0.845043
13.49	11.64	13.41	13.71	-0.27737	0.059161
74.55	88.23	82.9	80.67	0.33028	0.001566
5.76	3.59	4.34	4.78	-0.18791	0.385069

3.12	5.96	4.96	5.22	0.787811	1.95E-07
32.35	41.62	45.17	41.11	0.274171	0.00405
9.47	10.76	9.8	9.85	0.322731	0.008667
156.54	281.66	230.28	241.47	0.568403	2.69E-10
0.29	0	0.13	0.02	NA	NA
30.37	31.53	34.11	30.94	0.3202	0.003603
7.85	6.76	6.4	5.73	-0.29461	0.014188
141.46	154.94	155.58	155.28	-0.00727	0.959486
11.79	10.37	10.83	11.34	-0.23679	0.005042
9.95	20.37	17.19	18.08	0.970833	1.64E-16
7.02	7.32	8.16	7.38	-0.00556	0.986207
36.33	39.6	29.88	30.38	0.112994	0.417889
19.33	14.97	15.93	14.93	-0.53048	3.63E-08
9.46	6.46	6.6	6.42	-0.47522	0.002685
18.47	26.6	23.61	24.92	0.240683	0.063896
6.16	7.57	6.62	8.81	0.144975	0.426494
0.95	3.37	2.52	3.33	1.680524	2.36E-15
73.3	42.2	47.96	44.1	-0.66435	5.92E-14
0	0	0.03	0	NA	NA
7.72	7.96	7.06	6.05	-0.24219	0.114362
4.93	1.64	2.4	2.91	-0.78138	0.000537
17.32	7.27	14.56	10.44	-0.26652	0.516105
1.49	0.29	0.8	1.54	-1.19919	1.13E-05
0.08	0	0	0.03	NA	NA
0	0	0.01	0	NA	NA
18.14	25.91	29.49	27.36	0.383701	0.00203
6.19	0.79	0.79	0.6	-2.97165	2.34E-40
0.01	0	0	0	NA	NA
193.72	282.61	247.98	246.81	0.354362	4.90E-05
8.1	20.19	14.03	17.04	0.998755	1.82E-12
0.04	0.06	0.13	0.05	NA	NA
14.62	16.11	15.35	12.86	0.028561	0.877298
13.78	6.71	8.93	7.9	-0.5087	0.000149
2.29	1.61	1.38	1.69	-0.50016	0.205092
0	0	0	0	NA	NA
11.92	5.82	6.73	5.99	-0.95213	7.98E-18
163.97	182.03	188.97	178.34	0.112438	0.226087
0.36	0.34	0.35	0.32	-0.12383	0.881974
742.02	625.7	727.18	594.89	-0.21714	0.033208
4	4.64	4.82	4.94	0.186097	0.383483
7.12	8.37	7.6	9.68	0.158952	0.321793
0	0	0	0	NA	NA
8.16	9.9	9.25	10.65	0.349046	0.001153
4.97	6.13	5.58	5.58	0.032087	0.889228
36.15	55.13	50.7	52.69	0.325618	0.025829

0	0	0.01	0	NA	NA
21.16	45.33	38.88	40.04	1.187872	2.29E-30
0	0	0	0	NA	NA
0	0	0	0	NA	NA
26.98	32.57	29.1	28.03	0.064408	0.631601
5.37	4.53	5.45	5.57	-0.18678	0.307416
35.5	36.37	35	36.78	-0.11883	0.20585
19.85	18.3	17.39	16.47	-0.13585	0.354921
0.88	0.76	0.3	0.8	-0.40639	0.49779
11.64	14.44	10.92	10.13	0.161519	0.617064
0	0	0	0	NA	NA
15.83	9.84	10.05	10.52	-0.61688	1.41E-11
6.6	5.44	5.21	5.12	-0.09847	0.623698
41.13	30.51	34.54	32.25	-0.36566	2.73E-05
0.28	0	0	0	NA	NA
8.41	9.59	9.75	10.34	0.081816	0.710129
0	0	0.01	0	NA	NA
4.38	2.79	3.25	3.94	-0.18345	0.461301
1.25	0.88	0.97	0.73	-0.61558	0.067969
1.52	0.59	0.89	0.77	-0.25564	0.561112
22.3	23.33	25.23	24.75	0.128109	0.335944
0.03	0.02	0.07	0.12	NA	NA
3.3	2.02	2.1	1.9	-0.73496	0.011298
0	0	0	0	NA	NA
11.92	6.91	8.11	7.27	-0.48515	0.008513
44.82	112.1	100.45	99.62	1.268437	NA
16.95	5.08	8.35	5.85	-1.38627	3.88E-20
0	0	0	0	NA	NA
8.44	3.68	5.98	3.37	-1.02591	1.96E-10
5.69	2.98	2.98	2.99	-0.37733	0.230098
0	0	0	0	NA	NA
0.05	0.02	0.11	0.04	NA	NA
3.04	1.06	1.65	1.23	-1.57114	8.34E-07
0.29	1.05	0.72	1.34	0.788896	0.178726
0	0.01	0.04	0.03	NA	NA
33.61	38.13	35.9	36.8	0.12273	0.230142
0	0	0	0	NA	NA
8.1	7.64	6.98	6.04	-0.30149	0.031182
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
8.02	8.2	7.81	9.64	0.231082	0.135219
7.94	8.5	8.46	8.6	0.213716	0.104775
0.34	0.03	0	0	NA	NA
9.97	4.72	4.97	4.81	-0.83553	3.17E-12
0.07	0	0	0	NA	NA

0	0.21	0	0 NA	NA
15.49	7.82	9.32	12.02 -0.49375	0.002735
14.77	11.77	16.52	11.84 -0.05013	0.806095
0	0	0.05	0 NA	NA
0.27	0.05	0.29	0.15 -0.79518	0.181341
0.15	0.14	0.11	0.06 NA	NA
1.25	3.34	1.86	1.82 0.931838	0.00703
7.83	7.03	6.71	6.9 -0.07059	0.611421
2.85	1.38	1.96	1.61 -0.56495	0.144607
9.03	21.01	14.15	19.16 0.762687	1.41E-05
3.43	2.78	3.04	2.62 -0.38343	0.013843
55.27	66.16	64.52	58.69 0.134501	0.175739
0.68	0.8	0.62	0.78 -0.25167	0.720766
5.29	5.93	5.39	6.38 -0.0737	0.72924
0.46	0.47	0.47	0.48 -0.05132	0.938824
0	0	0	0 NA	NA
0.12	0	0	0.13 NA	NA
3.53	3.6	3.59	4.42 -0.1382	0.358866
6	7.65	6.59	6.08 0.29626	0.095296
10.42	7.37	7.69	8.28 -0.73242	5.40E-05
0.11	0.03	0.04	0.03 -1.823	0.000203
44.88	36.12	40.89	34.27 -0.29948	0.004995
0.01	0	0.01	0.01 NA	NA
7.87	8.82	7.14	6.9 -0.02731	0.896069
0.12	2.89	1.71	3.88 2.707173	5.58E-14
0	0	0.02	0.01 NA	NA
0.85	2.7	1.32	1.27 0.592524	0.207215
0.28	0	0.08	0.17 -1.9108	0.000343
3.31	4.65	4.46	5.13 0.127709	0.59338
15.62	13.72	14.48	16.72 -0.09922	0.549966
6.57	5.95	5.54	4.98 0.154014	0.450242
0	0.1	0	0 NA	NA
0.8	2.06	1.43	0.9 0.012082	0.981184
5.41	5.55	5.02	4.59 0.065698	0.846329
20.16	24.41	19.23	23.76 0.213712	0.068365
23.15	27.49	29.18	24.58 0.269946	0.020218
52.86	62.1	63.85	59.87 0.09612	0.332296
54.95	68.31	65.11	66.76 0.145003	0.157695
11.99	14.51	16.26	14.6 0.307601	0.012871
3.05	1.59	1.62	1.9 -0.75196	1.55E-05
6.49	7.29	7.73	7.02 -0.10738	0.570299
21.51	33.61	27.12	28.79 0.414611	0.000808
0.54	0.28	0.54	0.28 0.072546	0.921811
8.25	8.9	7.84	10.1 0.164651	0.260331
0.07	0.03	0.02	0.02 NA	NA

14.05	13.49	12.6	15.11	0.00901	0.967323
10.58	4.16	8.48	8.05	-0.29805	0.464212
0.12	0.06	0.08	0.09	-0.59764	0.359906
6.26	2.38	6.5	2.73	-0.57772	0.005141
2.82	1.64	1.9	1.61	-0.79473	0.000375
0.04	0.02	0.03	0.02	NA	NA
0	0	0	0	NA	NA
1.85	12.19	7.7	9.61	2.253048	7.24E-37
12.04	15.68	14.95	14.25	0.191513	0.181375
0.26	0.01	0	0.1	NA	NA
0.04	0	0.11	0.23	0.115171	0.896404
16.86	22.97	19.2	19.52	0.34387	0.000473
12.77	9.36	11.19	11.77	-0.18917	0.179223
6.6	1.81	2.57	2.22	-1.51845	1.67E-16
8	7.17	7.72	6.91	-0.22064	0.081655
0.56	0.18	0.02	0.08	-1.71664	0.001001
852.43	741.67	780.44	709.5	-0.29772	0.000217
8.95	14.16	12.8	14.41	0.586917	1.35E-09
4.43	1.23	1.55	1.95	-1.41839	1.71E-19
8.5	8.36	8.39	6.1	-0.18057	0.321238
7.82	7.73	8.21	9.09	0.010061	0.974646
24.86	25.1	32.24	24.31	0.005154	0.977207
71.66	55.06	55.53	53.41	-0.34002	7.12E-05
11.14	17.6	14.91	16.75	0.438697	2.08E-05
6.86	21.56	17.64	22.82	1.609582	1.68E-39
0	0	0	0	NA	NA
7.81	0.47	4.69	3.9	-0.03508	0.966586
6.46	6.39	6.2	7.04	0.002084	0.991515
0.07	0.19	0.24	0.44	0.22875	0.736982
49.78	82.99	77.44	90.38	0.792654	3.78E-20
47.01	34.23	38.63	41.22	-0.35274	6.44E-05
9.72	5.1	4.29	3.8	-0.78276	7.08E-11
0	0.1	0	0	NA	NA
0.53	0.07	0.19	0.14	-2.012	2.37E-08
21.55	23.37	24.3	24.8	0.156009	0.176934
9.63	6.96	7.97	6.34	-0.32007	0.05912
0.32	0	0.08	0	NA	NA
1.26	0.64	0.52	0.77	-0.56324	0.256375
7.29	11.46	11.26	12.42	0.573508	1.02E-05
1.64	1.7	1.95	2.01	0.423475	0.120624
0	0	0.06	0	NA	NA
32.06	38.75	41.39	42.13	0.235988	0.027566
0	0	0	0	NA	NA
2.13	3.04	2.86	2.66	0.660689	0.01182
18.24	38.49	26.26	26.53	0.665805	1.39E-07

0.04	0	0	0 NA	NA
0.43	0.73	0.45	0.73 0.674023	0.206742
0.02	0.03	0.03	0.22 -0.31066	0.697
35.57	41.31	39.29	37.57 0.156192	0.162132
0.01	0	0.02	0.01 NA	NA
2.86	4.05	3.3	3.67 0.316558	0.070963
4.49	3.48	3.46	3.82 -0.49757	0.002794
3.85	8.65	5.57	6.56 1.2121	2.63E-13
0	0	0	0 NA	NA
0.2	0	0.5	0.58 NA	NA
11.91	8.76	8.4	10.93 -0.12039	0.251257
23.65	35.98	33.32	35.02 0.502107	6.39E-06
5.42	6.36	5.42	5.93 0.091727	0.596078
1.04	1.21	0.74	0.88 -0.63801	0.09643
14.18	15.27	14.39	14.13 -0.02626	0.887481
6.16	4.98	6.43	7.17 0.01715	0.953301
0.23	13.84	7.24	10.2 3.939481	1.38E-39
5.74	8.79	7.02	7.64 0.454016	0.000441
52.93	113.02	76.7	83.89 0.852183	8.72E-09
0	0	0.04	0 NA	NA
0.51	0.03	0.02	0.08 -2.27503	7.11E-06
0	0	0.12	0.03 NA	NA
0.36	0.13	0.38	0.23 -0.49855	0.49838
0	0	0	0 NA	NA
0.04	0.03	0.09	0.04 NA	NA
0	0	0	0 NA	NA
26.06	41.27	38.85	39.69 0.568668	2.28E-13
11.85	13.1	14.7	14.01 0.350673	0.004062
0	0	0	0 NA	NA
0.54	1.38	1.46	1.62 0.575331	0.161374
0.02	0.1	0.05	0 NA	NA
5.51	7.74	6.62	7.3 0.291984	0.027958
22.66	21.06	21.77	22.86 -0.13154	0.340893
0.12	0.06	0.22	0.25 0.006668	0.995104
4.01	3.1	2.82	2.77 -0.07901	0.848795
5.27	4.11	5.01	4.24 -0.18857	0.32261
10.21	1.51	3.41	2.23 -1.77669	2.61E-06
0.04	0.06	0.02	0.01 NA	NA
8.38	6.31	4.76	5.21 -0.9493	4.20E-16
11.47	21.18	19.3	20.89 0.884773	6.62E-07
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
17.28	11.03	12.63	9.94 -0.71887	2.56E-10
0.19	0.05	0.67	0.4 0.038444	0.968592
14.86	15.43	16.32	15.52 0.072819	0.652115

0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.5	2.12	2.3	2.91	0.099259	0.821129
4	2.79	3.91	3.91	-0.1937	0.302934
0	0	0	0.08	NA	NA
31.7	36.38	33.42	32.62	0.272096	0.049096
11	8.33	9.27	8.54	-0.16952	0.229832
42.58	17.35	21.82	17.41	-1.01738	1.06E-20
9.25	14.86	12.82	12.97	0.66784	7.30E-07
13.08	9.46	14.36	10.74	-0.1424	0.51098
3.24	1.29	1.14	1.06	-1.54295	8.70E-17
4.99	7.32	8.51	7.7	0.885725	7.14E-07
0.51	0.65	0.62	0.62	0.056345	0.891888
0	0	0	0	NA	NA
1.14	0.66	0.89	0.79	-0.20065	0.667419
14.55	12.15	13.69	13.75	-0.13316	0.454727
15.74	14.1	12.29	15.41	-0.0618	0.675672
18.43	21.79	18.92	20.89	0.194643	0.055815
3.24	4.77	4.24	4.12	0.248552	0.323387
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
835.85	672.82	759.11	644.84	-0.29269	0.001089
0	0	0	0	NA	NA
14.47	20.47	21.78	25.24	0.598423	7.00E-08
3.99	5.14	5.51	5.28	0.41225	0.021491
0	0	0	0	NA	NA
11.18	9.3	9.94	8.9	-0.25027	0.046465
0.2	0.07	0.14	0.07	NA	NA
21.23	22.17	27.08	20.83	-0.01592	0.945788
45.18	49.03	44.26	46.12	0.077108	0.469684
2.86	1.83	1.44	1.69	-0.72722	0.017232
0.37	0.46	0.27	0.33	-0.39535	0.593809
0.25	0.23	0.17	0.14	-0.52568	0.311237
4.93	2.92	3.47	4.09	-0.0067	0.979259
29.17	13.91	12.78	15.29	-0.74044	2.13E-21
0	0.05	0.07	0.05	NA	NA
1172.86	1016.01	1105.34	997.57	-0.27451	0.000868
6.51	2.92	2.66	2.31	-1.26805	4.12E-14
69.95	89.91	84.13	88.15	0.328305	0.000108
0	0	0	0	NA	NA
246.47	88.71	145.25	115.39	-1.10173	9.26E-18
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
12.14	11.46	11.54	11.81	-0.15599	0.186781
0.76	0.1	0.06	0.23	-0.73037	0.25995

28.47	79.8	47.57	61.74	1.246893	7.44E-23
24.53	15.27	14.68	16	-0.7461	3.24E-10
0	0	0	0.02	NA	NA
0	0.01	0.01	0	NA	NA
0.23	0.21	0.26	0.48	0.723895	0.292936
0.21	21.85	11.04	12.75	4.619111	4.59E-31
14.12	15.44	16.27	16.44	0.192416	0.078009
0	0	0	0	NA	NA
2.33	2.16	2.5	2.24	0.298012	0.3828
20.06	10.87	13.09	14.05	-0.30572	0.005629
316.45	456.34	508	474.19	0.58423	1.33E-14
4.54	4.77	4.97	5.31	0.225168	0.059161
2.79	2.97	2.83	4.09	-0.07057	0.832151
18.88	31.74	25.01	24.94	0.425707	0.000545
301.91	301.87	313.09	274.81	-0.07339	0.513751
10.02	12.26	8.3	9.52	0.301359	0.026579
0.11	0.16	0.68	0.7	0.610276	0.389605
3.55	6.2	6.05	6.53	1.042506	9.02E-08
12.87	36.1	26.56	30.66	1.464239	5.15E-32
5.93	7.17	8.51	7.56	0.323859	0.006059
6.57	6.95	8.5	6.89	0.043998	0.88325
29.92	26.1	27.83	27.56	-0.11079	0.405571
0	0	0.15	0	NA	NA
0.01	0	0	0.01	NA	NA
45.19	100	84	94	1.045737	6.04E-27
2.75	1.05	1.85	1.46	-1.23315	3.47E-17
0	0.22	0.15	0.26	0.700976	0.310576
0	0.07	0.2	0.23	NA	NA
0	0	0	0.03	NA	NA
16.72	18.64	17.11	18.62	0.327136	0.001303
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.42	143.05	119.72	138.95	2.537096	6.90E-186
0.32	0.02	0.07	0.08	-1.37875	0.01852
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
17.17	17.53	17.81	21.51	0.137979	0.277475
0	0	0	0	NA	NA
5.77	3.29	3.76	3.75	-0.80503	2.44E-07
0	0	0	0.06	NA	NA
50.94	106.8	98.86	110.93	0.951625	2.55E-29
39.67	45.09	40	48.48	0.387906	5.26E-05
4.28	2.86	3.36	2.86	-0.21102	0.342877
0.47	1.38	0.9	1.32	1.534223	1.19E-08

46.12	42.86	38.12	38.64	-0.04071	0.824304
10.53	9.64	9.4	10.49	-0.12689	0.463611
41.4	30.39	36.93	33.34	-0.25876	0.032205
0	0	0	0	NA	NA
0.75	0.57	1.85	1.45	-0.13337	0.715675
0.04	0.06	0.03	0.04	-0.33019	0.678253
2.76	2.16	2.95	2.72	-0.23814	0.459233
0.28	0.54	0.5	0.55	0.599924	0.079043
0	0	0	0	NA	NA
14.78	18.16	18.7	22.39	0.485289	0.001383
6.72	5.21	4.94	4.13	-0.34219	0.138579
3.03	2.68	4.5	3.67	0.16369	0.471764
3.2	2.68	2.92	3.05	-0.14429	0.557324
0.11	0.18	0.21	0.11	-0.21884	0.787427
0	0.05	0.04	0.02	NA	NA
0.1	0.1	0.36	0.27	0.41243	0.57729
37.3	44.4	43.39	40	0.026824	0.870603
0.99	1.62	1.4	1.37	0.01558	0.976227
0.47	0.15	0.63	0.26	-0.39961	0.423274
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.28	1.64	1.18	1.63	0.467088	0.24259
10.85	15.28	13.69	13.54	0.393024	0.000505
72.58	85.36	76.36	78.86	0.030183	0.859315
35.2	35.97	31.36	33.28	-0.23693	0.018376
0.27	0.39	0.62	0.41	0.55727	0.375419
115.58	107.96	128.09	126.48	0.034045	0.803351
11.06	13.79	12.14	14.36	0.307952	0.007699
9.2	8.31	8.92	9.37	-0.16578	0.22063
0	0	0	0	NA	NA
2.54	1.55	1.99	2.23	-0.02926	0.950976
4.16	5.04	6.22	5.35	0.234086	0.210945
48.87	71.7	60.75	67.48	0.387708	2.29E-05
1.73	0.17	0.3	0.18	-3.21703	7.01E-39
3.59	2.36	2.01	2.35	-0.42353	0.101304
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0.03	0	0.03	0.04	NA	NA
0.24	0.43	0.37	0.35	0.674069	0.068618
1.78	3.14	3.73	4.28	1.066451	6.04E-06
0	0.3	0.2	0.15	NA	NA
0.01	0	0	0	NA	NA

0.02	0.19	0.09	0.03	NA	NA
31.8	32.26	34.15	30.37	0.039659	0.746102
2.67	7.75	6.68	7.3	1.392552	3.44E-15
0	0	0.04	0	NA	NA
33.6	72.1	57.29	69.17	0.905903	6.89E-20
1.55	0.69	0.83	0.89	-0.54227	0.035551
4.96	5.11	5.11	5.29	0.096605	0.463639
0.16	0.08	0.02	0	-1.67206	0.003919
2.58	1.16	1.29	1.23	-0.58771	0.006184
0.38	0.06	0.31	0.35	0.044211	0.952797
0	0	0	0	NA	NA
54.03	62.97	60.33	62.39	0.130118	0.21869
0.41	0.43	0.35	0.35	-0.24379	0.593283
20.75	17.18	17.29	17.18	-0.23079	0.068044
0	0	0	0	NA	NA
1.9	1.85	2.05	1.94	-0.06088	0.876492
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.63	6.86	5.83	5.8	-0.23929	0.147782
0.14	0.63	0.61	0.65	1.701761	0.000835
9.35	2.8	4.93	3.69	-1.09915	6.11E-11
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
16.01	34.02	25.36	25.03	0.510178	0.004687
0	0	0	0	NA	NA
1.8	1.36	1.54	1.45	-0.43673	0.13071
0.31	0.33	0.42	0.62	0.511944	0.461606
3.15	0.39	0.97	0.83	-1.94197	5.77E-16
4.12	3.16	3.01	2.57	-0.39356	0.003797
10.47	4.74	5.6	4.46	-1.39668	7.86E-16
74.53	70.9	73.3	69.03	-0.14963	0.222791
1.46	1.88	1.46	1.35	-0.22363	0.652115
12.18	18.75	15.62	16.93	0.502289	8.25E-07
0.04	0	0	0	NA	NA
65.05	124.09	126.83	127.96	0.927806	4.45E-28
17.4	11.96	11.77	15.35	-0.40527	4.46E-05
0.42	0.21	0.52	0.26	-0.06216	0.944533
10.19	10.33	7.37	8.23	-0.13955	0.414993
1.11	2.75	4.93	3.75	1.565729	4.85E-12
0	0	0.08	0	NA	NA
0	0	0	0.01	NA	NA
27.13	34.62	33.86	35.5	0.250334	0.005406
32.95	25.09	30.42	24.75	-0.25066	0.065013
1.26	2.12	1.27	2.64	2.186254	1.82E-24

9.39	7.17	10.12	8.83	-0.07631	0.734024
7.25	5.33	7.15	5.49	0.14414	0.605852
9.17	11.43	8.56	8.4	0.208145	0.283554
3.06	3.61	3.41	3.47	0.17792	0.292004
0.02	3.69	1.3	3.34	2.298751	1.29E-05
0	0	0	0	NA	NA
28.12	32.76	34.89	40.42	0.303712	0.000516
0	0.04	0	0.05	NA	NA
0.7	0.91	0.75	0.51	-0.40523	0.393575
78.18	66.65	50.28	55.15	-0.51871	2.31E-05
4.58	6.29	5.66	5.87	0.264228	0.016052
0	0	0	0	NA	NA
0.05	0.18	0.1	0.03	NA	NA
0.23	0.12	0.19	0.35	-0.51812	0.467138
76.56	100.32	80.47	97.88	0.244717	0.011862
4.2	4.41	3.63	3.51	-0.09947	0.761272
0.1	0	0	0	NA	NA
20.72	18.55	22.07	17.2	-0.11585	0.476695
50.74	57.19	59.25	47.86	0.095812	0.367505
15.51	9.72	11.77	8.78	-0.58186	0.000269
0	0	0	0	NA	NA
2.05	1.3	1.32	1.43	0.019487	0.962964
4.02	2.51	3.28	2.82	-0.26332	0.261921
6.05	5.55	6.13	5.25	-0.06499	0.779498
0	0	0	0	NA	NA
6.86	11.68	7.98	10.18	0.635873	0.000735
11.87	9.08	8.7	6.74	-0.36799	0.004009
11.93	11.94	11.31	13.01	-0.05346	0.698064
12.47	13.14	13.07	14.24	0.038995	0.808189
19.67	27.03	24.4	28.56	0.316463	0.002377
0	0	0	0	NA	NA
4.81	4.66	4.67	4.61	-0.02738	0.917692
0.51	0.39	0.36	0.51	-0.33926	0.622614
0	0	0	0	NA	NA
3.4	3.05	3.73	3.64	0.030573	0.934923
6.71	6.74	6.68	7.52	0.052419	0.828345
14.8	14.07	17.32	15.65	0.096931	0.501512
0.09	0	0	0	NA	NA
5.55	5.05	4.93	3.93	0.152749	0.416045
0	0	0	0	NA	NA
3.68	2.94	3.73	3.28	-0.24493	0.21395
0	0	0	0	NA	NA
0.01	0.05	0	0	NA	NA
0.01	0.01	0.04	0	NA	NA
0	0	0	0	NA	NA

16.68	18.49	15.7	15.42	0.0108	0.956564
2.69	4.44	3.56	4.71	0.551659	0.001582
0.04	0.03	0.06	0 NA	NA	
18.26	26.11	22.82	23.79	0.281405	0.018452
23.63	11.73	12.56	12.11	-0.96901	2.00E-30
0	0.06	0.12	0.03	0.743958	0.27836
0.16	0.03	0.08	0.04	-0.74489	0.257584
9.84	15.04	13.08	15.78	0.57386	2.19E-07
4.65	5.88	4.79	5.02	0.160473	0.34808
0.32	0.34	0.26	0.49	0.221348	0.752803
117.05	198.43	166.53	181.23	0.565446	2.76E-11
0	0	0	0 NA	NA	
0.04	0.11	0.54	0.17	0.195328	0.813043
9.81	13.74	13.86	17.92	0.581036	1.27E-05
54.14	12.8	21.73	18.35	-1.61046	9.25E-33
0.04	0	0.06	0.07 NA	NA	
0.03	0.13	0	0.13	0.030325	0.97517
1.97	1.84	1.78	1.83	-0.01607	0.963961
1.44	5.24	3.67	4.03	2.042654	1.34E-13
5.93	5.96	6.54	5.26	-0.00275	0.994813
32.8	36.65	38.6	36.42	0.086571	0.559778
2.1	2.75	2.46	2.72	0.066577	0.79622
0	0	0	0 NA	NA	
12.68	8.98	11.19	9.46	-0.5094	5.07E-07
7.68	8.97	9.3	7.63	-0.08496	0.528371
0	0	0	0 NA	NA	
138.38	120.37	163.59	147.43	0.021373	0.862746
1.15	1.22	1.35	1.25	-0.37227	0.219967
0.15	0	0.04	0.07 NA	NA	
24.53	13.54	15.11	14.83	-0.75933	1.69E-07
0	0	0	0 NA	NA	
92.94	66.5	69.17	70.9	-0.41245	1.02E-08
31.03	28.73	30.71	30.39	-0.15082	0.170614
0.05	0.38	0.12	0.13 NA	NA	
0	0	0	0 NA	NA	
0.37	0.59	0.61	0.67	0.171963	0.771217
0	0	0.03	0.05 NA	NA	
0	0	0	0 NA	NA	
5.09	4.44	5.07	4.84	-0.01429	0.947
0.62	0.29	0.09	0.02 NA	NA	
0	0.17	0.08	0 NA	NA	
11.94	9.44	8.66	9.96	-0.483	0.002253
0.66	0.24	0.41	0.29	-1.26584	0.000535
0.11	0	0.02	0.06 NA	NA	
0	0	0	0 NA	NA	

22.39	9.3	9.81	8.6	-1.24004	4.05E-40
0	0.01	0	0.01	NA	NA
0	0	0	0	NA	NA
0.49	0.03	0.18	0.13	-1.78307	0.000576
0	0	0	0	NA	NA
71.55	54.6	62.26	61.3	-0.26867	0.001436
6.41	6.31	6.51	7.06	0.081888	0.696366
4.39	8.03	8.44	7.7	0.758223	6.00E-09
17.97	13.71	15.85	13.26	-0.14418	0.269833
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12	10.08	10.54	9.46	-0.24355	0.123616
2.52	1.4	1.37	1.62	-0.64854	0.001775
21.89	21.5	19.85	17.38	-0.15957	0.320028
2300.76	2087.64	2139.32	1948.04	-0.19651	0.013378
2.92	16.38	8.7	12.59	1.99489	1.58E-24
50.6	55.18	53.45	55.22	0.106981	0.305087
19.45	19.12	21.01	20.48	-0.00398	0.984202
6.96	7.87	7.47	9.64	-0.07909	0.72393
0	0	0	0	NA	NA
0.04	0	0.02	0	NA	NA
1.02	1.29	2.42	1.13	0.078075	0.890814
21.01	21.26	21.05	20.72	0.070794	0.676527
0	0.07	0	0	NA	NA
15.44	15.95	15.44	18.35	0.030347	0.85347
16.78	22.52	19.92	20.69	0.49452	2.30E-05
7.26	16.83	12.18	16.26	1.305349	6.64E-22
0.25	0	0.02	0	-1.74922	0.002572
19.39	15.8	23.94	17.2	-0.15206	0.34681
18.42	20.81	21.12	21.5	-0.12948	0.260035
0	0	0	0	NA	NA
0.01	0.08	0.06	0.01	0.317897	0.683775
0.15	0	0.2	0.12	NA	NA
2.58	2.23	3.08	3.45	-0.13772	0.720842
17.24	11.67	11.51	13.23	-0.33537	0.000363
39.24	38.22	36.74	35.2	-0.0705	0.622723
11.88	30.88	24.55	25.52	1.129956	4.78E-17
1.03	1.73	2.11	0.6	-0.3042	0.467753
16.93	18.38	15.08	18.01	-0.11451	0.294358
0.44	0	0.04	0.15	NA	NA
0	0	0	0	NA	NA
0.13	0.02	0.08	0.06	NA	NA
5.24	1.62	2.19	2.83	-0.69047	0.021587
17.83	30.18	25.58	22.23	0.445628	0.026647
0	0	0	0	NA	NA

9.41	9.43	8.36	6.95	-0.1978	0.427274
0	0	0	0 NA	NA	
11.88	12.39	12.55	12.27	0.048365	0.784269
1076.34	854.18	941.4	826.4	-0.35939	7.94E-06
0	0	0.03	0.08 NA	NA	
0	0	0	0 NA	NA	
0	0.42	0.36	0.26	2.006892	0.000335
0.43	0.05	0.19	0.15	-1.19453	0.028155
0.03	0.02	0	0 NA	NA	
45.97	51.12	54.84	57.95	0.411199	1.19E-05
11.61	26.81	21.2	25.75	0.897074	2.38E-14
8.52	9.78	8.61	10.24	0.36047	0.080898
0	0.27	0.04	0 NA	NA	
21.46	25.3	24.7	25.02	0.189548	0.216305
0	0	0	0.03 NA	NA	
153.94	143.89	152.15	144.95	-0.11298	0.280245
6.86	5.45	6.99	5.78	0.111903	0.608074
84.35	79.05	86.71	77.42	-0.04312	0.795493
13.94	14.14	16.18	13.45	-0.03998	0.876705
0.13	0	0	0 NA	NA	
0.12	0	0.03	0.05 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
11.63	11.77	10.62	11.91	-0.10698	0.570547
1.72	2.47	1.92	1.79	0.275511	0.303627
7.67	7.38	8.83	6.15	0.001403	0.997546
21.6	16.51	18.23	19.06	-0.34331	0.016797
46.85	20.31	25.69	25.52	-0.98182	4.39E-20
43.14	25.62	33.63	29.31	-0.61159	3.65E-10
24.07	25.89	24.81	25.9	0.054987	0.71417
25.57	20.8	23.76	25.54	0.006626	0.964931
0	0	0	0 NA	NA	
188.21	39.9	50.9	45.36	-2.1659	1.39E-127
0.07	0	0	0 NA	NA	
4.1	4.46	3.4	3.35	-0.22973	0.148353
22.2	14.27	19.71	18	-0.33002	0.032721
0	0	0	0 NA	NA	
69.4	26.92	37.4	37.56	-1.01775	1.08E-14
1.85	5.3	3.15	3.49	1.018867	1.84E-05
0	0	0	0 NA	NA	
8.64	10.67	11.32	11.31	0.286851	0.067453
3.84	2.46	3.02	2.86	-0.46299	0.004548
48.01	34.73	40.63	35.68	-0.38651	9.74E-05
12.6	16.24	18.11	14.82	0.229673	0.151781

4.47	2.17	2.02	2.35	-0.62387	0.00022
0.02	0.07	0	0.03	NA	NA
3.17	1.61	2.14	1.75	-0.73275	0.048397
4.64	3.84	3.72	3.45	-0.41359	0.000276
7.12	7.5	7.11	9.91	0.139816	0.556799
12.46	19.33	17.6	16.8	0.362795	0.001055
42.84	31.15	40.01	34.84	-0.1668	0.260156
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.69	3.04	2.24	2.36	0.306956	0.100975
6.03	5.89	5.75	4.55	-0.15977	0.430554
20.31	29.71	34.79	32.56	0.677338	1.03E-13
0.03	0.08	0	0	NA	NA
7.49	6.54	8.77	6.97	-0.09968	0.475626
120.66	57.24	104.25	77.09	-0.6217	1.50E-05
234.73	112.74	174.73	152.01	-0.71172	3.85E-08
15.78	16.86	17.36	16.48	-0.00984	0.959828
0.22	0.22	0.14	0.06	-0.61037	0.267855
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
56.01	21.79	30.02	26.74	-1.15406	1.38E-24
3.01	2.04	2.3	2.2	-0.53298	0.010417
3	1.58	1.85	1.95	-0.35351	0.095763
13.3	12.17	12.29	13.2	-0.04596	0.805906
87.4	133.9	109.84	118.98	0.393837	4.70E-05
3.24	1.43	1.87	1.28	-1.20785	1.29E-06
27.99	26.01	26.68	27.26	0.050368	0.799377
9.37	10.51	11.06	8.44	0.199879	0.470098
5.49	8.62	8.74	9.37	0.242463	0.061135
11.53	12.11	11.07	12.31	-0.10011	0.445638
12.26	11.71	12.1	11.37	-0.12461	0.398404
1356.34	1089.99	1169.35	1057.63	-0.36848	1.24E-06
16.33	18.94	19.42	18.12	0.068995	0.677816
8.03	12.9	9.85	11.39	0.459547	0.001143
21.21	22.45	27.36	27.65	0.031221	0.860977
18.66	22.88	23.59	24.11	0.235998	0.161876
41.45	37.7	40.2	38.21	-0.16369	0.085852
4.02	4.84	3.66	3.84	0.095549	0.699582
35.33	37.46	36.9	42.3	-0.00076	0.996497
8.21	10.82	9.93	9.96	0.194635	0.18109
23.6	217.47	80.57	145.04	2.231989	5.35E-10
0.38	1.87	1.28	1.61	1.674391	0.001419
5.31	5.13	4.95	5.23	-0.19715	0.257752
0.2	0.1	0.19	0.31	0.215348	0.794617
18.7	19.88	19.16	21.61	0.065775	0.573358

15.43	12.89	11.46	11.45	-0.33499	0.087247
0	0	0	0	NA	NA
6.72	6.6	6.47	6.88	-0.04353	0.818228
0	0	0	0	NA	NA
14.71	20.19	16.44	18.01	0.257828	0.007279
10.32	14.65	14.04	13.46	0.140659	0.449477
3.22	1.96	2.52	2.29	-0.42755	0.002656
0.01	0	0	0	NA	NA
9.95	8.85	8.18	8.79	-0.26012	0.009698
1.22	1.26	1.44	1.07	-0.33248	0.3759
4.41	6.32	5.23	6.09	0.228638	0.1605
33.8	47.91	39.32	43.59	0.479619	0.000418
14.54	11.32	14.18	14.58	-0.15668	0.410509
1.11	0.88	0.87	0.89	-0.50086	0.265261
13.78	15.31	17.85	16.27	0.24296	0.037421
11.49	14.32	12.71	12.93	0.050793	0.783713
0	0	0	0	NA	NA
0.07	0.07	0.06	0.04	0.14664	0.867696
49.7	32.39	36.34	36.48	-0.48667	6.23E-08
0	0	0	0	NA	NA
23.08	18.06	19.99	22.34	-0.11626	0.344842
0	0	0	0	NA	NA
26.72	14.61	14.57	17.75	-0.74242	6.41E-18
3.25	0.38	1.04	0.78	-1.83728	0.000235
22.31	26.97	25.75	25.95	0.254281	0.022173
0	0	0	0	NA	NA
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.89	5.67	4.59	5.09	0.270662	0.055089
15.8	19.76	15.68	17.83	0.18102	0.125168
0.98	3.25	5.5	4.2	1.306928	0.001111
11.83	11.03	10.79	11.71	-0.03795	0.819101
9.02	6.38	6.27	6.92	-0.35295	0.309911
40.36	44.02	41.47	41.99	0.040327	0.744304
0.1	0.38	0.34	0.43	0.822884	0.171343
0.92	6.6	4.17	5.51	2.372578	1.35E-27
18.52	12.67	15.39	13.08	-0.3435	0.037494
3.54	3.71	5.03	3.55	0.044117	0.868389
143.99	123.44	129.33	143.02	-0.12604	0.143634
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.4	20.2	16.87	18.4	0.171139	0.203888
21.21	15.16	16.41	16.01	-0.3983	2.39E-06
0.02	0.03	0.01	0.02	-0.31205	0.699552

0	0	0	0	NA	NA
23	15.23	15.65	14.27	-0.66088	5.60E-11
0.18	0.32	0.04	0.09	0.373582	0.580964
0	0.04	0	0	NA	NA
0.04	0.13	0.13	0.12	0.583992	0.410545
3.44	4.72	4.44	3.43	-0.43916	0.271133
5.4	5.55	5.84	5.11	-0.26415	0.179344
19.07	23.03	20.78	19.57	0.161815	0.275888
0	0	0	0	NA	NA
3.19	3.15	2.76	2.72	0.082707	0.827147
77.2	199.74	151.3	172.02	1.135986	1.18E-26
1.53	1.35	1.32	1.19	0.01298	0.976474
8.3	9.59	8.65	9.66	-0.04317	0.78893
13.47	92.73	45.48	70.53	2.200287	6.07E-15
3.55	4.39	4.7	4.75	0.320961	0.015895
6.22	5.73	11.73	6.52	-0.10285	0.485787
47.29	52.58	50.35	53.64	0.221717	0.004784
28.49	38.17	27.67	29.43	0.104292	0.625762
13.04	11.83	13.65	13.59	-0.17493	0.226087
49.64	36.73	41.23	38.07	-0.50594	4.07E-08
0	0.04	0.08	0	NA	NA
0.16	0.34	0.31	0.21	0.291742	0.652617
2.24	2.96	2.69	3.08	0.405316	0.021079
0	0.02	0.06	0.02	NA	NA
8.73	3.74	6.24	4.88	-0.28316	0.578883
0	0	0	0	NA	NA
14.26	8.08	11.23	11.6	-0.51066	0.002083
5.12	5.79	5.43	5	0.161016	0.471929
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.27	1.21	1.49	2.25	-0.16429	0.687057
0.92	1.06	1.21	0.85	0.382151	0.338471
21.1	17.42	14.01	19.97	0.043109	0.839932
6.31	7.04	6.73	7.5	0.087364	0.741819
147.81	174.69	216.25	198.45	0.337882	0.000507
13.71	13.42	14.24	15.09	-0.09259	0.51922
119.03	129.7	129.96	119.54	0.007803	0.959017
84.57	90.27	91.17	96.54	0.04397	0.679688
0	0	0	0	NA	NA
209.26	113.19	135.5	133.98	-0.81669	NA
0	0	0	0	NA	NA
32.51	41.04	43.36	36.31	0.22378	0.016074
9.43	4.56	4.34	4.61	-1.1284	4.56E-16
8.41	18.18	14.56	16.35	0.890274	8.52E-19
13.14	14.65	14.85	14.29	-0.14958	0.373395

26.35	21.41	22.26	22.45	-0.20812	0.051396
22.02	27.83	26.05	27.38	0.147985	0.131742
26.92	25.18	22.52	21.67	-0.15674	0.33127
0.08	0.05	0.19	0.19	NA	NA
2.85	2.27	2.47	2.43	-0.23306	0.148687
8.4	8.27	8.82	7.57	-0.12423	0.385202
14.31	22.61	19.23	22.11	0.530633	0.000203
1.71	2.17	3.2	3.18	0.442892	0.169997
1.97	1.67	1.41	3.3	-0.23673	0.248728
377.77	218.43	240.84	219.13	-0.85223	3.14E-30
13.47	17.98	16.09	16.95	0.353102	0.001972
11.14	9.23	9.77	10.45	-0.05623	0.779226
10.23	5.55	6.97	6.62	-0.57217	0.000393
922.95	755.73	823.75	712.14	-0.34618	2.58E-05
5.95	19.07	15.15	19.58	1.642653	3.30E-48
3.75	3.09	4.31	4.47	-0.33877	0.21047
1.1	1.27	1.09	0.9	0.349717	0.2944
0.21	3.18	1.42	1.97	3.362201	9.70E-18
0.31	0.09	0.08	0.21	NA	NA
0.03	0	0	0	NA	NA
3.31	4.96	3.96	4.82	0.118811	0.490543
15.31	14.49	11.42	13.52	0.169697	0.1434
14.02	14.9	15.34	14.05	-0.10017	0.510072
0.15	0.1	0.12	0.15	-0.00098	0.999184
0.83	1.06	0.96	0.83	0.089305	0.79727
74.89	80.31	74	77.75	-0.0076	0.959072
6.69	25.18	24.57	25.31	1.736222	2.35E-53
0.02	0	0	0.03	NA	NA
0	0.08	0	0.05	NA	NA
36.11	136.5	78.29	99.09	1.410571	3.17E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
17.89	1.6	3.2	2.56	-2.52739	1.48E-16
0	0	0	0	NA	NA
7.37	6.06	6.57	6.71	-0.08686	0.672478
15.79	15.01	14.5	16.88	-0.09712	0.62424
27.18	29.67	29.25	30.4	0.114452	0.317131
42.2	49	47.26	37.14	-0.08554	0.586514
48.77	63.21	68.75	70.3	0.530184	4.93E-10
0.06	0.02	0	0	NA	NA
5.06	4.56	3.38	3.45	-0.08709	0.832104
17.23	17.8	16.55	21.75	-0.01164	0.948254
2.48	5.2	5.06	4.39	0.412934	0.035001
0.26	0.7	0.76	0.84	0.158816	0.827131
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.08	0.01	0.02	0 NA	NA
9.01	9.2	9.64	7.19	-0.02746 0.944533
26.1	23.04	25.6	22.44	-0.03682 0.791069
0.04	0	0.05	0.03 NA	NA
17.14	27.64	24.79	22.69	0.337893 0.008143
52.32	46.35	55.14	51.09	-0.18656 0.080024
0.4	0.31	0.24	0.28	-0.405 0.445311
8	5.68	9.11	8.26	-0.18654 0.376862
53.11	59.39	56.7	57.97	0.173948 0.103853
0.03	0.21	0.07	0.23	0.42105 0.582509
1.54	2.56	2.51	3.12	0.856777 8.69E-05
0.56	0.14	0.14	0.13	-0.56561 0.436048
0.02	0	0	0 NA	NA
20.41	12.81	16.77	16.18	-0.58836 9.06E-08
5.01	2.95	4.31	4.82	-0.29955 0.277718
1125.82	47.05	125.38	78.98	-3.22916 5.33E-19
0.03	0.03	0.03	0.05	-0.43499 0.568717
0	0.07	0.09	0 NA	NA
19.62	23.2	19.38	19.86	-0.04528 0.803403
0.03	0.11	0.15	0 NA	NA
4.88	5.49	5.15	7.41	0.540816 0.001453
0.71	2.05	0.88	1.55	0.176811 0.807273
0	0	0	0 NA	NA
3.05	3.91	2.76	3.47	-0.10998 0.734946
4.97	6.62	6.05	6.72	0.310635 0.001161
2.1	1.91	1.24	3.09	0.213607 0.743929
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0.25 NA	NA
21.87	15.93	18.24	19.66	-0.26687 0.019173
11.59	13.34	11.24	12.31	-0.01754 0.927818
2.82	3.49	3.3	3.04	0.000299 0.999184
9.61	10.66	10.88	13.12	0.357265 0.014287
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
21.92	32.64	29.48	26.56	0.301224 0.053625
19.37	30.17	26.46	24.03	0.269588 0.082879
3.51	7.95	7.28	8.21	1.073079 1.09E-09
11.79	10.78	13.24	10.99	-0.11605 0.373798
24.06	24.92	24.29	23.49	-0.11742 0.342811
19.67	42.27	32.82	38.16	0.8871 4.21E-15
340.93	363.28	396.56	346.55	-0.01727 0.904625
5.56	2.79	2.67	2.26	-1.22694 6.66E-09
43.82	43.84	45.36	41.93	0.07012 0.583834

0.26	0.27	0.23	0.42	0.003429	0.996994
43.37	53.78	52.52	50.85	0.06551	0.660906
1215.96	1113.45	1177	1162.03	-0.14518	0.101523
0.2	0.09	0.03	0.06	NA	NA
0.17	0.03	0.04	0.07	NA	NA
3.99	4.76	4.73	4.61	0.252477	0.233244
15.36	16.54	16.64	16.44	0.095565	0.408321
69.87	75.18	71.7	70.96	-0.04949	0.731121
2.54	13.82	7.93	10.29	1.833577	2.15E-28
0.62	33.73	5.01	11.09	2.335524	3.00E-05
2.09	0.34	0.29	0.13	-2.07332	1.59E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.05	0.05	NA	NA
0.41	0.26	0.12	0.07	-0.53669	0.444638
1240.17	1265.32	1257.7	1201.51	-0.00078	0.995607
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.08	2.74	3.16	3.05	-0.78312	0.000177
21.41	18.99	22.95	23.98	-0.07325	0.671506
0	0	0	0	NA	NA
28.95	19.07	23.01	20.95	-0.47877	4.03E-07
0	0	0	0	NA	NA
1.35	1.24	1.11	1.01	-0.33233	0.638798
8.61	5.59	6.86	7.61	-0.25514	0.120219
54.52	80.6	71.52	70.9	0.37084	4.17E-05
11.72	15.59	12.76	12.78	-0.02796	0.920557
4.21	4.71	4.52	5.16	0.054571	0.851819
7.44	4.7	6.04	4.17	-0.09569	0.816374
9.53	6.01	7.36	6.6	-0.56565	1.90E-07
79.06	77.45	87.96	74.51	0.118912	0.311187
0	0	0	0	NA	NA
7.96	5.42	5.95	6.46	-0.46413	0.003288
1.31	1.11	0.92	0.92	-0.31378	0.371786
0	0	0.03	0	NA	NA
9.73	15.74	12.92	14.94	0.460416	0.000155
59.57	16.9	29.53	26.55	-1.22734	2.47E-18
18.25	10.77	11.31	11.93	-0.7131	1.03E-09
0	0	0.13	0	NA	NA

69.07	37.77	47.09	41.27	-0.89003	1.71E-17
0	0.01	0	0	NA	NA
0.02	0	0	0	NA	NA
0.12	0.02	0.12	0	-0.73954	0.266502
0.24	0	0.12	0.33	-0.61856	0.384828
10.24	14.86	11.65	13.56	0.389007	0.021002
3.87	1.37	2.92	2.66	-0.54912	0.085372
0.04	0.09	0.05	0.12	-0.0046	0.996111
0	0.13	0.02	0.07	NA	NA
0.25	0.85	0.23	0.19	0.193928	0.798478
0.61	0.33	0.31	0.11	-0.23884	0.752233
0	0	0	0	NA	NA
0	0	0	0	NA	NA
372.32	100.58	182.15	137.99	-1.38746	3.71E-09
6.09	8.39	7.88	8.37	0.118929	0.419733
0.31	0.59	0.6	0.77	0.013224	0.989869
0	0	0	0	NA	NA
0	0	0	0	NA	NA
54.52	68.03	73.02	65.35	0.14074	0.181341
4.11	4.55	6.12	5.51	0.165766	0.559125
25.66	24.25	25.8	25.63	-0.07393	0.472416
8.69	4.01	5.52	5.42	-0.75522	8.34E-10
6.21	9.74	8.9	9.06	0.372421	0.018117
2.17	1.07	0.7	1.46	-0.43384	0.367739
17.2	9.45	11.8	10.57	-0.14804	0.292383
23.95	25.78	24.52	25.07	-0.15015	0.40454
0	0.07	0	0.05	NA	NA
0	0.14	0.06	0	NA	NA
16.49	24.77	15.43	20.26	0.362736	0.081682
12.46	14.13	10.74	9.26	0.053701	0.800322
0.02	0	0.05	0.06	NA	NA
0	0	0.01	0	NA	NA
5.17	5.2	3.7	4.3	-0.05791	0.799264
96.72	46.37	83	63.86	-0.54105	0.039037
30.45	42.86	37.08	40.29	0.458329	2.43E-06
1.92	1.96	2.34	2.04	-0.46652	0.052871
3.51	3.77	3.52	3.39	0.03267	0.875208
4.61	5.38	5.07	5.49	0.26823	0.075703
553.91	692.87	729.06	726.82	0.2914	1.77E-05
3.82	5.01	3.36	3.77	0.195221	0.254688
0	0	0	0	NA	NA
0.71	0.71	1.09	1.16	-0.19903	0.61033
5.7	11.58	10.95	12.38	0.848666	1.21E-20
5.28	3.34	4.83	4.65	-0.44351	0.074652
0.16	0.12	0.29	0.25	0.897089	0.167378

0.62	1.35	0.86	1.03	0.792531	0.003587
0	0	0	0	NA	NA
0.23	1.01	0.2	0.22	0.58233	0.3914
10.88	9.38	10.09	8.62	-0.2962	0.046491
2.97	1.76	2.36	2.03	-0.779	3.98E-06
0	0	0	0	NA	NA
0.08	0	0.01	0.01	NA	NA
10.78	9.83	10.43	10.42	0.118259	0.533673
7.16	5.71	5.95	5.04	-0.02272	0.949004
8.53	6.64	8.4	6.95	-0.03909	0.859711
1.98	3.06	1.94	2.9	-0.0734	0.847181
6.48	4.09	4.88	7.38	-0.18355	0.323387
24.49	30.62	30.87	30.81	0.246318	0.028291
0.53	3.95	1.7	2.6	2.39736	2.01E-20
14.35	14.44	12.25	13.96	-0.24734	0.011868
10.35	1.79	5.84	2.73	-1.91323	4.53E-25
2.09	1.59	1.94	1.55	-0.26047	0.197985
0.15	0.15	0.2	0.08	-0.22077	0.796742
71.54	62.95	76.34	73.75	-0.11509	0.315523
19.37	17.41	16.5	20.36	-0.16171	0.086711
0.05	0	0	0	NA	NA
2.52	7.52	6.05	6.98	1.340274	8.00E-24
2.88	3.67	4.21	2.99	0.337646	0.03973
44.41	48.68	53.4	57.2	0.275335	0.006594
6.03	6.33	7.05	6.33	-0.04376	0.780961
24.42	40.87	31.22	37.39	0.534856	0.000109
6.27	3.4	3.46	2.98	-0.9452	1.19E-14
4.12	7.93	6.04	6.03	0.515684	0.0339
13.66	16.77	14.66	13.94	0.07703	0.647437
0.15	0.12	0.15	0.18	-0.21354	0.75675
1.72	3.17	2.5	2.36	0.335354	0.221566
1.7	2.12	1.61	1.94	0.725132	0.000191
0.26	0.02	0	0.02	NA	NA
35.03	52.95	42.88	47.58	0.551393	4.21E-06
10.95	9.24	8.47	10.63	-0.16031	0.450659
2.43	1.39	1.2	2.2	-0.34479	0.103795
90.52	103.48	111.37	108.93	0.1915	0.020357
14.04	12.15	13.57	12.47	-0.19415	0.218108
0	0	0	0	NA	NA
0.51	0.16	0.29	0.21	-0.9427	0.098765
0	0	0	0	NA	NA
90.34	101.74	91.69	86.07	0.020823	0.909236
8.21	2.85	5.01	4.1	-1.21205	5.02E-10
0	0	0	0	NA	NA
20.69	6.58	8.45	8.2	-1.47717	1.59E-48

5.34	4.17	4.97	4.04	-0.21033	0.36752
50.05	36.23	45.81	47.03	-0.30557	0.02231
0	0	0	0	NA	NA
7.04	4.99	7.56	6.73	-0.24349	0.023228
10.69	8.8	10.24	9.55	-0.3257	0.012183
18.96	8.6	13	10.33	-0.89794	1.98E-13
8.36	7.85	8.39	7.71	-0.06087	0.684379
30.06	32.45	36.42	29.44	0.014843	0.935649
2.07	1.43	1.28	1.67	-0.4178	0.11246
0.06	0	0.02	0.03	NA	NA
4.77	1.44	2.83	1.36	-1.21869	3.93E-06
23.36	49.31	54.89	55.37	1.090182	1.81E-34
0	0	0.05	0	NA	NA
0.2	0	0	0	NA	NA
48.5	27.57	35.8	32.13	-0.65809	3.84E-08
9.73	11.64	13.02	12.98	0.240136	0.095483
26.56	22.8	23.12	24.33	-0.16211	0.299314
21.98	19.72	19.67	20.17	-0.18803	0.09392
3.17	4.81	4.45	5.17	0.309178	0.068885
7.31	9.39	8.49	10.48	0.142747	0.348322
13.83	13.14	12.87	13.03	-0.34727	0.02385
12.55	8.89	11.03	12.01	0.004203	0.982137
0	0	0	0	NA	NA
2.08	1.88	1.72	1.36	-0.11215	0.807366
5.26	7.4	8.5	8.64	0.901475	8.00E-10
0	0	0	0	NA	NA
2.67	2.8	2.25	3.96	-0.02515	0.944642
5.28	11.48	9.09	8.88	0.637672	1.92E-09
0	0	0	0	NA	NA
2.5	11.13	7.6	8.28	1.419907	2.33E-15
0.74	0.38	0.47	1.07	-0.1904	0.675461
0	0	0	0	NA	NA
155.59	46.65	65.87	60.64	-1.36372	2.43E-23
1.12	1.33	2.05	1.63	0.103411	0.814889
0	0	0.02	0	NA	NA
0.58	1.52	0.46	1.03	0.822871	0.054366
0	0	0	0	NA	NA
3.38	4.3	3.51	3.11	-0.07573	0.802461
10.32	10.17	11.12	9.1	-0.1039	0.702158
1.01	1.64	2.26	1.4	-0.53506	0.145517
10.2	13.1	10.79	14.86	0.279498	0.080381
2.86	3.14	2.43	2.56	0.679663	0.00049
0.77	1.04	0.69	1.07	0.126592	0.729065
15.79	18.84	20.23	20.43	0.440489	3.62E-06
14.44	15.94	16.53	16.15	0.095955	0.40116

15.93	20.48	22.79	25.63	0.762649	1.62E-12
0.34	0	0	0	NA	NA
0	0.15	0.06	0.19	NA	NA
15.42	12.57	12.07	11.7	-0.05938	0.671172
1.64	1	1.08	0.53	-1.05683	0.004713
21.34	19.8	16.33	19.12	-0.33443	0.002043
5.41	4.27	4.79	3.88	-0.53525	0.003521
6.69	6.34	5.95	7.8	0.181474	0.504749
6.13	9.81	9.47	9.11	0.62297	5.55E-07
12.23	18.25	17.19	15.88	0.306591	0.005851
3.24	3.78	4.98	3.09	0.1134	0.747737
1.99	3.62	4.83	4.79	0.842305	0.01085
11.71	11.5	11.91	12.24	-0.07419	0.540248
0.24	3.37	1.56	2.82	2.71167	3.14E-15
0	0.09	0.18	0.03	NA	NA
4.27	4.87	4.82	4.81	0.105599	0.586167
0.17	0	0	0.03	NA	NA
0	0	0	0	NA	NA
4.06	6.18	4.69	5.48	0.51618	4.09E-05
0	0	0	0	NA	NA
0	0.01	0	0.04	NA	NA
1.28	1.62	1.86	1.43	0.164611	0.608942
6.16	3.87	4.37	3.95	-0.6889	0.001413
8.4	7.31	9.06	8.17	-0.16404	0.538615
1.8	0.47	1.91	1.06	-0.2681	0.62178
5.86	6.65	7.3	7.24	0.307258	0.06786
0.07	0.01	0.02	0.01	NA	NA
8.27	10.31	9.85	9.29	0.290166	0.008337
49	49.69	51.74	53.17	0.114991	0.228419
4.69	4.91	4.3	4.27	-0.11167	0.694356
29.13	29.01	29.7	35.13	-0.00628	0.973164
22.46	29.07	26.38	28.1	0.26144	0.010005
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	1.16	0.23	0.36	-0.11435	0.872941
0	0	0	0	NA	NA
1.84	0.88	1.29	1.25	-0.90379	0.000702
0.7	2.16	1.83	2.03	1.110443	0.003717
6.3	5.18	4.62	5	-0.44925	0.004435
6.98	6.35	7.97	7.23	-0.2014	0.343257
0.02	0.03	0.06	0.06	0.367922	0.636697
112.01	83.79	100.25	93.13	-0.36735	0.002605
0	0	0	0	NA	NA

0.04	0.12	0.09	0.05	0.54822	0.41012
0	0	0	0	NA	NA
43.08	37.04	40.09	35.89	-0.11074	0.240858
14.01	13.26	14.46	13.97	0.009492	0.947255
5.76	3.56	4.32	3.96	-0.56375	6.03E-05
4.6	7.53	9.2	8.32	1.203717	3.14E-30
0	0.1	0.05	0.08	NA	NA
2.79	2.46	2.99	2.31	-0.20261	0.333214
16.1	13.73	10.95	11.84	-0.3765	0.004967
5.01	4.94	5.67	4.59	0.118305	0.702822
1.53	1.48	1.72	1.4	0.357001	0.409172
0	0	0	0	NA	NA
3.67	3.23	3.96	3.41	-0.06211	0.812564
0.01	0	0.04	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	0.2	0.42	0.38	-1.13008	7.95E-06
8.61	6.98	6.41	7.49	-0.28907	0.066781
12.12	6.91	11.45	9.44	-0.44823	7.42E-05
3.82	3.6	4.02	4.45	-0.15978	0.479157
131.01	116.85	125.41	115.42	-0.15365	0.076798
13.1	9.06	11.02	9.76	-0.41367	0.024383
4.5	4.35	6.39	7.17	0.125169	0.442903
0.57	0.91	0.57	0.34	0.179735	0.813447
0	0	0	0	NA	NA
17.59	11.54	14.51	13.88	-0.32514	0.014907
0	0	0	0	NA	NA
0.09	0.19	0.06	0.13	0.109923	0.891048
9.17	5.75	6.81	6.69	-0.6007	3.08E-05
66.41	82.56	80.56	85.99	0.273648	0.000146
0.15	0.21	0.15	0.38	NA	NA
0	0.02	0.02	0.02	NA	NA
9.07	11.32	11.22	10.93	0.291086	0.001126
4.35	2.61	3.36	3.97	-0.06187	0.853146
2.15	4.59	3.47	3.87	0.249646	0.426404
238.58	240.3	297.64	294.36	0.100584	0.387812
1.01	0.88	0.79	1.37	-0.30633	0.572248
2.68	3.01	3.07	2.09	0.050129	0.895538
0.18	0.2	0.17	0.29	-0.0261	0.966405
3.8	3.11	3.02	3.57	-0.15521	0.487576
4.83	6.08	5.51	5.48	0.219403	0.061207
1.13	5.03	3.48	3.57	1.247873	1.10E-09
3.49	3.7	3.94	3.81	0.336937	0.238166
0	0	0	0	NA	NA

2.71	1.47	2.27	2.9	0.109039	0.784872
7.55	4.25	6.19	7.13	-0.33219	0.071255
5.13	3.63	4.65	4.52	0.00126	0.996111
3.18	1.51	2.15	1.69	-0.63822	0.019216
1.01	3.03	2.04	2.02	0.504064	0.130461
3.74	3.59	4.07	3.95	0.16163	0.505505
0	0.03	0.03	0.12	NA	NA
7.06	11.05	9.68	10.56	0.445821	0.017602
13.42	8.12	12.28	9.91	-0.43205	0.011802
0	0	0	0	NA	NA
1.28	1.12	1.13	1.1	-0.32388	0.407699
7.44	21.44	13.71	15.78	1.221867	4.04E-16
22.63	16.12	15.14	15.04	-0.29239	0.011059
0.24	0.41	0.49	0.53	0.70066	0.12714
0	1.29	1.27	1.67	2.891496	1.25E-10
23.94	14.16	16.39	13.94	-0.71661	5.30E-13
6.39	6.56	6.56	6.81	0.059173	0.741906
0.34	0.34	0.3	0.36	-0.63944	0.113823
36.11	29.55	28.14	34.06	-0.29359	0.002344
106.15	105.4	117.78	122.5	0.122972	0.20035
0	0	0	0	NA	NA
6.54	0.48	1.47	0.63	-2.92855	1.27E-19
1.74	0.8	1.92	1.89	-0.5921	0.065452
0	0.02	0.25	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
51.23	40.13	42.43	42.22	-0.27856	0.001145
0	0	0	0	NA	NA
8.92	7.48	7.28	7	-0.35774	0.025945
1.34	0.7	0.52	0.58	-0.98232	0.000949
402.15	333.76	265.78	299.28	-0.45319	8.68E-07
1.03	1.83	1.53	1.71	0.466886	0.236259
0	0	0.03	0	NA	NA
0.03	0	0	0	NA	NA
6.12	8.04	7.67	7.81	0.34086	0.007596
9.53	11.93	12.74	15.63	0.538801	9.09E-06
1.02	0.63	0.68	0.74	0.100874	0.892458
17.24	23.93	24	21.45	0.519814	3.35E-06
0	0.14	0.1	0.21	0.1731	0.841869
1.25	1.53	1.19	1.52	0.134658	0.557201
0	0	0	0	NA	NA
1.7	1.49	1.19	1.82	-0.40258	0.247841
0.04	1.03	1.03	0.94	2.440693	1.13E-06
16.15	10.62	11.56	13.83	-0.26611	0.020952

4.56	4.21	4.19	4.51	0.021122	0.931771
0.03	0	0	0.02	NA	NA
1.53	1.76	1.55	1.9	0.032705	0.939281
5.43	5.93	4.88	6.26	0.229375	0.295058
0.01	0.01	0.05	0	NA	NA
65.17	83.11	80.65	80.19	0.387093	1.07E-05
1.93	2.5	1.94	2.25	0.248748	0.49698
28.77	22.89	29.64	24.65	-0.24062	0.005573
0	0.05	0.07	0.07	0.584556	0.416685
38.81	41.98	48.89	46.78	0.256262	0.002241
16.95	17.21	14.1	16.1	0.137262	0.479822
0	0.04	0.1	0	NA	NA
11.36	3.38	5.5	4.27	-1.29854	6.20E-17
0	0.02	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0.13	NA	NA
0.04	0.04	0.06	0.07	-0.32993	0.675943
9.47	10.53	8.4	8.4	-0.0126	0.953663
14.46	17.04	18.37	18.09	0.176125	0.265988
134.42	208.31	263.01	252.42	0.858893	7.76E-17
0.93	1.74	1.99	1.81	1.32936	6.35E-08
0	0	0	0	NA	NA
0	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
11.15	23.08	16.35	18.74	0.840452	4.17E-11
0	0	0	0	NA	NA
4.91	3.33	5.19	5.7	0.111226	0.598721
0.01	0.17	0.2	0.22	1.144529	0.046311
8.92	7.22	7.1	7.71	-0.08605	0.692251
13.74	6.54	8.64	8.35	-0.89865	4.39E-12
25.82	39.63	36.18	38.93	0.454199	0.001452
1.14	1.49	1.07	1.13	-0.19863	0.723985
8.9	12.06	13.91	16.12	0.501856	0.000168
112.81	82.81	92.05	87.27	-0.52604	2.98E-09
0	0	0	0	NA	NA
0.32	0.15	0.08	0.02	-0.71095	0.304944
12.68	21.41	19.31	19.29	0.473525	3.03E-05
143.14	42.4	60.47	51.16	-1.42776	2.40E-35
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.25	4.34	3.36	2.59	0.1709	0.466962
11.02	7.94	8.58	7.93	-0.13211	0.338471
104.32	101.26	94.66	97.18	-0.07875	0.420605
18.48	24.92	24.41	20.85	0.393527	0.00349
1.1	5.51	4.49	4.9	2.564914	3.24E-33

10.97	10.55	10.02	12.13	0.028551	0.934993
10.94	12.66	12.41	13.03	0.049569	0.708458
0	0	0.05	0 NA	NA	
6.6	50.26	24.11	33.51	2.180519	1.45E-10
0.3	0.09	0.1	0.06	-1.26331	0.007814
4	8.89	4.76	6.71	0.518042	0.00313
97.71	106.73	111.52	114.14	0.132289	0.110165
10.61	13.21	12.41	12.79	0.247523	0.011463
11.88	13.11	14.26	15.69	0.243175	0.015203
0.05	0.19	0.2	0.24	0.286635	0.708176
8.11	17.7	12.78	17.06	0.957469	4.24E-14
0	0.06	0	0 NA	NA	
0.5	1.05	0.79	0.8	1.444621	0.005099
0.54	20.62	4.98	10.57	3.10399	3.81E-11
0.21	0.1	0.26	0.16	0.190066	0.826744
16.59	14.93	16.7	15.95	-0.14879	0.141118
33.82	35	37.04	37.59	0.132039	0.184845
0.02	0.01	0	0 NA	NA	
0	0	0	0 NA	NA	
0.13	0.22	0.15	0.1	0.32431	0.675367
6.59	1.33	2.44	2.03	-1.3772	6.73E-06
0.1	0.05	0.01	0 NA	NA	
1.32	2.93	3.08	2.74	0.966014	2.13E-06
0	0	0	0 NA	NA	
9.49	8.84	8.35	6.95	-0.07848	0.714743
28.41	18.38	21.56	22.21	-0.41755	2.81E-05
9.09	7.68	7.14	7.98	-0.13255	0.329614
0	0.11	0	0 NA	NA	
1.37	1.41	1.51	1.95	-0.35713	0.327208
5.07	6.37	7.28	6.96	0.605144	0.0245
20.62	35.02	38.21	39.27	0.812165	5.29E-22
0	0	0	0.04 NA	NA	
15.64	13.31	17.49	15.55	-0.28825	0.101063
13.32	19.6	14.15	17.38	0.296064	0.090508
0.76	0	0.23	0.11	-1.62677	0.005437
4.69	10.14	9.39	8.68	0.87172	5.74E-05
5.29	9.24	7.6	8.76	0.629115	0.00027
0.18	0.06	0.15	0 NA	NA	
0	0	0	0 NA	NA	
1.23	1.44	1.37	1.84	0.043875	0.933507
13.26	17.94	17.58	16.35	0.220809	0.179004
5.37	3.46	3.57	4.88	-0.75696	1.35E-05
28.94	26.25	26.28	27.02	-0.08248	0.459233
8.77	6.23	8.07	8.52	-0.0151	0.93583
0	0	0	0 NA	NA	

4.42	4.35	5.03	4.75	0.037736	0.90014
0	0	0.04	0	NA	NA
8.48	10.02	9.22	12.95	0.387841	0.001977
20.02	18.71	20.82	19.66	-0.1676	0.264668
2.08	1.22	1.92	1.76	-0.344	0.16538
4.54	3.86	4.04	4.54	0.176302	0.454592
34.23	34.17	37.58	34.79	-0.1109	0.453409
0	0	0	0	NA	NA
25.94	22.65	21.05	20.87	-0.33544	0.000213
0	0	0	0	NA	NA
2.43	0.86	1.35	1.1	-0.97192	0.001657
0	0	0	0	NA	NA
5.95	2.03	3.83	4.38	-1.27754	2.98E-12
12.37	14.98	16.72	17.21	0.221169	0.059992
0	0.01	0	0.03	NA	NA
0	0	0	0	NA	NA
26.62	231.29	113.02	178.27	2.423305	1.79E-20
47.61	50.24	55.5	52.49	0.146142	0.076513
0.78	0.81	0.92	0.74	-0.17444	0.700507
8.31	10.13	9.71	10.11	0.211078	0.075989
9.11	15.59	13.2	14.85	0.755169	8.31E-13
3.53	4.58	4.14	3.99	0.106402	0.735342
0.36	0.1	0.1	0.05	-2.0638	0.000108
0.26	0.36	0.51	0.17	-0.41439	0.521444
12.92	4.32	6.84	5.32	-1.17134	8.18E-14
31.03	26.85	27.92	30.53	0.031765	0.82905
7.68	10.05	8.25	9.73	0.604404	2.77E-07
0	0	0.02	0	NA	NA
0	0.02	0	0	NA	NA
1.6	2.35	2.52	2.42	0.395031	0.033538
13.3	15.95	15.67	17.42	-0.07919	0.607971
6.88	7.81	7.64	8.02	0.035045	0.85721
12.12	14.48	17.96	16.93	0.370566	0.00079
2.51	3.69	3.54	2.54	0.543042	0.046082
1.26	5.03	2.12	2.9	1.072943	5.85E-05
1.2	1.58	1.24	1.03	0.53935	0.245866
7.95	16.1	13.01	13.35	0.735056	1.73E-10
0.76	1.76	1.44	1.33	0.708476	0.016238
12.36	11.58	11.9	12.08	0.108425	0.40718
0	0	0	0	NA	NA
0	0.19	0	0.02	NA	NA
0.07	0	0.05	0	NA	NA
7.5	1.84	5.64	4.24	-0.98929	8.51E-06
0.76	0.79	0.83	0.59	-0.80803	0.107401
12.11	10.68	10.73	13.1	0.018473	0.924712

2.85	2.39	2.51	2.14	-0.48258	0.06743
5.63	5.29	4.62	4.69	-0.15098	0.63024
0	0	0	0	NA	NA
91.15	10.28	19.62	17.7	-2.43119	9.90E-12
0.31	0.18	0.29	0.28	-0.12209	0.88556
10.35	7.16	7.66	7	-0.56569	0.016803
8.91	6.6	8.94	8.77	-0.18261	0.19134
0	0	0	0	NA	NA
25.47	32.98	25.94	29.47	0.225091	0.143494
5.51	6.39	6.06	8.49	0.126503	0.464212
1.47	1.98	2.25	2.4	1.498361	1.21E-09
1.19	0.73	0.92	0.88	-0.73379	0.005392
27.09	17.22	16.79	18.09	-0.69894	2.09E-09
0	0	0	0	NA	NA
18.87	28.53	21.77	23.91	0.508541	2.15E-05
0.57	0.41	0.48	0.55	-0.39376	0.548358
0.34	1.2	1.12	0.91	1.431747	0.000984
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
12.67	14.47	14.49	13.9	0.102707	0.422586
365.01	1018.61	766.64	955.15	1.361549	4.19E-40
10.03	1.5	2.49	2.13	-2.03998	1.26E-31
0	0	0	0	NA	NA
4.34	21.97	11.12	13.02	1.577981	1.98E-06
13.34	16.12	15.65	15.56	0.167661	0.135848
0	0	0.05	0	NA	NA
20.96	21.19	26.96	23.97	0.133712	0.294276
10.3	7.99	8.23	8.56	-0.36629	0.000243
4.46	3.8	3.6	4.86	-0.74879	3.17E-06
0	0	0	0.04	NA	NA
82.01	51.74	62.99	62.45	-0.46862	3.98E-07
43.8	25.61	29.89	28.33	-0.46586	3.01E-08
1.27	0.97	0.74	0.53	-0.66983	0.052499
4.55	4.64	4.46	3.88	0.021402	0.933471
0.64	0.04	0.11	0.22	-0.07803	0.933507
0	0.07	0.08	0.03	NA	NA
78.01	86.13	83.77	79.95	0.044471	0.743262
38.21	66.33	56.52	66.51	0.706622	1.06E-11
3	3.34	2.75	3.16	-0.04392	0.867345
12.16	9.95	14.42	12.65	-0.09168	0.623589
0.09	0.06	0.13	0.08	NA	NA
2.08	3.8	3.18	3.71	0.723849	2.11E-05
5.28	6.22	5.58	6.09	0.300125	0.103761
0.02	0	0.01	0	NA	NA
0	0	0	0	NA	NA

2.16	2.12	2.36	2.26	-0.15958	0.462969
5.13	6.74	5.35	7.22	0.438369	0.005976
9.73	10.58	10.19	10.59	0.117377	0.456828
24.69	72.74	67.51	66.08	1.459563	2.19E-62
0	0	0	0	NA	NA
1.19	1.47	1.5	1.39	0.237208	0.363104
0	0.02	0	0.04	NA	NA
8.42	10.32	10.53	10.62	0.176175	0.141379
0.26	4.66	2.97	4.61	3.285367	6.49E-29
40.44	51.57	45.38	49.62	0.267604	0.011761
0	0	0	0	NA	NA
1.13	0.04	0.12	0.11	-3.12171	1.24E-12
0.03	0.02	0	0.03	NA	NA
0.17	0.66	0.2	0.39	0.648884	0.329614
9.38	4.73	6.58	5.8	-0.60646	0.000208
92.72	84.73	92.92	86.14	-0.09238	0.429497
7.3	7.39	8.25	10.01	0.240177	0.0911
3.23	2.79	2.92	2.23	-0.15569	0.794192
16.07	11.37	8.78	17.55	0.12522	0.841691
0	0.01	0.06	0.04	NA	NA
5.74	2.98	2.57	2.53	-0.98279	6.87E-07
4.8	2.89	2.79	3.16	-1.06868	1.22E-06
40.35	47.55	41.27	42.54	0.100547	0.526707
45.03	42.01	45.85	38.82	0.015463	0.949216
0.23	0.18	0.28	0.11	-0.21885	0.739854
0	0	0	0	NA	NA
0.08	0.09	0.05	0.21	NA	NA
0.09	0.38	0.3	0.16	0.645108	0.321588
12.31	30.81	20.05	28.23	1.082248	6.50E-12
4.04	2.9	4.18	3.77	0.054062	0.854097
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.27	2.88	3.41	2.07	-1.59823	1.22E-14
0	0	0.01	0.01	NA	NA
0.37	0	0.02	0.06	-1.61179	0.005099
11.99	15.68	15.91	15.74	0.525526	3.87E-06
13.61	14.39	11.98	11.3	-0.09003	0.705049
1.55	1.3	1.59	2.45	-0.20204	0.545694
72.52	76.51	69.77	67.37	0.04679	0.779713
6.87	6.98	6.13	7.16	0.100629	0.566749
59.56	75.39	43.24	65.93	0.043108	0.828626
6.46	6.76	3.5	4.82	-0.32574	0.347535
5.26	2.83	3.76	3.42	-0.21877	0.444799
2.8	2.74	2.86	2.69	-0.01139	0.983057
0	0.01	0.01	0	NA	NA

29.61	27.13	26.46	30.57	-0.15982	0.092742
11.74	10.23	10.06	8.88	-0.09654	0.591844
0.26	0.48	0.45	0.51	0.676114	0.154374
45.39	26.55	29.41	31.96	-0.5393	2.67E-10
5.18	8.21	7.7	6.88	0.597205	2.81E-05
2.65	2.88	2.5	2.73	0.079859	0.832792
2.46	0.88	1.26	0.99	-0.93373	3.75E-05
24	28.3	24.56	28.7	-0.01273	0.945762
4.02	0.94	1.09	0.57	-1.82335	5.58E-14
24.25	24.68	29.08	23.77	0.072471	0.541272
0	0.04	0.02	0.03	NA	NA
3.56	1.89	3.21	2.84	-0.04902	0.861316
6.03	3.17	3.51	3.53	-0.34779	0.038766
25.53	14.41	17.19	14.95	-0.45864	0.000424
0.03	0.06	0.07	0.25	0.527033	0.473718
0.11	0	0.01	0	NA	NA
0.38	0.06	0.11	0.22	-1.99968	0.000146
0.49	0.27	0.37	0.38	-0.52192	0.418077
0.41	2.02	1.48	1.94	3.683856	2.09E-31
2.69	0.29	0.19	0.27	-3.09268	1.14E-30
11.34	13.15	10.53	12.68	0.129309	0.384119
2.98	2.71	2.72	2.48	-0.40083	0.082468
0	0	0	0	NA	NA
43.82	32.82	33.5	33.05	-0.35047	3.19E-05
0.18	0.12	0.15	0.08	-0.37826	0.585048
4.3	2.18	3.03	3.62	-0.03679	0.88999
0	0	0	0	NA	NA
8.18	3.03	3.89	2.9	-1.20648	9.68E-20
0.16	0.34	0.31	0.48	NA	NA
4.01	4.46	4.11	4.4	0.006115	0.983252
0.31	0.04	0.02	0.25	NA	NA
0.26	0.09	0.09	0.24	-0.0506	0.953706
0	0	0	0	NA	NA
3.44	4.17	3.39	3.92	0.381471	0.110986
0	0.21	0	0.05	NA	NA
8.79	17.34	15.12	16.44	0.669087	6.33E-07
0.68	1.2	1.23	1.29	0.521969	0.043471
17.91	25.32	22.48	25.39	0.287903	0.004909
25.84	23.58	26.59	27.25	0.035431	0.800959
25.21	26.87	26.77	30.39	0.15051	0.32922
3.27	5.22	4.82	3.5	0.19911	0.469819
9.79	10.19	11.67	9.27	0.059627	0.69051
21.2	21.7	23.32	23.24	0.052906	0.798939
2.47	2.23	2.04	2.32	0.077086	0.752803
3.71	6.56	8.18	7.64	0.46524	0.003937

20.2	20.15	19.41	20.36	-0.17319	0.10685
0	0	0	0	NA	NA
15.2	23.06	19.91	20.54	0.422921	1.61E-05
37.57	38.73	37.56	37.8	-0.00901	0.948254
11.62	14.85	13.7	17.05	0.42802	0.000891
0.02	0.01	0.01	0.01	NA	NA
0.11	0.04	0.04	0.07	-0.49604	0.505474
4.57	2.57	4.17	3.32	-0.28192	0.21117
24.21	25.66	25.87	27.7	-0.03403	0.866298
8.86	30.46	21.39	26.44	1.419259	1.30E-28
0	0	0	0	NA	NA
13.34	7.67	13.68	9.77	-0.4762	9.93E-05
12.94	3.99	4.99	6.84	-1.18159	4.00E-13
9.25	7.86	8.79	8.72	0.157895	0.574099
3.07	3.87	3.17	3.32	0.144802	0.633306
17.11	16.3	18.56	21.12	-0.15791	0.179477
169.28	178.38	176.76	169.18	-0.03517	0.774847
0.14	0.32	0.39	0.7	0.263974	0.724081
112.84	133.31	138.93	127.18	0.209359	0.047509
44.84	30.81	42.06	42.63	-0.1745	0.229832
4.05	3.88	4.38	4.81	0.132128	0.526686
0.25	0.11	0.13	0.05	NA	NA
24.34	19.67	23.04	22.89	0.143754	0.393877
73.61	67.87	66.6	67.39	-0.15857	0.085106
6.13	11.07	8.96	10.41	0.494209	0.002208
0	0.02	0	0.02	NA	NA
51.05	47.71	49.23	50.59	-0.10712	0.227765
25.91	26.54	27.45	28.85	0.375404	0.000233
0	0.04	0	0.05	NA	NA
0	0.21	0.1	0	NA	NA
7.6	6.53	6.74	5.65	0.096218	0.811617
8.98	9.53	9.99	8.66	0.104311	0.583993
8.04	7.04	7.24	7.12	-0.18949	0.101637
1.37	1.57	1.55	1.43	0.084487	0.739478
7.37	5.68	6.56	5.32	-0.31917	0.140977
0	0	0	0	NA	NA
0	0.09	0	0.05	NA	NA
4.57	4.66	4.12	4.54	-0.06681	0.823653
0	0.09	0.03	0.12	0.599068	0.398909
0	0	0	0	NA	NA
92.45	170.08	129.83	142.43	0.600862	6.72E-09
3.14	2.31	3.15	2.18	0.275993	0.412933
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
9.24	9.34	9.42	9.4	-0.09871	0.59338

3.1	1.82	3.6	2.61	-0.00258	0.993624
1.14	0.47	0.17	0.16	-0.70485	0.255954
0.33	0.09	0.09	0.12	-1.32478	0.012822
25.34	13	17.22	18.47	-0.26629	0.044288
32.17	56.56	60.42	62.03	0.736297	1.67E-13
0	0.01	0	0.01	NA	NA
28.13	3.42	10.69	7.39	-1.88019	6.41E-08
0.89	0.7	0.1	0.22	-0.547	0.299799
11.75	13.57	12.21	12.54	-0.08447	0.562589
0	0	0	0	NA	NA
0.22	0.06	0.18	0.13	-0.61661	0.197104
0.07	1.18	0.38	0.34	0.775626	0.205697
4.43	5.2	3.9	4.1	0.003864	0.987812
1.5	1.39	1.44	1.52	0.028414	0.926611
5.05	4.52	5.7	4.12	0.113279	0.689763
0	0	0	0	NA	NA
56.4	52.18	64	54.32	-0.00067	0.997047
0	0.01	0	0.02	NA	NA
0	0	0	0	NA	NA
6.15	10.17	10.01	10.27	0.619332	2.34E-06
0	0.06	0.05	0	NA	NA
6.93	10.45	9.99	10.32	0.355811	0.00937
12.45	7.61	7.15	7.26	-0.58275	6.91E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
57.04	82.64	77.7	73.32	0.381476	0.000301
14.09	12.06	11.22	13.15	-0.02266	0.925277
0.02	0.26	0.16	0.18	1.609005	0.004896
1.6	0.23	0.54	0.65	-1.42235	0.000174
2.43	2.49	2.38	2.84	0.089417	0.662925
3.12	2.75	1.5	1.87	0.039068	0.933829
0.16	1.67	0.17	0.2	1.197186	0.02796
30.22	37.26	33.69	36.85	0.264378	0.019252
0.02	0.08	0.2	0.11	0.156489	0.854296
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
14.24	25.66	20.56	24.37	0.703197	1.40E-15
3.17	2.36	3.35	3.43	0.06416	0.827131
24.56	6.71	9.12	9.54	-1.53516	2.55E-35
8.06	9.06	9.07	10.72	0.304866	0.012739
0.83	0.72	0.8	0.91	-0.09074	0.832104
8.36	3.29	5.16	4.71	-1.08135	1.49E-11
2.23	2.09	2.18	2.08	-0.09983	0.703963
31.94	19	24.67	22.12	-0.36101	0.000582
0	0	0	0	NA	NA

0	0	0.04	0 NA	NA
0.05	0	0.09	0 NA	NA
10.37	20.86	21.89	25.96	1.107624 9.50E-38
15.65	13.63	12	13.17	-0.26074 0.095599
2.13	5.49	4.59	5.79	1.258139 2.67E-18
0	0	0	0 NA	NA
3.79	3.88	3.38	3.6	-0.09222 0.713417
1.85	1.58	1.26	1.42	-0.43271 0.032429
0	0	0	0 NA	NA
11.54	12.29	11.88	10.45	-0.04381 0.814711
6.9	5.34	5.41	4.98	-0.35815 0.132678
43.61	22.31	27.04	21.24	-0.77717 1.73E-09
0.83	0.84	1.1	1.1	-0.0731 0.868021
0	0.03	0.04	0.02 NA	NA
0.04	0.32	0.1	0.4 NA	NA
0.89	0.59	1.14	1.31	-0.34392 0.346659
0.07	0.36	0.03	0.12 NA	NA
0.03	0	0.06	0 NA	NA
3.51	2.9	3.26	3.24	-0.26928 0.106013
0	0	0	0 NA	NA
4.86	3.11	3.44	2.65	-0.20848 0.345314
12.43	11.02	12.26	10.52	-0.20736 0.191484
12.51	14.15	14.7	14.58	0.30656 0.011489
51.01	59.97	57.87	55.82	0.175358 0.076815
4.87	2.51	3.34	3.28	-0.8749 0.000493
0	0	0	0 NA	NA
16.94	13.06	13.48	17.72	0.055196 0.719609
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.07	0.12	0.23 NA	NA
2.08	3.79	4.18	3.6	1.224729 2.14E-14
7.32	8.9	8.38	9.05	0.248209 0.049941
3.16	6.03	2.9	4.26	0.533933 0.011927
4.67	2.44	3.15	2.28	-1.03846 4.63E-08
3.28	4.47	4.37	3.8	0.170682 0.511575
3.76	4.18	5.33	4.59	0.407305 0.011173
5.87	9.72	7.65	8.41	0.701909 0.000515
0.01	0.08	0.02	0.31	0.677901 0.329012
0.45	0.38	0.47	0.64	-0.41956 0.392337
80.2	77.22	75.46	71.55	-0.18503 0.145592
0	0	0.08	0.04 NA	NA
0.04	0.23	0.34	0.11	-0.04267 0.964931
0.03	0.14	0.04	0.08 NA	NA
2.12	3.96	2.92	3.52	0.636456 0.001642
7.94	5.93	8.69	8.85	-0.07125 0.756325

0.61	1.09	1.36	0.85	0.750548	0.023923
162.63	150.59	178.58	147	0.047536	0.751907
7	5.67	4.9	5.98	-0.20625	0.427274
41.56	49.69	51.31	43.47	0.146946	0.193213
0.03	0	0.02	0 NA	NA	
845.39	704.06	762.92	689.26	-0.23662	0.005392
0.31	0.03	0.07	0.05	-2.23591	6.68E-07
1.92	2.39	1.23	2.26	-0.36381	0.355609
9.21	10.41	11.48	10.11	-0.06534	0.734119
7.54	11.63	8.78	9.38	0.549029	0.000243
6623.84	6447.43	7341.14	6305.26	-0.0596	0.587273
0.06	0	0.03	0.12	-0.59261	0.40706
0.19	0.1	0.26	0.2	-0.44935	0.468782
47.12	61.15	63.62	64	0.35361	2.74E-05
9.87	4.76	7.47	5.92	-0.77468	2.03E-07
4.55	4.87	5.28	4.68	0.05556	0.809404
13.39	12.7	14.1	13.69	0.049204	0.710127
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
35.79	34.19	37.73	39.85	-0.18499	0.183659
27	30.91	28.37	30.08	0.273186	0.002694
10.36	8.99	8.37	7.87	-0.11341	0.662854
54.13	53.64	48.11	55.86	-0.09454	0.412427
107.78	147.95	128.28	142.96	0.354602	2.84E-05
6.72	6.75	6.94	7.98	0.137742	0.296132
7.7	10.05	8.78	10.05	0.432768	0.000106
11.54	3.06	5.38	4.32	-1.34975	7.09E-23
0.04	0.1	0.07	0.03	0.620687	0.379758
0.58	0.64	0.79	0.9	-0.32363	0.606828
8.4	8.9	8.84	9.06	0.00491	0.983224
12.5	12.15	12	11.41	-0.10195	0.544641
3.57	6.01	5.41	6.23	0.732913	8.88E-06
5.82	5.04	4.8	5.26	-0.19492	0.294358
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
2.39	1.25	1.42	2.01	-0.47458	0.069658
6.11	7.14	6.97	8.17	-0.07989	0.795881
2.98	1.92	2.14	2.04	-0.29667	0.128435
119.63	66.77	94.04	88.4	-0.3596	0.000648
16.2	15.33	16.21	13.93	-0.05599	0.824967
2.46	4.53	3.01	4.21	0.273892	0.170626
11.59	16.35	14	18.77	0.295441	0.042002
18.28	26.36	21.09	25.99	0.51632	6.22E-06
3.48	1.96	2.33	1.79	-0.9948	5.60E-07

11.85	16.04	11.96	13.66	0.313208	0.077841
15.9	22.36	20.61	19.72	0.383201	0.000258
0.71	0.83	0.8	0.75	0.169133	0.677155
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
27.67	28.66	29.31	28.88	0.007333	0.97703
12.44	12.22	9.77	11.62	-0.22825	0.040647
11.4	12.18	12.06	12.52	0.039545	0.85662
0.03	0	0	0	NA	NA
0	0.07	0.44	0.05	-0.12982	0.885142
0.07	0.16	0.17	0.06	0.35894	0.601709
0.37	0.16	0.95	0.29	0.411505	0.536932
14.5	14.82	15.44	14.58	-0.03048	0.894838
138.47	126.38	138.24	140.35	-0.06693	0.525325
5.27	7.04	6.39	6.68	0.33051	0.019563
15.76	13.63	14.33	13.24	-0.17331	0.329829
0	0	0	0	NA	NA
10.61	18.02	17.32	17.76	0.519068	9.85E-08
0.05	0	0.56	0	NA	NA
56.59	82.81	72.29	76.89	0.395337	2.84E-05
0	0	0	0	NA	NA
4.22	3.11	2.86	2.63	-0.35503	0.164113
32.11	26.18	28.79	28.24	-0.14343	0.34086
0	0	0.02	0.02	NA	NA
2.38	2.39	2.21	1.58	0.796391	0.00066
8.59	9.82	9.33	9.93	0.149664	0.21395
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0.01	0.01	0	0	NA	NA
16.88	15.67	16.44	18.04	0.028042	0.819846
5.95	5.23	8.28	9.89	0.163514	0.358058
65.73	43.41	47.03	43.68	-0.62703	7.47E-14
2.3	4.87	3.76	4.49	1.076098	8.75E-05
0	0	0	0	NA	NA
0	0.04	0.04	0.02	NA	NA
0.08	0.35	0.52	0.19	0.596209	0.388671
0	0	0	0	NA	NA
1.59	3.66	1.32	1.62	0.815422	0.013095
6.41	6.11	6.29	7.85	0.252958	0.153532
10.91	7.54	8.57	7.76	-0.3577	0.009169
32.11	31.54	28.33	29.26	-0.10041	0.44334
4.97	15.66	10.39	13.56	1.65438	3.44E-22
0	0	0	0	NA	NA

3.58	3.91	2.99	3.74	0.005874	0.983848
10.29	6.8	6.97	6.55	-0.34906	0.014194
28.39	29.03	25.54	26.28	0.274006	0.016689
0	0	0	0	NA	NA
14.08	23.21	19.77	22.16	0.475254	0.000311
343.31	842.45	600.13	690.79	1.003037	2.73E-21
2.45	10.72	7.39	8.65	1.783875	6.34E-38
12.73	12.51	12.7	12.93	-0.06525	0.658761
0.2	0	0.07	0.13	NA	NA
2.56	1.19	1.27	1.08	-0.83736	0.002385
0.08	0	0.17	0.08	NA	NA
0.08	0.13	0.08	0.17	0.435701	0.561469
19.55	15.7	16.91	14.23	-0.32509	0.037975
0.04	0.01	0	0.04	NA	NA
0.02	0	0.08	0.09	-0.26424	0.744464
0.19	0.09	0.28	0.27	-0.27951	0.73382
13.21	11.13	13.54	12.23	-0.28432	0.056419
10.73	17.17	15.01	14.88	0.684401	7.10E-11
2.91	3.6	2.65	3.17	-0.09575	0.719768
2.78	6.98	6.57	6.22	1.070944	3.15E-06
14.22	15.02	13.28	12.46	-0.06051	0.765351
0.38	0.14	0.3	0.59	-0.00774	0.994436
0.25	0.15	0.1	0.08	-0.54491	0.447745
0.02	0.01	0.07	0.01	NA	NA
0.39	0.42	0.12	0.17	-0.41441	0.576761
2.97	3.13	3.4	2.52	-0.25244	0.237977
1.2	1.73	1.49	0.9	0.140157	0.767787
0.47	0.87	0.3	0.34	0.311343	0.638633
9.69	11.28	11.16	13.61	0.303561	0.015763
0.79	0.37	0.32	0.27	-0.76238	0.168788
0.17	0.09	0.15	0.39	NA	NA
35.26	26.89	39.43	27.76	-0.06499	0.673006
11.89	10.04	10.13	9.52	-0.108	0.461982
0.02	0.02	0.02	0.01	NA	NA
6.27	3.05	3.99	3	-0.89329	1.09E-10
17.29	9.14	12.34	12.79	-0.67575	2.76E-05
24.61	22.72	23.44	24.58	-0.12193	0.285298
18.43	18.53	17.79	23.45	0.212962	0.043745
0	0.01	0.01	0.01	0.135608	0.878607
0.24	1.75	1.03	1.22	0.626756	0.045082
0.17	0	0.01	0	NA	NA
10.83	7.16	5.49	7.57	-0.32976	0.025074
0	0	0	0	NA	NA
0.5	0.7	1.14	0.65	0.459692	0.448993
53.9	61.7	61.75	59.29	0.131204	0.175193

7.07	11.41	12.96	13.38	0.477707	1.46E-06
3.76	5.44	6.32	9.21	0.185291	0.734742
31.69	12.64	16.65	14.02	-1.26238	2.57E-39
5.92	8.26	6.15	7.86	0.105386	0.486841
11.94	9.79	10.44	11.57	-0.17354	0.19393
49.31	30.31	29.79	33.56	-0.72606	4.81E-22
0.1	0.11	0.53	0.12	0.287076	0.725022
0.57	4.41	2.74	3.33	1.132586	0.019451
6.88	5.32	5.25	4.84	-0.41433	2.84E-05
1.12	1.19	0.95	1.27	0.590756	0.024112
5.6	5.94	4.61	5.56	0.046295	0.844865
0	0	0	0	NA	NA
0.28	0.22	0.26	0.25	0.045736	0.954743
1.94	2.28	2.44	3.1	0.220895	0.088702
5.88	6.88	6.15	7.78	0.309422	0.024423
0	0.02	0	0	NA	NA
0	0.01	0	0.02	NA	NA
12.46	14.33	14.76	14.42	0.207826	0.316828
0	0.07	0.03	0.05	NA	NA
27.43	15.87	24.13	21.78	-0.412	1.56E-05
18.27	25.32	18.63	23.48	0.146883	0.249736
12.15	15.26	12.4	12.52	-0.00717	0.973763
17.02	42.14	30.28	35.72	1.037944	1.23E-20
3.68	4.47	6.28	3.77	-0.07946	0.714952
34.95	35.35	34.96	40.67	-0.08363	0.514409
0.02	0.01	0.01	0.02	NA	NA
0.07	0.02	0.05	0	NA	NA
7.43	9.04	8.91	8.62	0.061253	0.80114
9.96	8.62	8.21	8.78	-0.09408	0.598232
13.16	12.07	11.92	13.55	-0.29141	0.03954
7	8.56	7.57	8.85	0.201073	0.278077
0	0	0	0	NA	NA
0.02	0.51	0.4	0.13	1.109916	0.07812
6.62	6.67	5.97	6.47	-0.12523	0.57749
10.48	9.68	10.44	11.41	-0.14375	0.373564
73.11	90.62	87.47	82.45	0.270452	0.002431
0.98	1.84	1.14	1.51	0.57915	0.045835
26.34	33.41	34.81	36	0.316072	9.17E-05
36.05	36.44	34.81	36.03	0.113449	0.382262
0	0	0	0	NA	NA
9.57	8.65	7.63	7.57	-0.3774	0.002838
6.92	9.86	8.43	10.32	0.321742	0.00572
0.6	0.68	0.49	0.7	0.20302	0.804014
0.11	0	0.15	0.08	NA	NA
3.74	4.28	3.43	3.88	0.602015	0.000973

0.08	0.02	0.08	0.04	NA	NA
0.04	0.01	0.03	0.03	NA	NA
20.59	14.85	18.28	16.43	-0.32924	0.012322
0.04	0.19	0	0	NA	NA
1.2	0.32	0.82	0.43	-0.59302	0.178604
23.64	43.66	43.94	43.33	0.597285	2.30E-08
0.16	0.23	0.21	0.36	0.628569	0.366441
0	0	0	0	NA	NA
6.38	4.99	5.21	4.76	-0.40131	0.027839
0	0	0.04	0	NA	NA
1.99	1.51	2.01	1.55	-0.36465	0.109352
0.18	0.07	0.14	0.08	NA	NA
31.04	24.75	26.59	23.31	-0.23629	0.043336
0.91	0.11	0.13	0.22	-1.54063	0.0035
0.32	0.08	0.19	0.27	-0.80662	0.13263
30.86	35.79	34.02	34.81	0.127755	0.25284
0.25	0.52	0.89	0.38	-0.32153	0.663635
3.75	5.41	4.5	3.65	-0.08504	0.751876
0	0.03	0.01	0.04	0.137042	0.86956
4.06	7.95	5.73	6.02	0.544614	0.001047
2.55	4.89	3.69	4.14	0.44981	0.00578
4.59	5.2	4.63	4.7	0.089431	0.615093
3.22	5.2	4.8	4.1	0.958307	2.80E-05
0.35	0.17	0.23	0.35	NA	NA
1.11	2.32	1.56	1.6	0.254392	0.319845
16.12	17.66	14.96	16.29	-0.16095	0.185179
38.29	31.62	33.28	33.26	-0.23136	0.002913
1.8	2.94	1.91	2.74	0.324261	0.325444
0.52	0.52	0.29	0.32	0.127673	0.842024
2.97	4.07	5.92	5.45	0.283629	0.384297
0.38	0.06	0	0.02	-2.78244	5.39E-08
0.19	0.07	0.06	0.21	-1.2248	0.000597
25.2	14.52	17.11	13.11	-0.68937	9.64E-11
4.27	5.11	5.34	7.13	0.086543	0.734742
24.85	26.88	25.69	25.61	0.078623	0.497407
5.34	2.51	3.47	3.15	-0.73781	8.57E-06
0.93	1.13	1.03	0.76	-0.27613	0.529935
5.98	3.78	4.3	2.69	-0.67491	0.000121
0	0.08	0.05	0.03	NA	NA
2.53	3.27	3.15	3.8	0.096892	0.710688
1.14	1.58	1.4	1.42	0.33836	0.06157
2.89	7.73	4.26	7.13	0.9328	0.003851
0.05	0.07	0.12	0.05	NA	NA
0.48	1.32	1.17	1.43	0.794979	0.09381
15.86	14.15	16.32	13.57	-0.04596	0.852662

23.82	22.11	21.57	26.64	0.038276	0.768326
0.7	0.37	0.33	0.24	-0.40892	0.557172
2.5	3.71	5.31	4.5	0.163549	0.67193
0.08	0	0.02	0.02	NA	NA
16.83	14.81	16.78	15.39	-0.05976	0.717647
0.24	0.17	0.27	0.22	-0.3516	0.479036
0.49	0.14	0.13	0.24	-1.0044	0.090949
0.14	0.03	0.09	0.03	NA	NA
5.89	8.17	6.37	6.96	0.235326	0.09643
17.18	30.32	28.28	29.37	0.720619	3.67E-18
0.11	0.33	0.16	0.53	0.858379	0.162326
0	0	0	0	NA	NA
2.94	3.46	2.86	3.28	0.049189	0.845577
0	0	0	0	NA	NA
0.11	0.49	0	0.51	0.389034	0.604796
2.49	2.47	2.52	2.79	-0.04885	0.898146
0	0	0	0	NA	NA
0	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
21.22	18.63	19.63	19.15	-0.15481	0.278147
0.01	0	0.01	0	NA	NA
12.67	13.74	11.36	11.5	0.08964	0.608074
14.95	18.29	18.2	19.73	0.047495	0.829763
0	0	0	0	NA	NA
15.19	3.07	4.68	2.18	-2.27161	1.60E-38
0.61	0.45	0.22	0.14	0.052009	0.955141
0.05	0.07	0.04	0.06	NA	NA
0	0	0	0	NA	NA
31.66	37.51	33.53	34.38	0.164254	0.150397
6.29	7.83	7.17	7.49	0.217571	0.087517
12.7	9.55	9.84	9.67	-0.34813	0.004873
5.91	9.19	6.25	7.06	0.55427	7.94E-05
0	0.58	0.11	0.12	NA	NA
51.16	66.48	63.32	68.85	0.383039	1.65E-05
0.02	0	0	0.48	NA	NA
0.94	1.11	1.24	1.36	0.03825	0.925102
215.51	398.88	333.45	371.36	0.670014	2.73E-15
4.82	4.25	4.82	4.9	0.219501	0.062064
0	0.07	0	0.22	NA	NA
1.59	2.09	1.67	2.05	0.073009	0.840324
11.38	10.28	15.41	12.12	0.008789	0.981851

7.45	9.26	8.45	8.54	0.324287	0.066536
0	0	0	0	NA	NA
85.62	289	215.03	240.57	1.32176	3.06E-31
0	0.26	0	0.05	NA	NA
0.12	0	0	0	NA	NA
13.84	8.11	11.39	9.37	-0.41534	0.000273
24.4	29.31	24.83	28.56	0.251536	0.056954
0	0	0	0	NA	NA
3.62	5.09	4.66	4.57	0.338266	0.102826
17.41	18.96	17.26	16.21	-0.01737	0.93851
20.81	23.43	17.07	21.82	-0.1468	0.294435
5.14	8.35	8.87	6.69	0.205802	0.230009
0.09	0.73	0	0.14	NA	NA
0.29	0.2	0.17	0.14	-0.91288	0.038262
0.08	0	0	0	NA	NA
0.02	0.05	0.06	0.03	NA	NA
3	6.4	4.05	4.98	0.714989	0.027274
39.97	39.88	36.35	38.2	-0.22242	0.016463
13.97	22.99	18.42	20.18	0.570713	2.32E-05
1.2	2	2.94	1.35	-0.46673	0.251829
0.23	4.78	1.99	2.08	2.40202	7.60E-08
19.5	21.42	17.88	20.84	-0.14109	0.297125
39.92	40.63	37.77	39.35	-0.0869	0.489193
0	0	0	0.03	NA	NA
0.15	0.22	0.37	0.53	NA	NA
0	0	0	0	NA	NA
4.12	2.96	2.6	2.68	-0.54219	0.004162
0.75	1.04	0.79	0.86	0.18212	0.772349
0.17	0.16	0.13	0.25	-0.24902	0.766621
31.53	35.35	38.21	35.75	0.161453	0.126079
0.07	0.02	0.01	0.09	NA	NA
4.3	4.65	4.5	3.99	0.006877	0.975638
5.98	7.26	5.21	6.55	0.279085	0.109891
3.13	3.23	3.65	3.91	0.066842	0.716221
2.97	1.78	2.34	1.95	-0.25471	0.267055
2.3	2	2.09	2.18	-0.03752	0.942223
14.23	14.37	13.66	11.98	0.059653	0.784205
35.86	46.02	44.27	45.41	0.245151	0.007492
12.3	18.69	14.9	15.5	0.25558	0.130108
3.62	4.99	3.41	2.75	0.175059	0.356637
10.34	12.19	11.96	13.16	0.231665	0.079703
10.26	16.97	14.48	17.71	0.693764	4.85E-08
21.28	22.21	21.87	20.61	0.010184	0.957724
33.87	75.06	60.48	74.68	0.927646	6.92E-20
21.38	20.65	20.93	21.78	-0.20887	0.066673

53.67	60.65	52.37	56.55	0.12082	0.181373
4.5	5.91	5.21	4.85	0.041734	0.903611
6.43	6.23	6.06	6.18	-0.14227	0.336979
0.03	0	0	0	NA	NA
19.89	355.98	163.88	269.03	3.206726	1.13E-21
0	0.03	0.03	0	NA	NA
71.86	119.7	98.95	113.44	0.542573	3.03E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
62.89	80.69	63.29	56.55	0.086568	0.646738
15.29	29.5	17.96	20.87	0.407899	0.019189
55.95	77.62	73.68	77.48	0.379752	7.97E-07
13.63	8.53	13.13	13.46	-0.35225	0.095522
67.12	68.18	65.86	55.13	0.02642	0.886918
0	0.06	0.05	0.03	NA	NA
4.19	3.8	3.67	3.08	-0.31617	0.255545
24.6	31.19	39.99	39.21	0.6708	1.15E-12
0.97	0.88	0.59	1.18	-0.05049	0.900895
0	0.24	0.22	0.08	NA	NA
46.51	52.9	56.02	52.51	0.182453	0.08887
21.96	34.76	32.17	32.89	0.586661	5.77E-07
0.02	0.08	0.09	0.03	0.671849	0.329183
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.27	10.35	6.37	9.36	0.298583	0.05946
0.92	0.47	0.96	0.65	-0.54807	0.075793
0	9.36	3.29	6.7	4.625119	5.93E-27
0.4	1.5	0.9	1.38	1.350038	9.24E-06
9.86	8.48	7.88	7.18	0.040064	0.821129
0	0	0.06	0	NA	NA
0.04	0.02	0.06	0.08	0.59049	0.395794
2.62	3.19	2.99	2.3	-0.27734	0.212763
30.84	37.32	35.09	42.21	0.389756	2.97E-05
266.28	133.14	188.19	156.84	-0.78597	1.36E-10
0	0.01	0.04	0	NA	NA
0	0	0	0.2	NA	NA
46.35	70.1	60.39	66.14	0.476078	2.02E-06
26.04	24.47	24.79	25.34	-0.12786	0.330016
54.49	75.43	69.7	72.88	0.312012	0.001277
7.91	22.24	15.53	16.74	1.152956	1.77E-21
0.04	0.32	0.29	0.85	0.411639	0.592303

128.01	165.43	145.81	149.55	0.153943	0.148693
0	0	0	0	NA	NA
22.19	10.31	13.11	11.42	-0.91898	1.82E-15
0	0	0	0	NA	NA
35.22	57.55	57.28	61.33	0.721425	9.95E-21
1429.22	842.61	1084.36	1095.43	-0.52195	NA
0	0	0	0	NA	NA
3.93	2.62	3.57	2.57	-0.72455	1.94E-05
3.05	1.42	1.97	1.7	-0.89342	1.22E-11
10.85	7.99	7.27	8.15	-0.39159	0.00934
0.01	0.01	0.01	0.01	NA	NA
0	0	0	0	NA	NA
4.65	6.1	4.93	6.37	0.156858	0.258772
45.08	48.14	49.27	54.28	0.138676	0.141768
16.71	19.51	18.39	18.68	0.11987	0.429497
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
19.9	16.14	12.82	15.58	-0.05528	0.734898
0.17	0.22	0.13	0.64	0.619422	0.366495
23.85	27.44	27.94	28.01	0.156155	0.143358
20.47	22.82	20.11	18.05	0.000484	0.998123
13.05	15.38	15.07	15.85	-0.05542	0.795969
0	0	0.01	0.01	NA	NA
0	0	0.09	0	NA	NA
7.68	27.29	21.44	23.34	1.478412	1.75E-40
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
27.54	29.49	26.5	26.62	0.04406	0.711426
44.48	5.19	11.32	9.13	-2.16491	3.73E-10
9.6	4.11	6.97	6.98	-0.60029	0.019159
58.66	51.56	52.57	59.59	-0.12751	0.225454
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0.44	0.38	0.77	0.800057	0.21999
9.4	7.51	6.94	7.2	-0.33036	0.069578
54.64	60.3	58.43	61.2	0.001568	0.992257
0	0	0	0	NA	NA
2.74	4.18	4.64	4.26	0.650782	0.000359
0.1	2.68	1.67	2.31	2.341307	1.66E-09
2.89	2.83	2.96	3.84	0.113066	0.78157
2.87	0.41	0.38	0.33	-1.83048	0.000436
0.36	0.24	0.35	0.22	-0.8274	0.067835

7.67	8.32	8.6	10.78	0.156363	0.32261
11.55	13.33	12.49	13	-0.04117	0.812564
135.16	78.79	78.45	81.81	-0.80757	1.01E-28
35.91	29.58	27.87	30.2	-0.35203	4.54E-05
0.12	0.05	0.42	0.55	0.614487	0.376836
0.46	0.11	0.41	0.24	-0.44972	0.529657
5.89	7.57	6.33	6.24	0.280703	0.058908
2.31	2.66	3.13	1.84	0.331963	0.17191
10.99	15.73	15.45	14.35	0.147847	0.465104
2.03	2.56	2.16	1.72	-0.1916	0.646408
17.27	14.99	15.22	15.02	-0.25797	0.0085
0.07	0.05	0.09	0.05	NA	NA
1.71	1.64	1.47	1.75	-0.12203	0.790174
0.35	0.02	0.03	0.07	-2.10327	8.72E-05
1.35	0.94	0.95	1.24	-0.6261	0.056616
7.59	9.78	8.22	9.48	0.396533	0.001525
0.03	0.07	0.01	0.05	-0.4766	0.525786
0	0	0	0	NA	NA
25.32	22.32	21.68	23.01	-0.13586	0.110708
3.33	4.28	3.53	4.94	0.043806	0.900886
120.19	73.11	79.68	81.93	-0.66251	3.55E-16
11.39	10.2	10.96	12.66	-0.20941	0.113622
5.38	4.74	5.35	4.64	0.05332	0.889637
1.11	1.01	0.79	0.95	-0.44477	0.254904
14.03	16.56	13.72	15.17	-0.07467	0.729065
47.76	55.42	47.15	54.78	0.140911	0.210423
1.89	2.9	2.83	3.17	0.310525	0.127389
6.32	6.38	4.23	6.45	0.089319	0.708328
47.61	59.75	56.91	55.1	0.166509	0.125551
20.79	21.68	21.54	20.93	0.074421	0.635168
12.9	9.65	8.82	9.85	-0.22507	0.096213
6.34	0.42	1.02	1.97	-3.16622	3.77E-32
1.72	2.25	2.54	2.92	0.274079	0.395925
11.76	11.18	14.01	11.92	0.046629	0.813598
0.25	0.16	0.17	0.29	-0.22182	0.774761
10.42	10.81	12.38	14.33	0.272082	0.328099
4.33	5.86	5.29	5.06	0.180843	0.311659
0.51	0.69	0.86	0.95	-0.14515	0.784567
0.18	0.03	0.05	0.11	-0.67329	0.312043
2.39	1.1	1.28	1.13	-0.41273	0.278432
0.68	46.75	45.98	46.54	5.750179	9.76E-298
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0.08	0	0.03	0.12	NA	NA
1.17	2.7	1.45	1.64	0.08905	0.823938
0	0.02	0	0	NA	NA
2.95	2.69	3.32	3.94	0.074237	0.835457
8.94	8.47	8.84	7.93	-0.1053	0.560513
5.23	9.2	5.31	8.06	0.611006	6.25E-05
29.83	9.98	18.59	15.1	-0.94437	0.001718
9.4	17.63	22.65	14.51	0.446656	0.004182
0	0	0	0	NA	NA
0.42	0.17	0.25	0.28	-0.80313	0.163797
5.03	6.02	5.69	6.22	0.159676	0.25552
46.29	59.84	57.66	67.35	0.273749	0.001303
87.37	75.09	82.38	72.74	-0.25875	0.006497
55.47	44.78	54.31	50.2	-0.14077	0.230165
7.19	11.04	8.82	9.46	0.132949	0.45229
17.41	18.78	16.22	19.22	0.009277	0.953663
9.7	12.15	11.09	14.54	0.345061	0.004393
0.61	0.45	0.67	0.56	-0.54333	0.12661
16.9	18.89	18.73	17.34	-0.0447	0.818313
0.07	0.61	0.41	0.61	2.4996	6.95E-12
0	0	0	0	NA	NA
6.43	9.07	7.02	8.48	-0.17187	0.438074
0.04	0.23	0.61	0.15	0.613325	0.38678
0.33	0.17	0.29	0.24	-0.44561	0.322224
0.57	0.55	0.24	0.14	-1.2964	0.02309
9.52	10.94	9.5	11.98	0.143458	0.590646
17.29	23.39	27.93	28.82	0.5894	3.55E-11
1.08	0.38	0.16	0.35	-0.38112	0.624592
10.96	10.36	9.68	9.37	-0.21792	0.27089
85.69	61.43	68.89	69.88	-0.3636	6.25E-06
5.27	7.6	6.62	6.55	0.242427	0.086545
23.1	20.7	22.91	20.94	-0.02514	0.861694
1.91	1.06	1.02	0.9	-0.2844	0.473947
7.82	6.18	7.06	6.6	-0.12898	0.27069
9.05	9.45	9.97	11.3	0.339229	0.002551
0.08	0	0	0	NA	NA
59.28	40.57	54.94	46.6	-0.45241	7.12E-05
0.87	0.38	1.84	0.78	0.434229	0.569445
0.5	0	0.15	0.28	NA	NA
1.97	1.56	2.33	1.69	-0.47605	0.02146
9.3	6.34	7.52	7.02	-0.61042	4.38E-06
4.68	12.64	9.3	10.53	1.041926	4.27E-12
3.81	3.13	3.82	3.67	-0.25348	0.201762
0	0	0	0	NA	NA

4.23	3.21	4.7	3.72	0.062698	0.896404
0	0	0	0	NA	NA
1.32	1.12	1.15	0.93	-0.3838	0.29684
11.28	11.5	13	13.67	-0.04917	0.760637
6.22	5.13	5.07	5.07	0.139452	0.56762
0.18	0.32	0.13	0.12	-0.12947	0.877298
0.09	0.06	0.04	0.06	NA	NA
3.92	3.98	4.41	4.57	-0.03633	0.916659
39.59	33.64	35.25	34.63	-0.27065	0.003582
20.35	24.36	21.05	19.85	0.030016	0.86863
4.43	4.26	3.85	3.13	-0.36065	0.117865
18.22	17.58	17.36	18.75	-0.18462	0.108137
19.57	17.54	17.14	20.43	-0.187	0.273049
0.8	0.51	0.6	1.14	-0.89477	0.007467
0.79	0.08	0.43	0.09	-1.11414	0.016582
3.41	5.88	6.62	6.32	0.824189	1.08E-05
0.37	0.45	0.51	0.31	-0.01188	0.989193
0.28	0.51	0.37	0.43	NA	NA
0	0	0	0	NA	NA
2.33	1.84	2.09	2.23	-0.2868	0.331994
15.19	15.21	15.9	22.39	0.351239	2.37E-05
10.41	12.48	11.75	10.89	0.112032	0.586972
12.18	23.31	17.9	21.31	0.758491	2.64E-08
14.8	18.83	14.8	18.53	0.180362	0.1163
0.87	0.5	0.64	0.5	-0.26085	0.55896
0	0	0	0	NA	NA
2.93	2.14	2.01	2.1	-0.50243	0.026022
3.25	8.76	8.71	8.81	1.043232	9.94E-06
18.39	14.7	14.92	13.71	-0.4741	1.37E-06
31.13	31.24	30.48	33.7	0.046177	0.735342
0.02	0	0.06	0.05	NA	NA
0	0.1	0	0.22	NA	NA
21.45	27.71	26.97	25.41	0.291	0.006599
0	0.01	0	0	NA	NA
11.68	19.17	13.81	18.12	0.545639	3.69E-05
9.33	13.62	10.14	14.53	0.313465	0.081421
157.5	124.56	113.82	112.2	-0.44277	7.11E-10
15.6	14.21	14.79	14.88	-0.11817	0.339118
8.3	7.44	7.42	7.78	-0.26027	0.079393
44.66	49.16	46.48	52.51	0.157379	0.071479
2.32	2.43	2.24	1.56	0.182985	0.50822
47.13	40.94	50.36	51.98	0.11112	0.354228
0.06	0.08	0.06	0.06	-0.24923	0.766424
13.2	18.04	16.3	17.35	0.283706	0.019775
25.6	22.52	21.07	20.77	-0.29132	0.006868

84.33	57.63	51.82	52.82	-0.73207	1.94E-16
12.48	14.92	12.82	14.98	-0.00487	0.98135
4.58	5.07	3.56	3.43	-0.42836	0.055676
18.37	20.08	17.38	19.89	-0.00129	0.995104
1.64	1.71	1.73	1.87	0.020956	0.964931
20.66	20.12	18.59	18.73	-0.21965	0.159455
9.07	11.1	9.44	10.01	0.156494	0.28259
239.17	193.71	203	188.45	-0.37147	3.27E-07
0	0	0	0	NA	NA
2.62	1.3	2.13	1.87	-0.52825	0.029597
13.66	20.02	18.29	16.05	0.232405	0.214309
0	0	0.02	0	NA	NA
9.68	15.8	14.06	16.28	0.514614	4.47E-06
0	0	0	0	NA	NA
10.88	12.62	13.97	12.19	0.259073	0.25414
7.41	7.64	8.14	6.39	0.012697	0.963692
0.19	0.33	0.12	0.03	-0.26855	0.744351
0	0	0	0	NA	NA
0	0.11	0.11	0	NA	NA
1.89	0.42	0.5	0.69	-1.4605	0.000319
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
16.47	25.77	23.55	21.69	0.381965	0.000821
0.04	0	0	0	NA	NA
0	0.35	0.16	0	NA	NA
0.2	0.38	0.25	0.27	0.50312	0.497407
13.78	29.75	23.6	26.2	0.752939	1.34E-11
6.16	6.24	6.56	6.95	0.180732	0.38061
21.14	15.32	16.98	14.72	-0.58412	1.33E-05
329.77	222.9	267.92	317.05	-0.44587	0.000361
55.79	61.7	58.26	56.88	-0.07003	0.604355
0.99	1.24	1.01	1.19	0.211563	0.490351
0.33	0.17	0.29	0.04	-0.61146	0.3828
20.45	16.57	19.22	18.02	-0.1722	0.153894
1	2.43	1.26	1.75	0.088385	0.834135
8.72	8.87	7.82	8.23	0.040979	0.822185
5.27	4.2	4.81	5.27	-0.20221	0.2822
0	0	0	0	NA	NA
13.46	17.76	17.62	19.68	0.417722	0.000293
0.41	0.02	0.28	0.08	-0.17585	0.841829
14.48	20	15.62	17.51	0.174786	0.166587
4.95	3.88	6.35	5.32	0.01352	0.971477
0	0	0	0	NA	NA
2.26	1.34	2.68	1.63	0.598326	0.125119
9.44	5.62	6.67	7.02	-0.21509	0.254802

843.4	808.4	851.32	784.26	-0.07423	0.388284
183.03	181.72	198.72	179.14	0.015791	0.900897
800.46	756.34	769.67	721.12	-0.19066	0.014009
11.31	10.47	9.69	15.77	0.111076	0.362291
0	0	0	0	NA	NA
7.18	13.14	9.22	7.18	0.177653	0.356587
0.91	0.32	0.44	0.75	-0.27701	0.632605
5.3	3.89	3.49	4.44	-0.40073	0.014092
0	0.24	0	0	NA	NA
50.01	62.12	60.39	59.19	0.139184	0.231191
0.04	0.06	0.08	0.09	0.337053	0.672478
18.24	32.8	31.05	38.86	0.967746	1.04E-17
0.02	0.02	0.04	0.03	NA	NA
0	0	0	0	NA	NA
1.1	1.81	0	2.41	NA	NA
1.05	0.64	1.17	1.09	-0.16386	0.760359
9.92	8.51	9	9.42	-0.11893	0.582085
0.03	0.02	0.05	0.03	NA	NA
33.26	25.26	27.2	27.08	-0.52222	3.94E-10
262.41	219.24	227.95	235.38	-0.27588	7.83E-05
18.03	27.88	24.36	25.22	0.322751	0.00324
20.84	21.36	21.12	20.63	-0.12165	0.278147
2.63	1.98	1.72	2.08	0.119568	0.764373
108.63	76.28	66.34	81.15	-0.50321	6.04E-08
9.57	8.94	9	9.03	0.025581	0.942245
2.82	3.83	3.66	3.52	0.198579	0.488918
0.03	0.01	0.01	0	NA	NA
9.01	4.81	6.56	5.77	-0.53586	0.009296
11.04	4.79	7.71	5.62	-0.9192	9.95E-05
1.36	0.58	0.88	0.6	-0.81112	0.029732
0.45	0.59	0.6	0.43	0.315392	0.553412
0	0.32	0	0.19	NA	NA
6.57	4.75	5.49	5.56	-0.51358	0.000758
0.12	0.14	0.14	0.14	0.151617	0.797745
0.02	0	0.01	0	NA	NA
25	9.32	13.59	12.12	-1.06891	3.60E-13
27.68	27.96	28.12	33.33	0.101997	0.490169
8.92	12.85	10.2	11.95	0.250346	0.02254
22.75	22.21	24.77	21.49	-0.11655	0.414167
76.14	134.14	118.18	117.99	0.667276	NA
49.5	52.62	55.69	53.82	0.180256	0.072747
8.06	4.98	5.32	5.59	-0.11142	0.619647
4.01	3.23	3.14	3.32	-0.21418	0.467
0.14	0.02	0.11	0.02	-0.45761	0.540471
0	0.05	0	0	NA	NA

0	0	0	0	NA	NA
6.48	10.93	9.57	11.28	0.673448	1.08E-05
0	0	0	0	NA	NA
173.51	243.53	248.18	255.51	0.431191	7.87E-08
0	0	0	0	NA	NA
8.18	14.61	11.57	13.68	0.546708	0.000304
0	0	0	0	NA	NA
2.66	3.87	3.87	4.38	0.499104	0.040458
0.05	0.02	0.05	0.05	NA	NA
0	0	0	0	NA	NA
0.52	1.67	1.33	1.55	0.919994	0.008908
18.87	23.22	20.68	20.25	0.220336	0.082266
0.18	0	0.03	0	NA	NA
61.88	92.96	81.37	86.87	0.428867	1.09E-06
27.34	26.81	30.09	30.34	-0.04308	0.841869
0.54	0.97	0.94	1.29	0.168277	0.666379
4.97	2.4	3.09	3.18	-0.77936	2.51E-05
1.26	1.17	1.38	1.93	-0.32325	0.364405
47.35	25.05	28.25	26.71	-1.05357	2.44E-26
7.15	17.04	14.46	16.17	1.084512	3.58E-25
0.33	0.88	1.11	0.58	1.024456	0.051241
4.32	3.31	5.38	4.06	-0.17013	0.500606
0	0	0	0	NA	NA
12.17	11.78	12.23	13.35	0.09084	0.537696
13.68	7.25	9.17	8.03	-0.70511	5.25E-06
10.9	14.68	13.45	13.54	0.398983	0.000247
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0	0.47	0	NA	NA
0.39	0.2	0.3	0.35	-0.58561	0.351431
0.02	0.02	0	0.08	NA	NA
24.98	28.81	26.27	29.14	0.193839	0.094875
0.18	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0.25	1.02	0.39	0.81	0.70362	0.109327
1.63	2.92	2.4	3.51	0.788047	0.004198
13.3	13.67	12.92	15.45	0.129549	0.60451
16.12	5.58	7.87	9.23	-0.99725	2.20E-11
0	0	0.04	0.07	NA	NA
2	3.28	0.47	2.22	0.350779	0.658057
0.02	0.13	0.13	0.24	0.91016	0.15789
0	0	0	0	NA	NA
6.63	5.64	5.81	4.98	-0.29011	0.18612
17.37	22.94	24.04	23.87	0.175719	0.171008
6.68	2.71	5.69	4.06	-0.69211	0.002066

336.96	364.86	387.75	369.32	0.149659	0.055876
1131.73	1045.23	1196.89	1017.71	-0.09386	0.422944
0	0	0	0	NA	NA
3.72	6.95	5.3	5.43	0.401672	0.117021
16.3	8.62	11.65	11.22	-0.59316	0.000891
0	0	0	0	NA	NA
9.38	9.38	9.11	11.29	-0.02475	0.913388
38	44.73	40.98	36.71	0.007637	0.962623
0.57	1.26	1.83	1.19	0.21504	0.717422
0	0	0	0	NA	NA
0	0	0	0	NA	NA
18.81	20.72	19.67	24.84	0.182928	0.234227
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.14	0.8	0.4	0.81	0.450194	0.476741
0.73	0.79	0.77	0.83	0.062141	0.884574
3.21	3.9	4.92	3.36	0.016042	0.948385
44.96	21.44	30.4	27.15	-0.76713	2.40E-10
0.1	0.02	0.09	0.05	NA	NA
0.26	0.5	0.47	0.53	0.966433	0.082696
0.95	1.43	1.08	1.55	0.544174	0.111496
21.25	18.83	20.39	20.91	-0.21239	0.180746
0	0	0.09	0	NA	NA
11.1	8.18	8.32	10.28	-0.07311	0.774425
8.06	4	5.48	4.44	-0.98621	1.71E-24
0.77	0.39	0.36	0.38	0.51964	0.217343
2.75	3.88	2.53	3.49	0.132169	0.621973
2.12	1.48	1.41	1.26	-0.67191	0.001169
291.96	147.18	167.89	153.93	-0.94884	1.03E-28
1.39	1.73	0.8	1.11	0.022013	0.975797
0.07	0.28	0.27	0.02	NA	NA
0	0	0	0.06	NA	NA
68.64	76.39	80.12	76.1	0.117737	0.285493
3.53	3.24	2.47	2.72	-0.07353	0.848046
19.44	16.99	14.89	17.93	-0.04538	0.849506
9.43	10.35	9.29	10.07	0.184922	0.328014
24.18	32.45	28.95	29.64	0.339769	0.000433
22.34	33.06	28.69	30.69	0.366761	0.001028
2.9	3.76	3.32	3.68	0.073474	0.80714
606.68	521.75	564.64	504.81	-0.24807	0.003309
0	0	0	0	NA	NA
14.1	34.41	21.37	28.86	0.802817	5.29E-09
21.04	27.49	26.32	29.26	0.166249	0.266824
16.71	12.88	16.09	15.49	-0.30801	0.017912
3.55	3.27	2.96	2.86	-0.30082	0.048648

4.27	6.77	5.64	5.14	0.143218	0.497884
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
3.56	0.59	1.96	1.65	-0.90954	0.047623
0.01	0	0.01	0.01	NA	NA
33.04	44.45	40.69	45.52	0.281859	0.002837
0.05	0.24	0.3	0.33	0.167257	0.850226
0	0	0	0	NA	NA
7.26	7.74	6.66	6.48	-0.22308	0.138255
9.97	6.5	6.8	7.26	-0.44545	9.15E-06
0.09	0	0	0	NA	NA
35.17	23.09	24.89	21.52	-0.69136	4.14E-09
17.08	16.12	16.83	14.44	-0.03282	0.910213
1.62	2.29	2.25	2.25	0.286971	0.222089
0	0	0	0	NA	NA
2.28	2.46	2.4	1.89	-0.11617	0.736669
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.64	10.18	8.6	12.77	0.020528	0.885047
42.23	45.53	34.89	40.88	-0.11081	0.425199
2.74	2.86	2.4	2.73	-0.10127	0.658595
0.01	0.01	0.02	0.01	NA	NA
28.65	43.13	37.8	39.73	0.35129	0.000356
0.88	3.37	2.49	2.94	1.614329	2.37E-18
2.4	4.46	3.86	3.94	0.476971	0.00615
1.16	1.12	1.48	1.99	-0.07184	0.87152
59.4	41.33	49.05	46.31	-0.4733	6.82E-09
27.71	22.45	30.05	27.5	-0.04332	0.818129
69.25	74.15	58.6	63.37	-0.0885	0.382033
2.04	1.14	1.67	1.49	-0.4663	0.038602
0.14	0.25	0.27	0.19	-0.15327	0.860896
10.76	8.93	10.91	10.95	-0.03927	0.871365
0.38	0.18	0.31	0.1	-0.83387	0.212849
0	0	0	0	NA	NA
37.93	25.8	24.74	24.11	-0.52188	3.62E-09
0	0	0	0	NA	NA
0.23	0.24	0.28	0.39	0.201866	0.767575
0.43	0.22	0.32	0.45	-0.20872	0.780423
0.03	1.4	0.29	0.92	2.14999	8.48E-05
4.46	10.93	7.11	7.96	1.06964	6.01E-08
0.15	0.68	0.4	0.34	1.089147	0.043686
92.3	77.21	76.8	79.13	-0.30913	0.000108
0.15	0.01	0.01	0.01	NA	NA
0.03	0.08	0.22	0.16	0.801157	0.235035
34.63	19.97	24.82	21.34	-0.6579	1.65E-11

36.01	44.51	39.35	39.74	0.13239	0.308023
27.91	26.12	23.33	23.17	-0.26907	0.012415
46.16	48.93	50.23	46.29	0.16412	0.107029
9.36	9.15	9.97	9.53	-0.01272	0.939145
1.19	0.16	0.29	0.29	-0.89425	0.167137
4.64	4.31	6.17	5.53	-0.2961	0.134847
0.01	0.01	0.02	0.02	NA	NA
8.16	27.62	16.92	22.21	1.420215	1.96E-19
5.42	0.46	0.63	0.71	-3.27543	2.47E-50
0	0.02	0.03	0.05	NA	NA
0	0	0.2	0	NA	NA
3.37	1.74	1.35	2.12	-0.4145	0.15055
335.11	267.79	274.39	273.84	-0.30284	0.000123
34.57	28.53	27.03	26.93	-0.21581	0.132392
66.1	35.89	50.31	45.38	-0.63787	9.20E-08
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
3.55	1.87	2.49	1.53	-0.84855	0.000611
0	0	0	0	NA	NA
2.99	1.97	2.51	2.56	-0.32499	0.110986
6.68	4.45	8.29	5.1	-0.59306	0.001445
6.56	7.48	7.19	7.03	0.216328	0.061362
30.14	34.38	38.58	34.65	0.116966	0.479777
5.02	6.49	6.44	6.27	0.262663	0.064149
34.15	28	32.54	31.05	-0.2417	0.017028
35.08	5.5	8.2	8.35	-1.91243	5.00E-49
18.83	12.61	14.84	17.61	-0.23631	0.178018
15.64	76.32	52.11	65.53	1.954296	2.69E-47
0.17	0.16	0.09	0.11	-0.34588	0.657838
0	0	0	0	NA	NA
5.41	7.72	6.77	7.1	0.401089	0.015262
0	0	0	0	NA	NA
17.71	17.32	17.09	15.49	-0.21572	0.115298
0.17	0.01	0.05	0	-1.83193	0.001243
3.41	2.27	1.57	2.44	-0.65985	0.001712
12.36	11.46	16.03	14.14	0.190656	0.195631
1.54	0.74	0.59	0.6	-0.37719	0.471929
0.14	0.1	0.06	0	NA	NA
11.1	14.2	14.3	11.55	0.270018	0.151951
1.31	0.25	0.28	0.29	-2.60771	8.21E-15
27.1	19.21	24.99	24.06	-0.25292	0.056255
1.47	1.24	2.45	1.87	0.348681	0.293107
2.1	6.62	5.69	8.8	1.802192	2.70E-38
8.57	12.18	10.86	10.92	0.494839	0.000115
0.08	0	0.13	0.03	NA	NA

0	0	0	0	NA	NA
0.18	0.07	0.06	0.11	0.12537	0.889599
0	0	0	0	NA	NA
0.42	0.11	0.14	0.3	-1.01899	0.026065
4.21	3.41	3.58	3.38	-0.28071	0.024423
6.45	2.24	3.1	3.41	-1.22476	8.02E-13
11.31	14.87	14.2	13.13	-0.05172	0.778245
5.1	7.86	5.94	8.08	0.604758	5.71E-07
0	0	0	0	NA	NA
5.4	11.09	7.86	9.31	0.73503	2.18E-07
106.58	113.19	110.09	107.9	0.011681	0.93095
0.99	0.04	0.07	0.17	-1.33944	0.019977
0	0.02	0.02	0.06	NA	NA
11.98	9.02	9.09	8.47	-0.14209	0.303657
2.1	2.22	2.5	2.41	0.15428	0.560786
0.12	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.01	0.02	0.03	-1.09734	0.081682
13.37	33.01	23.69	27.32	0.937997	2.44E-12
92.26	95.26	85.28	90.93	0.006489	0.957724
214.86	144.65	150.48	164.62	-0.60504	1.25E-17
20.56	23.52	20.1	19.91	0.023733	0.8753
113.16	117.47	124.26	122.77	0.086296	0.375365
4.37	3.14	3.57	3.86	-0.32424	0.028328
0	0	0	0	NA	NA
0.8	0.85	0.36	0.8	-0.46958	0.284627
0.56	0.91	0.67	0.59	0.258646	0.657413
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
1.39	1.14	1.28	1.03	-0.05945	0.937483
0.61	1.01	0.7	0.85	0.174397	0.643899
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.45	0.97	1.88	0.98	0.412933	0.198878
0	0	0	0	NA	NA
1.5	6.85	3.89	4.95	1.468691	2.99E-09
2.33	2.37	2.3	2.52	0.083045	0.769317
3.52	0.63	1.06	0.94	-1.20931	0.000388
0.03	0.1	0.1	0.05	NA	NA
0	0	0	0	NA	NA
5.66	5.88	6.5	6.19	-0.07308	0.70361
19.06	34.95	37.39	33.83	0.564349	8.48E-11
10.86	6.17	10.21	7.27	-0.24792	0.199149
0.93	0.84	0.63	0.71	0.160546	0.835457
0.3	0.12	0.13	0.31	-0.29491	0.669911

11.15	13.59	11.63	12.09	0.238993	0.063674
2.93	3.58	4.19	4.29	0.345196	0.002694
4.37	6.12	5.19	4.64	-0.17116	0.480098
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.24	0.12	0.62	0.36	-3.72841	1.24E-14
5.1	6.1	5.81	5.38	0.169078	0.457182
6.23	5.21	4.92	3.98	-0.60809	1.84E-06
6.26	5.14	3.7	5.55	-0.16776	0.416645
0.02	0	0	0.03	NA	NA
0	0	0	0	NA	NA
56.87	41.94	44.23	47.15	-0.56916	5.04E-07
0	0	0.05	0.03	NA	NA
0.27	0	0.15	0.14	NA	NA
7.59	5.24	5.88	5.65	-0.30845	0.091653
0	0	0	0	NA	NA
31.83	51.26	46.74	48.13	0.559826	1.94E-11
0	0.22	0.05	0	NA	NA
0.91	177.91	33.34	85.41	4.349797	3.59E-19
0.49	3.56	2.89	4.09	1.883793	4.95E-07
0	0.11	0.08	0.15	1.00386	0.117487
0	0	0	0.02	NA	NA
115.79	98.45	92.42	91.03	-0.33284	2.24E-05
24.85	29.14	29.82	27.84	0.042232	0.84658
0.22	0.28	0.22	0.23	-0.51288	0.466718
34.88	34.84	33.32	36.08	-0.06726	0.566749
1.94	2.95	2.19	2.94	0.75484	5.73E-06
3.54	2.71	3.55	3.35	-0.1521	0.611599
4.76	5.3	5.18	5.48	0.166452	0.340203
3.31	3.83	3.1	3.42	0.143804	0.576583
0.04	0	0	0	NA	NA
3.08	1.45	0.96	1.21	-0.85074	0.003165
3.36	0.97	2.11	1.4	-1.2932	4.78E-13
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
25.18	20.93	20.59	22.88	-0.17836	0.276473
26.33	23.95	25.88	22.86	0.042567	0.867232
2.72	3.41	3	2.4	0.356865	0.132181
8.06	8.27	6.8	7.7	-0.12252	0.653715
0	0.04	0	0	NA	NA
16.98	10.45	11.58	11.68	-0.69737	6.78E-08
12.13	15.69	10.94	11.96	0.523824	0.001001
0.03	0.08	0.02	0.06	NA	NA
0	0.01	0	0.03	NA	NA

0	0	0	0	NA	NA
4.27	6.75	2.41	3.67	-0.34911	0.344608
0.3	0.41	0.29	0.37	-0.13636	0.850555
0	0.1	0.03	0.06	NA	NA
1.38	0.28	0.46	0.28	-0.48788	0.274281
30.48	39.93	36.85	36.43	0.313536	0.006534
3.64	3.32	4.02	4.16	0.129305	0.715065
0.56	0.7	0.94	0.63	-0.28176	0.569451
0	0	0	0	NA	NA
0.17	0	0	0	NA	NA
2.53	1.39	1.57	1.62	-0.53435	0.003531
0.08	0.09	0.05	0.06	NA	NA
0.94	0	0	0	-3.14256	3.31E-09
2.44	2.19	1.81	2.12	-0.55322	0.006534
8.28	6.01	6.35	6.71	-0.32387	0.010081
0	0	0.16	0.06	NA	NA
9.68	9.28	8.21	10.84	-0.16763	0.470902
152.58	177.46	172.84	159.87	0.105974	0.310036
0	0	0	0	NA	NA
11.92	4.78	5.54	4.59	-1.11408	2.70E-16
0.39	0.11	0.06	0.11	-0.86607	0.155016
0.15	0.34	0.21	0.2	-0.10041	0.905775
2.83	1.57	1.54	1.61	-0.61358	0.014842
20.77	26.22	25.59	24.32	0.3395	0.002891
6	3.44	6.39	4.5	-0.46109	0.018629
0	0	0	0	NA	NA
0	0.1	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0.22	0.13	0.12	1.92166	0.000797
0.22	0.3	0.41	0.34	0.949392	0.071613
0	0	0	0	NA	NA
6.16	4.5	4.17	3.61	-0.47464	0.003291
0	0	0	0	NA	NA
7.5	9.8	8.81	9.48	0.27266	0.036708
0	0	0	0	NA	NA
43.31	37.84	46.97	41.17	0.006959	0.962964
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0.15	0.25	0.956985	0.116976
9.97	10.45	10.19	10.68	-0.01252	0.938852
1.66	1.07	0.91	1.15	-0.21783	0.687905
5.47	45.21	27.21	42.36	2.139892	1.14E-12
6.12	15.79	15.46	16.46	1.160928	1.32E-17
12.84	9.03	10.59	8.25	-0.20212	0.314778
0.06	0.13	0.2	0.26	-0.00716	0.99506

0.04	0.11	0.11	0.07	NA	NA
0	0	0	0	NA	NA
3.65	3.84	3.2	2.92	-0.19022	0.461183
16.74	17.87	16.47	17.6	0.042592	0.858435
0.16	0.22	0.14	0.4	NA	NA
19.93	23.34	17.57	22.02	0.028097	0.888287
20.64	21.23	19.18	21.26	0.135612	0.305234
12.77	23.31	18.74	20.26	0.682591	1.54E-08
13.56	16.1	15.06	14.61	0.112692	0.414743
17.71	15.72	14.27	15.71	0.076854	0.818129
17.63	10.97	9.7	10.33	-0.46199	9.53E-05
620.65	675.73	641.23	646.83	0.028418	0.800434
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.31	5.39	5.14	4.19	-0.10182	0.57022
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.22	0.43	0.4	-0.46571	0.419838
0.15	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.04	0.01	0.06	NA	NA
0	0	0.03	0	NA	NA
9.54	6.63	4.81	6.06	-0.89995	6.51E-11
0.7	0.79	0.62	0.63	0.0015	0.997073
0	0	0	0	NA	NA
8.95	7.61	7.41	8.77	-0.10659	0.524881
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
9.04	9.89	8.65	8.75	0.128271	0.503256
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
3.87	4.39	4.07	3.22	0.137254	0.575291
0.83	0.47	0.71	0.62	-0.1743	0.69546
0	0	0	0	NA	NA
96.62	173.97	117.25	147.71	0.600903	1.54E-06
5.45	5	4.2	5.23	0.027997	0.926237
16.97	20.29	25.86	23.14	0.138456	0.541089
29.44	34.23	31.18	31.73	0.221781	0.030715
10.66	8.36	10.4	8.24	-0.23855	0.158567
2.57	2.22	5.1	2.64	0.061981	0.821262

0	0	0	0	NA	NA
15.78	9.2	9.28	9.84	-0.71797	8.42E-07
86.06	65.59	77.47	75.31	-0.34883	0.000131
5.24	3.84	7.72	6.14	0.217139	0.414993
10.52	11.73	11.46	11.75	0.080337	0.614538
10.69	15.93	14.41	16.39	0.560217	2.54E-10
0	0	0	0	NA	NA
0.12	0	0.07	0.22	NA	NA
0	0	0	0	NA	NA
924.6	272.26	550.51	415.48	-1.09723	0.000117
0.63	0.58	1.21	2.41	-0.06063	0.946459
0.19	0.35	0.38	0.52	0.230348	0.776743
19.34	21.13	22.73	21.87	0.014038	0.936155
0.86	1.13	1.15	1.16	0.331064	0.407118
0	0	0	0	NA	NA
13.76	14.02	12.96	13.97	-0.04174	0.819846
0.02	0.03	0.06	0	NA	NA
31.86	28.92	28.91	27.11	-0.21832	0.092222
7.65	16.07	15.15	15.12	0.820532	7.20E-09
3.91	2.46	2.63	3.14	-0.46107	0.007765
0	0	0	0	NA	NA
0	0.01	0.01	0.01	NA	NA
139.26	160.45	145.74	150.43	0.113239	0.224551
0.98	0.1	0.3	0.32	0.345959	0.662948
2.69	1.66	2.21	1.65	-0.32828	0.186781
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.13	5.57	5.77	5.17	0.071371	0.62424
851.07	513.15	641.35	628.27	-0.6018	6.80E-12
7.12	0.14	0.14	0.09	-5.38322	1.92E-95
0.74	4	4.84	4.86	2.654482	2.98E-17
0	0	0	0	NA	NA
30.42	27.7	29.21	29.18	-0.09872	0.454285
0.57	0.68	0.39	0.65	-0.53507	0.325515
772.98	1307.9	1209.72	1239.98	0.667945	1.40E-21
3.04	2.53	3.01	2.58	-0.52614	0.009933
102.83	131.78	120.94	127.63	0.104517	0.457081
0	0	0	0	NA	NA
204.65	186.64	193.05	180.39	-0.18064	0.024754
0.22	0.32	0.11	0.15	NA	NA
55.11	59.28	61.75	58.38	0.01485	0.912803
1.95	2.35	1.59	1.77	0.045555	0.919582
166.55	222.2	193.48	194.22	0.250249	0.006191
15.01	20.85	18.95	19.79	0.245434	0.124551
15.89	16.62	13.37	15.61	-0.25734	0.043368

3.69	2.64	3.07	2.5	-1.04701	2.52E-07
2	1.05	0.9	0.87	-1.08537	2.62E-05
0.03	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.07	0.18	0.05	NA	NA
1.75	1.06	1.16	0.91	-0.51774	0.101181
0.04	0	0.01	0	NA	NA
7.47	7.62	8.46	7.74	0.034167	0.869561
57	58.49	65.11	63.66	0.147463	0.200269
56.74	79.55	74.71	79.65	0.40049	2.05E-07
0	0	0	0	NA	NA
20.21	21.62	26.79	27.95	0.434806	0.000175
7.84	5.1	5.3	5.43	-0.72266	6.22E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
339.88	332.42	359.35	367.64	-0.05232	0.61387
6.93	5.9	5.22	4.65	0.161485	0.487323
39.78	49.91	39.22	38.82	0.164147	0.131901
5.41	7.57	7.36	7.47	0.652841	0.001255
0	0	0	0	NA	NA
4.04	1.38	1.49	1.42	-1.46266	3.54E-18
0	0	0	0	NA	NA
0.9	0.98	1.13	1.04	-0.17411	0.666468
1.62	1.05	1.24	1.62	0.199995	0.679367
9.8	8.81	10.29	11	-0.16702	0.245818
36.21	19.67	25.48	23.75	-0.68675	2.21E-08
0.99	1.48	1.49	1.45	0.51113	0.064618
0.01	0	0	0	NA	NA
41.54	15	19.37	19.45	-0.66073	1.77E-11
0	0	0	0	NA	NA
0.08	0.03	0.03	0	-1.11134	0.069776
141.56	67.94	92.16	79.96	-0.84086	6.50E-15
0	0.25	0	0	NA	NA
0	0.1	0.13	0.06	NA	NA
11.98	10.14	15.91	12.79	0.408559	0.005829
0	0	0	0	NA	NA
25.09	12.41	18.8	14.48	-0.79253	4.40E-05
0	0	0	0	NA	NA
0.28	0.94	0.78	0.68	1.750778	9.71E-09
2.42	1.24	1.05	0.98	-0.55933	0.055689
48.36	35.79	40.79	38.15	-0.28504	0.005971
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.3	4.62	4.03	4.29	0.679603	1.51E-07

27.74	30.28	29.63	29.83	0.249105	0.01088
0	0.03	0.02	0	NA	NA
6.23	5.7	4.45	5.66	-0.57837	0.00663
18.85	18.84	22.33	17.36	0.204498	0.113795
6.37	5.31	4.45	7.42	-0.05603	0.836041
0	0	0	0	NA	NA
2.86	2.82	2.15	2.2	-0.16226	0.525293
0.04	0	0.17	0	NA	NA
0	0	0	0	NA	NA
0.07	0.03	0.21	0.11	-0.0544	0.951848
14.05	15.7	15.62	15.25	-0.05647	0.686302
5.04	5.3	5.23	6.89	0.29046	0.142979
5.53	2.84	4.26	3.26	-0.99324	6.59E-21
0	0	0	0	NA	NA
0.1	0.25	0.03	0.11	NA	NA
0	0	0	0	NA	NA
3.68	1.29	2.07	1.71	-0.77622	0.00733
31.18	24.46	30.09	26.19	-0.19848	0.206679
5.78	8.12	7.98	9.12	0.26115	0.056646
31.87	35.31	31.25	31.6	0.144586	0.27578
6.43	11.07	10.68	11.31	0.77377	4.29E-16
0.54	4.61	2.63	3.67	2.74687	2.21E-29
3.49	1.45	1.63	2.4	-0.89366	8.31E-06
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
16.85	20.72	18.79	18.75	0.172597	0.171434
12.05	20.56	14.02	16.75	0.573224	3.76E-05
53.05	45.27	50.34	51.04	-0.12627	0.280762
327.45	95.28	201.88	143.85	-1.07332	0.000934
0.15	0.09	0.16	0.39	-0.54597	0.456496
0.14	0.44	0.25	1.01	1.606237	0.000348
20.57	19.59	19.17	19.94	0.154999	0.241295
234.64	197.6	185.62	155.05	-0.29912	0.015386
22.75	34.64	27.17	29.35	0.367385	0.000611
6.14	3.82	5.49	3.57	-0.02497	0.914411
2.63	6.12	4.77	5.31	0.717215	0.000264
0	0.04	0	0	NA	NA
2.07	1.87	2.3	1.96	0.485129	0.131494
1.72	1.21	1.03	1.21	-0.21739	0.474427
14.99	12.83	14.45	13.43	-0.20334	0.055398
0.38	0.29	0.24	0.51	-0.66377	0.236544
17.68	17.04	15.75	16.44	-0.33201	0.014888
20.23	36.75	26.33	29.56	0.54441	2.96E-05
2.01	1.71	1.97	2.08	-0.02875	0.933471
0	0	0	0	NA	NA

18.45	19.83	13.08	20.11	-0.07187	0.720376
22.23	19.38	18.4	18.47	-0.07807	0.563416
14.89	13.74	14.19	13.79	-0.03468	0.846993
18.87	19.63	14.84	16.17	-0.14247	0.2492
3.49	252.46	54.85	136.46	3.714871	3.06E-15
1.42	21.22	5.25	10.72	2.462205	2.00E-07
0	0	0	0	NA	NA
0.27	0.2	0.19	0.31	NA	NA
1.76	12.2	4.17	6.06	1.690455	1.78E-08
96.97	3596.95	1529.5	2444.28	4.199388	2.75E-36
11.32	8.2	9.82	7.47	-0.26336	0.195894
0	0	0.1	0.11	NA	NA
0.06	0.06	0.1	0.19	0.631947	0.371329
0.04	0	0	0	NA	NA
31.6	20.04	20.93	19.88	-0.63626	4.75E-10
11.57	20.92	18.12	19.88	0.634107	2.25E-10
0	0	0	0	NA	NA
10.12	10.79	10.73	9.11	-0.06076	0.717106
27.12	27.88	29.58	27.44	-0.16856	0.135377
5.42	5.94	4.57	5.41	0.173551	0.335602
0.04	0.05	0.08	0.12	-0.01753	0.986207
0	0	0.19	0	NA	NA
0.86	0.96	0.58	0.22	-0.24845	0.752132
6.03	9.57	7.85	8.43	0.236918	0.178734
8.97	10.53	11.29	10.27	0.178498	0.219534
0.64	0.18	0.27	0.32	-0.82519	0.133109
0.05	0.07	0.17	0.08	0.220591	0.792492
15.06	10.94	13.64	12.22	-0.0534	0.744187
0.22	0.08	0.09	0.52	-1.02799	0.074886
0.02	0	0	0	NA	NA
15.23	12	19.19	18.44	-0.01834	0.921117
25.9	23.53	28.19	24.63	0.031254	0.836225
4.45	38.79	16.55	28.75	2.209614	1.12E-11
2.48	0.39	1.05	0.51	-1.42744	0.001759
0.05	0	0.04	0.07	NA	NA
13.99	11.74	13	13.39	0.095666	0.611377
15.18	9.57	9.06	8.81	-0.67092	2.24E-15
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.38	0.95	1.45	1.15	-0.96748	3.00E-07
16.14	13.03	17.24	17.49	-0.11958	0.549293
0	0	0	0	NA	NA
7.59	5.23	5.98	6.4	-0.49676	1.98E-05
11.18	9.46	10.77	11.24	-0.00281	0.987986
0.53	0.08	0.44	0.14	-0.45101	0.553029

19.3	23.37	23.66	22.81	0.220556	0.111054
3.58	3.93	4.63	4.43	0.153818	0.423274
22.14	27.73	26.04	25.6	0.19289	0.103406
12.94	11.31	13.04	12.66	-0.04148	0.811235
0	0	0	0	NA	NA
10.59	52.44	38.97	52.29	2.158112	6.58E-76
33.16	28.47	30.48	26.8	-0.09613	0.507777
6.15	6.29	7.98	6.67	0.379042	0.011616
6.87	4.18	6.44	4.61	-0.3372	0.147092
25.07	23.4	35.54	28.51	0.0915	0.667482
0.95	0.72	0.43	0.57	-0.81857	0.038741
0	0	0	0	NA	NA
0.5	1.92	1.16	1.16	1.047127	0.018404
0.06	0.06	0.15	0.14	-0.20358	0.802296
5.57	6.05	6.14	5.46	0.078573	0.719516
95.35	168.2	138.98	151.33	0.608743	4.92E-12
12.87	14.71	14.13	14.04	0.026383	0.882704
0	0	0	0	NA	NA
5.47	5.01	4.46	4.27	-0.5498	0.000232
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.44	5.09	5.55	4.24	-0.20278	0.506865
6.88	4.31	5.2	4.65	-0.25709	0.493482
18.4	19.99	18.32	20.58	0.058695	0.683537
263.17	170.25	217.15	194.63	-0.48062	4.22E-07
6.6	9.16	8.86	10.19	0.43395	0.003587
9.15	9	8.55	9.43	0.061778	0.771217
0.42	1.04	0.57	0.62	0.43964	0.25804
23.05	35.29	31.08	31.6	0.438821	2.44E-05
16.26	17.04	15.03	16.4	0.107886	0.370112
3.21	4.58	3.64	4.4	0.482345	0.008078
13.88	15	13.57	13.93	0.076284	0.554419
27.57	17.12	21.04	19.57	-0.51716	1.67E-06
24.07	25.54	25.44	20.57	0.048049	0.801074
141.67	172.11	178.25	177.59	0.17503	0.030987
0	0	0	0	NA	NA
0	0.08	0.07	0	NA	NA
11.65	8.89	9.26	11.32	-0.02743	0.855312
3.64	5.11	5.27	5.85	0.622762	4.35E-06
10.83	10.69	9.27	9.53	0.279381	0.171822
49.68	12.59	19.18	16.71	-1.5421	6.22E-29
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0.02	0	NA	NA
3.88	2.96	5.65	2.56	-0.22844	0.440051

0	0	0.01	0 NA	NA
6.69	5.75	5.57	6.03 -0.30068	0.250797
6.9	6.24	7.87	6.92 -0.00143	0.995607
4.89	4.42	4.57	5.11 -0.09799	0.743623
17.57	15.51	15.3	16.72 -0.00737	0.973504
28.15	12.33	17.64	16.51 -0.88951	2.24E-14
16.8	13.45	14.24	16.77 -0.24957	0.040111
10.53	16.62	15.92	13.56 0.326109	0.041174
51.9	66.61	66.98	64.22 0.383198	0.000227
0.02	0.11	0.07	0 NA	NA
0.24	0.39	0.19	0.1 NA	NA
7.35	10.39	8.57	7.88 0.097895	0.658595
46.84	39.51	42.24	39.52 -0.33155	0.000802
72.94	45.31	57.04	51.56 -0.48452	5.10E-07
0.55	0.48	0.32	0.59 0.235123	0.663635
0	0	0	0 NA	NA
4.18	3.2	3.9	3.7 -0.30526	0.092786
0	0	0	0.02 NA	NA
28.76	17.91	22	20.73 -0.46559	1.53E-06
17.18	8.39	10.26	7.77 -0.99993	1.12E-11
2.61	1.44	1.53	1.82 -0.19684	0.594083
71.42	84.24	79.72	90.3 0.087473	0.452464
13.22	6.98	15.24	9.57 -0.31533	0.197668
0.1	0.04	0.06	0.06 -0.22245	0.728039
38.38	42.98	44.61	44.79 0.118004	0.294481
1.26	0.36	0.79	0.59 -1.10393	2.81E-07
9.92	14.02	11.55	13.9 0.027011	0.874689
4.46	2.31	3.09	3.97 -0.42314	0.008703
4.47	4.84	5.54	7.42 0.165044	0.474374
3.59	2.48	2.87	2.36 -0.28175	0.246496
0	0	0	0 NA	NA
8.54	5.82	4.74	5.02 -0.10938	0.675953
0.36	0.03	0.03	0.1 -1.07663	0.089571
2.66	3.62	3.15	3.59 0.185181	0.211129
37.6	44.74	44.83	46.11 0.079717	0.56012
0	0	0	0 NA	NA
4.15	5.98	5.46	5.79 0.36514	0.015935
1.03	1.24	1.29	1.88 0.420299	0.28836
15.49	8.76	11.57	11.07 -0.55508	3.42E-05
0.32	0.24	0.11	0.2 0.844935	0.199199
28.2	31.07	32.85	31.75 0.063415	0.563374
2.1	0.63	1	0.72 -1.30837	5.49E-05
90.07	101.71	125.24	117.65 0.499539	2.36E-07
3.35	1.54	2.61	1.77 -1.0582	2.54E-10
0	0.02	0	0 NA	NA

17.63	11.47	12.99	13.09	-0.40534	0.011357
8.92	15.88	15.9	18.5	0.63726	0.000121
0.21	0.04	0.14	0.08	-0.99753	0.078808
11.01	23.74	23.84	22	0.841743	1.15E-13
1.17	1.81	1.26	0.73	0.4036	0.366672
786.69	487.54	543.93	494.54	-0.65506	2.61E-19
1.19	0.25	1.04	0.65	-1.28806	0.003933
0	0	0	0	NA	NA
3.31	4.33	4.62	4.61	0.267036	0.116978
0	0	0	0	NA	NA
11.74	10.22	10.21	10.96	-0.14654	0.434826
5.54	3.57	3.54	3.36	-0.21226	0.289764
0.14	0	0.16	0	NA	NA
0.16	0	0	0.05	NA	NA
0	0	0	0	NA	NA
7.38	1.54	4.23	3.25	-1.05954	7.47E-05
62.13	20.11	40.68	30.38	-0.91074	0.000654
0.02	0.11	0.04	0.05	NA	NA
0	0	0	0	NA	NA
4.9	5.83	5.8	4.59	0.005058	0.981096
0.78	1.26	1.65	1.69	1.054705	0.005834
0.32	0.27	0.14	0.51	0.855396	0.129344
9.85	11.28	11.12	9.79	0.161435	0.348322
7.43	8.1	8.25	8.2	0.062279	0.624592
15.45	8.61	11.9	6.86	-0.36163	0.022311
6.16	6.93	7.37	8.26	0.227727	0.436092
18.04	23.39	23.82	19.72	0.160193	0.214394
10.18	14.34	10.71	12.84	0.309629	0.010225
7.98	12.8	12.14	9.66	0.38643	0.154152
19.65	17.19	16.79	18.74	0.067198	0.635726
4.11	2.86	3.3	2.67	-0.25669	0.231584
7.42	98.31	46.58	67.51	3.024438	1.90E-23
26.58	13.89	20.6	18.6	-0.63952	1.21E-05
0	0.05	0.26	0.03	NA	NA
62.92	159.18	154.93	143.41	1.244396	7.32E-52
4.73	3.85	5.03	4.09	-0.01654	0.949707
0.08	0.51	0.2	0.21	1.655339	0.002464
18.89	15.44	15.78	15.79	-0.14823	0.537416
0.17	0.1	0.02	0.05	NA	NA
6.51	2.33	3.13	3.23	-0.14929	0.376047
0	0	0	0	NA	NA
10.65	9.3	9.42	10.03	-0.02398	0.86041
0.04	0.17	0.1	0.02	NA	NA
0.65	0.44	0.53	0.7	-0.03976	0.958712
17.05	16.35	18.3	18.07	0.096377	0.462977

17.09	13.05	15.91	16.48	0.011399	0.958807
6.65	6.04	7.07	7.6	0.220263	0.210008
0.61	0.48	0.73	0.79	-0.14656	0.775441
3.24	3.34	2.88	2.54	-0.03114	0.933507
1.85	0.24	0.27	0.27	-2.90795	4.16E-59
19.36	6.49	11.91	7.75	-1.12835	1.07E-10
2.47	1.06	2.26	1.8	-0.34783	0.30891
24.03	35.49	31.01	31.84	0.447116	6.41E-06
1	9.14	5.66	7.78	2.494915	3.11E-36
7.73	8.56	7.56	7.21	0.033721	0.855686
19.92	15.98	16.99	14.81	-0.35411	0.005708
0	0	0	0	NA	NA
55.15	44.22	47.6	45.52	-0.28254	0.034644
1.04	0.2	0.29	0.8	-0.13484	0.87997
0.71	0.23	0.53	0.12	NA	NA
0	0	0	0.12	NA	NA
6.1	80.38	42.69	62.64	3.106056	4.19E-29
5.74	4.01	3.3	3.79	-0.3557	0.025686
0.04	0.02	0.02	0	NA	NA
6.83	7.31	7.65	8.51	0.35393	0.012444
47.7	27.75	32.66	34.96	-0.38369	3.42E-05
70	59.68	59.64	58.13	-0.26038	0.002631
4.62	3.13	3.61	3.19	-0.24434	0.292698
0	0	0	0	NA	NA
5.62	8.43	7.87	8.92	0.387744	0.000357
0.02	0	0	0	NA	NA
0	0	0	0.09	NA	NA
18.66	15.05	14.07	13.86	-0.41676	8.75E-05
4.91	2.53	3.96	3.23	-0.40717	0.07812
23.39	36.67	30.42	30.14	0.572413	3.04E-06
18.86	18.34	18.38	18.93	0.008595	0.958809
0.4	0.73	0.89	0.64	0.689928	0.003243
0.06	0.23	0.08	0.34	0.06174	0.948247
11.56	12.27	13.02	12.73	0.172963	0.161269
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.71	6.46	6.28	7.13	0.50217	4.02E-05
12.97	11.4	14.18	13.7	0.039134	0.819101
3.87	2.28	2.24	2.77	-0.35916	0.1127
17.92	15.33	17.29	18.14	-0.09266	0.614758
8.44	11.86	10.7	11.49	0.472731	0.000416
0	0	0	0	NA	NA
4.06	3.81	3.87	3.93	0.202487	0.396434
1.46	0.38	0.36	0.45	-0.84407	0.021203
0.33	0.05	0.24	0.27	-0.33934	0.658595

47.44	57.09	63.41	56.13	0.100993	0.406551
9.23	9.74	8.3	9.43	0.164528	0.314075
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.5	3.95	3.99	4.26	0.125139	0.419658
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0.04	0.01	0.04	NA	NA
0.34	0.19	0.45	0.27	-0.179	0.768241
0	0	0	0	NA	NA
0.29	7.24	2.07	4.57	3.042122	4.88E-11
16.03	12.23	13.88	12.59	-0.48451	3.24E-06
5.94	4.96	4.81	6.35	0.457047	0.021812
0.18	0.13	0.17	0.15	0.06493	0.945762
129.69	146.16	144.43	128.02	-0.07445	0.594876
0.16	0.17	0.28	0.41	0.747212	0.275994
0	0	0	0	NA	NA
12.77	8.89	8.85	7.51	-0.54868	0.000113
0.14	0.18	0.18	0.32	-0.71238	0.209841
1.06	1.16	0.95	1.19	0.370948	0.324139
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.07	0.03	0.08	-1.94198	6.42E-05
75.41	32.64	38.81	35.96	-1.11166	2.06E-29
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.57	9.43	9.88	9.2	-0.05147	0.741849
7.12	6.64	7.81	9.56	0.224597	0.144251
17.4	19.82	22.66	22.68	0.354275	0.001027
0.36	0.63	0.41	0.32	-0.96822	0.091989
15.21	13.89	16.37	13.13	-0.07494	0.666171
0	0	0.03	0	NA	NA
0.25	0.72	0.75	0.6	0.752819	0.099388
6	5.17	4.03	4.69	0.00336	0.991973
0	0	0	0	NA	NA
28.8	10.46	16.89	16.07	-0.89542	6.61E-14
0	0	0	0	NA	NA
0.02	0.04	0.03	0.02	NA	NA
0.4	0.07	0.24	0.64	-0.26807	0.729629
0.32	0.09	0	0.33	-0.64334	0.363624
17.12	14.42	17.87	19.69	-0.1468	0.358439
2.46	2.59	2.58	2.39	-0.243	0.416708
9.67	9.12	9.89	10.75	-0.01992	0.921166
1.58	0.3	0.48	0.35	-0.46507	0.366496
13.91	10.62	9.82	11.38	-0.26407	0.052877

25.45	25.43	28.98	28.78	0.114402	0.408819
0	0	0	0	NA	NA
31.69	26.13	32.35	31.71	-0.16544	0.12231
14.86	20.26	18.08	17.26	0.231951	0.061285
899.86	850.42	949.53	851.75	-0.09277	0.389627
0	0	0	0	NA	NA
0.62	0.43	0.93	0.34	-0.23827	0.696373
12.33	12.54	8.7	9.93	-0.10556	0.527325
0	0	0	0	NA	NA
6.06	6.19	5.24	6.41	0.2414	0.194121
0.08	0	0	0.08	NA	NA
39.88	41.31	36.78	33.16	0.33234	0.003135
10.93	10.8	11.55	9.67	-0.04116	0.87935
5.44	13.55	12.87	11.89	1.307915	8.26E-09
30.86	28.71	29.65	26.06	-0.09093	0.523528
10	9.42	9.75	8.19	-0.0516	0.855166
30.56	33.46	39.53	41.07	0.449379	3.77E-06
2.4	4.39	4.59	4.41	0.693485	0.001059
0.15	0.13	0.17	0.22	-0.50472	0.471929
0	0	0.01	0	NA	NA
0.04	0.02	0.03	0.01	NA	NA
6.46	7.49	7.93	8.38	0.012642	0.948175
1.5	1.1	1.18	0.87	-0.63791	0.021019
0	0	0	0	NA	NA
33.98	31.88	26.37	31.32	-0.2106	0.147997
3.84	2.08	4.15	4	-0.36734	0.190246
0	0	0	0	NA	NA
4.08	6.34	4.96	6.12	0.184845	0.331994
10.33	1.27	2.55	1.69	-2.03323	2.24E-22
2.23	1.77	2.05	1.63	-0.20246	0.294299
0.74	0.6	0.66	0.48	-0.27734	0.667336
1.18	1.96	1.02	1.33	0.092373	0.841253
0.39	0.24	0.24	0.17	-0.1952	0.784567
1.58	9.61	4.93	6.81	1.965565	1.61E-18
0.14	0.05	0.34	0.48	0.101522	0.895604
1.2	2.91	2.97	1.98	0.394765	0.435374
0	0.13	0.05	0.11	1.05332	0.097547
0	0	0	0	NA	NA
5582.83	2671.64	3387.19	3174.7	-0.98	1.04E-28
3.51	2.21	2.34	2.58	-0.73818	5.79E-08
0.04	0.03	0.02	0	NA	NA
0.37	0.54	0.48	0.5	0.036477	0.966851
0	0	0	0	NA	NA
160.84	189.49	182.29	178.99	0.197418	0.03364
3.21	5.08	3.81	4.71	0.481343	0.000348

0	0	0	0	NA	NA
563.75	607.51	650.44	633.5	0.067589	0.466794
5.37	10.96	6.97	9.18	0.643622	0.000375
0	0	0	0	NA	NA
13.51	7.68	9.08	9.15	-0.49065	0.000132
0	0.01	0.02	0.03	0.727732	0.286215
1.27	2.81	1.24	1.87	0.442524	0.309911
0	0	0.03	0.1	NA	NA
0.03	0.14	0.07	0.13	NA	NA
0	0	0	0	NA	NA
44.36	29.61	31.93	33.3	-0.43956	0.000236
28.6	33.27	30.55	34.15	0.186611	0.050896
0	0.11	0	0	NA	NA
6.1	6.13	6.05	6.11	-0.17473	0.558319
19.59	6.49	8.12	6.24	-1.50185	4.10E-22
0	0	0	0.03	NA	NA
0.5	0.25	0.1	0.14	-1.3399	0.015255
0	0.01	0.03	0.01	NA	NA
0.02	0.02	0.01	0	NA	NA
0	0.01	0.01	0	NA	NA
23.15	14.23	15.74	18.23	-0.28755	0.016655
6.17	6.87	6.47	5.13	-0.07461	0.780318
0	0	0	0	NA	NA
7.54	7.21	6.98	6.97	-0.24246	0.09784
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.02	18.35	14.24	16.3	0.732156	2.90E-08
0.19	0	0	0	NA	NA
52.44	42.86	45.87	48.85	-0.19178	0.028655
13.66	8.81	11.12	8.86	-0.23237	0.072776
0	0	0	0.03	NA	NA
0.15	0.38	0.82	0.28	0.244041	0.767787
9	5.57	9.55	7.64	0.049508	0.882704
4.88	5.5	7.15	6.23	0.181338	0.371475
0	0	0	0	NA	NA
0	0.03	0.01	0.04	NA	NA
1.38	0.91	0.46	0.24	-0.09078	0.907876
0	0	0	0	NA	NA
14.84	12.8	12.27	13.38	0.074802	0.647986
0.14	0	0	0.1	NA	NA
17.02	17.22	15.97	17.96	-0.00466	0.975797
7.55	15.07	12.78	12.81	0.662396	3.29E-05
49.45	63.39	65.57	63.38	0.279936	0.002693
0	0	0	0	NA	NA
33.52	32.43	31.26	33.21	-0.02813	0.861604

19.67	21.31	19.13	19.74	-0.15021	0.324942
6.88	9.97	6.77	10.69	0.424558	0.147601
0	0	0	0	NA	NA
20.71	22.29	19.94	19.99	0.121241	0.384305
31.12	15.91	18.85	19	-0.6612	1.45E-10
4.58	7.1	5.26	5.94	0.292719	0.022554
116.5	97.47	96.79	83.56	-0.29077	0.025292
9.04	0.67	1.05	0.76	-3.44645	5.00E-40
215.91	210.69	208.48	211.73	0.080383	0.381795
0.27	1.26	0.66	0.47	-0.76864	0.153864
21.46	15.87	16.57	16.05	-0.48834	9.88E-07
39.54	37.96	34.49	39.2	-0.02265	0.908984
7.82	8.85	8.26	9.41	0.233256	0.145586
15.5	15.89	17.27	16.68	0.005039	0.980748
0	0	0	0	NA	NA
13.3	9.51	11.3	11.07	-0.33226	0.002237
21.02	16.81	15.26	16.58	-0.07199	0.693665
14.04	11.58	10.6	13.07	-0.11808	0.324139
0	0	0	0	NA	NA
10.51	20.62	12.97	15.04	0.648252	0.000124
39.62	15.71	25.97	30.74	-0.72365	1.06E-08
5.56	4.51	4.63	5.72	-0.54195	0.003154
25.63	26.12	27.08	34.24	-0.11727	0.303192
11.66	12.17	12.96	13.45	-4.02E-05	0.999852
8.82	14.39	12.63	15.47	0.61354	3.56E-08
0.31	0.33	0.27	1.2	NA	NA
12.95	10.39	13.56	11.05	-0.05585	0.753754
1.29	0.45	1.04	0.86	-0.93427	0.000454
22.91	23.36	25.94	27.58	0.034465	0.873469
3.12	3.03	3.17	2.82	-0.07569	0.657486
22.99	20.01	17.81	17.41	-0.31847	0.002399
0.61	0.67	0.5	0.43	-0.86801	0.002859
26.64	29.89	28.83	28.8	0.087855	0.457023
0.3	0.61	0.65	0.38	-0.74732	0.256811
0.01	0.01	0	0.01	NA	NA
0.76	0	0.37	0.16	-1.81149	0.001002
10.06	137.22	137.16	145.97	3.740228	0
12.53	10.8	11.35	11.17	-0.20071	0.187127
1.96	2.83	2.59	3.08	0.021481	0.965877
5.89	6.48	6.2	7.1	0.017181	0.942726
0	0	0	0	NA	NA
4.99	6.48	4.87	4.26	0.150317	0.655612
2.67	3.58	6.2	6.16	0.986215	6.30E-06
0	0	0	0	NA	NA
0	0.59	0.38	0.14	1.020107	0.111296

0.59	2.08	1.35	1.77	1.229727	4.29E-06
0	0	0	0	NA	NA
0.49	0.1	0.19	0.21	-1.3104	0.020298
0.12	0.09	0.19	0.12	0.214168	0.803033
0.31	0.4	0.06	0.07	NA	NA
0.09	0.04	0	0.05	NA	NA
3.67	5.1	3.73	4.66	0.221479	0.294661
25.28	30.05	28.59	31.15	0.227015	0.010541
2.27	2.41	2.2	2.23	0.500499	0.04724
0.67	1.19	1.03	1.06	-0.05713	0.929109
1.63	1.92	1.88	1.67	0.227272	0.482338
5.16	6.18	5.92	6.6	0.220636	0.224625
205.41	210.9	216.09	220.62	0.017249	0.877298
0	0.09	0	0	NA	NA
0.99	1.31	1.4	1.82	0.380937	0.358067
49.4	4.19	12.14	8.76	-2.25438	6.09E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.04	8.39	9.43	8.85	0.322098	0.002911
0	0.23	0.25	0.11	0.536665	0.453463
1.15	1.31	1.22	0.9	-0.03544	0.931016
12.35	8.17	8.91	8.07	-0.56337	3.59E-07
0	0	0	0	NA	NA
0.03	0	0.11	0	NA	NA
13.96	20.86	18.32	16.46	0.450023	0.000467
5.82	7.83	6	6.74	0.278313	0.357417
19.97	30.87	35.5	34.78	0.532166	5.60E-08
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.14	0.17	0.2	0.950076	0.066199
0	0.01	0	0.02	NA	NA
0	0.14	0.06	0.04	NA	NA
0	0	0	0	NA	NA
0.01	0.01	0.01	0.03	NA	NA
3.47	4.74	3.88	4.51	0.649399	0.001567
1.17	0.12	0.64	0.2	-1.93715	1.12E-05
2.62	3.39	4.15	4.89	0.38599	0.290983
0	0	0	0	NA	NA
1.22	0.67	0.55	0.51	-1.03363	0.003804
0	0	0.04	0.08	NA	NA
10.55	11.91	12.45	14.01	0.361327	0.000743
30.69	42.12	35.04	35.63	0.354232	0.007437
0	0	0	0	NA	NA
3.15	3.6	3.71	3.56	0.181211	0.199024

0.07	0.04	0.07	0.03	-0.62172	0.379477
6.69	12.46	8.82	8.63	0.253748	0.072419
1.09	1.09	1.18	0.82	0.450259	0.199181
19.81	25.88	26.19	23.38	0.115045	0.571464
0.02	0.03	0.24	0	NA	NA
7.13	9.14	8.23	8.85	0.153588	0.256799
4.74	0.23	0.83	0.49	-3.07419	2.53E-28
3.74	2.96	2.67	2.36	-0.62324	0.007398
71.08	111.6	87.65	87.3	0.388112	0.000188
6.64	10.2	9.59	10.14	0.271295	0.073411
46.63	42.57	42.86	44.33	-0.15461	0.16735
3.21	3.14	2.97	4.15	0.07417	0.669911
0.01	0.02	0.02	0.02	-0.04441	0.961386
0.97	0.78	0.76	0.55	-0.63983	0.121475
0	0	0	0	NA	NA
2.95	3.25	3.06	3.08	0.113236	0.655028
14.58	15.9	17.17	16.08	0.234488	0.056971
0.15	1.78	0.53	1.93	2.68628	2.46E-21
0	0	0	0	NA	NA
4.84	3.65	4.07	3.97	-0.08293	0.669022
0	0	0	0	NA	NA
3.98	6.13	4.88	5.68	0.764919	4.32E-06
2.3	1.96	1.49	1.86	-0.45544	0.016067
0	0	0	0	NA	NA
0.06	0.03	0	0	NA	NA
0.22	0.68	0.55	0.46	1.215171	0.019135
0	0	0	0	NA	NA
8.74	16.18	14.6	13.98	0.665175	1.62E-08
3.92	3.69	3.14	3.89	-0.0779	0.708562
16.03	11.65	12.85	13.45	-0.46572	2.97E-06
0	0	0	0	NA	NA
59.87	50.53	46.34	43.63	-0.37644	7.25E-05
26.72	25.56	25.09	23.73	0.098075	0.535635
8.54	13.45	14.63	14.73	0.402402	0.000777
43.38	30.45	34.76	30.83	-0.47129	5.54E-08
1.05	5.51	2.67	4.26	1.89374	3.47E-21
0.07	0	0	0	NA	NA
1.67	0.29	0.54	0.31	-1.82615	2.63E-10
0	0	0	0	NA	NA
44.65	45.44	38.98	45.11	0.003754	0.980147
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.24	0.12	0.31	1.536595	0.00963
13.96	12.93	11.03	11.14	-0.20322	0.242524
15.97	12.83	15.09	17.66	0.174141	0.211869

0.03	0.01	0.04	0.03	NA	NA
0.07	0.03	0.13	0.06	NA	NA
13.74	16.18	16.59	17.25	0.263759	0.055969
0.39	0.34	0.36	0.15	-0.39124	0.597269
17.05	16.76	17.62	18.59	0.111207	0.351985
4.55	3.68	4.76	3.53	-0.44636	0.005084
0	0	0	0	NA	NA
3.65	2.73	2.7	2.16	0.128232	0.752876
123.09	188.64	172.7	166.39	0.531411	3.11E-09
2.63	4.55	4.11	4.12	0.599981	0.001858
178.18	3.19	22.89	9.34	-2.61158	NA
0	0	0	0.05	NA	NA
0.41	0.22	0.32	0.3	-0.65959	0.166929
10.51	5.52	5.85	5.31	-0.7824	1.83E-08
35.71	34.4	36.63	31.44	-0.1194	0.346395
0	0	0.04	0.03	NA	NA
17.46	24.39	21.03	20.88	0.237663	0.038418
16.2	13.24	13.73	14.95	-0.12931	0.417929
13.82	19.85	17.61	18.94	0.432837	8.63E-06
16.98	17.08	18.93	16.67	-0.06247	0.737534
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.08	0.14	0.1	-0.15673	0.859801
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.19	0.23	0.56	0.040207	0.966851
1.83	2.21	1.89	2.1	0.138099	0.56012
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
39.2	36.96	36.46	34.64	-0.10968	0.394391
31.73	19.17	33.54	25.25	-0.30445	0.067677
0.08	0.14	0.12	0.19	NA	NA
0	0	0	0	NA	NA
2.24	3.52	3.22	3.37	0.609767	0.00876
102.99	88.39	90.57	88.13	-0.18086	0.063334
7.77	8.8	9.82	9.34	0.173956	0.362291
2.16	3.44	2.59	2.71	0.224021	0.305915
1.8	3.39	1.95	2.62	0.288731	0.228759
79.4	85.69	91.95	82.62	0.083842	0.493413
0	0	0	0	NA	NA
7.08	4.59	7.14	5.57	-0.53539	0.052988
0	0.01	0.01	0	NA	NA

8.49	11.82	10.69	10.37	0.328736	0.005044
15	18.67	20.37	19.48	0.401617	0.000131
4.62	5.45	5.29	5.78	0.268593	0.116319
4.46	10.94	8.37	10.1	0.817446	4.29E-11
24.52	22.2	21.67	19.5	-0.09923	0.619454
11.32	11.05	10.59	10.83	-0.08244	0.456741
50.63	49.65	46.91	44.46	-0.12362	0.281433
5.98	8.08	6.42	5.88	0.154973	0.506437
57.36	70.42	62.84	65.06	0.183431	0.055916
0	0	0	0	NA	NA
5.93	7.7	6.55	7.12	0.217937	0.0943
0	0.25	0.38	0.08	NA	NA
20.52	19.75	21.7	21.56	0.085698	0.561171
18.04	22.07	20.74	25.98	0.277214	0.039338
0	0	0.02	0	NA	NA
0.75	0.39	0.34	0.48	-0.47448	0.381327
5.56	3.11	3.15	2.73	-0.79266	8.82E-05
9.46	8.01	8.27	9.54	-0.12172	0.299656
0	0.15	0.09	0.04	0.669814	0.303627
14.68	17.83	17.18	16.51	0.217941	0.256458
4.29	7.33	5.64	6.23	0.160266	0.518394
5.32	2.3	3.93	3.4	-0.70398	0.003563
8.71	13.56	12.44	11.44	0.510137	0.001722
0	0.01	0.01	0.01	NA	NA
0	0.01	0	0.01	NA	NA
12.74	19.61	17.94	18.44	0.507051	2.26E-08
4.34	6.67	5.43	5.61	0.41415	0.001392
6.55	4.5	5.72	5.8	-0.27556	0.27124
0.4	0.15	0.23	0.2	-1.50586	3.47E-07
0	0	0	0	NA	NA
57.13	46.85	52.44	48.96	-0.31131	0.004134
22.18	27.64	23.55	23.74	0.110156	0.44868
26.51	23.54	24.07	22.31	-0.12696	0.382958
0.86	0.04	0.04	0	-2.35387	1.93E-05
4.04	2.28	2.95	2.08	-1.15879	2.15E-05
0	0	0	0	NA	NA
15.36	29.63	27.44	27.97	0.745713	1.37E-17
14.49	17.03	13.74	14.52	0.12506	0.393337
23.09	10.38	13.49	10.65	-1.02009	2.85E-15
2.54	1.58	2.08	2.43	-0.30877	0.202242
9.24	13.55	9.55	10.67	0.258457	0.131414
0.37	0.16	0.17	0.74	0.251377	0.763701
0	0	0.01	0	NA	NA
3.35	4.53	5.76	4.6	0.221185	0.135219
0.02	0.09	0.06	0.02	NA	NA

15.41	17.42	17.05	17.09	0.099867	0.500626
6.63	6.61	5.54	6.34	-0.24048	0.117412
0	0	0	0	NA	NA
5.51	5.91	5.9	5.02	-0.08043	0.725232
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.81	13.52	14.45	12.96	-0.24913	0.014753
0.05	0.03	0.16	0.23	0.233653	0.778434
3.04	3.34	2.85	3.3	0.255619	0.20305
0.15	0.23	0.04	0.23	-0.74753	0.21321
1.76	2.44	2.98	2.03	0.582533	0.045631
25.78	24.81	24.14	22.14	-0.12288	0.36769
0	0	0	0	NA	NA
2.95	2.97	2.71	2.58	0.277135	0.145193
2.83	5.4	3.75	4.08	0.404678	0.014121
10.36	9.54	12.17	10.09	-0.09675	0.694326
0.02	0.01	0.01	0	NA	NA
0	0	0.03	0	NA	NA
11.79	15.01	13.73	15.21	0.349407	0.010536
17.8	17.38	12.82	22.15	0.159307	0.412029
49.58	64.99	49.22	58.55	0.181847	0.133446
47.39	59.65	55.77	50.97	0.164563	0.170159
0.09	0.16	0.1	0.37	NA	NA
1.4	0.74	0.45	0.54	-0.8956	0.036875
0.12	0.22	0.06	0.12	NA	NA
14.06	21.17	17.23	19.7	0.413536	0.000437
0	0.1	0.09	0	NA	NA
8.06	10.7	11.18	10.72	0.363558	0.006486
15.9	12.53	15.05	12.02	-0.33959	0.128454
111.14	58.09	79.74	125.71	-0.40215	0.339632
0	0	0	0	NA	NA
0.81	0.71	0.66	0.84	-0.33954	0.421641
0	0	0	0	NA	NA
0.01	0	0.01	0.01	NA	NA
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
3.92	3.58	3.98	4.22	0.006509	0.983683
0	0.02	0.02	0.15	NA	NA
0.02	0.01	0.03	0.02	NA	NA
12.15	4.78	6.12	3.6	-1.24618	1.57E-07
3.02	3.86	3.86	3.75	0.40927	0.001791
3.6	4.94	3.07	4.19	0.406851	0.3249
3.81	3.43	3.09	3.59	-0.3276	0.024889
0	0.24	0	0	NA	NA
0	0	0	0	NA	NA

41.47	35.93	42.45	36.14	-0.07353	0.598662
0	0	0	0	NA	NA
1.39	8.43	4.96	7.13	2.174533	3.95E-33
6.39	6.05	6.56	7.9	-0.00814	0.974041
10.4	14.58	12.71	13.07	0.359397	0.000437
264.94	366.3	349.68	342.33	0.327296	7.69E-06
1.87	0.28	1	0.86	-0.39057	0.425328
17.63	16.71	15.75	18.69	-0.17756	0.163716
10.46	12.38	15.44	12.14	0.086732	0.64418
0	0	0	0	NA	NA
6.04	12.6	11.27	14.15	0.773599	1.72E-13
0	0	0	0	NA	NA
95.53	54.1	72.62	59.97	-0.67379	5.38E-11
38.08	50.23	49.73	54.29	0.202314	0.01695
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.02	0	0	NA	NA
3.05	0.26	0.56	0.21	-2.99557	7.99E-37
0.05	0.05	0.01	0.03	-0.44109	0.559778
0	0	0	0	NA	NA
4.77	6.91	5.71	7.44	0.257393	0.09643
0.02	0.14	0.06	0.22	1.057324	0.082591
18.5	23.57	27.65	26.57	0.204265	0.101695
26.48	31.23	32.27	29.04	0.171054	0.134933
3.2	4.29	4.54	4.16	0.187195	0.474084
13.38	12.84	11.58	12.23	-0.08295	0.524019
93.06	83.77	78.12	87.77	-0.13739	0.292774
10.53	9.62	9.72	9.77	-0.08483	0.666291
0	0	0	0	NA	NA
0.48	6.22	3.33	4.67	4.123781	2.51E-33
565.41	382.36	587.42	521.87	-0.24521	0.079919
0.01	0	0	0	NA	NA
0	0	0	0	NA	NA
0.32	0.28	0.4	0.25	-0.48804	0.485171
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
21.64	24.88	26.37	27.14	0.252381	0.014884
8.01	3.79	4.49	4.62	-0.43701	0.123745
4.79	5.69	5.11	5.45	-0.03595	0.876132
5.33	6.33	6.17	7.73	0.043322	0.80335
10.98	8.97	11.98	10.49	-0.36657	0.01164
8.98	10.53	8.72	8.56	0.256567	0.037365
20.29	22.9	24.4	24.22	-0.14851	0.475711
79.35	89.43	88.13	84.66	0.119124	0.250108

25.16	25.43	27.64	24.51	0.011105	0.947179
0	0	0	0	NA	NA
4.41	5.15	3.76	5.89	0.183792	0.316076
8.91	8.84	9.05	9.16	-0.00407	0.985711
1.43	1.03	1.16	1.13	-0.18658	0.657838
18.26	18.09	18.76	17.87	-0.08803	0.483343
13	12.72	12.62	14.03	-0.11742	0.60183
42.22	53.35	51.66	51.37	0.203904	0.027671
0.16	0.17	0.09	0.1	0.143438	0.870621
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.78	9.49	10.01	9.5	-0.15774	0.226464
14.91	16.04	14.46	16.38	0.186008	0.136644
41.66	59.27	55.36	56.41	0.394333	3.72E-06
23.08	12.88	12.9	15.32	-0.73255	8.35E-07
33.58	47.64	45.75	48.58	0.24636	0.013678
0.55	0.77	0.64	0.85	0.16711	0.807079
68.01	155.61	118.81	130.27	0.902152	1.85E-17
0.07	0.17	0.25	0.35	0.18582	0.816257
14.67	12.07	14.21	12.66	-0.00118	0.996111
4.11	4.11	3.88	4.15	-0.10845	0.633905
1.5	1.82	1.41	2.07	-0.01072	0.988237
3.21	2.39	1.77	1.36	-0.25207	0.24384
0	0	0	0	NA	NA
11.96	8.44	8.55	7.43	0.021999	0.914375
0.02	0	0.07	0.08	NA	NA
32.66	42.63	35.49	39.28	0.212177	0.044208
7.24	10.89	9.25	10.03	0.333049	0.062997
6.59	1.18	2.75	1.9	-1.46939	1.16E-10
15.51	8.82	9.33	8.21	-0.95973	3.75E-15
0.22	1.09	0.45	0.58	0.845796	0.146614
36.92	35.26	35.67	36.93	-0.01907	0.908336
118.94	115.81	115.47	113.03	-0.06643	0.489193
26.14	24.12	22.92	22.18	-0.23392	0.021989
0.2	0.05	0.07	0.1	-1.02444	0.069969
1.08	1.14	0.97	0.73	-0.26096	0.567978
0.15	0.44	0.19	0.26	NA	NA
23.01	26.51	24.59	26.44	0.170152	0.057588
0	0	0	0	NA	NA
71.13	82.41	75.87	79.1	0.071232	0.547427
89.56	96.13	95.41	88.78	0.042269	0.791619
146.7	110.88	130.04	124.68	-0.30952	5.14E-05
0.7	1.7	1.27	1.61	1.034036	1.28E-09
0.04	0.32	0	0	NA	NA
1.07	0.57	0.51	0.57	-0.42678	0.356587

161.03	33.28	59.2	46	-1.78634	1.28E-33
6.5	11.29	8.96	11.85	0.71574	1.36E-07
0.16	0.11	0.12	0.55	-0.65258	0.201238
0	0	0	0	NA	NA
17.52	9.62	13.14	12.28	-0.49886	0.016515
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.1	11.53	11.64	12.58	-0.05305	0.756358
10.11	8.71	10.51	10.18	-0.28538	0.075097
0	0	0	0	NA	NA
6.9	8.23	6.37	6.04	0.110048	0.706221
0	0.22	0	0.12	NA	NA
6.76	7.06	7.34	7.88	0.047214	0.748269
18.38	34.3	24.31	28.92	0.932607	5.94E-15
1.22	1.29	0.9	1.04	-0.55912	0.008334
0.93	0	0.21	0.92	0.001738	0.998212
0	0.07	0	0	NA	NA
0	0	0	0	NA	NA
17.49	22.99	18.22	19.27	0.594609	7.98E-05
0	0.01	0.2	0.23	NA	NA
0	0	0	0	NA	NA
0.03	0.01	0.02	0.01	NA	NA
0.36	0.42	0.56	0.68	0.165617	0.738898
12.54	12.48	10	11.76	-0.106	0.479822
2.38	2.24	2.68	2.07	-0.08156	0.670138
3.8	3.69	3.64	3.77	-0.04945	0.778405
1086.63	896.21	1068.87	902.35	-0.28493	0.000747
29.36	22.12	20.11	20.08	-0.61034	4.17E-09
1.51	3.82	3.81	3.34	1.104207	2.85E-12
0.92	0.08	0.21	0.25	-2.17372	2.01E-07
0.88	1.15	1.19	1.14	-0.10443	0.716327
2.72	2.92	3.09	2.5	0.142341	0.681006
19.2	14.13	15.7	12.96	-0.35297	0.027721
18.44	23.37	20.08	22.33	0.195134	0.050913
0.69	0.19	0.12	0.78	0.365841	0.634704
8.31	15.74	12.64	13.09	0.445581	0.003445
2.4	0.04	0.23	0.13	-3.44222	6.38E-25
7.69	11.81	10.89	11.42	0.581055	2.19E-05
7.27	9.63	11.69	8.39	0.078579	0.737889
20.2	30.06	27.4	25.82	0.559548	7.42E-08
196.77	21	34.3	31.22	-2.77079	1.18E-28
13.57	10.51	10.42	11.47	-0.32966	0.010308
15.39	14.15	19.1	16.99	0.001024	0.996186
0	0.05	0	0	NA	NA

0	0	0	0	NA	NA
21.35	29.23	30.72	28.17	0.562788	2.36E-07
9.17	13.87	12.96	12.22	0.422776	0.000523
23.51	29.05	29.31	27.94	0.384086	0.000173
0	0	0	0	NA	NA
2.54	9.49	6.87	8.08	1.48565	5.23E-15
0.06	0	0.04	0	NA	NA
11.99	10.96	11.62	10.81	-0.14171	0.368577
0	0	0	0	NA	NA
4.29	4.32	3.75	3.81	-0.16335	0.539415
0	0	0	0	NA	NA
18.59	12.72	13.13	14.55	-0.32723	0.004853
0.02	0	0	0	NA	NA
0.72	0.75	0.98	1.17	-0.14257	0.794367
20.32	23.06	25.54	26.6	0.264727	0.011898
75.97	70.61	68.94	68	-0.05628	0.633909
0	0	0	0	NA	NA
10.33	25.74	13.19	15.65	0.825371	0.001328
0	0	0	0	NA	NA
0	0.01	0.01	0	NA	NA
9.92	13.28	17.48	12.79	0.199587	0.210938
0.78	0.62	1.31	0.59	0.028605	0.968815
18.97	33.75	26.7	32.05	0.487476	5.06E-05
1.44	1.27	2.57	2.45	0.21604	0.667482
0	0.01	0	0	NA	NA
3.3	4.85	3.23	4.47	0.463662	0.09643
50.73	75.68	64.11	64.99	0.281402	0.033907
0.51	0.21	0.17	0.32	NA	NA
511.18	988.33	746.83	834	0.677419	1.32E-11
0	0	0	0	NA	NA
23.35	16.58	19.02	19	-0.42328	6.21E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0.32	0.45	0.13	-0.89322	0.132042
0.19	13.32	3.23	5.62	3.297611	8.76E-11
0	0.02	0.04	0.02	NA	NA
91.27	122	107.05	109.12	0.226893	0.034369
0.07	0.05	0.14	0.11	NA	NA
10.15	13.8	13.74	13.3	0.180257	0.190354
1.2	1.69	2.49	2.59	1.002134	5.86E-05
0	0	0	0	NA	NA
5.11	2.27	4.2	3.95	-0.07296	0.821404
2.22	1.46	1.18	1.29	-0.41861	0.350175
4626.5	5405.19	5155.58	5789.39	0.271327	0.000659
8.34	10.21	9.33	11.19	0.296541	0.005704

24.81	39.66	35.18	36.51	0.490688	2.11E-06
0	0	0	0	NA	NA
708.27	233.35	415	324.32	-1.0949	1.35E-06
0.21	0	0.06	0.07	NA	NA
24.52	21.97	22.1	24.41	0.058586	0.623489
35.39	44.67	40.02	46.02	0.287131	0.001199
0.28	1.86	0.71	0.29	-0.44994	0.44626
0	0.01	0	0.01	NA	NA
3.21	2.98	3.6	3.51	0.016317	0.973425
24.62	59.02	30.33	42.84	0.642653	5.40E-05
18.71	16.12	16.48	20.17	-0.01382	0.919582
0	0	0	0	NA	NA
4.55	4.68	4.64	3.91	0.213156	0.481901
5.81	9.55	8.54	8.23	0.583494	0.000636
596.14	569.47	562.76	535.19	-0.19993	0.013661
0	0	0.07	0.08	NA	NA
21.35	25.79	25.55	20.56	-0.14452	0.454965
0	0	0	0	NA	NA
10.36	11.44	9.34	10.16	0.064954	0.701731
0.4	0.13	0.52	0.26	0.140723	0.874104
4.95	4.95	3.87	4.28	-0.08333	0.725232
0.56	0	0.18	0.18	-1.4579	0.009299
0.11	0.06	0.02	0.08	-0.96154	0.132392
5.19	3.03	3.31	4.13	-0.63141	0.001327
3.84	3.95	3.39	4.13	0.425326	0.034735
0.42	0.43	0.28	0.3	-0.01337	0.988787
78.25	316.99	190.2	248.71	1.520778	9.37E-12
0	0	0	0	NA	NA
0.15	0.27	0.18	0.38	0.976753	0.12196
7.06	9.28	7.17	9.2	0.149082	0.304266
3.13	1.86	2.79	2.6	-0.20663	0.537183
0.18	0.08	10.16	0.28	0.814877	0.216528
1.15	0.35	0.98	0.43	-0.69144	0.056847
23.32	21.01	24.89	24.35	0.04883	0.69359
21	28.63	24.77	26.75	0.353694	0.001258
0.63	0.49	0.77	0.85	0.071434	0.91788
18.22	15.61	17.64	18.18	0.032172	0.850433
0	0	0	0	NA	NA
1.47	1.95	1.82	1.89	0.252154	0.202787
0	0	0	0	NA	NA
2.03	0.31	0.43	0.35	-2.09495	7.24E-06
0.02	0	0	0	NA	NA
0.08	0	0.09	0.02	-0.57469	0.417743
3.74	3.94	3.46	4.16	-0.07413	0.702869
0	0	0	0	NA	NA

21.72	27.89	25.65	26.49	0.100398	0.468812
26.67	26.67	25.1	28.5	-0.09226	0.427292
96.9	98.82	96.83	97.67	-0.04453	0.669911
22.64	18.39	19.86	19.79	-0.18784	0.062587
3.11	1.72	4.6	2.63	-0.62443	0.10044
0.08	0.12	0.36	0.16	0.62882	0.252962
14.83	21.45	20.73	19.82	0.48637	9.62E-07
17.24	12.17	15.02	14.27	-0.30894	0.06755
14	12.86	15.45	15.25	-0.03785	0.821129
10.16	8.77	8.23	10.54	0.086964	0.579413
74.56	72.97	75.23	70.91	-0.10913	0.223169
0	0	0	0	NA	NA
0.53	10.6	2.66	6.73	2.92054	9.77E-12
13.84	7.96	6.82	6.86	-0.89936	2.40E-07
357.87	124.54	119.13	112.65	-1.58359	6.56E-85
0.53	0.75	0.81	0.45	0.114285	0.8296
26.72	26.18	24.88	24.39	-0.15561	0.183442
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.32	11.01	10.67	12.31	-0.28825	0.014763
34.22	40.41	37.92	37.45	0.21594	0.062925
0.01	0.01	0.03	0.01	NA	NA
0	0	0	0	NA	NA
35.73	30.75	29.79	33.97	-0.13723	0.124627
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
31.84	20.73	21.59	21.08	-0.6717	1.12E-19
4.89	5.57	7.04	5.92	-0.0804	0.744722
16.6	17.51	13.33	12.91	-0.01359	0.953105
12.78	6.78	7.16	5.46	-1.06257	4.76E-23
6.26	7.44	6.9	6.17	-0.02008	0.947205
0	0	0	0	NA	NA
58.1	70.44	68.07	65.17	0.022908	0.86479
13.05	17.35	12.92	14.51	0.117451	0.380327
20.45	18.44	22.14	19.83	-0.09441	0.599111
588.59	897.71	792	836.53	0.5069	1.36E-09
35.04	29.52	31.91	35.13	0.050136	0.72702
0	0.02	0	0.03	NA	NA
0	0	0.07	0.08	NA	NA
1.39	4.65	3.42	3.16	1.304986	1.75E-09
0.13	0.11	0.08	0.14	0.146402	0.854636
0	0.05	0	0	NA	NA

3.89	4.58	3.35	4	0.057949	0.848046
14.12	8.69	11.36	9.57	-0.39824	0.001661
3.72	6.6	5.68	5.96	1.400081	6.61E-06
0.06	0.04	0.1	0.05	-0.13027	0.875852
33.62	15.19	21.37	17.48	-0.63931	4.69E-05
0	0.13	0.12	0	NA	NA
50.94	47.64	40.06	43.95	-0.08477	0.512275
20.85	24.55	27.39	25.95	0.344611	0.026471
0.1	0.03	0	0	-0.94994	0.132586
0	0	0	0	NA	NA
1.74	2.37	2.64	2.71	0.111903	0.755288
0.34	0.63	0.37	0.17	-0.59314	0.350175
0	0	0	0	NA	NA
0	0.21	0.19	0.1	0.531455	0.457266
13.48	27.69	25.08	28.54	0.917364	5.04E-20
13.73	6.87	8.4	6.97	-0.99627	1.46E-11
59.37	86.08	89.06	86.26	0.613777	1.04E-14
11.95	12.33	10.63	10.76	0.060608	0.738604
16.12	24	19.15	21.09	0.236173	0.094197
7.11	10.09	8.9	8.62	0.317587	0.029691
0	0	0.05	0.25	NA	NA
26.01	23.1	23.76	22.04	-0.08085	0.602876
124.31	132.12	136.95	143.74	0.077223	0.408819
4.31	4.25	3.71	4.25	-0.28519	0.183512
0.89	1.18	0.93	1.38	0.784983	0.092611
4.06	5.59	5.9	6.04	0.453312	0.065615
0	0	0	0	NA	NA
8.07	32.95	19.34	25.78	1.549542	1.16E-18
0.37	0.29	0.21	0.19	NA	NA
6.75	14.18	11.44	14.04	0.833299	2.73E-12
0.07	0.99	0.82	0.52	1.746442	7.99E-05
6.7	9.03	6.79	8.02	0.087563	0.672313
0	0	0	0	NA	NA
11.6	8.3	9.52	7.84	0.091134	0.691377
64.55	45.04	79.61	70.17	-0.06407	0.87733
23.27	25.12	25.72	26.01	0.117981	0.242865
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
22.36	16.49	21.05	21.85	-0.11559	0.455575
32.86	11.58	15.71	13.48	-1.39948	3.05E-38
0.21	0.44	0.18	0.16	0.364272	0.629959
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.46	0.41	1.19	0.42	-1.13354	0.006372
10.78	15.26	11.1	10.04	0.196992	0.34544

5.16	4.53	4.93	4.82	-0.22539	0.267708
60.02	40.91	42.49	45.67	-0.5487	5.17E-12
6.89	7.09	10.37	8.23	0.372596	0.016309
14.4	14.94	14.67	17.39	0.034391	0.814366
0	0	0	0	NA	NA
3.05	2.75	4.04	3.98	0.037086	0.921158
10.94	12.37	12.9	13.85	0.011262	0.974041
8.26	8.14	9.59	8.98	0.211953	0.145311
0	0.02	0.03	0.01	NA	NA
91.23	94.92	116.2	92.19	-0.17922	0.108465
0	0	0	0	NA	NA
15	13.7	15.23	14.98	0.024966	0.849938
14.22	10.87	10.78	13.97	0.049925	0.815954
0.13	0.03	0.01	0.03	NA	NA
0.26	0.19	0.06	0	NA	NA
31.65	17.57	19.11	17.8	-0.85889	9.62E-18
31.64	22.48	26.42	23.31	-0.38881	6.54E-06
17.01	10.03	10.46	11.22	-0.36016	0.002628
0.05	0.02	0	0.02	NA	NA
6.25	3.73	4.92	4.31	-0.41165	0.023917
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.63	3.96	5.8	4.91	-0.64202	0.002801
2.85	2.96	3.25	3.84	-0.02879	0.93853
3.95	3.64	4.25	3.76	-0.02003	0.946972
2.98	5.03	4.37	4.29	0.279523	0.043482
13.3	12.07	13.81	12.97	-0.09958	0.599877
2.25	2.75	1.88	2.36	-0.07995	0.816257
0	0	0	0	NA	NA
3.63	3.05	3.24	3.43	-0.12584	0.700714
3.63	3.05	3.24	3.43	-0.12584	0.700714
7.24	5.84	5.69	5.68	-0.31747	0.039055
5.02	7.68	6.48	9.41	0.399699	0.002111
176.47	158.05	188.92	175.02	-0.08262	0.518248
0	0	0.57	0	NA	NA
0.31	0.15	0.54	0.22	0.220162	0.790475
0	0	0	0	NA	NA
5.85	7.67	7.42	8.97	0.299615	0.031956
0	0	0	0	NA	NA
636.07	440.19	467.75	440.79	-0.4932	1.48E-13
22.64	19.86	20.04	23.85	-0.11515	0.402412
474.3	437.5	425.53	429.91	-0.19845	0.012191
19.17	27.92	23.91	29.85	0.400266	6.78E-05

0.12	0.64	0.24	0.34	0.509696	0.491615
0.35	0.24	0.38	0.6	0.063299	0.919195
1.3	2.74	1.78	2.71	0.690014	0.001248
21.81	25.59	23.53	25.71	0.168073	0.14125
0	0	0	0	NA	NA
21.95	12.69	18.26	14.45	-0.63126	7.80E-08
0.22	0.24	0.89	0.31	0.17217	0.808211
65.4	56.38	73.28	54.19	-0.41553	0.001453
44.85	38.27	41.12	42.58	-0.2042	0.014723
2.2	2.7	2.9	2.66	0.10245	0.780318
1.46	0.88	1.01	2.43	-0.00541	0.994351
0.59	1.45	1	0.96	0.441217	0.365415
1517.48	1250.73	1351.98	1195.11	-0.27058	0.000752
4.27	4.14	4.93	5.87	-0.08994	0.666949
0	0	0	0	NA	NA
17.83	15.5	17.12	14.36	-0.24814	0.032806
6.21	5.97	7.9	7.64	0.255956	0.241392
19	22.87	23.12	24.75	0.254953	0.045043
11.63	15.9	12.4	15.22	0.267771	0.008677
7.72	3.38	5.35	4.23	-0.77264	9.45E-05
0.44	1.4	0.74	0.5	0.607658	0.308239
219.98	124.85	145.64	129.69	-0.74286	2.66E-19
135.34	168.61	159.11	163.9	0.118581	0.228442
1.75	1.69	1.58	1.05	-0.46791	0.201459
12.44	10.81	13.44	11.17	-0.53294	3.52E-05
3.59	1.61	2.14	2.59	-0.39112	0.077143
9.85	13.32	12.31	11.31	0.410796	0.005558
14.51	11.05	10.77	11.72	-0.40733	2.74E-05
14.68	26.3	17.93	22.79	0.461435	0.004233
0	0.02	0	0	NA	NA
0	0.14	0	0.08	NA	NA
5.91	5.27	6.22	5.66	-0.10417	0.682513
6.15	13.45	9.61	13.34	1.545558	3.15E-23
36.02	62.29	51.07	58.29	0.522181	4.14E-08
2.76	3.44	3.72	4.06	0.529717	0.094316
0.66	0	0.41	0.03	-1.86668	0.000949
0	0	0	0	NA	NA
0.1	0.28	0.15	0.23	-0.29282	0.652527
0	0	0	0.01	NA	NA
46.4	39.65	36.82	44.16	-0.16111	0.08638
24.01	13.68	19.24	16.93	-0.85888	1.80E-05
0	0	0	0	NA	NA
0.04	0.05	0.12	0.11	NA	NA
3.19	3.71	3.71	3.59	0.288105	0.112768
4.99	3.36	3.52	3.95	-0.12906	0.503256

0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.02	21.62	20.4	21.91	0.042027	0.776387
2.37	2.06	2.83	3.24	0.159476	0.586167
10.73	2.83	4.31	3.28	-1.13485	5.14E-05
5.69	4.75	5.22	3.61	-0.37807	0.166539
0	0.29	0.39	0	NA	NA
42.47	40.31	39.52	37.49	-0.28136	0.015136
0.38	0.66	0.68	0.17	-0.11784	0.891001
0.07	0	0	0.05	NA	NA
0.1	0.05	0.07	0.06	-0.55148	0.442903
0.09	0	0	0	NA	NA
44.06	43.28	42.56	44.08	-0.01047	0.947884
832.58	796.67	819.72	758.36	-0.15053	0.057745
0	0	0.08	0	NA	NA
3.33	3.88	2.61	3.35	-0.12571	0.620167
88.54	90.57	90.2	85.32	-0.00239	0.986548
27.22	27.12	26.5	25.33	-0.15158	0.170863
0.08	0.01	0.03	0.01	-1.45193	0.013633
2.02	1.39	2.45	2.84	-0.97057	0.021812
14.35	10.9	12.22	11.86	-0.10858	0.513598
0.89	0.72	0.84	1.16	-0.21924	0.613414
11.46	15	18.07	16.21	0.350556	0.013785
19.78	20.19	27.89	23.43	-0.04276	0.819846
5.84	10.36	10.7	9.24	0.615397	0.000259
0	0.05	0.09	0	NA	NA
11.41	10.81	11.51	10.15	-0.16603	0.237304
5.25	9.38	6.47	7.23	0.581372	0.000681
5.65	10.17	9.24	9.15	0.629364	0.000434
0.09	0.25	0.02	0.07	-0.41997	0.577378
12.15	15.53	12.19	12.28	0.043758	0.768326
16.54	9.24	9.95	9.21	-0.413	0.011878
11.61	13.5	13.57	13.67	0.220611	0.039889
0.57	0.54	0.4	0.37	-0.76754	0.037805
10.97	7.62	9.82	7.87	-0.19463	0.38697
17.71	24.19	20.71	21.91	0.17938	0.225579
0	0.02	0.1	0.03	NA	NA
12.56	11.24	11.41	12.56	-0.03849	0.861556
0.32	0.19	0.27	0.12	-0.19047	0.825575
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0	NA	NA

15.44	13.81	13.31	14.6	-0.1722	0.179344
0.34	0.19	0.33	0.35	-0.18528	0.776832
0	0	0	0	NA	NA
0.05	0.19	0.1	0.12	NA	NA
33.09	40.23	38.24	35.66	0.078333	0.548836
0.81	0.93	0.78	1.49	-0.36178	0.411248
10.28	10.26	11.14	13.26	-0.22809	0.327006
0	0	0	0	NA	NA
41.65	40.72	39.22	40.57	-0.17871	0.121271
14.35	22.83	19.13	20.15	0.436157	9.91E-05
566.37	602.72	615.19	621.82	0.001284	0.992801
0.04	0	0.05	0.08	NA	NA
10.36	9.83	10.54	9.55	0.118905	0.525892
0	0	0	0	NA	NA
58.61	46.38	47.86	45.19	-0.45265	2.81E-06
14.81	50.52	29.87	35.3	1.306158	5.94E-15
0	0	0	0	NA	NA
3.1	1.01	2.88	1.84	-0.5268	0.251251
0	0	0	0	NA	NA
0.11	0.34	0.23	0.31	-0.11161	0.89635
103	131.45	131.32	122.06	0.261951	0.004048
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.05	6.18	6.25	5.44	0.041873	0.875852
3.5	11.38	6.97	7.1	0.686546	0.000107
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.86	0.99	0.62	0.89	1.190402	0.00636
15.09	13.72	14.45	14.33	-0.12719	0.564287
153.55	177.94	168.41	165	0.141895	0.185076
1.38	1.02	0.4	0.45	-0.44158	0.519305
0	0	0	0	NA	NA
24.11	32.02	27.56	27.51	0.207671	0.06188
0.09	0.11	0.14	0.33	0.238027	0.775441
0	0	0.22	0.01	NA	NA
0.25	0.21	0.36	0.22	-0.07909	0.930091
7.26	8.15	9.83	8.12	0.195606	0.34291
0.11	0.03	0.04	0.02	NA	NA
0	0	0	0.05	NA	NA
0.07	0	0.1	0.04	NA	NA
0	0	0	0	NA	NA
8.91	5.48	8.63	6.92	-0.09708	0.785801
5.98	8.39	7.71	8.06	0.467199	0.003411
55.82	55.42	52.2	63.34	-0.11787	0.240255

0.53	1.95	1.54	1.91	1.659211	1.57E-07
0	0	0	0	NA	NA
12.5	17.36	12.35	13.06	0.218819	0.093669
0.28	0.79	0.58	0.63	0.155658	0.839294
22.97	22.73	27.18	23.87	-0.06632	0.684883
7.85	8.53	8.21	8.14	-0.10411	0.55991
0.11	0.16	0.21	0.13	0.168367	0.849079
32.31	20.44	22.67	22.83	-0.54248	9.29E-06
0.2	0.19	0.39	0.35	0.00224	0.997475
0.46	0.9	0.47	0.53	-0.22389	0.618661
8.85	11.95	11.35	11.94	0.30256	0.019577
120.58	138.54	121.38	138.7	0.02851	0.804435
0.75	0.81	0.92	1.07	0.344421	0.23502
0.14	0	0.03	0.02	NA	NA
17.93	18.2	17.35	18.89	0.210605	0.268625
367.25	133.01	180.95	147.13	-1.19108	1.78E-33
10.03	12.28	10.61	12.46	0.386735	0.006452
38.23	24.62	29.28	26.73	-0.32313	0.001875
24.57	10.72	14.82	12.88	-0.99981	4.43E-17
1.26	3.43	4.31	3.41	1.341073	2.42E-11
16063.93	16776.3	18709.66	18079.57	0.198078	0.010587
15.01	18.47	19.97	19.19	0.226308	0.152468
41.65	49.8	51.58	48.58	0.109583	0.475711
108.98	172.13	138.36	157.19	0.492338	3.04E-06
0.42	0	0.1	0.12	-0.98937	0.123509
8.83	10.92	11.28	10.8	0.29307	0.048788
6.73	10.15	8.06	8.67	0.412432	0.013298
5.26	7.38	4.43	6.24	-0.00148	0.995428
27.04	26.68	32.61	33.19	0.172923	0.125608
2.13	1.28	1.95	3.67	-0.55938	0.031257
634.68	455.26	504.53	446.54	-0.48491	2.08E-10
0.02	0	0	0.03	NA	NA
59.57	104.23	88.22	94.58	0.515396	1.89E-08
4.89	1.99	1.27	1.96	-0.28028	0.425367
20.69	23.84	22.12	21.47	0.157264	0.242315
97.52	111.17	116.89	118.13	0.132218	0.105453
12.05	8.2	9.35	11.58	-0.40313	0.053709
5.12	6.45	4.99	5.18	-0.00614	0.986413
0.23	0.12	0.2	0.23	-0.44593	0.53646
0	0.03	0.02	0	NA	NA
72.08	71.01	67.78	76.92	-0.06963	0.518703
3.66	5.06	4.52	4.47	0.286889	0.124627
0	0	0	0	NA	NA
1.11	1.45	0.95	1.22	-0.55718	0.188241
44.54	21.43	32.52	26.44	-0.72881	3.01E-09

0.1	0.25	0.07	0 NA	NA
1.54	22.77	11.79	17.75 3.313677	4.83E-30
0	0	0	0.05 NA	NA
54.3	42.65	44.46	39.86 -0.46743	1.65E-06
20.59	23.92	24.1	25.56 0.313904	0.004617
8.57	7.73	7.79	11.25 0.085114	0.683775
9.21	10.98	10.71	9.35 -0.02339	0.932297
3.21	2.78	2.83	2.32 -0.20185	0.483341
18.02	14.04	20.54	12.66 -0.18021	0.279012
0.06	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
30.66	33.89	34.16	34.52 0.01595	0.906096
104.36	187.76	152.18	169.41 0.653627	1.90E-13
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.3	0.97	1.55	1.38 -0.17567	0.623593
0.05	0	0.03	0 NA	NA
55.62	46.35	51.42	53.08 -0.10299	0.381735
5.02	7.1	8.18	7.83 0.415349	9.06E-05
23.4	27.58	27.53	36.55 0.297095	0.004592
126.84	279.34	255.14	293.84 0.973943	3.50E-33
16.61	27.31	28.43	27.49 0.620599	3.05E-13
23.26	22.73	21.02	21.43 -0.10049	0.44144
3.07	3.72	3.61	3.4 0.05292	0.856146
0.02	0.33	0.2	0.18 0.938836	0.136942
10.06	11.57	15.34	14.55 0.316275	0.016431
1.59	4.79	3.41	4.1 0.830627	0.001851
0.04	0.09	0.08	0.08 NA	NA
9.22	10.22	9.43	10.22 0.074291	0.652617
61.63	59.58	64.56	72.72 -0.0238	0.895538
23.11	26.31	23.7	23.96 -0.00107	0.995607
43.98	43.98	45.39	44.97 0.078055	0.518248
0	0	0	0 NA	NA
61.42	79.71	73.45	84.29 0.229325	0.012195
0	0	0	0 NA	NA
29.72	39.74	37.14	38.21 0.320835	0.002336
0.03	0	0	0 NA	NA
14.32	15.31	16.31	10 0.061886	0.866083
13.87	12.12	14.05	10.84 -0.1064	0.715194
0.04	0.06	0.03	0.07 0.060175	0.949004
15.79	34.5	26.23	27.57 0.801254	9.65E-12

17.26	25.55	24.97	20.75	0.502385	1.26E-06
8.53	9.57	9.82	10.15	-0.0081	0.973283
45.09	56.54	56.05	56.18	0.189002	0.066059
50.04	39.73	43.83	39.79	-0.30216	0.003443
28.84	23.05	24.74	27.19	-0.3046	0.004184
0	0	0	0	NA	NA
35.23	32.17	29.77	28.43	-0.02129	0.901333
5.6	4.63	4.92	4.28	-0.15752	0.566462
1.68	1.64	1.48	1.66	-0.09259	0.677015
20.61	12.03	13.02	11.96	-0.68504	4.20E-07
0.58	0.79	0.24	0.3	-0.71619	0.111556
14.3	10.7	12.84	10.77	-0.3434	0.014622
0	0.02	0.02	0.03	NA	NA
0.02	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0.51	0	0.07	NA	NA
0.08	0.06	0.07	0.03	-0.2856	0.712991
0	0	0	0	NA	NA
142.75	203.95	180.28	187.5	0.388374	5.55E-06
192.33	144.54	157.57	150.43	-0.27845	0.000104
25.01	10.06	15.08	13.39	-0.9306	2.60E-10
0.94	11.95	7.07	10.76	3.196393	1.29E-40
9.28	8.72	8.95	9.17	-0.0126	0.96662
16.24	28.8	22.54	26.35	0.641883	1.76E-08
6.91	10.12	9.64	9.91	0.176245	0.252547
23.71	29.1	24.28	25.24	0.166013	0.240231
18.33	57.32	33.88	43.84	1.226063	1.02E-17
3.97	9.51	5.66	8.48	0.812616	6.33E-05
4.35	1.8	2.35	1.99	-1.21553	4.21E-07
5.25	4.88	5.27	5.02	0.096253	0.608942
0	0	0	0	NA	NA
0.02	0.03	0	0.02	NA	NA
0	0	0.01	0	NA	NA
0.03	0.01	0.01	0	NA	NA
7.66	6.98	7.11	7.51	-0.08262	0.681835
7.32	8.23	8.04	7.88	0.054806	0.759063
31.65	46.39	41.25	43.35	0.391304	3.04E-05
0	0	0	0	NA	NA
2.16	1.12	1.48	0.78	-1.32985	3.01E-08
0.15	0.18	0.29	0.21	0.901174	0.169106
33.2	53.04	46.6	53.3	0.613478	1.10E-12
7.3	9.18	8.48	9.46	0.347716	0.049963
28.15	10.89	12.95	11.35	-1.25971	1.46E-47

0.02	0	0.01	0.02	NA	NA
0	0	0	0	NA	NA
61.7	90.55	88.36	94.89	0.484242	2.64E-11
39.75	43.8	44.79	45.83	0.087659	0.452265
0.53	1.33	1.41	1.79	0.939326	0.001111
0.54	0.12	0.21	0.29	-0.4125	0.585688
11.27	19.97	16.55	16.97	0.530453	4.90E-06
3.24	5.18	4.56	3.43	0.196897	0.454007
17.18	1.81	3.26	2.45	-2.7677	1.53E-74
38.38	9.55	11.91	11.13	-1.55702	5.10E-52
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.15	5.56	3.71	3.74	0.404251	0.224066
29.51	26.4	29.28	27.97	-0.16494	0.141343
11.12	19.92	17.49	20.68	0.799741	2.26E-11
0	0	0	0	NA	NA
10.05	10.38	12.5	10.13	0.024123	0.895033
0	0	0	0	NA	NA
4364.88	1182.61	1902.94	1671.17	-1.54918	5.54E-36
0.06	0.13	0.03	0.09	NA	NA
7.18	7.49	8.69	10.21	0.393851	0.106776
4.6	6.02	5.03	5.21	0.111507	0.603757
4.97	4.95	5.62	5.69	0.335073	0.042356
6.93	10.17	9.65	8.95	0.367979	0.062045
10.15	14.27	13.68	11.55	0.171295	0.249578
0	0	0	0	NA	NA
1.63	0.87	1.14	1.54	0.278386	0.731121
21.7	22.35	21.44	23.07	-0.0501	0.741906
0	0	0	0	NA	NA
79.28	53.09	66.45	59.8	-0.44898	3.51E-07
4.37	3.98	3.6	4.18	-0.20427	0.366495
170.41	134.01	154.28	141.17	-0.2656	0.001875
0	0	0	0	NA	NA
1.21	1.79	1.97	2.01	0.662526	0.004572
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.01	1.87	1.74	1.52	-1.39938	7.36E-15
151.57	208.84	194.27	178.68	0.28996	0.005099
0	0	0	0	NA	NA
1.19	0.5	0.74	0.66	-0.77784	0.037058
0	0	0	0	NA	NA
0.05	0.06	0.03	0.08	-0.46011	0.524162
0	0.01	0.12	0.01	NA	NA

0	0.18	0.15	0.17	NA	NA
18.1	17.98	16.91	16.79	-0.07001	0.665046
0	4.01	1.47	2.76	1.6959	0.003438
23.83	48.57	36.87	36.86	0.576644	0.000181
0	0.09	0.02	0.04	1.689079	0.003818
0	0	0	0	NA	NA
42.27	46.54	45.38	43.96	0.087535	0.410345
13.98	16.06	12.51	15.93	0.064963	0.714536
51.35	39.28	38.67	39.11	-0.41259	1.79E-05
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
11.81	20.4	15.96	17.33	0.561658	7.55E-06
5.54	7.06	6.33	6.44	0.247632	0.120591
18.22	9.36	10.92	10.69	-0.8433	1.58E-09
5.24	3.29	4.91	4.57	-0.329	0.027418
0	0	0	0	NA	NA
5.47	5.51	5.52	4.54	-0.1591	0.41714
5.69	8.31	6.51	6.51	0.263626	0.111213
7.39	4.78	6.56	5.86	-0.46781	0.00202
23.11	13.21	15.53	13.63	-0.72952	2.49E-10
4.34	5.67	4.76	5.05	0.161034	0.37404
3.4	4.08	4.44	4.22	0.239593	0.124365
41.67	48.29	48.91	44.93	0.1192	0.252547
3.87	3.69	3.79	3.96	-0.2587	0.267454
2.48	4.74	4.62	3.88	0.571127	0.00517
8.39	7.64	7.87	8.61	-0.08666	0.491041
0.17	0.55	0.25	0.68	-0.01562	0.986773
3.58	4.23	3.69	4.15	0.013852	0.952639
20.5	11.09	13.54	13.54	-0.14076	0.372632
1.53	0.82	1.34	1.33	-0.77676	0.04056
1.44	1.59	2.22	2.56	0.025307	0.951569
9.03	10.6	11.48	9.78	0.081276	0.611945
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	0	0.13	0.07	NA	NA
17.03	14.09	14.05	14.31	-0.01806	0.921986
20.3	67.14	50.67	56.57	1.56092	1.46E-44
0	0	0	0	NA	NA
4.67	4.35	5.28	4.34	0.101219	0.720827
0.05	0.27	0.1	0.3	0.748126	0.2566
18.12	21.63	18.27	18.04	0.035411	0.842874

20.49	19.8	17.82	19.75	-0.13688	0.314688
9.51	7.83	10.87	9.39	-0.28746	0.120976
11.06	12.92	14.06	14.79	0.037991	0.872808
90.9	121.28	118.26	128.06	0.277932	0.014047
58.04	54.76	55.62	53.29	-0.25148	0.064372
0	0	0.02	0	NA	NA
7.58	5.79	5.69	6.29	-0.56741	0.001964
81.39	75.07	85.2	81.92	-0.07019	0.510621
0	0	0	0	NA	NA
0.07	0.05	0.09	0.05	NA	NA
2.79	0.49	1.89	0.79	-1.5095	4.41E-08
4.46	16.14	10.26	13.96	1.570227	5.29E-17
3.78	0.86	2.56	1.39	-1.18078	3.22E-07
7.44	8.49	7.57	8.45	0.042685	0.807079
0	0	0.19	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.96	27.48	25.79	27.64	0.056972	0.723
45.58	22.39	33.31	25.83	-0.85796	3.96E-10
0.14	0.17	0.15	0.15	0.342179	0.515404
0.14	0.17	0.15	0.15	0.342179	0.515404
4.85	7.54	6.01	6.65	0.124079	0.487271
5.01	0.83	2.13	1.22	-1.64192	8.78E-12
0.08	0.02	0.1	0.07	NA	NA
68.29	89.66	74.17	74.81	0.248724	0.019086
0	0.01	0.01	0.01	NA	NA
1.44	3.74	2.92	4.02	1.144459	0.000113
0	0	0	0	NA	NA
1.06	1.14	1.3	0.72	-0.61707	0.011578
0.14	0.15	0.05	0.05	NA	NA
0.03	0	0.04	0	NA	NA
25.5	25.36	24.52	24.73	-0.03095	0.848795
0	0	0.11	0	NA	NA
0	0	0	0	NA	NA
5.69	7.16	5.33	6.92	0.07368	0.746274
11.58	15.11	12.33	11.64	0.081196	0.549425
6.4	4.51	4.91	4.73	-0.4516	0.033994
177.54	147	154.49	162.14	-0.12182	0.41746
14.37	13.37	14.68	14.21	-0.05633	0.694656
3.01	6.07	5.87	6.97	0.996453	4.07E-07
6.82	2.92	3.79	3.91	-0.76174	1.91E-08
29.99	66.02	63.58	68.44	1.092182	3.90E-32
0.04	0.09	0.09	0.1	NA	NA
0	0	0.02	0	NA	NA
166.29	172.02	192.55	201.99	0.131598	0.134867

3.93	7.43	6.24	6.91	0.731025	3.99E-13
13.08	12.59	11.54	13.56	0.079883	0.526979
0	0	0	0	NA	NA
20.78	23.68	26.61	24.23	0.059617	0.691476
0	0	0	0	NA	NA
0.25	0.4	0.37	0.33	0.098364	0.890238
0.2	0.12	0	0	-2.46688	4.40E-06
0	0	0	0	NA	NA
0.42	0.19	0.25	0.38	-0.94641	0.000726
11.01	13.56	12.01	13.69	0.206746	0.226464
11.01	13.56	12.01	13.69	0.206746	0.226464
0.5	0.32	0.32	0.48	-0.23938	0.740584
4.69	4.92	5.03	4.65	0.067121	0.80934
7.5	6.46	6.39	5.47	-0.33819	0.053842
7.5	6.46	6.39	5.47	-0.33819	0.053842
104.76	106.53	101.92	103.47	-0.08279	0.39031
104.76	106.53	101.92	103.47	-0.08279	0.39031
12.69	16.67	15.33	15.75	0.180059	0.187987
0.14	2.54	0.86	1.02	1.896832	0.00026
5.21	5.8	5.8	5.77	0.054419	0.718976
6.02	18.07	11.33	14	1.207229	1.34E-13
0	0	0.13	0	NA	NA
0.02	0	0	0	NA	NA
3.68	4.16	4.63	4.78	0.135379	0.591581
100.41	43.06	49.02	57.97	-0.99044	1.31E-22
30.68	31.23	30.98	30.3	0.236329	0.093224
0	0	0	0	NA	NA
5.64	4.6	4.55	9.25	0.31097	0.029691
0	0	0	0	NA	NA
22.42	20.31	18.62	20.75	-0.03429	0.832661
0.57	2.52	1.47	2.17	1.684457	3.20E-09
39.53	37.96	40.07	39.08	0.009715	0.945692
0	0	0.01	0	NA	NA
24.64	30.63	34.75	28.93	0.120632	0.269833
3.8	5.73	4.65	4.58	0.294532	0.133414
25.28	35.47	33.27	34.26	0.345426	0.005815
3.33	5.46	4.67	4.83	0.305621	0.294834
0	0	0	0	NA	NA
4.75	8.02	9.51	7.16	0.658286	0.007765
0	0	0	0	NA	NA
4.54	5.03	4.32	4.56	0.017315	0.923021
0	0	0	0	NA	NA
21.21	25.63	25.7	27.39	0.225107	0.034456
0.07	0.16	0.1	0.17	-0.33208	0.662948
5.88	3.28	3.63	5.17	-0.41266	0.167881

15.76	19.21	19.04	19.09	0.177309	0.109549
120.29	143.91	126.31	134.24	0.085785	0.467135
0	0.02	0	0 NA	NA	
24.85	28.46	29.96	29.27	0.126434	0.359795
53.31	60.26	59.63	55.84	0.153777	0.185005
40.88	12.01	16.14	14.71	-1.48935	7.82E-39
3.87	5.3	4.63	5.42	0.280591	0.145516
19.98	33.95	28.51	30.03	0.411783	0.001182
2.54	1.78	2.81	1.59	-0.24283	0.587293
0	0.09	0.16	0.14 NA	NA	
12.78	11.31	13.34	12.94	0.114899	0.622344
1.28	0.96	0.48	1.02	-0.5904	0.0745
0	0.14	0	0.1 NA	NA	
5.56	5.62	4.48	4.96	0.091947	0.784872
16.27	14.33	17.41	16.3	0.0147	0.937483
0.09	0.08	0.05	0.06	-0.17066	0.846993
0	0	0	0 NA	NA	
5.95	4.26	4.23	5.18	-0.64628	0.000149
0.77	1.56	1.11	1.28	0.433659	0.145193
0	0	0	0 NA	NA	
0.31	9.01	5.2	5.43	3.620071	1.52E-17
7.48	5.16	5.46	6.54	-0.36124	0.07838
0.01	0.01	0.01	0.01 NA	NA	
0.1	0	0	0.02 NA	NA	
11.55	10.41	10.35	9.43	-0.23273	0.141124
0.47	0.05	0.05	0.02	-0.51038	0.485103
0	0.01	0.04	0 NA	NA	
0	0	0	0 NA	NA	
0.19	0	0	0.09 NA	NA	
0	0	0	0 NA	NA	
0	0	0.04	0 NA	NA	
0.21	0.68	0.46	0.64	1.044794	0.001163
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
12.41	25.86	17.44	18.32	0.676704	2.49E-06
21.42	29.38	25.74	26.12	0.264717	0.058085
9.87	7.99	7.52	7.06	-0.14723	0.561445
14.64	15.28	15.08	17.49	0.185473	0.084531
3.38	2.5	3.03	2.74	-0.11933	0.650585
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
26.71	48.25	43.37	44.32	0.583768	1.12E-11
0.16	0.38	0.4	0.41 NA	NA	

0.05	0.03	0.06	0.1	0.400183	0.603823
12.06	17.26	15.92	16.08	0.439052	6.99E-06
0	0	0	0	NA	NA
3.48	2.07	2.53	2.51	-0.69468	1.67E-05
0	0	0.06	0	NA	NA
17.17	3879.74	914.88	2168.01	5.302223	2.13E-33
3.56	0.3	0.91	0.58	-2.52941	2.11E-12
0	0	0.01	0.04	NA	NA
3.37	18.83	8.23	13.84	1.811012	5.30E-08
17.61	24.57	31.31	32.54	0.842074	5.86E-12
0	0.14	0	0	NA	NA
7.05	10.36	8.39	8.97	0.408618	0.002622
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
23.46	23.9	27.96	21.39	0.146534	0.32397
0.16	0.03	0.08	0.05	-0.62347	0.376661
15.59	7.85	8.86	12.15	-0.45836	7.02E-06
146.81	151.65	144.92	146.51	0.052423	0.606835
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.94	3.82	4.61	4.09	-0.59593	7.51E-05
2.59	2.56	2.25	2.66	-0.16631	0.45643
0.03	0.07	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
20.25	36.73	29.06	33.66	0.651401	1.12E-09
0	0	0	0	NA	NA
82.77	101.56	104.26	104.43	0.285316	0.000232
90.71	78.64	99.29	75.94	-0.22701	0.062061
1.25	1.5	1.24	1.36	0.098212	0.821404
0	0	0	0	NA	NA
7.78	1.63	4.17	2.54	-1.21498	4.16E-05
21.23	23.32	21.38	23.37	-0.14361	0.33825
5.21	5.85	7.47	7.61	0.472964	0.001571
2.68	3.4	2.42	2.65	0.184047	0.49698
20.24	15.88	15.84	17.64	-0.27955	0.109529
46.09	111.81	82.25	95.23	1.113487	5.65E-27
0	0	0	0.07	NA	NA
0.08	0.24	0.18	0.37	0.39514	0.550111
11.06	14.12	15.67	14.02	-0.17401	0.303684
4.95	7.29	7.87	7.26	0.401825	0.037445
0	0	0	0	NA	NA

1.33	1.18	1.5	1.21	0.005723	0.989838
19.85	36.6	32.64	28.37	0.491355	0.027902
7.34	2.65	3.43	3.71	-1.21744	1.32E-18
0.97	1.08	1.09	1.16	0.081384	0.789073
12.02	11.03	11.83	11.86	-0.0183	0.894838
7.16	5.34	6.52	7.19	-0.22564	0.326837
0	0	0	0	NA	NA
1.7	1.77	1.59	1.72	0.087376	0.844731
0	0	0	0	NA	NA
0.15	0.11	0.22	0.36	0.04067	0.962062
41.8	37.81	37.74	39.34	-0.20416	0.028947
4.92	4.73	4.84	5.96	-0.05681	0.845295
0.07	0.24	0.15	0.65	1.044112	0.10171
0	0	0	0	NA	NA
19.63	25.67	22.08	24.01	0.255902	0.154152
26.92	25.97	27.3	27.2	-0.06697	0.680958
9.22	13.4	10.93	11.69	0.197105	0.289947
0	0	0	0	NA	NA
24.71	49.82	59.13	58.81	1.178286	3.42E-46
95.62	92.91	95.63	91.93	-0.03842	0.747061
24.65	29.83	20.61	23.54	-0.12059	0.626917
0	0	0	0	NA	NA
20.98	18.18	22.13	17.35	0.013396	0.948772
36.71	37.69	34.91	36.33	0.049767	0.721724
21.66	20.83	21.2	19.25	-0.11893	0.405126
27.62	16.26	17.86	18.17	-0.66255	1.08E-05
24.34	20.36	19.47	21.56	-0.22405	0.133472
4.7	1.1	1.36	0.78	-1.72017	1.77E-08
2.52	1.81	2.44	1.06	-0.54254	0.211247
0	0	0	0	NA	NA
38.19	47.64	44.13	49.22	0.330524	0.000121
0	0.05	0.03	0	NA	NA
0.29	0.04	0.16	0.19	-1.27982	0.014814
8.46	11.03	8.74	11.53	0.173133	0.38982
0	0	0	0	NA	NA
61.59	79.85	74.69	78.67	0.234179	0.011176
0	0	0	0	NA	NA
0	0.15	0.07	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
88.06	70.15	81.73	75.53	-0.28496	0.002465
11.27	12.88	13.33	13.9	0.113435	0.511956
13.18	26.68	18.17	21.95	0.705219	6.66E-08

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.01	2.2	2.28	2.71 1.788601	5.58E-19
20.14	33.71	46.63	40.54 0.811281	6.80E-22
0	0	0	0 NA	NA
19.76	14.88	15.84	14.39 -0.4105	0.000708
0.02	0.09	0.05	0.11 1.183845	0.051975
0	0	0	0 NA	NA
10.43	12.52	12.14	15.31 0.211491	0.033436
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0.19	0.2	0.11 -0.32986	0.657704
0.99	0.42	0.46	0.52 0.336454	0.64611
0.6	0.22	0.14	0.19 -0.12051	0.871001
0.03	0	0	0 NA	NA
9.42	8.14	8.9	8.42 0.158598	0.265507
0	0	0.54	0.23 NA	NA
0	0	0	0 NA	NA
80.48	40.25	46.87	44.24 -0.92117	3.44E-22
0	0.02	0	0 NA	NA
11.54	12.66	10.34	12.63 0.055812	0.702492
0	0	0	0 NA	NA
83.13	301.3	229.78	265.85 1.631823	1.37E-49
1.74	1.3	1.27	1.73 -0.00979	0.975618
0.2	0.06	0.18	0.35 0.2772	0.702822
27.57	31.8	29.58	28.44 0.164176	0.155466
8.1	10	7.63	9.3 0.05675	0.720745
13.51	29.75	23.37	27.92 0.902347	8.83E-19
3.53	0.31	0.64	0.67 -2.54949	2.55E-11
13.01	5.61	5.87	5.62 -1.08101	7.95E-18
3.05	4.38	4.22	3.24 0.133364	0.597269
0.02	0.15	0.03	0.04 NA	NA
4.6	4.48	3.14	4.78 0.233953	0.308239
13.61	13.76	13.32	14.52 0.005582	0.978047
0.02	0	0.04	0.04 NA	NA
16.26	12.61	12.54	14.3 -0.36304	0.016861
9.23	15.73	13.29	16.17 0.613832	1.05E-09
13.58	12.71	11.45	10.85 -0.13899	0.515531
75.28	93.05	82.88	86.18 0.154279	0.210945
1.85	3.16	2.21	2.64 0.291403	0.301606
0.03	0.04	0.04	0.04 NA	NA
2.09	5.94	4.57	5.64 0.967841	8.74E-14
24.02	17.44	18.74	19.94 -0.16314	0.100171
0.18	0.03	0.05	0 NA	NA

58.83	31.28	38.99	40.28	-0.65693	2.77E-15
1.92	5.62	2.02	4.46	0.95471	2.44E-07
0.21	0.96	0.45	0.76	1.934427	2.68E-07
56.8	33.45	42.91	41.13	-0.47991	4.87E-06
54.05	63.65	65.87	61.94	0.158138	0.062685
72.59	66.53	72.09	64.73	-0.17928	0.126355
13.79	12.13	12.61	12.72	-0.11725	0.495779
85.53	69.76	71.36	70.05	-0.44491	7.35E-06
0.03	0	0	0.03	NA	NA
0.29	0.25	0.19	0.26	-0.06789	0.941708
0	0.63	0.13	0.2	1.78347	0.001928
0.01	0	0	0	NA	NA
0.02	0.34	0.22	0.34	2.846896	1.82E-09
4.44	5.39	4.8	4.64	-0.06786	0.783544
11.9	9.31	9.7	8.59	-0.38711	0.001379
4.83	9.94	8.99	7.29	0.307657	0.197407
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
2.11	1.93	1.7	2.39	-0.09157	0.719768
4.31	5.67	5.21	5.81	0.422354	0.003472
0	0.19	0.41	0.15	1.030454	0.106295
0	0	0	0	NA	NA
54.82	52.14	50.3	47.15	-0.12896	0.273982
56.51	71.2	70.1	66.9	0.192753	0.036144
7.42	9.68	9.07	9.71	0.202293	0.069231
0	0	0	0	NA	NA
0.14	0.09	0.19	0.22	-0.03149	0.968828
3.34	2.41	2.76	3	-0.14078	0.430239
0.96	1.2	0.73	0.81	-0.03767	0.949004
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0.03	0	NA	NA
5.8	3.87	4.76	3.68	-0.44548	0.070643
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
5.12	5.43	5.13	5.27	0.149197	0.360406
3.54	3	3.69	3.65	-0.42454	0.08638
2.54	2.15	2.55	2.31	-0.07225	0.788023
0	0.22	0.12	0.25	1.553714	0.008727
0.34	0.22	0.05	0.09	-0.26344	0.750639
5.9	4.11	4.57	5.21	-0.14512	0.675953
0	0.16	0.14	0	NA	NA
6.11	6.46	6.32	7.26	0.185669	0.280328
0.15	0.21	0	0.09	NA	NA

20.31	18.76	20.29	19.17	-0.09345	0.418077
120.34	103.27	113.57	107.5	-0.08883	0.432449
0	0	0	0	NA	NA
3.45	4.08	4.74	4.32	0.191062	0.358058
0.17	0	0.14	0	NA	NA
2.5	1.69	1.98	1.54	-0.43203	0.08555
10.58	8.85	8.43	8.12	-0.20388	0.115611
65.25	57.74	66.86	64.41	-0.14272	0.165297
3.95	4.12	3.41	4.1	0.314298	0.372075
34.01	25.89	30.91	26.55	-0.52837	6.41E-08
259.68	196.03	219.83	193.27	-0.12278	0.178587
3.78	1.37	1.95	0.73	-1.044	0.004335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
15.05	16.09	17.61	16.87	-0.04454	0.821682
0.83	0.39	0.44	0.32	-0.64703	0.28806
599.85	494.93	518.65	496.35	-0.32202	1.64E-05
0	0	0	0	NA	NA
36.07	21.83	27.1	20.86	-0.75794	1.18E-07
0.44	0.15	0.24	0.26	-0.54358	0.405702
474.9	844	730.89	779.4	0.580547	1.76E-11
7.35	6.71	6.28	7.35	-0.13154	0.380017
0	0	0	0	NA	NA
0.15	0	0	0	NA	NA
2.66	2.71	2.38	3.81	-0.0085	0.976227
4.62	10.39	6.59	7.05	0.88663	8.62E-06
2.81	4.29	3.65	4.53	0.690286	0.004103
242.7	298.98	256.53	283.46	0.24323	0.004859
0.54	0.18	0.23	0.31	-1.5047	0.005708
6.66	2.55	3.47	2.53	-0.88672	3.15E-05
16.91	12.02	12.63	11.24	-0.52871	7.26E-06
0	0	0	0	NA	NA
0.87	4.41	2.03	2.91	1.861359	4.70E-05
0	0	0	0.04	NA	NA
23.23	27.11	21.09	22.1	-0.15045	0.484857
0	0	0	0	NA	NA
1.86	1.46	2.24	2.01	0.202027	0.483782
0.08	0.02	0.05	0.02	-0.05747	0.950664
0	0	0	0	NA	NA
8.69	7.14	7.78	7.55	0.000496	0.998167
1.36	0.79	1.12	0.96	-0.60851	0.023533
0.38	0.56	0.58	0.42	0.538854	0.207215
0	0	0	0	NA	NA
9.02	13.93	11.55	12.56	0.703419	9.27E-05

4.63	5.82	4.97	5.46	-0.25087	0.451091
0	0	0	0	NA	NA
26.13	16.56	17.46	15.43	-0.88249	1.07E-13
0	0	0.13	0	NA	NA
29.51	30.13	33.25	30.78	0.101708	0.4566
0.04	0	0	0	NA	NA
12.45	6.22	8.13	6.58	-0.83257	4.58E-08
0.36	0.39	0.82	0.65	-0.70801	0.188414
0.06	0.29	0.21	0.24	0.98895	0.118674
22.35	28.5	26.06	28.83	0.17662	0.163895
2.54	3.52	3.57	3.68	0.632841	0.000728
0	0	0	0	NA	NA
4.66	4.33	4.19	4.5	-0.11294	0.486604
3.2	2.89	6.25	7.68	0.521126	0.077355
7.73	9.36	8.17	5.18	-0.13999	0.460647
0	0	0	0	NA	NA
4.58	5.47	5.04	5.31	0.055092	0.823938
2.07	1.77	1.49	1.28	-0.33371	0.576805
14.2	14.39	14.57	14.32	0.030389	0.81911
13.92	15.55	17.11	13.41	0.082296	0.720842
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
10.81	26.87	21.19	24.91	1.203428	2.42E-22
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	1.16	0.67	0.65	1.340721	2.40E-07
17.73	19.57	17.75	18.18	-0.00653	0.975981
0.21	0.03	0.12	0.09	-0.66492	0.340683
39.19	40.66	45.33	40.1	0.150388	0.192886
0	0	0.11	0	NA	NA
1.78	4.36	2.17	2.24	0.350957	0.143111
0	0	0	0	NA	NA
16.8	26.32	34.1	34.95	0.80461	7.30E-20
0.47	0.7	0.45	0.31	0.857222	0.076839
24.06	33.49	33.04	33.08	0.357531	0.000344
2.57	0.59	1.17	0.84	-1.41525	2.50E-09
5.16	4.97	3.97	4.02	-0.19618	0.51958
0	0	0	0	NA	NA
58.66	203.85	173.12	193.41	1.616485	7.19E-68
0	0.06	0.04	0	NA	NA
5.75	3.69	4.81	4.42	-0.36302	0.036277
3.65	1.19	1.65	1.63	-1.30573	3.40E-09
0.06	0.72	0.72	0.78	2.355143	5.59E-08

129.27	74.8	83.24	86.34	-0.74601	5.81E-21
9.05	9.88	9.5	11.27	0.108027	0.65345
0	0	0	0	NA	NA
9.68	11.71	12	11.42	0.274607	0.073863
0	0	0	0	NA	NA
39.6	49.64	49.31	48.81	0.229975	0.00858
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
13.17	17.44	15.5	16.15	0.189454	0.246854
2.83	1.05	1.83	1.27	-0.84715	7.94E-05
0	0	0	0	NA	NA
2.61	1.32	2.7	1.52	-0.45193	0.128454
3.63	2.89	3.36	3.23	-0.21787	0.370764
19.73	19.23	18.12	17.56	-0.13217	0.315263
10.52	10.39	12.63	12.5	0.088931	0.629904
7.17	7.92	8.57	7.94	0.313884	0.254297
9.03	11.98	10.47	10.39	0.009168	0.969266
1.44	3.08	2.72	2.74	0.860392	0.000856
11.57	11.34	11.91	11.3	-0.29671	0.00472
8.59	14.68	8.53	12.1	0.475184	0.014809
5.19	10.17	8.92	9.62	0.801106	3.03E-09
0.54	0.57	0.45	0.55	-0.25168	0.624592
0	0	0	0	NA	NA
0	0.25	0.57	0.41	0.277528	0.726115
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.97	6.32	9.4	9.23	-0.57288	0.000334
0	0.02	0	0	NA	NA
0	0.14	0.04	0.02	NA	NA
0	0	0	0	NA	NA
20.86	39.72	31.78	31.89	0.571742	1.70E-07
0.08	0.05	0.09	0.11	0.066594	0.944939
16.45	20.07	17.14	18.69	0.431519	5.26E-07
0	0	0	0	NA	NA
3.6	4	3.84	3.34	-0.1844	0.446884
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
12.44	12.81	11.13	9.81	-0.19246	0.365605
5.11	9.97	10.2	11.16	0.659453	1.31E-05
3.69	5.68	5.42	4.92	0.559091	0.001254
0	0.02	0	0.02	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.04	0	0	NA	NA
19.92	14.63	17.57	15.73	-0.30529	0.001402
0.16	0.37	0.46	0.17	-0.00341	0.996867
10.24	4.94	7.69	6.93	-0.63931	3.82E-06
0	0	0	0	NA	NA
4.94	5.17	4.95	4.6	-0.07931	0.767408
0	0	0	0	NA	NA
10.12	14.04	12.4	13.73	0.344169	0.001945
5.87	6.64	6.74	6	-0.02388	0.924606
27.48	23.26	29.59	27.09	-0.01576	0.944533
0	0	0	0	NA	NA
4.01	4.04	3.91	3.87	-0.20645	0.23488
8.34	8.19	9.14	8.85	0.066521	0.652171
31.62	48.32	49.91	55.16	0.685782	2.44E-13
38.15	35.03	35.17	37.67	-0.15304	0.099347
14.17	15.15	16.24	14.11	0.129195	0.349311
902.47	774.31	743.39	676.36	-0.2979	0.000171
0	0	0	0	NA	NA
0	0.11	0.31	0.05	NA	NA
39.05	36.57	39.8	36.25	-0.19494	0.096902
0	0	0	0	NA	NA
11.69	9.66	9.68	10.77	-0.34537	0.037453
5.93	8.93	7.44	6.84	0.154281	0.3759
64.38	65.63	58.2	59.45	-0.1662	0.371025
1.08	2.16	2.07	2.21	0.688309	0.063334
2.26	1.89	2	2.66	-0.05894	0.833498
1.29	2.1	3.27	1.69	0.309471	0.40711
21.28	15.87	19.94	20.1	-0.10922	0.516817
0	0	0	0	NA	NA
5.69	2.95	4.99	4.69	-0.22922	0.082863
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.6	6.85	5.57	6.84	0.219471	0.31881
0	0	0	0	NA	NA
11.65	8.62	10.57	11.96	-0.05849	0.735077
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.87	0.75	1.18	0.46	-0.18862	0.741372
163.11	210.83	170.93	170.29	0.135203	NA
0	0	0	0	NA	NA

0.02	0.1	0.05	0.08	NA	NA
0.51	5.83	7.14	6.71	2.786166	3.25E-41
7.47	1.53	3.8	2.05	-1.70724	9.70E-18
0.12	0	0.17	0	NA	NA
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
11.93	14.68	13.98	15.07	0.189834	0.13537
0	0.08	0.1	0.08	1.119729	0.052606
0	0	0	0	NA	NA
2.36	2.65	2.89	3.53	0.078419	0.741923
3.73	2.96	3.1	3.68	0.080291	0.752257
16.36	12.49	16.7	14.44	-0.23051	0.065565
0.79	1.03	0.85	1.07	0.2577	0.666949
5.81	5.56	5.09	6.12	-0.38303	0.069706
0	0.03	0	0	NA	NA
0.32	0.08	0.07	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
29.68	21.33	21.19	22.77	-0.23935	0.060021
0.03	0	0.03	0.02	NA	NA
0	0	0	0	NA	NA
23.74	31.92	28.84	32.9	0.374795	0.00035
1.5	1.16	1.47	1.35	-0.22605	0.594664
0	0.02	0	0	NA	NA
2.56	3.08	3.43	2.8	0.175528	0.606159
3.32	4.35	4.36	4.75	0.442365	0.016848
0.39	0.04	0	0	NA	NA
0	0	0	0	NA	NA
3.72	3.65	4.91	3.57	0.011955	0.973543
4.46	4.99	4.88	5.98	0.217844	0.082203
15.33	13.31	14.26	11.23	-0.02042	0.895604
0	0.04	0.02	0.02	NA	NA
0.63	0.66	0.36	0.38	-0.15603	0.821283
0	0	0	0.1	NA	NA
0.45	0.26	0.55	0.51	-0.3887	0.439869
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
11.04	8.44	7.33	6.41	-0.70617	3.07E-06
3.53	3.13	2.67	3.09	-0.27486	0.109277
0	0	0.05	0	NA	NA
13.98	18.76	16.91	19.28	0.241232	0.084188
0	0	0	0	NA	NA
36.34	39.89	43.16	38.8	0.073992	0.528371
25.39	12.25	14.34	12.31	-0.98372	1.77E-24
13.89	25.58	25.31	22.7	0.699554	2.91E-08

54.53	70.17	63.65	66.48	0.167422	0.217165
7.01	8.21	6.33	5.67	-0.26331	0.151521
6.26	11.13	9.7	11.48	0.598596	1.29E-06
12.34	11.26	11.34	11.46	-0.2563	0.154853
4.8	5.56	3.97	4.63	-0.12971	0.589862
0.62	0.62	0.63	0.93	-0.09301	0.878994
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.94	12.64	13.41	14.66	0.074735	0.79555
30.57	21.08	24.1	20.26	-0.31653	0.046088
54.54	83.03	75.77	81.02	0.454874	1.63E-08
0.73	3.88	3.47	2.75	1.108284	5.03E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.69	0.07	0.08	0.05	0.539532	0.456847
31.65	40.76	33.32	32.77	0.182617	0.233531
37.93	78.9	64.07	76.56	0.829351	1.99E-16
0.47	0.28	0.14	0.26	-0.75832	0.255372
0.19	0	0.03	0.03	NA	NA
0	0	0	0	NA	NA
0.15	0.02	0.01	0.03	NA	NA
1.82	0.67	0.14	0.21	-0.88259	0.101523
0	0	0	0	NA	NA
0.61	3.13	1.95	1.49	2.743726	8.00E-21
4.77	6.22	7.07	7.84	0.143758	0.365559
1.31	0.62	0.98	0.81	-0.29738	0.515404
2.17	2.43	1.46	1.85	-0.01194	0.975638
65.87	57.06	56.86	58.6	-0.21409	0.008364
26.66	34.88	32.22	34.61	0.379219	1.08E-05
0.02	0.15	0.02	0.05	0.138221	0.877295
22.73	28.78	26.41	28.02	0.12428	0.341614
11.09	16.09	13.94	14.85	0.292126	0.002067
16.99	19.71	16.69	14.63	-0.17302	0.416799
281.25	299.94	335.74	329.28	0.080967	0.458912
0.83	0.55	0.96	1.58	0.989867	7.16E-05
0.02	0.02	0.16	0.12	0.739583	0.280974
2.94	0.99	0.8	1.22	-1.57266	4.25E-07
0.23	0.6	0.73	0.46	0.897558	0.118772
1.85	2.05	1.57	0.96	-0.17914	0.695627
0.08	0	0	0	NA	NA
2.94	5.68	4.02	4.13	0.525698	9.19E-05
0.1	0.07	0.02	0.07	-0.21212	0.800219

0.88	0.13	0.24	0.22	-1.99199	6.20E-13
6.13	3.82	7.2	5.51	-0.333333	0.145034
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.18	11.57	9.19	10.14	0.383519	0.001336
24.29	39.64	37.11	36.74	0.489281	0.001177
20.11	21.18	18.84	22.72	-0.03781	0.846993
2.15	2.63	2.65	2.7	-0.27527	0.421641
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.47	15.35	13.27	14.42	0.345162	0.062348
30.92	18.13	23.21	21.62	-0.51987	1.35E-08
0	0	0	0	NA	NA
2.84	2.4	2.36	2.7	-0.0012	0.997047
0	0.02	0.02	0.02	NA	NA
7.47	16.01	10.46	13.27	0.869976	7.83E-11
14.44	11.47	12.66	10.01	0.028661	0.924604
23.33	22.92	20.69	20.58	-0.2652	0.004491
0	0	0	0	NA	NA
0.25	0.09	0.09	0.1	-0.71632	0.298406
2.8	3.88	5.4	4.42	0.299858	0.054217
6.43	9.26	8.16	9.04	0.272098	0.012041
15.37	10.85	11.37	13.82	-0.03222	0.865089
10.94	10.99	11.5	10.7	0.01972	0.903805
0	0.04	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.8	5.74	4.29	4.67	0.735205	5.87E-07
0	0	0	0	NA	NA
46.47	45.59	47.83	46.79	0.044768	0.734893
13.84	11.99	12.73	12.58	-0.3164	0.008228
0	0	0	0	NA	NA
0	0.06	0.05	0	NA	NA
14.6	14.46	11.78	11.35	-0.01524	0.948824
0	0	0	0	NA	NA
0.4	0.84	0.41	0.71	0.20599	0.599992
15.28	5.93	6.43	6.64	-1.1089	7.62E-18
0	0	0	0	NA	NA
0.09	0	0.03	0	-1.45271	0.014723

0.19	0.25	0.39	0.39	-0.68631	0.202477
1.05	1.19	1.05	1.66	-0.03107	0.954093
84.68	95.36	89.15	77.84	0.117391	0.368657
0	0	0	0	NA	NA
2.66	2.74	2.88	2.7	0.076512	0.811816
0	0	0	0	NA	NA
0	0.04	0.06	0.04	NA	NA
25.65	35.93	35.91	34.87	0.402986	1.37E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
40.24	32.81	34.26	39.94	-0.06048	0.697
0.79	1.07	0.5	1.74	-0.27095	0.623698
7.8	6.77	6.78	6.25	-0.21815	0.264226
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
127.44	123.1	144.39	139.51	0.036328	0.773744
16.65	24.8	18.6	21.92	0.506284	4.63E-05
8.62	7	6.24	9.01	-0.36931	0.014129
5.2	9.11	9.03	9.34	0.57318	6.12E-07
0	0.07	0.07	0	NA	NA
1.57	1.65	1.78	1.78	0.271422	0.300549
3.29	13.06	11.65	13.08	1.677731	4.19E-50
28.98	36.49	33.54	34.27	0.134404	0.239093
0.11	0.24	0.48	0.47	-0.0287	0.975717
17.38	17.86	16.58	17.16	-0.04976	0.671172
0	0	0	0	NA	NA
2.2	3.11	2.13	1.6	-0.49709	0.028355
0.06	0.03	0.06	0.16	0.546942	0.449265
5.91	3.97	5.22	4.71	-0.0649	0.871476
0	0	0	0	NA	NA
0	0.06	0.11	0.12	NA	NA
8.75	12.34	10.47	12.72	0.433191	0.000251
11.84	10.69	10.21	11.32	-0.21278	0.024568
0.1	0	0.07	0	NA	NA
5.79	4.54	5.02	4.31	-0.33722	0.139012
31.62	31.26	33.94	27.26	-0.19744	0.199194
0	0	0	0	NA	NA
0.01	0.03	0.01	0.01	NA	NA
30.25	24.96	28.68	26.61	-0.23225	0.035794
0	0	0	0	NA	NA
7.3	3.74	4.9	3.92	-0.91482	1.14E-08
0.38	2.35	1.01	1.2	1.684119	1.47E-07

1.88	7.05	3.97	5.67	1.694705	8.91E-12
31.08	38.7	35.55	37.23	0.228861	0.183415
1.62	0.34	0.71	0.33	-1.32288	0.007216
2.06	1.22	1.28	0.98	-0.15459	0.786871
0	0	0	0	NA	NA
4.01	4.51	4.01	3.84	0.117978	0.684112
0.08	0.36	0.22	0.17	0.894872	0.161374
8.69	5.17	5.94	5.93	-0.49189	0.0103
0	0	0	0	NA	NA
0.2	0.12	0.02	0.06	-0.17708	0.836225
0.05	0.22	0.14	0.12	0.636539	0.363591
0.01	0.05	0.07	0.09	0.177343	0.840665
0.34	0.4	0.19	0.34	0.621253	0.185179
11.72	10.35	12.2	10.03	0.124714	0.505474
7.86	10.04	7.3	8.03	0.037655	0.889637
0	0	0	0	NA	NA
0.92	0.96	1.2	1.6	-0.52746	0.081571
0	0	0	0	NA	NA
2.96	3.99	3.58	3.85	0.267546	0.389411
0.22	0.44	0.47	0.17	-0.20004	0.805718
4.66	2.51	3.31	2.6	-0.78503	1.55E-07
2.46	2.61	2.41	2.84	0.209175	0.440475
0.02	0.03	0.04	0.02	-0.15963	0.85662
1.15	0.62	0.56	0.49	-0.52711	0.337108
0.46	0	0	0	-3.18394	1.82E-09
4.78	5.3	3.98	4.89	-0.00234	0.995073
22.68	16.11	19.61	20.04	-0.27262	0.015511
2.44	1.88	2.13	1.54	-0.14031	0.602656
1.94	3.22	3.95	3.11	0.542682	0.163906
8.1	8.31	7.53	9.11	0.141265	0.513317
0	0	0	0	NA	NA
0.02	0.25	0.45	0.19	0.59487	0.399965
18.67	21.27	22.76	20.95	0.177443	0.171407
0	0	0	0	NA	NA
686.07	681.82	764.58	664.16	0.005823	0.973504
0.25	0.88	1.08	0.56	0.49855	0.360225
6.46	7.4	6.25	4.94	0.092381	0.735131
48.99	31.69	42.17	37.79	-0.35077	0.000518
560.94	455.83	469.11	431.92	-0.35559	3.19E-06
0.03	0.02	0	0	NA	NA
10.41	16.67	11.72	14.43	0.378974	0.01938
162.71	180.23	168.08	172.45	0.05752	0.591581
0.02	0.16	0.1	0.05	0.550122	0.449245
0	0.02	0	0.02	NA	NA
7.49	6	7.63	6.62	-0.16861	0.269011

0	0	0	0	NA	NA
6.54	12.7	8.74	10.74	0.609453	0.02034
0	0	0.02	0	NA	NA
4.96	5.33	6.63	6.16	-0.14977	0.286067
0	0	0	0	NA	NA
23.28	45.51	37.97	38.78	0.770942	4.23E-12
0	0.02	0.02	0.15	NA	NA
0	0	0	0	NA	NA
7.41	26.24	18.46	22.81	1.428925	7.99E-36
0	0	0	0	NA	NA
11.52	6.84	11.77	7.66	-0.14443	0.418667
0	0	0	0	NA	NA
4.43	0.97	1.46	1.8	-1.5818	2.28E-13
8.5	10.75	6.73	10.56	-0.16449	0.505148
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.55	11.43	15.22	11.63	-0.25229	0.305915
1.52	0.87	0.87	0.25	-0.50045	0.260327
1.49	1.53	1.58	1	0.045132	0.93333
2.41	2.88	2.06	3.54	0.35404	0.390715
0	0	0	0	NA	NA
17.14	15.42	18.27	16.34	-0.04454	0.716327
0	0	0	0	NA	NA
33.78	34.47	39.38	40.51	0.028649	0.842133
0	0	0	0	NA	NA
0.15	0.06	0.13	0.09	-0.24117	0.734012
0	0	0	0	NA	NA
1.54	1.15	1.29	1.35	-0.23686	0.479777
2.85	2.35	2.49	2.65	-0.30541	0.081187
15.96	18.45	17.47	17.15	0.172812	0.290108
0.34	0.06	0	0	NA	NA
0	0	0	0	NA	NA
2.01	3.52	5.6	4.33	0.696606	0.01357
0	0	0	0	NA	NA
0.09	0.03	0	0.04	NA	NA
269.62	182.01	199.57	219.81	-0.55215	1.53E-12
15.1	23.58	17.76	21.43	0.306654	0.002402
131.31	111.46	108.77	112.04	-0.22358	0.009256
31.81	37.45	30.45	33.15	0.028159	0.871975
0	0	0	0.07	NA	NA
8.02	6.76	6.38	6.79	-0.10642	0.538851
0.94	5.37	3.15	4.59	2.273266	5.01E-30
10.59	14.51	14.73	14.76	0.465079	0.003215
9.15	18.74	15.56	19.97	0.942266	1.50E-14
0	0	0	0	NA	NA

12.65	13.33	11.89	13.09	-0.04586	0.776308
15.65	17.01	15.89	14.66	0.039249	0.84141
12.28	13.63	10.98	12.21	-0.11715	0.590425
16.09	32.24	25.94	26.09	0.731808	1.78E-07
0	0	0	0	NA	NA
6.99	4.65	4.68	5.75	-0.48453	0.007493
9.13	16.71	16.67	17.26	0.893147	4.14E-10
0.05	0.11	0.11	0.08	0.319118	0.69257
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
36.29	3.93	15.78	11.53	-1.47302	0.00234
2.66	5.5	4.69	4.31	0.298212	0.126024
4.19	5.14	4.23	5.38	0.343333	0.049321
0.6	0.54	0.98	0.97	-0.55413	0.186897
5.28	5.27	3.64	3.6	0.015401	0.971274
21.07	16.4	16.76	12.77	-0.4206	0.006769
5.51	4.85	4.92	4.52	-0.13176	0.433366
0	0.04	0	0	NA	NA
2.7	13.71	7.68	10.63	1.679115	2.34E-11
0.14	0.1	0.05	0	NA	NA
0	0	0	0	NA	NA
0.63	0.5	0.53	0.62	-0.08671	0.900044
0	0	0	0	NA	NA
1.87	6	3.42	4.24	1.383001	2.08E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
33.51	50.67	47.7	48.68	0.537245	4.49E-10
0.05	0.02	0.08	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
52.74	60.59	58.79	54.99	0.042507	0.742414
0.02	0	0.02	0.06	NA	NA
1.11	0.62	0.91	1.04	0.175801	0.763311
0.04	0	0.11	0.03	NA	NA
0	0	0	0	NA	NA
3.9	18.53	18.06	18.92	2.152547	1.99E-64
14.96	11.95	12.26	13.01	0.052475	0.80114
0	0	0.14	0.12	NA	NA
14.61	22.58	16.84	20.01	0.224052	0.151576
362.11	406.47	389.92	397.8	0.041925	0.683403
9.83	10.27	11.4	10.42	0.190983	0.293358

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.92	0.63	0.99	0.78	-1.44044	1.80E-14
0	0.01	0	0	NA	NA
4.56	1.95	1.85	2.34	-1.08451	1.96E-09
0	0	0	0	NA	NA
57.74	46.12	49.61	47.85	-0.32666	0.001851
6.81	8.62	6.54	6.98	0.169221	0.360192
0.34	0.19	0.16	0.14	-0.70814	0.140908
0	0	0	0	NA	NA
0	0	0.24	0.11	-0.37017	0.625111
0	0	0	0	NA	NA
11.43	13.51	11.66	12.57	-0.00847	0.974137
9.31	15.35	13.23	13.38	0.286463	0.185685
4.48	2.48	3.47	3.99	0.118972	0.708805
17	12.77	14.31	12.08	-0.16476	0.29192
0	0.01	0	0	NA	NA
26.5	2.2	4.63	2.4	-2.82649	2.99E-16
7.21	4.77	5.54	5.63	-0.43664	0.005829
0.19	0.06	0	0.04	-0.88337	0.180112
1.7	0.49	0.54	0.42	-1.52479	9.35E-09
0.28	0.12	0.26	0.26	-0.77333	0.135826
0	0	0	0	NA	NA
106.64	117.62	121.5	122.01	-0.09189	0.351588
0.39	0.13	0.51	0.58	0.059536	0.945923
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
11.22	10.15	11.57	11.87	0.182428	0.398582
0	0	0	0	NA	NA
4.27	9.44	6.83	6.94	0.951901	6.18E-07
0	0	0	0	NA	NA
8.12	2.07	2.79	2.29	-1.69252	2.31E-49
48.9	46.15	42.73	40.72	-0.11338	0.329012
1.27	1.25	1.27	0.91	0.070307	0.90895
0.37	0.18	0.25	0.21	-0.65511	0.251136
3.18	0.39	0.7	0.87	-1.98783	5.37E-25
0	0	0	0	NA	NA
6.55	7.52	7.33	7.36	0.167452	0.436737
0	0	0	0	NA	NA
0.68	0.38	0.65	0.65	-0.27831	0.688868
0	0	0.23	0.06	NA	NA
0.08	0.05	0.03	0.16	NA	NA
65.97	53.35	61.62	56.63	-0.07978	0.716109
25.98	44.1	37.28	42.57	0.481788	3.32E-07

8.12	4.73	6.3	7.95	-0.32757	0.186522
0	0	0	0	NA	NA
1.49	2.46	1.51	1.93	0.367904	0.328248
0	0	0	0	NA	NA
0.57	0.53	0.46	0.96	0.053823	0.933507
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
11.82	10.74	8.78	9.42	-0.21586	0.333953
7.49	10.49	9.84	8.92	0.370209	0.000832
0	0.02	0	0.02	NA	NA
3.92	6.82	5.29	5.38	0.159068	0.415266
0.3	0.1	0.07	0.14	-0.8933	0.142469
0	0	0	0	NA	NA
0.1	0.04	0.05	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.74	8.04	9.03	9.52	-0.52868	1.58E-09
0	0.19	0	0	NA	NA
38.54	53.94	42.01	45.07	0.217774	0.10348
0.02	0.08	0.08	0.06	0.630327	0.37404
0	0	0	0	NA	NA
5.84	8.55	9.54	10.99	0.431985	0.014341
55.51	68.86	63.23	63.72	0.157929	0.122857
7.91	10.68	9.61	11.1	0.404744	4.33E-05
0	0	0	0	NA	NA
0	0	0.04	0.04	NA	NA
0.19	0	0.06	0.06	NA	NA
0	0.16	0.65	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0.02	NA	NA
1.65	3.19	2.21	2.54	0.9226	1.60E-07
0	0	0.02	0.14	NA	NA
0.14	0.04	0.09	0.25	-0.14703	0.866354
13.48	16.35	16.2	15.93	0.10451	0.657486
51.9	62.23	53.22	55.74	0.269491	0.064666
23.29	10.81	12.7	12.75	-0.92316	9.82E-16
0.32	0.68	0.37	0.46	0.194883	0.787231
8.26	5.95	8.14	7.85	-0.26329	0.212767
224.52	149.76	185.36	182.4	-0.49387	1.42E-08
0	0	0	0	NA	NA
2.52	2.65	2.7	2.85	0.155436	0.608016
26.44	20.43	21.3	19.79	-0.34795	0.000105
35.03	36.59	35.41	32.76	0.057725	0.786725
22.12	12.43	18.14	16.93	-0.59729	5.21E-07
1.81	2.29	2.5	1.86	0.080643	0.859382

0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.14	2.03	2.16	2.21	-0.35185	0.351352
0.06	0.13	0.12	0.23	0.632204	0.372555
17.25	18.05	13.89	14.39	0.063003	0.717422
0.08	0.04	0.03	0.1	NA	NA
0	0.08	0	0	NA	NA
53.51	45.99	49.92	47.97	-0.16438	0.094427
5.23	5.14	3.53	3.88	-0.46273	0.014316
8.08	2.54	4.78	3.53	-1.09552	2.33E-09
13.02	17.04	15.76	16.26	0.075535	0.657413
0.05	0.14	0.08	0.12	NA	NA
4.62	7.95	6.97	6.8	0.266732	0.310262
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.94	3.87	4.23	3.83	-0.26753	0.323195
0	0	0	0	NA	NA
542.89	453.61	462.09	434.25	-0.35267	1.11E-06
9.46	6.24	6.27	7.57	-0.22446	0.11259
4.26	5.43	3.48	4.73	0.466611	0.013056
0	0	0	0	NA	NA
0.19	0.36	0.42	0.32	0.517812	0.352469
0	0	0	0	NA	NA
28.67	34.37	34.8	38.81	0.098759	0.456828
5.41	11.17	6.06	10.56	0.623787	0.257584
0	0	0	0	NA	NA
17.58	24.35	23.6	22.52	0.217723	0.115328
0	0	0	0	NA	NA
0.12	0.2	0.33	0.15	0.628252	0.375473
3.73	5.58	6.03	6.35	0.19809	0.189754
0	0	0	0	NA	NA
1.84	0.71	1.25	0.96	-1.14298	0.000635
626.52	637.89	653.22	631.99	-0.06921	0.521531
0	0.1	0	0	NA	NA
0	0	0.03	0	NA	NA
24.24	25.5	21.96	22.93	-0.16816	0.157196
3.65	2.6	2.21	1.97	-0.44491	0.097617
0.51	0.24	0.31	0.2	-0.33456	0.627366
13.41	10.17	9.61	10.35	-0.68023	5.18E-09
17.31	19.83	19.23	19.2	-0.0153	0.927525
3.9	4.16	4.11	5.38	0.317558	0.031227
29.71	37.78	36.58	35.17	0.266461	0.005474
0	0	0	0	NA	NA
11.53	6.68	6.16	8.98	-0.18936	0.089803
4.01	1.56	1.58	2.51	-0.83802	6.08E-05

8.58	9.22	8.57	9.21	-0.07451	0.616695
36.01	32.64	36.36	34.37	-0.17344	0.199223
46.07	35.39	38.73	36.22	-0.21455	0.033751
33.87	19.16	24.22	20.13	-0.7809	2.70E-15
0.28	0.6	0.44	0.45	0.248441	0.696341
0.13	0.04	0.11	0.04	NA	NA
0	0	0	0	NA	NA
0.47	0.56	0.48	0.6	-0.07173	0.848046
21.43	21.19	25.58	21.64	0.101451	0.510958
0	3.35	2.08	1.97	2.521039	1.73E-06
16.27	20.98	19.29	21.72	0.464054	0.000132
21.75	13.29	12.75	13.39	-0.76371	1.22E-14
15.37	20.44	19.2	20.2	0.378712	0.000181
0	0	0	0	NA	NA
10.38	16.87	12.38	15.98	0.491088	5.71E-05
0	0.09	0.02	0	NA	NA
4.97	4.32	4.54	4.97	0.098565	0.552768
2.97	1.85	2.56	2.28	-0.45188	0.017215
0.24	0	0	0	NA	NA
44.89	14.13	31.35	22.92	-0.9358	0.013298
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
20.79	27.42	23.72	23.63	0.218314	0.088834
0.81	0.55	0.53	0.32	-0.92297	0.001577
26.65	11.23	23.11	17.46	-0.8003	2.47E-08
0	0	0	0	NA	NA
10	8.45	9.48	8.55	-0.29441	0.090468
0.02	0.17	0.31	0.3	0.609186	0.387812
5.38	7.21	6.33	6.71	0.198784	0.196201
1.21	1.15	0.85	1.39	0.064191	0.905457
12.72	17.86	17.22	17.56	0.440257	9.37E-06
33.15	48.03	42.4	50.14	0.574017	7.09E-09
5.56	5.53	5.2	5.75	0.005679	0.981096
1.98	1.45	1.92	0.91	-0.08477	0.846993
6.82	6.2	6.44	7.32	-0.00504	0.97502
6.97	7.13	6.84	6.24	-0.04699	0.811992
23.88	11.97	14.78	14.13	-0.89082	1.50E-19
0.17	0.08	0.15	0.33	0.527508	0.468745
0	0	0	0	NA	NA
4.88	2.93	3.83	2.64	-0.89254	1.15E-07
6.08	6.54	5.92	6.36	0.090442	0.733543
0	0	0	0	NA	NA
0	0.27	0.52	0.42	2.610194	1.99E-06

62.85	83.61	89.33	87.48	0.467017	2.62E-06
1.72	4.29	3.32	3.92	1.2244	1.09E-10
23.84	28.95	29.2	29.97	0.284172	0.0009
0	0	0	0	NA	NA
4.27	4.98	4.29	4.6	0.030533	0.931016
7.59	8.73	7.42	7.39	-0.05691	0.809536
3.85	4.26	4.38	4.68	0.211249	0.2964
15.43	20.55	18.05	21.41	0.414179	0.000602
8.54	2.7	6.2	4.2	-0.99889	0.000157
0	0	0	0	NA	NA
28.8	18.9	22.19	15.57	-0.36667	0.041647
13.71	6.89	7.32	6.67	-0.74967	8.79E-16
16.83	18.29	17.51	17.87	-0.07547	0.699537
0.16	0.03	0.12	0.02	-1.35092	0.01568
8.12	8.32	8.71	10.11	-0.07404	0.657486
1.39	1.51	1.51	1.59	0.134806	0.698064
1.17	1.38	1.29	1.13	0.011363	0.976514
14.27	14.64	14.99	12.81	-0.1261	0.605101
0.01	0	0	0	NA	NA
34.52	24.81	30.09	27.61	-0.36786	0.000523
22.23	17.23	18.84	17.72	-0.40783	2.38E-05
0.24	0.37	0.38	0.39	0.023199	0.974622
0	0	0	0	NA	NA
1.27	0.94	1.11	0.94	-0.08644	0.803033
5.35	5.1	5.49	5.3	0.02413	0.896466
43.13	101.6	80.97	91.45	0.966135	1.25E-16
3.42	5.26	5.23	5.1	0.127629	0.6284
0.5	2.3	2.66	2.32	1.830353	1.02E-15
20.2	23.29	20.48	21.96	0.030904	0.826846
0	0	0	0	NA	NA
0	0.21	0.12	0.23	0.861954	0.158567
4.12	1.47	2.42	2.02	-1.06209	0.0001
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.05	0.16	0.37	-0.32898	0.677932
0	0	0.26	0.1	NA	NA
0.48	0.55	0.95	0.66	0.246997	0.606618
28.57	36.43	30.71	32.64	0.229717	0.105508
1.57	0.57	1.31	0.69	-0.31726	0.654968
1.99	0.71	1.57	1.15	-0.59386	0.225688
54.32	31.15	39.01	40.46	-0.49427	0.000394
8.76	9.42	9.84	9.62	0.068301	0.573806
3.58	2.81	2.73	3.43	-0.38053	0.04284
1.06	4.93	2.62	4.59	1.594725	1.21E-14
8.12	4.83	7.44	7.07	-0.31383	0.035551

0	0	0	0	NA	NA
5.21	3.38	3.3	3.5	0.165047	0.646408
0	0	0	0	NA	NA
0.14	0.1	0.14	0.05	-0.7181	0.255372
13.8	16.01	17.76	17.52	0.132065	0.264329
2.45	9.74	6.01	5.94	1.259528	3.70E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.24	2.36	2.52	2.11	-0.29583	0.183659
0	0	0	0	NA	NA
0.08	0.13	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0.13	0.11	0.1	0.583312	0.414522
0	0	0	0	NA	NA
0	0.43	0.13	0.36	1.123569	0.0518
0	0	0	0	NA	NA
55.17	92.32	104.19	93.91	0.820972	2.06E-29
0	0	0	0	NA	NA
0.28	0.03	0.02	0	-1.49514	0.012123
8.09	9.49	8.62	9.21	-0.11039	0.662598
23.92	25.63	25.23	25.01	0.102759	0.518733
0.25	0.22	0.09	0.36	-0.24029	0.768341
0	0	0	0	NA	NA
5.18	0.77	0.57	0.5	-2.47879	6.16E-09
55.61	63.66	58.52	54.62	0.178618	0.212835
21.01	24.66	25.36	28.42	0.277318	0.002017
1.77	4.88	2.98	2.53	1.076942	1.32E-06
0	0	0	0	NA	NA
13.43	14.83	14.67	14.51	0.004053	0.983057
92.09	131.43	136.21	126.89	0.463198	4.68E-08
0	0	0	0	NA	NA
27.22	31.09	26.99	33.26	0.290755	0.097314
0	0	0	0	NA	NA
15.01	14.93	16.93	15.04	-0.00483	0.975381
4.3	3.63	3.77	4	0.104945	0.689697
17.25	24.65	19.62	27.5	0.49728	3.97E-08
58.45	126.51	104.23	105.78	0.828802	8.35E-15
93.86	110.91	105.58	101.36	0.050355	0.669911
27.68	23.37	24.03	26.32	-0.06926	0.502882
22.13	33.43	30.85	28.54	0.46588	1.16E-06
8.58	10.87	7.97	9.89	0.066509	0.778327
7.35	3.34	6.35	4.39	-0.29734	0.337024
8.85	19.16	13.48	16.14	0.750322	2.58E-07
5.83	6.59	6.44	7.04	0.501048	0.000333

17.14	19.31	19.11	18.87	0.021401	0.912249
1.71	0.8	0.76	0.66	-1.21824	1.14E-12
25.51	28.31	27.2	29.46	0.058597	0.596441
0	0	0	0	NA	NA
44.75	17.2	25.66	20.87	-0.88814	2.88E-09
0.02	0.04	0	0.05	NA	NA
0	0	0	0	NA	NA
29.8	21.92	24.32	26.49	-0.02804	0.812855
0	0	0	0	NA	NA
11.45	12.59	11.74	11.36	0.187423	0.318243
0	0	0	0	NA	NA
3.5	1.5	1.6	2.34	-0.6845	0.009346
3.13	2.11	2.28	2.22	-0.44739	0.002157
46.86	23	26.48	23.44	-0.9959	4.52E-32
13.32	15.87	18.75	18.52	0.347819	0.000549
0	0	0	0	NA	NA
2.41	1.56	1.37	1.22	-0.11797	0.657067
0	0	0	0	NA	NA
5.35	4.16	4.54	4.06	-0.17901	0.367443
17.15	19.26	23.38	23.89	0.532502	2.55E-06
0	0.26	0.13	0.12	0.387368	0.617944
0	0	0	0	NA	NA
2.9	2.26	2.9	2.12	-0.17835	0.580397
10.31	3.24	3.52	2.48	-1.61142	2.03E-19
7.14	9.55	9.63	10.34	0.312898	0.107244
146.15	147.18	158.96	132.48	-0.02345	0.887702
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
14.99	15.85	14.51	14.71	0.335543	0.004742
0.06	0	0.05	0	NA	NA
0	0	0	0	NA	NA
2.76	2.31	2.78	1.89	-0.25036	0.247703
28.21	36.52	30.58	31.11	0.243695	0.01681
0.02	0.17	0.08	0.07	0.795757	0.222187
0	0	0	0	NA	NA
0.02	0.33	0.14	1.05	2.042685	0.000247
2.15	2.05	2.16	2.28	0.006016	0.984202
262.24	130.03	184.99	163.69	-0.70719	1.99E-10
0.03	0	0.02	0	NA	NA
3.08	3.19	3.66	2.86	-0.29202	0.320862
44.52	64.21	67.11	62.49	0.219318	0.009045
14.82	24.88	25.89	22.41	0.628793	0.003133
0	0	0	0	NA	NA
60.92	68.25	66.01	64.22	0.146654	0.201675
16.47	11.66	11.84	14.43	-0.28875	0.003519

2.85	2.51	2.1	1.87	-0.57021	0.098591
0	0	0	0	NA	NA
36.29	32.86	35.02	35.68	-0.20776	0.038587
18.65	36.58	31.75	37.39	0.710154	4.58E-12
0.11	0.11	0.13	0.25	0.42159	0.50214
0.17	0.22	0.19	0.18	0.168614	0.847283
0	0	0	0	NA	NA
0	0	0	0	NA	NA
634.09	638.34	645.15	659.65	0.020988	0.844671
15.39	12.49	12.94	13.28	-0.42825	0.004673
24.74	21.85	23.88	26.16	-0.02484	0.847229
0.1	0.59	0.22	0.38	0.972051	0.102873
0	0	0	0	NA	NA
0.02	0.08	0	0.08	NA	NA
11.5	28.63	23.43	25.67	1.091519	5.82E-17
5.49	25.11	15.98	20.87	1.438856	2.36E-23
11.93	19.22	20.41	18.1	0.539323	9.91E-08
0.13	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0.11	0.03	0.17	0.11	NA	NA
4.1	6.58	6.31	5.43	0.188131	0.216483
9.46	8.98	9.68	12.74	0.035925	0.826577
0.13	0.09	0.28	0.1	NA	NA
0.65	0.19	0.43	0.36	-1.09712	0.003209
0.94	0.33	0.46	1.22	-0.58248	0.08817
20.11	40.37	32.2	36.74	0.77412	1.02E-14
0	0	0	0	NA	NA
12.1	14.58	12.62	12.92	0.120392	0.504574
112	118.63	107.69	95.86	0.068612	0.717625
4.64	8.65	6.45	7.58	0.629517	0.012218
116.08	200.99	186.47	196.74	0.70062	4.73E-17
48.9	48.49	60.51	60.94	0.405767	0.000212
0.83	0.98	1.15	0.73	0.151586	0.794367
0	0	0	0	NA	NA
51.22	46.4	50.41	46.6	-0.02097	0.890238
1.13	0.07	0.88	0.27	-1.77122	0.000104
11.4	11.48	12.44	13.17	0.072772	0.657413
0	0	0	0	NA	NA
6.44	6.21	5.84	5.46	-0.08919	0.626917
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.45	0.22	0.04	0.23	0.213616	0.80335
29.02	22.33	21.85	25.53	-0.36884	0.003139
0.87	4.24	2.33	2.85	1.894735	8.52E-12

1.84	1.79	2.75	1.88	0.032215	0.94312
1.08	2.28	1.69	1.96	0.702748	0.000222
2.38	2.46	2.43	2.71	0.049741	0.848411
0	0	0	0	NA	NA
0	0	0	0	NA	NA
80.64	88.31	82.14	81.4	-0.00679	0.968491
44.43	47.01	39.92	46.82	-0.15538	0.356692
6.31	5.42	6.42	6.39	-0.06958	0.737986
0.79	0	0	0	NA	NA
2.03	1.75	1.81	2.04	0.038071	0.922411
108.63	121.98	129.3	128.63	0.159783	0.074264
14.36	7.6	7.89	8.27	-0.7998	3.50E-14
6.44	9.84	7.2	8.24	0.549972	5.92E-06
4.72	6.41	6.03	5.51	0.432735	0.119923
0.09	0.01	0.09	0.08	-0.10089	0.913537
1.91	0.36	0.81	0.46	-1.61551	2.65E-05
1.74	1.96	1.4	1.16	0.004612	0.990895
11.84	21.34	14.33	15.56	0.797929	4.90E-06
14.1	13.64	10.57	13.28	-0.19656	0.232398
0.74	1.17	0.9	1.4	-0.32392	0.474635
0	0	0	0	NA	NA
6.26	5.68	5.82	5.82	-0.04037	0.824188
0	0	0	0	NA	NA
10	9.37	9.54	9.62	-0.05333	0.741849
0	0	0	0	NA	NA
6.29	7.5	7.06	5.6	0.093873	0.714005
0.06	0.28	0.39	0.25	1.070865	0.075627
5.34	7.33	6.26	6.15	0.002293	0.995073
4.32	5.01	4.96	4.18	-0.02506	0.875348
1.1	2.15	2	2.71	0.789598	0.001618
0	0.08	0.09	0	NA	NA
0	0	0	0	NA	NA
26.21	24.39	25.36	27	0.203421	0.050425
38.24	44.25	41.46	46.55	0.173894	0.042476
16.81	16.46	16.96	18.02	-0.13762	0.210875
0.59	1.19	0.89	1.51	0.564722	0.319006
32.05	48.02	46.54	49.1	0.60855	1.71E-11
25.67	23.73	24.14	24.87	0.038106	0.776743
0	0.04	0	0	NA	NA
4.53	6.15	5.07	6.18	0.24118	0.411156
0	0	0	0	NA	NA
28.1	28.53	30.23	30.88	0.007992	0.952797
1.13	0.83	0.39	0.41	-1.46933	2.54E-05
13.39	10.48	7.79	10.22	-0.52417	6.29E-09
115.39	77.99	110.73	97.61	-0.26427	0.00774

1.45	0.35	0.37	0.42	-1.45656	0.002325
1.4	0.16	1.44	1.24	-0.72596	0.16179
1.96	1.4	1.63	1.92	-0.20147	0.627366
0.02	0.08	0.05	0.05	-0.12309	0.891001
0	0	0	0	NA	NA
0	0.31	0.04	0.11	0.818926	0.199228
114.44	8.51	16.17	12.61	-3.02622	2.53E-34
9.29	6.73	8.16	7.63	-0.25574	0.172395
0	0	0	0	NA	NA
10.09	8.94	8.31	8.19	0.129532	0.602449
1.75	0.11	0.81	0.76	-1.48856	8.51E-05
0.09	0.29	0.06	0.03	-0.40206	0.603418
5.55	8.79	6.19	7.88	0.153334	0.251288
4.14	2.14	3.98	4.67	0.013917	0.98325
0	0	0	0	NA	NA
3.45	4.21	4.29	4.23	0.293076	0.065997
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.31	12.12	12.08	11.45	0.004222	0.984596
0	0	0	0	NA	NA
45.01	73.74	54.34	61.31	0.437931	8.82E-05
4.34	6.89	3.51	3.27	0.285483	0.183826
1516.35	1445.55	1387.22	1277.28	-0.19165	0.01993
14.21	12.37	11.5	10.65	-0.24626	0.247948
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.55	8.41	8	7.41	-0.16214	0.48467
0	0	0	0	NA	NA
0.01	0	0.02	0.02	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
15.13	10.4	13.39	12.77	-0.38169	0.00397
6.72	4.06	4.88	4.64	-0.43896	0.000115
0	0	0.24	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.97	4.78	4.55	6.83	-0.37694	0.04384
0	0	0.02	0.01	NA	NA
0.66	0.04	0.35	0.53	-0.28516	0.710759
6.45	7.87	7.11	7.74	0.147427	0.388802
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.51	1.04	1.15	1.07	0.665861	0.177766
21.89	16.07	16.81	17.01	-0.31018	0.045043
0	0	0	0	NA	NA
5.17	0.99	1.94	1.78	-1.74697	6.99E-15
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
12.92	20.15	22.12	19.34	0.467478	0.000118
0	0.01	0	0	NA	NA
4.49	5.75	4.19	5.42	-0.00646	0.979263
0.09	0.3	0.2	0.25	0.660072	0.314039
0.29	0.07	0.2	0.05	-1.19492	0.039954
0	0	0	0	NA	NA
11.66	12.91	9.16	10.63	0.041657	0.851819
0.38	0.33	0.16	0.31	0.05699	0.945788
0.24	1.18	0.73	0.78	1.402495	0.000405
13.62	8.88	12.09	11.66	-0.04395	0.871033
0.01	0.03	0	0	NA	NA
6.68	6.09	5.78	5.97	-0.1686	0.383157
0	0	0	0	NA	NA
0.03	0.02	0.02	0	NA	NA
0	0.17	0.45	0.1	0.739705	0.282385
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.21	0.24	0.08	NA	NA
18.5	23.77	24.61	23.66	0.198286	0.106062
21.14	36.96	31.45	27.46	0.870309	1.09E-15
0	0	0	0	NA	NA
24.55	56.1	43.12	50.95	0.944719	4.33E-22
0	0.26	0	0	NA	NA
18.6	13.51	14.94	16.66	-0.38913	1.62E-05
21.46	17.55	23.75	21.85	-0.07432	0.640034
0.15	0.44	0.22	0.51	0.929586	0.094381
20.59	32.11	28.2	30.15	0.579027	2.66E-09
1.54	0.44	0.5	0.79	-0.67917	0.072859
19.18	26.93	22.53	24.08	0.300884	0.02256
1014.45	882.54	887.16	833.08	-0.21595	0.004136
2.51	2.52	2.57	2.6	0.030292	0.87997
26.26	28.9	34.6	34.47	0.176014	0.25759
0	0	0.1	0	NA	NA
38.44	46.14	40.99	39.38	0.139222	0.212704
0	0	0.07	0	NA	NA
9.43	16.48	13.89	14.32	0.720335	3.27E-09
0.13	0.22	0.09	0.2	NA	NA
5.39	4.84	4.98	4.95	-0.12988	0.598721
1.65	2.03	1.52	1.83	0.092173	0.757974

10.44	7.77	7.86	8.18	-0.45095	0.000162
192.23	51.18	92.16	67.99	-1.4698	4.87E-09
0	0.09	0	0.09	NA	NA
0.1	0.16	0.19	0.1	NA	NA
0.02	0.04	0.07	0	NA	NA
3.56	3.53	4.08	4.82	0.218681	0.207379
4.64	6.26	6.19	5.83	0.42043	0.001684
2.6	2.71	2.3	2.21	-0.18232	0.573033
0.03	0.04	0.04	0.02	-0.39047	0.608796
40.68	64.28	53.45	55.35	0.339967	0.004911
0.34	0.47	0.25	0.39	0.017452	0.986207
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
135.7	123.29	128.31	116.19	-0.1973	0.071024
11.96	12.96	13.29	12.23	0.04023	0.861405
0	0	0	0	NA	NA
6.22	2.4	3.47	2.56	-1.10465	4.51E-05
75.37	102.74	95.56	100.5	0.32202	0.000126
0.52	0.38	0.2	0.23	-0.50171	0.487872
0	0	0	0	NA	NA
21.14	21.69	20.27	22.83	0.028947	0.862624
26.16	31.65	30.41	27.87	0.004326	0.986207
1.06	1.98	1.11	1.04	0.361305	0.434826
0	0	0	0	NA	NA
0	0	0	0	NA	NA
27.46	46.6	37.56	42.81	0.486777	2.02E-06
5.97	15.69	11.34	11.85	1.015497	1.07E-08
5.65	8.92	6.3	10.35	0.436401	0.033239
0	0	0	0	NA	NA
0.08	0.37	0.22	0.16	1.76375	0.001892
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.13	0.1	0.15	-0.00275	0.997502
20.04	18.67	19.01	19.32	0.221243	0.051634
0	0	0	0	NA	NA
0	0.08	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
6.99	6.57	6.76	6.58	-0.13168	0.368727
0.17	0.01	0.22	0.08	-0.06194	0.947943
0	0.01	0	0	NA	NA
10.4	19.1	11.94	14.7	0.61205	3.56E-05
0.99	0.29	0.16	0.1	-0.21858	0.799264

0	0	0	0	NA	NA
20.66	22.25	20.25	20.13	0.096978	0.46861
2.09	8.82	4.81	7.24	1.510416	1.63E-14
2.35	3	2.16	2.57	-0.06683	0.856269
3.5	3.68	3.1	3.22	0.221702	0.141323
483.53	315.48	339.79	303.63	-0.6212	5.23E-15
0.51	0.25	0.71	0.33	-0.17126	0.841691
0	0	0	0	NA	NA
6.84	8.49	6.4	6.54	0.48561	0.000794
2.41	2.74	2.49	2.71	0.096045	0.555761
0	0	0	0	NA	NA
0.48	0	0.04	0.08	NA	NA
0.91	1.57	1.16	1.23	0.525316	0.061148
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.12	3.69	4.07	4.34	0.177887	0.362279
3.45	4.53	4.21	3.83	0.274342	0.052069
4.53	6.16	5.31	6.31	-0.07831	0.841253
15.63	16.4	16.86	18.63	0.165864	0.3759
28.84	23.12	26.05	25.36	-0.30768	0.000403
0	0	0	0	NA	NA
55.52	73.13	67.82	67.94	0.317397	0.000323
12.26	18.22	18.15	20.62	0.567467	3.68E-09
0	0	0	0	NA	NA
0.03	0.1	0.09	0.07	0.772647	0.230129
6.7	9.31	8.23	9.48	0.357142	0.006632
0	0	0	0	NA	NA
0.01	0.02	0	0	NA	NA
98.51	146.99	130.8	132.78	0.405427	7.51E-06
0.83	0.03	0.13	0.07	-1.55634	0.00858
0.06	0.07	0.09	0.04	-0.0577	0.948254
6.66	8	6.51	7.28	0.207212	0.319961
30.67	13.13	22.1	18.57	-0.89153	7.84E-07
0.03	0.07	0.04	0	NA	NA
16.8	18.08	18.72	18.12	-0.06152	0.740757
116.5	71	82.37	93.41	-0.56062	3.67E-07
8.72	6.61	6.55	8.42	-0.31862	0.060009
0	0	0	0.05	NA	NA
96.46	84.97	88.74	92.6	-0.19413	0.028377
0	0	0	0	NA	NA
4.82	5.66	5.06	5.8	0.048021	0.852277
116.24	82.06	91.6	92.03	-0.43833	8.45E-10
30.33	25.26	31.49	25.83	-0.10664	0.345805
44.62	34.73	35.99	34.94	-0.30161	0.000199
15.11	14.97	12.94	13.4	-0.26082	0.036886

38.07	54.62	39.84	52.97	0.134735	0.221422
0	0.06	0	0.03	NA	NA
0	0	0	0	NA	NA
0.14	1.32	0.67	1.01	1.713315	4.60E-05
36.52	36.38	40.47	42.53	-0.00726	0.964931
0	0	0	0	NA	NA
43.34	17.84	20.22	20.6	-1.20177	1.42E-37
8.11	8.95	8.4	8.32	0.153098	0.610533
10.44	13.76	11.75	12.85	0.147555	0.365866
9.77	1.83	3.39	2.77	-1.83533	3.61E-14
0	0.39	0.07	0.2	NA	NA
0	0	0	0	NA	NA
0.14	0.29	0.26	0.12	0.079933	0.93279
22.91	13.01	13.58	14.83	-0.56684	2.69E-05
0	0.07	0.04	0.06	-0.09061	0.923907
0	0	0	0	NA	NA
0.18	0	0	0	NA	NA
0	0	0	0	NA	NA
1.44	0.38	1.25	1.02	-0.82204	0.024618
20.92	22.56	20.57	19.84	0.092883	0.618289
0	0	0	0	NA	NA
0	0	0	0	NA	NA
54.74	64.63	65.44	62.02	0.120141	0.36358
0	0	0	0	NA	NA
0.19	0.08	0.03	0.21	-0.96761	0.134867
21.05	20.57	20.49	18.79	-0.10527	0.488143
2.88	3	2.61	2.62	-0.0537	0.850226
14.22	13.83	17.6	13.4	0.152858	0.406611
1.81	1.59	1.42	1.66	-0.26902	0.42351
8.93	11.76	10.37	12.35	0.136751	0.470351
43.9	44.09	45.26	46.32	0.080665	0.486604
192.72	132.95	141.09	123.62	-0.43102	2.71E-07
4.34	5.08	5.22	4.7	0.182618	0.289495
0	0	0	0	NA	NA
5.78	7.7	8.87	8.91	0.529302	1.52E-06
49.35	36.68	36.61	37.27	-0.39229	0.000188
0.42	3.93	2.02	2.84	1.681418	0.000246
0	0.11	0.13	0.1	NA	NA
2.51	1.65	1.38	1.17	-0.27176	0.658595
15.7	11.13	10.63	10.06	-0.79343	8.05E-12
0	0	0	0.04	NA	NA
20.46	18.61	16.25	18.85	0.130877	0.319315
10.84	11.92	11.7	11.08	0.147308	0.382448
0.72	0.84	0.67	0.78	0.056799	0.931439
73.39	110.78	95.55	96.1	0.498672	1.20E-06

0	0	0	0 NA	NA
0	0	0.02	0.02 NA	NA
0	0	0	0.02 NA	NA
7.65	33.67	18.23	24.29 1.550288	5.94E-19
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.1	0.19	0.15 -0.58512	0.386244
0	0	0	0 NA	NA
0.5	0.68	0.46	0.95 0.419127	0.50547
1.15	2.43	1.92	2.39 0.569667	0.2488
7.73	0.64	2.2	1.08 -2.53112	8.12E-28
0	0	0	0.02 NA	NA
3.32	1.42	1.92	1.77 -0.02738	0.938996
89.71	128.74	111.05	128.31 0.448722	6.79E-06
0.22	0.33	0.12	0.16 0.510567	0.472312
0.61	0.34	0.28	0.14 -0.02659	0.975981
0.3	0.43	0.21	0.05 -0.36852	0.638027
28.29	38.23	30.29	33.82 0.130488	0.381081
12.83	11.3	10.32	10.56 -0.11794	0.539651
14.39	13.59	11.59	12.49 -0.11775	0.633008
50.23	67.05	70.7	70.28 0.442284	1.21E-07
0.03	0.29	0.15	0.11 0.976334	0.13073
6.21	40.22	26.59	36.28 2.186962	9.30E-42
2.98	3.2	5.07	4.36 0.261569	0.115445
10.88	1.85	4.24	2.65 -1.33893	8.98E-08
37.86	39.13	45.31	44.07 0.17778	0.132667
0	0	0	0 NA	NA
13.11	15.04	12.64	10.33 -0.07808	0.747622
3.58	3.29	3.89	3.35 -0.14544	0.698875
0	0	0	0 NA	NA
17.7	14.23	14.56	16.85 -0.1019	0.546747
1.19	0.5	0.63	0.54 -0.67929	0.165128
0	0	0	0 NA	NA
0	0	0	0 NA	NA
15.3	15.04	13.08	15.74 -0.28604	0.010785
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.39	0.9	0.89	1.13 -0.07853	0.88556
0.25	0.04	0.05	0.04 -0.91501	0.148389
0	0	0	0 NA	NA
22.13	19.31	19.43	18.14 -0.11675	0.705156
0	0	0	0 NA	NA
1.08	0.98	1.72	2.16 -0.35708	0.386815
0	0	0	0 NA	NA

21.14	14.75	16.6	17.77	-0.43285	2.81E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.49	3.6	4.47	3.14	-1.66648	2.76E-25
0	0	0.05	0.06	NA	NA
0	0	0	0.19	NA	NA
46.37	55.62	50.71	51.03	0.200989	0.098916
2.15	2.2	2.3	2.1	-0.15176	0.667678
0	0	0	0	NA	NA
35.73	42.04	43.94	43.85	0.273385	0.038274
1.36	1.22	1.96	1.9	0.106368	0.798939
0.23	0	0	0.03	NA	NA
0	0	0	0	NA	NA
5.82	9.85	11.21	11.12	0.420744	0.0009
0	0	0	0	NA	NA
1.77	1.62	1.39	1.09	-0.30055	0.468238
12.8	12.68	13.69	13.1	0.041201	0.843467
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
5.57	7.11	6.68	7.36	0.228737	0.310838
0	0	0	0	NA	NA
0.01	0.03	0.02	0.02	0.589924	0.389529
60.46	80.37	74.66	76.78	0.195997	0.044524
0.96	24.85	9.32	19.16	3.069563	5.41E-12
0	0	0	0	NA	NA
23.5	32.24	32.04	28.19	0.30481	0.057465
0	0	0	0	NA	NA
15	13.42	12.62	11.77	0.062054	0.763862
0	0	0	0	NA	NA
0.49	1.87	1.94	1.46	1.532311	5.74E-06
0	0	0	0.06	NA	NA
0.07	0.24	0.11	0.13	NA	NA
0.2	0	0.07	0.23	NA	NA
1.4	1.79	2.09	2.62	0.505466	0.001661
0	0	0	0	NA	NA
2.38	2.82	2.15	2.25	-0.03318	0.933073
6.96	0.68	1.06	1.07	-3.14147	4.06E-80
23.06	5.75	8.47	6.64	-1.80329	2.52E-33
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.66	9.95	8.74	10.38	0.552259	9.96E-07
30.35	36.22	37.31	39.83	0.282205	0.00407
0.07	0.05	0.07	0.08	NA	NA
0	0.06	0	0.04	NA	NA

15.39	14.26	14.31	13.67	-0.17465	0.103489
0.89	0.75	0.54	0.67	-0.38578	0.194214
0.11	0.19	0.1	0.19	-0.02409	0.976803
0	0	0	0	NA	NA
0	0	0	0	NA	NA
129.46	106.55	107.91	109.89	-0.32463	1.91E-05
5.8	8.66	7.39	7.11	0.46655	0.001753
0	0	0	0	NA	NA
7.6	10.21	9.91	9.41	0.250313	0.069327
1.49	2	3.94	2.1	0.021325	0.960112
0	0	0	0	NA	NA
0.06	0	0.02	0	NA	NA
0	0	0	0	NA	NA
291.2	119.47	169.54	146.11	-1.04586	7.02E-27
0	0	0.01	0	NA	NA
1.89	0.68	0.15	1.23	-0.3133	0.699246
1.47	1.94	1.95	1.99	0.090427	0.760637
3.73	4.1	4.07	4.15	0.133153	0.555333
0	0	0	0	NA	NA
0	0.63	0.44	0.56	1.278985	0.028637
0	0	0	0	NA	NA
22.13	26.89	25.94	26.89	0.141463	0.209819
0	0	0	0.02	NA	NA
17.16	18.85	17.89	17.41	0.019041	0.901741
29.48	36.1	30.22	30.2	0.057886	0.771771
6.4	9.12	7.98	7.01	0.256731	0.147997
24.58	31.17	24.83	25.9	0.244812	0.060975
14.35	12.35	14	13.43	-0.1715	0.296596
0	0	0	0	NA	NA
4.24	2.26	4.25	2.49	-0.50499	0.134438
0.87	1.88	1.81	1.94	0.535827	0.25497
0	0	0	0	NA	NA
0	0	0	0	NA	NA
16.91	27.18	22.25	23.6	0.442231	0.001095
8.83	6.99	7.38	7.43	-0.29049	0.042767
0	0	0	0	NA	NA
18.16	24.74	21.88	29.1	0.375394	0.000842
0	0	0.01	0	NA	NA
0.01	0.02	0.06	0.04	0.061344	0.948254
17.53	69.33	47.49	56.06	1.566851	1.85E-32
82.25	89.28	111.94	108.87	0.277669	0.032456
0	0	0.02	0	NA	NA
3.72	7.71	6.03	6.4	0.579674	0.002745
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0	0.37	0.42 NA	NA
0.21	0.05	0.2	0.17 -0.18969	0.788202
13.98	15.42	17.59	14.91 0.06343	0.794617
0	0	0	0 NA	NA
2.38	2.63	2.56	1.53 -0.22141	0.564237
1.83	2.35	2.15	2.47 0.364251	0.054139
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.11	0.16	0.14 -0.10904	0.905189
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.16	0.07	0.34 -0.21515	0.801901
0	0	0	0 NA	NA
17.25	17.4	19.37	16.29 0.014634	0.940418
0	0	0	0 NA	NA
0	0	0	0 NA	NA
17.52	20.65	20.43	21.92 0.147325	0.491481
0	0	0	0.31 NA	NA
0	0	0	0 NA	NA
1.26	1.22	0.91	1.07 -0.38802	0.239085
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.12	0.27	0.24 -0.19012	0.796717
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.09	0.07	0.1 NA	NA
178.7	190.7	186.33	184.66 -0.03359	0.815873
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.82	4.91	5.21	6.64 0.211475	0.339271
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.65	0.03	0.22	0.09 -0.95586	0.120961
17.94	21	18.66	18.21 0.020807	0.935958
0.19	0.05	0.02	0.03 NA	NA
3.42	2.66	2.63	2.64 -0.25821	0.317109
41.14	34.76	37.39	34.95 -0.18084	0.062063

6.76	7.57	7.9	7.95	0.248943	0.206326
0.04	0.02	0	0.03	NA	NA
2.5	1.25	1.16	0.84	-0.54419	0.136583
0	0	0	0	NA	NA
1.17	0.26	0.4	0.03	-0.70931	0.303848
27.68	42.84	31.31	37.64	0.488079	1.22E-05
6.09	6.21	6.91	6.73	0.009484	0.969488
0.84	0.84	0.89	1.08	0.082427	0.756231
2.72	2.88	3.05	2.63	-0.28197	0.351115
0.51	2.45	1.48	1.28	1.54322	1.02E-05
1.33	2.11	1.5	1.79	0.115226	0.556593
14.23	16.85	17.77	17.61	-0.00729	0.972611
20.97	17.66	18.54	19.21	-0.17876	0.192705
13.93	15.41	12.4	14.91	0.192113	0.141625
1.35	1.04	1.43	1.2	-0.37846	0.378021
4.72	7.17	5.47	6.61	0.105601	0.713701
7.73	8.34	8.98	9	0.146443	0.576547
25.76	5.52	6.14	5.79	-2.11859	2.06E-45
0.35	0.21	0.21	0.24	-0.94768	0.072419
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
10.04	6.71	8.46	6.99	-0.28324	0.162608
3.43	0.63	1.97	1.26	-1.38247	1.66E-05
0.12	0.01	0.01	0.06	-1.21599	0.048562
0	0	0	0	NA	NA
1.47	1.68	1.86	2.01	0.256943	0.079259
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.02	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.01	0.01	0.01	NA	NA
2.17	1.47	1.19	1.21	-0.79891	0.001629
0.08	0.04	0.06	0.04	-0.48848	0.480886
3.35	11.02	7.27	9.46	1.645701	4.18E-27
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.76	6.72	7.09	7.93	0.060839	0.724081
30.92	18.89	21.42	20.82	-0.27186	0.020582
13.28	22.36	19	22.55	0.478807	6.17E-05
0	0	0	0.09	NA	NA
1.19	0.56	0.29	0.53	-1.05617	2.65E-05
0	0	0	0	NA	NA

2.63	4.31	3.78	3.24	0.26098	0.156826
0	0	0	0	NA	NA
0.34	0.47	0.49	0.53	-0.10941	0.85721
0	0	0	0	NA	NA
0.36	0.17	0.21	0.25	-1.24033	0.001561
1.89	9.96	7.18	8.16	1.989974	1.47E-28
0	0	0	0	NA	NA
3.06	8	8.17	7.37	1.217119	5.60E-21
3.31	2.3	4.39	2.68	-0.01649	0.957354
1.88	0.63	0.47	0.91	-0.5038	0.269703
6.79	6.56	6.58	6.99	-0.13331	0.463668
0.08	0	0	0	NA	NA
25.2	17.91	25.39	22.39	-0.24884	0.079439
0.59	0.38	0.38	0.4	-0.27862	0.617258
2.36	4.23	4.04	4.87	0.042387	0.946869
36.98	36.94	35.09	34.74	-0.0666	0.734646
0.22	0.26	0.31	0.09	-0.69443	0.319006
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0.51	0.57	0.51	0.312157	0.537416
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0.61	0.72	0.39	1.09	-0.33867	0.321091
0	0	0	0	NA	NA
0	0	0	0	NA	NA
22.33	20.1	23.84	20.61	-0.18301	0.109509
0	0	0	0	NA	NA
85.3	113.53	109.29	112.36	0.362331	6.58E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.75	1.53	2.68	1.47	-0.30827	0.242865
0	0	0	0	NA	NA
4.75	4.43	3.81	4.19	-0.32885	0.097523
5.11	5.67	7.63	6.67	0.271286	0.081394
0	0	0	0	NA	NA
0.5	0.3	0.25	0.21	0.205337	0.800884
96.08	125.41	133.2	136.15	0.39343	3.74E-06
21.08	26.84	19.86	24.78	0.363013	0.001769
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0.05	0	0.07	0.04	NA	NA

38.1	49.71	47.56	51	0.35114	3.09E-05
0	0	0	0	NA	NA
0	0	0.05	0.01	NA	NA
0.01	0	0	0.01	NA	NA
10.74	4.14	9.35	7.46	-0.70753	0.001747
0	0	0	0	NA	NA
8.04	6.4	6.03	5.62	-0.28574	0.322715
0	0	0	0	NA	NA
0.94	0.86	0.87	1.05	0.282602	0.55316
0	0	0	0	NA	NA
19.86	28.97	27.88	26.9	0.444385	2.64E-06
0	0	0	0	NA	NA
9.77	75.03	50.27	63.24	2.244946	6.55E-52
4.69	1.39	1.52	1.31	-1.50942	5.96E-11
1.51	0.7	1.49	0.68	-1.0641	0.022897
31.82	33.8	38.78	39.87	0.315292	0.00077
0.15	1.03	0.12	0.44	NA	NA
0	0.05	0.15	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.43	0.38	0.59	0.043575	0.96253
0.12	0.28	0.22	0.21	0.692936	0.161397
0.65	0.94	0.69	1.17	0.247308	0.719609
0.83	0.44	0.49	0.68	-0.54893	0.301734
16.72	20.84	19.6	17.72	0.006715	0.972939
0	0	0	0	NA	NA
14.6	17.79	16.51	18.82	0.308458	0.010647
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.01	10.18	12.21	13.45	-0.27558	0.071289
24.82	41.06	37.66	32.45	0.495665	0.000102
6.26	2.06	2.76	2.74	-1.22352	6.10E-09
133.96	140.03	138.9	148.56	-0.01398	0.912249
0	0	0	0	NA	NA
0	0	0	0	NA	NA
23.57	32.16	26.44	28.81	0.217206	0.027927
0	0	0	0	NA	NA
8.71	8.41	7.8	8.43	-0.08656	0.476585
0.36	0.36	0.58	0.66	0.201199	0.802725
12.58	9.5	10.41	10.3	-0.44646	8.21E-06
0	0	0	0	NA	NA
0	0.06	0.22	0.06	NA	NA
20.81	16.43	18.85	17.51	-0.10265	0.501026
4.83	5.15	5.12	5.84	0.151036	0.341727

8.85	10.26	9.57	8.85	0.100017	0.681472
12.46	14.1	15.01	14.81	0.101485	0.475711
0	0	0	0	NA	NA
7.01	5.33	4.64	5.65	-0.16174	0.435791
8.64	8.75	9.74	12.04	-0.08799	0.658623
13.2	9.04	10.47	11.46	-0.48187	0.000725
1.77	1.29	2.23	2.14	-0.03139	0.94667
11.45	10.59	10.87	9.33	-0.01772	0.937483
2.79	2	2.26	2.07	-0.32272	0.052219
10.03	9.88	8.71	10.06	-0.04856	0.816626
0.17	0	0.02	0.04	-1.74039	0.002369
0	0	0.02	0	NA	NA
31.84	40.68	37	41.7	0.334006	0.003123
27.61	22.59	26.34	24.33	-0.28093	0.031396
0	0	0	0	NA	NA
0.58	0	0.07	0	NA	NA
20.95	20.95	23.95	22.7	0.036717	0.784567
1.94	2.07	1.81	1.92	-0.10062	0.642532
0	0	0	0	NA	NA
0	0.02	0.04	0	NA	NA
0	0	0	0	NA	NA
1.78	1.86	1.74	0.6	0.408842	0.511724
7.56	6.95	9.16	8.5	0.308405	0.110254
0	0	0	0	NA	NA
49.38	50.3	47.67	47.64	-0.16423	0.132862
16.2	23.33	20.21	25.16	0.410593	4.95E-05
0.12	0.26	0.08	0.09	-0.1045	0.90897
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0.03	0	0.08	NA	NA
0	0	0	0	NA	NA
23.82	20.48	22.14	15.8	-0.32502	0.000875
2.19	0.73	1.69	0.78	-0.95694	0.004416
5.77	5.55	5.43	6.68	0.101057	0.707245
0	0	0	0	NA	NA
8.03	11.71	11.9	12.89	0.302777	0.000636
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
29.66	18.79	26.39	22.1	-0.4333	3.76E-05
0	0	0	0	NA	NA
0	0.07	0.02	0	NA	NA
0.04	0.03	0.03	0.03	0.207787	0.808931
49.44	41.77	47.52	43.8	-0.23286	0.013607
0	0	0	0	NA	NA

0	0	0	0.26	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.13	28.96	18.39	23.89	1.114767	2.62E-15
0	0	0	0	NA	NA
0.44	0.28	0.24	0.18	-0.17152	0.840472
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.7	7.33	9.01	7.03	-0.06086	0.769067
5.32	3.2	3.29	4.24	-0.34298	0.03132
0	0	0.12	0	-0.69039	0.26179
36.13	105.95	76.65	95.02	1.302185	8.40E-30
0	0.01	0	0	NA	NA
1.34	1.28	1.83	1.69	0.417396	0.402014
6.14	14.56	18.84	13.96	1.135568	8.45E-11
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0.09	0.1	0	0.09	NA	NA
12.18	11.65	11.79	11.83	-0.12879	0.437644
0	0	0	0	NA	NA
0	0.05	0.01	0	NA	NA
18.71	2.31	3.64	2.83	-2.65232	5.07E-78
0	0	0.02	0.14	NA	NA
5.05	5.23	4.37	4.23	-0.12184	0.561641
18.03	4.98	7.89	6.35	-1.23946	9.11E-13
1.8	1.39	2.11	2.47	0.161509	0.722365
13.63	19.57	18.47	16.85	0.475824	0.000497
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
2.98	2.77	4.3	3.32	0.232321	0.419838
5.08	3.54	4.25	4.34	-0.60551	4.88E-06
215.82	201.32	221.67	204.83	-0.07739	0.511909
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.73	7.42	6.91	7.51	-0.56329	0.000109
34.95	133.7	92.92	117.44	1.417637	6.38E-32
6.99	6.36	5.19	5.93	-0.23434	0.223121
1.67	1.04	1.12	1.05	-0.37336	0.301759
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
1.13	1.27	1.73	1.35	0.324704	0.483341
0	0	0	0	NA	NA
0.08	0	0.05	0	NA	NA
0	0.06	0.05	0.12	NA	NA

14.38	15.87	14.2	16.98	0.219829	0.029784
5.03	7.61	7.13	10.61	0.830646	1.46E-06
0.19	0.04	0.28	0.17	-0.02052	0.983468
0	0	0	0	NA	NA
236.3	133.53	171.79	157.5	-0.66758	5.74E-13
0	0	0	0	NA	NA
26.39	28.81	47.59	31.02	0.134884	0.232634
0.13	0.14	0.14	0.15	0.645006	0.324226
2.97	3.98	3.78	3.84	0.174564	0.296522
0	0	0	0	NA	NA
0	0.04	0.02	0.02	NA	NA
0	0	0	0	NA	NA
1.62	1.3	0.95	1.22	-0.17827	0.671258
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.14	6.29	5.88	5.84	0.166596	0.388424
12.02	16.45	12.27	13.87	0.339595	0.011724
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
91.19	109.37	85.03	88.44	-0.08604	0.629081
0	0	0	0	NA	NA
26.5	31.13	29.39	30.12	0.242053	0.012819
0.1	0	0.12	0.1	-0.87455	0.186354
0	0	0	0	NA	NA
18.56	30.63	20.87	22.71	0.46897	0.001683
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.44	5.13	6.1	6	-0.71621	2.29E-07
0	0	0	0	NA	NA
0.39	0.19	0.77	0.49	-0.87716	0.095475
559.19	566.96	593.82	539.66	-0.0025	0.986207
0.05	0.12	0.31	0.11	0.437635	0.553779
31.21	80.27	59.88	73.73	1.138277	1.20E-25
9.11	7.3	7.97	7.77	-0.34588	0.002118
0.04	0.65	0.15	0.36	1.407413	0.002889
0.69	1.28	0.65	0.52	-0.52919	0.419567
125.2	124.84	135.32	127.91	0.001047	0.994947
0.75	0.63	0.61	0.56	-0.25878	0.659525
15.66	13.98	13.2	13.19	-0.16765	0.209819
10.6	12.91	16.57	12.99	0.214248	0.031569
40.2	54.32	54.04	53.54	0.213754	0.030773
0.09	0.1	0	0.03	NA	NA
0	0	0	0	NA	NA
56.45	81.19	76.65	82.04	0.424264	8.56E-06

0.5	0.3	0.02	0.03	-1.41985	0.013338
0.66	0.39	0.62	0.47	-0.60183	0.191484
7.6	8.59	6.11	6.05	0.097333	0.714263
0	0	0	0	NA	NA
0.86	1.5	1.28	1.7	1.169814	0.011049
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0.96	1.08	1.1	0.62	-0.14469	0.811429
0	0	0	0	NA	NA
4.51	2.37	4.66	4.25	-0.29289	0.238057
229.36	217.93	225.7	221.1	-0.17974	0.031676
0	0	0.02	0	NA	NA
215.79	139.16	165.17	137.09	-0.51766	1.18E-07
34.87	49.68	47.75	45.37	0.422641	3.20E-05
19.12	15.19	14.62	19.14	-0.07609	0.613954
0.05	0.04	0.04	0	NA	NA
1.42	0.39	0.48	0.38	-1.11141	0.009423
0	0	0.04	0	NA	NA
17.08	16.73	18.99	21.25	0.078585	0.543689
44.17	57.19	53.42	57.32	0.273907	0.002257
9.57	6.71	7.79	7.12	-0.55067	6.24E-07
14.59	12.92	13.61	13.39	-0.15652	0.090779
0	0	0.11	0	NA	NA
1.69	1.86	1.5	1.83	0.33598	0.518703
0	0.07	0.05	0	NA	NA
0.13	3.5	2.1	2.67	3.528721	4.93E-20
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.77	0.57	0.55	0.29	NA	NA
0.09	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0.12	0	NA	NA
73.31	66.77	72.23	75.3	-0.12226	0.256269
1.15	0.35	0.84	0.65	-0.30192	0.50527
0.27	0.49	0.25	0.2	0.263555	0.723985
2.49	2.31	2.64	1.87	-0.03993	0.870057
3.8	4.79	4.02	4.86	-0.25344	0.367377
0	0	0	0	NA	NA
14.19	10.98	14.33	10.29	-0.36734	0.130673
1.78	1.46	1.45	1.78	0.092951	0.790865
0.36	0.91	0.58	0.91	1.083573	0.012476
76.87	66.66	69.87	68.67	-0.24928	0.023554
33.28	35.15	31.8	38.78	0.031328	0.813172

2.43	2.18	2.49	2.6	0.195388	0.298406
23.97	30.11	29.59	28.46	0.201766	0.112771
0	0	0	0	NA	NA
9.25	7.27	9.08	7.67	0.055344	0.828363
1.83	1.58	2.03	1.86	-0.08	0.76465
0	0	0	0	NA	NA
0.75	1.37	1.06	1.41	0.080458	0.859434
4.68	4.03	4.21	4.49	-0.21239	0.263928
0	0	0	0	NA	NA
24.82	32.23	29.12	31.62	0.226713	0.022397
2419.79	2501.98	2416.07	2242.71	0.014658	0.90752
37.38	38.99	44.72	44.18	-0.00321	0.984238
28.97	36.23	39.25	37.38	0.250821	0.033876
11.5	11.26	13.07	11.39	-0.31287	0.018186
0	0	0.01	0	NA	NA
5.65	5.32	5.57	6.17	0.444728	0.117752
2.39	1.26	2.38	2.24	-0.77932	0.007561
0.03	0	0	0	NA	NA
0.37	0.51	0.45	0.87	0.461139	0.405702
0	0	0.1	0	NA	NA
0.51	1.32	1.31	1.58	0.910907	0.010909
0	0	0	0	NA	NA
9.01	7.59	8.57	9.07	-0.11892	0.580806
13.81	15.46	14.15	14.96	0.072696	0.65682
7.9	4.14	5.66	4.9	-0.92677	4.36E-16
5.25	4.29	5.88	5.54	-0.05421	0.774194
98.08	57.24	76.37	65.19	-0.63441	2.30E-09
0.48	0.28	0.24	0.38	-0.12774	0.83188
6.72	2.97	3.77	3.32	-0.9422	5.59E-05
0	0	0	0	NA	NA
51.65	57.33	51.71	57.12	-0.08649	0.527967
2.87	3.34	3.23	3.57	0.310534	0.099366
1.97	2.01	2.11	2.84	0.831803	0.001593
3.95	2.54	3.64	3.95	-0.48029	0.110135
0	0	0.63	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.45	1.02	1.16	1.36	-0.50411	0.234251
8.57	9.67	8.01	8.49	0.064202	0.85075
124.89	98.45	93.77	94.24	-0.14217	0.11713
5.78	15.42	10.13	12.2	0.458014	0.005239
0	0	0	0	NA	NA
0.5	0	0.71	1.55	-0.39413	0.602333
0	0	0	0	NA	NA
65.74	81.44	68.41	67.17	0.105238	0.460445

0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.45	17.03	15.59	16.15 0.088404	0.608942
0.08	0.15	0.14	0.34 0.201062	0.809911
0.25	0.08	0.02	0.04 NA	NA
5.59	4.71	4.71	5.64 -0.01708	0.933444
0.01	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.02	0.01	0 NA	NA
2.57	3.11	3.88	2.62 0.089474	0.752233
0.61	0.4	0.46	0.48 -0.56094	0.201587
0	0.1	0.12	0.09 0.312109	0.698714
17.23	18.92	17.46	19.63 -0.08109	0.580221
0.09	0	0	0 NA	NA
0.05	0.16	0.07	0.09 0.625919	0.365337
0.25	0.16	0.19	0.14 -0.11617	0.895033
13.43	17.39	17.95	18.54 0.27377	0.007641
37.07	73.94	63.54	73.82 0.950086	4.63E-30
0	0	0	0 NA	NA
2.01	0.77	0.82	0.98 -0.55906	0.345217
0.46	1.53	1.27	0.98 0.448902	0.44868
1.06	1.1	1.12	1.35 0.053561	0.892477
0	0	0	0.01 NA	NA
17.82	17.67	16.8	15.5 -0.08071	0.586781
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
57.88	52.87	52.99	52.17 -0.07378	0.455955
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.25	1.33	2.3	2.73 0.044773	0.883431
0.05	0	0	0 NA	NA
1.9	0.63	1.38	0.95 -0.85763	0.011247
12.08	13.92	12.01	12.68 0.101347	0.627779
5.37	3.73	5.67	3.84 -0.27647	0.226843
0.05	0	0	0.04 NA	NA
0.3	0.17	0.23	0.2 -0.47956	0.479412
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.37	19.96	19.95	18 0.476184	0.010248
2.52	2.65	2.35	2.55 0.084129	0.647297
1.16	2.75	1.96	2.33 0.222954	0.546314
0	0	0	0 NA	NA

0	0	0	0 NA	NA
8.41	7.74	8.22	7.5 -0.11242	0.570142
0.81	0.43	0.6	0.25 -0.57935	0.182198
0	0	0	0 NA	NA
0.27	0.25	0.28	0.14 0.202878	0.813172
0.27	0.42	0.5	0.52 0.601491	0.082538
0	0	0.04	0 NA	NA
38.43	14.01	26.13	24.99 -0.60747	8.82E-06
0	0	0	0 NA	NA
0.39	0.56	1.19	0.23 0.437623	0.565783
1.11	3.3	1.31	2.76 0.856092	0.053637
29.39	27.8	29.04	21.81 -0.11296	0.616181
0.27	0	0	0 NA	NA
0.34	0	0	0 NA	NA
0.03	0.02	0.02	0 NA	NA
0.04	0.03	0.03	0 -1.06582	0.082152
0.43	0	0.19	0.11 NA	NA
15.74	19.73	20.08	20.05 0.194006	0.1005
0	0	0	0 NA	NA
8.72	12.15	10.36	12.42 0.181621	0.30891
1.7	2.26	2.14	2.71 0.48549	0.073227
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.15	11.25	12.23	10.64 0.151434	0.524576
10.91	5.13	4.83	4.39 -0.93954	1.93E-09
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.02	0	0 NA	NA
5.77	5.35	6.01	5.29 0.108346	0.439695
0	0	0	0 NA	NA
0.01	0	0.01	0 NA	NA
10.39	6.15	9.65	9.56 -0.41325	0.004756
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
6.69	8.34	8.07	8.23 0.178907	0.33195
6.69	8.34	8.07	8.23 0.178907	0.33195
6.21	12.09	10.63	13.04 0.643854	9.27E-11
0.29	0.07	0.22	0.22 -0.28016	0.718422
0	0.09	0	0.1 NA	NA
0.22	0.1	0.04	0.13 NA	NA
0.03	0	0	0 NA	NA
0.46	0.11	0.1	0.23 NA	NA

0	0	0	0	NA	NA
0.19	0.02	0.02	0	NA	NA
0.81	0.37	0.48	0.77	-0.38546	0.456572
9.76	8.93	10.05	10.1	-0.04222	0.81145
0	0.05	0.02	0.07	NA	NA
5.41	7.99	7.13	7.91	0.388505	0.003007
3.36	3.92	4.07	3.58	0.335486	0.130658
14.51	25.29	20.33	22.42	0.666255	3.63E-11
3.95	4.03	3.47	3.26	-0.24099	0.2309
0	0	0	0	NA	NA
11.27	7.49	7.77	7.75	-0.52144	1.58E-05
101.36	128.34	140.47	135.24	0.166201	0.083788
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.31	10.25	7.16	8.35	2.576535	8.92E-54
0.09	0.22	0.18	0.25	0.924006	0.118481
0	0	0	0	NA	NA
61.95	79.51	74.75	72.22	0.12164	0.380085
0	0	0	0	NA	NA
0.93	1.6	0.69	0.94	-0.04232	0.948254
22.63	20.13	21.28	21.81	-0.1542	0.203888
0	0	0	0	NA	NA
20.88	9.18	12.68	10.9	-0.94262	8.27E-17
0	0	0.04	0.05	NA	NA
4.13	2.14	1.88	1.62	-1.46266	3.54E-09
2.45	1.06	1.76	2.07	-0.57871	0.285428
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
20.18	22.99	25.94	26.19	0.096349	0.589335
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
1.19	2.05	1.89	1.24	0.560759	0.172889
1.94	1.71	1.44	1.5	-0.10769	0.721791
0.95	0.06	0.27	0	-0.86205	0.190557
0	0.04	0.1	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.43	1.03	1.02	0.72	0.452182	0.432414
29.85	81.24	74.49	71.28	1.225802	2.98E-43
1.35	2.16	1.4	1.97	0.179691	0.556239
0.06	0	0.06	0.13	NA	NA
10.28	16.53	13.31	14.86	0.567866	0.002481
13.28	18.99	13.4	12.31	0.527848	9.33E-06
27.35	32.24	33.21	32.96	0.123724	0.27964

1.59	1.28	0.86	2.02	-0.20809	0.640049
0	0	0	0	NA	NA
6.55	5.36	5.2	5.88	-0.17704	0.334176
17.69	9.84	16.76	14.76	-0.18307	0.482129
33.02	32.21	32.04	31.96	-0.12557	0.256486
0	0	0	0	NA	NA
0	0.14	0	0	NA	NA
1.6	1.49	1.43	1.33	0.093321	0.825728
0.21	0.05	0.15	0.11	-0.8799	0.091706
22.61	23.78	21.55	24.92	0.141407	0.207006
13.47	16.78	16.48	15.63	0.437087	2.44E-05
53.04	62.43	58.81	55.75	0.113334	0.276917
0	0	0	0	NA	NA
2.71	1.73	2.43	2.38	-0.30907	0.258009
6.89	6.49	4.52	5	0.071033	0.753677
5.08	7.23	5.93	6.4	0.339682	0.029732
0.38	0.14	0.51	0.48	0.297043	0.680994
61.68	54.94	53.69	54.02	-0.37153	0.000602
104.13	102.97	100.08	92.89	-0.16357	0.115665
26.39	28.24	29.3	29.79	0.066551	0.646089
19.21	7.62	9.97	7.28	-1.17627	3.19E-22
0.51	0.39	0.55	0.32	-0.23253	0.717625
0.43	0.22	0.21	0.47	-0.48168	0.50607
0	0	0	0	NA	NA
0	0	0	0	NA	NA
149.56	164.08	161.18	155.95	0.067589	0.50119
6.03	8.08	7.11	7.46	0.211542	0.283524
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.44	8.95	10.01	8.46	-0.10664	0.702311
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.31	9.78	8.78	8.57	0.507973	0.005428
0.28	0.05	0.13	0.04	NA	NA
0	0	0	0	NA	NA
19.26	23.54	24.02	25.24	0.184528	0.074795
0	0	0	0	NA	NA
0	0	0.02	0.26	NA	NA
0.1	0.09	0.13	0.36	-0.05213	0.95613
0.08	0	0.08	0.08	NA	NA
0	0	0	0	NA	NA
1.64	0.87	1.31	0.81	-0.8241	0.030792
0	0	0	0	NA	NA
0.31	0.04	0	0.02	-2.00448	0.000333
0.02	0.03	0	0	NA	NA

25.51	33.77	28.69	28.61	0.37775	0.089571
0	0	0	0	NA	NA
31.24	34.77	36.11	34.2	0.142034	0.268684
8.72	11.25	12.62	14.5	0.485816	7.12E-05
0	0.03	0.03	0	NA	NA
0	0	0	0	NA	NA
8.9	7.14	6.81	6.89	-0.30474	0.011724
0.12	0.17	0.31	0.09	0.501498	0.492947
18.96	31.55	26.47	29.48	0.448611	0.000244
4.87	9.5	6.68	9.43	0.392723	0.012338
0	0	0	0	NA	NA
0	0	0	0	NA	NA
61.58	62.46	61.94	65.49	-0.04998	0.68232
0	0	0.03	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.11	0.05	0.11	0.770987	0.254652
10.09	12.87	10.25	12.41	0.172175	0.21612
8.51	8.14	9.5	8.54	0.010095	0.964486
0	0	0	0	NA	NA
14.73	10.44	12.6	11.62	-0.28926	0.050413
0	0	0.02	0.02	NA	NA
0.89	2.87	1.38	1.45	0.533765	0.19336
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
34.76	33.77	32.36	32.33	0.000325	0.998123
0	0	0	0	NA	NA
535.01	689.26	567.34	559.88	0.110586	NA
0	0	0.06	0.13	NA	NA
159.94	131.54	135.64	138.33	-0.32938	4.94E-06
1.32	0.72	0.79	0.54	-0.74199	0.026285
4.76	8.26	6.7	7.7	0.80554	1.42E-07
0.16	0.76	0.35	0.44	1.514127	7.32E-05
0	0	0	0	NA	NA
0.03	0	0.13	0.05	-0.28965	0.716154
32.05	46.84	37.11	39.46	0.296151	0.019488
0	0	0	0	NA	NA
20.04	19.63	21.2	18.59	0.081179	0.650179
6.59	8.28	7.37	8.09	0.413494	0.101594
0	0.03	0	0.03	NA	NA
0	0.49	0.26	0.31	1.549516	0.005737
36.06	46.21	36.58	45.88	0.311535	0.000307
0	0	0	0	NA	NA

0.17	0.21	0.38	0.34	0.217633	0.769428
4.02	2.63	3.77	1.09	-0.34741	0.643165
0.12	0.9	0.42	0.21	0.885979	0.079549
0	0	0	0	NA	NA
23.93	32.26	29.98	32.58	0.252053	0.035795
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.44	5.83	4.08	5.25	0.39828	0.108499
0.77	1.8	1.22	1.3	0.941442	0.001657
0.1	0.36	0.23	0.11	NA	NA
0.11	0	0	0.08	NA	NA
23.25	18.08	18.68	19.24	-0.35564	0.000114
0	0	0	0	NA	NA
8.96	7.93	9.23	9.88	0.05568	0.785112
3.28	5.21	5.86	5.86	0.902035	8.95E-06
1.09	0.71	0.51	0.85	-0.51087	0.176246
0.27	0	0.09	0.12	NA	NA
9.31	8.53	11.33	9.96	0.059469	0.791757
4.66	5.12	5.13	6.04	-0.0443	0.896301
0	0	0	0	NA	NA
7.66	5.95	5.75	6.92	-0.22008	0.120386
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.22	0.14	0.27	0.522357	0.47883
6.54	9.83	9.17	10.14	0.579236	8.95E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.26	3.43	3.95	4.41	0.174077	0.402412
0.06	0.02	0.06	0	NA	NA
2.23	1.8	1.56	1.75	-0.30467	0.194721
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.48	3.44	4.11	2.75	-0.09162	0.791573
0.03	0.09	0.02	0.18	NA	NA
0	0	0	0	NA	NA
3.6	3.23	2.96	4.46	-0.16789	0.55735
23.82	27.84	24.75	23.53	-0.15987	0.223312
3.36	2.34	2.37	2.73	-0.21995	0.56012
3.63	2.21	3.33	2.88	-0.20708	0.2822
3.97	12.4	6.71	10.06	1.408253	1.72E-15
0.04	0	0.02	0.03	NA	NA
8.59	9.75	9.04	8.85	0.031768	0.855551
0	0	0.03	0.03	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0.01	0.01	0.03	0.04	-0.10227	0.912249
3.12	5.51	4.82	6.36	0.841392	1.85E-09
0.67	0.16	0.25	0.42	-1.26703	0.002792
1.14	1.2	1.07	1.4	0.289186	0.459233
0	0	0	0	NA	NA
0	0.08	0.04	0.07	NA	NA
20.89	28.73	27.41	27.58	0.299303	0.001715
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.56	2.11	1.72	2.28	0.379398	0.12405
18.66	10.75	14.65	9.49	-0.59863	7.33E-07
55.46	54.65	54.8	55.57	-0.0668	0.567002
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0.04	0	NA	NA
0	0	0.04	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.07	0.13	0.11	-0.00696	0.994925
0	0	0	0	NA	NA
2.02	3.82	2.51	3.08	0.806303	0.002464
0.81	1.59	1.37	1.44	0.551751	0.090382
0.64	0.17	0.28	0.08	-0.81745	0.213836
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	0.18	0.5	0.26	-0.38979	0.591287
0.03	0	0	0	NA	NA
0.1	0.04	0.21	0.12	NA	NA
0.05	0.03	0	0	NA	NA
7.67	2.88	5.21	3.56	-0.96223	1.15E-07
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0.01	0.02	NA	NA
0	0	0	0	NA	NA
11.84	11.68	9.85	11.43	0.098845	0.696062
74.11	67.13	61.57	63.8	-0.30235	0.000311
0.14	0.25	0.09	0.1	NA	NA
8.41	10.93	9.57	10.07	0.271812	0.015634
11.75	13.59	15.2	14.05	0.10941	0.365344
0	0	0	0	NA	NA
0.12	0.05	0.08	0.07	-1.17949	0.019472
0.13	0.1	0.03	0.03	NA	NA

0.03	0.1	0.05	0.11	0.438914	0.560513
2.41	1.65	2.36	1.36	-0.23054	0.493948
1.2	2.45	1.27	1.68	0.578117	0.183659
0.2	0.1	0.28	0.09	1.607448	0.002426
0.02	0	0	0	NA	NA
1.93	1.87	2.24	2.23	0.006336	0.983353
23.82	39.78	33.09	35.74	0.439528	0.000114
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
1.3	1.12	0.85	1.12	-0.19659	0.548249
23.42	20.61	17.05	21.32	0.059735	0.646545
0	0	0	0	NA	NA
0.4	0	0	0.05	-1.51414	0.00978
0	0.09	0	0	NA	NA
22.82	20.72	19.44	20.53	-0.17429	0.115842
0	0	0	0	NA	NA
0	0.32	0.07	0.19	0.545046	0.453854
2.91	2.87	2.76	2.54	-0.1641	0.57714
0	0	0	0	NA	NA
46.67	55.25	55.47	48.19	0.063327	0.645276
0	0	0	0	NA	NA
0.11	0.12	0.13	0.2	0.442999	0.543453
0.05	0.14	0.26	0.04	NA	NA
5.75	4.61	5.67	5.36	-0.08052	0.700488
3.54	5.78	5.09	5.71	0.177428	0.4272
37.58	46.17	45.51	46.31	0.199269	0.046498
47.37	99.64	73.45	84.75	0.592446	1.21E-07
8.73	10.49	10.59	9.46	-0.08337	0.741849
4.63	5.05	4.99	4.95	0.172386	0.483696
1.38	0.25	0.51	0	NA	NA
0.23	0.45	0.37	0.65	0.285574	0.599474
1.6	3.09	1.98	2.49	0.542087	0.012026
4.95	4.93	4.71	5.22	-0.105	0.547427
1.66	2.1	1.88	1.67	0.303512	0.465626
0	0	0.06	0.08	NA	NA
0	0	0	0	NA	NA
3.41	4.97	4.04	4.89	0.516631	0.000637
14.5	9.59	10.12	10.83	-0.04879	0.780107
1.14	0.86	1.53	1.69	0.274324	0.629959
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.86	4.16	4.1	2.91	0.408919	0.06093
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0.05	2	1.04	0.92	1.316987	0.027898

0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.12	1.02	0.86 0.734489	0.267173
0	0	0.1	0 NA	NA
0.83	0.74	0.8	0.72 -0.14991	0.819101
0	0	0	0 NA	NA
0.81	1.05	1.21	1.16 0.317597	0.549989
15.22	11.17	14.44	11.73 -0.21223	0.308265
17.57	18.74	19.11	18.94 0.073692	0.576878
0	0	0	0 NA	NA
0	0.1	0.04	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.02	0.05	0.18 -0.36751	0.639143
0	0	0	0 NA	NA
0	0	0	0 NA	NA
20.13	9.02	10.44	11.76 -0.92639	2.79E-18
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0.02	0	0.02	0.03 NA	NA
11.64	10.47	10.04	7.9 0.032247	0.84981
20.4	18.53	19.49	21.32 0.165137	0.259006
0	0	0	0 NA	NA
0.06	0.17	0.21	0.23 0.265442	0.717625
16.01	17.15	17.22	16.21 -0.09929	0.547859
0	0	0	0 NA	NA
0.35	0.5	0.22	0.52 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0.12	0 NA	NA
17.41	26.88	21.97	22.71 0.281013	0.045065
11.14	16.83	13.71	13.13 0.375235	0.015262
0	0	0	0 NA	NA
1.47	1.77	1.88	1.69 0.054222	0.875852
0	0	0.06	0 NA	NA
0.46	0.47	0.55	0.38 -0.08393	0.87997
2.03	2.08	1.58	1.66 -0.0338	0.942235
0	0	0	0 NA	NA
4.41	1.49	2.03	1.39 -1.10673	4.59E-13
0	0.09	0.02	0.07 NA	NA
0	0	0	0 NA	NA
0.17	0	0.2	0.12 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
67.41	66.88	76.15	70.11	-0.09246	0.417064
0	0	0	0.08	NA	NA
0.18	0.04	0.05	0.1	NA	NA
0.05	0	0.03	0	NA	NA
9.47	7.99	8	8.18	-0.14463	0.457496
0.11	0	0.05	0.03	NA	NA
0.02	0.01	0.02	0	NA	NA
18.67	10.03	10.67	9.14	-0.98578	1.89E-16
2.26	1.17	1.32	1.17	-0.82043	0.000366
0	0	0	0	NA	NA
0.39	0.49	0.59	0.57	0.348074	0.580221
17.68	10.1	12.77	9.64	-0.5843	2.42E-09
14.21	13.11	13.77	14.21	-0.12054	0.220331
16.75	19.2	19.63	20.11	0.091002	0.453334
4.97	6.54	5.57	4.18	-0.02672	0.933507
0	0	0	0	NA	NA
0.32	0.38	0.92	1.11	0.69941	0.210008
0	0	0	0	NA	NA
0	0	0	0	NA	NA
48.41	84.05	71.7	79.89	0.622001	6.97E-11
0	0	0	0	NA	NA
0.42	0.62	0.65	0.71	0.394655	0.50611
2.31	2.39	2.41	2	0.029569	0.944939
0	0	0	0	NA	NA
1.82	2.32	1.21	2.06	-0.17157	0.675925
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.16	0	0.02	NA	NA
0	0.01	0.01	0.05	NA	NA
34.63	35.03	60.94	50.79	0.52389	0.000991
1.51	0.43	0.85	1.3	-0.60431	0.084998
0.04	0.01	0.04	0	NA	NA
0	0	0	0.05	NA	NA
0.79	0.72	0.95	0.74	-0.248	0.617378
0.71	0.78	0.51	0.54	-0.24992	0.668204
0	0	0	0	NA	NA
3.88	4.32	4.03	4.71	0.225809	0.14481
0.02	0.02	0.07	0.06	NA	NA
0.12	0.04	0.04	0.12	-0.64666	0.301137
6.88	11.9	12.52	13.48	0.807874	6.70E-20
0.36	0.02	0.05	0.03	-1.15674	0.063143
0	0.27	0.67	0.22	NA	NA

0.65	0.46	0.66	0.34	0.33446	0.58704
0.05	0	0.03	0	NA	NA
2.26	3.03	2.61	2.41	-0.06081	0.825412
0	0	0	0	NA	NA
9.88	13.02	10.75	10.38	0.234067	0.214455
0.03	0.02	0	0	NA	NA
27.8	34.85	38.93	33.31	0.178897	0.633306
0.29	0.32	0.27	0.2	-0.38178	0.538851
1.46	3.32	2.25	2.4	0.768045	0.119914
0	0	0	0	NA	NA
2.49	8.26	6.23	6.97	1.613908	3.07E-23
0.2	0	0.12	0	NA	NA
0.04	0.08	0.07	0.1	-0.15187	0.848795
3.06	2.55	1.88	1.93	-0.31733	0.144042
10.89	10.05	8.21	9.4	0.040824	0.824304
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.24	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.98	1.3	1.09	1.06	0.12306	0.667482
0	0	0	0	NA	NA
7.33	5.44	5	5.32	-0.80217	3.52E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.11	0.2	0.02	-0.25617	0.753628
0	0	0	0	NA	NA
0.13	0.16	0.15	0.21	0.446021	0.555161
0	0	0	0	NA	NA
0	0.06	0.05	0.02	NA	NA
0.03	0	0.05	0	NA	NA
0	0	0	0	NA	NA
6.06	6.62	6	7.58	-0.15312	0.456268
0.7	1.3	1.39	1.57	0.953017	3.05E-05
0.04	0.05	0.13	0.04	NA	NA
0	0	0	0	NA	NA
1.68	0.82	1.49	0.84	-0.15693	0.747737
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.32	12.02	8.84	9.84	0.57505	0.000318
20.84	23.12	19.96	21.44	0.208845	0.079426
0	0.02	0.02	0.04	NA	NA
0	0	0	0	NA	NA
0.5	0.53	0.44	0.46	-0.10291	0.822562

3.19	11.86	7.9	10.51	1.399925	1.08E-18
0	0	0	0	NA	NA
0.55	0.31	0.24	0.88	-0.45048	0.506243
0.03	0.02	0.02	0	NA	NA
38.29	27.11	36.83	28.89	-0.31044	0.030847
0.03	0	0.06	0	NA	NA
7.41	7.1	8.02	8.79	-0.08695	0.75
0	0	0	0	NA	NA
0.94	1.56	2.03	1.2	0.290359	0.513751
0	0	0	0	NA	NA
0.58	0.7	0.68	0.67	-0.13702	0.792121
0	0	0	0	NA	NA
1.38	1.5	1.03	1.49	0.095151	0.863276
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.84	2.02	1.27	1.28	-0.17124	0.592542
0	0	0	0	NA	NA
254.26	345.3	302.74	320.71	0.265062	0.003537
1.76	1.75	2.08	2.04	-0.69571	0.045734
1.42	1.61	1.4	2.02	0.46316	0.072883
21.08	19.32	16.72	16.93	-0.33191	0.002336
14.07	14.13	12.88	11.35	-0.21032	0.066555
10.16	11.74	12.64	12.33	0.100215	0.485103
10.65	11.47	10.19	10.78	-0.1528	0.328087
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.49	0.1	0.41	0.26	-2.60703	2.24E-15
8.14	8.04	8.45	8.9	-0.07151	0.685709
0	0	0	0	NA	NA
2.64	2.59	2.62	2.41	-0.04213	0.855772
0	0	0	0	NA	NA
0.03	0.02	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0.21	0.24	0.13	0.22	-0.06741	0.935474
2.08	3.52	4.63	4.94	0.56387	0.159743
18.03	23.56	24.02	23.68	0.31462	0.001504
33.61	30.28	32.46	31.42	-0.11408	0.410345
0	0	0	0	NA	NA
5.34	5.06	4.8	6.11	0.049083	0.837435
0	0	0	0	NA	NA
14.99	23.67	23.83	23.79	0.403394	0.009063
0.54	1.37	0.51	0.89	1.104343	0.006794
0	0	0	0	NA	NA

0	0	0	0	NA	NA
1.87	2.4	2.17	1.94	0.235695	0.371809
1.97	1.75	1.86	1.75	-0.03223	0.935474
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.37	0.55	1.08	0.76	1.131534	0.042498
0	0	0	0	NA	NA
93.13	61.97	82.76	67.58	-0.35354	0.007579
0	0	0.1	0	NA	NA
13.93	18.87	15.28	17.43	0.316039	0.008409
8.68	13.82	11.38	10.86	0.483307	0.00035
41.92	39.05	47.84	44.16	-0.23706	0.093558
0.79	1.01	0.36	0.58	0.017741	0.984963
5.52	3.57	4.43	3.56	-0.33826	0.08654
0	0	0.03	0	NA	NA
16.51	21.74	21.11	20.37	0.232792	0.172325
11.36	11.35	11.45	9.23	0.066317	0.722383
30.76	37.62	32.88	30.18	0.186258	0.214802
0	0	0.02	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0.07	0	NA	NA
14.19	15.47	15.21	15.02	-0.11507	0.401174
0	0	0	0	NA	NA
0.31	0.43	0.18	0.28	0.042625	0.961386
0	0	0	0	NA	NA
30.08	46.3	44.19	44.91	0.518394	1.77E-11
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0.39	0.22	0.17	0.45	0.282323	0.71014
5.19	5.71	5.05	6.86	-0.02886	0.924916
0	0	0	0	NA	NA
671.16	553.87	675.09	547.84	-0.22289	0.022889
0	0	0	0	NA	NA
8.45	8.79	8.24	10.77	-0.13342	0.441818
3.91	2.65	3.2	3.85	-0.04082	0.874602
0.34	0.73	0.85	0.41	0.858672	0.179344
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.2	8.01	7.59	8.49	0.778082	0.001247
4.66	6.63	5.62	7.11	0.225554	0.139012
44.85	42.92	42.98	45.37	-0.1163	0.164449
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.1	0	0.07	0.04	NA	NA
0	0	0	0	NA	NA
3.48	3.48	2.45	2.73	-0.42571	0.031302
0	0	0	0	NA	NA
2.87	4.71	3.9	3.75	0.502513	0.019908
0	0	0	0	NA	NA
1.84	2.77	3.09	3.03	0.384342	0.162074
0.01	0.07	0	0.02	NA	NA
0	0	0	0	NA	NA
9.29	7.95	7.26	7.75	-0.03467	0.845538
0.71	0.04	0.16	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0.25	0.19	0.29	0.35	-0.21147	0.767799
0.2	0.39	0.12	0.05	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0.08	NA	NA
0	0	0	0	NA	NA
4.65	3.54	5.83	3.95	-0.13378	0.754017
0	0	0	0.04	NA	NA
6.6	7.44	6.41	9.82	0.352269	0.002241
0	0	0.08	0.02	NA	NA
17.17	19.62	18.61	20.85	0.094856	0.481238
5.83	6.87	5.43	6.12	0.020315	0.946156
0	0	0	0	NA	NA
0.22	0.11	0.32	0.21	0.046433	0.958712
0.13	0.02	0.07	0.01	-0.45572	0.546626
0	0	0	0	NA	NA
8.23	3.06	3.77	3.17	-1.18435	1.51E-11
0.03	0	0.02	0	NA	NA
0.5	0.8	1.19	1.22	0.093292	0.828141
85.12	65	83.34	75.65	-0.11211	0.42163
4.19	3.78	3.88	4.02	-0.11869	0.392388
4.72	6.01	5.62	5.84	0.292886	0.084482
10.9	8.84	8.96	9.96	-0.05776	0.784567
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.15	3.97	6.05	5.15	-0.40438	0.055186
0	0	0	0	NA	NA
0	0	0	0	NA	NA
23.73	22.11	26.16	26.38	-0.07314	0.563675
0	0	0	0	NA	NA
0.12	0.05	0.09	0.02	0.083254	0.926936
0.13	0.05	0.02	0.34	-1.05898	0.094624

0	0	0	0	NA	NA
11.63	10.74	10.55	11.19	-0.00663	0.965199
0	0	0	0	NA	NA
0	0.03	0.02	0	NA	NA
0.04	0	0	0	NA	NA
8.71	10.11	10.71	12	0.317089	0.018756
0	0	0	0	NA	NA
18.07	14.25	18.23	17.14	0.193309	0.291336
0.15	0	0.05	0.06	NA	NA
0.45	1.62	2.68	2.27	1.111039	0.043072
1.51	0.81	1.03	1.05	-0.78547	0.001401
10.82	19.7	11.88	19.36	1.102057	0.026303
0	0.01	0.03	0.01	NA	NA
0	0	0	0	NA	NA
0	0.03	0.01	0.04	0.861883	0.125724
5.61	5.43	5.49	6.97	-0.10519	0.593124
6.85	29.6	15.23	23.97	1.778281	4.82E-16
0.56	1.24	1.69	1.91	0.899725	0.015484
0.09	0	0.04	0	-1.20683	0.049135
15.29	12.12	10.4	13.07	-0.23415	0.167881
1.9	0.86	1.1	1.43	-0.27085	0.287151
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.28	17.17	13.11	14.76	0.368263	0.001736
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.67	2.3	1.97	2.03	0.178996	0.197985
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.99	9.28	8.06	10.41	0.444855	0.001307
9.56	5.9	8.15	6.07	-0.39206	0.037593
0	0	0	0	NA	NA
0.69	0.86	0.8	0.87	0.048264	0.912249
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.73	0.29	0.66	2.16627	4.46E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.72	14.21	12.1	14.33	0.006058	0.976268
62.84	107.59	88.48	92.93	0.472488	1.92E-06
0.02	0	0.1	0	NA	NA
0.05	0.12	0.18	0.04	-0.53814	0.461301

0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.89	0.86	0.87	0.58	-1.17365	6.73E-05
21.63	29.72	28.82	30	0.183082	0.356587
0	0	0	0	NA	NA
6.5	5.41	5.37	6.39	-0.15667	0.550129
6.23	4.56	6.34	5.98	-0.18891	0.153146
9.74	16.58	14.26	14.78	0.498483	1.22E-05
0	0	0	0	NA	NA
0.02	0.3	0.18	0.16	1.388536	0.020038
43.85	29.69	32.34	33.44	-0.57106	2.68E-10
0.18	0.08	0.06	0.18	0.009572	0.99294
0	0	0	0	NA	NA
1.62	1.6	2.41	2.18	0.069934	0.786133
0.41	0.15	0.64	0.45	-0.62154	0.375599
3.19	3.25	4.6	4.58	-0.10634	0.64214
1.44	2.11	1.98	2.26	0.314346	0.251517
0	0	0	0	NA	NA
17.56	23.05	24.77	22.92	0.501297	1.17E-06
0	0	0	0	NA	NA
6.74	9.79	9.18	9.88	0.457717	9.89E-05
26.16	36.58	34.74	37.27	0.422182	0.000661
0	0	0	0	NA	NA
44.42	48.55	45.54	49	0.039969	0.775187
1.53	3.1	2.39	2.5	0.459045	0.120976
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.86	7.26	5.24	5.33	0.081571	0.693377
0	0	0.01	0.01	NA	NA
23.49	20.87	24.91	22.46	0.051922	0.813598
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
41.7	51.46	59.5	44.56	4.59E-05	0.999852
0.24	0.02	0.06	0.06	-1.41349	0.009385
6.18	7.58	6.97	7.63	0.199028	0.17178
0	0	0.06	0.01	NA	NA
0.28	0.1	0.12	0.14	0.122479	0.88961
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.03	0.02	0.02	0.476462	0.515531
0	0	0	0	NA	NA
17.99	13.76	13.42	11.14	-0.57886	2.31E-06
0.17	0.3	0.95	0.17	0.309767	0.701731
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
53.57	81.36	68.83	76.83	0.338848	0.000257
19.59	19.55	19.48	19.94	-0.0246	0.91273
23.25	22.12	23.7	19.68	-0.29851	0.000209
0	0	0	0	NA	NA
0.22	0.16	0.12	0.17	-0.97573	0.071879
20.66	20.57	19.42	26.32	0.084647	0.610062
3.79	2.28	2.31	2.5	-0.09787	0.867552
0.02	0	0.01	0.02	NA	NA
110.89	126.54	123.87	110.76	-0.01754	0.92504
1.85	1.78	1.1	1.14	-0.37439	0.370893
0	0	0	0	NA	NA
0.91	1.17	0.68	0.69	-0.07002	0.902417
1.18	2.38	1.9	2.58	0.508676	0.042303
90.84	87.24	83.66	90.2	-0.07153	0.50611
8.34	10.27	8	8.74	-0.009	0.973152
19.76	22.42	21.98	20.33	0.183817	0.241885
0	0	0	0	NA	NA
10.7	37.34	24.85	31.16	1.547815	4.07E-39
0	0	0	0	NA	NA
0	0	0	0	NA	NA
21.64	7.83	11.16	8.21	-1.21638	8.71E-11
0.01	0	0	0.01	NA	NA
0	0	0	0	NA	NA
5.15	6.44	5.1	6.1	-0.05135	0.867339
3.42	0.71	1.54	1.05	-1.58046	2.72E-13
0.02	0	0.03	0	NA	NA
21.88	16.97	18.38	21.59	-0.20498	0.096066
32.37	33.57	41.24	32.84	0.011981	0.948247
0	0.07	0.14	0.03	NA	NA
7.27	1.6	2.28	2.15	-0.60472	0.060819
0	0	0	0	NA	NA
29.74	21.8	26.12	22.99	-0.32107	0.013512
72.74	81.06	81.75	82	-0.00291	0.986207
70.79	117.56	123.34	120.47	0.615726	1.45E-13
107.19	106.44	114.9	112.49	-0.05475	0.627366
17.32	18.66	18.54	19.97	0.021531	0.93072

2.79	2.07	2.73	2.08	-0.55342	0.000366
220.21	208.27	216.63	222.39	-0.00583	0.963961
0	0	0	0	NA	NA
7.95	5.36	6.1	6.76	-0.28257	0.071573
0	0.06	0	0.04	NA	NA
50.04	58.02	56.28	57.53	0.370347	1.19E-05
27.25	13.93	22.28	14.96	-0.83969	8.39E-12
0.73	0.94	0.97	0.76	0.395538	0.121489
0.01	0	0	0	NA	NA
0.01	0	0.02	0	NA	NA
0.38	0.16	0.18	0.13	-0.86606	0.120301
0.08	0.04	0.53	0.02	NA	NA
1.42	0.24	0.84	0.55	-0.81823	0.002258
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
6.82	2.33	4.49	2.02	-0.89548	1.15E-05
8.29	27.59	17.45	22.41	1.551111	3.21E-22
15.76	17.78	16.37	15.05	-0.00802	0.966851
0.01	0.03	0.02	0.05	NA	NA
7.73	4.95	4.22	4.41	0.121546	0.744236
0	0	0	0	NA	NA
1.08	1.53	1.27	1.81	0.206708	0.490169
0.26	0.28	0.2	0.24	0.10196	0.883618
5.94	9.89	8.24	10.31	0.429773	0.013898
1021.37	709.54	892.63	910.45	-0.27318	0.006679
0	0	0	0	NA	NA
0.71	0.54	0.51	0.64	-0.26912	0.484632
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
2.38	1.96	3.25	2.58	-0.3922	0.336178
10.69	8.76	9.5	9.81	-0.02337	0.947179
0	0	0	0	NA	NA
0	0.16	0.09	0.09	1.060615	0.065322
6.7	7.94	6.54	6.72	0.364516	0.002663
0	0	0.02	0	NA	NA
1.22	1.3	1.51	1.16	-0.31233	0.276247
1.22	1.3	1.51	1.16	-0.21325	0.50294
9.01	6.55	9.81	8.71	-0.25396	0.215146
0	0	0	0	NA	NA

0.53	0.26	0.19	0.24	-1.03693	0.042303
0	0	0	0	NA	NA
0.76	0.48	0.53	0.15	-0.97343	0.070209
9.3	9.13	8.48	9.13	0.175241	0.268868
0.79	0.87	0.88	0.89	0.259314	0.382353
0	0	0	0	NA	NA
25.39	31.19	27	28.49	0.131079	0.268575
0	0	0	0	NA	NA
0.06	0.16	0.17	0.08	NA	NA
0	0	0	0.03	NA	NA
1.66	5.32	4.08	5.66	1.967979	2.63E-20
0.07	0.1	0.36	0.13	-0.37103	0.634737
36.02	30.28	31.34	31.78	-0.21707	0.010425
0	0	0	0	NA	NA
35.05	24.94	20.67	20.77	-0.6906	1.16E-10
8.59	10.49	9.23	10.25	-0.07886	0.712368
8.59	10.49	9.23	10.25	-0.07886	0.712368
0	0	0	0	NA	NA
0.02	0.32	0.18	0.21	1.63105	0.004895
217.07	169.34	199.36	193.04	-0.36291	0.000202
1.79	3.24	2.7	3.33	0.761653	3.44E-05
0.04	0	0.03	0	NA	NA
6.55	6.1	6.53	7.95	-0.36374	0.08077
13.27	15.7	13.51	14.71	0.19256	0.282282
5.37	7.88	8.42	6.54	0.455256	0.073626
0	0.11	0.2	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
231.06	305.66	255.16	279.22	0.344694	1.10E-05
17.21	13.82	18.24	18.09	0.149436	0.317778
26.88	22.48	21.93	23.77	-0.10794	0.453409
2.74	1.54	1.87	1.07	-0.68442	0.070787
26.81	29.27	28.89	28.34	0.225636	0.048547
8.59	11.53	12.14	11.01	0.351146	0.047072
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.58	8.6	10.15	7.74	0.043919	0.806634
0	0	0	0	NA	NA
1.21	0.17	0.51	0.1	-1.91799	1.95E-07
0.02	0.28	0.05	0.31	1.317966	0.027839
1.28	0.48	0.83	0.82	-0.96363	0.000756
0	0	0	0	NA	NA
0.32	0.51	0.46	0.47	0.598196	0.301932
0	0.15	0.65	0.04	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0.87	0.5	0.99	-0.2417	0.717625
0	0	0	0	NA	NA
18.61	9.89	10.78	10.31	-0.78841	4.25E-16
1.67	1.41	1.52	1.21	-0.38128	0.301084
0	0	0	0	NA	NA
9.64	35.03	20.96	26.18	1.382073	5.44E-40
0	0	0	0	NA	NA
14.99	8.97	14.85	11.98	-0.30344	0.114633
0.04	0.08	0.02	0.14	NA	NA
0	0.01	0.01	0	NA	NA
0	0	0	0	NA	NA
11.21	6.86	9.87	8.01	-0.49743	0.002592
0	0	0	0	NA	NA
4.84	3.11	4.32	4.66	0.054443	0.889637
0	0	0	0	NA	NA
7.6	17.15	12.5	14.55	1.324927	1.78E-15
53.37	49.32	54.31	53.47	-0.032	0.784834
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0.72	1.12	0.87	1.05	0.354933	0.493018
0.05	0	0.03	0.04	NA	NA
0	0	0	0	NA	NA
2.88	4.1	3.97	4.05	0.258624	0.164113
10.74	41.88	30.32	37.06	1.617831	7.00E-41
0	0	0	0	NA	NA
10	6.62	6.93	7.56	-0.45849	0.037001
811.05	789.98	882.25	797.94	-0.05098	0.635584
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.18	0.17	0.15	-0.05242	0.948254
0	0	0	0	NA	NA
3.96	4.55	5.73	4.84	0.241626	0.190908
39.44	386.78	330.5	378.33	3.114319	2.99E-236
0.03	0	0.04	0	NA	NA
24.31	28.17	25.37	24.51	0.06234	0.621592
0.04	0	0.04	0	NA	NA
783.51	648.53	736.69	601.67	-0.23917	0.019173
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.39	0.32	0.28	0.12	-0.32609	0.621689
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA

15.94	18.13	15.46	18.99	-0.11732	0.467467
0	0.1	0.03	0 NA	NA	
81.43	79.64	77.68	77.24	-0.17852	0.070749
2.57	3.78	4.01	3.14	0.257692	0.319984
0.11	0	0.08	0.17 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
14.77	17.42	17.21	19.77	0.240846	0.023711
8.84	11.06	11.35	10.36	0.285244	0.002487
0.12	0.01	0.03	0.02	-1.99899	0.000123
3.42	1.82	2.86	2.87	-0.45929	0.062147
0.12	0.24	0.91	0.56	0.52398	0.477667
0	0	0	0 NA	NA	
12.54	11.49	9.81	11.8	-0.12088	0.436366
0	0.06	0	0 NA	NA	
0.14	0.36	0.19	0.42	1.170655	0.051923
63.22	77.14	69.39	71.69	0.093681	0.334532
11.95	12.4	12.13	12.79	-0.03004	0.856146
0.22	0.59	0.42	0.21	0.059408	0.94822
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.06	0.14	0.14	0	0.216561	0.79675
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
620.93	475.82	553.01	480.53	-0.34145	0.000133
0	0.06	0.11	0 NA	NA	
0	0	0	0 NA	NA	
10.72	8.16	8.01	7.08	-0.16174	0.396541
0.13	0.23	0.18	0.33	0.490509	0.476938
4.45	5.86	6.19	5.64	0.165821	0.570335
13.54	12.53	8.04	9.28	-0.04821	0.843689
0	0	0	0 NA	NA	
15.24	11.53	13.17	11.92	-0.17838	0.30991
1.04	1.55	1.2	1.37	0.27697	0.696373
38.01	70.99	52.79	61.36	0.581656	8.41E-08
0	0	0	0 NA	NA	
68.03	80.22	72.28	74.35	0.067874	0.544995
0.12	0.04	0.08	0.04 NA	NA	
28.9	27.94	30.61	30.29	0.017619	0.925618
14.4	4.48	7.27	6.06	-1.32667	1.69E-30
3.4	4.56	4.28	3.78	0.19019	0.278147
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
8.59	6.66	7.53	7.26	0.037404	0.872041
0	0	0	0 NA	NA	

31.38	28.37	35.46	31.26	-0.17939	0.125304
0.12	0.08	0.14	0.1	-0.06964	0.94163
0.88	1.42	1.71	1.61	0.995199	0.004416
7.59	6.02	6.01	6.56	-0.17552	0.369468
0.54	0.59	0.86	0.57	0.379521	0.52483
30.52	20.21	21.04	20.64	-0.56994	1.17E-07
42.64	40.95	48.47	37.44	-0.27354	0.102388
0.41	0.14	0.3	0.17	-1.0367	0.063254
0	0	0	0	NA	NA
26.48	20.98	22.2	21.98	-0.18214	0.062506
0	0	0	0	NA	NA
0.74	0.22	0.09	0.1	-2.72128	8.04E-14
0	0	0	0	NA	NA
0.49	0.22	0	0.43	-0.53702	0.46358
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.83	0.8	0.76	0.89	-1.18729	1.41E-08
3.27	5.32	5.09	3.58	0.338869	0.166385
0.47	1.35	1.05	0.99	0.826665	0.000909
9.01	6.81	8.26	4.25	-0.39629	0.044387
0	0.09	0.17	0	NA	NA
3.73	1.92	2.92	2.74	-0.36933	0.158071
0.05	0	0.07	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.82	5.67	8.41	8.19	-0.5271	0.01821
116.25	28.72	43.31	36.82	-1.68782	5.10E-47
0	0	0	0	NA	NA
0	0	0.02	0.06	0.080552	0.932664
0.02	0	0.06	0.04	NA	NA
46.08	75	77.41	80.37	0.69726	2.28E-19
4.65	2.32	3.97	3.25	-0.70913	1.92E-05
0.05	0.36	0.19	0.17	1.416803	0.016597
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0.02	0.03	0	0	NA	NA
7.38	4.29	7.03	7.61	-0.27917	0.2822
0	0.03	0.06	0.08	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0.31	0	0.08	0.03	NA	NA
0.33	0.96	0.79	0.57	0.812207	0.206775
0.16	0.18	0.15	0.26	0.422538	0.571879

4.21	5.26	4.67	5.53	0.45949	0.017009
21.64	5.22	5.41	4.71	-1.87895	6.77E-45
2	1.63	1.64	1.5	-0.16649	0.554968
0	0.01	0	0	NA	NA
0	0	0.06	0.09	NA	NA
0.03	0.37	0.17	0.07	0.586977	0.412954
27.48	21.99	25.16	21.79	-0.27423	0.119336
0	0	0	0	NA	NA
0.02	0.03	0	0.02	NA	NA
0.28	1.84	0.99	1.62	1.865101	4.10E-11
0.09	0	0.02	0	NA	NA
0	0.01	0.02	0	NA	NA
23.59	27.31	29.58	23.94	0.185925	0.186876
1.16	1.42	1.71	1.63	0.146917	0.772909
0	0	0	0	NA	NA
0.21	0.3	0	0	NA	NA
2.25	2.22	3.14	2.68	0.164922	0.640682
0.24	0	0.1	0.27	0.048111	0.926237
0.27	0.03	0.12	0.25	-0.26763	0.729409
0	0	0	0	NA	NA
0.95	1.25	1.32	1.74	-0.00319	0.996111
0	0	0	0	NA	NA
156.97	136.98	161.08	143.9	-0.12019	0.250715
39.18	41.49	58.79	60.9	0.005215	0.98325
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.16	0.79	0.87	0.94	-0.08285	0.91451
148.92	148.35	149.2	149.15	-0.07771	0.485787
38.43	16.32	25.5	22.55	-0.62153	8.13E-07
112.69	161.29	136.81	128.25	0.27248	0.017285
0.08	0.37	0.4	0.4	0.486067	0.513736
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.24	0.14	0.12	1.181116	0.046878
1.4	1.4	1.18	1.85	0.052933	0.943276
6.64	6.88	7	7.58	0.097774	0.538056
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0.37	0.37	0.49	-0.28912	0.6465
0	0	0	0	NA	NA
2.11	1.23	1.26	1.59	-0.48085	0.057898
0	0	0	0	NA	NA

2.99	5.79	3.75	4.12	0.519383	0.130349
4.27	8.39	7.73	8.36	0.677375	2.39E-09
4.99	4.91	5.8	5.45	0.068129	0.768324
0.2	0	0.05	0.03	NA	NA
0	0	0.06	0.03	NA	NA
7.19	9.69	9.42	10.5	0.317422	0.003484
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
27.03	21.05	21.45	21.72	-0.38923	0.000609
0	0	0	0	NA	NA
0.2	1.3	0.54	0.91	1.567596	0.007817
0.12	0.26	0.08	0.18	NA	NA
0	0	0.08	0	NA	NA
9.86	6.18	8.03	9.98	-0.35737	0.166341
0.13	0.37	0.13	0.2	0.843117	0.147345
0.02	0.03	0.04	0.01	NA	NA
48.06	36.13	33.79	34.75	-0.32614	0.000488
24.32	25.71	30.71	29.43	0.173418	0.135391
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	0.52	1.07	0.62	0.089426	0.899594
5.5	4.86	5.49	4.04	-0.39807	0.173212
0	0.45	0.05	0.17	2.972517	1.61E-08
17.95	8.43	9.99	14.78	-0.61768	5.78E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.91	8.71	11.36	8.58	-0.08677	0.70095
4.18	4.67	4.82	4.43	0.152553	0.369708
0	0	0	0	NA	NA
0.35	0.44	0.29	0.14	-0.33604	0.661423
0.02	0	0	0.24	NA	NA
1.74	1.4	1.44	3.04	-0.02467	0.959338
8.94	8.23	8.91	8.95	0.015694	0.91832
5.65	4.96	6.65	5.7	-0.02914	0.901909
9.12	8.51	11.23	9.22	-0.20929	0.159534
0.45	0.09	0.1	0.12	-1.79103	3.26E-06
16.54	15.6	18.77	15.92	0.057016	0.794052
0	0	0	0	NA	NA
17.86	23.94	22.12	19.31	0.350966	0.009495
23.37	16.81	20.04	17.16	-0.25715	0.135517
4.32	5.29	4.96	5.46	-0.0219	0.895538
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA

0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
2.1	1.07	1.4	1.71	-0.65984	0.072419
0.48	0.48	0.35	0.51	-0.29896	0.672426
0	0	0	0	NA	NA
15.56	21.61	17.94	20.46	0.251799	0.026568
12.02	16.43	13.69	15.17	0.210074	0.156506
1.79	2.41	1.99	2.29	0.426593	0.014967
8.66	7.4	7.05	6.87	-0.41565	0.000188
0	0	0	0	NA	NA
12.07	13.82	11.83	12.57	-0.02169	0.925337
0	0.17	0	0.19	NA	NA
3.56	4.63	3.61	4.09	0.449223	0.062432
7.65	5.79	5.31	5.72	-0.26654	0.294713
0	0.07	0	0.07	NA	NA
5.22	3.26	2.78	2.09	-0.96407	0.00075
24.71	36.84	29.32	35.38	0.417785	0.011825
2.06	1.94	1.86	1.54	-0.19168	0.511517
19.3	16	16.48	14.95	-0.01553	0.940418
0	0	0	0	NA	NA
0.22	0.16	0.32	0.39	-0.00426	0.996262
0.04	0.43	0.05	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0	0.01	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0.03	0.03	NA	NA
1.04	1.84	0.96	1.39	0.025154	0.96236
112.35	103.58	103.04	91.31	-0.08878	0.646089
0	0	0	0	NA	NA
1.13	1.07	1.07	0.86	-0.16094	0.681801
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
4.02	4.52	4.15	4.08	0.052894	0.852616
3.45	4.47	4.92	5	0.139073	0.699403
0.16	0.05	0.09	0.05	NA	NA
43.13	7.78	15.22	16.44	-1.54695	2.11E-07
0	0	0	0	NA	NA
0.04	0	0.05	0	NA	NA
14.77	22.31	19.88	17.16	0.196362	0.268058
1.9	2.19	2.35	1.74	-0.04712	0.885955
0.05	0.02	0	0.07	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.35	16.9	14.52	16.96	1.173409	2.80E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0.04	0	NA	NA
4.13	5.24	4.85	3.99	0.199826	0.341788
59.9	26.24	35.15	29.8	-0.93149	1.71E-17
8.36	8.37	7.08	6.97	-0.12181	0.438399
97.71	120.21	101	107.66	0.313854	0.002471
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.23	0.36	0.19	1.112374	0.077067
8.2	11.77	10.98	11.77	0.398311	0.000419
15.49	12.04	11.87	13.04	-0.39606	3.10E-06
0.06	0.04	0.07	0.03	-0.55434	0.393005
0	0	0	0	NA	NA
11.26	10.21	12.84	10.57	0.153045	0.290116
0	0	0	0	NA	NA
0.06	0.68	0.35	0.33	1.920592	0.000437
3.76	9.11	5.15	7.44	0.915797	2.80E-08
0.54	0.87	0.66	1.04	-0.05829	0.933085
9.85	8.1	8.89	10.79	-0.17134	0.423276
0.13	0.03	0.12	0.18	-0.24797	0.760501
0.15	0.22	0.03	0.09	-0.63209	0.36846
0.81	1.98	2.37	2.77	1.177348	1.27E-15
0	0	0.01	0	NA	NA
10.28	6.51	6.55	6.79	-0.70718	3.24E-10
0	0	0	0	NA	NA
3.26	1.53	2.11	0.87	-0.60838	0.078121
0.04	0.03	0.09	0	-0.2137	0.791573
0.35	0.58	0.6	0.48	0.216519	0.758108
0	0	0	0	NA	NA
3.06	1.89	2.17	1.25	-0.40692	0.400736
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
3.67	0.36	0.85	0.68	-2.75129	4.29E-27
0	0	0	0	NA	NA
5.29	6.08	4.8	5.45	-0.00768	0.974973
0.1	0	0.01	0.02	NA	NA
0.52	0.6	0.91	0.97	0.016259	0.977246
0	0	0	0	NA	NA
3.14	3.36	3.5	3.91	0.276666	0.067246
18.55	10.84	14.88	11.63	-0.43575	0.030619

0.14	0	0	0 NA	NA
0.17	0.34	0.12	0.72 0.700817	0.280278
0	0	0.03	0.01 NA	NA
0.4	2.44	1.38	1.91 1.916591	2.19E-09
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
59.32	47.19	53.85	51.86 -0.29475	0.000401
0.01	0.01	0.03	0.03 NA	NA
0	0	0	0 NA	NA
14.74	9.96	11.78	11.97 -0.40607	9.99E-05
0.21	0.07	0.03	0.16 1.010481	0.109937
2.42	0.68	1.45	1.13 -1.64066	3.68E-12
3.33	3.16	3.08	3.4 -0.00025	0.999184
0	0.03	0	0.06 NA	NA
52.23	54.46	67.44	58.23 -0.35313	0.021981
2.86	4.62	2.55	4.11 0.06942	0.898268
0	0.02	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.35	0.03	0.3	0.14 -2.2203	1.33E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.04	0.04	0.05 NA	NA
3.29	1.88	2.28	1.85 -0.65363	0.000226
0	0	0	0 NA	NA
5.78	6.93	7.95	8.14 0.279684	0.076339
17.17	17.54	16.41	18.85 0.016581	0.929724
0	0.01	0.03	0.01 NA	NA
6.3	24.53	11.94	19.7 1.380332	2.23E-05
0.36	0.26	0.43	0.17 -0.40674	0.598232
0	0	0	0 NA	NA
26.26	28.63	34.6	29.97 0.186034	0.294358
1.24	0.96	0.07	0.74 0.079704	0.930993
0	0	0	0 NA	NA
0.13	0.29	0.09	0.1 0.71137	0.290758
150.1	232.59	231.7	234.78 0.551718	1.96E-12
2446.16	974.59	1428.66	1214.14 -1.03445	7.05E-20
0	0	0	0 NA	NA
50.14	81.35	60.82	64.31 0.456375	6.56E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
33.04	33.99	40.71	33.8 0.078058	0.628598
0	0	0	0 NA	NA

6.41	8.03	6.77	8.47	-0.1026	0.646408
0	0	0.04	0 NA	NA	
0.31	0.06	0.65	0.3	-1.49017	0.006063
0.13	0.09	0.2	0.15	-0.09549	0.913145
42.02	40.85	37.62	38.22	-0.20511	0.134356
2.23	3.52	2.8	3.43	0.600323	0.0001
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.18	0.69	0.23	0.57	1.339204	0.027106
0	0	0	0 NA	NA	
147.35	128.46	145.01	150.5	-0.31093	0.000117
0	0.32	0	0 NA	NA	
0	0.04	0	0 NA	NA	
0.82	0.25	0.22	0.54	-1.20805	0.041775
19.37	14.84	16.92	16.56	-0.38746	0.000438
0.3	0.11	0	0.11	NA	NA
0	0	0	0 NA	NA	
0.16	0.21	0.14	0.38	0.701809	0.309839
0	0	0	0 NA	NA	
7.05	4.91	4.16	4.82	-0.40927	0.063773
0	0	0	0 NA	NA	
0.01	0	0	0.02	NA	NA
0	0	0	0 NA	NA	
6.36	5.16	5.29	6.5	0.157398	0.594876
0.9	0.29	0.41	0.42	-0.51744	0.480098
25.53	51.1	33.8	36.73	0.605243	2.76E-05
0	0	0	0 NA	NA	
4.49	3.08	3.89	2.79	-0.64768	0.000318
32.83	50.42	38.46	42.71	0.240076	0.125124
0.17	0.11	0.06	0.05	-1.39533	0.005464
0	0	0	0 NA	NA	
3.46	2.84	2.94	3.58	-0.08895	0.708805
14.48	16.46	14.33	12.71	0.118756	0.494819
8.54	25.91	17.79	22.26	1.304193	3.66E-17
2.29	1.07	1.19	1.52	-0.41309	0.107171
3.28	4.33	4.23	4.35	0.404267	0.031878
7.25	7.03	7.37	8.09	-0.04389	0.815643
7.69	10.43	8.45	9.34	0.580445	0.014947
0	0	0	0 NA	NA	
54.95	58.03	54.38	59.01	7.79E-05	0.999538
6.19	6.63	6.26	6.67	0.084514	0.79793
0	0	0	0 NA	NA	
1.18	0.85	1.24	1.5	-0.0917	0.850579
0.87	0.63	0.61	0.7	-0.14963	0.611421
6.34	4.47	4.63	4.84	-0.24016	0.333976

22.41	60.69	43.78	49.25	0.816025	4.12E-12
59.78	29.93	36.25	32.09	-0.79159	1.37E-24
0	0	0	0	NA	NA
0	1	0.36	0.21	NA	NA
0.01	0.01	0.01	0.01	NA	NA
0	0	0	0	NA	NA
3.54	2.93	4.15	4.47	-0.37054	0.083436
0	0	0	0	NA	NA
0	0	0	0	NA	NA
24.46	18.2	20.97	18.28	-0.20381	0.199779
14.01	20.6	16.84	19.1	0.233791	0.133659
0	0.36	0.28	0.38	1.821146	0.001228
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.81	1.82	2.54	3.07	-1.07012	9.06E-11
0	0	0.02	0.08	NA	NA
1.78	6.46	3.27	4.92	1.504272	1.62E-12
0.54	0.63	0.35	0.39	-0.10136	0.862538
26.11	20.99	22.96	16.39	-0.57257	7.98E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
118.13	75.87	117.81	104.5	-0.32052	0.020019
0.71	0.65	0.56	0.85	0.095656	0.870838
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.43	0.53	0.41	0.23	-0.33111	0.629953
0.12	0	0.04	0.04	NA	NA
40.71	44.83	39.87	44.3	0.016018	0.9065
0.11	0	0.04	0.17	NA	NA
1.08	1.13	1.05	1.36	-0.06045	0.9065
11.21	10	10.08	10.51	-0.27559	0.100388
9.16	13.07	13.23	15.39	0.464253	1.41E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0.05	NA	NA
0	0	0	0	NA	NA
3.57	6.37	4.77	7.23	0.528157	0.002003
2.61	0.22	0.5	0.26	-3.10062	2.56E-30
1.17	0.9	1	1	-0.39097	0.492561

0	0	0	0	NA	NA
7.56	5.81	6.1	5.07	-0.25559	0.210138
72.8	75.56	75.19	77.35	0.088482	0.382844
0	0	0	0	NA	NA
10.79	12.35	10.97	12.93	0.023939	0.923141
1.57	1.4	1.81	1.7	-0.05036	0.876454
1.64	4.13	3.09	1.63	0.112339	0.699372
2.34	1.65	1.53	0.85	-0.59465	0.080024
0	0.01	0.01	0.02	NA	NA
0	0	0.02	0	NA	NA
12.6	9.84	10.55	9.78	-0.37272	0.027671
10.92	7.41	8.51	7.37	-0.34529	0.027607
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.77	8.41	8.38	9.55	-0.11036	0.493654
0	0	0.02	0	NA	NA
0.58	0.18	0.9	0.36	-0.42775	0.482527
0.05	0.32	0.22	0.2	1.34202	0.025352
0.7	0.58	0.71	1.66	-0.25778	0.696062
44.71	20.43	27.97	22.21	-0.81269	1.38E-12
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.54	6.22	6.69	6.3	-0.15333	0.588768
0.26	0.13	0	0.2	NA	NA
3.45	4.52	2.57	2.42	-0.17786	0.509256
0	0	0	0	NA	NA
0.16	0.56	0.44	0.78	0.176108	0.819736
0.38	0.13	0.12	0.31	NA	NA
0	0	0	0	NA	NA
0.66	2.11	1.03	1.62	1.654889	6.18E-07
14.15	4.25	8	5.28	-1.35375	1.62E-14
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.01	0.01	0	NA	NA
0	0	0	0.02	NA	NA
64.26	65.63	57.16	62.74	-0.11942	0.186117
36.44	23.19	26.61	24.66	-0.62952	8.28E-11
3.07	20.97	14.16	18.06	2.358132	6.81E-65
0.11	0.42	0.41	0.12	0.037588	0.968828
0	0	0	0	NA	NA
9.45	12.82	14.26	13.75	0.460073	1.75E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA

0	0.33	0	0.23	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.33	1.2	1.25	0.95	-0.4114	0.210138
0	0	0	0	NA	NA
11.67	10.29	9.82	11.25	-8.95E-05	0.999538
1.05	0.8	1.27	1.34	-0.24216	0.614563
93.3	108.35	90.88	105	0.204822	0.011451
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0.21	0.39	0.24	0.37	0.723918	0.199324
0.14	0	0	0	NA	NA
0	0	0	0	NA	NA
1.15	1.08	1.07	1.18	-0.15592	0.489855
6.12	6.98	6.43	6.96	0.100049	0.428777
1.81	9.31	5.67	7.64	1.79845	3.98E-18
0.05	0	0.39	0	NA	NA
0	0	0	0	NA	NA
5.04	2.74	3.95	2.81	-0.90864	1.67E-06
7.46	7.81	8.37	7.44	0.09215	0.581631
0	0	0	0	NA	NA
0.03	0.03	0	0.02	NA	NA
7.16	3.42	5.42	4.57	-0.70347	0.00244
0	0	0	0	NA	NA
0.08	0.02	0.03	0.03	-0.92577	0.156506
0.08	0	0.02	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
19.27	17.05	15.38	16.15	-0.2201	0.025973
41.78	29.93	36.14	31.05	-0.30868	0.064708
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
5.43	2.94	3.45	2.05	-0.89516	0.000158
1	1.06	0.98	0.8	0.068229	0.904425
26.69	31.05	32.09	31.03	0.059432	0.634977
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.69	1.01	0.9	1.59	0.400028	0.275857
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.68	0.26	0.11	0.35	1.212089	0.035449
7.35	6.25	6.98	5.96	-0.13854	0.67569

13.41	6.11	7.2	7.98	-0.60264	0.00077
207.55	215.57	210.18	208.7	-0.02168	0.858181
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.35	5.47	5.92	4.85	0.275967	0.272316
0.18	0.06	0.02	0.2	-0.59795	0.369321
8.27	8.62	9.06	10.7	0.059498	0.683775
33.3	36.58	30.8	32.78	0.075615	0.683228
17.97	22.5	22.22	21.58	0.26685	0.018357
0	0	0	0	NA	NA
33.15	37.1	39.64	41.46	0.181948	0.109937
7.29	4.84	5.55	5.18	-0.52656	1.35E-05
36.88	41.11	43.1	39.54	0.06644	0.610442
5.68	7.86	6.7	4.64	-0.70363	0.00507
0.13	0	0	0.37	NA	NA
0	0.13	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.12	0.38	0.81	0.66	-1.26301	1.54E-05
16	19.02	18.96	21.36	0.343195	0.002005
1.24	1.15	1.4	1.17	-0.19568	0.574924
5.43	10.4	10.26	11.53	0.100988	0.738093
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
3.64	4.6	4.6	5.37	0.187748	0.355581
11.26	4.38	7.98	7.93	-0.47547	0.003599
0	0	0	0	NA	NA
0.9	0.57	1.04	1.01	0.348019	0.251165
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.98	6.4	6.21	7.4	0.053312	0.850579
0.56	0.3	0.79	0.85	-0.83099	0.074652
30.59	31.54	30.24	32.73	-0.00913	0.963466
0.12	0.02	0.16	0.09	-0.49977	0.487872
2	1.21	2.55	4.12	0.401708	0.125655
3.76	2.65	3.23	3.03	-0.24393	0.481064
1.06	1.58	1.2	1.41	0.174309	0.679028
37.24	37.58	37.52	35.29	-0.05363	0.748114
0	0	0	0	NA	NA
0.8	0.84	1.1	0.77	0.086064	0.803033
1.7	2.08	1.81	2.57	0.377815	0.319154
0	0	0	0	NA	NA
12.06	16.43	14.35	14.73	0.203431	0.204266

0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.12	14.2	13.47	14.34	0.069875	0.629904
4.46	3.4	4.22	3.93	-0.27975	0.187472
0	0	0	0	NA	NA
0.57	0.57	0.45	0.43	-0.18241	0.709378
2.1	1.88	1.87	2.29	-0.08531	0.746274
7.44	42.81	29.42	38.41	2.245285	2.05E-59
9.49	7.53	9.15	8.49	-0.34365	0.006322
0	0	0	0	NA	NA
0	0.1	0.03	0.21	NA	NA
12.69	13.95	16.22	16.97	0.257935	0.032618
0	0	0	0	NA	NA
0.06	0.04	0.04	0.01	NA	NA
0	0.04	0.04	0.08	NA	NA
39.5	58.19	50.18	55.51	0.357878	0.000771
0.04	0.12	0.4	0.98	0.999527	0.117996
9.65	8.01	9.1	9.81	-0.03043	0.895678
0.03	0.22	0.23	0.31	1.336449	0.01389
0	0	0	0.02	NA	NA
0.1	0	0.03	0	NA	NA
0	0.04	0	0	NA	NA
0.16	0.07	0.13	0.14	-0.17042	0.846415
0	0	0	0	NA	NA
15.66	17	20.25	18.73	0.459488	9.18E-07
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
6.55	8.85	7.35	7.86	0.150031	0.384205
227.31	170.42	223.97	195.85	-0.2176	0.060494
0.5	0.76	0.17	0.53	0.406018	0.545792
1.45	1.19	1.26	1.13	-0.53551	0.166291
0	0	0	0	NA	NA
17.49	13.29	12.41	14.48	-0.51581	3.11E-05
0	0	0	0	NA	NA
6.05	8.61	7.24	7.33	0.268907	0.111448
3.55	4.59	4.06	4.22	0.204144	0.20575
19.78	23.53	22.79	21.48	0.011955	0.945692
13.54	13.17	13.84	12.5	-0.03794	0.827131
7.18	6.02	5.94	5.52	0.140177	0.2567
0	0	0.12	0	NA	NA
0.13	0.15	0.12	0.15	-0.01608	0.986644
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
5.75	5.44	4.58	5.03	-0.55227	0.006973

4.77	4.83	4.08	4.75	0.03441	0.883671
51.93	89.84	66.9	84.27	0.687529	1.39E-09
0	0.02	0.02	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
19.09	21.22	26.93	20.65	0.085282	0.696368
16.89	12.41	13.15	12.84	-0.43505	2.14E-05
0	0	0	0	NA	NA
473.78	134.61	240.58	183.92	-1.34032	4.71E-08
0	0	0.02	0	NA	NA
0	0	0.02	0	NA	NA
29.82	59.27	54.85	58.79	0.656341	1.26E-15
3.06	3	3.28	3.51	-0.04029	0.83596
1.4	2.33	1.73	2.44	0.493298	0.096251
0	0	0	0	NA	NA
88.05	134.35	111.56	112.22	0.441166	1.23E-05
0	0	0	0	NA	NA
41.54	52.19	45.64	44.58	0.254992	0.010766
5.8	5.09	5.7	5.11	-0.23135	0.239433
0	0.04	0.02	0.02	NA	NA
11.83	12.11	13.36	12.36	0.093886	0.582234
0	0	0.02	0	NA	NA
1.94	1.32	2.07	1.8	0.286619	0.4894
3	3	2.72	3.29	-0.21573	0.311225
0.46	0.14	0.22	0.3	-0.80243	0.069351
9.52	34.61	16.18	30.06	1.058977	1.34E-08
0	0	0	0	NA	NA
1.68	1.27	0.91	1.12	-0.62346	0.248876
0	2.54	0.83	1.55	3.975438	2.99E-16
0.2	0.07	0.08	0.14	-1.16321	0.016536
0	0.17	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.32	1.27	1.06	1.14	0.003306	0.99012
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
5.68	7.8	6.96	6.91	0.055064	0.823653
0	0	0	0	NA	NA
1.37	0.45	1.43	0.79	0.21885	0.709206
6.86	4.63	2.8	4.11	-0.59488	0.011968

0	0.08	0.09	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
29.62	26.57	24.85	28.48	0.000508	0.997898
0	0	0.03	0.11	NA	NA
1.98	0.49	1.96	0.91	-0.91096	0.038526
11.57	11.97	13.26	11.93	0.067583	0.729758
9.92	11.85	12.18	11.97	0.353562	0.005035
7.94	9.71	7.88	8.15	0.603763	9.91E-06
0.19	0.06	0.16	0.17	-0.42705	0.540523
1.4	2.84	2.72	1.61	0.445592	0.191667
0.47	1.41	0.79	0.92	1.228451	3.22E-06
35.58	60.02	57.53	57.57	0.548926	7.22E-10
2.4	1.95	2.33	2.11	-0.06657	0.826324
0	0	0	0	NA	NA
8.65	3.56	4.52	5.9	-0.80619	2.84E-08
0	0	0	0	NA	NA
6.3	3.74	4.05	3.79	-0.94573	2.41E-09
0.46	0	0	0	NA	NA
6.47	6.99	5.92	5.75	-0.24691	0.212094
11.41	10.1	9.45	8.9	-0.05772	0.7737
2.43	4.54	3.79	5.14	0.387964	0.102125
12.25	6.51	8.68	7.67	-0.74444	3.16E-05
13.09	1.73	3.21	2.75	-2.14299	6.60E-32
0	0	0	0	NA	NA
0.54	0.6	0.54	0.46	-0.21437	0.606801
3.74	2.66	3.66	2.57	-0.00719	0.991239
1.9	0.58	0.58	1.35	0.228892	0.716967
0	0	0	0	NA	NA
3.92	3.49	4.51	3.75	0.00123	0.996533
0	0.03	0	0	NA	NA
51.23	60.91	58.16	57.45	0.194432	0.084844
0.02	0.02	0.02	0.02	-0.13455	0.878464
0	0	0	0	NA	NA
0.9	1.39	1.15	1.15	0.111754	0.808259
0	0.37	0.16	0.42	0.647021	0.360176
2.93	0.72	0.87	0.65	-2.16347	2.58E-18
9.57	12.78	12.35	13.92	0.184389	0.408245
1.16	1.03	1.4	2.04	0.412398	0.388167
20.15	6.63	13.08	10.51	-0.85629	0.020298
12.55	10.52	10.75	11.3	-0.23793	0.039228
8.19	10.36	10.1	13.06	0.321592	0.09643
2.65	1.21	2.11	1.46	-0.81177	0.003056
7.88	7.11	7.32	8.83	-0.07185	0.71938
0.01	0.05	0.06	0.05	0.523741	0.469767

0.12	0.08	0.11	0	NA	NA
1.51	0.92	1.03	1.02	0.147949	0.800294
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
11.2	3.74	3.59	4.41	-1.03372	1.35E-22
23.4	12.59	13.27	12.01	-0.74912	1.50E-12
0	0	0	0	NA	NA
2.43	1.01	1.48	1.11	-1.00791	3.07E-08
0.57	0.23	0.04	0.11	-1.63441	0.000857
76.44	25.33	43.78	35.26	-1.26389	3.57E-24
1.46	2.08	2.5	2.19	0.614198	0.000848
24.73	24.82	26.13	26.22	0.062507	0.558743
0	0	0	0	NA	NA
16.99	19.23	19.33	19.9	-0.00925	0.969266
0.06	0.14	0	0	NA	NA
19.45	19.53	21.22	18.11	0.021205	0.93072
0	0.02	0	0	NA	NA
2.68	1.29	1.11	0.89	-1.20444	0.001127
0.31	0	0	0	NA	NA
18.96	21.29	24.34	24.94	0.185137	0.103821
4.36	5.02	5.49	5.84	0.428981	0.000823
986.33	1290.58	1346.91	1323.01	0.311199	1.51E-05
46.42	58.38	49.56	49.46	0.18879	0.097708
42.8	53.76	46.18	52.12	0.180173	0.093028
0	0	0	0	NA	NA
32.27	15.51	34.04	26.58	-0.45111	0.279617
2.05	1.43	1.94	2.18	0.407964	0.133281
0	0	0	0	NA	NA
0	0.99	0.39	0.34	2.463232	7.26E-06
0	0.34	0.53	0	NA	NA
114.18	78.25	85.74	87.24	-0.36741	8.58E-06
20.62	26.53	22.87	22.73	0.159615	0.190246
0.34	0	0	0	NA	NA
8.77	6.66	6.49	6.23	0.216157	0.044273
0	0	0	0	NA	NA
1.43	0.95	1.63	1.47	0.095885	0.863595
0	0.15	0	0.02	NA	NA
0.03	0.06	0	0.02	NA	NA
0.04	0	0.05	0.09	NA	NA
1.86	2.4	1.8	2.16	0.061006	0.888518
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.65	3.78	3.27	4.13	-0.03211	0.909331
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.18	0.45	0.5	0.67	0.996058	0.036707
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
5.12	3.66	5.43	5.62	0.086097	0.828382
5.97	6.59	6.62	5.62	0.303969	0.064589
22.84	27.11	25.5	22.38	0.018309	0.922145
16.86	15.65	15.34	14.81	-0.24222	0.010468
28.11	24.77	26.73	26.38	-0.12144	0.257881
2.73	2.28	2.64	2.07	-0.10244	0.776484
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0.03	0 NA	NA	
0.15	0.25	0.24	0.1	0.096233	0.893692
16.93	3.41	6.61	10.73	-1.22457	0.005054
2.96	2.61	2.86	2.61	-0.10474	0.695686
0	0	0	0 NA	NA	
0.11	0.05	0.19	0.06	-0.63845	0.308741
4.73	4.75	3.75	3.01	-0.54033	0.008615
0	0	0	0.03 NA	NA	
0	0.01	0	0 NA	NA	
237.95	256.67	249.64	249.07	0.088033	0.358439
0	0	0	0 NA	NA	
2.49	4.99	4.79	5.82	0.434845	0.132392
16.72	15.05	14.1	15.3	-0.16146	0.188257
17.45	35.78	27.73	32.93	0.739429	1.44E-09
13.46	20.98	19.62	17.42	0.528908	0.001291
0	0	0.01	0 NA	NA	
17.35	12.58	11.61	14.25	-0.33384	0.004567
0.04	0.06	0.08	0.05	0.479655	0.515925
0	0	0	0 NA	NA	
0.03	0.02	0.02	0.02 NA	NA	
74.6	98.32	106.48	98.76	0.332934	2.68E-05
8.25	3.94	6.65	5.77	-0.51674	0.00071
0	0.15	0	0.32 NA	NA	
0.83	0.1	0.31	0.51 NA	NA	
1.58	3.33	2.98	3.37	1.071966	9.82E-05
0	0	0	0 NA	NA	
2.97	2.52	1.61	2.96	-0.44604	0.229517
0	0	0	0 NA	NA	
0.05	0	0	0.02 NA	NA	
17.6	2.03	3.26	3.18	-2.64313	7.48E-62
0	0	0	0 NA	NA	
16.19	12.77	15.97	17.5	-0.15075	0.440312
1.17	1.35	1.24	1.41	-0.0562	0.877665
0	0	0.02	0 NA	NA	

1.39	1.53	1.81	1.65	0.149852	0.639509
10.45	10.3	11.4	9.19	0.032452	0.872237
98.62	124.75	111.23	113.49	0.181054	0.061276
95.95	75.1	114.05	142.8	-0.14046	0.773434
0	0	0	0	NA	NA
0	0	0	0	NA	NA
330.05	264.79	314.12	287.72	-0.23106	0.008908
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.34	2.13	2.02	2.72	0.034433	0.937483
0	0	0	0	NA	NA
0.86	0.62	1.06	1.13	-0.24729	0.604302
0	0	0	0	NA	NA
70.32	12.58	21.89	16.41	-1.92507	1.09E-43
0	0	0	0	NA	NA
9.95	9.67	8.63	9.1	-0.07009	0.755219
2.26	3.87	3.2	4.84	0.748436	1.52E-06
0	0.06	0.04	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0	0	NA	NA
9.14	8.16	7.64	7.66	-0.10461	0.581917
1.81	6.49	4.54	5.98	1.42832	1.17E-12
3.96	6.03	6.38	6.65	0.586083	6.80E-09
0.43	0	0.05	0.11	-1.19117	0.054134
0	0	0	0	NA	NA
0	0	0.02	0.06	NA	NA
0	0	0.02	0.06	NA	NA
0	0	0	0	NA	NA
8.99	9.97	10.84	10.44	0.155486	0.181298
0	0	0	0	NA	NA
0.41	0.41	0.55	0.36	0.199404	0.779498
5.65	4.55	4.17	2.87	-0.63224	0.000961
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.62	2.38	2.98	1.67	0.058612	0.931326
1.17	0.26	0.12	0	-1.38769	0.015104
12.05	20.04	15.89	18.03	0.599585	7.28E-08
13.04	19.72	14.34	17.32	0.164323	0.142132
0	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
106.41	99.58	109.16	106.13	-0.05678	0.657413

2.88	1.96	1.74	2.28	-0.23046	0.436737
1.01	1.63	1.54	1.21	0.48416	0.100371
2.32	1.56	2.25	2.04	-0.37864	0.078808
0.54	0.42	0.72	0.74	-0.26536	0.541089
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.09	NA	NA
2.11	1.22	1.34	1.27	0.219246	0.625204
37.03	38.02	36.54	35.61	0.021212	0.886858
4.43	2.27	2.53	1.71	-0.84566	0.000249
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.19	4.95	4.35	4.36	0.517707	0.008965
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.59	3.67	3.34	2.89	-0.05193	0.884574
0	0	0.08	0	NA	NA
3.25	2.85	3.43	4.68	0.388787	0.167141
17.16	21.62	19.41	20.72	0.244735	0.007986
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.92	3.06	2.38	2.83	0.351331	0.090103
8.13	5.79	6.33	6.8	-0.16818	0.643182
0	0	0	0	NA	NA
12.32	11.55	11.51	10.63	-0.22946	0.128606
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.93	1.1	1.16	0.77	0.178609	0.809808
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.72	2.47	2.27	4.05	-0.57865	0.067777
0	0	0	0	NA	NA
7.84	10.94	10.84	13.44	0.307939	0.143634
0	0	0	0	NA	NA
7.16	6.5	6.54	7.47	0.032377	0.919443

45.07	48.14	56.4	57.06	0.024544	0.853534
43.81	35.3	39.88	36.36	-0.15164	0.260044
0.1	0.1	0.01	0.05	-0.46975	0.529724
10.46	17.05	14.46	14.55	0.520584	9.18E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.1	0	0	NA	NA
0	0.02	0.08	0.04	NA	NA
0	0.02	0.07	0.13	-0.05204	0.955966
0	0.06	0.05	0.06	NA	NA
0	0	0	0	NA	NA
0.49	0.14	0.71	0.74	-0.72654	0.197739
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.77	7.19	8.16	6.79	0.060249	0.830021
0	0	0	0	NA	NA
3.75	5.27	4.05	3.91	0.296796	0.394266
0	0.01	0	0.02	NA	NA
0	0	0	0	NA	NA
0.23	0.08	0.02	0.17	NA	NA
0	0	0	0	NA	NA
4.92	4.84	5.67	4.68	-0.1261	0.416211
0	0.08	0.01	0	NA	NA
0	0	0	0	NA	NA
2.09	1.71	3.04	1.5	-0.20277	0.55336
0.12	0.45	0.46	0.3	0.274584	0.677015
0.03	0.06	0.05	0.02	NA	NA
11.37	12.41	10.63	8.66	-0.23326	0.108967
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
37.3	34.1	36.28	31.07	-0.1169	0.324607
2.38	1.77	1.76	1.38	-0.23733	0.3792
0.5	0.39	0.44	0.35	-0.25683	0.673686
0	0	0	0	NA	NA
1.65	0.87	0.65	0.6	-1.24324	1.20E-05
7.09	8.1	7.32	9.34	0.038127	0.909236
5.28	5.18	7.2	7.35	-0.00493	0.99138
43.83	42.31	44.68	42.12	-0.05921	0.583545
0.02	0.06	0.06	0.02	NA	NA
0	0	0	0	NA	NA
1.95	1.52	2	2.22	-0.06609	0.888431
0.06	0.06	0.08	0.06	-0.1096	0.904425
0	0.01	0.03	0.04	NA	NA
348.24	929.59	595.21	772.56	1.072861	1.34E-17
15.96	11.3	10.86	10.05	-0.53814	2.28E-08

5.42	11.37	11.73	13.15	0.897925	7.95E-06
0.2	0.27	0.29	0.4	0.753253	0.175728
1.19	0.66	0.66	1.02	-0.70759	0.130577
0	0.06	0.02	0.02	NA	NA
0.04	0	0	0.02	NA	NA
3.62	3.24	2.96	2.93	-0.12863	0.496155
0.11	0.02	0.02	0	-1.38844	0.020582
0	0	0	0	NA	NA
13.45	16.01	18.56	16.21	-0.03613	0.894704
2.38	1.21	1.88	1.35	-0.50829	0.100619
0	0	0	0	NA	NA
2.71	1.56	1.57	1.57	-0.41719	0.197985
2.36	2.72	2.75	2.65	0.290846	0.201875
0	0.05	0.11	0.14	NA	NA
0.27	0.23	0.27	0.16	0.278174	0.735797
9.2	12.84	15.35	14.85	0.271727	0.008704
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.48	0.91	0.87	1.62	-0.51144	0.109659
6.44	5.71	5.75	4.86	-0.28698	0.061663
0.03	0.23	0.13	0.23	0.563714	0.426633
0	0	0.03	0.01	NA	NA
0.04	0.28	0.11	0.21	-0.01105	0.991973
0	0	0	0	NA	NA
0.05	0	0.02	0.04	NA	NA
0	0	0	0	NA	NA
1056.98	851.93	958.71	821.75	-0.27218	0.002902
3.59	2.75	2.25	2.83	-0.61744	0.001721
13.45	20.49	15.63	17.8	0.405761	0.001758
0	0	0	0	NA	NA
0	0.01	0.03	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
38.78	64.33	51.39	65.31	0.730147	6.91E-14
0.02	0	0.02	0	NA	NA
0.06	0.04	0.05	0.13	-0.46345	0.537833
0	0	0	0	NA	NA
1.3	1.72	1.73	1.78	0.153481	0.720014
24.45	24.44	24.04	25.09	-0.06295	0.687066
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA

41.06	49.71	49.88	46.86	0.26865	0.003319
2.87	1.22	1.56	1.34	-0.84195	0.005911
0.13	0.11	0.04	0.17	0.243556	0.772349
0	0	0	0.01	NA	NA
3.76	3.39	3.83	3.5	-0.02967	0.912329
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0.08	0.04	-0.17431	0.842381
12.42	14.49	11.65	13.85	0.18854	0.093545
5.43	3.91	3.24	3.73	-0.66081	0.000861
0	0	0	0	NA	NA
7.83	7.3	7.58	8.11	-0.08731	0.543203
16.07	61.76	40.44	46.8	1.464208	3.62E-21
0	0	0	0	NA	NA
0	0	0	0	NA	NA
42.72	51.58	57.93	53.16	0.318203	9.91E-05
29.62	38.82	40.92	38.31	0.235374	0.017534
0	0	0	0	NA	NA
0	0.21	0.14	0.16	0.111014	0.903611
2.33	0.93	1.39	1.43	-0.68451	0.035721
11.75	8.82	8.06	6.96	-0.5067	0.001107
0.02	0.02	0.01	0.02	-0.86941	0.189213
40.49	35.84	33.46	30.39	-0.33263	7.75E-05
0.29	0.32	0.46	0.39	-0.10201	0.837232
0.2	0.64	0.8	0.99	1.588116	0.00121
0	0	0	0	NA	NA
0.05	0.03	0.05	0.06	0.10994	0.904541
0.19	0.22	0.1	0.29	NA	NA
1.27	0.34	0.6	0.84	-0.93419	0.021552
21.19	34.21	27.05	30.86	0.522274	2.89E-07
7.9	9.05	7.19	7.3	-0.13269	0.596633
2.4	3.21	2.33	3.06	0.355366	0.116174
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.29	0.47	0.13	0.652609	0.273879
1.79	1.51	1.62	1.51	-0.42314	0.016482
0.66	0.4	0.28	0.24	-0.2484	0.761728
0	0	0.04	0.03	NA	NA
0	0.02	0.01	0	NA	NA
0.44	0.17	0.14	0.26	-0.55243	0.442884
12.97	20.02	17.9	22.38	0.491508	5.98E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.08	0	0	NA	NA

0.32	0.06	0.27	0.03	-1.2031	0.047491
0	0	0	0	NA	NA
0.82	0.54	0.59	0.54	-0.20218	0.645505
0	0	0	0.02	NA	NA
5.56	4.81	5.4	5.82	0.050257	0.902067
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.42	2.56	4.1	2.8	0.111564	0.766172
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.85	1.36	1.12	1.52	0.381378	0.30594
0	0	0	0	NA	NA
9.64	11.54	10.22	10.04	0.02209	0.90702
14.54	11.18	11.49	12.08	-0.39313	0.000453
18.59	19.26	18.85	19.7	-0.02105	0.88186
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.17	0.06	0.18	NA	NA
12.27	17.04	13.88	14.07	0.243153	0.059274
0	0	0.08	0	NA	NA
0	0.11	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
3.84	7.8	4.45	7.31	0.610153	0.00868
0	0	0	0	NA	NA
0.44	0.28	0.67	0.35	-0.28164	0.654615
27.03	26.42	23.03	25.67	-0.24666	0.011448
0	0	0	0	NA	NA
0.67	0.19	0.2	0.22	-1.23256	0.004522
0	0.02	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.27	2.38	2.28	1.36	-0.0382	0.939731
0.12	0.63	0.94	1.08	0.716246	0.266502
0	0	0	0	NA	NA
0	0	0.02	0.05	NA	NA
3.25	0.7	1.17	1.33	-1.43865	5.77E-08
20.5	12.29	12.35	14.22	-0.37258	0.000849
0	0	0	0	NA	NA
0.04	0.03	0.03	0.19	NA	NA
29.88	24.32	31.24	29.71	-0.13784	0.413097
0	0.03	0.2	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.03	8.01	5.72	6.23	0.063777	0.689697
0.3	0.51	0.44	0.56	-0.3063	0.690428
0	0.2	0.04	0.49	-0.01329	0.989999
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0	0	0.15	NA	NA
0.69	0.45	0.86	0.46	-0.12366	0.821129
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.23	0.34	0.13	0.195012	0.821682
0.48	0.18	0.39	0.32	-0.31184	0.651547
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.32	0.15	0.03	-0.27365	0.739084
0.13	0.01	0.08	0	NA	NA
0	0	0	0	NA	NA
10.68	10.44	9.83	10.53	0.142067	0.634977
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0.03	NA	NA
5.98	6.23	6.57	6.34	-0.03609	0.911864
38	49.64	46.9	46.27	0.238844	0.048138
0	0	0	0	NA	NA
0.02	0.02	0.02	0	NA	NA
0.01	0.02	0.06	0.03	NA	NA
30.7	25.92	27.61	29.27	-0.1916	0.023988
0	0	0.04	0	NA	NA
0	0	0	0	NA	NA
13.27	9.05	11.39	8.59	-0.56	9.96E-06
0.45	1.5	0.69	0.76	1.133905	0.061057
2.84	4.19	4.39	3.95	0.412457	0.008101
2.87	1.73	1.84	0.86	-0.66844	0.00507
0	0	0	0	NA	NA
0.19	0	0.53	0.03	NA	NA
248.9	238.05	259.1	234.39	-0.03474	0.780521

0	0	0	0	NA	NA
12.59	15.89	17.2	14.2	0.358343	0.125013
0	0	0.02	0.01	NA	NA
0	0	0.01	0	NA	NA
314.18	246.2	275.99	267.7	-0.21205	0.019123
0	0.07	0.03	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0.02	0	NA	NA
28.06	40.3	36.17	40.78	0.304573	0.004195
0.05	0.21	0.02	0.27	0.342364	0.658918
4.42	4.35	4.21	4.34	0.104041	0.619536
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.78	9.73	8.76	11.37	0.721073	0.038495
1.83	0.63	1.6	2.04	-0.12881	0.750753
10.6	10.7	10.49	10.16	0.057714	0.715194
0	0	0	0	NA	NA
5.88	31.13	18.26	23.47	1.309136	1.87E-06
40.53	5.62	9.2	8.79	-2.11993	4.87E-10
0	0	0	0	NA	NA
0.03	0	0	0.05	NA	NA
60.97	65.7	61.47	61.76	0.236089	0.012213
0	0	0	0	NA	NA
17.63	8.35	9.1	10.27	-0.99663	1.29E-23
7.85	4.82	5.4	4.3	-0.84996	6.56E-20
0	0	0	0	NA	NA
9.04	19.1	19.58	10.99	0.116163	0.839676
16.93	3.79	4.93	4.1	-2.00758	1.53E-59
4.1	5.26	4.82	3.33	-0.13629	0.486797
0	0	0	0	NA	NA
0.26	0.35	0.3	0.32	-0.19412	0.811617
8.65	7.78	7.94	8.8	-0.14117	0.434042
0.06	0.28	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0.1	0	NA	NA
2.81	2.31	1.56	2.22	-0.49879	0.048536
0.76	1.03	1.25	0.75	0.210808	0.554834
1.42	1.68	1.52	1.49	0.024983	0.936914
0.04	1.21	0.89	1.84	3.004837	6.75E-16

0	0	0	0	NA	NA
33.84	38.38	33.25	33.98	-0.00844	0.957955
0	0	0	0	NA	NA
0	0	0.04	0.02	NA	NA
0	0	0	0	NA	NA
3.99	68.47	43.24	59.6	3.460533	1.48E-97
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0.1	0.05	NA	NA
0.35	1.06	1.05	0.92	0.573183	0.303435
49.21	20.35	27.53	27.23	-0.97385	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
362.49	570.72	582.79	562.3	0.642546	2.63E-19
0	0	0	0	NA	NA
5.25	5.92	6.95	5.34	0.360704	0.08913
0	0	0	0	NA	NA
9.43	8.58	9.59	8.22	-0.17375	0.320291
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.9	7.02	7.91	7.84	-0.28987	0.016109
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0.05	0	0	NA	NA
0.24	0.04	0.18	0.07	-0.59385	0.368664
0.37	0.01	0.18	0.16	-1.76328	0.001408
23.11	27.95	24.17	28.4	0.208275	0.052219
1.94	2.88	2.68	1.23	0.459589	0.506442
0	0	0	0	NA	NA
1.58	1.31	1.24	1.18	-0.23219	0.553338
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	2.33	1.79	2.21	1.903883	8.42E-08
0	0	0	0	NA	NA
0	0.02	0.04	0.06	NA	NA
0	0	0	0	NA	NA
11.99	21.7	16.64	16.93	0.549713	0.000301
3.12	2.32	2.73	2.92	-0.25215	0.075163
5.72	5.35	7.27	6.84	0.190953	0.284819
13.34	26.1	28.11	41.09	0.936699	3.34E-06
5.18	4.8	5.81	4.17	-0.34502	0.131408
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.16	0.56	0.33	0.55 0.575021	0.426694
3	3.2	2.58	3.05 -0.00754	0.986402
2.95	2.35	2.39	2.44 -0.18909	0.515685
0.34	0.13	0.19	0.2 -1.24435	0.007518
13.83	14.72	15.31	13.15 -0.15334	0.461833
0.72	11.11	5.18	7.71 2.201029	1.04E-06
0.06	0	0.08	0.09 NA	NA
3.35	3.01	2.84	2.59 -0.19236	0.511575
0	0	0	4.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.09	0.02 NA	NA
2.02	5.18	3.5	3.92 0.882183	1.11E-06
2.42	14.88	8.47	12.65 2.36716	5.53E-38
0	0	0.04	0 NA	NA
0.06	0.12	0.03	0.09 NA	NA
10.71	9.67	9.64	9.27 -0.18956	0.191489
0.07	0.78	0.67	0.69 1.727479	0.00296
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.73	0.26	0.9	0.2 0.041833	0.954093
0	0	0	0 NA	NA
18.11	19.32	21.83	19.76 0.084919	0.610533
0	0	0	0 NA	NA
0.36	0.28	0.4	0.52 0.225424	0.682774
9.73	7.84	6.25	6.03 -0.61018	1.61E-08
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0.09	0.08	0.06	0.03 NA	NA
0	0	0	0 NA	NA
64.72	50.65	65.72	53.07 -0.35819	2.70E-05
6.65	6.42	6.42	8.29 -0.06414	0.793806
1.09	1.6	0.81	2.01 0.24313	0.615024
12.58	15.72	12.18	14.6 0.310944	0.029948
0	0	0	0 NA	NA
0.3	0.03	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.38	0.12	0.33 0.797929	0.237129
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.04	NA	NA
0.08	0	0	0	NA	NA
22	24.22	22.29	24.63	0.067937	0.660533
0	0	0	0	NA	NA
1.56	1.23	0.77	0.57	-0.35591	0.316076
0	0	0	0	NA	NA
1.37	1.45	1.09	1.38	-0.0714	0.814711
0.27	0.28	0.37	0.22	-0.66196	0.178479
20.13	6.19	10	8.51	-1.34539	5.77E-19
0.96	2.11	2.34	2.41	0.764578	0.007154
0	0	0	0	NA	NA
0.3	0.03	0.24	0.03	-1.02404	0.106817
0	0	0	0	NA	NA
1.05	1.15	0.83	0.86	0.040855	0.938515
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.43	2.66	1.49	1.56	-0.21754	0.636702
0	0	0	0	NA	NA
7.83	10.99	7.55	10.05	0.349858	0.257974
47.26	39.61	46.41	42.72	-0.24068	0.037635
52.9	48.12	46.68	45.47	-0.34598	0.00205
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.77	1.9	1.76	2.07	0.154683	0.656671
0	0	0	0	NA	NA
3.38	4.02	4.25	3.66	0.102525	0.601205
0.03	0	0.04	0	-1.07934	0.076512
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0.04	0.04	0.05	0.05	NA	NA
0	0.01	0.01	0.02	NA	NA
0.03	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.46	0.07	0.25	0.17	0.082214	0.92437
0.04	0.14	0.11	0.18	-0.52919	0.467533
0.06	0.07	0	0.03	NA	NA
3.7	1.94	2.88	1.99	-0.47836	0.081061

0	0	0	0	NA	NA
4.33	4.9	5.72	4.88	-0.02988	0.923907
32.72	29.98	32.94	30.5	-0.2029	0.040732
10.44	1.04	2.28	1.67	-2.49742	4.49E-11
0.64	17.83	7.03	13.86	3.51842	1.49E-19
0	0	0	0.19	NA	NA
4.7	8.23	10.8	7.93	0.552377	0.00223
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0.01	0.02	NA	NA
0.21	0.17	0.31	0.44	0.307325	0.680219
0.26	0.44	0.28	0.52	-0.479	0.421345
0	0	0	0	NA	NA
1.38	1.05	1.01	0.73	-0.65401	0.099138
0.03	0.07	0.06	0.04	NA	NA
0	0	0	0.06	NA	NA
0.06	0.03	0.1	0.05	NA	NA
0.57	0.28	0.14	0.04	-0.0052	0.996111
6.18	9.13	8.35	9.45	0.131759	0.586452
0.69	1.4	1.46	1.31	0.482227	0.203642
16.3	15.8	14.13	11.55	-0.36946	0.075696
0	0	0	0	NA	NA
2.71	3	3.07	3.15	0.319619	0.405324
5.63	6.6	6.88	7.05	0.303803	0.363059
11.33	13.47	11.95	12.29	0.072231	0.608824
7.52	9	10.39	8.91	0.098799	0.621973
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
1.1	0.84	1.28	0.73	0.034574	0.947698
0	0	0	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0.01	NA	NA
16.88	16.09	13.68	13.41	-0.28704	0.016661
0	0	0.03	0	NA	NA
0.07	0	0.19	0.1	-0.12334	0.890238
0	0.05	0.02	0	NA	NA
1.57	2.42	2.87	2.41	0.863912	0.00593
0.05	0.2	0.16	0.29	0.998462	0.083097
7.6	10.27	10.26	9.86	0.183205	0.114365
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
6.65	5.6	4.62	4.76	-0.26524	0.224012
0.43	0.28	0.49	0.27	-0.73069	0.231843

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.13	0.16	0.18	-0.41964	0.539415
5.32	4.15	4.36	4.72	-0.32099	0.051241
0	0	0	0	NA	NA
0.07	0.05	0.13	0.1	NA	NA
14.83	12.45	11.97	11.08	-0.36661	0.003288
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.99	1.91	2.86	2.19	-0.23813	0.211277
0	0	0	0	NA	NA
63.88	74.73	65.87	82.75	0.124302	0.294781
3.46	3.68	4.12	3.62	0.605057	4.41E-06
0	0	0	0	NA	NA
0.08	0.03	0.15	0	NA	NA
0.55	0.67	0.88	0.68	0.107678	0.81989
1.98	1.41	1.72	1.92	-0.29025	0.347577
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
1.05	2.39	2.75	2.38	0.421289	0.011277
2.42	3.52	3.54	3.11	0.049577	0.89894
84.43	67.85	82.57	68.47	-0.32806	0.015249
5.34	2.03	3.32	2.36	-0.6464	0.006546
0.51	0.49	0.61	0.69	-0.43048	0.356772
2.47	3.79	2.81	3.94	0.468647	0.005219
5.3	5.32	4.23	4.84	-0.19591	0.213654
0	0	0	0	NA	NA
4.47	5.53	5.07	2.42	-0.19445	0.690219
0.34	0.28	0.43	0.45	-0.29252	0.50294
65.37	94.37	87.74	89.69	0.386943	4.43E-06
4.47	7.1	7.07	5.79	0.091717	0.760967
9.74	16.45	12.22	15.1	0.356668	0.034715
81.39	76.03	81.58	68.53	-0.20009	0.167331
18.76	0.37	3.45	1.55	-1.99044	0.00031
0	0	0	0	NA	NA
2.7	0.39	0.97	1.37	-1.22985	0.001375
0	0	0	0	NA	NA
0.08	0.08	0.13	0.21	-0.13951	0.873469
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.61	1.77	2.5	2.94	-0.18435	0.500625
2.05	2.64	1.86	2.06	0.051652	0.93072
0	0	0	0	NA	NA
2.83	3.56	2.77	2.51	-0.07756	0.842277
0	0.03	0.06	0.02	NA	NA

0	0	0	0.03	NA	NA
1.81	0.73	1.25	0.76	-1.42395	4.53E-09
50.49	38.19	38.96	49.52	-0.4084	0.001134
0	0	0	0	NA	NA
3.63	3.13	3.24	2.32	-0.22576	0.324139
0.72	0	0.14	0.03	-0.83489	0.212102
7.44	6.91	6.68	6.18	-0.19189	0.367443
0	0.02	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0	0.21	0.18	-0.10867	0.90498
0	0	0	0	NA	NA
7.29	8.96	8.86	8.09	0.359822	0.025847
26.89	23.59	23.72	21.13	-0.11452	0.53524
6.14	9.25	7.53	7.88	0.278167	0.04862
0	0.07	0	0	NA	NA
1.03	0.68	0.67	0.52	-0.35037	0.524726
1.38	1.49	1.55	0.3	-0.52909	0.341485
0	0	0	0	NA	NA
0.14	0.34	0.28	0.16	0.630601	0.366842
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.05	0.04	0.04	-0.61955	0.352446
0	0	0	0	NA	NA
0.4	0.16	0.38	0.51	-0.10177	0.902699
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.29	0.2	0.31	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0.47	0.86	0.26	-0.0271	0.975638
0	0	0	0	NA	NA
5.38	6.12	5.55	5.9	0.141312	0.346916
0	0	0.03	0.03	NA	NA
5.5	5.61	5.75	5.1	0.131172	0.574473
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0.05	0	0	0	NA	NA
0.19	0	0	0	NA	NA
0	0	0	0	NA	NA
25.42	14.47	16.84	16.17	-0.71392	4.12E-12
8.88	11.01	10.14	9.43	0.177371	0.376472

0	0.11	0.09	0.03	NA	NA
0	0.02	0	0	NA	NA
6.21	5.09	4.88	4.98	-0.22014	0.244854
0.23	0.25	0.1	0.08	0.098636	0.916338
0	0.41	0.1	0.16	1.595143	0.005807
0	0.45	0.25	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.06	0.04	0.02	NA	NA
4.94	10.3	8.03	9.25	0.834103	2.04E-11
0	0	0	0	NA	NA
0	0	0	0	NA	NA
35.42	29.88	32.94	31.35	-0.10709	0.363946
0	0	0	0	NA	NA
2.29	2.85	1.97	2.08	0.179594	0.630964
5.88	7.38	8.28	7.09	0.057643	0.787231
53.54	60.11	54.73	58.59	0.10095	0.297545
0	0	0	0	NA	NA
2.77	2	2.35	2.45	-0.40673	0.00518
4.53	6.15	3.99	5.64	0.039156	0.898718
0	0.03	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.19	0	0.12	0.992825	0.080255
0	0	0	0.07	NA	NA
1.54	1.43	1.78	1.74	0.224408	0.491481
10.32	8.33	7.59	10.7	-0.276	0.220582
35.54	21.61	26.65	24.15	-0.56344	1.74E-07
2.25	1	0.73	0.95	-0.46924	0.369688
0.29	0.95	0.69	1.26	0.860099	0.009167
165.98	153.3	174.71	164.04	-0.02919	0.832062
0.45	1.33	0.77	1.02	1.301885	0.001851
0	0.04	0	0	NA	NA
0	0	0.24	0	NA	NA
2.96	0.76	1.41	1.63	-1.00321	0.038766
0.44	0.56	0.06	0.47	-0.89278	0.112888
13.56	22.73	18.99	23.22	0.575193	9.99E-09
22.1	11.57	13.62	13.34	-0.8576	6.59E-20
116.26	181.76	161.78	162.73	0.3725	0.000103
0	0	0	0	NA	NA
8.48	10.84	9.79	9.88	0.207352	0.068885
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.06	0.27	0.55	1.25	-0.35573	0.597303

0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0.17	0.19	0.36	-0.8144	0.206679
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
20.97	19.52	21.62	20.87	-0.00483	0.981184
3.83	4.53	2.81	4.69	0.036655	0.929109
0.56	0.84	0.69	0.49	-1.27151	0.00298
35.72	25.01	28.57	27	-0.33112	0.004359
0	0.06	0	0	NA	NA
0.02	0.02	0.1	0	-0.39832	0.597478
0	0	0	0	NA	NA
22.55	22.92	23.24	24.74	-0.02447	0.867696
0.35	0.3	0.46	0.45	-0.10462	0.871984
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
27.57	25.94	23.42	28.86	0.102324	0.524726
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
1.12	2.09	1.24	0.95	-0.23738	0.597269
6.37	5.94	5.07	5.83	0.314508	0.018689
1.35	1.13	1.3	1.71	-0.28846	0.427292
25.73	23.2	18.72	20.03	0.23212	0.159635
0.52	0.2	0.49	0.37	-0.7035	0.203888
0	0	0	0	NA	NA
3.16	4.85	3.9	4.57	0.415404	0.064871
0.08	0.6	0.03	0.05	-0.01829	0.986207
0.11	0.5	0.38	0.38	1.131937	0.037085
0	0	0	0	NA	NA
1.85	5.77	4.28	4.61	1.482695	1.61E-17
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.07	0.05	0.01	-0.54482	0.457266
0	0	0	0	NA	NA
2.81	0.06	0.11	0.08	-4.74093	2.16E-73
0	0	0	0	NA	NA
5.27	5.45	4.03	4.06	-0.2084	0.304749
3.22	4.73	4.87	5.89	0.372022	0.002351
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.03	2.88	2.93	2.89	-0.12842	0.571464

10.34	6.71	7.09	6.56	-0.54276	2.10E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.19	0.4	0.56	0.96	-0.92715	0.046876
1.28	0.45	0.95	0.39	0.236146	0.765104
0.13	0.05	0.07	0.14	-0.28019	0.71577
0.94	1.34	0.89	0.98	0.095338	0.862841
1.28	0.95	0.89	1.08	-0.31005	0.182838
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
551.89	485.34	545.82	491.52	-0.17886	0.0357
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.55	0.58	0.64	0.457229	0.327886
2.32	0.28	1.04	0.74	-0.95743	0.012444
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.1	2.77	3.27	2.81	0.022344	0.946459
0	0	0	0	NA	NA
0	0	0	0	NA	NA
39.66	36.61	39.01	40.08	-0.06971	0.563182
0.06	0.04	0.11	0.12	0.249542	0.756208
2.7	2.54	2.32	2.65	-0.14558	0.36572
0	0	0	0	NA	NA
0	0.11	0.18	0.11	1.175265	0.042303
0.06	0.33	0.41	0.48	1.71998	0.000315
4.19	5.25	4.07	4	0.259562	0.216875
1.26	0.41	0.62	0.47	-1.29224	2.82E-10
0	0	0	0	NA	NA
25.15	18.72	21.39	20.12	-0.31731	0.018238
0	0.13	0.12	0	NA	NA
18.84	20.45	20.04	20.2	0.021204	0.90752
0.53	0.26	0.29	0.35	-0.73062	0.17392
0	0	0	0	NA	NA
20.03	29.12	24.88	26.84	0.336518	0.001194
0.15	0.12	0.02	0.08	-0.1932	0.823312
0	0	0	0	NA	NA
0	2.82	0.77	1.06	1.742359	0.002729
22.45	21.87	21.56	24.56	-0.00864	0.958008
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	0.31	0.19	0.15	-0.11776	0.874689

6.3	6.28	6.49	7.1	0.055435	0.706426
0	0.05	0.05	0.05	NA	NA
6.37	8.58	6.86	8.18	0.246971	0.093502
35.97	49.66	44.37	46.91	0.344242	0.00097
0	0	0	0	NA	NA
1.56	1	1.44	1.09	-0.78113	0.004879
0	0	0	0	NA	NA
0.08	0.14	0.1	0.09	-0.37582	0.621191
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.15	2.21	2.58	2.36	-0.38959	0.13018
68.92	62.62	56.63	54.2	-0.48794	2.57E-08
0.12	0.18	0.45	0.18	0.009218	0.99316
6.5	4.44	6.72	6.17	-0.23301	0.440153
6.37	5.84	5.26	4.13	-0.16142	0.539685
0	0.05	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0.22	0.1	0.71704	0.268074
0	0.11	0	0.03	NA	NA
1.37	0.29	1.01	0.7	-1.06588	0.040317
39.45	62.92	55.5	62.41	0.581008	6.38E-11
0	0	0	0	NA	NA
41.22	35.95	40.52	40.35	-0.17914	0.112381
0	0	0	0	NA	NA
20.29	27.11	29.91	27.2	0.180232	0.274629
5.05	7.46	7.79	8.44	0.555802	4.53E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
60.79	56.8	58.51	61.37	0.017506	0.896737
0	0	0	0	NA	NA
0	0.03	0	0.04	NA	NA
5.9	5.57	6.1	6.79	-0.17209	0.367866
0.36	0.51	0.59	0.7	0.986427	0.017818
0	0	0	0	NA	NA
34.02	19.71	21.96	17.32	-1.01556	4.92E-11
0	0	0	0	NA	NA
1.59	2.61	1.83	2.35	0.430182	0.218124
4.06	2.67	3.39	3.33	-0.71614	0.018879
0.02	0	0	0	NA	NA
0.14	0.13	0.11	0.12	0.316074	0.681006
0.97	0.92	0.94	0.39	-0.28924	0.598635
0	0	0	0	NA	NA
0.46	0.26	0.11	0.11	-0.12898	0.886342
0	0	0	0	NA	NA

0.49	0.2	0.39	0.27	-0.22397	0.669946
26.32	21.56	25.66	23.97	-0.3225	0.037338
2.83	2.27	1.97	1.17	-0.31098	0.275437
0	0	0.01	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
175.3	216.89	216.91	204.04	0.323841	0.000214
5.65	6.92	7.87	8.39	0.14411	0.336699
0	0	0	0	NA	NA
0	0	0	0	NA	NA
43.66	7.5	15.98	12.25	-1.79645	4.29E-09
0.06	0	0	0	NA	NA
2.62	2.63	2.54	1.87	-0.12922	0.715789
0.58	0.24	0.29	0.21	-0.8488	0.020881
0	0.07	0.06	0.09	NA	NA
0.63	0.41	0.41	0.38	-0.94968	0.005721
0	0	0.1	0.01	NA	NA
13.37	21.44	21.27	22.7	0.500966	9.87E-06
2.26	2.77	2.39	1.97	0.053953	0.878681
0	0	0	0.08	NA	NA
0.02	0.02	0.02	0	NA	NA
0	0	0	0	NA	NA
18.59	17.92	17.93	18.04	-0.11708	0.295974
0	0.1	0	0	NA	NA
0	0	0	0	NA	NA
30.97	28.83	25.3	26.76	-0.05345	0.729065
0.26	0.25	0.23	0.18	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.14	0.05	0	NA	NA
0	0	0	0.16	NA	NA
0	0	0	0	NA	NA
2.21	1.89	1.88	1.81	-0.28568	0.21869
0	0	0	0	NA	NA
7.97	7.29	7.62	8.46	-0.31147	0.023651
4.26	4.71	4.51	4.36	0.297131	0.125683
0	0.05	0	0	NA	NA
4.58	3.87	3.77	4.17	0.020377	0.929724
23.97	20.25	21.29	22.01	-0.15647	0.253093
0	0	0	0	NA	NA
0	0	0	0.17	NA	NA
1.02	0.97	1.25	1.41	0.161943	0.715789
0.23	0.35	0.24	0.41	0.26883	0.744608
7.9	17.61	12.98	14.59	0.999875	5.68E-16
27.79	30.67	28.62	30.44	0.058578	0.60429

0.27	0.13	0.25	0.28	NA	NA
0	0	0	0	NA	NA
0.31	0.04	0.06	0.16	-1.07541	0.020952
0	0	0	0	NA	NA
2.48	3.15	1.46	1.67	-0.25046	0.429301
0.11	0.16	0.07	0.09	NA	NA
0.57	0.93	1.16	1.29	0.356222	0.468465
4.57	4.91	4.69	5	0.084513	0.702822
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
9.4	13.24	11.78	11.88	0.16554	0.453196
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.06	0.18	0.18	0.189948	0.826744
110.81	125.44	125.78	121.7	0.185375	0.069924
9.49	1.01	2.64	1.83	-1.59813	1.55E-06
1.76	0.78	0.91	1.07	-1.16859	3.27E-06
0.09	0.08	0.06	0.08	NA	NA
0.01	0.09	0.04	0.05	0.05365	0.953698
0.21	0.31	0.71	1.01	0.727693	0.273707
0	0	0	0	NA	NA
0	0.05	0.17	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0.09	0.4	0.06	-0.60331	0.382223
26.03	31.05	32.67	32.21	0.347139	0.003165
0.37	0.07	0.05	0.18	0.422194	0.574843
0.51	0.64	0.4	1.25	-0.14039	0.853656
7.48	6.83	8.98	9.91	0.365471	0.010007
0	0	0	0	NA	NA
0	0.11	0.01	0.42	1.949198	0.000638
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.15	0.16	0.24	0.33	0.425489	0.574924
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.15	2.24	2.4	2.65	0.836265	0.020243
0	0	0	0	NA	NA
2.38	1.17	1.18	1.49	-0.01504	0.975069
0	0.18	0	0	NA	NA
0	0	0	0	NA	NA

4.27	3.43	3.23	4	-0.24932	0.172666
4.44	3.66	4.45	4.43	0.201511	0.57884
0	0	0	0	NA	NA
7.55	9.59	11.17	10.71	0.241526	0.088238
0	0	0	0	NA	NA
0.16	0	0.04	0.08	NA	NA
0	0	0	0	NA	NA
22.34	6.07	8.05	7.53	-1.8633	9.19E-35
171.27	55.66	82.11	76.85	-1.24852	1.38E-24
67.99	36.05	40.81	43.45	-0.85964	1.21E-19
0	0	0	0	NA	NA
4.17	3.99	4.61	4.63	-0.1205	0.626891
7.46	7.05	6.2	6.56	0.115365	0.643327
2.84	2.32	2.42	2.36	-0.35788	0.158567
347.62	288.77	337.6	298.29	-0.18916	0.078205
1.61	2.14	0.82	1.07	-0.54638	0.058108
0	0	0	0	NA	NA
3.39	0.69	1.58	1.1	-1.61633	4.99E-07
0	0	0	0.06	NA	NA
0.07	0.08	0.13	0.16	-0.13749	0.845257
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0.02	0.05	0.22	0.09	0.445038	0.541089
6.97	4.43	3.89	5.15	-0.11687	0.521573
9.48	10.91	10.65	11.31	0.248763	0.058316
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.77	10.28	10.08	9.36	-0.19883	0.178292
0	0	0	0	NA	NA
0.25	0.23	0.1	0.16	-1.00697	0.060572
2.45	1.32	1.14	1	-1.1047	0.003621
20.92	21.8	20.65	23.97	0.01057	0.947581
9.48	6.88	8.54	7.95	-0.23225	0.172395
6.37	4.28	4.09	4.34	-0.35959	0.157152
0.67	0.59	0.4	0.57	-0.36029	0.351985
0.02	0.16	0.05	0.06	NA	NA
6.74	4.52	6.16	4.71	-0.09332	0.678117
0	0	0.01	0.01	NA	NA
0.37	0.95	0.43	1.18	0.043164	0.946061
0	0	0	0	NA	NA
2.34	2.57	2.59	2.96	0.141482	0.529852
0	0	0	0	NA	NA
343.56	298.54	307.71	312.07	-0.23281	0.000809
2.03	2.43	2.9	2.95	0.302951	0.050913
36.2	38.66	39.2	41.93	0.056888	0.611992

5.29	3.64	4.4	4.74	-0.11515	0.582085
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.01	0.87	0.82	0.63	-0.18559	0.603991
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1160.6	898.2	994.65	880.7	-0.28085	0.001747
3.15	1.41	1.72	1.95	-0.51288	0.017054
0	0	0	0	NA	NA
4.61	3.29	3.31	3.08	-0.52289	0.044685
2.11	0.95	2.81	1.93	-0.15264	0.692251
0	0	0	0	NA	NA
9.39	2.3	1.88	4.58	-1.33065	0.003403
8.38	8.86	8.88	9.02	0.128438	0.537416
0	0	0	0	NA	NA
2.52	4.52	3.57	4.09	0.086828	0.810283
0	0	0	0	NA	NA
12.18	12.55	12.43	13.53	0.231141	0.197787
25.72	17.33	20.41	20.87	-0.44465	0.001379
0.16	0.11	0.07	0.06	0.341572	0.667664
0	0	0	0	NA	NA
0	0	0	0	NA	NA
58.45	44.2	46.28	46.75	-0.43727	3.97E-09
10.8	8.8	8.45	7.5	0.111872	0.740584
8.67	10	9.81	11.35	0.178923	0.126024
10.95	8.42	8.15	7.91	-0.05327	0.741527
0	0	0	0	NA	NA
0.03	0.01	0.01	0.03	NA	NA
0.1	0.1	0.13	0.12	-0.67494	0.330782
0.11	0.23	0.16	0.28	-0.12525	0.877298
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.5	2.02	2.08	2.17	0.026192	0.947179
0	0	0	0	NA	NA
54.87	225.43	123.41	173.67	1.570826	1.93E-09
0	0	0	0	NA	NA
1.63	1.86	1.53	2.25	-0.03762	0.941657
2.84	7.19	5.6	6.43	1.105507	4.65E-15
0	0	0	0.02	NA	NA
11.53	9.81	10.64	9.65	-0.23597	0.073557
0	0	0	0	NA	NA
39.2	45.48	48.62	47.38	0.133137	0.201109
0.2	0.22	0.17	0.21	0.260326	0.73659
7.49	7.97	7.97	8.77	0.031675	0.821395

2.94	3.33	3.66	2.82	-0.07208	0.816626
35.45	21.76	26.38	24	-0.53811	1.41E-08
1.72	2.12	1.61	1.53	0.010075	0.975388
7.42	7.02	8.38	6.69	0.112485	0.563182
0.01	0.03	0.01	0.05	NA	NA
2.52	2.21	2.6	2.71	0.033245	0.936444
0.31	0.24	0.03	0.02	NA	NA
0	0	0	0	NA	NA
4.23	6.15	5.13	6.12	0.039244	0.889637
1	0.57	0.88	0.77	-0.38604	0.510916
0	0	0	0	NA	NA
0.92	0.53	0.99	0.81	-0.30671	0.419733
0	0	0	0	NA	NA
13.48	14.61	13.63	13.73	-0.06574	0.636168
0	0	0	0.12	NA	NA
29.32	25.97	23.78	26.31	-0.09438	0.490421
0	0.08	0	0	NA	NA
0	0.16	0.35	0.29	NA	NA
0.04	0.1	0.46	0.1	NA	NA
19.37	26.95	22.79	24.91	0.24024	0.01476
0.07	0	0	0	NA	NA
2.02	3.02	2.33	2.28	0.013644	0.964931
1.24	1.9	1.24	1.18	0.449315	0.320868
89.96	96.95	93.88	93.34	0.067382	0.524986
0	0.13	0	0	NA	NA
0.12	0.05	0.03	0.06	-0.33616	0.673386
3.75	5.88	5.25	6.13	0.530863	5.75E-05
0	0	0	0	NA	NA
7.05	5.63	3.89	6.18	0.054695	0.802461
0	0	0	0	NA	NA
0.1	0.03	0	0	NA	NA
0.1	0.03	0	0	NA	NA
0.44	0.19	0.16	0	NA	NA
1.18	1.82	1.58	1.45	-0.00078	0.9983
2.6	2.1	2.25	2.87	-0.01845	0.94744
3.14	7.27	6.13	6.87	0.825087	3.19E-05
4.91	5.04	5.01	5.3	-0.03336	0.880968
8.03	6.33	5.8	8.37	0.154285	0.296679
2.66	2.54	2.99	3.14	0.093805	0.769317
4.49	4.3	4.11	6.03	-0.10877	0.536632
3.59	2.67	3.57	3.43	-0.11861	0.662714
0.78	8.15	4.01	5.25	2.892451	5.99E-19
55.24	65.22	63.77	58.23	-0.01585	0.933531
0.69	1.61	0.63	0.97	0.40006	0.346513
1.86	13.79	7.02	8.8	2.343233	2.29E-21

13.21	11.99	13.14	11.72	-0.00773	0.973065
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.09	4.1	5.5	4.77	-0.34727	0.188257
0.05	0.03	0.04	0	NA	NA
9.83	13.36	10.53	9.47	0.114053	0.444092
46.86	56.46	53.91	60.28	0.150765	0.120876
22.5	5.82	9	7.12	-1.48876	1.20E-19
0.55	0.11	0.32	0.08	-1.14629	0.065565
32.78	35.09	28.18	36.64	0.064358	0.608796
3.73	4.5	4.05	5.33	0.125805	0.601538
24.54	22.05	23.14	21.44	-0.09415	0.608652
15.38	12.37	14.06	14.99	0.014051	0.94882
4.58	2.35	2.26	4.27	-0.7321	0.003874
13.23	15.4	13.68	16.49	0.086616	0.624592
31.86	33.43	34.83	38.29	0.086878	0.368904
698.67	646.36	712.83	642.18	-0.12814	0.167597
0	0	0	0	NA	NA
18	16.14	14.96	17.61	-0.39494	7.19E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.04	3.86	3.03	3.47	-0.04693	0.886086
16.77	17.35	15.96	16.78	0.006329	0.970372
85.29	119.91	139.64	139.24	0.615667	7.37E-08
3.49	3.05	2.75	2.63	-0.12015	0.813797
0	0	0	0	NA	NA
0.02	0.03	0	0.02	NA	NA
49.45	4.67	12.04	7.18	-2.4603	4.13E-13
0	0.07	0.07	0	NA	NA
0.42	0.1	0.09	0.21	NA	NA
0.73	0.1	0.14	0.82	-0.29476	0.718632
28.07	21.12	26.07	24.18	-0.28349	0.002427
0	0	0	0	NA	NA
111.89	101.02	117.63	111.75	-0.075	0.483811
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.5	0.24	0.13	0.37	-0.96247	0.022437
5.43	5.1	5.39	5.48	0.066946	0.690438
13.43	11.68	12.97	13.91	-0.32657	0.016361
0	0	0	0	NA	NA
42.23	54.25	47.24	46.65	0.201328	0.041336
0.02	0.02	0.03	0	NA	NA
2.17	1.41	1.3	1.49	-0.34549	0.295974
0	0	0	0	NA	NA
0	0	0	0	NA	NA

11.23	8.93	12.94	8.53	-0.24711	0.283732
166.93	3599.95	1103.09	1983.72	3.052707	2.63E-13
17.86	0.08	0.04	0.22	-6.38024	2.18E-75
0.03	0	0	0	NA	NA
13.87	18.05	15.21	21.78	0.292033	0.021588
0	0.02	0.06	0.03	0.732952	0.280336
0.68	0.19	1.66	0.93	0.271444	0.742075
2.33	5.9	4.98	5.58	0.249904	0.476622
9.99	10.59	10.33	10.43	0.050106	0.757141
26.33	22.88	21.14	21.8	-0.18095	0.099257
2.1	2.69	2.04	1.83	-0.04183	0.904541
3	3.69	3.86	3.65	0.042059	0.860153
1.17	1.46	1.3	1.27	-0.04264	0.923141
22.39	41.78	36.38	37.83	0.491215	0.00064
564.73	400.95	379.2	420.46	-0.56233	1.99E-10
1.07	1.31	1.49	1.51	0.082539	0.812564
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
11.2	7.08	8.12	9.15	-0.06351	0.664337
0.05	0.01	0.02	0.04	NA	NA
0	0.04	0.43	0.08	-0.34837	0.659696
0.6	0	0	0	NA	NA
7.8	7.76	7.05	6.38	-0.04305	0.841253
4.29	3.03	4.36	3.99	-0.38178	0.114228
152.82	169.81	166.47	159.4	0.007597	0.96382
0.04	0.02	0.04	0.04	NA	NA
1.84	1.83	1.75	1.74	-0.19118	0.441176
3.76	2.64	3.37	4.29	-0.4546	0.00493
4.46	5.01	4.96	5.25	-0.03013	0.903611
9.93	6.33	8.17	7.27	-0.5093	6.76E-06
40.64	30.13	36.62	32.81	-0.27633	0.014967
4.53	1.93	3.16	3.19	-0.2789	0.19922
0	0	0.04	0.04	NA	NA
15.12	13.01	12.48	12.52	-0.22052	0.017875
7.24	10.72	10.61	10.79	0.412823	3.97E-05
2.32	0.97	1.41	1.75	-0.43219	0.21047
1.11	0.32	0.32	0.46	-1.95454	1.31E-11
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
3.22	1.7	2.3	3.06	-0.57072	0.001856
1.06	1.13	1.33	1.16	-0.03823	0.952639
29.18	17.29	22.56	18.58	-0.57144	6.76E-08
0	0	0.12	0.4	NA	NA
0	0.13	0	0	NA	NA
3.21	4.34	4.76	2.4	0.2009	0.658595

7.56	8.76	6.49	8.43	0.174387	0.570335
2.69	2.08	2.09	2.9	-0.37454	0.110732
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
28.18	41.14	40.35	39.42	0.522583	3.27E-09
0	0	0	0	NA	NA
20.05	13.74	16.28	16.78	-0.33028	0.007154
3.79	1.76	2.03	2.33	-0.78021	1.25E-08
0.14	0.67	0.4	0.54	0.84722	0.110964
16.1	12.14	13.56	13.16	-0.3685	0.000615
1.43	1.18	1.18	1.18	-0.27906	0.474531
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.83	7.29	8.09	7.48	-0.03286	0.878548
0	0	0	0	NA	NA
1.6	2.23	2	2.89	0.353718	0.363774
2.76	2	2.13	2.25	-0.32363	0.07907
28.25	29.29	27.57	29.87	-0.00458	0.975388
0	0.2	0.18	0	0.135803	0.789809
0	0	0	0	NA	NA
0.35	0.13	0.14	0.06	-1.52741	8.58E-05
12.01	4.77	5.6	5.33	-1.17776	7.73E-13
4.34	9.89	8.15	9.03	0.793475	1.00E-06
0.04	0.08	0	0	NA	NA
2.67	9.96	6.35	7.66	1.287213	4.10E-15
0	0	0	0	NA	NA
0	0	0.18	0	NA	NA
0	0	0	0.01	NA	NA
1.98	2.37	2.75	2.63	0.118627	0.480563
0	0.42	0.34	0.17	NA	NA
3.19	1.75	2.05	2.56	-0.3575	0.110254
0	0	0	0	NA	NA
6.5	4.96	9.66	9.46	0.171021	0.611187
0.31	0.14	0.18	0.42	-0.87525	0.021426
17.41	24.19	25.5	31.43	0.838614	2.22E-13
0.38	0.2	0.21	0.3	-0.0677	0.937825
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
2.24	2.59	2.44	2.14	-0.16821	0.289582
2.53	4.74	5.18	3.9	0.294451	0.129948
26.16	30.57	29.95	32.67	0.201883	0.013072
0.07	0.02	0.05	0.06	-0.41395	0.590209
5.58	6.98	6.13	6.55	-0.04721	0.823653

134.66	94.04	98.86	104.2	-0.42339	3.96E-07
435.05	198.96	254.58	224.1	-0.99687	2.02E-26
0.03	0.24	0.1	0.12	0.358901	0.634661
0	0	0	0	NA	NA
6.61	5.9	7.63	6.89	-0.01169	0.948247
31.13	30.02	22.89	25	-0.0743	0.695339
6.38	7.93	8.06	7.6	0.15671	0.227187
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
21.73	10.65	14.74	12	-0.38128	0.002059
0.21	0.6	0.45	0.21	-0.55563	0.44691
48.37	40.76	44.67	41.94	-0.11487	0.339118
60.72	53.18	52.13	51.87	-0.31322	4.94E-05
5.03	4.85	6.63	5.14	-0.11726	0.617258
18.28	34.44	33.36	35.92	0.846286	9.85E-18
0	0	0	0.01	NA	NA
0.65	0.29	0.65	0.33	-0.7629	0.081123
131.45	67.8	85.6	72.37	-0.80728	3.79E-13
16.1	14.14	14.93	13.19	-0.1868	0.346502
0	0.01	0.03	0.01	NA	NA
2.02	2.3	1.95	2.11	0.154558	0.565253
0	0.45	0.17	0.05	NA	NA
0.44	0.34	0.23	0.36	-0.03537	0.969945
44.8	49.32	46.58	47.57	0.211116	0.053852
56.62	67.75	64.5	61.68	0.279574	0.007567
1.29	1.07	1.2	1.02	-0.43479	0.266064
2.5	1.45	1.82	1.13	-0.65649	0.065324
1.57	1.29	2.02	2.21	-0.00199	0.995428
5.73	14.55	12.78	12.7	1.036013	2.54E-14
1.43	1.31	1.76	1.82	0.055873	0.900831
9.32	14.6	14.16	13.6	0.213986	0.255545
0	0	0	0	NA	NA
2.72	3.37	3.17	3.53	0.254309	0.151842
4.31	2.66	3.29	4.64	-0.19804	0.312813
0	0	0	0	NA	NA
119.42	62.32	71.8	64.43	-0.88097	7.73E-28
2.34	1	1.9	1.87	-0.78607	0.000322
12.28	14.15	12.97	12.08	0.009292	0.965915
0.34	0.65	0.61	0.8	0.264441	0.665462
3.12	1.59	1.86	1.44	-0.10598	0.781422
0.77	0.25	0.54	0.34	-0.74326	0.113578
2.91	1.56	2.23	1.6	-0.23429	0.356967
0	0	0	0	NA	NA
0	0.16	0.14	0	NA	NA
9.73	9.77	10.22	6.83	-0.2359	0.146478

13.03	29.81	20.26	26.32	0.990771	2.44E-15
0	0	0.05	0 NA	NA	
9.48	15.43	13.45	14.16	0.354058	0.01866
4.3	5.16	4.77	5.06	0.380753	0.001029
0	0	0	0 NA	NA	
53.23	73.35	65.24	73.25	0.309078	7.05E-05
0.4	0.24	0.69	0.39	-0.42715	0.439475
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
10.58	4.12	7.44	5.98	-1.02824	1.08E-09
0.27	0.37	0.53	1.15	-0.15824	0.85721
62.59	65.66	66.98	69.89	0.100737	0.249249
0.01	0.36	0.52	0.36	3.122386	8.21E-11
0	0	0	0 NA	NA	
291.76	246.25	275.24	265.65	-0.25208	0.002244
10.7	14.15	14.38	11.51	0.142176	0.401933
21.45	27.75	28.34	28.44	0.329465	0.000639
3.5	3.3	2.91	2.69	-0.05838	0.76309
13.06	15.48	15.18	14.59	0.052371	0.722532
0	0	0	0 NA	NA	
1.12	1.02	0.97	0.82	-0.47859	0.297636
0	0	0	0 NA	NA	
3.34	2.8	3.15	3.28	-0.18218	0.420494
0	0.11	0.14	0.34	-0.06422	0.94485
8.92	12.98	10.63	10.93	0.224929	0.046441
0.23	0.26	0.27	0.18	0.069469	0.925357
0.9	2.07	0.68	0.9	-0.20966	0.608942
0.61	0.57	0.53	0.46	-0.17775	0.717115
0	0	0	0 NA	NA	
14.59	16.22	14.35	14.14	0.161453	0.266072
0	0	0	0 NA	NA	
65.04	92.08	80.49	84.64	0.287065	0.001413
0	0	0	0 NA	NA	
3.71	5.43	5.17	7.62	0.337815	0.043347
0.6	0.59	0.53	0.39	-0.18025	0.794367
0.14	0.04	0.11	0.11	-0.51401	0.473718
15.66	20.79	17.98	17.34	0.432193	0.000723
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
3.34	2.3	3.41	1.9	-0.31846	0.566347
0.12	0.2	0.12	0.12	-0.14824	0.863452
2.4	2.58	3.65	3.17	-0.01183	0.974754

4.73	4.08	4.9	3.92	0.051963	0.803033
0	0	0	0 NA	NA	
0.16	0.27	0.29	0.37	-0.37273	0.611187
3.57	18.1	7.61	12.21	1.72017	2.13E-14
0.08	0.04	0.07	0.08	0.117187	0.896466
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
20.77	32.45	28.42	37.32	0.689822	4.49E-13
13.06	16.02	16.06	16.03	0.320593	0.143369
51.69	52.6	58.38	56.39	0.008798	0.949791
0.31	0.28	0.47	0.47	0.037022	0.968828
4.65	3.12	2.59	5.58	-0.11731	0.871059
0	0	0	0 NA	NA	
0.61	0.44	0.51	0.27	-0.4253	0.401284
0.14	0.41	0.34	0.56	0.451534	0.524726
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
68.4	61.8	68.24	66.57	-0.20913	0.008447
0.13	0.04	0.08	0 NA	NA	
1	3.75	3.42	4.46	1.45989	1.97E-06
13.22	15.65	15.85	14.29	0.13678	0.394562
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.75	0.7	0.33	0.92	-1.10099	0.01915
0.56	0.27	0.49	0.45	0.024519	0.976098
11.54	11.81	10.02	15.63	-0.17663	0.175193
0.91	1.43	0.98	1.35	0.262994	0.548854
2.15	2.26	2.32	1.8	-0.08083	0.767346
0.16	0.07	0.13	0.2	-0.12746	0.87542
0.37	0.14	0.43	0.6	-0.82404	0.122452
7.02	11.19	10.85	12.36	0.365582	0.034047
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
5.25	4.91	4.96	4.93	0.117337	0.356587
0	0	0	0 NA	NA	
13.56	24.67	23.04	22.81	0.609336	3.33E-13
0	0	0	0 NA	NA	
10.86	13.75	14.74	16.16	0.249702	0.023312
160.32	169.22	164.09	170.32	-0.00907	0.94009
3.08	12.97	11.28	10.58	1.67677	3.63E-30
0	0	0	0 NA	NA	
0.56	0	0.35	0 NA	NA	
21.02	20.1	20.92	21.43	-0.03607	0.813797
27.95	30.76	30.87	32.08	-0.04487	0.845973

0	0	0	0 NA	NA
19.74	11.18	14.48	13.72 -0.65125	1.88E-09
0	0.04	0	0.23 NA	NA
0	0	0	0 NA	NA
0.67	0.33	0.33	0.24 -0.97292	0.077471
1.62	2.64	1.68	2.09 0.4024	0.151632
2.14	2.25	2.31	2.55 -0.00203	0.996111
0	0	0	0 NA	NA
1.52	0.9	1.4	1.46 -0.31773	0.416612
2.9	2.97	2.86	3.03 -0.30892	0.143815
0	0	0	0 NA	NA
4.86	3.99	4.24	3.94 -0.42817	0.008336
3.73	4.46	2.74	5.07 -0.15015	0.472312
0.29	0	0.04	0.06 -0.74511	0.277321
8.07	9.09	10.34	8.48 0.150148	0.135215
0	0	0	0 NA	NA
0.34	0.34	0.11	0.42 0.018539	0.985711
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0.16	0 NA	NA
0.01	0	0.12	0.03 NA	NA
17.43	15.74	9.37	11.87 0.015654	0.954887
0	0	0	0 NA	NA
5.03	4.18	4.27	4.02 -0.27391	0.12255
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.44	4.27	3.77	4.44 -0.2388	0.246536
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.03	5.96	3.68	4.01 0.491327	0.003519
0.11	0.05	0	0.09 -0.1673	0.847875
0.11	0.08	0.07	0.04 NA	NA
0	0	0	0 NA	NA
64.82	40.29	42.72	45.9 -0.62722	5.10E-11
34.23	45.28	46.05	44.62 0.405432	1.12E-05
0	0.06	0	0 NA	NA
19.99	15.86	18.79	17.66 -0.26689	0.026285
2.01	5.86	3.83	5.07 0.68664	0.00177
0	0	0	0 NA	NA
0.67	0.77	0.73	0.99 -0.20897	0.708805
9.42	111.95	82.82	97.02 2.707877	1.54E-22
0	0	0	0 NA	NA
0.03	0.07	0.35	0.32 0.57058	0.417919
0	0	0.01	0 NA	NA
0.18	0	0	0.1 NA	NA

0	0	0	0	NA	NA
0.27	0.27	0.25	0.18	0.43662	0.493018
2.99	3.57	2.64	3.43	0.192489	0.441176
0	0	0	0	NA	NA
14.03	12.18	11.01	11.47	-0.33674	0.000571
1.2	1.24	1.48	1.96	-0.01775	0.972446
10.78	10.08	10.07	9.45	-0.10252	0.596806
0	0	0.03	0	NA	NA
0.01	0.02	0.01	0	NA	NA
0	0	0.13	0.12	NA	NA
26.04	27.38	28.26	28.97	0.136215	0.278077
0	0	0	0	NA	NA
11.24	14.58	12.82	14.05	0.334464	0.000704
3.56	4.77	3.7	4.86	-0.0759	0.820566
0	0	0.05	0	NA	NA
19.05	19.78	20.5	23.85	0.38088	0.003046
0	0	0	0	NA	NA
0.06	0.01	0.05	0.04	-0.63905	0.367221
25.05	59.4	54.07	60.64	1.167587	3.14E-34
1.59	2.11	2.06	2.62	0.266674	0.189262
1.81	0.44	0.6	0.21	-1.66144	3.20E-14
0.56	0.15	0.09	0.24	-1.69037	0.002098
7.69	10.44	8.85	9.88	0.331877	0.018396
16.87	12.8	14.61	13.56	-0.31073	0.003182
0.19	0.1	0.13	0.16	-0.04583	0.952987
1.41	1	1.29	0.83	-0.34274	0.261775
8.8	4.28	5.8	6.14	-0.70318	0.011868
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.97	8.45	8.15	8.49	0.306951	0.015958
1.01	0.61	0.77	0.36	-0.05637	0.94677
7.4	7.77	7.81	7.67	-0.0691	0.864815
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.5	15.24	12.5	14.68	-0.13694	0.373564
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	0.32	0.43	0.44	-0.68229	0.029872
0	0	0	0	NA	NA
0.13	0.09	0.16	0.02	-0.34553	0.662598
14.81	16.4	16.01	16.46	0.167344	0.18174
4.94	3.59	4.11	5.68	-0.35811	0.001684
3.56	4.38	6.17	4.46	0.013326	0.962062
584.77	184.77	240.11	217.76	-1.51481	4.87E-39

0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.29	2.6	2.62	2.87	-0.13508	0.623698
9.71	10.01	11.74	11.84	0.167147	0.409322
29.28	41.03	38.18	42.08	0.408691	1.05E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	1.88	0.36	1.16	3.397204	7.36E-11
317.18	176.91	238.5	208.98	-0.6034	2.22E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.87	1.3	1.88	2.21	-1.13395	4.20E-07
1.35	1.02	0.52	1.27	-1.10362	0.001507
0	0	0	0	NA	NA
0.02	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
101.5	73.88	81.92	82.95	-0.42648	2.19E-10
20.28	43.99	47.97	52.05	1.149383	4.06E-19
41.58	32.82	34.68	34.55	-0.3981	1.21E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA
70.86	94.22	87.12	86.09	0.255301	0.002704
22.43	16.46	20.71	21.24	-0.11188	0.465848
0.54	0.56	0.71	1.27	-0.00111	0.998368
0	0.17	0.24	0.23	NA	NA
7.55	9.64	8.76	9.29	0.260575	0.016949
415.5	328.67	371.28	320.92	-0.19111	0.080549
0	0.46	0.17	0	NA	NA
0	0.34	0.92	0.28	NA	NA
0	0	0	0	NA	NA
1716.08	2172.88	2058.85	2136.07	0.347707	1.74E-06
528.55	293.2	376.89	309.61	-0.72643	5.34E-14
0.29	0.64	0.31	0.62	0.417437	0.462317
0	0	0	0.05	NA	NA
1929.43	1812.83	1782.94	1673.05	-0.21871	0.007206
0.08	0	0	0	NA	NA
5.62	4.33	3.57	4.07	-0.54131	0.007134
41.93	6.9	16.17	11.8	-1.6779	2.17E-06
0	0	0	0	NA	NA
0.83	0.55	1	1.07	-0.30051	0.62178

19.22	21.96	22.2	22.11	0.195441	0.060282
3.45	2.53	2.19	2.83	-0.05673	0.832384
1.62	1.29	1.16	1.35	-0.11066	0.834197
1.51	2.85	1.5	2.29	0.102713	0.68041
16.7	34.4	26.23	22.47	0.732888	2.89E-05
8.56	8.74	5.65	7.93	0.069121	0.760637
8	12.72	11.71	11.44	0.539384	7.26E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.05	13.11	11.7	11.14	0.340765	0.04284
1.9	2.24	3.49	1.1	0.195652	0.64404
0.98	0.11	0.46	0.13	NA	NA
0.15	0.17	0.02	0	NA	NA
0.43	0.18	0.72	0.34	-0.6287	0.169106
3.66	5.68	4.47	5.86	0.493777	0.000459
0.47	0.46	0.63	0.87	-0.08987	0.874689
0.27	0	0.07	0	NA	NA
1.93	1.54	0.91	2.7	0.447768	0.458059
0	0	0	0	NA	NA
8.19	7.22	6.69	8.4	-0.13002	0.555333
0.07	0.1	0.22	0.35	0.296916	0.705023
0	0	0	0	NA	NA
3.48	2.27	2.46	2.9	-0.5087	0.00083
2.22	2.25	2.49	2.59	-0.18069	0.547377
58.22	47.66	49.66	48.89	-0.39199	5.84E-06
1.09	2.53	2.16	2.55	1.077051	1.39E-07
4.2	5.51	5.28	5.96	0.352906	0.020068
2.95	3.61	2.76	1.94	0.154947	0.69546
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.17	0.87	1.38	1.6	-1.47576	1.96E-12
57.75	48.85	50.88	52.01	-0.289	0.000121
0	0	0	0	NA	NA
0.24	0	0	0.06	NA	NA
6.56	5.94	5.45	5.88	0.064122	0.814366
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.51	0.27	0	NA	NA
0	0	0	0	NA	NA
4.68	8.16	6.43	7.6	0.624656	3.05E-08
0	0.03	0.01	0	NA	NA
207.4	92.38	118.49	100.97	-1.01064	2.71E-26
0	0	0	0	NA	NA
8.99	21.25	13.58	22	0.824256	0.006964

7.58	4.26	7.02	6.27	-0.38179	0.093819
21.87	27.53	25.11	26.56	0.116992	0.353646
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
2.09	2.2	3.64	2.92	0.232275	0.628307
8.06	6.88	7.56	8.28	-0.38418	0.052194
42	76.82	78.94	74.44	0.961881	5.12E-29
0.83	0.84	1.15	0.61	-0.43165	0.323274
0	0	0	0	NA	NA
0.8	0.84	0.82	0.78	-0.40857	0.286215
3.17	3.92	4.26	3.03	-0.36185	0.060472
0	0	0	0	NA	NA
0.16	0.11	0.1	0.22	NA	NA
10.16	9.02	9.43	12.21	-0.28443	0.048994
2.16	3.61	2.68	2.46	0.025499	0.934203
0.05	0	0	0	NA	NA
2169.93	2009.41	2202.3	1914.3	-0.12699	0.193062
1091.46	803.76	944.44	818.44	-0.38054	2.20E-05
0.09	0.16	0.23	0.1	0.149396	0.859398
1.23	1.96	1.59	1.76	0.607218	0.004835
114.59	321.25	202.58	270.13	1.160646	8.98E-18
11.37	8.3	8.82	10.02	-0.13701	0.203012
15.33	2.5	3.25	3.45	-2.09587	8.29E-47
7.41	9.17	8.03	8.69	0.221936	0.13018
7.41	9.17	8.03	8.69	0.221936	0.13018
0.16	0	0.01	0	NA	NA
0.76	1.35	0.81	1.09	-0.0157	0.968986
0.14	0.09	0.16	0.56	-0.50461	0.491836
42.76	46.07	39.97	37.24	-0.089	0.56871
0	0	0	0	NA	NA
10.88	10.38	12.26	10.78	-0.10467	0.691487
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.85	0.1	0.28	0.16	-1.93407	3.28E-06
14.26	9.75	13.42	12.05	-0.13516	0.360209
9.71	6.56	7	6.57	-0.36655	0.010417
0.42	0.18	0.37	0.55	-0.24754	0.747976
0	0	0	0	NA	NA
15.26	19.74	19.35	20	0.256304	0.110301
11.62	17.65	14.13	15.56	0.41525	0.000522
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

5.28	5.32	5.07	5.57	-0.05421	0.767575
0	0.03	0.05	0.12	NA	NA
0	0	0	0	NA	NA
558.62	467.64	530.92	467.15	-0.25599	0.002502
0.81	0.46	0.46	0.59	-0.65227	0.112329
11.7	10.26	13.94	10.84	0.088221	0.613331
5.73	4.73	5.82	4.77	0.210515	0.287553
1.29	1.07	1.79	1.67	0.006626	0.989187
0	0	0	0	NA	NA
41.02	85.04	64.13	73.84	0.769221	1.48E-13
0	0	0	0	NA	NA
8.92	12.27	8.27	10.85	0.187532	0.296865
1.64	1.87	0.9	1.36	-0.36454	0.455983
20.11	21.76	24.31	21.11	-0.02624	0.882748
0	0	0	0	NA	NA
3	1.37	1.44	4.12	-0.07397	0.898268
2.91	0.74	2.28	1.32	-0.47358	0.298406
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
5.39	5.68	5.34	5.64	0.18559	0.372
0	0	0	0	NA	NA
7.05	5.11	5.49	5.15	-0.11801	0.42331
0.04	0.68	0.15	0.11	0.873389	0.171754
7.83	8.42	6.89	8.65	0.156696	0.442538
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.02	2.31	2.91	2.79	0.10708	0.734129
0.22	0.1	0.22	0.06	-0.66229	0.342329
0	0	0	0	NA	NA
4.19	4.49	5	5.18	0.283971	0.107181
0.32	0.54	0.4	0.56	0.763248	0.04968
0.96	0.68	1	0.84	-0.66646	0.029485
10.2	15.48	12.25	13.43	0.420882	0.000437
72.66	61.34	70.89	68.97	-0.03892	0.778312
0	0	0	0	NA	NA
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
8.13	5.52	5.91	5.03	-0.66393	4.60E-05
5.75	8.76	9.42	9.28	0.2382	0.197136
0.86	0.48	0.67	0.51	-0.94848	0.008997
0	0	0	0	NA	NA
2.7	4.9	4.09	4.29	0.699993	3.82E-06
6.12	7.3	8.78	8.48	0.284156	0.011733
0.04	0	0.03	0.03	NA	NA
0.07	0.07	0.1	0.07	NA	NA

0.07	0	0.2	0.08	NA	NA
3.65	1.59	2.02	1.8	-0.7951	0.056684
12.27	10.67	11.56	10.61	-0.09122	0.547437
11.84	13.04	11.09	13.46	0.251917	0.02585
5.31	11.19	7.49	8.81	0.819955	3.40E-05
6.72	8.27	9.15	7.95	0.089857	0.625562
29.04	38.44	35.86	41.62	0.340743	0.00313
0	0	0	0	NA	NA
22.71	30.92	26.68	28.93	0.218138	0.056129
0	0	0	0	NA	NA
1.29	0.75	1.63	1.44	-0.58767	0.0355
0	0	0	0	NA	NA
1.65	0.95	1.23	0.8	-0.30855	0.39046
22.32	17.63	19.3	16.97	-0.08176	0.636669
7.06	10.04	9.08	9.75	0.102908	0.401933
0.02	0.12	0.14	0.06	NA	NA
0.89	1.06	1.08	0.76	0.067212	0.872941
0.3	0.44	0.31	0.4	0.118451	0.889225
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
22.06	26.5	25.94	28.37	0.257847	0.010335
0.16	0.19	0.08	0.09	0.186523	0.830021
0.1	0.02	0.26	0.05	NA	NA
0.1	0.02	0.26	0.16	NA	NA
0.14	0.3	0.16	0.21	-0.12999	0.88333
50.75	45.5	49.65	51.81	-0.02655	0.830194
2.94	1.97	1.47	2.03	-0.72721	0.109244
560.97	532.44	543.48	509.2	-0.09251	0.327465
2.72	3.85	3.31	3.12	0.254705	0.332541
0	0	0	0	NA	NA
3.59	4	4.17	4.19	0.237461	0.129359
177.52	177.28	165.75	159.68	-0.17496	0.143261
0	0	0	0	NA	NA
7.82	5.83	5.82	6.06	-0.28898	0.003912
5.6	4.6	4.71	3.98	-0.22599	0.383764
0	0	0	0	NA	NA
12.92	16.34	15.39	17.73	0.326123	0.01715
0	0	0	0	NA	NA
0.08	0.17	0.11	0	NA	NA
0	0	0	0	NA	NA
2.56	3.65	3.5	4.03	0.431982	0.010784
1.01	0.5	0.52	0.47	-0.33508	0.57965
0.01	0	0	0	NA	NA
11.13	14.18	11.93	12.38	0.149595	0.278432

0	0	0.15	0	NA	NA
11.62	10.31	10.66	11.88	0.035581	0.823811
6.77	6.68	6.52	5.25	-0.07365	0.751186
0	0	0	0	NA	NA
2.05	2.17	1.81	1.86	0.016365	0.973164
0.13	0	0	0.08	NA	NA
0.43	0.15	0.23	0.34	-0.18171	0.799746
2.27	1.58	0.87	0.81	-0.07459	0.833498
0.48	0.32	0.25	0.25	-0.77482	0.170173
0	0	0	0	NA	NA
14.18	23.2	17.74	18.85	0.450975	0.000574
45.77	45.59	42.22	39.47	-0.17884	0.136148
0.34	0.36	0.36	0.24	-0.17932	0.804382
140.63	99.94	118.44	101.95	-0.39657	7.48E-05
0	0	0	0	NA	NA
10.26	19.56	15.31	17.71	0.734193	6.85E-11
12.52	11.17	9.2	12.15	-0.31607	0.003767
12.07	24.26	16.72	18.86	0.656971	1.85E-09
8.91	8.25	7.37	7.65	-0.1473	0.315136
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.79	2.83	3.37	3.01	0.157333	0.494462
0	0	0	0	NA	NA
8.65	12.18	10.13	9.9	0.147682	0.279398
0	0	0.17	0.1	0.523314	0.44144
39.62	40.54	39.41	50.44	0.283475	0.078314
36.64	30.09	31.41	31.96	-0.18084	0.043699
0	0	0	0	NA	NA
0.47	0.45	0.44	0.65	-0.24767	0.608626
0.94	2.33	0.84	0.61	1.096371	0.071952
23.42	18.31	20.28	19.78	-0.3415	0.000289
0.8	0.91	0.67	0.43	-0.61277	0.206495
368.7	86.01	147.68	123.4	-1.64953	2.50E-13
0.04	0.22	0.15	0.12	0.107924	0.906499
2.33	1.83	2.19	2.59	-0.2341	0.456741
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.26	3.3	3.18	4.3	-0.08675	0.762739
0	0	0	0	NA	NA
3.47	2.44	3.15	3.15	-0.05588	0.827483
6.76	4.56	5.07	6.05	-0.07196	0.745071
7.25	7.52	7.61	9.08	-0.03447	0.859697
308.88	70.39	96.93	83.55	-1.86908	2.88E-71
1.96	1.19	0.45	0.72	-0.80425	0.110074

0	0	0	0 NA	NA
0.51	0.17	0.35	0.28 -0.86315	0.027997
1.22	1.31	1.44	1.65 0.266484	0.382718
2.6	1.23	1.6	1.42 -0.59302	0.023651
0.08	0.04	0.04	0 NA	NA
0	0	0	0 NA	NA
27.71	26.48	22.86	28.32 0.050154	0.71081
4.79	3.52	3.72	3.87 -0.36411	0.192499
6.04	7.61	8.04	7.97 0.470681	0.036409
0	0	0	0 NA	NA
1.75	1.37	1.4	1.17 -0.96677	0.000459
0.61	0.05	0.18	0.06 -1.63041	0.001421
16.03	29.31	24.51	29.24 0.688925	5.99E-11
3.16	0.64	0.53	1.03 -1.19263	0.007901
2.75	2.02	1.8	2.63 -0.25476	0.298448
14.88	14.96	13.34	15.1 -0.08282	0.633306
0.29	0	0.09	0.03 -1.57942	0.007087
0	0	0	0 NA	NA
0.22	1.35	1.23	1.54 2.444564	4.97E-14
5.34	4.36	4.3	3.25 -0.30164	0.152074
65.57	14.22	28.31	20.56 -1.61111	8.67E-09
13.65	22.7	19.26	20.62 0.380604	0.018629
0	0.01	0.02	0 NA	NA
4.08	3.83	4.07	4.89 0.083439	0.735872
0.94	0.55	0.15	0.92 0.087356	0.920389
1.98	3.07	2.39	2.24 0.216645	0.333214
0.03	0	0.02	0.04 NA	NA
3.91	1.55	1.07	1.99 -0.9783	0.000376
44.45	27.06	32.78	32.16 -0.51062	5.08E-10
122.37	108.46	126.35	110.47 -0.13417	0.161397
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0.18	0.16	0.19 NA	NA
0.37	0	0.41	0.19 NA	NA
8.25	7.24	7.05	7.32 -0.18977	0.104409
16.6	16.79	18.21	16.25 0.132036	0.27836
7.56	7.26	6.19	7.08 -0.13421	0.280511
0.21	0.18	0.18	0.24 -0.19929	0.812564
0	0	0	0 NA	NA
10.55	12.85	12.36	10.61 0.360633	0.021989
0	0	0	0 NA	NA
8.13	11.02	8.45	9.71 0.365999	0.004511
0	0	0	0 NA	NA

33.92	40.22	37.09	34.77	0.066001	0.653345
0	0	0.85	0.44	0.107384	0.895604
28.12	26.9	24.34	26.13	-0.16231	0.09607
4.22	2.27	4.22	2.37	-0.12213	0.499064
0	0	0	0	NA	NA
0	0	0	0.06	NA	NA
8.28	7.37	8.6	7.87	-0.04059	0.806169
0	0	0	0	NA	NA
7.43	7.99	7.9	8	0.052301	0.701638
4.96	5.55	4.68	5.43	0.385838	0.016498
0	0	0	0	NA	NA
0	0	0	0	NA	NA
34.74	25.11	26.75	26.95	-0.29487	0.000166
124.28	137.46	122.51	125.89	0.346835	0.00074
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.98	0.12	0.93	0.54	-1.87525	2.21E-05
0	0	0	0	NA	NA
27	18.71	20.45	21.95	-0.35761	1.67E-05
0	0	0	0	NA	NA
5.5	10.12	8.88	8.69	0.786931	2.61E-07
0	0	0	0	NA	NA
33.68	36.23	34.74	37.12	-0.1175	0.25767
0	0	0	0	NA	NA
6.63	5.02	5.18	4.66	-0.1745	0.265923
5.97	4.61	4.91	5.19	-0.27415	0.038766
0.2	0.31	0.25	0.53	-0.68773	0.162315
10.32	11.87	11.3	11.27	0.117815	0.601015
49.81	69.1	55.05	56.52	0.278103	0.077047
16.47	14.09	15.28	16.75	-0.20992	0.029916
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.32	3.41	2.76	2.42	-0.265	0.084443
0.05	0.05	0.05	0.06	NA	NA
4424.88	6195.94	5767.05	5537.08	0.336	5.69E-06
99.97	63.25	76.05	65.43	-0.65577	5.44E-13
5.71	4.07	4.55	3.41	-0.13428	0.397955
0.62	0.28	0.27	0.56	0.573575	0.343098
6.38	3.73	4.2	4.19	-0.39503	0.048095
34.07	26.1	28.16	25.97	-0.40777	9.43E-05
6.15	5.41	4.94	4.85	-0.29983	0.023465
0	0	0	0	NA	NA
1455.89	1832.24	1709.44	1539.41	0.142705	0.150587
50.66	33.78	42.4	37.84	-0.47215	9.07E-07
0.21	4.49	1.86	3.05	3.395772	5.17E-20

12.36	12.46	12.84	14.97	-0.13461	0.33058
0.17	2.79	1.25	1.69	3.924389	1.89E-20
0.27	0.27	0.11	0.14	1.495989	0.004372
16.53	13.84	16.08	15.37	0.070992	0.736669
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.38	2.57	2.3	2.32	0.062227	0.807248
8.01	9.41	8.52	9.29	0.163818	0.193845
2.21	6.55	5.83	6.93	1.564741	1.17E-46
0	0.43	0.02	0.43	NA	NA
6.63	6.83	5.95	5.81	-0.17958	0.374842
36.06	50.75	44.63	53.41	0.332314	4.84E-05
1.44	1.22	1.2	0.84	-0.50723	0.085174
0	0.45	0.2	0.27	0.910176	0.1638
769.97	602.37	630.15	572.5	-0.43965	1.30E-08
0.93	0.13	0.17	0.13	-1.87597	7.96E-07
0	0	0	0	NA	NA
0.03	0	0	0.02	NA	NA
1210.92	1608.87	1470.6	1480.07	0.272966	0.000231
0	0	0	0.85	NA	NA
2.4	16.61	11.35	15.83	2.591859	2.45E-58
0.02	0.74	0.04	0.53	1.859013	0.000991
1.79	0.82	1.59	1.03	-0.48333	0.071645
0	0	0	0	NA	NA
3.23	4.51	4.84	4.72	0.333332	0.109296
0	0	0	0	NA	NA
1057.05	1439.58	1353.47	1339.6	0.306823	0.00017
0	0	0	0	NA	NA
0	0	0	0	NA	NA
28.92	29.82	30.36	24.86	0.138264	0.253451
26.54	51.02	43.2	46.99	0.676653	1.38E-12
7.78	9.77	8.27	9.86	0.211408	0.094741
6.11	6.99	6.83	7.5	-0.12482	0.496878
2.02	4.59	4.72	4.85	1.073734	8.47E-14
2.56	0.03	0.19	0.23	-3.64672	2.81E-37
0	0.15	0.32	0.25	1.786648	0.002014
0	0	0	0	NA	NA
2.22	2.68	3.03	2.77	0.169373	0.261184
7293.57	7494.32	7204.23	6668.19	-0.09198	0.32899
9.59	34.96	21.98	25.77	1.355399	8.40E-18
0.31	0.3	0.36	0.42	-0.23913	0.668672
0	0	0	0	NA	NA
3.88	17.27	6.48	11.56	1.580355	3.53E-05
10.26	12.86	13.26	14.12	0.312993	0.003302
27.94	32.05	34.6	31.92	0.146885	0.214248

22.26	28.38	26.36	28.8	0.36431	0.006026
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.08	7.69	7.65	8.45	-0.24264	0.092222
5.59	4.61	6.17	4.63	-0.29897	0.065862
4.12	3.5	4.68	3.67	-0.15801	0.515404
0.09	0.09	0.14	0.09	0.311112	0.684151
132.46	86.57	96.49	85.02	-0.59871	6.93E-11
183.45	312.2	207.92	260.52	0.37971	0.004854
10.45	17.31	14.41	14.63	0.49852	7.24E-06
1.59	1.35	1.91	1.89	0.119608	0.769736
35.55	22.56	29.5	29.66	-0.01472	0.929484
8.03	13.15	12.15	12.8	0.289288	0.011206
0	0.03	0.07	0.03	NA	NA
11.46	12.08	9.08	8.61	-0.24913	0.132667
1482.16	1593.96	1368.21	1319.1	-0.00457	0.97575
4.67	6.33	4.72	4.62	0.221064	0.402412
0	0	0	0	NA	NA
51.14	68.17	61.57	64.35	0.535342	4.21E-06
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0.6	0	0.38	0.17	-1.187	0.045647
0	0	0	0	NA	NA
19.87	22.03	20.3	24.19	0.22978	0.016117
0	0	0	0	NA	NA
2.26	9.17	4.66	6.42	1.304941	1.16E-10
76.36	86.77	73.34	69.05	-0.01356	0.94312
0	0	0	0	NA	NA
25.65	22.57	23.47	23.11	-0.03537	0.849079
13.78	10.08	12.87	11.49	-0.26508	0.086588
4.73	6.57	6.33	6.91	0.421945	0.000117
6.05	7.22	7.23	8.46	0.230359	0.107884
0.62	1.24	1.29	0.77	-0.03687	0.944474
0	0	0	0	NA	NA
0.68	0.77	1.29	0.96	0.223398	0.757141
16.68	23.71	19.55	23.26	0.425073	0.000284
4.11	5.75	6.34	5.52	0.188818	0.326189
14.15	11.19	12.83	11.46	-0.37531	0.000188
0.03	0.03	0.07	0.07	0.447795	0.547687
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.02	0.03	0.15	-0.61616	0.38697
2353.9	2957.1	2764.5	2654.46	0.196415	0.012721
6.7	9.88	11.11	14.26	0.376421	0.001563
1536.72	1451.76	1375.72	1344.51	-0.18681	0.012941

0	0	0	0	NA	NA
6.22	6.48	5.77	6.27	-0.13279	0.478586
28.38	20.16	24.38	18.55	-0.38187	0.011396
4.35	5.28	4.83	4.74	-0.08294	0.653424
67.24	67.52	67.51	71.47	0.096823	0.403492
3409.25	4167.33	4083.48	3876.76	0.178746	0.02041
13.96	19.92	18.12	19.65	0.517404	1.95E-07
2.27	3.09	2.95	2.62	-0.13641	0.68041
0.76	1	0.49	0.37	-0.89631	0.00472
13.32	16.26	13.79	17.19	0.167521	0.237304
0.31	0.84	0.75	0.61	2.211236	7.41E-08
62.85	46.15	43.81	47.11	-0.42212	4.61E-08
8.84	7.46	8.86	7.36	-0.18822	0.310228
0	0	0	0	NA	NA
1.32	0.33	0.29	0.3	-1.66701	7.08E-06
10.31	10.83	12.19	7.53	0.035605	0.871002
1325.45	1177.43	1194.67	1149.47	-0.17805	0.028073
2.54	1.32	2.35	1.89	-0.93264	6.58E-07
7.86	8.62	7.55	8.49	-0.04389	0.829763
0	0	0	0	NA	NA
2.32	1.03	1.2	1.33	-0.49162	0.047314
42.07	50.85	45.9	42.3	0.148344	0.098824
0	0	0.03	0.01	NA	NA
0.13	0	0.09	0	NA	NA
85.94	86.09	85.17	80.2	-0.07157	0.571596
0.88	0.44	0.6	0.71	-0.94421	0.000919
5.64	5	3.95	4.13	-0.42729	0.003672
1.94	1.79	1.9	2.02	0.163904	0.570142
10.22	9.73	9.51	11.56	-0.1505	0.640628
4950.64	5349.01	4870.49	4532.29	-0.06992	0.52693
0.33	0.08	0.2	0.08	-0.92788	0.135854
0	0	0	0	NA	NA
6.1	5.79	5.5	5.26	-0.20427	0.230828
0.67	0.51	0.33	0.18	-1.59197	0.00059
0.52	1.1	0.48	0.8	0.643683	0.148587
15.42	8.67	10.55	10.61	-0.73126	4.46E-10
22.32	21.72	21.16	22.84	-0.21232	0.019966
11.05	14.17	13.49	12.6	0.144023	0.329256
10.71	26.29	20.96	23.63	0.855852	9.37E-15
35.79	34.29	29.42	31.89	-0.16154	0.233531
25.77	41.45	38.31	38.29	0.505787	2.57E-08
0.04	0.03	0.01	0.03	0.420876	0.569444
16.28	22.05	18.43	22.72	0.556456	3.14E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA

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2.57	4.46	12.45	10.9 NA	NA

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2.57	4.46	12.45	10.9 NA	NA
0	0	0	0 NA	NA
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0	0.09	0	0 NA	NA
0	0	0.08	0 NA	NA
0.88	0.31	0.42	0.66 -0.21311	0.803625
0.15	0.05	0.05	0 NA	NA
0	0.72	0.16	1.45 NA	NA
0.73	0.26	0.93	0.48 -0.31754	0.669022
0	0.1	0	0.11 NA	NA
0.11	0	0	0 NA	NA
0.6	0.97	1.37	0.7 0.008768	0.99316
1.34	0.94	1.55	2.61 -0.25525	0.452561
0.16	0	0.25	0.23 NA	NA
0	0	0	0 NA	NA
0.1	0	0.02	0.1 NA	NA
0.08	0	0.04	0.02 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0.05	0.26 NA	NA
0	0.75	0.44	1.19 NA	NA
0.1	0.21	0.43	0.3 NA	NA
0.2	0.05	0.11	0.25 NA	NA
0.74	0.72	0.76	0.88 -0.09355	0.865089
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.85	1.97	2.92	3.38 0.180172	0.8004
0	0	0	0 NA	NA
0.45	0.96	0	0.35 NA	NA
0	0	0	0 NA	NA
0.05	0.03	0.11	0.11 NA	NA
0	0	0	0 NA	NA
0.15	0	0	0.11 NA	NA
0.89	0.48	0.88	0.82 0.016463	0.984596
0.51	0.72	0	0 NA	NA
0.39	0	0.07	0 NA	NA
0.43	0.45	0.42	0.18 0.251328	0.763465
0.19	1.14	0.77	0.73 1.460186	0.002202
0	0	0	0 NA	NA
0	0	0	0.45 NA	NA
0.15	0.26	0	0.77 -0.19347	0.815512
25.11	26.65	25.83	26.68 0.00508	0.972665
0	0.06	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.18	1.13	0.59	0.97 -0.52021	0.380666
0	0	0	0 NA	NA

0.5	0.37	0.2	0.37	-0.36237	0.579435
0.44	0.33	0.65	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.02	0	NA	NA
0	0.06	0	0	NA	NA
1.56	1.76	1.22	1.34	0.313392	0.580536
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.28	NA	NA
0	0	0	0	NA	NA
0.11	0	0.04	0.03	NA	NA
0	0.41	0.13	0	NA	NA
0.39	0.59	0.17	0.43	NA	NA
0	0.14	0.07	0.33	0.122911	0.887602
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0.4	0	0.45	0	-0.51112	0.489193
0.17	0.25	0.21	0.24	-0.25239	0.733948
0.28	0.18	0.34	0.43	-0.02384	0.978992
0	0	0	0	NA	NA
1.21	1.8	2.28	1.97	0.44489	0.363057
0.06	0.02	0.07	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.13	0.08	0.2	-0.41111	0.578953
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.5	6.96	5.6	5.26	0.719235	0.009279
29.27	20.02	27.61	23.68	-0.10541	0.570103
1.43	0.8	0.92	1.09	-0.46003	0.031607
0.43	0.2	0.14	0	NA	NA
0.08	0.01	0	0	-1.73868	0.002722
0	0	0	0	NA	NA
0	0	0.03	0.02	NA	NA
0.07	0	0	0	NA	NA
6.87	9.61	7.57	8.16	0.014687	0.961003
6.2	3.58	3.8	2.78	-0.42819	0.299692
0.29	0.25	0.28	0.32	-0.36566	0.222571
0.01	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.04	0	NA	NA
1.55	1.12	1.09	1.44	-0.73688	0.083453
3.85	3.18	1.89	1.83	-0.57054	0.226938

1.16	0.84	1.42	1.09	-0.16306	0.817702
0.01	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.08	0.53	0.17	-0.64284	0.352494
309.55	297.36	294.77	276.79	-0.10386	0.341896
0.81	0.45	1.34	0.41	-0.05521	0.947179
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
43.84	74.77	64.45	68.82	0.482458	3.23E-07
22.63	16.38	17.2	19.76	-0.1359	0.320068
0.11	0.03	0.12	0.03	-0.46581	0.532341
0.56	0.13	0.61	0.83	0.311573	0.689697
2.42	2.84	2.83	3.5	0.030767	0.936914
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0.03	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.54	0.47	0.65	0.78	0.449029	0.547698
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.11	0.4	0.11	NA	NA
59.47	52.15	58.54	56.46	-0.04532	0.783179
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.06	8.36	9.62	9.13	0.080989	0.707575
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.99	6.93	6.55	5.63	-0.06166	0.831092
0.09	0.04	0.02	0.09	-0.37525	0.629771
0.69	0.29	0.39	0.12	-0.32293	0.64404
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0.03	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0.06	0.49	0.34	0.74	1.58641	0.00695
0.02	0	0.02	0.01	NA	NA
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	1.22	0.67	0.92	0.289644	0.561879
0	0	0	0	NA	NA
31.43	31.17	32.16	27.55	-0.01221	0.93583
0.07	0.09	0.49	0.08	0.292181	0.720677
0.08	0.19	0.18	0.08	-0.129	0.882035
0	0	0	0	NA	NA
13.88	14.73	16.31	16.75	0.085377	0.579259
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.7	7.3	5.73	6.3	-0.2144	0.172931
0.04	0.03	0.09	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.87	0.4	0.53	0.5	-0.61302	0.101637
6.83	8.51	7.61	9.26	0.197493	0.252336
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.09	5.33	4.44	3.47	0.043347	0.859382
0	0	0	0.01	NA	NA
0	0	0.15	0	NA	NA
18.06	18.86	18.65	17.87	0.133024	0.194662
0	0	0	0	NA	NA
0.45	0.16	0.59	0.56	0.2902	0.66874
5.68	5.83	5.58	5.53	0.078305	0.714806
0.34	0.33	0.28	0.25	-0.27259	0.455955
0.05	0	0	0	NA	NA
8	8.59	8.37	8.18	0.143639	0.327465
0	0	0	0	NA	NA
1.73	3.7	3.48	2.26	0.857561	0.000649
0	0	0	0	NA	NA
4.42	5.73	4.33	4.78	0.153271	0.504223
5.94	6.36	5.47	5.7	0.178209	0.486638
7.64	9.6	7.64	9.04	0.021742	0.925277
0	0	0	0	NA	NA
0	0	0	0	NA	NA

2.75	2.62	2.72	3.69	-0.11375	0.717625
0.38	0.09	0.3	0.04	-0.11714	0.890364
0	0.03	0.43	0.17	0.477493	0.514255
0	0	0.05	0	NA	NA
1.12	1.56	2.13	2.44	0.210937	0.504854
2.82	2.45	2.37	2.57	-0.20973	0.294358
7.49	8.86	8.26	8.07	0.117052	0.423669
0.03	0	0.02	0.03	NA	NA
0	0.03	0	0	NA	NA
1.72	2.95	2.14	2.48	0.553839	0.00045
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
31.48	61.25	54.98	57.68	0.727693	1.84E-16
12.6	15.92	16.5	19.06	0.483932	6.72E-09
5.58	3.56	4.77	4.09	-0.66618	0.002746
22.7	37.19	31.78	30.87	0.559964	0.000663
23.91	24.2	24.85	23.41	-0.04081	0.795652
1.82	1.78	1.83	0.89	-0.40721	0.404386
22.45	24.9	22.51	22.21	-0.0392	0.788375
14.77	15.66	14.67	14.63	0.09764	0.626883
0.23	0.4	0.16	0.25	-0.08133	0.9301
0	0	0	0	NA	NA
0.15	0.15	0.3	0.14	0.072418	0.923857
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
65.67	82.5	82.32	83.21	0.192098	0.025835
7.02	5.62	6.76	6.44	-0.28353	0.278342
3.81	5.29	4.26	5.9	0.673983	0.02269
275.62	159.01	188.75	196.4	-0.69144	NA
37.34	38.71	37.58	42.27	0.046675	0.76851
6.56	15.68	9.77	16.25	0.844793	8.79E-09
6.25	6.61	4.97	4.34	-0.12712	0.506437
22.94	26.65	26.25	26.58	0.2397	0.089906
0.11	0.05	0.08	0.09	0.202198	0.813172
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

2.54	7.51	4.33	5.77	1.057845	3.39E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	1.79	2.78	2.58	1.437089	1.21E-05
23.22	19.84	21.78	24.17	-0.1456	0.216148
1.24	1.17	1.35	1.4	0.111483	0.858262
27.17	30.12	30.99	28.39	0.029091	0.875035
41.13	48.08	47.9	49.02	0.205198	0.021105
2.18	1.86	1.78	2.11	0.535258	0.158707
2.63	4.33	4.09	3.81	-0.03686	0.932479
3.36	4.48	5.01	3.95	0.263781	0.366719
16.75	15.42	16.8	17.94	0.0076	0.975146
0.04	0	0	0	NA	NA
0	0.1	0	0.21	NA	NA
0	0	0	0	NA	NA
0.03	0	0.09	0.11	NA	NA
14.69	17.66	13.98	14.32	-0.02262	0.927899
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.36	9.04	8.11	8.14	-0.06732	0.789218
20.19	25.15	21.14	22.56	0.012793	0.939367
0	0	0	0	NA	NA
32.37	39.69	38.86	33.08	-0.00222	0.991817
0.18	0.43	0.41	0.38	0.773408	0.19922
0.12	0.02	0.18	0.02	-1.01125	0.102096
0	0	0.07	0	NA	NA
0.03	0.02	0	0.08	NA	NA
4	3.11	3.23	3.24	-0.42882	0.055689
0	0	0	0	NA	NA
38.55	34.61	38.06	35.25	-0.0508	0.753244
25.95	18.17	21.55	21.16	-0.20373	0.058085
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.15	1.58	1.14	1.38	-0.71824	0.039042
0	0	0	0	NA	NA
0	0.19	0	0.04	NA	NA
78.81	56.28	59.3	56.63	-0.47371	8.67E-10
152.82	144.64	148.94	147.9	-0.11624	0.246731
29.87	43.51	44.44	42.57	0.437303	3.90E-06
31.71	42.6	41.12	42.23	0.372527	1.57E-05
0.53	0.91	1.29	1.11	0.594807	0.12326
23.7	16.63	18.66	18.81	-0.31189	0.079428
0	0	0	0	NA	NA
12.8	14.3	15.31	13.58	0.123875	0.364831

0.42	0.21	0.23	0.13	-1.09456	0.029497
8.64	5.99	6.63	6.59	-0.40614	0.219025
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
18.4	14.24	13.38	13.45	-0.46077	0.00031
4.31	3.47	2.41	3.74	-0.57762	0.02879
0	0	0	0	NA	NA
0.14	0	0.07	0.05	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
18.31	27.3	22.87	24.28	0.392376	0.00076
0.99	0.87	1.74	1.71	0.056383	0.94163
0	0	0	0	NA	NA
0	0	0	0	NA	NA
94.58	108.67	101.27	97.28	0.085209	0.488324
0	0	0	0	NA	NA
10.21	18.79	12.64	17.26	0.495011	0.002081
10.13	12.26	10.37	12.47	0.182274	0.249962
0.04	0.05	0.05	0.07	0.659676	0.327008
3.49	2.18	2.73	2.21	-0.55672	0.17191
0.02	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
73.85	96.3	97.54	95.68	0.341415	3.40E-05
0	0	0	0	NA	NA
32.05	36.09	34.69	37.13	0.042743	0.699552
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0	NA	NA
14.35	11.9	12.89	13.81	-0.17457	0.298466
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.47	3.55	2.92	1.89	-0.22591	0.485787

9.49	7.42	8.91	7.7	-0.01255	0.958937
0.13	0	0.03	0	NA	NA
2.1	1.69	1.54	1.36	-0.089	0.805024
15.72	23.22	18.46	21.21	0.307883	0.032346
1.65	2.3	2.03	1.7	0.166321	0.652115
829.36	1161.61	1097.07	1358.86	0.514641	2.00E-09
0	0.1	0.09	0.43	NA	NA
0	0	0	0	NA	NA
0.78	0.98	1.05	1.14	0.17815	0.73757
0	0	0	0	NA	NA
10.28	5.44	5.79	6.19	-0.58503	8.54E-05
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
2.99	0.84	1.48	1.43	-1.23991	1.33E-05
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.44	0.39	1.22	0	NA	NA
11.39	18.07	13.57	14.95	0.30884	0.010081
6.56	7.17	6.31	7.54	0.355304	0.103418
22.56	23.29	22.13	22.45	-0.01756	0.924989
10.22	12.56	10.49	15.11	0.373668	0.001561
0.13	0	0.09	0	NA	NA
0	0	0	0	NA	NA
28.53	35.21	32.3	33.87	0.198811	0.054107
5.39	6.31	6.25	6.03	0.105446	0.627882
0.02	0.05	0.05	0.05	NA	NA
42.67	35.39	27.21	32.72	-0.48076	1.21E-05
0	0.02	0.27	0.47	NA	NA
0	0	0	0	NA	NA
0	0.02	0.08	0.1	NA	NA
0.95	1.2	1.16	0.7	-0.5169	0.1693
40.99	55.04	47.16	53.54	0.21484	0.034292
167.74	164.85	155.91	165.02	-0.16242	0.042738
0	0	0	0	NA	NA
6.77	7.69	6.89	6.46	-0.03638	0.879805
0	0	0	0	NA	NA
3.14	3.23	3.2	3.61	0.241603	0.301378
0	0	0	0	NA	NA
3.56	4.62	3.38	3.98	0.043269	0.873465
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.18	0.24	0.51 0.884779	0.163716
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0.07 NA	NA
17.48	24.17	21.58	22.97 0.267692	0.011431
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.05	0	0.03 NA	NA
0.51	0.31	0.56	0.22 -0.67119	0.119801
0	0	0	0.03 NA	NA
0.17	0.36	0.4	0.33 -0.11237	0.895538
1.99	1.01	1.23	1.66 -0.37837	0.334001
6.1	12.01	11.69	15.04 0.853726	2.65E-10
0	0	0	0 NA	NA
0.49	1.48	1.75	0 0.51838	0.481067
0	0.03	0.06	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.12	0.11	0.1 -0.58789	0.388677
0	0	0	0 NA	NA
0	0.04	0.03	0 NA	NA
0.67	0.33	0.1	0 NA	NA
0	0	0	0 NA	NA
0.71	3.97	2.54	2.02 0.811351	0.033686
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.29	0.47	0.33 0.072108	0.927017
0.06	0.54	1.23	0.93 NA	NA
0	0	0	0 NA	NA
22.83	26.3	31.3	24.59 0.260431	0.12231
0	0.11	0	0.11 NA	NA
0.94	0.1	0.68	0.22 -0.38984	0.594701
2.91	1.51	3.04	1.35 -0.43429	0.243338
16.99	17.23	16.6	18.81 -0.00507	0.979253
74.06	48.08	49.62	50.02 -0.63872	9.50E-19
0	0	0	0 NA	NA
0.16	0.05	0.09	0.08 -0.70722	0.306849
0.43	0.08	0.18	0.2 -0.77545	0.117656
32.44	29.18	32.77	32.79 -0.08783	0.510262
5.13	4.61	5.6	5.69 -0.07425	0.809911
6.52	6.09	8.17	7.84 -0.18342	0.379675

0.15	0.22	0.07	0.12	NA	NA
0.33	7.26	1.74	3.79	2.363974	6.56E-07
0.09	0	0.02	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.26	0.07	0.16	1.595243	0.005834
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.16	3.9	2.96	3.32	0.752518	0.001188
0.46	0	0	0.17	NA	NA
0.14	0.2	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.08	3.05	3.77	3.88	0.07079	0.819338
2.83	3.89	3.91	3.24	-0.16076	0.611377
0.67	0.44	0.48	0.75	-0.21933	0.58768
0	0	0	0	NA	NA
0.05	0.21	0.07	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.77	0.22	0.37	0.27	-0.96832	0.0253
0.14	0.1	0.04	0.22	-0.53002	0.469954
3.48	0.19	0.35	0.36	-2.7883	1.61E-15
6.14	5.67	6.11	6.61	-0.01267	0.95921
2.02	1.59	1.83	1.82	-0.28254	0.278147
0	0	0	0	NA	NA
0	0.04	0.06	0.02	NA	NA
0	0	0	0	NA	NA
8.46	5.61	7.13	7.9	0.080506	0.836229
0.65	0.78	0.54	0.89	-0.34772	0.344481
2.06	1.05	1.01	1.42	-0.934	4.05E-06
0.08	0.09	0.02	0.02	NA	NA
0.06	0.02	0.05	0.01	-0.28829	0.725232
0.04	0.02	0	0	NA	NA
0.09	0.05	0.14	0.03	0.034838	0.972078
0	0	0.02	0	NA	NA
0.14	0.17	0.2	0.15	-0.10052	0.856269
0.08	0.02	0	0.02	NA	NA
0.03	0	0.02	0.02	NA	NA

0	0	0	0 NA	NA
9.62	12.26	10.13	10.58 0.440775	0.00054
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.19	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.99	0.76	1	1.06 -0.0331	0.952639
0	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.08	0.16	0.31 0.724786	0.285616
0	0.01	0.01	0.02 -0.36015	0.646545
0.51	0.43	0.31	0.82 0.256828	0.72824
0	0	0	0 NA	NA
0.02	0.08	0.08	0 NA	NA
0.03	0.32	0	0.1 NA	NA
0.01	0	0	0.01 NA	NA
0	0.08	0	0 NA	NA
5.19	6.14	4.6	5.32 0.229645	0.135302
0	0	0	0 NA	NA
3.69	3.43	3.19	4.42 0.30017	0.522846
5.53	7.29	7.36	6.72 -0.04433	0.849773
0.56	0.2	0.15	0.48 -0.14872	0.864443
0.07	0.06	0.31	0.07 0.169036	0.845576
0	0	0	0 NA	NA
4.73	3.41	3.5	2.1 -0.51883	0.180088
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.45	1.43	2.02	2.34 0.393994	0.455983
18.07	16.36	15.04	14.05 -0.18121	0.27087
7.38	9.28	9.65	9.82 0.173324	0.463998

0.1	0.07	0.13	0	NA	NA
41.81	49.93	44.49	47.55	0.089816	0.597345
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0.11	0.09	0.34	0.26	NA	NA
1.96	1.18	1.16	1.39	-0.65581	0.000197
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.84	3.57	2.78	3.26	0.373651	0.034371
2.76	1.62	2.37	1.95	-0.79043	0.000155
0.13	0.04	0.31	0.18	-0.61729	0.377071
0	0	0	0	NA	NA
36.09	35.51	54.37	47.43	0.300033	0.026814
0	0	0	0	NA	NA
20.78	25.12	20.07	26.09	0.410756	0.011176
2.87	0.84	2.07	1.47	-1.08215	0.000259
0	0	0	0	NA	NA
1.32	0.15	0.07	1.5	-0.50862	0.483465
0.06	0	0.05	0	NA	NA
0	0	0	0	NA	NA
17.5	22.21	22.04	23.82	0.219865	0.086711
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.36	4.03	5.12	4.59	-1.08352	4.39E-14
0.15	0.2	0.17	0.19	0.433788	0.375128
0	0	0	0	NA	NA
0.18	1.76	0.39	1.18	1.529471	0.009873
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	1.08	0.31	0.79	1.440519	0.015203
0	0	0	0	NA	NA
45.25	28.74	39.29	32.87	-0.45347	5.96E-05
0.1	0.42	0.09	0	NA	NA
0.37	0.55	1.09	0.37	-0.40509	0.510534
0	0	0	0	NA	NA
0	0	0	0	NA	NA
43.49	42.2	36.74	41.87	-0.12683	0.384119
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.02	0.06	0.06	NA	NA

2.06	10.6	4.72	7.74	2.260279	7.55E-23
35.61	33.32	26.04	31.27	0.268127	0.00449
89.51	86.17	90.67	78.35	-0.19501	0.083453
8.81	9.48	11.33	11.79	-0.2152	0.096129
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.99	NA	NA
1.31	1.87	1.34	2.33	0.373601	0.616695
2.03	3.15	3.34	4.27	0.130495	0.704761
0.54	1.24	0.85	1.11	0.348444	0.603717
0	0	0	0	NA	NA
13.55	2.87	4.27	2.6	-2.0044	2.31E-29
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.05	5.85	5.85	6.09	0.271304	0.016598
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
6.42	9.75	10.38	8.73	0.442236	0.010028
0	0	0	0	NA	NA
0.04	0.17	0.1	0.16	0.942296	0.13748
0	0	0	0	NA	NA
0.03	0.13	0.24	0.3	-0.5548	0.447184
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.47	1.13	1.13	1	-0.07111	0.916338
0.1	0	0	0	NA	NA
2.33	1.69	1.94	2.01	-0.17308	0.636881
6.23	4.84	4.64	4.47	-0.6297	0.000146
0.41	0.13	0.38	0.23	-0.039	0.967875
2.73	2.36	2.9	3.1	0.387247	0.27836
0	0.05	0.03	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.27	0.33	0.15	-0.2728	0.715207
0.55	2.97	2.22	2.55	2.178225	3.08E-10
0.8	0.95	1.21	1.29	0.357735	0.491891
36.11	36.31	35.29	35.49	-0.04834	0.714743
0.7	0.67	0.68	0.99	-0.10935	0.800572

0	0	0	0	NA	NA
4634.03	2060.43	2803.4	2311.69	-0.94917	1.19E-19
43.47	46.06	40.62	37.39	-0.30717	0.092416
0	0	0	0	NA	NA
0.29	0.42	0.1	0.44	NA	NA
2.4	1.34	1.56	2.75	-0.16477	0.710388
0.5	0.57	0.77	0.53	0.357445	0.496199
10.03	11.68	7.9	8.01	-0.16786	0.541882
12.8	19.99	16.57	17.34	0.231688	0.254904
0.24	0.18	0.37	0.65	0.720391	0.231946
0	0	0	0	NA	NA
64.8	52.27	66.4	56.78	-0.10448	0.410083
2.95	2.18	2.21	2.45	-0.26677	0.558545
0.1	0	0	0	NA	NA
0.49	0	0.01	0.01	-1.11854	0.069779
3.74	2.51	2.94	3.48	-0.32151	0.231365
0	0	0	0	NA	NA
0.63	4.42	4.64	0.01	0.044901	0.95329
0	0	0.07	0.02	NA	NA
0	0	0	0	NA	NA
0	0.04	0.04	0	NA	NA
0	0	0	0	NA	NA
18.88	16.78	16.4	17.09	-0.12679	0.465503
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	0.46	0.2	0.37	0.123465	0.882965
0	0	0	0	NA	NA
5.83	3.99	4.24	3.66	-0.43659	0.085592
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
3.73	3.5	2.26	2.64	0.189511	0.511644
0	0	0	0	NA	NA
0.32	0.17	0	1.04	0.353014	0.648711
4.04	6.41	6.68	7.5	0.229286	0.566887
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.64	1.33	4.41	2.67	-0.71982	0.091226
0	0	0	0	NA	NA
0.34	0.14	0.32	0.43	-0.04073	0.962486
0.1	0.13	0.07	0.17	-0.10259	0.907131
0	0.05	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.42	0.3	0.23	0.34	-0.09505	0.91451
0	0	0	0	NA	NA
8.04	8.68	7.96	6.66	-0.02163	0.950892
0.32	1.07	1.06	1.21	0.845046	0.018157
0	0	0	0	NA	NA
0	0	0	0	NA	NA
30.32	16.05	21.95	22.59	-0.65241	5.76E-10
10.4	15.65	12.51	13.47	0.49939	2.10E-05
0.24	0.21	0.26	0.15	-0.40777	0.513385
0	0	0	0	NA	NA
0	0	0	0	NA	NA
53.67	36.69	46.5	46.04	-0.36413	0.000699
0	0	0	0	NA	NA
0	0.01	0	0.01	NA	NA
0	0.01	0	0.01	NA	NA
19.95	15.59	19.68	14.02	-0.34335	0.02461
3.7	2.82	2.75	2.43	-0.59248	0.02999
10.1	9.38	9.39	9.82	-0.09327	0.464212
0	0	0	0	NA	NA
0.84	1.37	1.04	0.73	-0.08407	0.898718
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.01	0.05	0	NA	NA
0.04	0	0	0	NA	NA
0.36	0.53	0.47	0.53	-0.45344	0.450679
0	0	0.03	0	NA	NA
1.58	0.27	0.35	0.36	-2.16485	2.29E-12
4.55	4.8	4.23	4.8	0.071487	0.760373
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0.07	0.04	NA	NA
0	0	0	0	NA	NA
0.05	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.05	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0.15	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.13	1.56	1.39	1.29	-0.14925	0.824714
0	0	0.04	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.78	8.12	8.43	8.8	-0.40761	0.012039
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.38	10.25	10.02	11.35	0.029301	0.861365
0.66	0.34	0.08	0.26	-0.82744	0.199168
0	0	0	0	NA	NA
0.13	0.16	0.34	0.13	0.160697	0.850235
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0.17	0.46	0.28	-0.57564	0.365344
0	0	0	0	NA	NA
48.06	55.08	54.1	55.76	0.192011	0.053671
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.06	0.1	0.11	-0.17617	0.840815
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.58	3.26	4.85	4.16	-1.41627	1.42E-22
15.34	11.77	15.14	12.48	-0.29366	0.100619
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	1.64	0.23	0.66	3.103668	1.22E-10
15.11	14.43	16.64	13.86	-0.01074	0.953655

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.04	0.05	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.19	0.09	0.04 NA	NA
0	0	0.09	0.12 NA	NA
2.31	0.86	1.17	1.44 -0.67763	0.05375
0.31	0	0	0 NA	NA
1.56	1.78	1.18	1.19 -0.7994	0.02261
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0.65	0	0	0 NA	NA
0.79	0.58	0	0.19 NA	NA
14.23	9.9	9.87	11.21 0.050179	0.801929
0.04	0.03	0.06	0 NA	NA
0	0.25	0	0.09 NA	NA
0	0	0	0 NA	NA
0.15	0.32	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.36	0.14	0.37 0.497366	0.327079
0	0	0	0 NA	NA
0.91	0.5	0.79	1.19 -0.22006	0.700418
0.03	0	0.15	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.03	0.01	0.17 -0.63822	0.366719
1.96	2.11	2.06	2.86 0.599201	0.045801
4.29	9.79	8.9	10.22 0.721835	0.000891
1.01	0.68	0.47	0.7 -0.19636	0.794236
0	0	0	0 NA	NA
0.09	0.02	0.01	0.07 NA	NA

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2227.22	2283.46	2255.1	2208.06	-0.0315	0.747413
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0	0	0	0	NA	NA
36.44	42.75	32.49	36.17	-0.04839	0.791619
0.04	3.06	1.2	2.25	2.867119	7.72E-15
43.89	60.12	53.45	57.76	0.35007	0.003248
1.33	1.63	1.46	1.18	-0.35874	0.459916
0	0	0	0	NA	NA
0.07	0.41	0.19	0.56	0.886128	0.169106
16.74	22.76	18.05	20.4	0.470954	0.000126
11.8	17.15	12.68	16	0.362117	0.004026

368.5	427.67	466.92	445.86	0.239279	0.003248
18.37	22.28	17.73	14.93	0.095142	0.538388

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
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7.71	4.18	4.42	4.43	-0.75234	1.04E-07
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1.98	2.83	3.24	1.46	0.119979	0.882669
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0	0	0.52	0.2 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0.32	0.32	0.23	0.45 -0.12088	0.884731
0.07	0.05	0.05	0 NA	NA
0.16	0.06	0.16	0.12 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.57	2.87	5.56	4.72 0.048543	0.939167
0.36	0.13	0.12	0 NA	NA
9.29	8.45	11.71	10 -0.10685	0.684108
0	0	0	0 NA	NA
0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.5	4.91	4.16	5.2 0.147829	0.323263
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0	0.06 NA	NA
0.1	0	0	0 NA	NA
0.16	0.04	0	0 NA	NA
9.29	8.77	10.12	9.44 -0.12694	0.486424
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.67	0.24 0.060522	0.945788
0	0	0	0 NA	NA
0	0	0.71	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.65	3.13	3.43	4.04 0.522461	0.136756
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2544.41	3102.89	2994.03	2866.41 0.260554	0.000807
0.14	0.21	0.16	0.15 0.136266	0.866298
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0.41	0.37	NA	NA
0.13	0.05	0.16	0.16	NA	NA
5.08	4.19	3.77	3.67	-0.68247	8.39E-05
0	0	0	0	NA	NA
0.05	0.05	0.06	0.07	-0.20753	0.80248
1.02	1.64	0.22	0.44	NA	NA
0	0.29	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.18	0	NA	NA
0	0	0	0	NA	NA
16.09	13.27	12.99	14.29	-0.19725	0.26436
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4	2.23	4.19	2.67	0.256677	0.352007
0	0	0	0	NA	NA
0.61	0.87	0.75	0.86	0.419967	0.334623
14.24	20.2	16.75	18.92	0.284531	0.009576
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.82	1.66	1.55	1.18	-0.63186	0.00379
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.4	0.22	0.15	0.17	-0.85915	0.110135
0	0.22	0	0	NA	NA
0	0	0	0.17	NA	NA
0.27	0	0	0	NA	NA
0.4	1.05	0.65	1.05	0.753063	0.215995
0	0	0.27	0	NA	NA
7.04	8.93	8.36	8.27	-0.00139	0.994947
0	0	0	0	NA	NA

5.57	7.76	8.1	7.78	0.580432	6.94E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.75	1.18	1.76	0.72	0.165081	0.809404
1.89	1.71	1.8	2.16	-0.22686	0.401103
0.58	0.21	0.03	0.43	NA	NA
0	0	0	0	NA	NA
0.72	0.58	0.62	0.59	0.028121	0.967526
0	0	0.05	0	NA	NA
9.62	8.83	9.28	9.3	-0.061	0.677137
0	0.1	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0.49	0.34	0.19	0.51389	0.46341
0	0	0	0	NA	NA
0	0	0.03	0.06	NA	NA
0.11	0	0	0.1	NA	NA
0.05	0.03	0	0	NA	NA
0	0	0	0	NA	NA
2.8	1.97	2.28	1.71	0.054212	0.862624
0	0	0	0	NA	NA
0.43	0.25	0.35	0.35	-0.35258	0.65463
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
0	0.19	0	0.2	0.206466	0.797097
0	0	0	0	NA	NA
0.31	0.22	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.53	4.99	4.96	5.57	0.03455	0.93072
0	0	0	0	NA	NA
9.51	7.85	8.15	7.68	-0.29884	0.339607
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0.11	0.24	0.07	0.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.81	1.29	0.7	0.47	0.044065	0.952539

0	0	0	0	NA	NA
0	0.12	0.61	0.39	NA	NA
86.45	53.86	54.17	53.41	-0.60564	1.68E-06
2.48	0	1.77	0.97	-0.44529	0.554664
0	0	0	0	NA	NA
0.73	0.17	0.33	0.31	-0.22562	0.791573
0	0	0	0	NA	NA
0	0.07	0.06	0.58	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.75	0.31	1.25	0.47	-2.02935	1.88E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
52.98	47.84	57.35	37.95	-0.02305	0.944642
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.6	2.35	2.39	1.4	0.431168	0.463597
3.36	0.91	1.22	0.97	-0.81394	0.002704
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.07	27.64	39.9	24.15	-0.15244	0.685207
3.65	7.3	4.86	5.29	0.497179	0.007067
0	0	0	0	NA	NA
0	0	0.08	0.09	NA	NA
1.27	1.37	1.62	2.08	0.527425	0.195652
0	0	0	0	NA	NA
0	0.05	0.01	0	NA	NA
0.14	0.16	0.35	0.41	0.088581	0.921496
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.38	0.24	0.27	0.35 -0.9861	0.116527
0.3	0.36	0.25	0.28 -0.32183	0.614315
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
3.81	10.9	7.23	8.23 0.641592	0.031343
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0.4	0.42	0.06	0.15 -0.54757	0.428887
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.05 NA	NA
0	0	0.02	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.03	0.04	0.09 -0.30635	0.703988
1.69	0.86	0.16	0.76 -0.49971	0.501857
33.23	53.14	49.96	40.25 0.115858	0.427522
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0.11	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.31	0.34	0.34 -0.27916	0.681006
0	0	0	0 NA	NA
0	0.12	0.12	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.02	0.02	0 NA	NA
0	0	0.14	0 NA	NA
10.75	12.19	12.09	12.21 0.127376	0.274302
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.21	0.04	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0.17	0	0	0.13	NA	NA
1.69	1.26	1.31	0.86	-0.46593	0.15537
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.37	0.5	0.19	NA	NA
0	0.12	0.11	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.28	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.19	1.5	3.64	2.09	-0.75544	0.079037
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.46	7.24	6.26	6.51	0.140586	0.62424
0.03	0	0.02	0	NA	NA
18.54	15.04	15.35	16.77	-0.21087	0.170856
6.64	7.77	7.17	6.78	0.350073	0.014595
0	0	0	0	NA	NA
0	0.28	0.39	0.44	NA	NA
1.47	1.36	1.25	1.04	-0.06376	0.910474
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0.06	0.07	NA	NA
0	0	0	0	NA	NA
2.66	1.57	2.16	0.59	-0.09537	0.90979
0	0.1	0	0	NA	NA
0	0	0	0	NA	NA
38.81	12.51	17.89	14.29	-1.4165	7.85E-25
0	0	0	0	NA	NA
0	0.36	0	0	NA	NA
0.5	0.36	0.17	0.39	0.21393	0.802539
0	0	0	0	NA	NA
0.14	0.05	0.1	0	NA	NA
8.58	9.98	9.59	9.98	0.212428	0.202153
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0.21	0.95	0.29	0.258541	0.756231
0	0	0	0	NA	NA
1.02	0.76	1.28	0.83	-0.20919	0.491527
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.07	8.02	11.27	12.2	-0.5322	0.004695
5.36	5.38	4.32	8.86	-0.46228	0.054722
0	0.07	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.66	0.32	0.31	0.72	-0.47276	0.414206
0.92	0.22	0.71	0.92	-0.81358	0.200269
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.12	1.71	3.13	2.74	0.534984	0.120665
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0	0	0	NA	NA
0.51	0.98	1.52	0.64	0.237376	0.774862
0	0	0.08	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.75	0	0	0	NA	NA
0.09	0.2	0.19	0	NA	NA
5.57	7.52	7.61	8.22	0.302196	0.034735
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.21	0.19	0.11	NA	NA
0	0	0	0	NA	NA
0.51	1.1	0	0	NA	NA

13.88	5.41	7.09	7.29	-1.09886	2.95E-19
7.29	6.69	8.32	7.23	0.054404	0.747737
61.1	52.9	50.19	48.56	-0.37397	0.000212
1.77	1.37	1.53	1.23	-0.09726	0.898972
0.05	0	0.07	0.05	NA	NA
0	0	0	0	NA	NA
0.02	0.04	0.08	0.14	-0.24311	0.773158
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0.19	0	0.61	0.28	NA	NA
0	0.04	0.05	0.02	NA	NA
0.04	0.06	0	0	NA	NA
0	0.01	0.01	0.01	NA	NA
3.22	3.12	2.9	3.02	0.096561	0.642754
0	0	0	0.71	NA	NA
0	0	0	0	NA	NA
18.29	32.84	24.44	28.12	0.723356	1.32E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.98	8.44	6.97	10.15	0.092476	0.590945
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0	0	0	NA	NA
4.79	6.55	6.42	6.94	0.250169	0.113404
0	0	0.09	0.08	NA	NA

0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
14.06	11.89	14.48	14.2 0.002933	0.990286
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0.09	0.17	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
81.49	102.63	110.52	107.05 0.350667	2.32E-05
0	0	0	0 NA	NA
2.68	3.4	3.47	3.15 0.098202	0.719609
0	0	0.04	0.04 NA	NA
0	0	0.12	0 NA	NA
26.24	45.38	36.89	40.41 0.608747	6.03E-08
0	0	0.05	0 NA	NA
0.29	0	0	0 NA	NA
5.08	4.55	4.08	2.86 0.177878	0.789073
0.3	0.21	0.19	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0.17	0.36	0.11	0 NA	NA
283.92	262.71	281.69	274.98 -0.10426	0.243008
38.18	39.38	39.89	34.19 -0.03439	0.850231
0	0	0	0 NA	NA
0	0	0.06	0.13 NA	NA
56.68	40.6	53.2	48.72 -0.33907	2.62E-05
25.97	26.57	25.78	26.66 -0.03892	0.777313
0	0.57	0	0 NA	NA
2.45	2.02	1.83	2.22 0.025733	0.959486
39.1	47.55	46.38	46.36 0.246801	0.009251
0.17	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
5.17	0.83	7.08	7.67	-0.11996	0.895033
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.07	1.63	1.45	1.87	0.009181	0.988237
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.52	2.71	3.37	3.24	0.365491	0.315688
0	0	0	0	NA	NA
0.15	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0.19	0.12	NA	NA
9.77	12.62	13.45	15.15	0.289513	0.017063
0	0	0	0	NA	NA
44.67	48.36	44.96	45.41	0.006094	0.967323
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.5	15.74	13.55	16.43	0.339411	0.074285
0	0	0	0	NA	NA
0.36	0.26	0.26	0.44	-0.02857	0.973164
9.35	22.83	15.75	20.37	1.032875	7.13E-16
0.14	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.74	11.03	10.14	9.97	-0.31317	0.004482
1.59	2.64	2.31	2.28	0.463923	0.426494
0	0	0	0	NA	NA
0.16	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0.23	0.33	0.08	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
165.78	212.3	189.77	195.02	0.181791	0.06412
0	0	0	0	NA	NA
71.08	53.72	69.93	63.06	-0.24999	0.028736
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0.04	0.09	NA	NA
929.27	814.94	874.12	762.4	-0.22627	0.037253
2.78	1.6	1.67	2.09	-0.93633	0.001661
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
17.93	22.09	17.82	20.93	0.252919	0.024334
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0.13	0	NA	NA
0	0	0	0	NA	NA
2.55	1.49	2	2.37	-0.97134	0.000576
0	0	0	0	NA	NA
6.64	4.96	5.52	6.59	-0.09045	0.600485
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.5	0.26	NA	NA
0	0.29	0	0	NA	NA
0.3	0.3	0.13	0.17	-0.37808	0.626953
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.31	10.94	10.91	8.92	-0.15408	0.420173
0	0	0	0	NA	NA
25.45	22.68	24.12	22.81	-0.14339	0.237304
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
0.74	1.25	1.2	1.64	0.3168	0.306481
0	0	0	0	NA	NA
2.32	1.64	1.58	2.46	-0.07623	0.801182
1.55	1.04	1.05	0.32	-0.43733	0.395849
0	0	0	0	NA	NA

0	0	0	0.06	NA	NA
0.12	0.09	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0	0.23	0	NA	NA
0	0	0.15	0	NA	NA
0	0	0	0	NA	NA
3.4	2.45	1.8	2.43	-0.27006	0.514255
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.05	5.2	6.96	6.04	-0.27015	0.047695
0	0	0	0	NA	NA
0.35	0.32	0.65	0.8	0.457505	0.535925
0	0	0	0.05	NA	NA
16.43	17.3	20.3	19.89	-0.00888	0.962234
0	0	0.74	0	-0.06362	0.888287
0	0	0	0	NA	NA
0.43	0.3	0.25	0.53	-0.46406	0.536828
0	0	0.16	0	NA	NA
2.42	1.28	1.12	1.93	-0.59519	0.175539
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0.13	0	NA	NA
0.09	0.06	0.17	0.13	NA	NA
0	0	0	0	NA	NA
1.09	0.5	0.73	0.6	-0.73765	0.246804
0	0.05	0	0.1	NA	NA
1.01	1.27	1.3	1.11	0.167851	0.725188
0.34	0.45	0.45	0.84	-0.41166	0.560623
0	0	0	0	NA	NA
0	0.03	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.46	0.49	0.51	0.26	-0.15305	0.837191
1.6	2.04	2.23	2.72	0.218586	0.478513
3.89	4.55	2.73	4.12	0.180908	0.801875
1.71	0.98	1.27	2.03	-0.25048	0.513736
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.91	0.7	1.02	1	-0.0387	0.963466
7.88	5.6	5.78	5.74	-0.56289	4.14E-05
9.76	13.96	10.55	13.02	0.105271	0.739018
0	0	0	0	NA	NA
65.03	102.83	89.26	107.31	0.562433	1.11E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.16	0	0	NA	NA
33.64	32.92	33.68	34.23	-0.05901	0.701402
17.56	8	9.73	10.98	-0.76807	9.21E-08
0	0	0	0	NA	NA
0.37	0	0	0	NA	NA
1.16	0	0	0.21	NA	NA
0	0	0.02	0.1	NA	NA
0	0	0	0	NA	NA
0	0.18	0	0.38	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.47	25.27	21.41	22.99	0.776769	3.51E-13
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.43	1.38	0.88	1.6	-0.74935	0.020298
0	0	0	0	NA	NA
2.85	3.57	3.13	3.65	0.149232	0.528582
0.32	0.18	0.29	0.3	-0.57103	0.423274
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0.15	0.22	0.26	0.17	0.165872	0.846993
132.47	141.45	155.42	155.25	0.10629	0.305173
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.94	6.16	6.39	6.47	-0.3359	0.058578
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
2.87	2.17	3.88	2.12	-0.21361	0.694087
0	0.16	0.43	0	NA	NA
14.09	13.93	12.68	13.95	-0.09839	0.511909

0.55	0.45	0.5	0.44	-0.39428	0.532755
0.11	0.15	0.14	0.4	NA	NA
0.08	0.05	0.29	0.3	0.702995	0.304281
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
10.58	9.43	8.53	11.83	-0.01923	0.94312
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
17.81	12.3	20.14	17.64	-0.52423	2.19E-05
33.01	38.89	36.67	39.2	0.132712	0.21197
0	0	0	0	NA	NA
0	0	0	0	NA	NA
24.59	33.5	33.02	30.81	0.437559	0.003182
0	0	0	0	NA	NA
0.42	0.34	0.45	0.52	-0.06421	0.850224
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
31.17	40.33	36.9	37.71	0.130721	0.334056
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
114.31	93.62	95.92	96.81	-0.33441	7.90E-05
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
0	0.05	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0	0	NA	NA
76.38	60.37	64.37	64.41	-0.32229	0.000281
0	0	0	0	NA	NA
21.91	25.97	25.06	23.79	0.00132	0.995822
0	0	0	0	NA	NA

0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
2.39	0	1.04	0.57 NA	NA
0	0	0	0 NA	NA
3.48	2.6	3	2.27 -0.46471	0.076745
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.72	3.95	7.72	4.16 0.631273	0.103406
0	0	0	0 NA	NA
18.89	19.03	15.32	17.93 0.1462	0.368657
1.78	4.59	4.64	2.6 0.779325	0.002122
0.14	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.12	0.21	0.05 NA	NA
0	0	0	0 NA	NA
8.41	5.91	7.09	7.09 -0.18544	0.425817
6.69	12.25	9.4	10.55 0.396781	0.092433
0	0	0	0 NA	NA
0	0.15	0.07	0 NA	NA
0	0.02	0	0.03 NA	NA
2.33	2.14	2.13	3.28 -0.01486	0.974782
0	0	0	0 NA	NA
0	0	0	0 NA	NA
23.11	31.08	24.27	28.05 0.233492	0.121217
0	0	0	0 NA	NA
5.19	2.31	1.97	2.92 -0.94474	1.64E-05
7.18	7.58	6.4	8.36 -0.10436	0.53784
0	0	0	0 NA	NA
0.29	0.9	0.74	0.65 1.164961	0.039133
0.3	0.32	0.5	0.67 -0.18796	0.828626
0.41	0.25	0.15	0.17 -0.46507	0.484492
1	0.49	0.1	0.19 -0.42498	0.573318
1.31	0.71	1.25	0.7 -0.62733	0.057305
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.12	5.38	8.77	6.84 -0.16971	0.504223
19.77	15.27	17.05	13.2 -0.34056	0.054871
0	0	0	0 NA	NA
0.36	0.63	0.5	0.94 0.736646	0.238848
0.09	0.07	0.1	0.29 NA	NA
0	0	0	0 NA	NA
0.1	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.4	0.23	0.44	1.020515	0.094381
0	0	0	0	NA	NA
0.12	0.31	0.18	0.44	0.257394	0.756567
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.01	0.84	1.12	0.68	-0.05949	0.923197
0	0	0	0	NA	NA
0.2	0.13	0.37	0.58	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0.02	0.05	-0.33339	0.66672
0.14	0.02	0.06	0	NA	NA
0	0	0	0	NA	NA
104.3	89.62	95.11	89.79	-0.19528	0.089906
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.1	0.06	0.12	NA	NA
23.93	10.2	15.61	11.5	-0.90783	2.04E-07
0	0	0	0	NA	NA
0.39	0.28	0.29	0.46	-0.22061	0.685188
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0	0.16	0	NA	NA
0	0	0	0	NA	NA
4.56	3.85	4	4.4	-0.5051	0.175193
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.67	1.94	0.79	1.03	NA	NA
1.84	2.17	2.12	2.35	0.264463	0.489971
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.14	5.38	4.94	4.22	0.258983	0.345805
0	0	0	0	NA	NA
0	0	0.02	0.06	NA	NA
0.4	0.56	0.52	0.57	0.775492	0.063583
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0.1	0.04	0.01	0.05	-0.87731	0.182838
0.16	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.42	3.47	3.13	2.87	0.011872	0.968592
0.1	0.28	0.26	0.22	NA	NA
0	0	0.22	0	NA	NA
0	0	0.01	0.02	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0.09	0	0	NA	NA
0	0.03	0	0	NA	NA
2.25	2.46	3.19	1.59	0.41258	0.509848
1.24	0.03	0.06	0.03	-3.86288	1.58E-20
0	0	0	0	NA	NA
0	0.18	0	0.17	0.958579	0.090409
13.14	23.34	24.75	24.65	0.839969	4.20E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.45	3.39	3.64	3.52	-0.60819	9.83E-06
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0.16	0.47	0.7	0.13	0.311714	0.699935
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.88	0	1.65	0.82	-0.57458	0.380754
0.23	0	0.09	0.13	-1.10663	0.071407
1.14	1.24	0.88	1.27	0.021524	0.968828
1.26	0.96	1.76	1.67	0.316059	0.612623
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.03	0.04	0	-0.73486	0.27836
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.02	0.29	0	NA	NA
20.64	30.7	30.34	33.01	0.537174	9.40E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.65	21.49	14.39	15.23	0.342841	0.061355
0	0	0	0	NA	NA
0	0.01	0.03	0	NA	NA
1.61	0	0.69	0.6	-0.63226	0.369468
0	0	0	0	NA	NA
0.05	0.09	0.04	0.21	0.668084	0.340787
0	0	0	0	NA	NA
107.39	101.33	99.51	114.07	-0.0721	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0.15	1.18	0.34	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.64	2.61	2.84	3.18	0.020056	0.950846
0	0	0	0	NA	NA
3.3	7.32	5.25	4.21	0.351036	0.197985
1.71	0.82	0	0.82	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.51	1.6	0.89	0.63 1.488168	0.000162
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0.17 NA	NA
0	0	0	0 NA	NA
0.05	0.12	0.16	0.19 0.21194	0.786029
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.24	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
1.25	1.77	1.15	2.03 -0.19481	0.740036
30.52	43.51	40.86	43.4 0.14939	0.128727
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.02	0.04	0.02 -0.73033	0.289393
0	0	0	0 NA	NA
0.6	0.18	0.29	0.2 -0.28985	0.683537
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.44	21.2	17.12	20.18 0.601602	3.72E-06
0.21	0.03	0.09	0.13 -0.58978	0.412623
0	0.14	0.08	0.02 0.79284	0.223214
6.64	6.46	6.6	5.77 0.050846	0.781175
6.64	6.46	6.6	5.77 0.050846	0.781175
4.03	4.93	4.18	4.67 0.356779	0.189933
0	0	0	0 NA	NA
0.22	0	0.21	0.16 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
63.63	96.2	79.26	79.97 0.268902	0.046931
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
18.28	20.65	18.6	20.03 0.192843	0.068236
0	0	0	0 NA	NA
3.34	3.37	2.14	2.5 -0.37308	0.20595
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
4.09	3.79	3.14	3.17 -0.17456	0.597333
0.2	0.08	0.3	0.26 -0.13149	0.880515
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.04	0.02	0.03 -0.09191	0.922915
0	0	0	0 NA	NA
3.05	2.07	2.15	1.55 -0.32043	0.340693
0	0	0.06	0.07 NA	NA
1.12	1.16	1.32	1.09 -0.14358	0.813172
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.09	0.09	0 NA	NA
0	0	0	0 NA	NA
0.21	0.17	0.05	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.73	4.24	1.74	2.63 1.651273	5.63E-11
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.11	0.18	0.21 0.284337	0.716327
7.2	4.2	9.31	6.46 -0.29193	0.388677
0.07	0	0	0.18 NA	NA
0	0	0	0 NA	NA
0.73	0.57	0.6	0.72 0.050716	0.924606
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.04	0.02	0 NA	NA
0.18	0	0	0 NA	NA
0	0.33	0.1	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0	0.02 NA	NA
0.03	0.16	0.17	0 0.421093	0.570443
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	1.49	0.78	1.22 1.851163	2.61E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.03	0.14	0.07 NA	NA
2.72	1.96	1.75	3.03 -0.43125	0.204327
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0.13 NA	NA
7.29	11.15	10.21	10.18 0.757008	0.000242
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.63	2.58	3.19	2.61 -1.14527	2.17E-17
0.13	0	0	0 NA	NA
0.7	0.23	0.98	0.55 -0.16668	0.850235
0	0	0	0 NA	NA

0.27	0.74	0.26	0.49	0.625115	0.214886
0	0	0	0	NA	NA
1.64	3.82	4.05	3.6	-0.02252	0.966233
0	0.01	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0.07	0.06	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
3.87	2.53	3.1	2.65	-0.19406	0.263933
0.57	0.49	0.54	0.3	-0.388	0.488888
0	0	0	0	NA	NA
0.18	0.18	0.21	0.21	-0.39703	0.584803
75.9	82.78	80.77	73.88	0.009637	0.948247
0.36	0.48	0.53	1.01	0.290226	0.666794
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
14.87	15.65	19.82	16.91	0.113662	0.678667
0.32	0.18	0.11	0.12	-0.20399	0.813172
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.26	16.83	21.83	20.67	-0.44387	0.004983
8.16	5.86	9.04	9.45	0.188421	0.221241
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.03	0.06	NA	NA
0	0	0	0.14	NA	NA
0.08	0.03	0	0.03	NA	NA
9.21	6.44	5.09	3.13	-0.80846	0.001357
2.65	1.06	1.57	0.96	-0.98078	0.000758

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.05	0.05	0.03 NA	NA
0	0	0	0 NA	NA
1.31	0.93	0.81	0.92 -0.42351	0.073684
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0 NA	NA
8.69	6.78	6.63	6.46 -0.24455	0.062406
0.25	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0.07 NA	NA
0.05	0.04	0.07	0.12 NA	NA
1.84	2.22	4.11	4.65 0.448466	0.197407
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0.16	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.09	2.5	2.43	2.25 0.372626	0.149693
0.03	0	0	0 NA	NA
2.57	2.17	2.72	2.5 -0.27469	0.438458
0.14	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0	0.02 NA	NA
0	0.01	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0.32	0.37 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
3.49	4.93	2.91	3.18 -0.12947	0.678186
10.4	9.66	8.76	9.13 -0.07908	0.633956
0.02	0.12	0.16	0.1 0.850304	0.200725

0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.47	1.29	1.97	1.36 -0.19907	0.752803
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.09	0.05 NA	NA
0	0.03	0.05	0.03 NA	NA
0.28	0	0.18	0.41 NA	NA
0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.33	2.36	1.82	0.98 -0.46474	0.450268
0.02	0.04	0.01	0.03 NA	NA
0.04	0.06	0.1	0.02 -0.9232	0.152396
4.45	6.15	5.27	5.09 0.165826	0.405324
28.81	25.36	26.37	31.14 -0.2481	0.025911
9.4	7.26	7.73	7.13 -0.27182	0.092442
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.09	0.53 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.7	5.59	5.73	6.47 0.007862	0.976795
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
56.16	59.72	63.51	65.49 0.12839	0.141709
1.96	0.39	1.44	1.81 -0.23578	0.725597
0.06	0.05	0.14	0.09 NA	NA
16.23	11.88	14.29	13.86 -0.37508	0.001657
0	0	0	0 NA	NA
0.09	0	0	0.07 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
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0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
2.8	1.27	1.22	0.72	-1.20943	0.000137
15.26	11.51	12.4	13.22	-0.24975	0.220278
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.29	0	0 NA	NA	
1.44	0.75	1.87	0.94	-0.50506	0.371016
0.13	0.05	0.17	0.15	NA	NA
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.2	0.15	0.43	0.15	0.269229	0.740073
0	0	0	0 NA	NA	
2.07	1.74	1.95	1.55	-0.3374	0.045778
1.2	0.47	1.74	0.31	-0.84066	0.062632
22.65	22.64	25.14	21.6	-0.06732	0.638027
0.03	0	0	0 NA	NA	
0	0	0	0 NA	NA	
7.23	2.84	3.18	3.73	-0.62213	0.01323
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.2	7.82	17.14	9.02 0.701643	0.016803
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.04	0.07	0 NA	NA
0	0	0	0 NA	NA
0.2	0.06	0.06	0.1 -0.65972	0.343974
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.01	0 NA	NA
0	0.07	0	0.3 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.59	0.22	0.29 -0.53686	0.455468
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA

0	0	0	0 NA	NA
0.13	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.45	0.72	1.91	2.35 0.242708	0.742563
0	0	0	0 NA	NA
0.2	0.99	0.26	0.15 NA	NA
2.01	2.95	2.11	2.27 0.006392	0.989436
0	0.47	0.21	0.49 NA	NA
4.63	4.04	3.73	4.11 -0.222	0.181341
26.43	22.95	21.65	21.87 -0.12691	0.311993
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.15	4.17	4.01	4.53 0.017495	0.9528
0	0	0	0 NA	NA
0.83	0.13	0.28	0.09 -0.86213	0.174892
0	0	0	0.28 NA	NA
3.88	7.57	8.17	7.8 0.439686	0.018879
7.89	9.04	8.09	8.71 -0.01792	0.94667
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.09	0.09	0.1 -1.10013	0.074793
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.08	0.05	0.19 0.097524	0.912329
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
2.79	2.04	1.67	0 NA	NA
9.36	10.24	9.9	9.61 -0.12646	0.712815
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0.63 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.51	1.78	4.97	2.9 -1.33738	6.19E-11
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.11	0.16	0.22 -0.15114	0.855703
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.54	0.13	0.44	0.21 -0.56576	0.432757
0	0	0	0 NA	NA
1.8	2.02	2.21	1.81 -0.26632	0.608206
0.19	0	0	0.14 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.06	0.11	0.04	0.05 -0.37808	0.626953
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.2	0.82	0.48	1.2 -0.40173	0.401763
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0.68	0	0.22	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.15	0.15 NA	NA
0.4	0.14	0.29	0.21 -0.08364	0.930194
11.57	11.28	11.53	12.62 0.113673	0.347282
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.24	0.23	0 NA	NA
0.18	0.4	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.26	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.89	0	5.67	1.5 0.032868	0.973425
0	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
27.13	24.49	25.85	28.34 -0.12296	0.580717
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.27	0.21	0.19 -0.51037	0.483465
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.8	6.72	5.08	4.95 2.267628	6.31E-09
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.07	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.14	5.04	3.91	5.46 0.289833	0.189907
12.9	15.25	12.44	17.19 0.39775	0.136309
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.66	1.09	0.53 0.176767	0.840815
0	0	0	0 NA	NA
0	0.67	0.12	0.28 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.07	0	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0	0	NA	NA
0	0.16	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0.18	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	0.91	0.74	0.57	0.868929	0.007173
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.03	0.13	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0.02	0.01	NA	NA
0	0	0	0	NA	NA
0	0.3	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0.19	0.43	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

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0	0	0	0.22	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.03	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.48	4.78	5.33	4.99	-0.08428	0.747737
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.37	0	0.37	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0.19	0.17	0.4	NA	NA
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0.08	0.12	0.11	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.05	0.05	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0.13	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0.16	0.09	NA	NA
0.17	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
190.89	264.51	217.26	217.91	0.251974	0.021469

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.2	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0.07	0	0.08 NA	NA
0.08	0.25	0.59	0.14 0.947241	0.143494
0	0.02	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0.13 NA	NA
16.79	13.51	14.66	15.28 -0.1701	0.184609
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	1.14	1.52	0.66 0.408335	0.594287
1.57	1.91	0.84	0.93 -0.18584	0.828965

0	0	0	0 NA	NA
5.86	5.69	5.13	4.14 -0.23328	0.317374
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	3.66 NA	NA
0.84	1.68	1.43	1.44 0.740327	0.000871
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.26	6.19	8.45	7.29 -0.30792	0.148751
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.96	7.92	5.92	5.48 0.17823	0.590872
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
3.33	5.04	2.75	1.69 -0.06133	0.946272
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.36	0.16	0.19 NA	NA
1.35	2.17	3.4	2.37 0.52437	0.284716
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.35	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	1.99	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0.29	0	0.19	0 NA	NA
0.31	0.39	0.28	0.49 -0.54425	0.377971
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0.24	0 NA	NA
0.22	0.8	0.72	1 0.296494	0.717115
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0.05	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.85	0.99	0.46	0.87 -0.08481	0.914375
0	0	0	0 NA	NA
22.67	27.41	23.97	27.36 0.197205	0.109509
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.01	0.01	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.41	0.04	0.08	0.09	-0.82735	0.214293
0	0	0	0	NA	NA
2.26	0.89	0.78	2.21	-0.02509	0.979262
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
44.6	28.27	17.17	23.2	-0.70144	0.054409
0	0	0	0	NA	NA
0	0.04	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0.04	0.1	0.04	-0.96917	0.133791
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.55	1.1	0.29	0.25	0.317579	0.694378
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0.16	0.23	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	4.43	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.52	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	29.88	0	29.54 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.78	1.98	1.93	3.2	0.071091	0.882175
0.48	0.45	0.48	0.46	-0.0575	0.914337
0	0	0	0	NA	NA
6.86	9.29	9.45	11.4	0.638889	0.034903
24.86	26.36	25.23	25.42	0.309293	0.014958
0.08	0.19	0.08	0.07	NA	NA
4.47	3.83	5.52	4.42	-0.13225	0.616695
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.19	11.8	15.13	11.11	-0.1472	0.407299
0	0	0	0	NA	NA
0	0.06	0.02	0.05	1.638782	0.004559
0	0	0	0	NA	NA
0	0	0.02	0.07	NA	NA
0	0	0	0	NA	NA
0	0.04	0.08	0.09	NA	NA
0	0	0	0	NA	NA
0	0.19	0.77	0.36	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.54	4.48	6.28	5.49	0.471114	0.000167
0.04	0.06	0	0	NA	NA
62.48	37.68	61.63	47.91	-0.33205	0.035335
0	0	0	0	NA	NA
0.41	0	0	0.37	-0.16891	0.831621
0	0.08	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.53	1.32	1.38	0.78	-0.20299	0.691476
1	1.67	1.13	1.1	0.033322	0.944939
0.22	1.79	0	0.07	-0.71451	0.300453
0	0	0	0	NA	NA
0.54	2	1.63	1.74	1.349207	1.49E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.44	3.65	2.81	3.1	0.053872	0.871984
0	0	0	0	NA	NA
20.48	20.68	21.32	21.35	-0.06172	0.681632
0.42	1.05	0.63	0.79	0.372367	0.612027

9.84	7.7	8.62	8.32	-0.25087	0.216165
9.92	12.68	15.48	15.71	0.692195	1.85E-06
0.42	0.18	0.19	0.27	-0.44733	0.532114
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.41	1.64	1.93	1.67	-0.37985	0.148751
0.06	0.08	0	0.05	NA	NA
0.2	0.31	0.29	0.18	0.042611	0.959922
1.95	1.51	1.33	1.25	-0.2139	0.605831
0.32	0.22	0.25	0.24	-0.34023	0.617258
0	0	0	0	NA	NA
10.54	3.78	9.14	6.48	-0.63286	0.00902
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.88	3.63	3.42	4.16	-0.62563	2.29E-08
35.47	50.99	50.34	57.84	0.279544	0.009486
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
97.02	78.21	83.03	82.66	-0.25991	0.000807
586.64	590.35	633.91	586.12	-0.04117	0.719768
0	0	0	0	NA	NA
11.37	12.73	10.08	9.25	0.116118	0.611421
0	0	0	0	NA	NA
2.37	2.72	2.79	2.84	0.174343	0.618899
0.85	0.67	0.43	0.67	0.134994	0.827482
0.48	0.42	0.37	0.25	-0.55091	0.145193
0	0	0	0	NA	NA
0	0	0.1	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.03	0.06	0	NA	NA
0	0	0	0	NA	NA
15.65	13.33	13.09	16.26	-0.14305	0.336979
4.01	2.38	2.49	2.93	-0.38692	0.225984
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.14	0.07	0.07	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.21	0.33	0.37 0.143818	0.872037
0	0	0	0 NA	NA
1.26	1.13	2.03	1.68 0.661641	0.31894
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.44	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
48.21	45.45	30.1	40.77 -0.53376	0.002052
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0.06	0 NA	NA
0	0	0	0 NA	NA

0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0.77	1.04	0.86	1.23 0.237217	0.747737
0	0	0	0 NA	NA
0.05	0.07	0.2	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.28	0	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.23	2.13	3.52	2.57 -0.0593	0.90897
2.24	1.43	1.54	1.52 -0.69756	0.000231
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.67	0.96	1.33	1.01 -0.94018	0.060163
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.01	0 NA	NA
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.04	0.09	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0.12 NA	NA

0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.39	0.3 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.43	0.24	0.21 -0.42332	0.554065
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.85	0.11	0.39 -0.24321	0.772909
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.41 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.04	0.09	0.06 -0.06279	0.946156
8.33	10.27	7.68	9.49 -0.22952	0.094741
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.79	0.14	0 NA	NA
0.09	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0.21	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.21	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.3	7.1	8.3	8.16 -0.35884	0.054907
0	0	0	0 NA	NA
2.15	0.42	1.62	0.44 -1.5295	0.002171
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.26	0.94	1.59	0.79 -0.23187	0.687627
0.04	0.14	0.02	0.08 NA	NA
0	0	0	0 NA	NA
0.75	5.34	3.97	5.08 2.139842	2.00E-29
0	0	0	0 NA	NA
1.27	1.17	1.13	0.71 -0.47691	0.315111
0	0.12	0.08	0.24 1.122829	0.064388
0	0	0	0 NA	NA
2.27	2.04	3.11	2.24 0.123817	0.79079
2.27	2.04	3.11	2.24 0.123817	0.79079
0.18	0	0	0 NA	NA

0.19	0.03	0.13	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.68	2	1.55	2.31	0.246667	0.666949
0	0	0.02	0.09	NA	NA
0	0	0	0	NA	NA
3.15	3.08	3.94	2.65	0.118204	0.723089
0	0	0	0	NA	NA
12.42	21.97	20.81	25.34	0.869971	2.59E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.27	NA	NA
0.16	0	0.11	0	NA	NA
0.8	0.36	0.45	0.25	-1.25786	0.014282
0	0.18	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.37	0.76	0.86	0.59	-1.08208	0.058293
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0	0.15	0	NA	NA
0	0	0	0	NA	NA
0.55	0.25	0	0.26	NA	NA
0	0.11	0	0	NA	NA

0	0	0.53	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0.04	0	NA	NA
0.37	0.21	1	0.33	-0.09646	0.91804
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0	0.21	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.14	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.01	0	0.01	NA	NA
0	0	0	0	NA	NA
1.94	1.11	2.26	1.54	-0.28064	0.463611
0	0	0	0	NA	NA
15.74	2.94	7.02	4.93	-1.73379	2.36E-14
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.05	4.63	6.09	5.18	-0.13211	0.611083
3.89	3.44	4.39	5.72	0.209733	0.554419
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	1.53	1.7	1.72	1.173643	0.059905
0	0	0	0	NA	NA
0	0.05	0	0	NA	NA
0.06	0.04	0.04	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.18	0.18	0.3 -0.1816	0.82106
0	0.28	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0.12	0.17	0.32	0 NA	NA
0.99	1.73	1.93	1.63 0.18239	0.769067
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
30.85	21.16	31.56	22.93 -0.12386	0.564856
0	0	0	0 NA	NA
0.23	0	0.15	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.1	0	0	0.11	NA	NA
0.15	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.17	NA	NA
0.18	0.14	0.24	0.11	-0.33295	0.667482
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.33	0.47	0.41	0.48	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.24	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.17	1.95	1.81	1.18	0.00237	0.996994
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.49	0	0	0	NA	NA
0	0	0	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.77	2.31	2.01	1.03	-0.19599	0.787231
0	0	0	0	NA	NA
0.56	0.1	0.49	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.14	0.16	NA	NA

0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
3.45	2.77	2.59	3.27 0.145221	0.832838
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0.02	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.01	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.4	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.22	0 NA	NA
0.1	0.26	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0.17	0.16	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0.56	0.46	0.68	0.86 0.122852	0.848037
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
1.92	1.5	1.5	2.08 0.409784	0.573897
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
24.21	9.14	13.28	11.7 -1.02869	4.47E-11
0	0	0	0 NA	NA
0.33	0.06	0.11	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.03	0.31	0.33 0.016245	0.986749
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.08	1.22	0.99	1.39 0.272854	0.644878
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.04	0.12	0.02 -0.91851	0.158707
0.05	0.03	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0.02	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.88	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.38	9.4	9.34	10.12	-0.09454	0.455983
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0	0	0.34	NA	NA
0	0	0	0	NA	NA
0.33	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.21	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	1.15	0	0	NA	NA
0.02	0.02	0.03	0.07	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
2.39	3.14	3.81	3.24 0.499299	0.100599
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0.09	0 NA	NA
0	0	0	0 NA	NA
0.82	0.59	0	0.61 NA	NA
0	0	0	0 NA	NA
1	3.83	3.37	4.06 1.64801	1.59E-15
22.7	12.49	19.76	17.09 -0.64324	2.59E-06
0	0	0	0 NA	NA
0.26	0.35	0	0.51 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.14	0.26	0.15 NA	NA
0	0	0.02	0 NA	NA
0.94	0.17	1.21	1.4 0.052568	0.955958
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.46	8.75	4.85	9.24 -0.73814	0.013427
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.13	3.18	2.03	3.37 0.097565	0.680186
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.3	0.1	0.66	0.34 -0.75003	0.185748
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.67	1.22	1.01	2.36 -0.23774	0.725695
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.48	2.73	1.67	2.61 -0.58282	0.081639
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.16	0.14	0.13 0.420638	0.533964
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.06	0	0.14 NA	NA
0.83	0.17	0.07	0.52 -0.79653	0.228709
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0.44	0.56	0.47 -0.36937	0.560513
0	0	0	0 NA	NA
0.23	0	0.37	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.17	0.32	0.31 -0.08647	0.922915
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.03	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.48	0.17	0 NA	NA
1.28	0.92	1.39	0.96 -0.02916	0.975618
0	0	0.06	0 NA	NA
0	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.08	0.11	0.34 0.038624	0.967526
0.02	0.08	0.03	0.03 NA	NA
0	0	0	1.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.06	0.06	NA	NA
0	0	0	0	NA	NA
0	0.05	0.02	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.66	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.39	7.16	8.09	5.13	0.169161	0.725564
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.49	0.33	0.24	0.010696	0.992113
0	0	0	0	NA	NA
0.25	0.18	0	1.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0	0.11	0	NA	NA
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.45	7.01	6.08	6.63	0.182373	0.402014
0	0	0	0	NA	NA
0	0.22	0	0	NA	NA
0	0	0	0	NA	NA
41.03	30.25	46.47	34.83	-0.37045	0.033971
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.17	0.24	0.37	0.38	0.063968	0.946972
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.44	0	0	0.08	NA	NA
1.49	3.47	3.76	1.95	0.588449	0.338554
0	0	0	0	NA	NA
0.01	0.04	0.03	0	NA	NA
0.1	0	0	0	NA	NA
0.64	0.94	0.66	1.64	-0.01167	0.989999
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.84	0.38	0.49	0.35	-1.70502	1.24E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.78	0.13	0.34	0.1	-1.54543	0.005595
0	0	0.2	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.29	4.34	4.06	4.23	-0.03548	0.882315
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0.12	0.22	0.2	-0.64705	0.260589
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.02	0.11	NA	NA
0.66	0.2	0.15	0.35	-0.76251	0.169502
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.47	2.07	2.76	2.28	-1.00134	0.008082

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.68	1.15	0.9	1.25 -0.13902	0.779226
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0.28	0.06 NA	NA
0	0	0	0 NA	NA
0.22	0	0	0.33 NA	NA
0	0	0	0 NA	NA
0.1	0	0.24	0.09 NA	NA
0	0	0	0 NA	NA
0.1	0.3	0.21	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	0.89	1.19	1.06 0.220728	0.745708
0	0	0	0 NA	NA
0	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	2.92	2.76	2.3 4.117225	1.52E-28
0	0	0	0 NA	NA
0	0.4	0.18	0.42 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.1	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.33	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.05	0.23 NA	NA
0.43	0.46	0.77	0.4 0.057545	0.948247
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.31	0.28	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0.11	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.04	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	4.4	0	0 NA	NA
0.12	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.18	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.22	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.74	0.09	0.25	0.28 -0.95986	0.137936
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.3	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
3.78	12.57	9.14	12.24 1.132074	8.32E-09
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
20.17	13.93	21.02	17.62 -0.23134	0.045629
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.06	0 NA	NA
0	0	0.08	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0.29	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.76	1.51	2.02	1.97 -0.08971	0.890364
0.23	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0.26	0.06	0	0.07 NA	NA
0	0	0	0 NA	NA
19.8	15.16	18.02	19.31 -0.18913	0.05733
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
1.05	0.19	0.34	0 NA	NA
0.04	0.03	0.03	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0	0 NA	NA
0	0	0	0 NA	NA
5.46	4.29	6.87	6.64 0.246359	0.46674
0.47	0.43	0.42	0.49 -0.23184	0.690133
0	0	0	0 NA	NA
0	0	0	0 NA	NA

3.37	4.51	3.82	3.41	0.107471	0.807248
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.19	0.17	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0.25	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0	0.17	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.67	0.9	1.07	1.04	-0.88041	0.09074
0.62	0.19	0.82	0.63	-0.53288	0.414087
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.5	0.45	0.42	0.48	-0.69314	0.308411

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.14	0.07	0.03 0.032607	0.973212
0.33	0.23	0.2	0.13 -1.07036	0.008234
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0.15	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.14	0.25	0.18 -0.06251	0.936444
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.05	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.15	0.37	0.63 0.545604	0.428726
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
2.47	6.42	6.99	8.32 2.006536	4.55E-13
0	0	0	0 NA	NA
0.25	0.03	0.12	0.17 -0.89912	0.162315
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.43	0.36	0.15	0.23	-0.27861	0.713345
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	0.76	0.83	0.65	-0.44496	0.35239
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.03	0.02	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.37	2	2.61	2.62	-0.81745	0.019013
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0	0.39	0.23	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0	0	0	NA	NA
0.31	0	0	0.23	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0.06	0	0.08	0.04	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0.08	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.95	1.22	1.06 -0.12956	0.813172
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.12	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.12	0.05	0.03 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.01	0.1	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.45	6.74	7.74	7.73 -0.04088	0.873758
0	0	0	0 NA	NA
1.28	1.07	0.92	1.28 0.280093	0.677401
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.69	13.52	12.27	12.41 0.164958	0.332376
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.13	0.12	0.16 NA	NA
0	0	0	0 NA	NA
0.11	0.1	0.17	0.44 0.250836	0.763941
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.35	0.94	0.12 0.216418	0.799634
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.73	2.46	2.82	1.66 -0.07617	0.903718
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.03	0.17	0.66	0.67 -1.07961	0.07747
0	0	0	0 NA	NA
2.86	0	0.79	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0.08	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.05 NA	NA
0.05	0.19	0.11	0.12 NA	NA
0	0	0	0 NA	NA
0	0.36	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.37	0.71 NA	NA
0	0.14	0	0.15 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.06	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.04	0.41	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.24	0.19	0.11 -0.06933	0.932586
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.27	0.25	0 NA	NA
0	0	0	0 NA	NA
8.25	22.64	15.89	17.52 1.09727	5.58E-18
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.64	0.82	0.98	0.63 0.376209	0.500483
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.13	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0	0.06	0 NA	NA
0.38	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
32.81	37.26	35.39	33.88 0.085819	0.451545
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.38	0	0.38	0.88	NA	NA
0.15	0	0.1	0	NA	NA
0.4	0.57	0.74	0.29	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.45	5.43	4.23	4.4	0.34038	0.147092
14.16	29.43	26.74	29.47	1.028997	8.39E-27
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.85	0	0	0	NA	NA
0	0	0.05	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0.03	0.11	NA	NA
0.09	0.34	0.06	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.66	0.31	0.65	0.49	-0.54889	0.358058
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0.16	0.04	0.15	0.13	-0.13271	0.882102
0	0.05	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.34	0.06	0.08	NA	NA
0	0	0	0	NA	NA

0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.2	1.68	1.28	1.2 -0.19092	0.720725
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0.73	0.32	0.18	0.24 -0.58093	0.420705
0	0	0	0 NA	NA
0.62	0.76	0.61	0.5 0.240005	0.774862
0	0	0	0 NA	NA
0.16	0.41	1.23	0.76 0.79528	0.238613
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.99	1.39	2.17	2.26 -0.37587	0.159008
0	0	0.21	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
27.23	30.69	32.82	31 0.13881	0.317957
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0.49	0.08	0.15	0.21 -1.36903	0.006301
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0.25	0.91	0.33	0.57 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.2	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.56	0.4	0.22 0.461582	0.527404
0	0.07	0.06	0.13 NA	NA
0	0	0	0 NA	NA
0.05	0.08	0.17	0.17 0.929163	0.141709
0.61	0.66	0.4	0 -0.63579	0.369652
0	0	0	0 NA	NA
0.1	0.07	0	0 NA	NA
1.32	0.23	0	0.49 NA	NA
7.08	10.14	9.68	7.27 0.006281	0.987312
0	0	0	0 NA	NA
0.92	0.47	0.43	0.78 -0.42905	0.540079
0	0	1.33	0 NA	NA
0.03	0.3	0.1	0.13 0.337999	0.671258
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.18	0.32	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.22 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.81	1.82	0.35 0.393611	0.583836
0	0	0	1.33 NA	NA
0.09	0.06	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.7 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.17	0.11	0.19 -0.12364	0.890146
0	0	0	0 NA	NA
0.26	0.13	0.13	0.23 0.124866	0.887755
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.93	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0.64	0.43	0.46 0.257038	0.668568
0	0	0	0 NA	NA
0.12	0.18	0.19	0.15 -0.00499	0.99586
0	0	0	0 NA	NA
0.09	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0.02	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.67	4.78	5.01	5.16	0.41542 0.252943
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0	0	0.17 NA	NA
4.48	3.54	5.35	2.6	0.192377 0.718249
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0	0	0 NA	NA
0.26	0.52	0.79	1.29	-0.54573 0.400722
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.03	0.05	0.04	0.790003 0.23469

0	0	0	0 NA	NA
0.03	0.02	0.07	0.11 NA	NA
0.07	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.14	5.78	6.65	6.2 -0.27685	0.029173
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0.28	0.04	0	0.08 -1.05154	0.094316
0	0	0	0 NA	NA
0.11	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0.43	0.3 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.07	0.08	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.48	0.09	0.15	0.18 -0.56247	0.406624
1.15	0.49	0.82	0.51 -0.52637	0.472776
1.15	0.49	0.82	0.51 -0.52637	0.472776
0.1	0.05	0.08	0.11 0.183442	0.833427
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.66	4.91	5.71	5.44 0.239285	0.368664
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
1.36	1.47	0.55	0.6 0.11647	0.896404
0	0.59	0.75	0.5 1.116161	0.076162
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.27	2.74	3.36	3.33 0.356686	0.464212
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0	0.16	0 NA	NA
0.37	0.27	0.24	0.51 -0.1996	0.817702
0	0	0	0 NA	NA
0.4	0.8	0.86	0.75 -0.27934	0.677986
0	0	0	0 NA	NA
0.3	0.22	0.67	0.69 0.084524	0.928303

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0	0.01	0.02	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.02	5.36	2.64	3.9 0.229624	0.494795
0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	1.01	0.86	0.89 1.164675	0.06118
0.99	0	0.52	0.45 -0.69623	0.316276
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0.61	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.2	0.13	0.14 NA	NA
0.98	0.44	0.92	0.97 0.005665	0.995428
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.17	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0.73	0.96	0.35	1.03 0.348904	0.467753
0	0.11	0.03	0 NA	NA
0.44	0.31	0	0.95 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.27	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.31	0.15	0 NA	NA
0	0	0	0 NA	NA
1.19	1.19	1.73	1.31 -0.50201	0.068669
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.04	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.27	0.2	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.1	0.22	0.07 -0.02368	0.980845
0.64	0.33	0.12	0.07 -0.64931	0.358058
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.41	0.23	0.8 0.323666	0.685516
0.15	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.13	12.82	13.92	13.68 -0.11714	0.429634
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0.17 NA	NA
0.03	0	0.02	0.11 NA	NA
0	0	0	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0.38	0.13	0.42	0.54 0.320382	0.682301
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.02	0 NA	NA
0	0	0	0 NA	NA
0.5	0.12	0.1	0.11 NA	NA
0.71	0.17	0.15	0.18 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.02	0 NA	NA
0	0.07	0.02	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0.48 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0.16	0.93	0.32	0.74 0.930546	0.14235
0	0	0	0 NA	NA
0.11	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.27	0.16	0.07 -0.35035	0.655012
0	0	0	0 NA	NA
0.01	0	0.01	0 NA	NA
0	0	0.19	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.04	0.45	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0.37	0.35	0.16	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.09	0.23 NA	NA
1.19	2.42	3.23	1.71 0.252901	0.610501
0	0.08	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.79	1.62	2.12	1.66 0.34745	0.582246
0	0	0	0 NA	NA
0	1.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.96	1.21	1.43	2.05 -1.11702	0.001655
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0.26	0.3	0.14 NA	NA
0	0	0	0 NA	NA
0.08	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0	0.01	0.01 NA	NA
8.36	1.91	3.7	3.11 -1.20444	5.02E-05
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
19.91	14.34	14.13	13.92 -0.65405	6.27E-08
0	0	0	0 NA	NA
0.47	0.47	0.8	0.63 0.238638	0.740459
0	0	0	0 NA	NA
0.26	0.19	0.09	0.2 NA	NA
0.03	0.02	0.04	0.02 NA	NA
0.67	0.15	0.27	0.38 -0.05754	0.950693
0	0	0	0 NA	NA
0.08	0.06	0.11	0 NA	NA
0	0	0	0 NA	NA
0.08	0.02	0.07	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.14	0.14	0.19 0.279045	0.722818
0.06	0	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0.37	0.13	0.43	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.22	0.3	0.21 -0.22431	0.76992
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0.24	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0.16	0.23	0.2	0.35 0.592758	0.385589
0	0	0	0 NA	NA
0.11	0	0.07	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.28	0.13	0.29 NA	NA
0.7	0.38	0.35	0.26 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.43	0.31	0.43 0.560843	0.441464
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0	0	0.32 NA	NA
0.02	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.75	0	0.03	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.2	0.23	0.59 1.745708	0.002441
0.28	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0	0.54	0.63 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
13.56	17.92	19.88	19.98 0.350767	0.042776
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0.03	0.05	0.03	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.38	0.63	0.67	1.16 -0.54847	0.411511
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.51 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.96	0.28	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.24	0.28	1.1	0 -0.41507	0.590161
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.05	0.15	0.15 0.614374	0.373202
0	0	0	0 NA	NA
0	0.17	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.06	0.17	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.66	1.1	1.74	1.77	0.574181	0.207412
0.11	0.04	0.08	0.08	NA	NA
0.03	0.29	0.12	0.17	0.863093	0.191102
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
24.6	22.04	23.75	22.45	-0.10857	0.25284
0.88	4.38	3.34	3.84	1.041572	0.076085
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.19	22.28	19.05	18.66	0.272454	0.027828
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.25	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	-0.36567	0.639172
0	0	0	0	NA	NA
0	0.07	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	0	0.19	0.23	NA	NA
0.98	1.13	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	1.51	0.9	1.93 1.690707	0.001084
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.06	0.09	0.18 0.215913	0.800322
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.93	0.39	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.24 NA	NA
0	0	0	0 NA	NA
0.13	0.29	0.18	0.2 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0.12	0.17	0.08	0 NA	NA
0.7	0.78	0.36	0.51 0.190592	0.785863
0	1.04	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.31	0.65	0.89 0.148367	0.857432
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.36	0.17 NA	NA
0.55	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
4.92	5.68	4.86	5.49 0.010248	0.979404
0	0	0	0 NA	NA
0.2	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.43	0.26	0.6 -0.05011	0.948015
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.77	0.38	0.59 1.162232	0.061355
0	0	0	0 NA	NA
0.67	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.04 NA	NA
6.1	8.69	7.35	7.48 0.227488	0.121061
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.34	1.12	0.82	1.24 -0.00952	0.989187
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	0.44	1	0.11 -0.17171	0.846189
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0.13	0 NA	NA
0	0	0	0 NA	NA
9.69	7.89	8.15	8.14 -0.19424	0.129712
0	0	0.14	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0.11	0.1	0.35 NA	NA
0	0	0	0 NA	NA
0.07	0.1	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.94	0.8	0.76	0.77 0.019125	0.967103
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	0.68	0.32	0.09 -0.32283	0.688382
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	1.1	1.34	0.56 1.122658	0.014809
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.02	0.01 NA	NA
0.03	0.09	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.04	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.64	0.34	0.69 1.986207	8.84E-05
0	0	0	0 NA	NA
0.17	0.12	0.33	0.13 -0.03763	0.968592

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.11	0.22	0.07 -0.23886	0.776206
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.04	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0.21	0.05	0.1	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0 NA	NA
0.09	0.86	0.39	0.51 1.899685	0.000656
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
32.66	30.78	29.91	34.19 -0.30431	0.001056
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	2.98	1.03	1.65 2.372952	1.76E-05
0.22	0.02	0.09	0.05 -0.29544	0.708963
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0.6	0.45	0.47	0.44	-0.64446	0.230142
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.06	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.83	2.1	1.69	0.92	-0.04733	0.94882
0	0	0.08	0.17	NA	NA
0.48	0.64	0.71	1.05	0.186606	0.807332
0.43	0.14	0.06	0.1	-0.28398	0.729146
0.27	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
1	1	1.05	1.03	-0.24543	0.763558
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0.11	0.33	0.46	0.43	0.328107	0.681936
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.43	0.35	0.99	0.81	0.158702	0.837191
0	0	0	0	NA	NA
0.02	0.04	0.03	0	NA	NA
0.22	0.83	0.57	0.52	0.925711	0.153697
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.8	0	0	0	NA	NA
0	0	0	0	NA	NA
18.46	16.05	15.56	17.91	-0.18878	0.322362
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0.23	0	0.13	0.25	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	1.39	0.15	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0.26	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0.03	0.02	0	0.02 NA	NA
0	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.34	1.04	0.3 -0.30945	0.658595
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.12	0.18	0.08	0.19 NA	NA
0	0.03	0.17	0.16 0.76026	0.212198
0.23	0	0.16	0.06 NA	NA
0	0	0	0 NA	NA
0.11	1.46	1	1.41 2.968821	3.46E-16
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	1.15	1.44	1.54 0.813282	0.110873
0	0	0	0 NA	NA
0	0.07	0.14	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.13	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.31	0.16	0.22 0.431066	0.573033
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.13	0.13	0.3 -0.54531	0.422604
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.06	0.07 NA	NA
0.15	0.12	0.18	0.16 -0.01249	0.987118
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.1	0.03	0.2 NA	NA
0	0	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.84	0.63	0.45	0.64	-0.43459	0.446465
1.07	0.98	0.67	1.32	0.206268	0.744819
0	0	0	0	NA	NA
0.57	0.12	0.11	0.19	-0.91448	0.162141
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.26	0.55	0.55	0.781872	0.249736
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.47	0.63	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.07	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0	NA	NA
0.16	0.47	0.52	0.61	-0.23578	0.781175
0.15	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.2	0	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.53	0.93	0.64	0.63	0.825682	0.167841
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0.41	0 NA	NA
0	0	0	0 NA	NA
0.05	0.14	0.17	0.04 -0.20309	0.812564
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0.06	0.13 -0.75109	0.268868
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0.56	1.06	0.98 -0.28862	0.592681
0.19	0	0.09	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.71	0.63	0.36 -0.05923	0.944131
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.08	0.36	0 -0.35841	0.63024
0	0	0	0 NA	NA
0.3	0	0.1	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
18.22	24.16	25.49	22.4 0.29145	0.628101
0	0.33	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.71	0.41	0.56 -0.29521	0.708536

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.53	3.07	2.96	3.01 -0.51415	0.246372
0.99	1.06	0.84	0.37 0.178267	0.837757
0	0	0	0 NA	NA
2.79	2.47	1.73	1.1 -0.29558	0.652241
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.28	0.4	0.49 0.069429	0.94312
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.29 NA	NA
0	0	0	0 NA	NA
0.6	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.38	0.17	0.6 NA	NA
0	0	0	0 NA	NA
0.02	0.09	0.04	0.12 0.304318	0.704229
0	0.02	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.15	0.74	0.44	0 -0.20109	0.762607
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0.21	0 NA	NA
0	0	0	0 NA	NA
2.54	2.87	3.15	2.53 0.367437	0.115445
0.13	0.16	0.18	0.03 0.149734	0.865089
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.1	0.28	0.11 -0.1264	0.886485
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.88	0.52	0.86	0.7 -0.32661	0.65463
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.48	0.11	0 NA	NA
0	0	0	0 NA	NA
4992.56	6013.22	5314.12	4965.04 0.232003	0.010966
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0.9	0.79	0.78	1.02 -0.51656	0.420121
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.2	0.55	1.15	1.02 -0.35788	0.56211
0	0	0	0.14 NA	NA
0	0	0	0.11 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0.17 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

6.2	7.67	8.59	8.37	0.096161	0.790687
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
30.03	33.57	35.56	33.46	0.270077	0.054634
0	0	0	0	NA	NA
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0.1	0	NA	NA
0	0	0	0	NA	NA
0.05	0.15	0.26	0.26	0.721001	0.280278
0	0	0	0	NA	NA
0	0.47	0	0	NA	NA
0	0	0	0	NA	NA
6.97	5.44	5.61	6.07	-0.56377	2.11E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0.22	0	0	0	NA	NA
0	0	0	0	NA	NA
2.76	3.56	2.74	3.77	0.234896	0.20354
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	0.2	0.09	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.44	0.45	0.55	1.09	-0.18711	0.788447
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.42	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.54	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.81	1.33	0.91	1.67 0.434741	0.517301
0	0.57	0.55	0.17 0.099732	0.914722
0.21	0	0.22	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.1	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.91	1.91	1.46	1.44 0.182634	0.744989
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.29	0.72	0.79	0.44	0.776105	0.245818
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0	0.23	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	143.96	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.9	2.32	2.2	1.42	0.270537	0.492411
3.93	1.52	2.94	3.43	-0.74814	0.090949
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.73	2.88	3.97	2.59	0.430225	0.294429
0	0	0	0	NA	NA
0.17	0	0.06	0.26	NA	NA
0.09	0	0	0	NA	NA
0	0.08	0.37	0.08	NA	NA
0	0	0	0	NA	NA
1.49	0.94	1.3	1.15	-0.72812	0.006703
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.89	2.28	2.12	2.32	0.225947	0.50607
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
296.7	280.77	280.87	258.43	-0.17121	0.078245
0	0	0	0	NA	NA
0	0.08	0.43	1.15	1.14182	0.057282
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
1.28	3.78	1.96	4.46 0.5644	0.21214
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.12	0.38	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.2 NA	NA
0.14	0.03	0.09	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.14	1.03	1.44	1.6 0.176093	0.733242
0	0	0	0.13 NA	NA
0.21	0	0	0.07 NA	NA
0.11	0.03	0.34	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.94	6.17	7.41	7.09 -0.2723	0.035605
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.81	2.54	1.52	1.27 0.939512	0.085511
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.11	0	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.19	1.09	0.78	1.21 -0.34542	0.364486
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.05	0.08	0.07	-0.66675	0.334666
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.85	3.23	3.22	5.05	-0.10978	0.832051
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.65	18.29	20.54	20.94	0.304861	0.010014
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0	0.14	0	-0.76144	0.214042
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0.66	0.51	0.23	0.58633	0.393575
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.81	0.17	0.27	0.2 -1.22924	0.008424
0.84	0.93	0.68	1.13 0.114602	0.893692
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.17	2.28	4.77	4.03 0.120345	0.842073
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.02	2.61	1.75	1.97 0.770444	0.076126
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.26	0.24	0.14 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
1.31	0.46	1.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.27	0.37	0.47 0.488142	0.308741
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.18	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.26	4.01	4.4	2.88	-0.30853	0.317109
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0.14	0.1	0	0.42	NA	NA
0	0	0	0.25	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.88	0.92	1.45	1.16224	0.062063
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.2	3.68	4.16	4.26	0.431955	0.014728
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.08	0.09	0	NA	NA
1.49	0.73	0.4	0.21	-0.07934	0.933656
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.76	0.36	0.47	0.2	-1.0285	0.037252
0	0	0	0	NA	NA
0.09	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.04	0.29	0.35	0.07 -0.9684	0.111556
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
2.18	2.67	1.51	2.62 -0.12096	0.856269
0	0	0	0 NA	NA
0.21	0.04	0.12	0.08 -0.76537	0.245828
0	0.07	0	0 NA	NA
0	0.12	0	0 NA	NA
0.32	0.03	0.33	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.23	16.42	13.32	14.87 1.198425	2.52E-19
0	0	0	0 NA	NA
0	0.13	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.54	1.66	1.05	1.32 -0.96845	0.033317
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.52	0.12	0	0.39 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.38	0.55	0.49 0.035322	0.966656
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.11	0.08 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	1.21	1.08	1.31 1.632778	0.005432
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0.12	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0.06 NA	NA
0.7	0.96	0.76	0.44 -0.16391	0.810572

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.34	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0.28	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0.13	0 NA	NA
3017.3	2739.09	2929.97	2700.15	-0.18874 NA
0	0	0	0 NA	NA
0	0	0	0.46 NA	NA
0	0	0	0 NA	NA
0	0	0	0.25 NA	NA
3.16	3.31	8.93	4.75	0.219498 0.611377
0.06	0.09	0.04	0.18	0.060524 0.94882
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.14	2.25	1.97	2.45	0.213366 0.722373
0.07	0.03	0.06	0.09	-0.19259 0.820566
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.13	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.11	0.13	0.33 -0.1505	0.862624
7.37	9.08	7.97	8.86 -0.0069	0.979889
0	0	0	0 NA	NA
0.34	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.11	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.61	2.51	1.63	4.07 -0.18904	0.730825
0	0	0	0 NA	NA
0.11	0.46	0.31	0.35 0.933097	0.097399
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0.07	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.36	0.17	0.26 -0.43788	0.565434
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.25	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.2	1.58	2.66	1.27 0.21439	0.776743
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.15	0.14	0.16 -0.62585	0.378395
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.17	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0.27	0.63 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.63	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.07	0.99	0.1	0.81 -0.2259	0.790022
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.99	3.53	3.14	2.59 0.293643	0.416383
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.01	5.1	4.97	4.9 1.027568	0.000366
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	0	0	0.67 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.2	0.26	0.16 NA	NA
0	0	0	0 NA	NA

0	0.03	0.04	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.02	0.04	0.02	NA	NA
0	0.14	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0.36	0.4	0.37	0.55	0.490199	0.38697
0	0	0	0	NA	NA
0.24	0.09	0.08	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.45	0.07	0.01	NA	NA
4.47	2.5	1.39	1.93	-0.96783	3.31E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.72	1.67	3.84	2.78	0.048911	0.953105
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.07	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.02	18.05	14.56	16.76 1.928227	1.61E-36
0	0	0	0 NA	NA
1.2	1.17	1.93	1.74 -0.08386	0.89896
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.44	4.05	2.36	2.63 0.738067	0.052345
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0	0.86	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0.2	0.42	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.06	0.04	0.05 -0.39715	0.606618
0	0.11	0.21	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.82	0.55	0.45	0.47 -0.60182	0.113352
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
35.15	42.73	39.22	36.22 0.041527	0.856269
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.55	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.02	0.04	0.02 -0.20867	0.80882
0.68	0	0.07	0.15 -1.00109	0.111325
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.81	2.13	2.2	2.24 -0.53326	0.028355
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.04	0.05	0.12 NA	NA
0	0.11	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0.07	0.08 0.346872	0.656224
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0.17	0 NA	NA
0	0	0	0 NA	NA

0.2	0	0.07	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	1	0.42	0.5	NA	NA
0.26	0	0.17	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.42	0.3	0.68	0.79	0.077382	0.935474
0	0	0.07	0.24	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0.5	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.41	3.32	2.77	4.11	0.706855	0.1262
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	1.78	0.7	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	3.15	0	0.015351	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.36	0.45	0.34	0.4 -0.45153	0.510916
0.25	0.35	0.25	0.2 -0.38566	0.527967
1.12	1.02	0.68	1.39 0.204056	0.78773
0	0	0	0 NA	NA
0.16	0.12	0	0.24 NA	NA
0	0.6	1.34	0.46 0.275215	0.738866
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.15	0.63	0.22 -0.08647	0.926858
0.21	0	0.18	0.09 NA	NA
0	0	0	0 NA	NA
0.28	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.11	0.1	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0.14	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.06	0.13	0.31 0.365817	0.629904
0	0	0	0 NA	NA

0.03	0.04	0.02	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.84	0.77	0.52	1.16	0.196194	0.808612
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0.09	0.24	0.46	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0	0.6	0.07	0.03	NA	NA
0	0.16	0.08	0	NA	NA
0.45	0.4	0.31	0.15	-0.6245	0.335208
0.16	0.04	0.04	0.12	NA	NA
0	0	0	0	NA	NA
2.05	1.91	1.76	2.47	-0.29885	0.590144

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
3	1.88	2.27	1.34 -0.34153	0.411647
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.64	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.29	0.69	0 NA	NA
0	0	0.71	0 NA	NA
0	0	0	0 NA	NA
0.82	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.29	0.32	0.12 0.389077	0.611072
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.02	0.02	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0.24	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.37	0	NA	NA
0	0	0	0	NA	NA
3.85	4.23	3.57	3.61	-0.00011	0.999852
0	0	0	0	NA	NA
0.56	0.32	1.15	0.82	0.351698	0.656333
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.4	0.35	0.83	0.53	0.544776	0.367739
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0.03	0	NA	NA
0.92	1.38	0.28	0.06	-0.04252	0.964931
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.56	4.79	4.66	5.37	-0.50484	0.003851
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0	0	0	NA	NA
0	0	0.25	0	NA	NA

0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.04	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0.06 NA	NA
0.41	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.65	1.54	0.52	1.8 -0.09229	0.920758
0	0	0	0 NA	NA
0.22	0.03	0.49	0.33 -0.13066	0.884574
0	0	0	0 NA	NA
0	0.39	0.31	0 NA	NA
0.53	0.25	0.69	0.8 -0.6526	0.345488
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.23	0.29	2.03	2.09 -0.16987	0.847304
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.65	0.4	0.23 NA	NA
0	0	0	0 NA	NA
0.44	0.05	0.3	0.38 -0.43584	0.55861
0.28	0.26	0	0.15 -0.09005	0.924089
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.16	0.32	0.2 -0.24544	0.768241
3.08	3.18	2.08	3.09 -0.20204	0.59267
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.11	0	0.23 NA	NA
0	0	0	0 NA	NA
0.48	0.21	0.8	0.11 0.124949	0.889637
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0.08	0.03	0.03	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.66	2.4	2.32	2.43 -0.46669	0.000646
0	0	0	0 NA	NA
2.23	1.53	1.56	2.08 -0.43445	0.376421
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.87	0.57	0.51	0.95 -0.55719	0.418678
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0.09	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.05 NA	NA
0.13	0	0.15	0.02 -0.14207	0.857756
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
5.6	6.06	5.5	5.2 0.063668	0.722818
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.15	0.97	0.83	0.79 -0.61037	0.175033
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
29.12	33.09	30.9	35.31 0.341318	0.082454
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.58	0.8	0.68	1.41 0.004492	0.996111
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.63	4.73	4.05	2.73 0.841193	0.106466
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.36	0.21	0.27 1.22561	0.029355
0.09	0.1	0.1	0.18 0.389971	0.615839
0.31	0.22	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.41	7.63	8.72	6.86 0.333888	0.469557
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
3.23	6.04	4.6	5.25 0.505224	0.032449
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.07	0.16	0.22 -0.15462	0.861807
0	0	0.05	0.02 NA	NA
0	0.14	0.27	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0.25	1.25	0.42	1.05 1.134107	0.070764
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0	0.78	0.31	0.37 0.403745	0.584472

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0	0.13	0.12	0 NA	NA
0.27	0	0.12	0.14 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0.14	0.15	0	0.42 0.03036	0.97502
0	0	0	0 NA	NA
0.45	0.8	0.56	0.65 0.505865	0.277569
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0 NA	NA
0.29	0	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0.2	0.28	0.26	1.11 NA	NA
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0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.12	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0.15	0.13	0.15 NA	NA
0	0	0	0 NA	NA
1.63	1.95	1.35	1.04 -0.07677	0.875208
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.65	0.57	0	0.45 -0.5499	0.452939
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0	0.1	0.17 -0.57846	0.421641
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.22	0.27	0.21 0.651339	0.27362
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.84	1.2	1.94	1.16 -0.0122	0.989838

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0	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
53.58	51.53	49.27	41.9 -0.01283	0.937114
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0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0.54	0.39	0.92	0.59 0.382157	0.557914
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.23	0.14	0.33 0.192728	0.823986

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.69	0.82	0.53	0.5 0.259595	0.744989
0	0	0	0 NA	NA
0	0.05	0.07	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0.16	0.3	0.44	0.19 -0.05726	0.951399
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.07	0.15	0.17 -0.29546	0.712235
0	0.21	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

2.73	2.2	2.01	2.38	-0.42484	0.161397
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.13	0.24	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.56	0.35	0.4	0.709783	0.290722
0	0	0	0	NA	NA
0	0.44	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.57	0.11	0.73	NA	NA
3.71	0.5	1.39	2.06	-1.40967	0.001414
0	0	0	0	NA	NA
0.28	0.31	0.13	0.41	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.29	0.38	0.47	0.52	-0.39456	0.498449
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.13	0.21	0.4	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.52	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.21 NA	NA
0	0	0	0 NA	NA
0.19	1.31	0.58	1.02 0.909705	0.143293
0.37	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.4	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.25	0.47	0.13 0.026537	0.978168
0	0	0	0 NA	NA
0	0.06	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.07	0.08	0.08 0.140235	0.874689
0	0	0	0 NA	NA
6.46	5.94	6.22	5.14 0.047753	0.88556
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.12	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	1.01	1.33	1.13 1.395016	0.006303
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0	0	0	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0.56	0.63	0.77	0.39 0.218903	0.759019
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.02	0.09	0.04 NA	NA
0.16	0.23	0.37	0.49 0.432646	0.561815
0	0	0.07	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
7.9	10.4	10.75	11.14 0.53637	0.02086
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0.14 NA	NA
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0	0.09	0.4	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0.78	0.69	0.98	1.58 0.123745	0.874956
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
4.31	2.37	2.39	3.75 -0.39547	0.296758
0	0	0	0 NA	NA

0.21	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.1	0.05	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.09	5.73	6.9	7.2 0.227661	0.420229
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0.14	0	0 NA	NA
0.33	0.05	0.07	0.12 -0.3587	0.639996
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.01 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.12	0.33	0.62 -0.09912	0.912329
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.08	0.15	0.07 -0.19517	0.821404
0.14	0.15	0.02	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.06	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.23	0	0.74	0 NA	NA
0.2	0.14	0.13	0.3 NA	NA
0	0	0	0 NA	NA
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1762.66	1413.92	1655.47	1421.51	-0.25635	NA
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0	0	0	0	NA	NA
0	0.35	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.73	0.39	0.2	0.47	-0.71171	0.235917
0.13	0.24	0.23	0.4	0.075324	0.912803
0	0	0	0	NA	NA
0	0.44	0	0.22	NA	NA
0	0	0	0	NA	NA
0.34	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1	0	0.38	0	-1.02743	0.104442
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.25	0.14	0.39	-0.23958	0.771217
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.04	0.78	0.75	1.16 0.003868	0.994947
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.78	0.8	1.05 0.587969	0.341652
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.6	0.83	0.67	0.73 -1.5756	6.42E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.25	0.15	0.17 -0.07693	0.935474
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.78	0.61	0.67	0.61 0.018398	0.980927
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.08	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.43	0.43	0.33 0.242346	0.728848
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.53	0.39	0.89 0.266078	0.74746
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0.08 NA	NA
0.14	0.04	0.04	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0.08	0.09 -0.05129	0.954743
0.72	0	0.48	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0.08	0.08	0	0.06 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.07	0.05	0.05 -0.39913	0.606148
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.15	1.54	1.73	2.1 -0.27621	0.340537
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.59	6.85	4.12	5.89 0.652186	0.005098
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.12	0.23	0.13 -0.67155	0.329632
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0.01	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.89	0.26	0.23	0.27 -0.51333	0.476585
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.68	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.35	0 NA	NA
0	0	0	0 NA	NA
0.22	0.63	0.52	0.51 0.035518	0.965066
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.29	0.66	1.07	0.96 0.467571	0.447184
0.03	0.04	0.04	0.07 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.78	0.13	0.17	0.24 -2.03126	1.32E-07
0	0	0	0.22 NA	NA
0.31	0.23	0.13	0.12 -0.12735	0.886085
0	0	0	0 NA	NA
0	0.18	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	2.06	0.24	0.68 0.650683	0.337264
0	0	0	0.17 NA	NA
0	0	0	0 NA	NA
0.93	0.45	0.42	0.12 -1.25822	0.021127
0	0	0	0 NA	NA
0.1	0.13	0	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0.34	0.54 NA	NA
0.09	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.04 NA	NA
0.03	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.25 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0.07	0	0.08 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.16 NA	NA
0.27	0.25	0.08	0.21 -0.83951	0.16485
0	0	0	0 NA	NA
0.41	0.63	0.82	0.6 0.220477	0.723985
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.62	0.26	0.27	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0.09	0.13	0.16	0.08 0.397859	0.604701
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.22	0.41	0.47 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.04	0	0.36	0.17 -1.27907	0.036892
0	0	0	0 NA	NA
2.94	2.74	2.71	3.44 -0.08351	0.884574
5.21	6.25	5.75	8.17 0.360801	0.286204
0	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.19	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0.3 NA	NA
0	0	0	0 NA	NA
0	0	1.29	0 NA	NA
0.3	0	0	0 NA	NA
1.42	0.14	0.79	0.45 -0.51237	0.489075
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0	0.36	0 -1.21878	0.048838
48.12	97.21	65.67	92.46 0.832216	3.59E-13
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.52	0	0.89	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.05	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.64	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.61	0.38	0.64 0.635085	0.354183
0	0	0	0 NA	NA
0.05	0.11	0.24	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.59	1.17	0.28 0.301142	0.709727
0	0	0	0 NA	NA
0.2	1.06	1.24	0.76 0.192799	0.813043
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0.64	0.21	0	0 NA	NA
0	0.59	0.31	0.54 1.07626	0.076418
11.95	3.57	8.77	10.45 -0.36157	0.389113

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.64	0.64	0.6	0.77 0.091679	0.867696
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.34	3.13	3.14	4.42 -0.34644	0.18933
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.25	0.31	0.35 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.55	0.44	0.17 0.782583	0.221058
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.09	0.04 NA	NA
0	0.07	0	0 NA	NA
1	0.76	0.93	1.27 -0.47823	0.27836
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.04	0.11	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.35	1.19	0.76 -0.05805	0.949887
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	1.21	0.48	0.49 0.898967	0.170251
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	1.1	0.57	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.07	0.17	0.23 -0.12409	0.889637
0	0	0	0.16 NA	NA
0.59	0.43	0.1	0.06 -0.59491	0.407239
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0.25	0.06	0.35	0.2 -0.93392	0.148787
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0.11	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.81	0.78	0.84	0.83 0.057003	0.938678
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.68	1.41	1.83	1.74 -0.08661	0.771242
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
2.13	3.64	2.68	3.11 0.384768	0.40476
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	1.11	1.24	1.41 0.681268	0.263401
0	0	0	0 NA	NA
0.17	0.51	0.48	0.21 0.12728	0.88333
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0.31	0	0.1	0.12 NA	NA
0	0	0	0 NA	NA
0	0.2	0	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.04 NA	NA
0	0	0	0.52 NA	NA
0	0	0	0 NA	NA

0.26	0	0.17	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.14	0.65	0.07	-0.08631	0.927525
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.75	1.57	2.13	2.23	1.375932	2.97E-12
0	0.11	0	0.12	NA	NA
0	0.66	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
29.15	33.36	41.43	42.15	-0.50317	0.047756
0.15	0.07	0.14	0.08	NA	NA
0	0	0	0	NA	NA
0	0.27	0.13	0	NA	NA
0	0	0	0	NA	NA
7.61	7.98	6.63	10.59	-0.07384	0.85662
0	0	0	0	NA	NA
0	0	0.22	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0	0	0.2	NA	NA
0	0	0	0	NA	NA
0	0.22	0.3	0.23	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA

0.53	0	0	0.38	NA	NA
0	0	0.04	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.05	0.1	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.17	0.06	0.4	-0.16526	0.850555
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.56	1.91	2.26	2.35	-0.28864	0.245851
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.3	0.49	1.34	1.71	-0.3945	0.591558
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.32	0.35	0.26	0.4	-0.11331	0.865087
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0.35	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0.48	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.13	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0.61	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
6.35	4.16	3.09	3.75 -0.76155	4.19E-08
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.05	0.17	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0.57	0.35	1 -0.13608	0.876492
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
1.81	1.01	1.2	0.7 -0.35267	0.444919
0	0	0	0 NA	NA
53.64	91.69	105.63	95.15 0.625977	2.44E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.05	0.05	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.02	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.42	10.35	11.2	11.71	0.520983	0.001671
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.77	5.75	7.16	9.48	0.71221	0.054902
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.04	2.29	3.1	2.08	-0.87345	0.020218
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0.03	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0	0.22	0 NA	NA
0	0	0	0 NA	NA
0.08	0.06	0.06	0.19 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0.05	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.52	6.14	5.73	5.1 0.380785	0.159249
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	0.68	1.04	0.85 0.123748	0.826991
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.18	0.16	0.12 0.123849	0.867552
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.1	2.61	3.77	1.97 -0.9176	0.000338
0	0	0.02	0.04 NA	NA
0.04	0	0	0 NA	NA
0.45	0.08	0.07	0.51 -0.6598	0.348322
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.11	0.52	0.23 -0.42378	0.537183
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.08	4.61	5.36	6.27 -0.24487	0.255315
0.45	0	0.15	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.14	0.03 0.276229	0.730825
0	0	0	0 NA	NA
0.77	1.04	0.62	0.59 -0.11879	0.890318
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.66	0.3	0.46 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0.06 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
4.58	4.05	4.94	4.98 -0.18367	0.56904
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.51	2.74	3.77	2.89 -0.35215	0.350063
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.38	0.96	0.5 0.708504	0.21766
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.43 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.08 NA	NA
2.63	3.44	3.72	4.21 0.541847	0.018452
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.32	0	0 NA	NA
0.54	0	0.35	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0.14	0.51	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.61	0.7 NA	NA
0	0.09	0	0.09 NA	NA
0.02	0	0.07	0 NA	NA
0.02	0.05	0.02	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.35	0.04	0.36	0 -2.02652	0.000185
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.28	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.3	0.05	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	2.06	0	3.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0.14	0 NA	NA
0.77	0.55	0.24	0.84 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.84	1.48	0.57	0.46 0.361887	0.637812
0	0	0	0 NA	NA
0.67	0	0.04	0.03 NA	NA
0	0	0	0 NA	NA
3.81	4.45	4.07	4.21 0.163312	0.57456
0	0	0	0 NA	NA
0.1	0.06	0.17	0.08 -0.02955	0.97289
3.68	3.25	3.26	2.58 -0.39042	0.226464
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.3	0.37	0.33	0.58 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0.23	0.33	0.74	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0.68	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
244.27	249.11	235.45	236.62	-0.09696	0.283812
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.11	0.12	0.615263	0.36572
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0.11	0.37	0.24	0.19	0.278062	0.735872
0	0	0	0	NA	NA
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.26	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.99	0.71	1.25	0.73	-0.46655	0.533964
0.51	0.85	1.2	1.21	0.171053	0.726975
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.21	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
35.15	37.99	30.82	33.57 -0.14858	0.216769
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.86	0.71	0.69 0.177265	0.818738
0	0	0	0 NA	NA
0.12	1.5	1.47	1.06 1.457494	0.011305
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.03	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
1.01	2.34	1.26	1.62 0.264681	0.552333

0.66	0.67	0.79	0.3	0.011344	0.991716
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.58	0.62	0.37	0.43	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.55	0.69	1.76	0.7	0.016174	0.985216
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.09	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0.03	0	NA	NA
0.23	0.1	0.17	0	-0.80702	0.226314
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.32	10.47	8.77	9.51	1.654749	1.28E-20
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.44	7.18	6.34	6.3 0.853369	0.034891
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.86	1.28	1.58	2.07 0.189115	0.717625
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.79	0.51	0.67 2.417635	3.91E-08
0	0	0	0 NA	NA
0.14	0.41	0.24	0.11 -0.16828	0.84898
0	7.53	2.75	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.78	3.14	7.12	5.16 -0.28627	0.529429
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.65	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.2	0.11	0.1 -0.61186	0.3828
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.21	0.41	0.17 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0	0.71 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.08	0.24	0.57	0.42 -1.92053	4.27E-16
0	0	0	0 NA	NA
0.03	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0.02	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	1.06	0.66	1.01 0.681184	0.161377
0	0	0	0 NA	NA
0	0.17	0.31	0.53 NA	NA
0	0	0	0 NA	NA
0	0.18	0	0 NA	NA
0.06	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.08	0.09 NA	NA
0.19	0.27	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0.06	0.28	0.11	NA	NA
0.14	0.86	0.08	0.09	NA	NA
0	0	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.3	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0	0	0.44	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
1.29	2.27	3.92	2.37	1.011423	0.035335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.24	0.16	0.58	0.482462	0.500103
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.33	0.17	0.15	0.22	-0.33683	0.627779
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0.17	0.23	0.16	0.21 0.058358	0.943448
4.15	2.65	4.08	2.52 -0.33025	0.31492
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.2	0 NA	NA
0.55	0.49	1.43	0.23 0.162861	0.836965
0	0	0	0 NA	NA
0.21	0.07	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.1	0.02	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.29	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.81	1.46	2.02	4.07 -0.86766	0.081564
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10	1.51	3.67	2.67 -1.73636	6.93E-10
0.27	0.2	0.18	0 NA	NA
0.16	0.34	0.1	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.24	0.11	0.51 0.625832	0.344375

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.34	0.08	0.18 NA	NA
0.26	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.34	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0.04	0.04	0.04	0.09 0.142972	0.870838
0	0	0	0 NA	NA
0	0.07	0.06	0.04 NA	NA
722.5	540.74	610.9	547.94 -0.3646	0.000183
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.2	6.91	5.48	4.46 -0.03582	0.932838
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.07	0.13	0.12 -0.21654	0.800959
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.1	0 NA	NA
1.7	0.08	0.72	0.27 -1.20616	0.044004
0	0.08	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0	0.14	0.16 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	1.79	0.45 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.41	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.59	0.52	0.6 0.051826	0.940418
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.46	0.46	0.97	0.84 -1.1734	0.000551
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.47 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0.17	0.08	0.26 -0.98461	0.095737
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.46	1.41	0.78	1.35 -0.1941	0.645015
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.66	0	0 NA	NA
0	0	0	0 NA	NA

1.83	5.49	6.39	5.26	1.26585	0.003411
0.02	0.01	0.01	0.06	NA	NA
0	0	0.14	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4	7.68	3.81	5.77	0.216693	0.675538
0.39	0.07	0.32	0.52	-0.31984	0.69204
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.11	0.09	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.2	0.18	0.26	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0.05	NA	NA
0.16	0.14	0.25	0	NA	NA
0.59	0.34	0.57	0.29	-0.30061	0.709114
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.19	2.65	2.07	2.2	-0.27756	0.572396
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.33	0.06	0	0.06 NA	NA
0.13	0.28	0	0.39 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.47	1.5	1.27	2.05 0.01426	0.976446
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.04	0.07	0.12 -1.04204	0.102138
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0.66	0.62	0.55	0.53 -0.35943	0.469767
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.04	0.02 NA	NA
0	0	0.47	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	1.11	0.51	0.98 0.263474	0.747737
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
3.9	2.78	3.71	3.48 -0.4289	0.00151
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.11	0.2	0.12 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA

0	0	0	0 NA	NA
0.34	0.12	0.18	0.13 -0.89424	0.10834
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.1	1.83	1.89	1.7 -0.27875	0.217909
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.4	1.25	0.45	0.17 0.222367	0.760114
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
31.1	26.64	20.77	25.15 -0.32038	0.003455
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.79	0.22	1.33	0.25 -0.18203	0.83188
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.12	0	0.05 NA	NA
0	0	0	0 NA	NA
1.4	0.12	0.45	0.09 -1.38898	0.010954

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0.09	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.4	0.61	0.54	0.44 0.136253	0.837571
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.96	0.88	1.29 0.449758	0.550869
0	0	0	0 NA	NA
0.37	0.23	0.53	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.2	0	0 NA	NA
0.21	0.03	0.07	0.14 -0.73642	0.28409
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.64	7.07	8.57	8.28 -0.04906	0.84658
4.3	2.35	3.45	3.12 -0.62449	0.054086
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.36	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.28	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.35	0.11	0.12 0.050899	0.955966
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	85.79	94.09	95.47 0.528918	0.461413
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.04	0.06	0.1 NA	NA
0.09	0.08	0.1	0.1 0.330022	0.669626
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.63	0.52	0.37 1.291736	0.031609
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	1.13	1.53	1.09 0.088016	0.875852
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.09	0	0.37 NA	NA
0.17	0.48	0.33	0.25 NA	NA
0	0	0	0 NA	NA

0	0.58	0.6	0 NA	NA
0.61	0.62	0.16	0.28 -0.13241	0.882748
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0.45	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0	0.13	0.38 -0.32021	0.673856
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.33	4.66	3.85	5.77 -0.37659	0.223054
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.15	0.27	0 NA	NA
261.18	206.21	230.91	203.33 -0.31254	0.001058
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1076.86	1679.92	1768.22	2001.06 0.66997	5.94E-15
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0	0.38 NA	NA
0.14	0	0	0 NA	NA

0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.25	0.33	0.36	-0.76507	0.225454
0	0	0	0	NA	NA
0.96	0.88	1.06	1.2	0.283103	0.32816
0	0	0	0	NA	NA
0.16	0.18	0.09	0.02	NA	NA
0.28	0	0	0	NA	NA
0.3	0.22	0.14	0.23	NA	NA
0	0	0	0	NA	NA
2.07	2.63	1.93	1.54	0.131679	0.869167
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	0.05	0	0.05	-2.2169	6.90E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0	0	NA	NA
0	0	0	0	NA	NA
0	0.26	0.29	0.22	0.655656	0.33195
0.1	0.05	0.26	0.06	-0.54682	0.421056
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.72	0.77	0.62	0.739329	0.096682
0	0	0	0	NA	NA

0.06	0.02	0.19	0.11	0.247782	0.766619
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0.07	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.02	0.11	0.19	-0.03085	0.97517
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
595.4	615.11	604.96	577.65	-0.05283	0.645015
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
19.9	25.17	24.33	24.65	0.181146	0.083788
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.1	0	0	0	NA	NA
0	0.12	0.04	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.99	0.68	0.6	0.44	-0.61624	0.245457
0.04	0.33	0.31	0.19	1.166022	0.061583
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.4	0.29	0.11	0.28 -0.16112	0.851872
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.11	0	0.23 NA	NA
0	0	0	0 NA	NA
0.17	0	0.2	0.06 NA	NA
0	2.08	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.03	0.19	0.04 NA	NA
3.18	1.95	2.87	2.03 -0.09041	0.820566
0.21	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0.41	0	0.09	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	3.15	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.52	0.93	0.67	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0.03 NA	NA
0	0.23	0	0.41 NA	NA
0	0	0	0 NA	NA
0.03	0.25	0.06	0.19 1.641766	0.004722
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0	0	0	NA	NA
0	0	0	0	NA	NA
50.51	33.03	39.09	33.48	-0.43077	0.000751
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.58	0.8	0.73	1.07	-0.39144	0.587397
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.78	9.69	7.71	8.08	-0.09694	0.645863
96.61	142.79	217.64	98.21	0.615701	0.32444
0	0	0	0	NA	NA
0.42	0.26	0.24	0.23	-0.02682	0.977843
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.26	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0	NA	NA
4.44	6.75	6.41	5.97	0.536679	0.001213
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.82	1.31	0.97	0.91 0.193641	0.589374
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.04	0.07 NA	NA
0.65	1.5	0.52	0.99 0.185446	0.820283
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.81	2.44	2.2	2.18 -0.68898	0.068951
0	0	0	0 NA	NA
0.08	0.22	0.32	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0.54	0	-0.03422	0.944501
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.58	0	0.35	0	NA	NA
0.35	0.06	0.14	0.06	-1.93627	2.28E-07
0	0	0	0	NA	NA
0.92	0.78	0.81	0.7	-0.69703	0.11836
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	0.28	0.42	0.25	0.750814	0.186392
0	0	0	0	NA	NA
2.25	1.4	1.72	1.39	-0.30346	0.525605
0	0	5.09	0	NA	NA
0.13	0.09	0.08	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.39	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA

0.37	0.8	0.37	0.7	0.046458	0.961386
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0	0.16	NA	NA
0.13	0	0.25	0.19	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0.16	NA	NA
0	0.03	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.04	0.5	0.42	1.47	-0.2196	0.783783
0	0	0	0	NA	NA
0	1.63	0	0	NA	NA
0	0	0	0	NA	NA
2.15	0.58	1.2	0.6	-0.34983	0.658172
0	0	0	0	NA	NA
1.74	1.81	3.14	2.74	0.00457	0.995073
0	0	0	0	NA	NA
0.23	0.16	0.16	0.03	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.65	0.48	1.73	1.92	-1.39631	1.21E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0.04	0.09	0.38	NA	NA
0	0.17	0.08	0	NA	NA
0.24	0.13	0.16	0.42	NA	NA
22.52	35.76	45.84	40.11	0.717031	3.12E-14
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.9	1.35	1.25	2.31	-0.1972	0.819038
0	0	0	0	NA	NA

0.39	0.51	0.5	0.53	0.306174	0.407357
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0.45	0.22	0.42	-0.30092	0.660487
0	0	0.26	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0.22	0.43	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0.04	NA	NA
8.54	4.64	5.77	6.9	-0.52585	0.052635
0	0	0	0	NA	NA
115.84	161.23	141.28	135.54	0.181593	0.225902
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.15	0.66	0	NA	NA
0	0.08	0.14	0.13	0.94244	0.137213
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0.22	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.27	0.05	0.06	NA	NA
1.38	1.78	2.27	1.53	0.132501	0.801074
0	0	0	0	NA	NA
2.01	2.29	2.45	1.59	-0.02739	0.95471
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0.5	0.36	0.61	1.05	-0.01501	0.986207
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.14	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.13	0.07	0.12 NA	NA
0.18	0.09	0.05	0.03 -0.3044	0.703816
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.02	0 NA	NA
1.76	0.85	0.92	0.94 -0.70887	0.024259
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.44	0.41	0.54 0.488695	0.509466
0	0.45	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0.16	0.06	0.16	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

8.07	20.22	18.04	21.33	0.958261	6.87E-11
0.21	0.53	0.26	0.75	1.627496	0.002136
0	0	0	0	NA	NA
0.25	0	0.33	0	NA	NA
0.05	0	0	0	NA	NA
0.03	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0.96	0.23	1.06	0.93	-0.55068	0.429497
0	0	0	0	NA	NA
0.17	0.41	0.02	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.06	0.02	0.09	NA	NA
0.13	0.23	0.09	0.1	NA	NA
0	0	0	0	NA	NA
0	0.12	0.23	0.52	NA	NA
0	0	0.7	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0	0	NA	NA
0.4	1.35	0.97	1.11	0.652667	0.267548
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0.22	0.41	0.19	-0.63695	0.257584
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.07	2.04	1.71	2.04	-0.28499	0.521333
0	0	0	0	NA	NA
0.91	1.31	0.6	2.33	-0.05719	0.948772
0	0	0.03	0.04	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
2.77	1.5	1.7	2.33 -0.55224	0.183808
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.08	0 NA	NA
1.58	0.85	1.44	0.9 -0.78634	0.01389
0.18	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	1.76	0.72	1.35 1.092413	0.08336
0	0.15	0.06	0.15 NA	NA
0	0	0	0 NA	NA
0.28	0.6	0.36	0 NA	NA
0	0	0.23	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0.06	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.26	0.35	0.35 -0.38647	0.239509
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.06	1.14	2.14	1.43 -0.36779	0.533329
2.06	1.14	2.14	1.43 -0.36779	0.533329
0	0	0	0 NA	NA

0	0	0.1	0.11	NA	NA
0.27	0.1	0.05	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.95	0.66	2.36	0.591216	0.387358
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0.09	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0.27	0.14	0	0.05	NA	NA
0	0	0	0	NA	NA
0.36	1.45	0.63	1.08	0.348291	0.639028
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.37	0	0.84	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0.04	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.24	0.09	0.2	0.288633	0.718661
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0.42	0	0	NA	NA
3.2	2.74	2.49	3.43	-0.43238	0.176246
0.14	0.15	0.1	0.05	NA	NA
0	0	0	0	NA	NA
0.25	1.06	0.63	0.55	NA	NA
0	0.07	0	0.07	NA	NA
0	0	0	0	NA	NA
0.14	0.1	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
11.1	12.35	13.66	12.8	0.138661	0.332638
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0.15	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.02	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.21	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	3.71	2.68	2.03	2.446823	1.46E-07
0.04	0.05	0.05	0.2	NA	NA
0	0	0.04	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.35	3.15	3.35	4.16	0.017517	0.952639
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0.05 NA	NA
0	0.27	0	0.77 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.13	0.18	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.68	0.79	0.65	0.98 0.746822	0.276843
0	0	0	0 NA	NA
0.53	0.18	0.36	0.03 -0.82168	0.214248
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0.23 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.32	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.39	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.68	2.64	3.71	3.69 1.137563	6.83E-05
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.74	5.27	5.53	5.76 -0.25566	0.514255
0	0	0.28	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.09	0.28	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
14.44	17.33	17.46	13.02 0.117042	0.479777
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.71	0.2	0.22 -0.62766	0.367099
0	0.23	0.24	0 NA	NA
0	0.07	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.06	0.23	0.12 -1.68976	0.000253
0.19	0.15	0.12	0.23 -0.25136	0.713701
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.44	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.47	0.22	0.14 0.963255	0.136357
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.96	0.34	0.06	1.333857	0.020861
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0.38	0.48	0.42	0.690734	0.214455
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0.49	0.44	0.41	-0.2898	0.6806
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.27	1	1.85	0.76	-1.4969	1.02E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0.11	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.5	0.46	0.42	0.73594	0.189934
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.67	1.45	1.46	1.07	-0.44997	0.401587
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.48	0.45	0.51	0.409687	0.321876
0	0	0.52	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.06	0	0	NA	NA
0.33	0.03	0.4	0.03	0.028568	0.975981
0	0	0	0	NA	NA
0	0.24	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	5.03	1.93	2.72	3.113225	8.73E-10
0	0	0.1	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.63	0.55	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.04	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0.27	0.33	0.12	0.28 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA

0	0	0	0	NA	NA
0.59	0.35	0.14	0.14	-0.71173	0.288653
0.08	0	0.15	0.42	-0.34994	0.656837
0.03	0.2	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.22	1.06	1.19	1.38	-0.30838	0.368824
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.14	2.64	8.33	4.35	0.517233	0.416045
0	0	0	0	NA	NA
0	0.14	0.06	0.12	0.861954	0.158567
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.38	0.14	0.49	0.493599	0.493482
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.18	0.21	NA	NA
0	0.04	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.43	0.35	0.19	-0.12849	0.886675
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.14	0.25	0 NA	NA
0	0	0	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.45	3.2	3.76	2.25 0.351004	0.406835
0	0	0	0 NA	NA
0	0.07	0.05	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
1.04	1.91	1.79	1.78 -0.16949	0.741372
0	0	0	0 NA	NA
0.3	1.03	0.92	0.3 0.578374	0.422302
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.28	0.55 1.01585	0.10536
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.9	0	0.45 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0	0.41	0 NA	NA
0	0	0.21	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
0.37	0.07	0.06	0.14	NA	NA
2.45	1.33	2.23	1.69	0.093417	0.876943
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
179.21	72.59	61.57	65.37	-1.37915	2.29E-12
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	0.58	0.73	0.52	-0.30168	0.636697
3	1.65	2.37	2.08	0.004224	0.995073
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.5	1.06	0.78	0.67	-0.67059	0.106385
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.71	2.08	2.19	2.47	-0.25028	0.501478

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0.39	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0	0	0 NA	NA
0	0	0	0 NA	NA
0.61	0.34	0.49	0.44 -0.91707	0.160156
0.61	0.34	0.49	0.44 -0.91707	0.160156
0	0.27	0.23	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.3	0.26	0.14 -0.51275	0.482272
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.33	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.02	0.03	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	1.23	1.18	0.69 0.381264	0.595663
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
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0	0.16	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0.03 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.75	0.6	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.42	13.11	8.14	13.83 0.636477	0.052055
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
15.05	12.33	14.22	12.05 -0.33852	0.010725
0.51	0	0.09	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.5	0	0 NA	NA
0.17	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.32	5.9	4.17	4.17 0.301696	0.316615
0.04	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.06	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
20.81	23.9	23	23.05 0.133367	0.223169
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.62	7.69	5.7	5.08 -0.67467	0.002001
1.45	1.61	1.23	1.24 -0.03154	0.955141
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.31	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.47	2.28	1.68	2.56 0.099841	0.895424
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.95	0	2.21	1.47 0.10046	0.913642
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.99	5.46	5.71	9.41 -0.25275	0.296596
0	0	0	0 NA	NA
6.37	4.39	5.47	6.16 -0.10211	0.730117
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.05	0.05 0.265362	0.73382
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.77	1.78	2.99	2.07 -0.03853	0.960935
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.18	0.3	0.43	0.657297	0.251517
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.12	0.12	0.03	0.095763	0.918088
0.13	0.22	0.84	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	1.65	0	NA	NA
0	0	0	0.24	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.95	0.48	0.52	0.69	-0.77809	0.036988
0	0	0	0	NA	NA
0	0.1	0.03	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.97	0.35	0	0	NA	NA
0	0	0	0	NA	NA
1.03	0.45	0.49	0.57	-0.76815	0.060773
0	0	0	0	NA	NA
3.02	1.77	1.74	1.82	-0.19157	0.611872

20.36	25.87	26.85	29.09	0.280274	0.008201
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.08	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.35	0.08	0.31	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0.18	0.18	0.32	0.072541	0.931636
0	0	0	0	NA	NA
1	1.89	1.52	1.63	0.453176	0.355581
0	0	0	0	NA	NA
3.48	3.87	2.77	3.73	0.347431	0.489515
0	0	0	0	NA	NA
0.17	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.46	1.17	1.02	0.94	0.179818	0.783287

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0.06	0.02 NA	NA
0.2	0.24	0.31	0.76 0.238718	0.777317
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.95	0.07	0.02	1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.2	0.26	0.2 0.007329	0.99316
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.15	0.14	0.16 -0.81802	0.22193
0.12	1.81	1.12	2.22 1.872338	0.000348
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.45	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.93	1.4	5.19	2.31 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.3	0.8	0.92 0.179094	0.80335
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0	0.03	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0.82	0.95	2.71	1.74	0.67576	0.170273
0	0	0	0	NA	NA
9.3	11.22	10.74	8.34	-0.06492	0.848795
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0.42	0.54	0.5	0.207643	0.800622
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.22	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0.21	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0.26	0.47	0.48	0.72	1.136493	0.031721
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0.03	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
0.05	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0.04	0.08	0.4 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.12	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.74	1.24	1.28	1.47 0.055653	0.919583
0	0	0.34	0.1 NA	NA
0	0	0	0 NA	NA

0.1	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
21.83	24.53	23.89	26.86	0.170347	0.322715
0.06	0.18	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
0.64	1.26	1.69	2.53	1.134715	0.051655
0	0	0	0	NA	NA
0.05	0.07	0.05	0.06	0.145733	0.870559
0.12	0.09	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.03	0.06	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.4	0	0.06	0.08	-2.30724	7.96E-06
0	0	0	0	NA	NA
0.23	0.12	0.26	0.17	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0.75	0.36	0.16	0	NA	NA
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.54	1.44	1.22	1.59 0.148197	0.823653
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.24	0.08	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.32 NA	NA
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
2.35	0.93	2.03	1.6 -0.82759	0.074568
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.58	0.04	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.18	0.22	0.22 NA	NA
0.08	0.41	0.33	0.06 0.176988	0.84023
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.62	0.2	1.14 0.020976	0.983469
0	0	0	0 NA	NA
2.19	0.93	0.49	0.74 -1.04024	0.05654
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.49	0.35	0.49	0.56	-0.00244	0.997928
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.24	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0	0.11	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.61	0.31	0.6	0.728581	0.199892
0	0.25	0	0.49	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.23	0.09	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.42	1.66	0.77	1.23	0.540697	0.323973
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0	0.37	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0.03	0 NA	NA
10.97	12.76	12.21	10.17 -0.03386	0.888597
0	0	0	0 NA	NA
0.3	0.11	0.29	0.11 -0.33933	0.646089
0.27	0.67	0.62	0.4 0.833338	0.206326
0.45	0	0.1	0.23 NA	NA
0.09	0	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.14	0.08	0.25 0.027476	0.975388
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.07	0.09	0.12 0.810398	0.21994
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	1.58	1.94	1.57 1.447469	0.014685
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.17	1.37	1.04	0.96 -0.0891	0.843986
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.16	0.59	0.33 NA	NA
1.93	1.61	1.4	1.96 -0.2066	0.454408
0	0	0	0 NA	NA
0	0	0	0.5 NA	NA
0	0	0	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0.15 NA	NA
0.2	0	0.03	0.03 -1.20811	0.047577
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.58	0.73	0.52 0.672059	0.127567
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.01	0.46	0.33	0.37 -0.60341	0.282975
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.2	0.22	0.43 NA	NA
0	0	0	0 NA	NA
0	0.41	0.18	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
11.59	7.19	7.01	3.8 -0.36365	0.488694
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.36 NA	NA
0	0	0.72	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0.26 NA	NA
0.13	0.05	0.04	0 NA	NA
0	0	0	0 NA	NA
0.3	0.26	0.23	0.32 -0.60313	0.368177
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.13	0.16	0.18 -0.30354	0.709563
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.58	0.44	0.62	0.35 -0.15378	0.792792
0.41	0.2	0.27	0.16 -0.47787	0.459233
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
17.17	15.98	17.62	17.67	-0.11978	0.349758
1.28	0.72	0.86	1.44	-0.13416	0.847304
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	1.28	1.66	1.06	0.64189	0.238613
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.7	0.92	1.19	0.679241	0.29684
0	0	0	0	NA	NA
0.92	0.47	0.09	0.2	-0.44558	0.554701
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.18	0.25	0.14	1.635795	0.005034
0	0	0	0	NA	NA
0	0	0	0.47	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.77	0	6.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.52	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.89	0.88	0.32	0.63 0.032207	0.972136
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.08	0.4	0.7 -0.39487	0.60946
0.01	0.12	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.33	1.55	2.3	1.64 0.094693	0.908712
0	0	0	0 NA	NA
0	0	0	0 NA	NA
239.3	384.32	387.78	386.77 0.637452	4.79E-22
0.03	0	0.02	0.02 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.27	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.09	3.98	5.68	6.1 0.87757	0.000456
0	0	0	0 NA	NA
0.09	0.07	0	0.07 NA	NA
0	0	0	0 NA	NA
0.6	0.13	0.24	0 NA	NA
0	0	0	0 NA	NA
14.25	18.98	15.71	16.59 0.144296	0.296522
12.14	10.68	9.08	11.01 -0.1253	0.457266
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.64	2.27	2.86	3.05 -0.31254	0.424758
0	0	0	0 NA	NA
0	0.3	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.73	8.57	8.23	10.65 -0.24229	0.274842
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.03	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.54	0.48	0.45	0.1 -0.1415	0.87436
1.18	0.58	1.01	1.54 -0.13644	0.844837
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.94	0	0 NA	NA
0	0	0.04	0 NA	NA
0.46	0	0.56	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
2.3	2.09	1.14	1.4	-0.10405	0.886485
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.38	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.11	0	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0.26	0.19	0.14	0.16	-0.555	0.403495
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.32	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0.06	-0.26194	0.7405
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.68	9.08	7.07	8.7	-0.34607	0.038629
0.48	0.47	0.86	0.32	-0.39133	0.604446
0	0	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.19	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0.15 NA	NA
0.12	0.49	0.16	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.16	1.97	1.41	2.16 0.440375	0.435791
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.39	0.31	0.47 0.372252	0.633008
0	0.06	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.44	0.82	1.26	0.77 0.075664	0.936984
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0	0.43	0.45 -0.98062	0.120193
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.55	0.18	0.27 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.85	0.28	0.17	0.23 NA	NA
0.68	0.53	0.39	0.75 -0.21259	0.701638
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.07	5.35	5.22	8.2 -0.10998	0.717075
0	0	0	0 NA	NA
0	0	0	0 NA	NA
36.45	33.6	39.27	36.52 0.041002	0.827131
0	0	0	0 NA	NA
0.32	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
20.23	14.54	14.05	15.16 -0.53922	4.72E-05
0	0	0	0 NA	NA
0	0	0	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	2.47	1.29	1.48 0.284918	0.676579
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.61	3.47	2.96	3.75 -0.46695	0.052339
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.28	0	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 -0.19901	0.799708
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	1.27	1.53	1.18 0.185406	0.821682
0	0	0	0 NA	NA
0.15	0.11	0.1	0.11 NA	NA
1.43	0.48	0.31	0 -0.58253	0.412337
38.97	34.62	35.25	34.61 -0.10997	0.431444
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.17	5.66	4.97	6.54 -0.13448	0.605669
0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.44	0.14	0.59 -0.52628	0.466847
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
17.53	11.68	12.62	11.06 -0.42676	0.000361
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0.19	0.48	0.42	0.28 NA	NA
3.6	3.5	2.66	2.42 -0.19401	0.627366
0.52	1.47	0.31	0.99 NA	NA
0	0	0	0 NA	NA
0	0.01	0.07	0.01 NA	NA
0	0	0	0 NA	NA
0.2	0.37	0.17	0.27 0.08973	0.922927
0	0	0	0 NA	NA
33.52	26.27	28.33	25.01 -0.35728	0.001899
0	0	0	0 NA	NA
0.51	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	4.28	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.29	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.93	0	0.22	0.94 -0.22297	0.793531
0	0	0	0 NA	NA
0.53	0.37	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.93	4.41	3.91	2.48 0.166445	0.784205
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.32	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	1.74	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0.62	0	0.07	0	NA	NA
0.19	0.14	0.84	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
1.78	2.22	1.81	2.18	0.333675	0.421318
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.55	0.4	1.03	0.76	0.537841	0.455306
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.31	3.66	3.54	4.05	-0.19975	0.402014
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0.02	NA	NA
0	0	0.23	0	NA	NA
0	0	0	0	NA	NA
0.22	0	0	0	NA	NA
3.13	3.14	3.51	2.72	-0.11152	0.734646
0	0	0	0	NA	NA
0.33	1.26	1.07	0.54	0.395869	0.596167
0	0	0	0	NA	NA
0	0	0	0	NA	NA
15.7	16.95	15.04	15.47	-0.03718	0.891001
0	0	0	0	NA	NA

0.5	0.73	0.79	0.54	-0.24001	0.743262
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.13	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.64	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.03	0.16	NA	NA
0	0	0	0	NA	NA
1.65	0.57	1.14	1.12	0.018837	0.984238
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.62	0.32	0.85	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.59	0	0	0	NA	NA
0	0	0	0	NA	NA
44.42	53.48	45.49	51.14	0.07336	0.536828
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0.81	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0.15	0.17 -0.7285	0.279617
0	0	0	0 NA	NA
2.32	0.56	1.48	0.7 -1.10655	0.010002
0	0	0	0 NA	NA
0	0	0	0.94 NA	NA
0	0	0	0 NA	NA
0	0.01	0.01	0.01 NA	NA
0.06	0.17	0.08	0.25 0.52825	0.470902
0	0.05	0.05	0 NA	NA
8.62	6.2	7.3	7.55 -0.32205	0.092138
4.52	3.68	3.18	3.4 -0.17169	0.414778
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.28	0.13 NA	NA
0	0	0	0 NA	NA
0.14	0.1	0.05	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.27 NA	NA
0	0	0	0 NA	NA
0.02	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.28	0.24	0.54 1.152255	0.060547
1.25	0.9	0.82	0.32 -0.48792	0.425899
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	0.27	0.24	1.12 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
15.41	15.1	12.5	11.51	-0.05103	0.752397
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.21	0	NA	NA
0	0	0	0	NA	NA
168.48	125.3	138.22	125.35	-0.44376	3.89E-07
30.43	23.33	28.92	27.15	0.102253	0.614698
0	0	0	0	NA	NA
2.48	0.84	2.36	2.19	-0.3564	0.52954
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.96	4.44	6.92	5.09	-0.65914	0.001345
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.7	6.77	3.32	4.31	0.095868	0.820566
0	0	0	0	NA	NA
0.35	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.66	0.31	0.36	NA	NA
0.62	0.31	0.31	0.26	-0.45641	0.546434
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.02	0.11	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.83	0.39	0.6	0.63 -0.42478	0.39037
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.15	2.5	2.32	2.62 -0.01661	0.967791
0.29	0	0.19	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.28	0.49 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	1.52	1.12	1.04 1.554757	0.003177
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.25	0.27	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.25	0.35	0.8	0.86 -0.71576	0.124472
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.08	0.09 NA	NA
0.02	0.08	0.28	0.07 NA	NA
0	0	0	0 NA	NA
0.12	0.09	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.48	0.79	0.56 0.014295	0.98869
0	0	0	0 NA	NA
0	0.07	0.46	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.08	0.14	0.11 -0.47612	0.472312
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.75	0.42	0.61 -0.59222	0.20705
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.01	2.96	4.52	4.5 -0.41185	0.21413
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.22	0.28	0.16 NA	NA
0	0	0	0 NA	NA
0	0.08	0.07	0 NA	NA
0	0	0	0 NA	NA

0	0.3	0	0 NA	NA
0	0	0	0 NA	NA
0	0.55	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.24	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.06	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0	0	0 NA	NA
0.39	0.28	0.51	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.63	10.55	11.44	10.9 -0.0165	0.944638
0.36	0.26	0	0.07 NA	NA
0	0	0	0 NA	NA
10.78	1.86	3.92	3.22 -1.69903	1.07E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.02	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.09	0.59	0.7	2.43 0.214495	0.802461
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0.45	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.24	0.02	0.01 NA	NA
0.92	0.45	1.59	0 -0.07422	0.938678
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.23	0.57	0.47 -0.15717	0.780961
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.05	7.13	8.75	9.8 -0.66742	2.77E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	4.16	2.72	0 0.052855	0.94485
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.95	0	0	0 NA	NA
0.05	0.07	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0.58	0	0.1	0 NA	NA
0	0.76	0.32	0.38 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
15.34	25.55	25.6	27.35 0.646604	6.19E-12
0	0.31	0	0 NA	NA

0	0.01	0	0 NA	NA
19.37	18.11	17.06	17.73	-0.054 0.81312
0.73	1.32	0.83	1.54	0.483848 0.233743
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.88	1.16	1	0.97	-0.26313 0.49188
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.55	0.17	0.19	-0.10086 0.90702
0	0	0	0 NA	NA
0.11	0.22	0.15	0.13	-0.1748 0.795969
0	0.05	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0.14	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.07	0.15	0.16 NA	NA
0.19	0	0	0 NA	NA
0	0.11	0.1	0.59 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.92	0.86	0.44	1.06	-1.08786 0.067405
0	0	0	0 NA	NA
0.58	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.35	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
379.82	372.19	416.11	392.68	-0.06175	0.631187
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.38	11.39	7.02	6.93	0.367198	0.587275
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0	0.06	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
1.41	1.73	1.47	2.62	-0.05486	0.89766
1.15	2.51	2.17	2.59	0.440946	0.135861
0	0	0	0	NA	NA
0.68	2.18	1.48	2.76	0.143013	0.865592
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.3	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.58	0.62	0.34	0.46	-0.04911	0.949887
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.04	0.2	NA	NA
4.2	2.83	2.96	4.41	-0.37724	0.179186
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.88	0.42	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0	0	0 -1.41244	0.013657
0	0	0	0 NA	NA
0.06	0	0.1	0.12 NA	NA
0	0.01	0.01	0 NA	NA
0.23	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.7 NA	NA
0	0	0	0 NA	NA
9.53	13.07	11.12	12.41 0.318672	0.148305
0	0	0	0 NA	NA
0.66	1.57	0.71	0.98 0.235566	0.778962
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.14	0.19	0.37 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0.07 NA	NA
0.6	0.73	0.8	0.73 0.12838	0.836872
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.32	0.28	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.86	11.29	10.19	9.86	-0.32177	0.013163
0	0	0	0	NA	NA

0.29	0.1	0.19	0.11	NA	NA
0	0	0	0	NA	NA
0.03	0	0.79	0	-0.08462	0.926441
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
2.75	1.87	1.99	1.77	-1.2457	0.000519
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0.58	0.36	0.67	0.035128	0.967483
1.02	0.99	1.62	1.13	0.361551	0.550981
0	0	0	0	NA	NA
0	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0.16	0.21	0.4	0.44	-0.17026	0.843928
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
611.29	465.46	575.54	460.43	-0.35323	0.00207
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.04	8.15	4.69	6.7	0.962744	1.79E-05
0	0	0	0	NA	NA
0.42	0.3	0.52	0.31	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
22.03	22.64	23.9	24.86	-0.07036	0.786725

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.18	0.51	0.19 -0.15515	0.854832
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.57	2.48	3.7	3.1 -1.32243	1.57E-17
0	0	0	0 NA	NA
3.8	4.3	2.48	4.2 -0.2438	0.447464
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0.13	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0.43	0.07	0.21 -0.18466	0.829887
0	0	0	0 NA	NA
3.25	0	0	1.53 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	2.26 NA	NA
257.89	242.49	212.06	217.02 -0.18501	0.090409
0	0	0	0 NA	NA
0.51	0.62	0.68	0.69 -0.269	0.712235
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.11	0 NA	NA
0	0	0	0 NA	NA
10.42	7.58	12.9	8.15 -0.17078	0.324106
0.02	0.09	0.13	0.04 0.394548	0.605559
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA

97.68	84.35	90.31	84.32	-0.2121	0.029485
0	0	0	0 NA	NA	
21.16	17.34	18.46	18.51	-0.26549	0.004164
0	0	0	0 NA	NA	
9.12	6.57	9.08	8.74	-0.45144	0.012907
0	0	0	0 NA	NA	
0	0	0.08	0.12 NA	NA	
0.94	1.26	1.05	1.45	0.00614	0.990286
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	1.19 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.2	0	0 NA	NA	
18.33	16.63	17.94	21.95	-0.05345	0.752189
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0.21	0 NA	NA	
0	0	0	0 NA	NA	
0	0.55	0	0.46 NA	NA	
0	0	0	0 NA	NA	
0.32	0.31	0.22	0.49 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.21	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.02	0	0.01	0 NA	NA	
0.26	0.13	0.11	0.17	-0.64082	0.345805
0	0	0	0 NA	NA	
0	0.55	0.33	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
4.11	6.47	5.67	4	0.405771	0.020293
0	0	0	0 NA	NA	

0	0	0	0 NA	NA
0.06	0	0.12	0.18 NA	NA
0	0	0	0 NA	NA
0	0.09	0.08	0 NA	NA
0	0	0	0 NA	NA
0.91	0.68	0	0.42 -0.56667	0.42505
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.28	0	0.61	1.17 NA	NA
16.28	22.14	18.59	21.35 0.224391	0.151723
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.31	4.65	7.02	5.7 -0.30656	0.13847
0	0	0.02	0 NA	NA
0	2.11	0.6	2.13 0.894441	0.142914
3.19	6.4	4.58	8.07 0.517763	0.071085
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.37	7.95	9.52	7.95 -0.40211	0.004866
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0.15	0.43 NA	NA
0.01	0.16	0.66	0.44 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.73	0	0	0 -1.60157	0.005246
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.61	0	0.27	0.06 -1.69192	0.003797
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.94	1.37	3.4	2.26 -0.85514	0.000418
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.46	0	0.4 -0.17051	0.844865
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.13	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.51	36.84	25.6	33.72 0.798567	1.14E-10
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.13	0	0 NA	NA
0	0	2.51	0 NA	NA

0	0	0	0 NA	NA
0.06	0.04	0.2	0.12 0.766486	0.234158
13.44	10.45	12.69	10.29 -0.30664	0.081756
0	0	0	0 NA	NA
0.13	0	0	0 NA	NA
20.28	3.68	4.2	3.76 -2.29664	3.84E-102
0	0	0	0 NA	NA
0.17	0.13	0.23	0.87 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.56	4	3.21	4.91 -0.50036	0.163829
0	0	0	0 NA	NA
0	0.25	0	0 -0.05852	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.16	5.82	5.3	6.63 0.222949	0.488355
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0	0.4	0.12 NA	NA
0.16	0.31	0.39	0.35 0.561336	0.414087
0	0	0	0.46 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.68	0.52	1.04	0.32	-0.05772	0.949887
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
46.61	48.65	47.06	44.91	0.002862	0.989728
0	0.05	0.1	0.19	NA	NA
0	0	0	0	NA	NA
6.81	4.55	5.3	4.71	-0.53724	7.26E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0.4	0	0.05	0.05	NA	NA
0.21	0	0.06	0.04	NA	NA
0	0	0	0	NA	NA
0.55	0.84	0.82	0.54	-0.00499	0.996111
0	0	0	0	NA	NA
0	0.05	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.57	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.48	0.4	0.46	0.223152	0.79412
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.19	0.02	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0.17	0.24	0.11	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.84	1.27	1.14	1.22	0.41755	0.379477
0	0	0	0	NA	NA
0.12	0.35	0.24	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	1.12	NA	NA
4.29	4.95	2.6	3.82	-0.25221	0.487022
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.03	0.32	0.31	0.254154	0.760359
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.18	0.17	0.38	0.47755	0.524726
7.37	6.44	6.81	7.01	-0.3574	0.072747
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.35	0.59	1.33	1	-0.17171	0.822562
18.37	22.33	22.07	20.96	0.306217	0.021114
0	0	0	0	NA	NA
0.98	1.09	0.45	0.75	-0.52592	0.387812
0	0.53	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.01	0.02	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA

0	0	0	0.1	NA	NA
0.74	0.43	0.11	0.13	NA	NA
19.56	16.7	15.45	15.98	-0.28585	0.008028
0	0	0	0	NA	NA
0.16	0.05	0.47	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.27	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.63	0.39	0.26	0.55	-0.75851	0.117212
0	0	0.29	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.32	0.71	1.25	0.73	-0.40112	0.602861
0	0	0	0	NA	NA
0.76	0	0	0	NA	NA
0.03	0.28	0.04	0	NA	NA
0	0	0	0	NA	NA
0.52	0	0.31	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0.27	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0.5	0.59	0.37	0.72 0.312617	0.582605
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.62	2.88	4.75	3.4 0.057995	0.929724
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.24	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0.28 NA	NA
0	0	0	0 NA	NA
0	0.26	0	0.14 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.25 NA	NA
1.6	0.04	0.41	1.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.07	0.08	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.32	0.15	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
16.46	14.11	16.74	14	-0.17712	0.463028
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.63	0.5	0.75	0.65	-0.10827	0.861142
0.2	0.43	0.13	0.3	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.18	0.04	0.06	NA	NA
0	0	0.02	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.51	0	0.16	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.29	0.34	NA	NA
0	0	0	0	NA	NA
0.2	0.03	0.13	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.38	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
54.96	70.37	65.3	67.49 0.312245	0.030372
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.54	0.43	0.4 0.288967	0.640948
14.22	10.96	10.03	11.3 -0.44026	1.52E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0.35	0	0.36 NA	NA
0	0.2	0.05	0 NA	NA
0.62	0.41	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.26	0.32	0.36 -0.31561	0.695016
0.18	0.86	0.47	0.38 1.192751	0.032912
0	0	0	0 NA	NA
0	0.19	0.27	0.05 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.02	0.05	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0	0 NA	NA
5.8	7.44	4.52	5.29 -0.13426	0.457266
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.45	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
26.84	52.81	49.43	50.03 0.457825	8.75E-05
0	0.29	0.25	0 NA	NA
0.04	0	0.05	0.03 NA	NA
0	0	0	0 NA	NA
0	0.27	1.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0	0	0 NA	NA
0	0	0	0 NA	NA
6.95	6.05	6.51	6.81 0.05256	0.87436
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.7	6.29	5.75	5.67 -0.17194	0.59823
0	0	0	0 NA	NA
0	0.21	0.18	0 NA	NA
0	0	0	0 NA	NA
18.49	22.45	22.01	20.36 0.240699	0.043428
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.54	8.41	8.7	8.73 -0.43773	5.37E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.65	7.3	8.25	8.05 0.138223	0.612737
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0.53	0.15	0.69 NA	NA
0	0	0	0 NA	NA
0	0.41	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.23	0 NA	NA
0	0	0	0 NA	NA
2.76	1.97	2.06	1.52 -0.12385	0.751907
0.22	0	0.14	0.16 NA	NA
1.42	2.62	1.75	2.53 0.46188	0.076464
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0.43	0.09	0.21	0.28 -0.65392	0.350255
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.54	0.16	0.47 1.691371	0.002718
0	0	0	0 NA	NA
0	0	0	0 NA	NA
38.86	34.88	43.27	34.92 -0.01629	0.95613
0	0	0	0 NA	NA
0	0	0.27	0 NA	NA
0	0	0	0 NA	NA
0.11	0.15	0.26	0.77 0.110455	0.903906
0	0	0	0 NA	NA
6.52	10.36	7.25	9.1 0.172438	0.535222
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.28	0.12	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	1.03	0.91	2.24 3.049408	9.90E-09
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.26	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.64	0	0.28	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.07	0.04	0.18 NA	NA
0.1	0.43	0.2	0.75 0.889459	0.170879
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.2	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.02	0.09	0.05 NA	NA
0.26	0.02	0.02	0.1 -0.89638	0.172931
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
23.33	18.59	22.71	23.59 -0.08922	0.609388
0	0.13	0	0.14 NA	NA
510.11	426.43	487.32	518.66 -0.04717	0.739854
2.45	1.05	1.79	2.82 0.378941	0.625297
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.78	2.07	2.61	3.1 -0.56505	0.038832
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
3.25	3.13	3.78	3.25 0.073616	0.815904
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.27	0	0 NA	NA
332.56	332.91	327.84	303.51 -0.15013	0.100452
5.12	6.34	5.47	7.99 0.228127	0.52337
0	0	0	0 NA	NA
0.12	0.5	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.3	0.19	0 NA	NA
0	0	0.16	0.13 NA	NA

0.14	0.17	0.11	0.21	0.004165	0.996111
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.8	1.06	1.45	1.48	-1.15903	2.64E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.12	0.49	0.47	1.03	-0.45416	0.35871
0	0.09	0	0	NA	NA
0.49	0.14	0.38	0.34	-2.02282	1.32E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
26.26	22.33	24.85	24.59	0.00128	0.995196
0	0	0.38	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.29	8.84	8.69	9.15	0.360474	0.014152
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.05	0	0	0.76	NA	NA
1.82	2.92	3.26	3.01	0.184153	0.554091
0	0	0	0	NA	NA
0.05	0.07	0.1	0	NA	NA
19.86	24.29	21.68	21.24	0.030377	0.895057
5.2	8.71	9.09	9.18	0.609344	0.002356
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0.23	0.21	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.46	2.75	1.92	2.44	-0.21791	0.572543
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.2	0.66	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.08	0.07	0.24 NA	NA
0	0	0	0 NA	NA
0.55	0.61	0.88	1.08 -0.16257	0.771116
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.12	0.17	0.26 0.595408	0.407228
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.32	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.58	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.18	0.26	0 -0.75363	0.270663
0	0	0	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.43	0 NA	NA
0	0.18	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0.17	0 NA	NA
0.98	0.55	1.56	0.82 0.053884	0.954085
21.7	37.37	37.88	37.14 0.646687	7.48E-08
0	0	0	0 NA	NA
0	0	0.17	0.19 NA	NA
0	0	0	0 NA	NA
7.66	8.21	7.9	5.4 -0.35357	0.013244
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.57	2.51	1.79	2.41 1.002002	0.049282
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0	0.09	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.13	0.11	0.24 0.102404	0.896466
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0.23	0.17	0	0 NA	NA
11.34	20.64	13.65	19.52 0.148578	0.478049
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.26	11.64	13.41	11.22	-0.1483	0.409574
0	0	0	0	NA	NA
0.09	0	0	0	NA	NA
0.29	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.76	11.14	7.77	9.49	0.891437	3.77E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.18	0.2	0.22	0.339248	0.669982
230.62	243.98	234.2	234.92	-0.0369	0.723201
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0.89	0.81	0.41	0.92	-0.37123	0.467573
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.36	17	13.32	11.65	0.275442	0.075215
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.86	2.45	2.01	2.89	0.569075	0.360206
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.2	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.99	4.89	5.99	5.76 0.237156	0.366719
0	0	0	0 NA	NA
0	0.17	0.08	0.17 NA	NA
0.23	1.92	1.37	1.53 2.584144	3.60E-12
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.11	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0.66	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
2.88	3.18	4.05	3.76 0.026622	0.94882
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0	0 NA	NA
42.3	26.88	30.9	25.92 -0.58919	9.69E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

2.45	2.68	1.93	2.78	-0.55662	0.221058
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	2.57	1.45	1.29	0.222475	0.792792
0.52	1.16	0.79	0.89	0.1547	0.821682
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0	0	0	NA	NA
0	0.36	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	2.22	1.01	1.66	1.49916	4.41E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0	0	0	NA	NA
0	0	0	0	NA	NA
1.22	0.41	0.37	0.41	-1.44154	9.29E-06
0.43	0.91	0.79	0	NA	NA
11.4	7.35	9.4	8.12	-0.64303	1.04E-08
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0.33	NA	NA
0	0	0	0	NA	NA
0	0	0	0.29	NA	NA
0	0.27	0	0	NA	NA
19.6	17.48	18.68	15.41	-0.02906	0.944817
0	0	0	0	NA	NA
20.94	30.39	23.24	28.9	0.247304	0.157661
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.22	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.33	5.15	3.61	4.61 0.498281	0.098687
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.33	2.47	1.31	1.09 0.098024	0.808234
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.28	0	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.28	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0.07	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.06	0.49 NA	NA
0	0	0	0 NA	NA
0.09	0	0.06	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
79.68	36.61	41.43	86.55 -0.44029	0.143203
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.42	14.98	9.82	14.95 1.919145	9.56E-36
0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	1.57	0.82	0.19 -0.33643	0.671258
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
2.77	1.57	2.31	2.42 -0.21989	0.722198
0	0	0	0 NA	NA
17.28	18.04	20.74	22.24 0.190147	0.081682
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.09	2.81	3.19	3.11 -0.41306	0.372075
1.24	0.78	1.05	0.64 -0.71847	0.133281
0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.97	10.47	12.33	10.91 -0.34061	0.016162
0	0	0.11	0 NA	NA
0.2	0.15	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0	0.39 NA	NA

0	0	0	0 NA	NA
38.31	24.84	34.06	29.82 -0.49961	2.08E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.46	0.21	0.4 0.324451	0.685979
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.5	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0.06	0.22 NA	NA
1.73	0.06	0.76	0.16 -1.51374	0.008854
0	0	0	0 NA	NA
5.55	4.66	7.03	6.14 -0.26164	0.293358
0	0	0	0 NA	NA
2.06	3.05	4.14	5.48 0.476008	0.452851
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.48	0	0 NA	NA
0.37	0.9	0.55	0.1 0.369381	0.628307
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0.43	0.33	0.39 -0.16421	0.812564
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.38	0.04	0.1 NA	NA
0	0	0	0 NA	NA
6.61	3.87	6.42	5.75 -0.11686	0.786725
6.25	4.38	4.54	5.33 -0.15202	0.729357
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.34	0.29	0 NA	NA
0	0	0	0 NA	NA
0.65	0.29	0.21	0.15 -1.18271	0.007103
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.02	0 NA	NA
0	0	0	0 NA	NA
48.18	47.7	53.65	47.78 -0.04491	0.734551
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0.38	0.07 1.080947	0.087963
3.66	1.5	3.58	2.17 -0.53546	0.057341
0	0	0	0 NA	NA
0.6	1.43	1.2	1.74 0.706395	0.219628
0	0	0	0 NA	NA
0	0.11	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.29	0	0	0 NA	NA
0.15	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
2.02	1	0.7	1.32 -2.36245	4.79E-17
0	0	0	0 NA	NA
0.58	1.22	0.99	0.6 0.701805	0.153326
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
33.28	27.64	30.07	32.9 -0.14893	0.202242
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.61	8.21	6.9	7.43 -0.17426	0.214394
0	0	0	0 NA	NA
0	0	0.1	0.12 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0.07	0.03 NA	NA
1.08	1.39	1.29	1.16 0.354094	0.590945
0	0	0	0.02 NA	NA
0.2	0.12	0.29	0.17 -0.37841	0.546747
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.03	0.03	0.05 NA	NA
0.47	1.2	1.08	1.55 0.561769	0.241885
0.13	0	0	0 NA	NA
6.52	7.16	5.99	6.31 0.010566	0.972634
1.1	1.99	1.87	1.7 0.544478	0.287997
0	0	0	0 NA	NA
0.06	0.04	0.14	0.07 -0.14578	0.869956
0.23	0.22	0.42	0.24 -0.18681	0.828841
0.46	0.52	0.43	1.09 0.085773	0.912249
0	0	0	0.03 NA	NA
1.11	0.91	1.03	0.92 -0.17102	0.725232
0.16	0.19	0.24	0.26 0.119166	0.87997
0	0	0	0.01 NA	NA
0.18	0.12	0.31	0.02 NA	NA
0.5	1.36	0.42	0.65 -0.1958	0.785803
0.16	0	0.02	0.06 NA	NA
0	0	0.05	0 NA	NA
0.96	0.68	0.86	0.99 -0.17871	0.828138

0.6	0.25	0.46	0.53	-0.1471	0.868473
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.75	0.94	0.54	0.29	-0.04937	0.950846
0.2	0	0	0	NA	NA
0.14	0.02	0.05	0.13	-0.56837	0.433242
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.13	0.03	NA	NA
0	0	0.31	0.12	NA	NA
0	0	0	0	NA	NA
0.48	0.26	0.29	0.26	-0.5024	0.352227
0.64	0.18	0.25	0.34	-1.34662	0.001877
0	0	0	0	NA	NA
472.33	272.18	370.67	327.28	-0.61824	2.83E-11
0.09	0	0.11	0.19	NA	NA
0.58	0.61	0.67	0.25	-0.23878	0.744187
2.81	3.15	2.58	2.33	0.043369	0.925102
2.38	1.83	2.73	2.18	-0.63078	0.058757
2.11	1.48	1.76	1.73	-0.31897	0.372883
0.05	0.13	0.43	0	NA	NA
0	0.05	0.02	0.14	NA	NA
0.11	0.04	0	0	NA	NA
0.02	0	0.1	0	NA	NA
0	0	0	0.06	NA	NA
0	0.33	0	0	NA	NA
3.62	2.94	4.12	3.2	-0.36466	0.050896
0.16	0.16	0.21	0.11	NA	NA
0	0	0	0	NA	NA
7.75	8.73	7.21	6.83	-0.16335	0.651547
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0.01	0	NA	NA
0	0.13	0.26	0	NA	NA
0.15	0	0	0	NA	NA
0.94	0.52	0.72	1.18	-0.03875	0.956002
0	0.11	0	0	NA	NA
0.07	0.14	0.07	0.09	0.590307	0.410083
6.29	3.49	4.47	4.46	-0.27729	0.456908
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0.73	0.74	0.635348	0.289764
0.05	0.16	0.13	0.15	0.170727	0.843862
45.71	44.23	49.69	41.85	0.060413	0.771982
0	0.05	0.08	0.03	NA	NA
7.78	7.88	11.25	6.77	-0.11202	0.662854
0	0	0	0	NA	NA
7.18	9.15	9.33	10.04	0.262536	0.297367
0	0.02	0.04	0.03	NA	NA
0.5	0.54	0.65	0.71	0.456299	0.47057
0.06	0	0	0.39	NA	NA
0	0	0	0	NA	NA
3.77	3.35	6.48	3.36	0.004078	0.995428
0.08	0.13	0.08	0.1	NA	NA
0	0	0	0	NA	NA
3.02	3.53	3.44	2.18	0.140746	0.747622
1.43	1.15	1.09	0.88	-1.44438	1.47E-07
0	0	0	0	NA	NA
0.15	0.03	0	0.1	NA	NA
0	0	0	0	NA	NA
0.02	0.05	0.02	0.04	NA	NA
0.01	0	0.02	0	NA	NA
1.38	0.83	1.07	1.44	-0.55426	0.229339
1.09	0.3	0.5	0.59	-0.84837	0.042052
0.03	0.04	0	0.05	NA	NA
0	0	0	0	NA	NA
0.18	0.22	0.11	0.15	0.069866	0.942726
0	0.02	0.17	0.1	NA	NA
0.16	0	0.06	0.07	NA	NA
0	0	0	0	NA	NA
0.6	0.42	0.23	0.32	-0.91055	0.113766
2.33	1.8	1.95	2.05	0.382478	0.270119
0.23	0.02	0.3	0.02	NA	NA
0.04	0.12	0.08	0.09	-0.03486	0.971856
0	0	0	0	NA	NA
0.06	0	0.07	0.13	NA	NA
0.04	0.03	0.03	0.03	NA	NA
0.24	0	0.15	0.29	NA	NA
0.22	0.27	0.6	0.45	-0.33532	0.637843
0	0	0	0	NA	NA
0.02	0.25	0.13	0.13	1.1547	0.06412
0.72	0.52	0.6	0.4	0.09017	0.923514
0.04	0	0	0	NA	NA
0	0.05	0.23	0	NA	NA
0.06	0	0.04	0.05	NA	NA
0	0.02	0	0	NA	NA

1.05	0.44	0.64	0.95	-1.09408	0.010195
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0.05	0.06	0.11	0.08	NA	NA
0	0	0.01	0	NA	NA
0.85	0.55	0.45	0.65	-0.14013	0.863981
0	0.03	0.02	0.03	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.01	0.03	NA	NA
1.26	1.93	1.24	1.41	0.280259	0.636853
0	0	0	0.25	NA	NA
1.82	1.7	1.05	0.95	-0.55623	0.223567
3.14	1.75	1.56	1.64	-0.47319	0.318669
0	0.04	0	0.33	NA	NA
0.03	0.02	0.02	0.02	NA	NA
0.17	0.02	0.12	0.05	-0.81937	0.221688
14.34	21.81	19.53	21.02	0.845269	3.56E-09
50.97	90.04	84.7	86.25	0.632066	1.63E-08
0.36	0.24	0.18	0.57	-0.26288	0.725564
0	0	0	0	NA	NA
0.26	0.3	0.68	0.05	-0.21791	0.799773
0	0	0	0	NA	NA
0.13	0.17	0.12	0.27	0.361315	0.624468
0	0	0	0	NA	NA
0.13	0.1	0.01	0.07	-0.95487	0.139164
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0.11	0.07	0.13	0.12	0.093456	0.910474
0.02	0.04	0.03	0.04	NA	NA
0	0	0	0	NA	NA
0.08	0.03	0.03	0	NA	NA
0.2	0.55	0.2	0.48	-0.23585	0.779226
0.36	1.14	1.26	1.07	0.925473	0.017232
0.71	0.75	0.69	0.81	0.206599	0.56871
0.29	0.2	0.19	0.04	-0.45088	0.553122
0.33	0.45	0.17	0.16	-0.79881	0.187125
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.45	6.73	6.26	6.21	0.47634	0.002823
2.61	1.02	2.25	2.11	-0.87362	0.030526
3.06	5.85	1.4	1.33	0.040338	0.949968
30.61	41.92	48.74	44.84	0.358723	0.009417
0.75	0.48	0.24	0.38	-0.6932	0.160886

0	0	0.15	0.13	NA	NA
0	0	0	0	NA	NA
0.66	0	0	0.17	-1.01016	0.100118
1.92	0.87	0.73	0.86	-0.82215	0.116002
0.29	0.05	0.33	0.27	0.212909	0.801523
0.22	0.07	0.15	0.16	-0.70233	0.232532
0	0.1	0	0	NA	NA
0.06	0.07	0.07	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	0.95	1.21	0.85	-0.28142	0.590161
3.55	4.87	4.5	4.64	0.154307	0.670485
0	0	0	0	NA	NA
0.11	0.15	0.43	0.73	0.805348	0.223228
4.53	5.42	5.02	4.99	0.031803	0.891545
1.07	0.68	0.45	0.73	-0.5606	0.36358
1.62	0.03	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0.03	NA	NA
0	0	0	0	NA	NA
0.25	0.11	0.13	0.2	-0.91614	0.019898
0	0	0	0	NA	NA
0.35	0.51	0.8	0.55	-0.47761	0.327481
0	0	0	0	NA	NA
0.16	0.04	0.1	0.06	NA	NA
0	0	0	0	NA	NA
0.11	0.37	0.44	0.08	NA	NA
0.36	1.03	1.15	1.32	0.236729	0.696843
15.87	18.83	14.25	18.88	0.369484	0.000385
0	0	0	0	NA	NA
2.97	1.94	2.57	2.36	-0.38867	0.256749
0.92	1.35	0.66	0.77	0.396035	0.609463
33.84	40.9	37.33	37.14	0.088847	0.477667
0	0.03	0.05	0.03	NA	NA
0.55	1.18	1.04	0.84	0.490818	0.185456
0	0.04	0.1	0.08	NA	NA
0	0.08	0.14	0.24	NA	NA
1.1	1.09	1.19	1.25	0.323776	0.486054
0	0	0	0	NA	NA
3.13	1.13	0.58	0.51	-0.78119	0.077103
0.68	0.32	0.64	0.98	-0.12781	0.874169
0	0	0	0	NA	NA
0.41	0.81	0.44	0.58	0.501937	0.39037
0.42	0.7	0.43	0.53	-0.01655	0.978117
0	0	0	0	NA	NA

0.03	0.04	0	0.08	NA	NA
0	0.02	0	0.39	NA	NA
0	0	0	0	NA	NA
1.8	0.84	0.83	1	-0.86091	0.003056
2.09	0.99	1.39	1.48	-0.6383	0.201459
0	0	0	0	NA	NA
5.1	3.55	4.74	6.31	-0.05904	0.906152
0	0	0	0	NA	NA
0.38	0.09	0.18	0.14	-0.65528	0.322341
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0.05	0.04	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	1.68	1.53	0.91	0.334122	0.42962
0.43	0.58	0.94	0.55	-0.09514	0.909236
0.07	0	0.28	0	NA	NA
1.65	1.05	1.47	1.25	-0.01586	0.976803
0	0	0	0	NA	NA
3.87	3.62	3.75	3.41	-0.03537	0.916875
0.16	0.32	0.13	0.15	-0.16363	0.836746
0.39	0.14	0.16	0.09	-1.20853	0.018115
0.07	0.05	0.07	0	NA	NA
0	0	0.1	0	NA	NA
4.29	3.85	4.38	3.84	-0.15213	0.544565
0	0	0	0	NA	NA
0.05	0.03	0.06	0.14	NA	NA
7.82	9.82	7.99	8.86	0.035593	0.872037
10.97	13.21	17.59	12.77	0.512792	0.000258
0	0	0	0.16	NA	NA
0	0	0	0	NA	NA
0.73	0.96	0.48	0	-0.71973	0.265284
0	0.11	0.31	0.24	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.83	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.38	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.37	3.49	13.58	5.62 1.691668	1.42E-05
0	0	0	0 NA	NA
0	0.1	0.18	0.31 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0.47	0.49 -0.32361	0.687627
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.32	0.15	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.01	0.02 -1.07759	0.085419
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.95	8.96	10.42	8.17 0.052919	0.88917
0.23	0.08	0.09	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
11.07	4.2	6.64	6.11 -1.06405	5.52E-10
0	0	0	0 NA	NA
0.13	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0	0	0 -1.73553	0.002461
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
1.16	0.12	0.39	0.72 -0.14501	0.871002
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.05	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.52	0.75	1.16	1.13 -0.31516	0.569537
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0.18	0.13	0.25	0 NA	NA
0.1	0.04	0.28	0.03 NA	NA
0	0	0	0 NA	NA
3.02	0.98	1.58	0.81 -0.92283	0.121903
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.01	0.02	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.47	1.18	1.32 1.099466	0.081594
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2	0.59	1.54	1.43 -0.70998	0.043403
0	0.21	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0.15	0.3	0.56 0.063667	0.928303
2.52	2.56	3.62	3.53 -0.03287	0.950703
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.11 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.8	0.49	0.85	0.8	0.260995	0.694378
0	0	0	0	NA	NA
0	0.29	0.66	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0.41	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.66	3.17	1.78	1.01	0.530772	0.287325
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.76	0.42	0.64	0.23	-0.60033	0.397367
0	0	0.05	0.06	NA	NA
0	0	0	0	NA	NA
0.6	0.19	0.51	0.51	-0.56494	0.378421
0	0	0	0	NA	NA
0.61	0.06	0.3	0.17	-0.42512	0.574892
0.39	0.25	0.22	0.42	-0.01972	0.983274
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0.1	0.07	-0.25772	0.756358
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	1.32	1.34	1.91	0.593914	0.355081
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA

0.03	0.13	0.07	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.22	0.42	0	0.28	-0.18429	0.755068
0	0	0	0	NA	NA
0.54	0.17	0.08	0.06	-1.04726	0.09381
0	0	0	0	NA	NA
0.14	0	0	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.32	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.03	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0.1	0	NA	NA
0	0.03	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0.24	0.17	-0.37219	0.623301
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.01	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.08	1.4	0.32	0.19	0.123218	0.876132
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0	0.34	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.16	0	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0.04	0.04	0.02 NA	NA

0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.73	3.38	0	1.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0.01	0.09	0.13	0.02 0.3776	0.627373
0	0	0	0 NA	NA
0	0	0.08	0.09 NA	NA
0	0	0	0 NA	NA
1.91	1.03	1.93	1.72 0.07644	0.90702
0	0	0	0 NA	NA
1.74	0.03	1.01	0.15 -0.6865	0.320211
0	0	0	0 NA	NA
0.44	0	0.17	0 -0.09965	0.819101
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.94	0.68	0.59	0.69 -0.08402	0.905189
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
9.9	8.39	10.58	9.16 0.06463	0.825925
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.08	0.06	0.11 -0.93755	0.0254
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.58	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.18	3.35	2.76	3.19 -0.12648	0.651342
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0.17	0	0.22	0.38 NA	NA
0	0	0	0 NA	NA
0.19	0.32	0.09	0.29 -0.15473	0.861316
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.15	1.88	0.1	1.41 -0.12003	0.890146
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.12	0	0.62 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.23	0.19	0.14 0.458297	0.544467
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA

0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.31	0.23	0.66 -0.40709	0.542757
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.29	0.27	0 NA	NA
0	0	0	0 NA	NA
0.17	0.38	0.32	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0.11	0.13 NA	NA
1.4	0.6	1.6	2.28 -0.23181	0.778767
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0.06 NA	NA
0	0	0	0.24 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.09	0.17	0.19 0.081148	0.932479
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.29	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.74	0.23	1.25	0.95 -0.23857	0.761259
0	0	0.05	0 NA	NA
1.87	0.62	0.63	0.57 -1.31084	2.37E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.71	0.58	0.41	0.12 -0.70854	0.304499
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0.06	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0.05	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.06	0.1	0.07	-0.11238	0.896414
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.47	0.25	0.33	0.404407	0.599474
0.46	0.13	0.19	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.14	0.18	0.51	0.36	-0.91479	0.154131
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.21	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.07	0.06	0.15	NA	NA
0.51	0.11	0.1	0.11	-0.97779	0.130108
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.23	1.08	0.47	1.51 -0.75586	0.171502
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0.15	0.42	0.42	0.33 0.684088	0.250727
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.15	0.12 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
7.92	7.05	6.77	7.57 -0.18675	0.235157
0	0	0.23	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0.12	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0.11	0.13 NA	NA
0.12	0.16	0.11	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.06	0.06	0 NA	NA
0	0.8	0.13	0.02 NA	NA
0	0.11	0.31	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.06	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.34	0	0 NA	NA
0	0.06	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.13	0.06	0.41 NA	NA
0	0	0	0 NA	NA
0	0.38	0.42	0.9 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0 NA	NA
1.08	0.81	0.66	0.92 -0.27652	0.446465
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.88	8.52	9.82	9.17 -0.21262	0.527312
0	0	0	0 NA	NA
2.88	2.69	2.72	2.37 0.36621	0.322341
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.49	1.28	1.17	2.44	0.892745	0.157519
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.76	1.63	2.6	0.57	0.237792	0.748862
4.33	3.77	2.71	2.93	-0.22301	0.678826
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0.03	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.79	6.93	7.73	8.93	-0.01294	0.974295
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.51	1.46	1.77	0.92 0.329541	0.616273
0.05	0.33	0.15	0.24 -0.00828	0.994144
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.17 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0	0.01 NA	NA
0.16	0.23	0.1	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.63	0.27	0.7 -0.41773	0.561089
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0	0	0.24 NA	NA
0	0	0	0 NA	NA
0.02	0.02	0.02	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.14	0.24	0.37	0.27 -2.55629	1.30E-16
6.73	5.74	6.33	6.94 -0.02011	0.939281
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	1.13	0	0.78 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.71	0.48	0.1	1.72 0.117251	0.896909
2.08	1.2	0.81	0.62 -0.45461	0.532747
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0.03	0.02 NA	NA
0.8	0.19	0.45	0.3 -0.69116	0.301606
0.09	0	0.06	0 NA	NA
0	0	0	0 NA	NA
1.73	1.87	1.64	1.5 -0.30292	0.303045
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0.13	0.03 -0.03473	0.972152
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.1	4.5	5.33	5.46 -0.03598	0.948772
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.02	0 NA	NA
0.41	1.39	1.83	2.07 1.359908	0.009334
2.51	1.03	1.4	2.37 -0.49061	0.414764
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.01	0.03	0.02	NA	NA
0.4	0.74	0.69	0.35	-0.077	0.929109
0	0.11	0.09	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
52.57	65.22	65.35	64.4	0.228988	0.019987
0	0	0	0	NA	NA
0.05	0.17	0.13	0.2	1.408775	0.019189
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0.1	0.06	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0.06	0.07	0.04	-1.27197	0.038116
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.38	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0.16	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	0.2	0.31	0	NA	NA
0.6	0.99	0.82	1.79	0.517987	0.455612
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0.41	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.63	54.73	20.88	34.59 1.894024	4.46E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	0.22	0.3	0.57 -0.04917	0.957971
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0.03 NA	NA
0.38	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
8.09	6.13	6.87	5.53 -0.33892	0.036474
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.01	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.07	0.41 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.68	0.33	0.44	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.15	0.41	0.27 0.718207	0.294435
0	0	0.12	0 NA	NA
0.63	0	0.03	0 -3.2626	9.82E-11
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.26 NA	NA
0.41	0	0.07	0.15 NA	NA
0.11	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0.86	0.64	0.89	0.8 -0.27238	0.520552
0	0	0	0 NA	NA
0.21	0.17	0.12	0.18 -0.14228	0.860153
0	0	0	0 NA	NA
0.04	0.03	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	0.18	0	3.2 NA	NA
0.85	1	1.04	0.9 0.154574	0.632339
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.47	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.04	0.13	0.19 0.03909	0.963692
0.01	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.86	0.48	0.34	0.57 -0.33588	0.63017
0	0	0	0 NA	NA
0	0.16	0	0.05 NA	NA
0.03	0.07	0	0 NA	NA
1.79	1.56	1.56	2.63 -0.46863	0.179688
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.23	0.31	0.35 0.065225	0.922927
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.07	0.27	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
13.39	8.05	7.97	7.78 -0.73869	0.000227
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0.09	0.04	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.18	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0.3	0.36	0.38	0.55 0.143066	0.859422
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.33 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.01	0 NA	NA
0	0	0	1.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.17	0.15	0.09 NA	NA
0	0	0	0 NA	NA
0.27	1.59	1.96	0.2 0.191585	0.823938
0	0	0	0 NA	NA
0.15	0.1	0.06	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.32	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0.4	0.1	0.63 0.028614	0.976446
0.05	0.03	0.15	0.13 -0.49278	0.50896
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.31	13.83	14.66	14.49	-0.50241	9.86E-05
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.68	0.27	0	0	-0.08593	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.61	1.01	2.99	3.24	-0.06039	0.945788
0	0	0	0	NA	NA
8.94	0	18.64	0.58	-0.04746	0.931245
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
0.11	0.08	0.18	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.59	1.52	1.86	1.85	-0.59696	0.196205
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.9	4.77	4.65	4.19	-0.60341	0.00723
0	0	0	0	NA	NA
0.01	0.02	0	0.07	-0.37571	0.628307
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.73	1.39	1.11	1.21	-0.21464	0.546118
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
19.66	21.23	21.22	18.6 -0.02688	0.908519
1.48	0.67	1.23	2.82 -0.13507	0.862825
0	0	0	0 NA	NA
2.07	5.07	3.7	4.12 0.595331	0.226314
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.43	0.14	0.15 -0.07185	0.938972
0.66	0.42	0.42	0.33 -0.76972	0.220278
0.15	0.09	0	0 NA	NA
0.04	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.1	4.04	7.1	5.07 -1.07776	1.57E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0.08	0.09 NA	NA
0	0	0	0 NA	NA
0	0.08	0.15	0.13 NA	NA
0	0	0	0 NA	NA

0.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.43	0.61	0.52 -0.22917	0.787143
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.18	0.19	0.24 -0.15465	0.852157
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0	0.11 NA	NA
0	0	0	0 NA	NA
0.37	0	0.14	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.04	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.31	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.28	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0	0	0	NA	NA
5.41	4.81	5.19	5.36	0.05394	0.804596
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.01	0.38	0.7	0.61	-0.0099	0.992442
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.41	6.18	5.27	4.22	0.048196	0.944533
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.09	0.14	0.16	-0.42327	0.56871
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.46	0.31	0.43	0.38	-0.24136	0.60914
0	0	0	0	NA	NA

0	0.19	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.92	2.13	2.56	3.14 -0.41852	0.192886
0	0	0	0 NA	NA
0.16	0.06	0.07	0.03 -1.05278	0.086818
0	0	0.13	0.07 NA	NA
1.93	2.26	1.69	2.53 -0.35363	0.258601
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0.03	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.41	0.45	0.4 0.213729	0.785803
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.19	1.68	1.23	0.88 0.812505	0.097384
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.87	3.84	3.39	3.25 0.123672	0.746806
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.16	0.39	0.05	0.42	-0.14313	0.872941
9.98	6.89	7.49	7.99	-0.48782	0.006372
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.16	3.17	0.99	2.48	0.906167	0.04037
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0.19	0	NA	NA
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	1.05	0	0.27	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.44	0.67	0.3	0.78	0.163438	0.819846
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.15 NA	NA
10.7	14.9	13.05	13.1 0.378873	0.005649
0.5	0.72	0.16	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.36	0.55	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.18	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0.09	0.06 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.19	0.28	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0.43	0.2 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.92	0.75	0.16	0.71 -1.76882	0.000293
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.24	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.23	0.23	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.93	0.7	1.35	0.98 -0.16343	0.700418
0.55	0.07	0.11	1.15 NA	NA
0	0	0.12	0 NA	NA
2.8	3.7	2.66	3.15 -0.37366	0.340017
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0.15	0.05	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.4	1.97	2.12	1.89 0.215814	0.734024
0.18	0	0	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0.2	0.19	0.23	0.15 -0.39672	0.607465
0	0	0	0 NA	NA
0.38	0.81	1.06	0.63 0.648225	0.358058
0.24	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.84	0.46	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0.14	0.08 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.39	0.08 NA	NA
0	0	0	0 NA	NA
0.11	0	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
15.01	10.51	11.19	12.01 -0.45639	0.001549
0.08	0.03	0.07	0.08 0.134032	0.879126
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.02	0.05	0 -0.76948	0.254601
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.43	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.12	6.36	4.83	3.62 0.576588	0.063691
0	0	0	0 NA	NA
0	0.06	0.27	0.02 NA	NA
0	0	0	0 NA	NA
2.26	1.5	0.77	1.53 -0.73619	0.214293
0	0	0	0 NA	NA
0.21	0.06	0.21	0.15 -0.05073	0.952639
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0.12	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.66 NA	NA
0.13	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0.67	0.21	0.39 -0.0673	0.944533

0	0	0	0	NA	NA
0	0	0	0.69	0.074407	0.868021
2.18	1.28	1.8	3	-0.31889	0.338471
0	0	0	0	NA	NA
0.07	0.09	0.02	0.13	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0.34	0	0	NA	NA
0	0	0	0	NA	NA
0	0.5	0	0	NA	NA
0	0	0.05	0	NA	NA
0.35	0.62	0.59	0.13	0.021821	0.982392
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.13	0.15	NA	NA
0	0.17	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0.11	0	0.66	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0.23	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.14	0.07	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0.2	0.1	0.32	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.68	0.61	0.63	0.68 -0.1962	0.560623
0.04	0.03	0.03	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.64	0.53	0.68 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.34	0.27	0.48 -0.56789	0.327108
1.88	3.29	3.41	2.53 0.804468	0.004668
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.63	0 NA	NA
0.21	0.39	0.24	0.48 0.115308	0.879103
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.44	0.54	1.05	1.81 -1.4749	1.32E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.55	3.23	4.19	2.99 0.042443	0.89455
0	0	0	0 NA	NA

0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
1.55	1.51	1.03	1.43	0.07896	0.929197
2.62	2.28	3.29	1.83	-0.26024	0.58687
0	0	0	0 NA	NA	
0.17	0.13	0.18	0.43	0.3363	0.672472
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.16	2.72	1.55	2.01	1.739218	0.001651
0	0	0	0 NA	NA	
0.08	0.16	0.35	0	-0.41083	0.587288
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.1	0.25	0.09	0 NA	NA	
0	0	0	0 NA	NA	
0	0.01	0.01	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.13	0.23	0.09	0.19	NA	NA
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.48	0.54	0.54	0.57	0.21453	0.734645
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
1.06	0.3	0.24	0.63	-0.97725	0.040441
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	

1.16	0.77	0.89	0.76	-1.04899	0.008057
0	0	0	0	NA	NA
0	0.1	0.18	0	NA	NA
0	0.28	0.52	0.15	0.53282	0.468064
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
1.35	0.41	0.26	0.85	-1.49084	0.000302
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.2	0.11	0	NA	NA
0	0.22	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.65	5.08	5.94	5.73	-0.01517	0.956971
0	0.27	0.12	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0.48	0.48	0.7	-0.20761	0.801875
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.8	4.76	5.66	5.79	-0.2038	0.352007
0.37	0.4	0.24	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	2.53	1.07	1.49	0.963314	0.107572
0.42	0.07	0.04	0	NA	NA
0	0	0	0	NA	NA
0	0	0.53	0	NA	NA
0.02	0	0.03	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.42	1.35	0.95	1.09	0.255656	0.754608

0	0	0	0	NA	NA
0	0	0	0	NA	NA
75.33	59.56	64.88	53.83	-0.47162	6.44E-10
0	0	0	0	NA	NA
0.14	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1	0.35	0.61	0.53	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.99	0.61	0.86	0.86	-1.01353	0.005529
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0.04	NA	NA
0	0	0	0	NA	NA
1.16	1.08	1.47	0.82	-0.32702	0.449002
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
1.38	0.91	0.81	1.1	-0.439	0.155768

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.01	0.02 NA	NA
0	0	0	0 NA	NA
0	0.13	0.21	0.18 -0.56146	0.419903
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0	0.17 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.82	1.63	1.89	0.23 -1.0775	0.047206
1.42	1.67	1.32	1.13 0.058464	0.928909
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0.08	0	0.05	0.24 NA	NA
0	0	0	0 NA	NA
2	1.6	1.05	2.1 -0.19803	0.622432
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	12.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0.32	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.32	0.29	0.25 NA	NA
0.34	0.35	0.23	0.96 0.014135	0.989187
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0.45	0.85	0.32	0.67 0.343293	0.554892
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.21	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
19.41	22.67	22.8	23.95 0.245044	0.008143
0	0	0	0 NA	NA
0.78	1.25	0.95	1.11 0.073993	0.92335
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0	0.72	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.05	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.04	3.27	4.38	4.16 -0.05337	0.908112
0.76	0.7	0.91	0.69 0.06446	0.92437
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
29.91	41.69	44.68	45.78 0.668544	2.69E-14
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.01 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.64	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.04	0.12 NA	NA
0	0	0	0 NA	NA
8.01	6.24	8.05	7.76 -0.20979	0.228664
0.34	0.61	0.61	0.99 0.668028	0.061331
0.52	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.07	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.19	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.04	1.57	3.48	2.22 -0.13135	0.852034
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.6	1.61	1.13	1.36 -0.11674	0.837257
0.13	0.09	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.37	0.52	0.68 -0.03858	0.965501
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0.13 NA	NA
0	0.21	0.1	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
53.99	46.76	47.3	52.38 -0.10107	0.266669
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.78	3.86	4.85	5.6 -1.24625	2.02E-15
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.28	0.09	0 NA	NA

0	0	0	0	NA	NA
0	0.21	0.07	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.43	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.21	0.19	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.05	0.13	0.34	0.53	-0.65018	0.356637
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.09	0.17	0.12	-0.74653	0.245457
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	0.58	1.79	1.4	0.201094	0.803403
0	0	0	0	NA	NA
0.13	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.88	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1	0.48	1.09	0.25 -0.07182	0.941231
0	0.08	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.91	1	0.83	1.19 0.11391	0.762429
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.11	0.21	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	0.24	1.3	0.74 0.19443	0.817247
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.02 NA	NA
0.5	0.23	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.27	0.5	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.87	6.44	3.35	4.15 1.882731	1.86E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.13	0.07	0.08 -0.39671	0.602449
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.89	0.26	1.2	1.05	-0.64306	0.232565
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.45	1.23	0.9	0.77	0.990699	0.051241
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0.21	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.1	0.09	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.16	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0.12 NA	NA
0	0	0	0 NA	NA
0.26	0.08	0.05	0.09 -0.6452	0.361968
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.19	6.26	5.92	6.73 0.293338	0.087428
0	0	0	0 NA	NA
1.17	1.69	1.2	0.93 0.104713	0.904541
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.26	2.11	0.38 0.550618	0.451066
2.35	3.87	4.79	4.87 0.503075	0.308411
0	0	0	0 NA	NA
9.94	8.19	9.08	8.56 -0.22538	0.024047
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.13	14.51	16.25	16.84 -0.03075	0.790875
0	0	0.1	0 NA	NA
1.6	1.78	1.62	1.49 0.035289	0.909236
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.6	8.5	7.21	6.86 0.115268	0.610062
0	0	12.79	0 NA	NA
0	0	0	0 NA	NA
0.07	0.02	0.04	0.03 -0.27811	0.735872
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.42	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0.13 NA	NA	
0.28	0.29	0.43	0.43	0.544522	0.238958
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.2	0.15	0	0.15 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
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0	0	0	0 NA	NA	
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0	0	0	0 NA	NA	
4.75	7.99	6.2	7.3	0.446931	0.000726
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	

1.31	10.05	12.82	11.1	2.468	8.72E-16
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
11.03	9.03	9.63	11.19	0.186109	0.689248
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
1.93	0	0.59	0.45	-1.4459	0.01186
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.4	0.47	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.27	0	0	0.41 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.07	0.83	0.38	0.63	1.362551	0.011513
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
6.92	6.32	7.02	6.25	-0.074	0.671429
0	0	0	0 NA	NA	
0	0	0	0.17 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.06	0.07	0.07 NA	NA	

2.1	1.81	1.97	2.3	-0.10133	0.785803
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.59	0	0.21	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.04	0.01	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.53	4.22	4.48	4.57	0.572868	0.303085
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.98	11.25	11.21	11.4	0.39153	0.000105
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.32	1.21	1.19	1.11	-0.24977	0.524162
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.03	0.08 NA	NA
0.03	0.02	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.33	0.26 NA	NA
20.01	23.75	18.57	15.6 0.149823	0.600061
0	0.05	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
5.82	4.74	5.83	3.82 0.07305	0.710129
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0.05	0.09	0.1	0.11 0.214633	0.800959
0	0	0	0 NA	NA
0	0.35	0	0.57 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0.17 NA	NA
0	0	0	0 NA	NA

0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.02	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.31	5.91	3.77	4.65 0.15902	0.530244
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.96	4.1	4.91	2.93 -0.00846	0.986207
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.57	1.55	2.47	2.1 0.042756	0.94882
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.79	17.12	17.03	17.8 0.305011	0.003844

0	0	0	0 NA	NA
0	0	0.41	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.63	0.5	0.32	0.63 0.014469	0.987886
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0.4	0.38	0.55	0.46 0.440485	0.372883
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
2.64	1.9	2.89	2.66 -0.1389	0.636669
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0.13	0	0 NA	NA
0.02	0	0.06	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.09	0.03 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.08	0.76	1.2	1.02 -0.13054	0.742475
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.04	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.02	0.16	0.12 -0.07065	0.942206
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.66	0.43	0.41 0.346204	0.650233
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0.5 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.13	0.02	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
2	1.44	0.84	0.88 -0.21479	0.767346
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.06	0	0.07 NA	NA
0	0	0	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.4	0	0.03	0.06 -1.67146	0.004247
0	0	0	0 NA	NA
0	0.28	0.19	0.07 NA	NA
0.27	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.51	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.09	0	0.58	1.52 -0.24923	0.766424
0	0	0	0 NA	NA
0.11	0.16	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

4.71	1.02	2.03	1.04	-1.54259	0.000869
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.34	NA	NA
0.03	0.03	0.04	0.02	-0.44896	0.551917
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.12	0.12	0.03	-0.46626	0.537335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.18	0.5	0.38	NA	NA
0	0.13	0.05	0.06	NA	NA
1.24	0.82	0.96	0.9	-0.30654	0.515531
0	0	0	0	NA	NA

0	0	0.1	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0.16 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.03	0.05 NA	NA
1.44	0.9	1.22	1.34 -0.108	0.877792
5.13	7.42	6.92	6.88 0.346054	0.004373
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.22	1.89	2.31	2.32 -0.31431	0.515531
0	0	0	0 NA	NA
0.51	0.06	0.11	0.19 -0.7544	0.268058
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0.13	0 NA	NA
0	0	0.12	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.1	0.56	0 NA	NA
0.08	0.19	0.03	0.03 -0.01022	0.992479
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.12	0.04 NA	NA
31.48	25	28.64	26.36 -0.18926	0.278471
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.88	6.4	8.73	6.89	-0.43806	0.114373
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.14	0.19	0.16	0.203885	0.771116
0	0.4	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.21	2.65	2.86	2.52	0.456613	0.298406
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.13	0.24	0	NA	NA
0	0	0.07	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.06	0.07	NA	NA
0	0	0	0	NA	NA
0.12	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	2.76	2.48	1.47 0.847121	0.142155
0.04	0.01	0.05	0.01 -0.45914	0.539415
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0.5	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0.01	0 -1.19764	0.042937
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.1	0.09	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.08	0.15	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.07	0.1	0.35	0.12 -1.30615	0.01218
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.37	1.16	0.96 0.309423	0.696368
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0.1	0.19 NA	NA
0	0	0	0 NA	NA
0.96	4.01	2.75	3.08 0.889966	0.008538
0.74	2.44	1.66	1.24 0.57003	0.215995
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0.26	0.29	0.49 0.140458	0.850501
8.11	7.2	7.7	7.1 -0.12197	0.523528
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0.25	0.19 NA	NA
0	0	0.91	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.29	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.06	0.41	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
2.67	1.68	1.63	1.9 -0.77896	3.79E-05
0.58	0.42	1.01	1.15 0.30006	0.698958
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.14	3.7	4.2	3.31 -0.71807	0.003632
0	0	0	0 NA	NA
0	0.1	0.12	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.09 NA	NA
0	0	0	0 NA	NA
0	1.27	2.67	1.49 -0.05207	NA
0	0	0	0 NA	NA
0	0	0.39	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.9	1.99	3.14	2.04 -0.3688	0.505474
0	0	0	0 NA	NA
2.65	4.62	5.5	6.39 0.85855	0.000472
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0.11	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
803.18	740.2	755.04	692.4	-0.1831	0.020586
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0.11	0	0.06	NA	NA
0	0.05	0.47	1.31	0.255215	0.75745
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
1.04	0.75	0.21	0.95	-0.51145	0.451225
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.72	0.71	1.33	1.71	-0.08591	0.921213
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.39	0.09	0.18	0.25	NA	NA
0	0	0	0	NA	NA
0.67	0.24	0	0.74	NA	NA
0	0	0	0	NA	NA
1.24	0.77	0.33	1.81	0.394293	0.573033

0	0	0	0 NA	NA
0.37	0.09	0.25	0.09 NA	NA
0	0.03	0	0 NA	NA
0.22	0.24	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.11	0.5 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.78	3.22	2.06	2.43 0.130871	0.72224
0.06	0.15	0.08	0.1 0.199746	0.776743
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.02	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.64	0.62 0.099135	0.842277
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.14	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.11	8.93	5.63	7.31	0.34679	0.173353
1.63	0.52	1.19	0.27	-0.67045	0.323617
2.29	0.83	2.33	1.69	-0.25467	0.65647
0	0	0	0	NA	NA
0.1	0	0.03	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.17	2.65	0	1.6	-0.00541	0.995428
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.7	0.22	0.3	0.34	-0.80135	0.113436
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0.22	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0.22	NA	NA
0	0	0	0	NA	NA
0.41	2.19	1.42	2.37	1.499328	0.002743
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.08	0.08	0	NA	NA
0	0	0	0	NA	NA
0.15	0.11	0.19	0.56	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.29	12.99	10	10.1	0.157394	0.526847
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.46	1.14	2.05	3.16 -0.05396	0.950843
0.32	0.23	0.2	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.15	0.38	1.98	2.09 -0.00705	0.993344
0	0	0	0 NA	NA
0.09	0.13	0.18	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0.03	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.02	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.41	0.18	0.41 -0.27829	0.734587
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.37	0.34	0.13 0.397456	0.591581
0	0	0	0 NA	NA
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0.24 NA	NA
0.26	2.99	1.56	0.32 0.39214	0.574697
0	0	0	0 NA	NA
0	0	0	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
13.08	20.83	16.91	16.13 0.212072	0.095864
0.15	0.33	0.4	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.54	0.79	0.66	0.7 -0.48763	0.435353
8.84	9.77	8.57	8.52 -0.00792	0.967024
0	0	0	0 NA	NA
0	0	0	0 NA	NA
105.56	144.14	136.5	138.26 0.321553	0.000138
0.07	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.17	0.14	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.68	0.4	0.23 NA	NA
0.2	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.3	0.11 NA	NA
0	0	0	0 NA	NA
1.37	2.1	1.58	1.5 -0.20432	0.760373
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0	0.17	0.04 -0.27933	0.624592
0	0	0	0 NA	NA
0	0.51	0.35	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0.57	0.63	0.73 -0.1041	0.908519
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.23	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0.23	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.05	0	0 NA	NA
0.36	0	0.45	0.13 NA	NA
0	0	0	0 NA	NA
0.24	0.86	0.27	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA

0	0	0.15	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.41	22.91	18.28	27.74	0.997385	0.032464
0	0.01	0.06	0.49	-0.06005	0.933652
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.63	3.28	1.87	1.11	-0.40471	0.590167
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0	0	0	NA	NA
0	0	0	0	NA	NA
0	2.31	0.28	1.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
0.4	0.38	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13	36.74	24.5	29.82	1.144052	3.21E-18
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.41	0.31	0.3	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.39	0.42	0.7	0.45	0.194442	0.794074
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.77	0.82	1.36	1.33	-0.6547	0.104488
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.05	0.99	0.85	1.34	-0.12264	0.876132
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0.83	0.9	0.39	0.028599	0.9757
15.4	24.76	16.64	17.32	0.153489	0.744989
0	0	0	0	NA	NA
0.41	0.88	0.79	0.62	0.52765	0.283156
0	0	0	0	NA	NA
0	0	0	0.09	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0	0	0 NA	NA
0.22	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.68	2.87	5.71	4.6 -0.44557	0.215995
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.33	0	0	5.51 -0.20244	0.696368
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.46	0.11	0.92 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
116.98	132.98	136.72	135.06 0.237156	0.009065
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0.83	1.02	0.96 0.330428	0.513143
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.3	0.04 NA	NA
1.09	1.68	2.97	2.34 0.803751	0.147871
0	0	0	0 NA	NA
0	0.04	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.11	0 NA	NA
0	0.05	0.09	0 NA	NA
0	0.27	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0.06	0.03	0.05	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.12	0.51	0.18 -0.09636	0.907869
0.09	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.2	1.8	1.89	1.66 0.517768	0.135861
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.14	0.37	0.33 -1.09327	0.01081
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0.12	0.1 -0.44078	0.476585
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0	0.33	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	0.6	0.67	0.91 -0.23083	0.692109
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.85	0.36	0.19	0 NA	NA
0	0	0	0 NA	NA
0.03	0.06	0	0.14 NA	NA
1.99	2.11	2.87	2.2 0.135182	0.741276
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.02	3.02	2.61	2.44 0.416861	0.03647
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.68	0.25	0.11 0.023914	0.980147
0	0	0.35	0.08 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.94	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.53	1.32	1.31 0.077995	0.931947
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
2.49	1.57	1.6	2.72 -0.6711	0.051746
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.75	0.45 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.01	1.41	1.94	1.35 -0.66049	0.057527
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.16 NA	NA

0.86	1.4	2.55	2.19	0.9886	0.003872
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
1.4	0.24	0	0.1 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
3.21	3.25	4.02	1.27	-0.03633	0.95555
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.26	0.34	0.81	0.7	0.421679	0.568414
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.2	1.07	0.92	1.26	0.529609	0.467533
0	0	0	0 NA	NA	
0	0.73	0	0.65	0.823554	0.170953
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
13.74	14.15	17.05	17.09	0.088508	0.544229
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.02	0.07	0.11	0.04	0.987273	0.10619
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.14	0.13	0 NA	NA	

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.2	0.13	0.12 0.684834	0.310228
0	0	0	0 NA	NA
0.22	1.06	0.88	0.65 0.708784	0.137684
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.15	0.09	0.11 -0.45755	0.542026
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.43	2.01	2.06	1.6 -0.19703	0.517818
0.03	0	0	0 NA	NA
0.05	0.02	0.07	0 -0.36358	0.636669
0.1	0.09	0.2	0.37 NA	NA
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0	0.02 NA	NA
0.03	0.07	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
1.85	0.97	3.22	2.1 -0.09837	0.888431
0	0	0	0 NA	NA
0.32	0.41	0.55	0.54 0.298302	0.643492
0	0	0	0 NA	NA
0.44	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
2.56	0	0	2.55 -0.27992	0.634393
0	0	0	0 NA	NA
0	0.27	0	0 NA	NA
0.15	0	0	0.11 NA	NA
0	0	0.31	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.14	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.06	0.03 -0.45257	0.546314
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.4	0.38	0.11 0.618181	0.382844
0	0	0	0 NA	NA
0	0	0	0 NA	NA
27.4	25.3	29.06	26.21 -0.20193	0.176246
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.3	6.01	7.07	8.08 0.209424	0.530724
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
14.21	14.3	16.11	15.69 -0.01354	0.950846
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.48	0.24	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.84	2.84	3.75	3.47 -0.05404	0.908763
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA

0.12	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0.08	0 NA	NA
0	0.04	0.12	0.04 NA	NA
0.3	0.18	0.54	0.08 0.044012	0.963303
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
1.52	1.18	0.38	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.36	0.08	0 NA	NA
1.9	3.49	3.39	2.21 0.183204	0.721197
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.3 NA	NA
0	0.92	0.08	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.51	0.41	0.4 -0.41392	0.21952
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
1.59	0.83	0.48	0.33 -1.09362	0.059883
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0.14	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	0.28	0.63	0.29 -0.03567	0.969893
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.3	0	0.06 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.33	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0.43	0 NA	NA
0	0	0	0 NA	NA
1.12	0.4	0.34	0.4 NA	NA
0	0	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.87	0.69	0.9	0.74 0.214981	0.568438
0	0.18	0	0 NA	NA
0.32	0	0	0 NA	NA
0	0	0	0 NA	NA
0.92	1.65	0.59	1.37 0.335096	0.671172
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.34	0.88	0.59 2.139659	2.75E-05
0	0	0	0 NA	NA
14.81	18.56	18.55	18.24 0.366054	0.000434
0	0	0	0 NA	NA
0.09	0	0.08	0 NA	NA
0.42	0.68	0.43	0.77 0.273395	0.70575
24	14.19	13.2	16.86 -0.34512	0.059496
0	0	0	0 NA	NA
6.54	6.17	8.14	7.65 0.217816	0.520384
1.1	0.59	0.54	1.17 -0.56953	0.246536
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
1.99	3.25	2.97	2.62 0.328746	0.468266
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.16 NA	NA
0.13	0.09	0.08	0 NA	NA
0	0	0	0 NA	NA
4.71	3.74	3.69	3.91 0.148054	0.512275
0	0	0	0 NA	NA
0.5	0.77	0.73	0.77 -0.20525	0.759031
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.05	0.57	1.39	1.51 -0.66716	0.250727
0	0	0	0 NA	NA
0.04	0.15	0.1	0.38 0.242195	0.76732
0	0.26	0	0 NA	NA
0	0.36	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.38	0.18 NA	NA
0	0	0	0 NA	NA
0	1.79	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.38	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0	0.03 NA	NA
0	0	0	0 NA	NA

0	0	0.4	0 NA	NA
0.24	0.13	0.12	0.47 -0.25387	0.74724
0	0	0	0 NA	NA
0	0.25	0.06	0.26 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0	0 NA	NA
0.57	0.53	0.98	0.17 0.320694	0.612158
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.13	0.37	0.26 0.063023	0.946459
0	0	0.51	0 NA	NA
0	0	0	0 NA	NA
0.05	0.22	0.16	0.3 0.580133	0.42196
3.27	2.69	2.54	2.77 -0.44559	0.028074
0	0	0	0 NA	NA
1.78	0.9	0.89	0.88 -0.38738	0.284762
0	0	0	0 NA	NA
0	0.24	0.3	0.94 NA	NA
10.46	45.51	32.35	40.4 1.703441	4.40E-40
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.33	0.56 NA	NA
0	0	0	0 NA	NA
0.42	4.17	2.36	2.91 2.223936	6.70E-06
8.7	12.22	8.31	9.33 0.348725	0.093781
0	0.29	0.09	0.21 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.05	0.06 NA	NA
0	0	0	0 NA	NA
0.07	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0	0.3	0.25 -0.3992	0.601709
0.14	0.05	0.14	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.08	0.07	0.06 NA	NA
0	0.25	0.3	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.33	0.21	0.28	0.22 -0.00447	0.996287
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.24	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.55	4.07	6.25	5.35 0.138699	0.700418
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.41	0.23	0.26 -0.71773	0.278147
0	0	0	0 NA	NA
0	0	0	0 NA	NA
22.19	31.14	38.58	31.54 0.307351	0.138212

0	0	0	0 NA	NA
5.37	4.09	5.24	4.82 -0.16903	0.601564
0	0.05	0.09	0.05 NA	NA
4.82	6.19	5.48	5.6 0.228222	0.106397
0	0.07	0.19	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.72	0.83	0.54 -0.05791	0.948772
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.29	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.1	0.09	0.1 NA	NA
0	0.31	0	0.69 -0.16386	0.850235
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0.32	0.39	0.4	0.49 0.130031	0.869186
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
19.5	16.62	13.7	18.36 -0.48858	0.02231
1.83	2.41	2.15	1.43 -0.35416	0.364255
0.03	0	0	0.02 NA	NA
0	0.31	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.1	0.22	0.21 0.094731	0.916858
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0.18	0.01	0.04	0.03 -1.2405	0.043126
30.61	33.25	29.77	26.99 -0.04141	0.816626
0.15	0	0.15	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.98	1.7	1.59	1.47 0.460055	0.139768
0	0	0	0 NA	NA
0.42	0	0.19	0.22 NA	NA
0.12	0.35	1.12	0.55 1.091776	0.083315

0.11	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.09	10.26	11.96	14.7	0.019313	0.945788
0	0	0	0	NA	NA
0.08	0	0	0.12	NA	NA
0	0	0.05	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
25.7	24.81	22.74	25.55	0.054842	0.865554
1.14	0.84	0.88	0.84	-0.62265	0.155245
0	0	0	0	NA	NA
3.07	2.07	4.15	2.61	0.035221	0.94882
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.8	4.3	4.12	4.64	-0.20589	0.394391
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.23	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.2	NA	NA
0.18	0.41	0.33	0.12	0.254037	0.761272
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.34	0	0.12 NA	NA
0	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.07	1.43	0.84	0.97 -0.35067	0.408819
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.22	0.41	0.34 0.169384	0.847782
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0.57	0.75	0.47 -0.34433	0.483115
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.43	1.58	0.85	1.63 -0.27775	0.541018
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.1	0.05	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.41	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0	0	0	1.52 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	1.19 0.145674	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.52	2.55	3.7	3.7 1.326975	0.009288
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.05	0 NA	NA
0	0.11	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.43 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
22.52	65.32	48.86	51.38 1.343927	3.83E-13
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.04	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.15 NA	NA
0	0	0	0 NA	NA
0	0.75	0	0.12 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.95	0.3	0.42	0.88 -0.42757	0.55685
0	0.02	0	0 NA	NA
0.88	0.93	0.76	0.65 -0.13048	0.846238
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.04	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.21	0.02 -0.4624	0.533692
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0.13 NA	NA
0	0	0	0 NA	NA
0.38	0.28	0.35	0.36 -0.50257	0.343974
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.94	0.59	0.94	0.45 -0.43	0.423732
0	0.97	0.19	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.13	0.06	0.43 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0.29	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.57	1.76	2.88	3.27	0.189461	0.727418
0	0	0	0	NA	NA
4.29	4.46	4.19	4.39	0.097846	0.549896
0	0.59	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
52.41	43.78	52.05	49.12	0.043102	0.759226
0	0	0	0	NA	NA
1.53	1.24	1.82	1.4	-0.32178	0.36391
0	0.06	0	0	NA	NA
0	0.36	0	1.48	NA	NA
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
1.81	2.52	1.58	1.37	-0.22825	0.539651
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.91	0.42	0.8	0.814801	0.194399
0	0	0.04	0.11	NA	NA
0	0	0	0	NA	NA
6.13	3.85	5.75	2.56	-0.43708	0.316511
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0.44	0.62	0.51	0.5	0.122711	0.800247
0	0	0	0	NA	NA
0	0	0.09	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.21	0.36	0.35 0.414122	0.518424
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.16	0.19	0.27 -0.40186	0.548809
0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.07	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.26	0.32	0.61 0.099564	0.88333
0	0	0	0 NA	NA
10.55	11.67	11.36	11.54 0.155242	0.267769
1.17	1.85	0.42	1.43 0.160587	0.844576
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.09	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0.12	0.21	0.36 NA	NA
0	0	0	0 NA	NA
0.37	0.81	1.61	0.27 -0.57823	0.421641
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.96	1.53	1.23	2.93	-0.52244	0.436467
0	0	0	0	NA	NA
0.4	0.67	0.1	0	-0.2068	0.802066
0	0	0	0	NA	NA
12.2	12.58	12.93	12.85	0.062221	0.695914
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0	0	0	NA	NA
0	0.02	0	0.09	NA	NA
0	0	0	0	NA	NA
0.11	0.08	0.05	0.01	-0.42942	0.574794
0	0	0	0	NA	NA
0	0.23	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.63	0.3	0.24	0.460466	0.542468
0	0	0	0	NA	NA
0.21	0.09	0.14	0.17	-0.42634	0.489325
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.72	0.74	1.33	1.31	0.072629	0.939809
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.41	7.3	5.95	7.71	0.266881	0.039044
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.02	0	NA	NA
0	0	0	0	NA	NA

2.24	1.13	1.17	1.24	-0.7829	0.011187
0.18	0.46	0.19	0	NA	NA
0	0	0.38	0.51	0.639485	0.286745
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.99	3.01	3.03	3.41	-0.02975	0.876943
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.14	10.9	11.05	8.55	0.007955	0.975146
0.04	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.47	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.85	2.18	2.64	5.13	-0.39134	0.528582
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	1.33	1.62	0	0.521687	0.342304
0	0.19	0.22	0.14	0.897796	0.1693
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0.15	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.03	0.9	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	1.67	-0.17298	0.71014
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
1.34	1.25	0.89	1.34	-0.39882	0.524186

0	0.05	0.05	0.11	NA	NA
0	0	0	0	NA	NA
8.91	6.97	6.96	8.02	-0.03265	0.972027
0	0	0	0	NA	NA
1.38	1.96	1.24	0.96	-0.10687	0.894838
0	0	0	0	NA	NA
7.03	2.24	3.98	4.3	-0.02561	0.974622
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0.61	0.22	0.4	0.57	-0.20467	0.812855
0	0	0	0	NA	NA
0.23	0.05	0.63	0.49	-0.78696	0.243995
0.12	0.14	0.05	0.06	-0.33115	0.671172
0	0	0	0	NA	NA
0.04	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.23	0.44	0.94	0.56	0.016652	0.984835
1.34	3.94	3.78	3.77	1.110418	2.06E-12
0.4	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.14	0.15	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.25	10.8	5.07	7.2	1.419347	5.46E-05
0.04	0	0.09	0.07	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.09	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.62	11.23	11.9	11.25 -0.05925	0.76237
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.79	0	0.24 -0.27209	0.73757
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.61	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0.12	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.48	0	0.46	0.36 NA	NA
8.34	10.61	8.68	6.92 -0.02028	0.965837

0	0	0	0	NA	NA
5.38	5.46	5.3	5.93	-0.18518	0.377866
0	0	0	0	NA	NA
7.55	9.18	12.07	10.91	0.231637	0.311316
0	0.12	0	0.13	NA	NA
0	0	0	0	NA	NA
0.17	0.24	0.66	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
69.96	110.39	98.24	103	0.382665	0.000171
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.8	0.08	0.97	0.34	-1.54661	0.003535
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	0.69	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.24	0.15	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0.08	NA	NA
0	0	0	0	NA	NA
14.57	14.6	27.03	28.04	0.438565	0.121341
0	0	0	0	NA	NA
0.83	0.73	0.52	0.21	-0.40303	0.598721
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.26	0.12	0.14 NA	NA
0.17	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.87	1.06	1.02	1.07 -0.69142	0.039167
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.83	2.07	2.89	1.73 -0.3677	0.513527
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.12	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0.41	1.01	1.03 0.229653	0.739451
0	0	0	0 NA	NA
0	0.2	0.13	0.07 NA	NA
0	0	0	0 NA	NA
0	0.64	0.88	1.34 0.844917	0.166296
47.27	33.04	36.34	36.68 -0.3564	3.61E-06
0	0	0	0 NA	NA
0	0.09	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.41	0	0 NA	NA
0	0	0	0 NA	NA
11.36	14.08	13	11.31 -0.00616	0.984238
0.21	0.18	0.17	0.17 -0.41517	0.417064
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.09	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0.2	0.04	0.19	0.17 -0.12882	0.884574
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0.17	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.79	0.18	1.19	0.54 0.126787	0.888457
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.34	0 NA	NA
0.32	0	0	0 NA	NA
0.92	0	0.35	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
3.15	2.95	3.29	3.28	-0.01409	0.973889
0.39	0.09	0.03	0.3	-1.01282	0.087169
0	0	0.6	1.4	0.328175	0.528371
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.32	0.39	0.51	1	0.79605	0.238781
0.02	0.02	0	0	NA	NA
0	0.16	0.11	0	NA	NA
0	0.13	0.24	0.27	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.15	0.49	0.48	0.929748	0.128134
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.09	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.25	0.14	NA	NA
0	0	0	0	NA	NA
0.19	0.17	0.06	0.29	-0.08619	0.927899
0.76	0.5	0.6	0.89	-0.34483	0.645015
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.17	NA	NA

0.35	0.48	0.45	0.59	0.153419	0.848795
0	0	0	0	NA	NA
0.06	0	0.03	0	NA	NA
0.42	3	3.79	3.55	0.707747	0.169119
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0	0	0.23	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.75	3.52	1.7	4.41	0.439698	0.355468
0	0	0	0.32	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0.02	0.12	NA	NA
0.04	0.05	0.05	0	NA	NA
0	0	0	0	NA	NA
0.22	0	0.07	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.32	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.95	0	0.15	1.38	0.004667	0.996111
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.81	3.82	4.24	4.71	0.143335	0.824304
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0.86	0.76	0.51	0.590592	0.378376

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.8	0.91	0.18	0 NA	NA
0	0	0	0 NA	NA
0.15	0.32	0.52	0.3 NA	NA
0	0	0	0 NA	NA
0.23	0.22	0.55	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.3	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	1.55 NA	NA
0	0	0	0 NA	NA
0	0	0	0.33 NA	NA
31.95	27.84	30.68	24.41 -0.05141	0.735762
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

2.53	1.76	1.89	1.84	-0.34545	0.233097
0	0	0	0	NA	NA
1.68	2.01	1.4	1.47	0.115833	0.813797
0	0.08	0.03	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
2.45	1.52	0.6	0.83	-0.97105	0.00041
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
43.66	60.2	58.4	54.89	0.22383	0.064842
0	0	0	0	NA	NA
0.08	0.06	0.06	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0.18	0.46	0.73	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.72	0.65	0.15	0.844343	0.132673
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.18	0.08	0.29	0.781178	0.222794
0	0	0.25	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0.13	0.11	0.26	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.71	0.15	NA	NA
2.78	5.32	5.25	5.59	0.50702	0.00173
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA

0	0.08	0.12	0.08	0.164805	0.852277
0	0.02	0.11	0.12	0.666544	0.301064
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	2.01	1.57	1.29	0.224229	0.733747
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0.07	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0	0	0	NA	NA
0	0	0	0	NA	NA
0.68	0.49	0.8	0.85	0.230922	0.717933
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.89	0.96	0.39	0.45	-0.24743	0.764762
0	0	0	0	NA	NA
0	0.44	0.67	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0.21	0.37	0.55	-0.25249	0.762392
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

5.23	3.6	5.84	3.81	0.126274	0.765554
0	0	0.16	0.37	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.73	1.77	1.78	1.78	0.332273	0.125615
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.55	0	0	NA	NA
0.08	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.84	0.33	0.73	0.16	-0.70622	0.290983
0.56	0.71	0.58	0.3	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.35	1.49	1.41	1.3	-0.2039	0.516105
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.25	3.58	0.53	1.43	0.052426	0.948772
0.59	0.15	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.11	1.58	1.14	1.62	-0.26487	0.511718
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.14	NA	NA
0	0	0	0	NA	NA
0.18	0.16	0.17	0.2	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0.36	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0.15	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.06	0 NA	NA
0	0	0	0 NA	NA
0.28	0.24	0.86	0.22 0.261553	0.751876
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.02	0.04	0 -0.72822	0.286173

0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.11	0.05	0.06	0.09 -0.28153	0.731584
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.16	0.15	0.11 -0.52418	0.472817
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.1	0.05	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.27	0.5	0.81	1.01 -0.86024	0.075737
0	0	0	0 NA	NA
0.49	0.04	0.3	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.72	0.83	2.35 0.464628	0.52693
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.89	0.83	0.61 0.824103	0.214043
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0.13 -0.42556	0.453409
0.04	0.05	0.01	0.03 NA	NA
0.3	0	0	0.22 NA	NA
0.66	0.24	0.19	0.5 -0.45162	0.551917
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0.13	0	0	0 NA	NA
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.14	0.06 NA	NA
0	0.42	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.31	3.42	2.71	3.29 0.444295	0.016598
0	0.12	0	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
7.34	8.82	8.12	11.2 0.498838	0.09333
3.57	9.83	3.61	4.4 0.444115	0.202072
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0.14	0.22	0.31	0.25 0.565855	0.38554
0	0	0	0 NA	NA
1.03	1.21	1.34	1.18 0.067077	0.900928
1.99	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.56	3.46	3.63	3.96 -0.32832	0.14749
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0.82	0.12	0.43	0.99 0.122415	0.891001
0	0	0	0 NA	NA
0	0	0.06	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.06	0.71	0.91	0.22 -0.14718	0.866083
0.51	0	0	0.1 NA	NA
0	0	0	0 NA	NA
2.92	4.3	5.37	6.25 0.670201	0.060735
0	0	0	0 NA	NA
0.14	0.04	0.1	0.06 -0.09548	0.919239
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0.36	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.18	15.41	15.09	23.11 1.626158	7.48E-08
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.46	0.37	0.4 -0.41888	0.42351
0.02	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0.91	1.28	1.15	0.68 0.016597	0.986207
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0	0.12 NA	NA
0.61	0.12	0.23	0.08 -1.27117	0.020525
0	0	0	0 NA	NA
0.52	0.66	0.54	0.6 0.09764	0.835457
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.08	0.14 NA	NA
0.18	0.03	0.09	0.32 NA	NA
0	0	0	0 NA	NA
3.68	2.05	2.79	2.2 -0.62224	0.001675
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	1.62	1.13	1.44 0.846817	0.022012

0	0	0	0	NA	NA
0	0	0.87	1.05	NA	NA
0.54	0.24	0.29	0.5	-0.50202	0.493482
0.69	0.42	0.42	0.43	-0.46048	0.308239
2.63	6.42	11.24	9.55	2.334769	2.24E-10
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.27	0.35	0.5	0.280844	0.733468
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0.03	NA	NA
0	0	0	0	NA	NA
0.14	0.36	0.19	0.33	-0.11634	0.896865
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
54.56	28.89	37.88	37.2	-0.53719	4.72E-07
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.57	2.25	0.93	2.13	0.183793	0.805735
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	1.35	0.26	0.75	0.919465	0.109529
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
3.04	3.1	3.33	3.54 -0.01173	0.969266
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0.18	0.58	0.69	0.77 1.31098	0.012779
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.33	12.49	14.41	14.28 0.105069	0.55896

0.07	0.05	0.19	0.04 NA	NA
1.35	0	0	0 NA	NA
0	0.06	0.11	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.7	0.94	1.07	0.69 -0.33054	0.624468
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.11	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.1	0.54	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0	0 NA	NA
0	0.12	0	0 NA	NA
1.12	0.38	0.36	0.5 -0.81267	0.157005
0	0	0	0 NA	NA
0.2	0	0	0 NA	NA
0	0	0	0 NA	NA
1.36	1.54	1.7	1.74 0.153195	0.795969
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.93	1.27	1.22	1.58 -0.56331	0.027438
0.25	0.58	0.17	0.3 0.224884	0.787231
0.04	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.92	0.4	0.45 1.013444	0.113823
0.13	0.09	0	0.19 NA	NA
33.33	38.12	40	35.63 0.201643	0.072776
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	1.42	0	2.01 0.031444	0.96513
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.53	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0.24	0.37	0.56	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.32	0.36	0.1 0.111523	0.90198
0	0	0	0 NA	NA
0	0	0.06	0.03 NA	NA
0	0	0	0 NA	NA
0	0.18	0	0.04 NA	NA
0	0	0.69	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.31	0.02	0.39	0.24 -1.22824	0.046382
0	0	0.46	0.21 NA	NA
0	0	0	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.72	0.38	0.86 -0.08054	0.932032
0.37	0	0.1	0.11 -0.82126	0.212198
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.29	0 NA	NA
0	0	0	0 NA	NA
0	0.26	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0.41	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.06	7.12	7.22	7.75 0.794297	3.08E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.74	0.09	0.41	0.13 -1.49087	0.000418
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA

0	1.99	1.4	0.86	0.414532	0.457756
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0.07	NA	NA
0.33	0.3	0.11	0.19	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	1.64	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.09	0	0	0.43	NA	NA
0	0	0	0	NA	NA
1.09	0.46	1.76	0.73	-0.48888	0.476741
0	0.47	0.9	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0.04	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.53	0.51	0.17	0.4	-0.02106	0.981184
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.03	0.06	0.13	-0.94126	0.147756
0	0	0	0	NA	NA
0.24	0.39	0.48	0.38	0.051583	0.952639
0	0.15	0.07	0.85	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0.03	0.08	NA	NA
0	0	0	0.36	NA	NA

0.31	0	0	0	NA	NA
0.85	0	0.55	0.64	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.32	2.46	1.62	3.44	-0.2738	0.610342
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.23	0.39	0.22	NA	NA
0	0	0	0	NA	NA
0	0.11	0.17	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0	0.4	1.13	0	0.134824	0.877879
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0	0	NA	NA
1.19	0	0.36	0	NA	NA
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0.73	0	0.48	-0.09793	0.841078
0	0	0	0	NA	NA
0.07	0.03	0.03	0.04	-0.90045	0.170894
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.2	0.03	0.12 NA	NA
0	0	0	0 NA	NA
1.26	1.78	2.61	3.64 0.881082	0.112705
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.16	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
25.77	11.49	19.02	8.28 -0.8814	0.018382
0.05	0.07	0.1	0.06 NA	NA
0	0	0	0 NA	NA
0	0.07	0.07	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.58	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.05	0.03	0.23	0.12	0.3656	0.631963
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.06	0.27	0.34	0.1	0.265346	0.747737
2.44	10.98	9.04	10.26	1.905995	1.03E-39
0	0	0	0 NA	NA	
0.26	0.24	0	0.05 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.02	0.05	0.02	0 NA	NA	
0.06	0.1	0.17	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.03	0.03	0 NA	NA	
0	0	0.08	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.04	0.09	0.03	0.13 NA	NA	
0	0	0	0 NA	NA	
0	0	0.28	0.33 NA	NA	
0	0	0.21	0 NA	NA	
0	0.12	0.2	0.11 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.51	0.91	1.64	0.38	0.229133	0.786747
0	0	0	0 NA	NA	
0	0	0	0.12 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
8.84	5.48	3.75	3.95	-0.54591	0.196126

0	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.11	0.12	0.36	NA	NA
0	0	0	0	NA	NA
0.37	0.18	0.08	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.35	0.13	0.47	0.29	-0.79292	0.101724
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.51	0	0.31	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0.44	1.1	0.69	0.217282	0.798939
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.17	0.8	0.55	1.09	-0.49274	0.289276
0	0	0	0.02	NA	NA
0	0	0	0	NA	NA
2.04	0.51	0.65	0.62	-1.69896	5.89E-23
0	0	0	0	NA	NA

0	0	0.08	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.6	0.61	0.52	0.6	0.411225	0.549293
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.14	0.07	0.17	NA	NA
0.47	0	0	0.56	NA	NA
0	0	0	0	NA	NA
1.39	0.33	0	1.67	-0.47636	0.51289
0.23	0.09	0.08	0.11	-1.14108	0.031177
0	0	0	0	NA	NA
0.1	0.22	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.13	0.06	0.02	NA	NA
0	0.12	0.24	0.32	NA	NA
3.69	5.73	4.3	5.36	0.266059	0.164449
0	0	0	0	NA	NA
2.37	2.29	1.36	3.25	0.133334	0.838834
0	0	0	0	NA	NA
0	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.36	0.78	1.17	1.08	-0.40175	0.538388
3.47	0	1.05	0.95	-2.18157	1.49E-06
0.39	0.04	0.3	0.34	-1.04032	0.097727
0	0	0	0	NA	NA
0.08	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0.31	0.22	0.41	0.35	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0.16	0.1	0.35 -0.75807	0.260605
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.06	0.17	0.06 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0.22	0.26 NA	NA
0	0	0	0 NA	NA
1.36	0.19	0.1	0.31 -1.77876	0.000247
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.89	1.42	1.27	3.77 0.331098	0.624468
0	0	0	0 NA	NA
9.7	8.77	7.9	9.24 -0.32061	0.069491
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.85	0.82	0.9 1.170052	0.009051
0	0	0	0 NA	NA
0	0.06	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.43	0.57	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.03	0.52	0.07 NA	NA
0	0	0	0.06 NA	NA
0.03	0.02	0.05	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0.61	1.29	0.91	1.08 0.560657	0.414764
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.31	0.44	0.67 0.918393	0.116043
0.61	0	0.13	0.45 NA	NA
0	0	0	0 NA	NA
0.37	0.26	0.27	0.13 -0.59082	0.303435
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.03	0.06	0.04 NA	NA
0.36	0.65	0.54	1.17 0.225765	0.772444
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.74	1.76	1.97	1.3 -0.21855	0.642856
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.22	0.31	0.4 NA	NA
0.35	0.24	0.26	0.38 -0.34719	0.50193
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
9.55	8.65	9.56	9.72 0.06405	0.823663
0.02	0.04	0.02	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.03	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.96	0.56	1.03	1.41 -0.2947	0.689103
0	0.05	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.23	0.41	0.12 0.497512	0.488156
0	0	0	0 NA	NA
0.42	0.23	0.46	0.12 NA	NA
0	0	0	0 NA	NA
0.3	0.23	0.12	0.25 -0.59917	0.267832
0.33	0.41	0.29	0.33 -0.25338	0.733217
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.25	0.27	0.53 -0.16625	0.813797
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.2	0.85	1.94	1.81 -0.12066	0.875248
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.17	0	0.12 NA	NA
0.27	0.07	0.12	0.06 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.65	0.61	0.78 -0.17093	0.839473
0	0.13	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.32	0 NA	NA
0.27	0	0	0 NA	NA
0.09	0.06	0.06	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.36	0.4	0.87 0.183326	0.818186
0	0.27	0	0 NA	NA
0	0	0	0.1 NA	NA
0.07	0	0	0 NA	NA
0	0	0	0 NA	NA
2.03	1.01	1.18	1.21 -0.78641	0.001211
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.23	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.91	2.9	3.22	2.87 0.302926	0.370277
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.24	1.78	1.75	1.63 0.002622	0.996445
0	0	0	0 NA	NA
0	0	0	0 NA	NA

1.65	0.91	0.37	0.97	-1.12186	0.013477
0	0	0	0	NA	NA
0	0.44	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.31	0.23	0.6	0.37	-1.69248	4.04E-09
0.11	0.04	0	0.04	NA	NA
1.45	0.63	0.53	0.44	-0.8586	0.067964
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0.12	0.36	NA	NA
0	0	0	0	NA	NA
0	0.51	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.29	0.07	0.23	NA	NA
0	0	0.33	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	1.2	0	0	-0.02781	0.967323
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0.11	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.4	0.44	0.24	0.38	NA	NA
0	0	0	0	NA	NA
0.74	0.31	0.49	0.35	-0.90417	0.004175
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0.16	NA	NA
0	0	0	0	NA	NA
0.48	1.02	1.24	0.04	NA	NA
2.07	0.33	0.58	0.44	-1.55656	0.000301
0.46	0.49	0.15	0.26	-0.26754	0.746207

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0.27	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.15	3.17	2	2.21	-0.09719	0.890238
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0.39	0.4	0.19	0.55	0.147229	0.862746
0	0	0	0	NA	NA
0	0.03	0.16	0.18	0.853485	0.129185
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	1.46	1.12	1.34	0.192696	0.652879
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	0.84	0.95	1.1	0.412553	0.356694
0	0	0	0	NA	NA
0.1	0.12	0.05	0.14	-0.13158	0.881548
0	0	0	0	NA	NA
0	0.09	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.05	0.08	0.03	-0.40892	0.594876
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0.13	0.29	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0	0	0	NA	NA
0.28	0.71	0.67	0.49	0.935731	0.081829
0	0	0	0	NA	NA
1.7	1.38	2.05	1.58	-0.21836	0.610296
0	0	0	0	NA	NA
0	0	0.22	0	NA	NA
0.11	0.05	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0.32	0.11	0.52	0	NA	NA
0.44	0.36	0.46	0.32	0.355565	0.520857
0.02	0.04	0.13	0.04	NA	NA
0	0	0	0	NA	NA
15.55	16.27	16.81	16.56	0.041442	0.725368
0	0	0	0	NA	NA
0.35	0.52	0.62	0.51	0.704846	0.068332
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.44	0.16	0.35	0.17	-0.40389	0.598815
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.18	3.79	3.52	3.73	0.004265	0.992113
0	0.04	0	0	NA	NA
1.11	1.59	1.39	1.48	0.36917	0.010964
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.67	0	0	NA	NA
0.54	0.73	1.22	0.78	0.634713	0.26777
0	0	0	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.29	0.24	0.19	0.01394	0.986671
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.62	0.61	0.36	0.82	-0.23976	0.716999
2.24	3.68	2.96	5.2	0.569125	0.166259
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0.02	0.07	NA	NA
0.73	0.83	0.86	1.16	0.415133	0.297125
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.2	0	NA	NA

0.68	0.85	1	1.15	0.153665	0.85721
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.42	0.64	3.24	2.22	-1.17375	0.021681
0	0	0	0	NA	NA
0.7	0.93	0.64	1.35	-0.5614	0.286248
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
55.42	83.27	72.69	76.03	0.452389	3.07E-08
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.63	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.11	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0	0.04	0.09	0.01	NA	NA
0.26	0.14	0.13	0.13	-0.67228	0.306849
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0.07	0.08	NA	NA
0	0	0	0	NA	NA
0.04	0.04	0.07	0.06	-0.14079	0.868021
0	0	0	0	NA	NA
4.38	1.69	1.85	2.62	-0.93713	0.000734
5.2	3.05	2.96	3.35	-0.75246	0.000372
0.02	0.01	0.01	0	NA	NA
0.47	0.78	1.02	0.58	-0.20159	0.809928
0	0	0	0	NA	NA

1.91	2.84	1.96	1.61	0.540048	0.239665
0	0	0	0	NA	NA
0.82	0.61	0.9	0.62	0.007142	0.994915
0	0	0	0	NA	NA
0.32	0.39	0.57	0.58	-0.04746	0.95921
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.05	0.06	NA	NA
0.06	0	0.15	0	NA	NA
0.08	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0.26	0	0	0.19	NA	NA
0	0	0	0	NA	NA
0.08	0.08	0	0.09	NA	NA
0.08	0	0	0	NA	NA
0.28	1.07	0.42	0.58	1.14238	0.027438
0	0	0	0	NA	NA
0.23	0.18	0.31	0.19	0.046873	0.953655
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.8	1.19	0.82	1.12	0.233284	0.625762
0	0.22	0	0	NA	NA
0.05	0.03	0.1	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0.02	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0	0.08	0.18	NA	NA
0.38	0.21	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.78	5.78	3.6	3.14	0.590503	0.185456
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.37	0.46	0.43	0.28	-0.02216	0.982137

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.17	0.08	0.18 NA	NA
0	0	0	0 NA	NA
0	0.29	0	0 NA	NA
0.06	0	0.01	0.01 NA	NA
0	0	0	0 NA	NA
2.07	2.17	1.18	1.43 NA	NA
0	0	0.12	0.14 NA	NA
0.55	0	1.97	0 0.096136	0.843856
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.03	0.15	0.1 -0.69221	0.320148
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.08	0.25 NA	NA
0.18	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.13	0.06	0.21 NA	NA
0	0	0	0 NA	NA
0.11	0.21	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0.97	1.56	1.24	1.46 0.431337	0.172889
0.17	0.03	0.08	0.04 -0.65246	0.355081
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.37	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.16	0.59	0.33 -0.31163	0.688868
0.02	0.01	0.03	0.03 -0.23693	0.776832
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0.01	0.02	0.02	0.02 NA	NA
1.44	3.6	2.35	3.47 0.779353	0.002244
0	0	0	0 NA	NA
1.05	0.7	0.73	1.02 -0.26182	0.601015
0	0	0	0 NA	NA
0.47	1.11	1.22	0.74 0.338433	0.663517
1	0.69	0.49	0.56 -0.54952	0.240819
0	0	0	0 NA	NA
4.3	3.5	3.58	4.47 -0.07162	0.867634
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0	0 NA	NA
0	0.15	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0.18	0.26	0.25	0.28 0.741647	0.254603
0	0	0	0 NA	NA
0.22	0.47	0.14	0 NA	NA
21.15	25.3	23.78	19.23 -0.16861	0.625329
1.02	0.64	0.79	0.81 -0.51514	0.10526
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.11	0.6	0.12 -0.26787	0.731121

1.19	1.51	1.51	1.42	0.072499	0.854111
0	0	0	0	NA	NA
2.14	0.27	0.68	0	-1.09711	0.074995
0	0	0.01	0.04	NA	NA
0.25	0	0	0.31	0.015463	0.975224
0.26	0.55	0.4	0.45	-0.13106	0.880476
0.33	0.92	1.06	0.88	0.635595	0.226046
0	0	0	0	NA	NA
0.58	0.5	0.17	0.68	0.016871	0.984827
0	0	0	0	NA	NA
0	0.02	0.02	0.09	NA	NA
0	0	0	0.18	NA	NA
0.75	3.6	2.17	3.03	0.665158	0.260888
0	0.15	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.84	0.46	0.46	0.66	-0.58073	0.090508
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.06	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0.18	0.05	0.06	0.08	-1.31214	0.008469
0.3	0.09	0.25	0.05	-0.26849	0.742964
0.13	0	0	0	NA	NA
1.95	1.56	1.08	0.94	-0.21522	0.742414
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.2	0.16	0.22	-0.43461	0.554518
0	0	0	0	NA	NA
1.02	0	0.58	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0.03	0.03	NA	NA
0	0.08	0.1	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
1.1	0.53	0.66	0.6 -0.56266	0.279162
0.09	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.1	0.02	0.06 NA	NA
0.42	0	0.09	0 NA	NA
0	0	0	0 NA	NA
4.68	2.86	1.36	1.68 0.044924	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0.3 NA	NA
0.06	0	0.02	0.02 NA	NA
0.1	0.32	0.32	0.35 0.23267	0.780521
0.19	0.03	0.08	0.09 -0.54042	0.459233
0	0	0	0 NA	NA
0.1	0.07	0.07	0 NA	NA
0	0	0.33	0 NA	NA
0.14	0.1	0.09	0.07 NA	NA
0	0.09	0.08	0.05 NA	NA
0	0	0.05	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0.35	0.36 -0.78785	0.236924
0.04	0.07	0.01	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.13	0	0.04 -0.5943	0.40718
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0.25	0.31	0.26	0.36 0.327491	0.568717
0	0	0	0 NA	NA
0.03	0.22	0.15	0.13 -0.08511	0.926611
0	0.08	0.05	0.1 1.237417	0.032725
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.53	1.84	1.84	2.4 0.157465	0.558649
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0.02	0 NA	NA
0.18	0.15	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.01	0 NA	NA
0	0	0.29	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.73	0.78	0.77 0.884874	0.147258
0.18	0.06	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.83	0.98	0.75 0.334404	0.671364
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0	0.15	0.2 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.25	0.4	0.3 0.658437	0.345488
0	0	0	0 NA	NA
1.42	2.14	2.38	1.15 -0.05308	0.935474
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.05	0.16	0.14 NA	NA
0.54	1.05	0.48	0.98 0.191039	0.729357
0.15	0.32	0.15	0.29 0.375148	0.617615
0	0	0.1	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0.09	0	0.08	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.14	0.06	0.08 NA	NA
0	0.12	0.17	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0.18	0.1 NA	NA
0	0	0.23	0.27 NA	NA
0	0	0	0 NA	NA
0	0.08	0.04	0 NA	NA
0	0.08	0.43	0.08 NA	NA
0.19	0.11	0.1	0.05 -0.48612	0.507452
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.99	0.35	0	0.39 NA	NA
0	0.04	0.04	0.04 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	1.37	1.48	2.8	0.956806	0.076596
0.83	1.03	0.42	0.14	0.047041	0.959979
0	0.16	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.77	0.72	0.42	0.37	-0.23259	0.708838
0.46	0.9	0.31	1.81	-0.09168	0.90704
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.36	0.54	0.59	1.7	-0.50324	0.340683
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.28	0	NA	NA
9.1	31.68	19.6	25.21	1.231637	3.33E-06
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.17	2.44	1.35	1.03	-0.62007	0.241885
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.39	1.68	1.98	2.33	-0.09023	0.859671
0	0	0	0	NA	NA
4.41	3.24	3.12	3.22	-0.47049	0.000748
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0.25	0	NA	NA
0	0.11	0.11	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.6	1.44	0.89	0.83	1.013137	0.005769

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.11	0.2	0 NA	NA
0	0.47	0	0.65 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.12	0.13	0.38 0.005158	0.996111
0.27	0.25	0.12	0.1 -0.72102	0.233601
0	0	0	0 NA	NA
0	0.09	0	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0.19	0	0 NA	NA
0.71	0.34	0.76	0.53 NA	NA
0.11	0.03	0.1	0.14 -0.42733	0.502794
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0.6	0	0.27	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.04	0.05	0.02 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.35	0.16	0.09 NA	NA
0.31	0.11	0.4	0 NA	NA
2.54	0.7	0.1	1.56 -0.49055	0.49821
0	0	0	0 NA	NA
3.68	2	1.77	1.26 -0.41905	0.29266

0	0	0	0 NA	NA
0.2	0.07	0.05	0.13 -0.45651	0.547362
0	0.03	0.16	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0	0 NA	NA
0.33	0.17	0.13	0.21 -0.94209	0.019815
0	0	0	0 NA	NA
1.43	1.98	1.87	0.94 -0.0884	0.871253
1.43	0.8	1.71	1.24 0.11598	0.857432
0.25	0.2	0.13	0.24 -0.18848	0.816626
0	0	0.08	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.82	1.07	0.94 0.937055	0.026814
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.15	0.12	0.18 0.158628	0.855946
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0	0.06	0.02 NA	NA
3.6	1.52	1.48	3.33 -0.81206	0.058249
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.02	0.04	0.13 NA	NA
0	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.98	4.12	4.84	5.07 0.773594	0.041251
0	0	0	0 NA	NA
0.01	0	0	0 NA	NA
0.02	0	0.01	0.03 NA	NA
0	0	0	0 NA	NA
0.05	0.06	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.37	0.77	0.61 0.242598	0.773749
0.45	0.58	0.54	0.62 -0.1224	0.814819
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0.43	0.3	0.61 0.179436	0.782895
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.17	0.11	0.09 0.898509	0.169997
0.09	0.19	0.12	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0.14	0.16 NA	NA
0.56	0.76	0.85	1.39 -0.13588	0.84981
1.05	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.79	1.73	1.51	1.21 0.06458	0.903519
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	1.69	1.23	1.57 0.478108	0.398778
0	0	0	0 NA	NA
0.13	0.08	0.09	0.09 -0.29935	0.710991
0.14	0.09	0.09	0.21 NA	NA
0	0.03	0.05	0.02 NA	NA
1.45	0.8	1.69	1.66 0.036945	0.966405
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0.06	0.22	0.21	0 -0.21591	0.797745
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.17	0 NA	NA
0.02	0.1	0	0.04 NA	NA
0.63	1.4	0.73	1.11 0.130931	0.83046
0	0	0	0 NA	NA
0	0	0.32	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0.03	0.03	0.01	0.07 NA	NA
0	0	0	0 NA	NA
1.73	2.5	2.49	2.87 0.546458	0.01182
0.14	0.15	0.02	0.08 -0.55322	0.449351
0	0.39	0.36	0.17 0.697481	0.31359
0.27	0.58	0.45	0.47 0.894514	0.107008
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.24	0.07	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0	0.14 NA	NA

0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.04 NA	NA
1.99	2.07	2.05	2.22 0.112087	0.636727
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.47	0.09	0.3 NA	NA
0	0	0	0 NA	NA
0	0.26	0.21	0.08 0.782583	0.221058
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.77	2.44	2.19	2.3 0.446782	0.031302
0	0.12	0.07	0 NA	NA
0	0	0	0 NA	NA
0.18	0.18	0.26	0.42 0.359721	0.564287
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.12	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.73	0.26	0.32 0.322778	0.639952
0.79	1.55	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.06	0.06 NA	NA
0.39	0.07	0.2	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0.05	0.13	0.17	0.26 0.0256	0.97908

0	0	0.09	0 NA	NA
0.17	1.14	0.87	0.99 1.578247	0.000829
1.25	0.9	1.01	0.86 -0.37058	0.20305
0	0	0	0 NA	NA
0.78	4.73	4.61	2.56 1.032481	0.086813
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.54	0.35	0.72 0.59002	0.318281
0.64	0.32	0.27	0.4 -0.40306	0.59462
0	0	0	0 NA	NA
0.15	0	0.1	0.23 NA	NA
0.25	0.18	0.16	0.38 NA	NA
0.22	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.51	0.37	0.48 1.232568	0.001639
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0.12 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.39 NA	NA
0	0	0	0 NA	NA
1.38	0.09	0.43	0.25 -2.01237	2.07E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0.54	0.44	0.36 -0.11441	0.896708
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.25	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0.03	0.01	0.03 NA	NA
0	0	0	0 NA	NA
0.4	0.15	0.03	0.02 -1.1604	0.063235
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0	0.31	0.05 -0.39416	0.608716
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.25	0.54	0.08 0.667252	0.341896
0	0	0	0 NA	NA
0	0.17	0.17	0.19 NA	NA
0	0	0	0 NA	NA
0	0.13	0.08	0.04 0.966213	0.135756
0.35	0.06	0.46	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.8	0.11	0	0.12 NA	NA
2.65	3.83	3.81	3.53 0.366158	0.463294
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.33	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.7	1.04	0.81 1.211763	0.006236
5.16	7.48	3.92	1.84 -0.02449	0.978663
0	0.63	1.03	0 NA	NA
0.03	0.04	0.05	0.15 NA	NA
0	0.08	0.02	0 NA	NA
0.26	0.12	0.17	0.13 -0.51686	0.479822
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.08	0.06	0.22	0.19	NA	NA
0.44	2.28	1.56	1	0.942393	0.095263
0	0	0	0	NA	NA
6.85	4.44	2.86	4.61	-0.66563	0.145647
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.81	0.49	0.44	0.47	-0.52217	0.13944
0.35	0.14	0.18	0.35	-0.15861	0.849094
0.05	1.1	0.74	0.72	1.167757	0.0518
0	0	0	0	NA	NA
0.27	0.39	0.42	0.26	-0.11561	0.895604
0.08	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0.19	0.1	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0.12	0.3	0.32	0.086612	0.921986
0	0.1	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.03	0.03	0.06	NA	NA
0	0	0	0	NA	NA
0.34	0.54	0.68	0.56	0.446821	0.356772
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.03	0.1	0.08	NA	NA
0.76	0.83	0.64	1.28	0.210206	0.734657
0	0	0	0	NA	NA
0.08	0.09	0.02	0.04	NA	NA
0	0.04	0	0.04	NA	NA
0.33	0.11	0.18	0.15	-0.30059	0.667482
0.61	1.32	1.14	1.58	0.242874	0.73659
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0.2	0.14	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.84	2.16	1.56	2	0.404143	0.512203
0.29	0.29	0.27	0.13	-1.1696	0.003582
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0.09	0.31	0.17	0.2	NA	NA

0	0	0	0 NA	NA
0.09	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0.42	0.3	0.37	0.53 -0.33322	0.675953
0	0	0	0 NA	NA
0.66	0.31	0.39	0.76 -0.0771	0.888946
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0 NA	NA
0.19	0.37	0.26	0.48 -0.02952	0.975388
0.23	0.29	0.31	0.22 -0.07351	0.922287
1.64	0.44	1.87	2.74 0.505518	0.48614
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.03	0.04	0.17 -0.47649	0.521964
0.05	0.01	0.02	0.02 -0.78956	0.218325
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.91	0.33	0.78 NA	NA
0	0	0	0 NA	NA
0.47	0.34	0.44	0.28 -0.0004	0.999657
0	0.13	0	0.26 NA	NA
0	0	0	0 NA	NA
0.22	0.34	0.37	0.35 0.619559	0.227028
0.18	0.22	0.09	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.11	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0.01	0.02	0.03	0.04 -0.06065	0.948772
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.18	0.17	0.15 NA	NA
0.5	0.22	0.08	0.09 -0.9089	0.161938
0.98	0.9	1.03	1.31 0.318597	0.50527

0.75	1.32	0.9	1.08	0.308344	0.646972
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.49	0.36	0.71	0.82	-0.00711	0.991594
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.23	0.06	0.19	0.04	-0.55353	0.430936
0	0	0.2	0.23	NA	NA
0	0	0	0	NA	NA
0.2	0.12	0.14	0.21	-0.06359	0.944005
0	0.18	0	0.61	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.69	4.21	3.43	3.56	-0.08958	0.867232
5.18	4.79	4.93	4.92	-0.00758	0.974767
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.94	NA	NA
0.1	0.37	0.07	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.19	6.52	8.04	6.62	-0.13821	0.528705
0	0	0	0	NA	NA
0	0.11	0.09	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0.09	0	0.1	NA	NA
0	0	0.09	0	NA	NA
0.32	0	0	0.47	NA	NA
0	0	0	0	NA	NA
0.38	0.52	0.43	0.38	-0.1277	0.862624
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.17	0.13	0.19	-0.22444	0.792039
0	0.11	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	2.52	1.24	1.01	0.340887	0.633306
0	0	0.01	0.01	NA	NA
0	0.48	0	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.19	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.23	0.33	0.33	0.782409	0.202148
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0.23	0.08	0.697136	0.312337
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0.05	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0.05	0.12	0.14	0.08 0.557611	0.411555
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.08	0.07	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.39	0.61	0.46 0.7024	0.077096
0	0.07	0	0 NA	NA
0.57	0.26	0.58	0.36 -0.55902	0.132005
1.3	6.63	4.56	5.84 1.234666	4.01E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0.6	1.18	0.89	1.24 0.668826	0.101952
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0.25	0.12	0.26	0.1 -0.39802	0.60221
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.05	1.31	0.96	0.86 0.134641	0.880515
0	0	0	0 NA	NA
0.24	0.1	0.18	0.14 0.011247	0.991817
1.71	4.86	1.71	2.75 0.475783	0.492779
0	0	0	0 NA	NA
0	0.4	0	0 NA	NA
0.06	0.05	0.09	0.1 NA	NA
0.37	0.27	0.1	0.09 -0.78695	0.214248
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0	0	0	0 NA	NA

0.37	0.21	0.1	0.26	-0.16198	0.847088
0.12	0.24	0.41	0.25	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0.31	3.33	2.56	3.42	2.952027	8.16E-51
1.49	0.57	0.49	0.7	-0.43578	0.4566
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0.48	0.59	0.18	-0.4456	0.541089
0	0.25	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0.29	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.47	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0.15	0.18	NA	NA
0	0.11	0	0	NA	NA
0	0	0.14	0	NA	NA
0.8	1.15	0.79	1.13	0.803405	0.023292
0	0.04	0.02	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0.52	0.42	0.6	0.050668	0.942726
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.26	0.24	0.34	0.550816	0.377866

0	0	0	0 NA	NA
0.42	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.02	0 NA	NA
1.47	1.55	1.15	1.35 0.123517	0.836225
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0.04	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.01	0	0.04 NA	NA
0	0	0	0 NA	NA
3.34	2.41	2.43	2.43 -0.35116	0.208413
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0.96	0.94	0 0.426647	0.370467
0	0.04	0.01	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0	0	0 NA	NA
0.12	0	0.16	0.37 -0.64698	0.352227
0.14	0.05	0.05	0.05 NA	NA
0.58	1.41	0.56	0.61 0.465861	0.38859
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.28	0.61	0.55	1.11 -0.2337	0.781422
0	0	0	0 NA	NA
0.18	0	0.12	0.07 NA	NA
0	0	0	0 NA	NA
0.41	0.11	0.12	0.35 NA	NA
0	0	0.12	0.14 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0.75	0.3	0.07	0.16	-0.68426	0.278763
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.02	3.19	2.51	3.92	-0.86307	0.000106
0.05	0.04	0.1	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.33	0.18	0.17	0.214417	0.800959
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.24	0.17	0.06	0.147299	0.867696
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.27	0	0	NA	NA
0.07	1.21	0.52	0.91	2.413961	1.06E-09
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
0.27	0	0	0	NA	NA
0	0	0	0	NA	NA
0.37	0.36	0.28	0.41	0.114961	0.886918
0	0	0	0.05	NA	NA
0	0.06	0	0.09	NA	NA
0.62	3.49	4.78	1.31	0.600805	0.401913
0	0	0	0	NA	NA
0.17	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.26	0.33	0.32	1.540673	0.005182
0	0	0	0.02	NA	NA
0.09	0	0.12	0.07	NA	NA
0	0	0	0	NA	NA
1.36	0.95	1.63	1.42	0.151191	0.787143
0	0.36	0	0	NA	NA
0.44	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.67	0.53	0.49	0.5	-0.36881	0.062134
0	0	0	0	NA	NA

0.34	0.35	0.12	0.39	-0.12735	0.856269
0	0	0	0	NA	NA
2.58	3.21	3.14	3.22	0.14953	0.611772
0	0	0	0	NA	NA
0	0.08	0	0.06	NA	NA
0	0.02	0	0	NA	NA
0.01	0.01	0	0	NA	NA
0.19	0.14	0.16	0.33	0.274706	0.712726
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.99	1.28	1.57	1.57	-0.28334	0.533329
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0	NA	NA
0	0.01	0.01	0	NA	NA
1.47	0.87	0.64	0.4	-0.20562	0.798921
0.12	0.98	0.47	0.6	1.288465	0.021491
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.49	3.32	2.71	2.84	0.299118	0.569536
0.25	0.23	0.33	0.17	0.009049	0.993398
0.02	0.07	0.09	0.02	0.372351	0.632792
0	0.05	0	0	NA	NA
0.19	0.14	0	0	NA	NA
0.5	0.55	0.5	1.08	-0.10911	0.834513
0.3	1.16	0.85	1.04	0.670876	0.200826
0.19	0	0	0.07	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.23	0	0.12 NA	NA
0	0	0	0 NA	NA
0.25	0.35	0.38	0.28 0.257561	0.605472
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.36	1.31	1.02	0.98 -0.44365	0.397627
0	0	0	0 NA	NA
0.14	0.05	0.14	0.16 -0.39153	0.566853
10.41	20.61	16.85	20.08 0.753745	8.36E-07
0	0	0	0.07 NA	NA
0.08	0.07	0.28	0.26 0.494847	0.506442
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0.37	0.48	0.61	0.23 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0	0	0 NA	NA
0.16	0	0.21	0 NA	NA
0.21	0.11	0.11	0.05 -0.54174	0.429359
0	0.49	0.31	0 0.085419	0.857277
0.19	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.07	0.44	0.55 0.282594	0.731363
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.14	0.12	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.87	0.21	1.29	0.21 -0.54385	0.457266

0.02	0.03	0.01	0.04	NA	NA
0	0	0	0.08	NA	NA
0	0	0.03	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0.1	0.26	0.19	0.038488	0.968374
0	0	0	0	NA	NA
10.28	6.75	8.69	6.38	-0.22012	0.314014
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.96	1.99	2.23	2.19	0.24695	0.355366
0	0	0	0	NA	NA
5.63	6.97	7.69	8.26	0.109286	0.700707
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.43	1.08	0.28	0.68	0.328354	0.679381
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0.08	0	0.15	-0.59514	0.406926
0	0	0	0	NA	NA
0.06	0.05	0.06	0.09	-0.53791	0.434826
0	0	0.18	0	NA	NA
0	0	0	0	NA	NA
7.28	6.22	6.54	5.94	-0.25803	0.273748
0	0	0.06	0.05	NA	NA
0	0	0.09	0.32	NA	NA
0	0	0	0	NA	NA
0.07	0.47	0.18	0.18	-0.79926	0.194144
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.36	0.18	NA	NA
0.07	0	0.08	0	-0.46061	0.510842
0.74	0.75	0.37	0.91	0.147055	0.862949
0	0	0	0	NA	NA

0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
1.11	0.75	0.49	0.71	-0.02949	0.969973
0	0	0	0	NA	NA
0.37	0.3	0.61	0.75	-0.12406	0.821581
0.26	0.38	0	0.19	NA	NA
10.33	8.34	11.37	10.14	-0.10662	0.572793
0	0.44	0.21	0.16	-0.22743	0.787231
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.5	0.11	0.13	NA	NA
0	0	0	0	NA	NA
1.03	0.68	0.79	0.86	-0.38564	0.405998
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.21	0	0	NA	NA
3.79	3.05	3.65	3.71	-0.51352	0.066789
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.09	0.11	0.14	0.535109	0.451091
0	0	0	0	NA	NA
2.98	8.6	6.75	8.22	1.535195	4.15E-15
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.24	0	NA	NA

0.28	0	0	0 NA	NA
0	0	0	0 NA	NA
1.23	1.39	1.45	1.22 -0.1349	0.764545
1.52	0.31	0.14	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.02	0.03	0.02 -0.54203	0.458091
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.73	1.69	1.49	0.99 -0.81458	0.187456
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.08	0.04	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.2	0.65	0 NA	NA
0	0	0.11	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.03 NA	NA
0	0	0	0 NA	NA
0.35	0.35	0.53	0.54 -0.02218	0.977207
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.35	1.01 -0.0954	0.91001
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.09 NA	NA

0	0.06	0.11	0.32	NA	NA
0	0	0	0	NA	NA
1.04	0.38	0.8	0.85	-0.83103	0.073626
0	0	0	0	NA	NA
0.22	0	0.14	0.21	-0.36435	0.641926
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.04	1.86	1.98	2.7	0.163411	0.59742
0	0	0.7	0.44	0.611692	0.35328
0	0	0	0	NA	NA
0	0.04	0.08	0	NA	NA
0	0.19	0.09	0.11	NA	NA
0.94	0.56	1.34	1.65	0.052347	0.952639
0.05	0.1	0.21	0.41	0.653173	0.354183
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.1	6.83	7.4	8.22	-0.08565	0.731121
0	0	0	0.25	NA	NA
0.51	0.37	0.69	0.19	0.077225	0.933708
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.23	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0.36	0.036334	0.944533
0.06	0.03	0.05	0.14	NA	NA
0	0	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.55	0.72	0.46	0.72	0.329874	0.658595
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0.21	0.21	0.11	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0	0	0 NA	NA
0.04	0.08	0	0.03 NA	NA
0	0	0	0 NA	NA
0.53	1.04	1.26	0.71 -0.4083	0.555333
0.14	0	0.15	0.05 NA	NA
0	0.66	0.5	0 0.151865	0.848801
0.02	0.04	0.05	0.11 NA	NA
0.39	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.06	0	0 NA	NA
2.21	0.6	2.07	0.32 -0.65549	0.292687
0	0.05	0.14	0 NA	NA
0	0.01	0.01	0 NA	NA
0.71	0.61	0.17	0.47 -0.83369	0.126024
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.31	1.23	1.06 0.357352	0.623534
0	0	0	0 NA	NA
1.06	0.34	1.62	1.01 0.492627	0.497681
0	0	0	0 NA	NA
0.6	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.85	0	2.07	0 -0.14622	0.735182
0.05	0	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	2.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0.23	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.69	14.37	14.98	14.19	0.09511	0.422634
1.17	1.31	2.35	2.34	0.315043	0.405702
0.34	0.43	0.57	0	NA	NA
0.02	0	0	0.02	NA	NA
0.69	0.2	0.75	0.85	0.114731	0.891335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.68	0.43	0.58	0.33	0.038573	0.964005
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.16	1.02	1.19	1.93	-0.92418	0.010703
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.14	0.2	0	0	NA	NA
0.15	0.16	0.33	0.12	-0.06947	0.928303
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA
1.43	0.51	0	0.8	-0.16292	0.850065
10.58	17.28	13.76	14.42	0.465985	0.006656
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0.12	NA	NA
0	0	0	0	NA	NA
0	0.49	0.22	0	NA	NA
0.07	0.05	0.12	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0.1	0.28	0.18	-0.31439	0.67902
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.08	0	0.18	0.33	-0.73889	0.279591
0	0.21	0	0	NA	NA
0.05	0.11	0.13	0.18	0.089256	0.920382
0	0	0	0	NA	NA
0.16	1.03	0.74	0.48	0.299054	0.714496
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
25.97	26.05	23.23	27.39	0.099886	0.599539
0.17	0.07	0	0 NA	NA	
0	0	0	0 NA	NA	
0.11	0.18	0.37	0.27	NA	NA
0.5	0.24	0.54	0.62	-0.14498	0.871315
0	0	0	0.03	NA	NA
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0.1	0 NA	NA	
0	0	0	0 NA	NA	
0	0.06	0	0 NA	NA	
0	0	0	0 NA	NA	
0.63	0.65	0.53	0.67	-0.05861	0.940228
9.98	6.24	8.05	7	-0.56038	0.042305
0.21	0.44	0.41	0.35	0.076334	0.928809
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.89	0.43	0.26	0.15	-0.4473	0.555523
0	0	0	0 NA	NA	
0	0	0	0.1	NA	NA
0	0	0	0 NA	NA	
0	0	0.09	0 NA	NA	
1.27	0.98	1.14	1.42	-0.11605	0.874956
0.12	0.04	0	0 NA	NA	
0	0	0	0 NA	NA	
8	12.43	11.67	11.08	0.296965	0.13822
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.03	0	0.03	NA	NA
0	0	0	0 NA	NA	
0	0.14	0.13	0 NA	NA	
0	0	0	0 NA	NA	
0	0.12	0.32	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.02	0 NA	NA
48.38	42.17	52.72	48.32 -0.07534	0.467753
3.51	3.85	4.23	4.13 -0.07961	0.748426
1.72	0.32	0.37	0.17 -1.12752	0.062632
0	0	0	0 NA	NA
0	0	0.54	0 NA	NA
0.48	0.83	0.29	0.97 0.494302	0.461413
0	0.13	0	0 NA	NA
0	0	0	0 NA	NA
0.76	1.06	1.56	1.35 -0.07334	0.892342
0	0	0	0 NA	NA
0.07	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0.06	0.19 NA	NA
0	0	0.1	0.12 NA	NA
0.32	0.34	0.63	0.23 0.123203	0.881283
0	0	0	0 NA	NA
2.95	6.34	3.79	4.07 0.22683	0.533964
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0.39	0.56	0.24	2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.06	0.1	0.11 -0.77301	0.250235
0	0	0	0 NA	NA
0.15	0.27	0.16	0.12 0.161918	0.832062
0.43	0.17	0.33	0.67 -0.18431	0.783287
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.26	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.16	0.64	0	-0.22935	0.774862
0	0.05	0.04	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0	0	0	NA	NA
0	0	0.32	0	NA	NA
0	0	0	0	NA	NA
0.07	0.07	0.09	0.03	NA	NA
0.19	0.13	0.16	0.23	-0.09822	0.908984
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.16	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0.14	NA	NA
0	0	0	0.27	NA	NA
0	0	0	0	NA	NA
0.15	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA

0.51	0.41	0.76	0.64	-0.02037	0.976795
0	0	0	0	NA	NA
1.79	1.48	1.87	1.44	-0.37198	0.462433
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.56	1.41	4.09	2.59	-0.43639	0.489147
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.53	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.4	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.11	0.63	0.11	0.36	-1.10058	0.061666
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.42	0.68	0.54	0.85	-0.21801	0.720827
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0.01	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.91	1.29	1.11	0.33	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.44	0	0.12	0.27 -1.7352	0.002799
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.2	13.44	10.71	11.53 0.172778	0.284762
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.84	0	0 NA	NA
0	0.95	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.46	0.4	0.73 -0.12975	0.850433
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
8.51	10.62	11.43	12.06 0.341946	0.006352
0	0	0	0 NA	NA
0.2	0.44	0.44	0.21 0.135607	0.879652
0	0	0	0 NA	NA
5.85	4.5	7.34	7.39 0.027107	0.957348
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

1.01	0	0.52	0.56	-0.41386	0.590855
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	1.16	0.87	0.66	0.272366	0.694214
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.39	0.47	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.63	5.7	0	3.9	0.051468	0.942726
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0.2	0.54	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0	0	NA	NA

0	0	1.03	0 NA	NA
0	2.36	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.1	0.13	0.15 0.266769	0.742665
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.36	0.42	0.42 0.474425	0.527037
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
15.24	17.36	14.59	16.54 0.08759	0.601015
0	0	0	0 NA	NA
0	0.21	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.16	0.14	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.29 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.08 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.18	0 0.136839	0.873479
0	0	0	0 NA	NA
0.41	0.73	0.97	0.97 -0.11946	0.888827
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.36	1.1	1.41	1.17 0.049356	0.933637
0	0.1	0.04	0.04 -0.28092	0.729146
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.62	0.42	0.68 0.552183	0.292698
0	0	0	0 NA	NA
0	0.11	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0.09	0 NA	NA
0.43	0.38	0.27	0.42 -0.0192	0.9775
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0.27	0.07	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.14	0	0.14	NA	NA
0.05	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.86	3.44	10.05	12.94	0.058669	0.94667
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.77	0	0.48	NA	NA
0	0	0.31	1.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.6	4.99	5.21	5.45	-0.19439	0.148305
0	0	0	0	NA	NA
0.13	0.05	0.45	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.28	0.32	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.88	1.8	1.56	2.6	-0.49567	0.502977
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0.18	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.51	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.35	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.35	0 NA	NA
0	0	0	0 NA	NA
0.59	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.29	2.4	1.91	1.77 -0.61105	0.368781
0	0	0	0 NA	NA
1.02	3.11	2.25	0.8 0.156323	0.860153
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.51	1.64	2.09	0.92 -0.16601	0.843986
0	0.03	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0.34	0	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.27	1.09	0.59	0.48 -0.20084	0.807537
0	0	0	0 NA	NA
0.34	0.19	0.55	0.31 -0.17758	0.833037
0	0	2.58	1.31 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.67	0.28	0.57	0.31 -0.16819	0.846189
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.11	0.53	0.24	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2	1.64	1.66	2.22 -0.02345	0.94726
0.69	0	0.26	0.68 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.43	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.14	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.31	0.36	0.16 -0.21625	0.793531
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0.52	0.15 NA	NA
0	0	0	0 NA	NA
1.77	0.68	0	0.41 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.78	0.37	0.39	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.45	15.06	12.15	14.78 0.177285	0.28409
0	0	0	0 NA	NA
8.7	4.7	3.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.39	1.36	1.92 0.085405	0.927257
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.04	12.2	11.69	11.02 0.010802	0.945888
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0	0.26	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.48	0.38	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0	0.35	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0.1	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.26	0.15	0.31 0.218982	0.793361
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.02	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0.08	0.07	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.95	0.78	0.67	0.51	-0.34268	0.50611
0.16	0.24	0.06	0.13	NA	NA
0	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0	NA	NA
0.02	0.08	0.01	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.4	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0.39	0.26	0.29	-0.1051	0.899681
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.4	0.25	0.42	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.72	0.42 NA	NA
0	0	0	0 NA	NA
0	0.33	0.6	0 NA	NA
0.35	0.47	0.16	0.57 0.005796	0.99522
0.07	0	0.34	0.41 -0.11826	0.895538
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0	0 NA	NA
0.66	0.03	0.06	0 -2.49998	2.88E-06
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.03	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0.11	0.1	0 NA	NA
0	0	0	0 NA	NA
0.09	0.13	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.35	0	0 NA	NA
0	0	0	0.11 NA	NA
1.08	1.27	1.45	1.09 0.065343	0.857271
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0.08	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.13	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.13	0.71	0.42 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.22	1.33	1.62	1.98 0.567067	0.13861
0	0	0	0 NA	NA
0.03	0.02	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0	0 NA	NA
0	1.22	0.71	0.83 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.31	0	0 NA	NA
4.89	3.49	5.9	5.65 -0.16969	0.729595
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0.1	0.2 NA	NA
0	0	0	0 NA	NA
0.16	0.11	0.06	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0	0.14 NA	NA
1	0.72	1.44	1.35 -0.27503	0.721197
0	0	0	0 NA	NA
0	0	0.26	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.32	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0.17	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.04	0.13	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.26	0.23	0.28 1.24909	0.026998
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.27	0.63	0.85	0.1 -2.1053	7.03E-07
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.03	0	0.27 -0.61327	0.389411
0	0	0	0 NA	NA
0	0	0.05	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.26	0.4	0.5	0.54 -1.1071	0.010007
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0.37	0.37	0.16	0.47 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
46.23	61.46	58.66	59.29 0.588713	8.76E-11
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.55	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.6	0.58	0.9	0.74 0.29801	0.617081
0	0	0	0 NA	NA
0.52	0	0	0 NA	NA
0	0	0.03	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.91	0	0.28	0 NA	NA
1.51	2.04	1.11	0.67 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.25	0.44	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0.82	1.46	6.5	4.28 1.543839	0.003543
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.08	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.43	1.23	3.27	3.22 0.063401	0.946459
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0.12	0.17	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.67	0	0.93 NA	NA
0	0	0	0 NA	NA

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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.81	0.16	0.59	0.45 -0.58092	0.380327
4.13	4.32	4.3	4.02 0.063805	0.759067
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.48	0.46	0.42 1.099729	0.077486
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.02	0.01 NA	NA
0	0	0	0 NA	NA
5.52	3.99	3.92	4.47 -0.25591	0.05102
0.33	0.31	0.32	0.21 -0.14616	0.851786
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0.18	0.06	0.13 1.056936	0.09392
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1011.73	773.13	918.21	779.36	-0.33596 0.000369
0	0	0	0 NA	NA
0.11	0.08	0.07	0.08 NA	NA
0	0	0	0.32 NA	NA
1.32	1.68	1.28	1.28	0.190057 0.675925
0	0	0	0 NA	NA
1.76	0.7	1.9	1.04	-0.29202 0.574266
0	0	0	0 NA	NA
0.25	0.08	0.11	0.12	-0.52587 0.473386
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0.32	0.43	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0.11	0.08	0.31	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.12	0.12	0.03	-0.55984 0.415237

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	1.92	2.34	1.94 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.26	0	0.63 NA	NA
0	0	0	0 NA	NA
1.25	0.63	0.63	0.63 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.02	0 NA	NA
0.08	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.38	0.8	0.26 NA	NA
0	0	0	0 NA	NA
0.15	0.86	0.69	0.56 0.970111	0.131995
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.88	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.45	11.34	11.73	12.7 -0.40288	0.002628
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.92	7.92	6.5	6.81 0.764825	1.11E-05
0.01	0	0.34	0.46 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.14	0.2	0.08 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
25.94	22.29	22.92	21.6 -0.04612	0.743277
14.01	11.86	10.22	11.64 -0.36179	0.115665
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.3	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
3.66	64.73	15.92	19.39 -0.32381	0.657704
1.43	0.41	0.55	0.61 -0.52647	0.419916
0	0	0	0 NA	NA
0	0	0	0 NA	NA
70.19	75.91	75.55	75.46 0.032306	0.767346
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.63 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.09	0.1	0.15 0.142747	0.872063
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0	0 NA	NA
0.09	0	0	0 NA	NA

0.22	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.64	1.68	1.63	1.19 0.152611	0.821404
0	0	0	0 NA	NA
28.74	29.39	30.39	29.47 0.025269	0.884853
0.69	0.08	0.23	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.33	0.29	0	0.68 -0.26185	0.73659
0	0	0	0 NA	NA
2.24	1.02	0.4	0.3 -0.43882	0.564913
0	0	0	0 NA	NA
0.27	0	0.17	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.08	0.07	0.06 -0.78169	0.242382
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.78	0.7	0.94	0.64 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0.17 NA	NA
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0	0	0	0 NA	NA
0.84	0.33	0.37	0.57 -0.26126	0.746102
0	0	0	0 NA	NA
0	0.31	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0.48	0.89	0.25 0.106085	0.886858
3.3	1.71	1.81	1.19 -0.78159	0.015789
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.15	0.08	0.16 0.545249	0.429497
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	1.14	1	0.87 0.062436	0.925827
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.35	NA	NA
0	0	0	0	NA	NA
0.04	0.18	0.15	0.26	0.43243	0.553779
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	1.03	0	0.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.87	0	0.74	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.93	1.53	0.71	0.72	0.034706	0.960875
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.09	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.01	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.81	3.05	2.56	5.45	0.171863	0.733637
0.02	0.05	0.03	0.02	NA	NA
0	0.14	0	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
4.67	0.56	2.64	1.38	-0.82371	0.141671
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0	0.23	NA	NA
0	0	0	0	NA	NA
0.56	0.4	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0	NA	NA
3.63	0.99	1.25	0.9	-1.43142	0.002173
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0	0.06	NA	NA
0.45	0.11	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.32	0.49	0.18	-0.1113	0.895641
0.54	0	0	0	NA	NA
0	0.06	0.05	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.41	0.74	0.22	NA	NA
3.94	1.28	0.94	0.94	-0.72354	0.136605
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0.11	0.3	0.14	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0.31	0.31	0.33	0	NA	NA
0.6	0.37	0.41	0.37	-0.53196	0.310012
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.25	0.41	0.21	0.092905	0.907131
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0.52	0.5 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.54	0.41	0.83	0.37 -0.11183	0.897468
0.11	0.32	0.38	0 -0.15619	0.856286
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.31	0.36	0.33 0.100818	0.88999
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.5	0.77	0.01	0 -0.112	0.890816
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.35	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.62	8.02	7.69	8.18 0.040009	0.854636
0	0	0	0 NA	NA
4.84	0.41	1.23	0.76 -2.14044	1.32E-06
0	0	0	0 NA	NA
13.86	12.82	11.31	11.36 -0.29698	0.116483
0	0	0.05	0.03 NA	NA
0	0	0	0 NA	NA
0.28	0.13	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.04	0.05	0.02 -0.26918	0.744464
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.17	0.19 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.64	0.51	0.63 0.346065	0.662925
0.99	0.65	0.74	0.53 -0.44594	0.44706
0.27	1.38	0.26	0.4 0.475134	0.521446
0	0	0	0.23 NA	NA
1.25	0	1.4	0 NA	NA
0.19	0	0	0 NA	NA
0.02	0.01	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.84	3.08	3.22	2.97 -0.5023	0.002801
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.28	0.15	0.02 NA	NA
0.44	0	0	0.5 NA	NA
0	0	0	0 NA	NA
0	0.11	0.18	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.93	0.63	1.12	0.72 0.193677	0.687066
0.02	0.01	0.01	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.28	0.23	0.37 1.303019	0.032397
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.54	0.29	0.76	0.61 -0.36986	0.542471
0.23	0.25	0.65	0.27 -0.15229	0.755216
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.18	0.02	0.35	0	NA	NA
0.7	0	0.25	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.31	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.61	2.62	2.74	3.24	0.031659	0.949216
10.9	11.94	10.02	17.49	0.065775	0.843862
0.43	0.28	0.2	0.21	-0.00689	0.995073
0	0	0	0	NA	NA
0	0	0	0.33	NA	NA
0	0	0	0	NA	NA
0.3	0.26	0.43	0.8	-0.07368	0.93853
0.12	0.06	0.17	0.08	0.2265	0.789916
0	0	0	0	NA	NA
0.21	0.08	0.07	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0.14	0	NA	NA
1.05	0	0.33	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.46	4.62	5.51	5.19	-0.18334	0.476585
0	0	0	0	NA	NA
0.45	0	0.3	0	NA	NA
0	0.04	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.47	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.09	NA	NA
0.21	0.3	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.07	0.38	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

3.17	6.13	4.68	5.21	0.604775	0.003093
0	0	0	0	NA	NA
6.6	2.63	3.29	2.96	-0.43047	0.387554
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
7.8	4.18	6.41	6.1	-0.31654	0.301759
0.2	0.04	0.09	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.25	0	NA	NA
0.73	0.39	0.21	0	-0.56311	0.434346
3.38	8.22	6.84	6.66	0.525625	0.01293
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0.58	0.25	0.04	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.92	4.83	4.46	2.28	0.327125	0.660852
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.32	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0.29	0.68	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0	0	NA	NA

0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0	0 NA	NA
0.05	0	0.07	0.19 -0.18518	0.817504
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.03	0.02 NA	NA
0	0	0	0 NA	NA
0	0.11	0.1	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.57	1.87	1.4	1.43 -0.27188	0.48033
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.24 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.01	0	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.14	0.38	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.07	0.02 -1.03639	0.104286
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.26	0.9	0.2	0.23 NA	NA
1.16	0.72	0.76	1.25 0.160474	0.854124
0.63	0.17	0.57	0.61 -0.7352	0.106029
0	0	0	0 NA	NA
0	0	0.37	0.65 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.18	0.58	0.3	0.43	-0.1093	0.904253
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0.2 NA	NA	
0.15	0.16	0.1	0.11 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.29	0.56	0.43	0.19	0.496013	0.361519
0	0	0	0 NA	NA	
0.86	0	0.19	0.33 NA	NA	
0	0	0	0 NA	NA	
0.4	0.45	0.5	0.6	0.053301	0.928706
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.14	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0.12	0.04	0.09 NA	NA	
0	0	0	0 NA	NA	
16.15	17.25	16.28	17.16	-0.12422	0.627779
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0.14 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.29	0	0	0 NA	NA	
0	0.14	0	0 NA	NA	
0.96	0.92	0.93	1.48	0.286989	0.659679
0.76	0.47	0.07	0.49	-0.08403	0.930024
0	0	0.22	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.03	0.09	0.02	0.06 NA	NA	
1.92	0.89	1.41	0.86	-0.4403	0.477206
0	0	0	0 NA	NA	
0	0	0.02	0 NA	NA	
0	0	0	0 NA	NA	

0	0.03	0.08	0.05	NA	NA
0.07	0.03	0.02	0.03	NA	NA
0	0	0.78	0.4	0.335385	0.643667
0	0	0	0	NA	NA
0.6	0.07	0	0.3	-0.62184	0.367443
0	0.12	0.11	0.63	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
3.46	1.22	1.68	0.89	-0.7213	0.121475
0	0	0	0	NA	NA
0.86	0.95	1.49	1.53	-0.116	0.840033
0	0	0	0	NA	NA
0	0	0	0.15	NA	NA
0	0	0	0	NA	NA
0.7	0.59	0.47	0.18	0.051436	0.956564
0.24	0.84	0.7	0.55	0.42013	0.574403
0.37	1.07	1.07	1.59	0.576267	0.379666
0.73	1.2	1.18	0.99	-0.13867	0.859801
4.77	1.22	1.9	1.19	-0.99051	0.012705
0	0.17	0.15	0	NA	NA
0	0.66	0.79	0.54	0.666753	0.339097
0.79	0.66	1.04	0.99	-0.12735	0.882748
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0	0.01	NA	NA
0.32	0.07	0.17	0.02	-0.96334	0.127349
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0.13	0.06	0.09	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	0.95	0.79	0.75	-0.22086	0.704152
0	0	0	0	NA	NA
0.06	0.42	0.09	0.25	0.975447	0.109529
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.91	0	0.47	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.05	5.69	5.32	5.36 -0.45493	0.081856
0	0	0.13	0.16 NA	NA
0	0	0.3	0 NA	NA
0	0	0	0 NA	NA
1.25	2.33	2.06	2.62 0.393871	0.319165
0.86	1.1	0.31	1.41 -0.1918	0.821151
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.21	0.24 NA	NA
0.12	0	0	0 NA	NA
1.29	0	0	0.89 NA	NA
0	0	0	0 NA	NA
0	0.17	0.07	0.07 NA	NA
0.17	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.53	0.76	0.2 0.395647	0.608115
0	0	0	0 NA	NA
0.08	0.06	0.05	0 NA	NA
0	0.02	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	0	0.64	0.58 0.023197	0.980472
0.8	0.17	0.31	0.66 -0.96879	0.083088
0	0	0	0 NA	NA
0	0.12	0	0.12 NA	NA
0	0.08	0.11	0.24 1.444477	0.012723
0	0	0	0 NA	NA
10.05	13.04	11.66	14.1 0.144613	0.480941

0	0	0	0 NA	NA
0.44	1.5	1.1	0.59 0.253923	0.736669
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.76	1.48	1.03	2.32 0.334148	0.592856
0	0	0	0 NA	NA
0.04	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
1.94	1.19	1.95	2.51 -0.14485	0.815412
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	1.53	0.71	1.13 0.205603	0.793902
0	0	0	0 NA	NA
0.04	0.15	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0.1	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0 NA	NA
0	0.06	0.03	0.03 NA	NA
0.07	0	0	0.1 NA	NA
0.32	0.02	0.02	0.07 -1.04375	0.101637
0	0	0	0 NA	NA
0.11	0.41	0.53	0.51 0.761093	0.263401
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.04	0.52	1.33	0.15 -0.31446	0.687717
0	0	0	0 NA	NA

0.82	0.7	0	0 NA	NA
0	0.15	0.28	0.32 NA	NA
0.54	0.28	0.25	0.27 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0	0 0.001393	0.99768
0	0	0	0 NA	NA
0	0	0.09	0.1 NA	NA
0	0	0.04	0 NA	NA
0.03	0	0.01	0.05 -0.39381	0.597269
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
1.67	1.39	1.21	1.14 0.298681	0.608288
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.79	0	0 NA	NA
0	0.15	0.16	0.28 NA	NA
0	0	0	0 NA	NA
0	0.02	0.05	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0	0.5	0.11 NA	NA
0.08	0.19	0.07	0.44 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.39	0.13 NA	NA
0.9	0.75	1.09	0.79 -0.47029	0.48977
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0.56	0.29	0.32	0.3	-0.0712	0.941447
0	0	0	0	NA	NA
0	0.13	0.34	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.65	0.73	0.49	0.94	0.074888	0.928658
0	0.21	0.2	0.62	NA	NA
0	0	0	0	NA	NA
0.22	0	0	0.08	NA	NA
0.05	0	0.07	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.01	0.98	1.49	1.87	-0.71578	0.007485
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
6.52	13.59	10.89	11.83	0.797699	7.53E-07
2.33	2.04	2.61	2.77	-0.05944	0.815873
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.53	0.33	0.07	0.08	-0.58141	0.417629
0	0.49	0.14	0.32	0.315128	0.694326
0	0	0	0	NA	NA
4.37	7.8	5.31	6.76	0.343578	0.062886
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.45	1.52	1.56	1.51 0.711183	0.268617
0.55	0.19	0.53	0.6 NA	NA
0.16	0	0	0 NA	NA
0.9	0	0.29	0 NA	NA
1.78	0.23	1.17	0.73 -0.52263	0.461833
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0.03	0.08	0.1	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.32	0.5	0.62 -0.27092	0.67791
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0.09	0	0	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.88	7.52	4.97	8 0.628882	0.024663
0	0	0	0 NA	NA
0.04	0.23	0.22	0.44 0.62837	0.367858
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.39	0.24 NA	NA
0	0	0.39	0 NA	NA
0	0.22	0.38	0.09 NA	NA
0	0	0	0 NA	NA
0.11	0.07	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA

0	0.14	0	0.15	NA	NA
0	0	0	0	NA	NA
0	0.21	1.33	0.22	0.043316	0.961482
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0	NA	NA
0	0	0.08	0	NA	NA
0	0.01	0.01	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.62	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0.58	0.4	0.32	0.41	-0.42593	0.261775
0	0	0	0	NA	NA
0	0	0.17	0	NA	NA
0.34	0.41	0.45	0.59	0.232769	0.735887
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.15	0	0.48	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0.05	0.02	0.02	-0.21301	0.803964
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
22.31	17.85	16.87	14.09	-0.44902	0.0008
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.3	0.51	0.46	0.84	-0.15276	0.855582
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.39	0.66	0.25 0.410468	0.594664
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0.05	0.01	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.4	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0.23	0.12	0.12	0.06 -0.19507	0.818186
0	0	0	0 NA	NA
0.23	0	0.11	0.06 NA	NA
0	0	0	0 NA	NA
0.06	0	0.04	0 NA	NA
17.17	15.19	19.18	15.13 0.080761	0.762552
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0.09	0.1 NA	NA
11.16	10.55	9.74	11.95 -0.01124	0.956533
0.89	3.19	2.18	0.96 0.096311	0.917848
0.29	0	0.37	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0	0.66	0.75 NA	NA
34.82	39.12	27.72	20.82 0.230543	0.71647
0	0	0	0 NA	NA
0.16	0.56	0.29	0.6 1.202715	0.051642
0	0.05	0.05	0.01 NA	NA
0	0	0.17	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.11	0.08	0	0 NA	NA
0.15	0	0	0 NA	NA
0	0.21	0	0.09 NA	NA
0	0	0	0 NA	NA
0.26	0	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.11	0.05 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0.62	0.14 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.4	0 NA	NA
0	0	0	0.39 NA	NA
0.25	0	0.31	0.19 NA	NA
1.08	2.46	0.82	1.37 -0.33888	0.670138
0	0	0	0 NA	NA
0	0	0	0.41 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.4	0.9	1.13	1.41 -0.6578	0.123816
0	0	0	0 NA	NA
0	0.22	0	0 NA	NA
0	0	0	0.28 NA	NA
0	0	0	0 NA	NA
0.37	0.28	0.36	0.46 -0.43635	0.302923
1.48	0.14	0.22	0.45 -0.97674	0.130733
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.65	7.65	6.28	7.23 1.191643	2.22E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.34	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.33	0.44	0.35 -0.58245	0.367921
0	0	0	0 NA	NA
0.14	0.21	0.35	0.15 NA	NA
0	0	0	0 NA	NA
0	0.19	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.79	0.64	0.19 0.646491	0.309615
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.6	0.43	0.39	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.19	6.39	5.94	7.85 0.231847	0.40454
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.05	0 NA	NA
0	0	0.08	0 NA	NA
1.44	2.23	1.28	1.64 -0.02708	0.968828
0.75	0.27	0.61	0.56 -0.20968	0.807537
0	0	0	0 NA	NA
0.87	0	0.89	1.73 0.407163	0.597893
0	0	0	0 NA	NA
4.62	6.01	3.92	6.93 0.00151	0.997928

0.08	0.24	0.34	0.13	-0.26115	0.752803
0.92	0	0.19	0	NA	NA
33.58	38.86	35.63	33.86	0.002334	0.993768
0	0	0	0	NA	NA
2.22	1.62	1.31	0.98	-0.44528	0.289096
0	0	0	0	NA	NA
0.35	0.24	0.57	0.39	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.04	0.02	0	NA	NA
0	0	0.1	0	NA	NA
0	0.12	0	0	NA	NA
0.04	0.03	0.1	0.21	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0.08	NA	NA
0.95	1.82	1.25	0.95	0.212292	0.788447
0	0	0	0.17	NA	NA
0	0	0	0	NA	NA
0.03	0.46	0.33	0.57	2.754434	8.35E-09
0	0.11	0.11	0	NA	NA
0	0	0	0	NA	NA
0	0.51	0	0.26	NA	NA
0	0	0	0	NA	NA
0	0.1	0.19	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.64	2.85	2.6	3.33	-0.2891	0.644595
0.25	0.51	0.51	0.43	0.678628	0.289448
0	0	0	0	NA	NA
0	0.26	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0.52	0.37	0.14	0.16	-0.18919	0.825615
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.15	0	NA	NA
0	0	0	0	NA	NA
0.2	1.1	0.73	0.95	1.338759	0.002984
0.3	0.47	0.28	0.37	-0.13927	0.827737
0	0	0	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.04	0	0.02	0.07 NA	NA
0	0	0	0 NA	NA
0	2.55	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.02	0 NA	NA
5.34	5.08	5.29	5.07 -0.24499	0.041715
0	0	0	0 NA	NA
0.61	0.66	1.48	0.84 0.136018	0.847627
0	0.08	0	0.09 NA	NA
0.67	0.36	0.49	0.61 -0.39789	0.60461
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.59	0.39	0.38 0.020304	0.981851
0	0	0	0 NA	NA
0	0.03	0.04	0.06 NA	NA
0	0	0	0 NA	NA
0.13	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0.07	0.07	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.02	0.02 NA	NA
1.66	1.52	1.17	1.37 -0.01635	0.983057
0.51	0	0.26	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0.14 NA	NA
0	0	0	0 NA	NA
0.91	1.42	0.6	0.69 0.361823	0.64007
0	0.65	0	0.42 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.29	0 NA	NA
0.04	0	0.07	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.38	0.36	0.6 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.05	0	0.05 NA	NA
0	0.22	0	0 NA	NA
0	0	0.14	0 NA	NA
0.04	0.05	0.08	0.03 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0.34	0.1	0.12 NA	NA
0	0	0	0 NA	NA
0	0.13	0	0.14 NA	NA
0.7	0.97	1.31	1.05 0.605565	0.032856
0	0	0	0 NA	NA
0.02	0.04	0.01	0.04 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0.07 NA	NA
0.3	0.52	0.37	0.27 0.387553	0.608869
0	0.01	0	0.02 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.02	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.18	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0	0 NA	NA
0	0	0	0 NA	NA

0.42	0	0	0.21	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.03	13.49	11.87	13.75	0.224977	0.137344
0	0	0	0	NA	NA
0	0	0.19	0	NA	NA
1.46	0.42	0.37	0	NA	NA
0	0	0	0	NA	NA
0.55	0.38	0.86	0.59	-0.29259	0.617029
0.33	0.1	0.2	0.36	-0.25917	0.741215
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.81	0.14	0.51	1.011759	0.081571
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0.2	0.58	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.22	1.85	0.99	0.94	-0.24121	0.667336
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.06	0.08	0.12	0.226523	0.767431
0	0	0	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0.32	NA	NA
0	0	0	0	NA	NA
5.34	6.28	7.01	6.75	-0.00409	0.992113
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.23	0.09	0.27 1.10472	0.075675
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.1	0.72	0.78	0.51 -0.52329	0.177988
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.04	0.1 NA	NA
0	0	0	0 NA	NA
1.75	0.87	1.16	1 -0.632	0.033317
0	0	0	0.1 NA	NA
0.59	0.14	0.51	0.44 NA	NA
1.73	0.77	1.4	1.13 -0.10854	0.905111
0	0	0	0 NA	NA
0	0	0.05	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.92	0 NA	NA
0	0	0	0 NA	NA
0.55	0	0.72	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0.41	0.37	0.5	0.46 0.222601	0.651342
1.29	1.15	1.12	1.24 -0.06346	0.848037
0	0	0	0 NA	NA
0.24	0	0.27	0 NA	NA
0	0	0	0 NA	NA

0.3	0.43	0.3	0 NA	NA
0.76	0.14	0.13	0.07 NA	NA
0	0	0	0 NA	NA
0.29	0.25	0.38	0.24 -0.17081	0.842381
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0.13	0.55	0.17	0.78 0.217332	0.800294
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.28	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.25	0	0.16 NA	NA
0	0	0	0 NA	NA
0.08	0.06	0.11	0.12 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0.43	0	0	0 NA	NA
0.84	0.4	0	0 NA	NA
0.57	0.68	0.69	0.53 0.682931	0.32599
0	0.02	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0.14 NA	NA
0	0.04	0.03	0.03 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.67	1.39	1.32 0.688642	0.291618
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.04	0.03	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.39	0.92	0.77	0.76 0.667265	0.221794
0	0	0.15	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0	0 NA	NA
0.86	0.34	0.39	0.36 -0.34158	0.658595
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.13	0.18	0.19 0.390567	0.603778
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0	0	0 NA	NA
0.26	2.51	2.73	2.62 0.750221	0.189542
0.51	1.06	0.18	0.1 NA	NA
0	0	0	0 NA	NA
0.15	0	0	0 NA	NA
0	0.03	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.7	0	0	0.89 -0.43548	0.469004
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.32	0.13	0.15 -0.09186	0.922585
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	2.07	1.73	1.75 2.412788	3.58E-06
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.79	0.62	0.6 0.652731	0.354231
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.82	3.01	2.98	3.95 0.10145	0.719768
0.18	0	0	0 NA	NA
0	0.08	0.12	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0.38	0.37 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0.1	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0	0 NA	NA
4.68	5.01	5.29	5.89 0.165064	0.524726
0	0.61	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.61	0.52	0.59 -0.07688	0.899652
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0	0.12	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.06	0.09	0.03 NA	NA
0	0	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.43	0	0.38	0.19 NA	NA
0.81	2.13	1.27	1.34 0.735615	0.057427
0	0	0	0 NA	NA
2.19	2.15	2.29	1.63 -0.40818	0.17118
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.93	0.56	0.64 0.492196	0.46975
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.69	2.06 0.147986	0.832216
0.07	0	0	0.26 NA	NA
3.66	1.53	0.56	4.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.27	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.34	2.25	2.5	2.54 -0.05555	0.898733
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.13	0.22 NA	NA
0	0	0.1	0 NA	NA
0	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.46	0.21	0.12 NA	NA
0.86	0.69	0.68	0.67 -0.15343	0.796113
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.11	0.08	0.04 0.022134	0.982382
0	0.11	0.1	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.9	0 NA	NA
0.25	0.18	0	0.37 NA	NA
0	0	0.16	0.76 NA	NA
1.48	0.48	1.85	0.27 -0.14777	0.868389
0.26	0.38	0.05	0.49 1.127507	0.054404
0	0	0	0 NA	NA
0.08	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.01	1.81	1.82	1.3 0.032803	0.964365
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.37	9.97	10.93	11.19 -0.56567	1.66E-05
0	0	0	0 NA	NA
1.53	0.49	0.78	0.64 -0.19627	0.820323
0	0	0	0 NA	NA
0.61	0.97	0.55	0.57 0.349906	0.615925
0	0	0	0 NA	NA
1.97	2.08	2.02	2.5 0.015449	0.974831
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.44	1.28	0.39	1.38 -0.78682	0.14275
0.07	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0	0	0	1.39 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.33 NA	NA
1.89	1.94	2.77	2.26 0.093489	0.828444
0.1	0.26	0.38	0.27 1.072011	0.045149
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0.68	0.73	0.69	0.67 0.446601	0.464212
0	0	0	0 NA	NA
0.04	0.05	0.1	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.38	13.28	14.31	12.97 0.138941	0.377348
2.43	2.73	2.93	2.82 0.243233	0.3249
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
2.35	2.5	1.9	3.59 0.357372	0.528705
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0	0	0 NA	NA
0	0	0	0 NA	NA
2.6	2.06	1.34	2.31 -0.39706	0.468812
0	0	0	0 NA	NA
100.56	58.3	91.21	104.76 -0.36827	0.053852
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.94	3.34	5.14	3.63 -0.2999	0.377975
0	0	0	0 NA	NA
0.72	0.87	1.12	0.73 -0.12558	0.878434
0	0	0	0 NA	NA
0	0	0	0.31 NA	NA
0	0	0	0 NA	NA
0.49	0.45	0.29	0.25 -0.6981	0.185471

0	0	0	0 NA	NA
0.24	1.38	0.52	2.06 0.630377	0.373934
0.02	0.07	0.05	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.37	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.11	3.34	4.68	3.2 0.5703	0.205749
0	0	0	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.18	0.14	0.15 -0.02848	0.970719
0	0	0	0 NA	NA
0	0	0.32	0 NA	NA
0.7	1.17	0.53	1.09 0.241248	0.762312
0	0	0	0 NA	NA
0.68	0.58	0.4	0.46 NA	NA
0	0	0	0 NA	NA
0.68	0.76	0.62	0.59 -0.0829	0.872217
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0.02	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0.49	0	0	0.32 NA	NA

0	0	0	0 NA	NA
0.07	0.02	0.05	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.84	12.53	12	12.3 -0.19419	0.169807
0.04	0.13	0.1	0.05 NA	NA
0.02	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.06	0.33	0.31 0.758671	0.265261
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.33	0 NA	NA
0	0	0.01	0 NA	NA
1.68	0.75	1.37	0.63 -0.15864	0.856269
2.9	2.78	3.68	2.53 -0.15482	0.630015
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0.41 NA	NA
0	0	0	0 NA	NA

0.33	0.83	0.89	0.71	0.478126	0.157695
0	0	0	0	NA	NA
0.32	0.12	0.26	0.15	-0.42625	0.554834
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.47	13.92	12.23	13.96	0.090445	0.489363
0	0	0	0	NA	NA
0.22	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.81	2.85	3.83	5.12	-0.09846	0.828141
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.51	0.09	0.18	NA	NA
0.42	0	0.08	0.08	NA	NA
0.26	1.03	0.47	0.33	0.05263	0.955009
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.08	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0.18	0	0.24	0	NA	NA
0.41	0.34	0.33	0.39	-0.22407	0.077785

0.83	0.58	0.57	0.79	-0.31353	0.469684
0	0.12	0.11	0.06	NA	NA
0	0	0	0	NA	NA
2.16	2.03	2.37	2.33	-0.24105	0.472775
0	0	0	0	NA	NA
0.62	1.36	1.48	0.56	-0.3952	0.363899
0	0	0	0	NA	NA
0.06	0.15	0.21	0.21	0.185686	0.825444
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
39.84	38.98	43.11	40.91	-0.13368	0.232727
0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0.57	0.13	0.22	0.2	-0.4653	0.511967
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.66	0	NA	NA
0.11	0.16	0.15	0.25	NA	NA
0.69	1.45	10.13	4.36	1.036312	0.103418
0.18	0.19	0.12	0	NA	NA
0.68	0.98	1.05	1.27	0.492551	0.134884
0.09	0	0	0.02	NA	NA
0	0.62	0.57	0.56	0.240556	0.776183
58.12	41.02	48.5	44.28	-0.62103	2.06E-05
0.47	0.45	0	0.7	NA	NA
0	0	0.12	0.13	NA	NA
0.43	0.33	0.37	1.22	-0.38986	0.47363
25.38	38.4	36.59	32.83	0.39593	0.003557
0	0	0	0	NA	NA
1.52	0	0	0.54	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0	NA	NA
0	0	0.15	0.17	NA	NA
0.13	0	0.12	0	NA	NA
0.96	1.03	1.28	1.27	0.405149	0.556832
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.38	0.55	0.5	0.37 0.040865	0.957348
0	0.15	0	0 NA	NA
0	0.24	0.22	0.25 NA	NA
0	0	0	0.08 NA	NA
0.8	0.76	1.02	2.36 0.631769	0.373137
0.18	0.13	1.13	0.27 NA	NA
0.03	3.88	2.02	2.63 4.14243	4.57E-24
1.37	1.43	1.32	1.45 0.214092	0.666949
1.39	0.81	0.54	0.68 -0.72252	0.214293
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1	1.77	1.05	1.3 0.134239	0.807405
0	0	0	0 NA	NA
1.75	2.48	2.22	2.7 0.286735	0.211303
1.23	0.55	0.2	0.12 -0.37851	0.622432
0.22	0	0.15	0.1 -1.34904	0.023923
6.22	10.88	9.14	10.33 0.500042	0.085922
0	0	0	0 NA	NA
0.19	0.19	0.18	0.17 -0.32067	0.636669
0	0	0.92	0 NA	NA
0.47	0.26	0.08	0.18 NA	NA
0.64	0	0.14	0.16 NA	NA
0	0	0	0 NA	NA
0.12	0.09	0.4	0.54 -0.34667	0.662598
0	0.25	0.22	0.52 NA	NA
0	0	0	0 NA	NA
14.45	15.94	18.81	14.69 0.24583	0.127253
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.77	7.91	8.06	7.74 0.516127	0.0507
0.13	0.1	0.08	0.07 -0.4423	0.535362
0	0.89	0.35	0.4 0.203481	0.811275
0	0	0	0 NA	NA
0	0.11	0	0 NA	NA
0	0	0.1	0 NA	NA
5.88	10.28	21.7	13.66 0.703753	0.057256
0.93	6.53	6.95	9.72 1.104238	0.070946
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.68	0.77	0.64	1.01 0.094233	0.85075
0	0.31	0.14	0.08 NA	NA
0.44	0	0.14	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.69	0	0	0 NA	NA
0.18	0.21	0.17	0.17 -0.24317	0.718648
2.72	2.71	3.4	1.78 0.412257	0.449822
0.04	0.04	0.06	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0	0	0.03 NA	NA
0.47	0.11	0.61	1.41 0.205527	0.812051
0.26	0.12	0.23	0.33 -0.17671	0.840815
0.23	0.16	0.44	0 NA	NA
0.74	1.46	0.73	0.56 0.284117	0.729065
0	0	0	0 NA	NA
0.77	0.18	0	0 NA	NA
0	0	0.48	0.07 NA	NA
1.13	0.42	0.47	0.54 0.155534	0.86089
0.63	0.61	0.66	0.53 0.100843	0.862442
3.02	2.28	2.37	2.43 -0.25305	0.41055
0.36	0.26	0.12	0.54 NA	NA
0	0.28	0.51	0.15 NA	NA
0.09	0.09	0.06	0.07 NA	NA
0.02	0.04	0.02	0.01 NA	NA
0.65	0.54	0.49	0.47 0.145942	0.834197
0	0	0.16	0.09 NA	NA
0.46	0.32	0.47	0.17 -0.49172	0.510191
0	0.22	0	0 NA	NA
0.92	1.51	2.01	1.49 0.294339	0.659884
0.14	0	0.19	0 NA	NA
0	0.22	0.2	0.46 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.08 NA	NA
0.88	0.31	0.39	0.33 -0.57873	0.422003
0	0	0	0 NA	NA
2.38	0.84	0.71	0.42 NA	NA
1	0.92	0.35	0.32 -0.43666	0.524726
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.99	6.18	6.47	7.02 -0.02915	0.90414
0	0	0	0 NA	NA
0	0.15	0.14	0 NA	NA
0.47	0.21	0.82	0.22 -0.37815	0.627366

0.95	0	0.4	1.4	NA	NA
0.18	0.39	1.19	1.1	0.767176	0.26013
0	0	0	0	NA	NA
0.24	0.69	0.56	0.73	0.692427	0.318776
0	0	0	0	NA	NA
1.82	2.12	3.12	3.22	0.561206	0.098821
0	0	0	0	NA	NA
0.34	1.02	0	0.33	NA	NA
0	0	0	0	NA	NA
1.37	0.51	0.85	1.1	-0.98341	0.013146
0	0	0.42	0	NA	NA
0.11	0	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0.33	0.57	NA	NA
0.11	0.82	0.53	0.43	0.935364	0.1512
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.35	1.34	0.99	1.15	0.671118	0.302498
0	0.03	0.06	0.03	NA	NA
0	0	0	0	NA	NA
0.62	0	0	0.44	NA	NA
0.06	0.12	0	0.25	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0	0	0	4.85	NA	NA
0.15	0	0	0	NA	NA
0.27	0	0	0	NA	NA
0	0	0	0.04	-0.79065	0.198577
0.78	1.01	1.34	0.71	-0.20774	0.793593
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.43	0	0.3	NA	NA
0	0	0.11	0.12	-0.91074	0.137936
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0.09	0	NA	NA
0.13	0.29	0.22	0.3	0.150397	0.847875
0.83	0	0.44	0.63	-0.67238	0.337423
0	0	0	0	NA	NA

0	0	0.02	0.07	NA	NA
0	0	0	0	NA	NA
0.2	0.42	0	0.15	NA	NA
0	0	0.38	2.14	0.326895	0.462391
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0	0.11	0.2	0	NA	NA
2.51	2.27	1.66	2.76	-0.22732	0.487046
0.36	0	0.16	0.09	NA	NA
1.03	1.37	2.5	2.12	0.373085	0.476585
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.16	0	0.09	NA	NA
0.15	0.11	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.45	17.2	15.27	13.97	0.134081	0.555149
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.09	1.42	1.19	1.5	0.490061	0.416147
0.1	0.21	0.29	0.18	0.104883	0.90895
0	0	0.8	0	NA	NA
0.51	0.73	0.51	0.58	-0.20958	0.802296
14.83	12.7	13.37	11.38	-0.26153	0.016197
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.16	1.44	1.71	1.5	-0.37899	0.193042
0.57	1.02	0.95	0.94	-0.08269	0.919195
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.14	0.53	0.3	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
10.33	9.83	9.68	9.97	-0.02858	0.862624
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.32	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0.71	0	0.18	NA	NA
0	0.27	0.6	0.63	0.558236	0.444404
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.34	2.51	1.07	1.09	-0.82911	0.063132
0.18	0.24	0.1	0.31	0.288469	0.720745
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.03	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.05	0.49	0.57 -0.33278	0.675163
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.36	0.83	0.82 0.016389	0.986207
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.42	0	0.44 -0.01995	0.983692
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.14	0.04	0.06 -0.51934	0.481337
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.22	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.36	0.43	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0.26	0.19	0.31	-0.0348	0.971704
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.2	0.3	0.22	0.21	0.434024	0.561641
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0.13	NA	NA
0.17	0.12	0.87	0.75	0.453433	0.537744
0	0	0	0	NA	NA
0.05	0	0.11	0.12	-0.13674	0.875348
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0.58	0.25	0.76	0.50921	0.412741
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
7.94	7.38	10.65	10.56	-0.23567	0.249578
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0.11	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.63	0.15	0.61	0	NA	NA

0.45	0.12	0.18	0.1	-0.72705	0.274874
0	0	0	0	NA	NA
0.99	2.59	1.67	2.94	0.835578	0.013521
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.73	0.24	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
23.18	30.15	24.81	27.48	0.221196	0.035572
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.06	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.05	0.07	0.09	-0.09414	0.848046
0	0	0	0	NA	NA
54.23	55.64	63.14	60.68	0.106538	0.332975
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0	NA	NA
0.14	0	0	0.04	NA	NA
0.76	0.16	0.65	0.41	-0.39954	0.600319
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.27	0.13	0.29	0.581498	0.411555
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.18	0	0.35	0 NA	NA
0	0	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.59	0	0	0 NA	NA
10.14	12.77	9.75	11.41 -0.03036	0.930091
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.46	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.02	0.15	0.11 -0.94628	0.126806
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	1.78	4.67 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.47	2.32	3.57	5.9 0.028391	0.948362
0	0.34	0.29	0 NA	NA
3.38	2.77	2.91	4.45 0.067765	0.899652
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
2.51	2.8	1.82	2.42 -0.17599	0.789809
0	0	0	0 NA	NA
0	0.05	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
9.87	4.48	9.02	8.62 -0.6014	0.021517
0	0	0	0 NA	NA
0	0	0.09	0 NA	NA
0	0	0.04	0.04 NA	NA
0	0	0	0 NA	NA
4.29	6.67	8.75	7.75 0.539125	0.053852
0	0.15	0	0 NA	NA

2.61	1.51	1.54	2.66	-1.06514	0.002255
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.93	0	NA	NA
0	0.23	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.2	0.06	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0	0.07	0.31	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.39	0.14	0.63	0.87	0.320383	0.679028
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.29	0	0	0	NA	NA
0	0	0.17	0	NA	NA
0.26	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
1.77	0.25	0.47	1.08 -0.44787	0.542471
0	0	0	0 NA	NA
1.34	1.24	1.1	1.45 -0.03323	0.94241
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.73 NA	NA
0.49	0.28	0.45	0.2 -0.27321	0.713423
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0.06	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.21	0.17	0.2 0.401737	0.600175
0.16	0.11	0.15	0.12 NA	NA
0.17	0.73	0.56	0.38 0.559426	0.434244
0.01	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.64	2	1.19	1.73 0.093742	0.9065

0	0.15	0.53	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.1	0.3 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0	0	0 NA	NA
0	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0.05	0	0.14 -0.42263	0.573641
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.42	0.19	0.63 -0.39107	0.564856
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.35	0.74	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
47.73	21.45	22.92	26.91 -0.97876	6.75E-11
3.54	3.85	3.64	3.47 0.111083	0.591923
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.37	0.14 NA	NA
0.84	0.52	1.18	0.87 0.337404	0.65647
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.92	0.32	0.48 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.28	3.22	2.79	2.7 -0.46704	0.149296
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.78	0	0 NA	NA
0.14	0.14	0.18	0.2 NA	NA
0	0	0	0.97 -0.45704	0.51513
0	0	0	0 NA	NA
0.68	0.32	0.46	0.3 -0.44508	0.496085
0	0.31	0.28	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
24.55	37.29	35.25	37.33 0.519098	1.15E-09
0	0.11	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0.18	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0.39	0.94	0.4 NA	NA
0.59	0.13	0.31	0.28 -0.70161	0.264149
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0	0.21	0.35 NA	NA
0.89	1.25	0.89	0.69 -0.30522	0.616434
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.2	0.15	0.42 0.353702	0.654603
0	0	0	0 NA	NA
0.57	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.85	3.25	3.78	4.7 0.707486	0.102826
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0.39	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.72	0.16	0.15	0.21	-1.08532	0.080293
0	0	0	0	NA	NA
0.6	0.72	0.39	0.6	-0.26668	0.747043
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.84	17.77	8.96	14.74	2.061082	1.06E-17

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0.33	0.39	0.29 -0.07775	0.891888
0	0.13	0.09	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.14	0.93	0.88	1.2 -0.0236	0.958712
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0.17	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.32	0.3	0.68 0.505853	0.478944
0.19	0.18	0.09	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.19	0.12	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.71	1.03	0.91	0.39 0.045207	0.949887
0	0	0	0 NA	NA
0.31	1.27	0.64	0.67 1.488274	0.008906
0	0	0	0 NA	NA
0.87	0.84	1.75	2.24 0.9104	0.083681
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.11	1.14	0.46	0.66 -0.48244	0.506814

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0	0.15	0.14 -1.27869	0.032828
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
11.01	12.69	12.74	12.41 0.048604	0.748153
0	0	0	0 NA	NA
8.32	17.42	13.73	17 1.10349	1.42E-10
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	1.09	0.73	0.89 0.967913	0.005464
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.09	1.85	2.15	1.72 0.346632	0.431901
9.71	9.77	0	12.83 NA	NA
0.51	0.53	0.63	0.34 -0.40541	0.418229
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.14	0.39	0.44 NA	NA
0	0	0	0 NA	NA
0.72	1.04	1.09	0.9 0.164088	0.852058
0	0	0	0 NA	NA
3.34	2.24	2.24	2.54 -0.43775	0.029948
0	0	0	0 NA	NA
0.21	0.12	0.14	0.06 -0.46324	0.539218
0	0.19	0.06	0.14 NA	NA
0	0	0	0.57 NA	NA
0	0	0	0.54 NA	NA
0.25	0.18	0.32	0.18 NA	NA
0	0.68	0.21	0.48 NA	NA
0.06	0.12	0.16	0.14 0.158328	0.856286
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.63	1.33	0.9	1.26 0.818338	0.215872
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.1	0.1	0.11 NA	NA
0	0	0	0 NA	NA
1.91	2.27	2.8	2.11 -0.02168	0.968828
0	0	0	0.07 NA	NA
0.52	0.46	0.43	0.29 -0.03174	0.974646
0	0	0	0 NA	NA
0.37	0.13	0.31	0.28 NA	NA
0.05	0.04	0.1	0.04 NA	NA
0	0	0	0 NA	NA
3.65	1.61	1.71	2.73 -0.12265	0.852311
0.1	0.08	0.09	0.01 -0.39277	0.611421
0.46	0.56	0.21	0.41 -0.01008	0.992442
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.01	0.04	0.01 NA	NA
0.17	0.33	0.12	0 NA	NA
0.16	0.14	0.09	0.17 -0.07781	0.934923
0	0	0	0 NA	NA
0	0	0.25	0 NA	NA

2.09	1.94	1.91	2.52	0.029216	0.94813
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.03	0	NA	NA
0	0	0	0	NA	NA
0.19	0.15	0.05	0.06	-0.76344	0.263126
0.08	0.03	0.19	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0.24	NA	NA
0	0	0	0	NA	NA
0.14	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.11	0.38	NA	NA
0	0	0	0	NA	NA
0.19	0.33	0.15	0.3	0.345596	0.629586
0	0	0	0	NA	NA
4.11	2.32	3.21	3.36	-0.45219	0.331994
0.68	0.3	0.68	0.13	-0.06993	0.94241
0	0	0	0	NA	NA
1.03	0.51	0.37	0.42	-0.79563	0.176246
0.16	0.13	0.48	0.84	0.140262	0.875035
0.03	0	0.02	0	NA	NA
0.25	0.49	0.4	0.55	0.646652	0.295208
0	0	0.13	0.15	NA	NA
1.02	0.91	0.49	0.57	-0.3952	0.609788
1.1	0.79	2.04	1.93	0.100109	0.906178
0.15	0.27	0.15	0.12	NA	NA
0.45	0.97	0	0	NA	NA
0.11	0.12	0.15	0.27	-0.04467	0.958937
1.97	1.58	1.9	1.46	-0.02443	0.978777
0	0	0	0	NA	NA
0.07	0.09	0.27	0.4	0.288953	0.723388
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.03	0	NA	NA
3.55	2.31	1.44	3.92	-0.42745	0.359108
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA
0.29	0	0.13	0.17 -0.86895	0.187557
0	0	0.17	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0.03 NA	NA
0.96	0.87	1.02	1.05 0.214611	0.720745
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0.08	0.1 NA	NA
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.51	0.13	0.54 0.4533	0.546314
0	0.1	0.18	0.31 NA	NA
0	0	0	0 NA	NA
0.87	0.23	0.36	0.16 -0.4024	0.602861
0	0.44	0.4	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.24	0.67 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0.32	0.23	0.26	0.34 -0.14652	0.867232
0.16	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.21	0 NA	NA
0.63	0.76	0.49	0.56 -0.31398	0.673432
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.46	1.59	1	1.07 0.085576	0.862849
0	0	0.11	0 NA	NA
0.1	0.11	0.13	0.06 0.314394	0.696126

0	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.92	0.93	0.12	0.42	0.017283	0.986288
0.3	0.43	0.2	0.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.14	0.15	NA	NA
0.13	0.09	0.26	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.26	0	0	0	NA	NA
0	0	0.17	0.19	NA	NA
0	0	0	0	NA	NA
0.05	0.03	0.03	0.02	NA	NA
0.58	0.25	0.31	0.18	-0.65862	0.34862
0	0	0.17	0.1	NA	NA
0	0	0	0	NA	NA
0.22	0.26	0.44	0.22	0.444425	0.55896
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.19	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.71	1.21	1.5	1.87	-0.17734	0.794993
0.42	0.45	0.58	0.38	0.031532	0.959017
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0.42	0.22	0.12	0.14	-0.63171	0.368781
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.25	1.64	2.28	2.23	-0.95502	7.13E-11
0.14	0	0	0.22	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.19	0.1	0.19	-0.36305	0.577152
0	0	1.71	0	NA	NA
0.24	0.18	0.41	0.09	NA	NA

0	0	0	0 NA	NA
0.02	0.08	0.05	0.09 0.15413	0.862538
0.48	0.68	0.52	0.82 -0.25796	0.62293
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0.21	0.2	0.22 NA	NA
0.44	0.58	0.39	0.49 0.518202	0.399892
0	0	0	0 NA	NA
0	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0.26	0.12	0 NA	NA
0.08	0.29	0.27	0.3 0.416319	0.504765
0	0	0	0 NA	NA
2.17	2.79	2.41	2.02 0.101819	0.859827
0.12	0.18	0	0 NA	NA
0	0	0	0 NA	NA
0.58	0.46	0.61	0.39 -0.01011	0.991973
0.08	0	0.34	0.13 -0.14616	0.863932
0	0	0	0 NA	NA
0.06	0.05	0.21	0 NA	NA
0	0.38	0	0 NA	NA
0	0	0.11	0.24 NA	NA
0	0	0	0 NA	NA
0.82	0	0	0 NA	NA
3.52	5.69	5.36	5.65 0.534852	0.005972
0.09	0.07	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0.24	0.55	0.13 NA	NA
0	0	0	0 NA	NA
1.53	20.26	11.77	18.8 1.636249	0.00355
0	0	0.49	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0.2	0	0.13	0 NA	NA
0.09	0.03	0.16	0.07 -0.38892	0.614091
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0	0.13	0.15 NA	NA
0.38	1	0.44	0.6 0.804033	0.231619
0	0	0	0 NA	NA
1.3	1.88	1.13	1.71 -0.10309	0.872808
0	0	0	0 NA	NA
1.86	0.86	1.51	1.15 -0.36901	0.514164

0.59	0.52	0.71	0.51	0.227237	0.773507
0.2	0.05	0.14	0.1	NA	NA
0.75	0.77	0.99	0.79	-0.08979	0.884597
0.44	0.48	0.84	0	NA	NA
0	0.83	0.88	0.14	0.733492	0.256757
0	0	0	0	NA	NA
0.98	1.22	1.1	0.86	0.213723	0.554834
0	0.12	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0.14	0	NA	NA
0.21	0.15	0.21	0	NA	NA
0	0	0	0	NA	NA
0	0	0.28	0.16	NA	NA
0.11	0.33	0.68	0.95	0.715222	0.300938
0	0	0	0	NA	NA
0	0	0	0.14	NA	NA
0	0	0	0.03	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.69	5.87	5.6	6.97	1.385795	1.15E-15
0.25	0.35	0.32	0.55	NA	NA
1.82	1.27	0	0.63	NA	NA
0.64	1.49	1.18	1.38	0.98722	0.040458
0.51	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0.24	0	0	0	NA	NA
1.07	0.66	1	1.61	0.147968	0.862746
0	0	0.25	0	NA	NA
0.38	0	0.47	0	NA	NA
0	0	0	0	NA	NA
0.15	0.1	0	0	NA	NA
0.19	0.08	0.21	0.26	0.122535	0.891001
19.81	59.31	31.56	44.6	1.174875	0.040378
0	0	0	0	NA	NA
0.12	0	0.08	0	NA	NA
0	0.07	0	0	NA	NA
0	0.08	0	0.09	NA	NA
0.06	0	0.04	0	NA	NA
0.03	0	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0.42	0.3	0.46	0.53	-0.08193	0.931764
0	0	0	0	NA	NA
0	0	0.05	0.03	NA	NA

0	0	0	6.6	NA	NA
1.1	0.66	1.41	0.93	-0.43416	0.400736
0.18	0.13	0.12	0.26	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.18	0.31	NA	NA
0.02	0	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.96	1.22	0.84	2.06	0.373945	0.607409
0	0	0	0.22	NA	NA
0	0.25	0	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.69	0	0.68	0.75	-0.12548	0.888663
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0.22	0	0.22	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.13	0.15	NA	NA
0.05	0.14	0.37	0.27	0.619675	0.383865
1.69	1.78	1.45	1.25	0.116051	0.850235
1.5	0.48	0.33	0.5	NA	NA
0	0	0	0	NA	NA
0.27	2.09	1.02	1.18	0.748664	0.275443
0.88	1.52	2.06	0.47	0.545137	0.383112
0.32	0	0.21	0	NA	NA
0.1	0	0.03	0.01	NA	NA
0.65	0.09	0.17	0.25	-1.30669	0.023171
5.04	6.98	3.25	4.06	0.037121	0.955141
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.19	0.55	0.37	0.14	NA	NA
0	0	0	0	NA	NA
0.09	0	0	0	NA	NA
0.58	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.45	0.89	0.99	0.94 -0.30462	0.289764
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0.24	0.02	0	0.02 -1.41667	0.017797
0.56	0.25	0.15	0.23 -0.88879	0.130108
0.57	0	0.43	0.21 NA	NA
5.44	5.99	5.87	5.83 0.056073	0.674092
0	0.23	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.36	6.36	7.87	7.48 0.224817	0.082448
0	0.11	0	0 NA	NA
0.94	1.42	1.34	1.27 0.281067	0.443481
0	0	0	0 NA	NA
0.29	0.63	0.58	0.55 0.194901	0.821481
0.73	2.52	1.8	2.12 1.186809	2.43E-05
0	0	0	0 NA	NA
0.19	0.13	0.49	0.42 NA	NA
0	0	0	0 NA	NA
0.08	0.6	0.67	0.32 0.102607	0.909236
0	0	0	0 NA	NA
0.04	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.07	0.11	0.08 -0.2832	0.709367
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0.28	0.4	0.09	0.11 NA	NA
0	0	0.11	0 NA	NA
0.75	0	0	0 NA	NA
0.47	0.34	0.21	0.18 -0.09137	0.923329
0.31	0.33	0.79	0.65 0.510628	0.49072
0.64	0.31	0.55	0 NA	NA
0	0	0.34	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
0.45	0.25	0.43	0.33 -0.27713	0.599298
0.13	0.09	0.33	0.29 NA	NA
0.78	0.42	1.15	0.59 NA	NA
0	0	0	0 NA	NA
0.18	0.02	0.04	0.16 -0.242	0.772425
0.08	0.23	0	0 NA	NA
0	0	0	0 NA	NA

2.25	0.62	0.7	0.4	-1.97019	1.94E-06
0.52	0.37	0.5	0.96	NA	NA
0	0	0	0	NA	NA
0	0.23	0.21	0.72	NA	NA
13.52	18.97	16.55	16.39	0.156589	0.214858
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
17.6	52.24	42.11	46.87	1.445941	1.30E-29
0	0	0	0	NA	NA
0	0	0.32	0.19	NA	NA
0.57	0.88	0.55	0.76	0.152869	0.754507
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.08	3.62	1.96	4.06	0.637827	0.029942
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.28	1.57	1.88	2.71	-0.44979	0.19126
0.1	0.29	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.73	6.9	7.21	7.66	-0.10337	0.668672
0	0.11	0.1	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.17	NA	NA
0	0	0	0	NA	NA
0	0.22	0.21	0.24	NA	NA
0	0	0	0	NA	NA
0	0.27	0.37	0.85	NA	NA
0.27	0.96	0.17	0	-0.3452	0.644878
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.65	0	0.2	0.48	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
1.5	0.54	0.58	0.38	-0.35765	0.645015
0	0	0	0	NA	NA
0	0.04	0.07	0.06	NA	NA
3.24	3.15	3.62	3.75	-0.07033	0.84099
0	0.16	0.24	0.22	NA	NA
2.91	2.4	3.12	2.61	-0.19331	0.575962
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.21	0.92	1.27	1.93 -0.82332	0.125124
0	0	0	0 NA	NA
0.49	0	0.08	0 NA	NA
1.86	1.28	1.43	1.29 -0.31589	0.226464
0.05	0.03	0.06	0.07 NA	NA
0	0	0.15	0.09 NA	NA
0.45	0.22	0.4	0.68 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.25	0.17	0.07 NA	NA
0	0	0	0 NA	NA
0.45	1.28	0.86	0.81 0.538886	0.196201
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.2	0.28	0.21 NA	NA
0	0	0	0 NA	NA
6.04	3.59	5.06	7.62 -0.05256	0.944005
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0.11 NA	NA
0.46	0.67	0.74	0.77 -0.10489	0.876951
0.2	0.23	0.11	0.31 0.040414	0.966075
0	0	0	0 NA	NA
0.3	0.11	0.1	0.11 NA	NA
1.54	1.28	1.58	1.96 -0.00474	0.992257
0	0.22	0.08	0.05 NA	NA
0.07	0.05	0.18	0.07 0.130946	0.884263
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.12	0.13	0.12 NA	NA
0.2	0.29	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0.05 NA	NA
0.09	0.05	0	0.1 -0.45782	0.538388
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.32	0.63	0.54	0.43 0.155462	0.85662
0	0	0	0 NA	NA
0.22	0.64	0.29	0.5 NA	NA
0	0	0	0 NA	NA
0.31	0.67	0.28	0.4 0.162231	0.854296
0.16	0	0	0.12 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.81	0 NA	NA
0.1	0.28	0.46	0.23 NA	NA
0.04	0	0.13	0 NA	NA
0.07	0.05	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.56	0.49	0.52	0.65 -0.27795	0.301969
0	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0.24	0 NA	NA
0	0.12	0.1	0.09 0.645788	0.361215
0	0	0	0.32 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.01 NA	NA
0	0	0	0 NA	NA
0.37	0.32	0.17	0.03 -0.29719	0.713701
0.09	0.65	0	0 NA	NA
0	0.76	0.23	0.93 0.666089	0.319165
0	0	0	0 NA	NA
0	0	0.18	0.1 NA	NA
1.96	1.24	1.32	1.6 -0.26929	0.462623
0.23	0.16	0.23	0 NA	NA
0.37	0.31	0.07	0.24 NA	NA
0.2	0	0.13	0.15 NA	NA
0	0.08	0.15	0.41 NA	NA
0.26	0.02	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	0.54	0.55	0.59 0.518927	0.482117
0	0	0.55	0 NA	NA
2.26	0.3	1.71	2.22 -0.65403	0.317534
2.04	1.55	1.61	1.68 -0.34934	0.264032
0.35	0.38	0.22	0.36 0.211156	0.767649
3.02	1.59	1.57	1.36 0.047554	0.958855
0	0	0	0 NA	NA
0	0.02	0.03	0 NA	NA

6.61	9.9	8.02	8.97	0.285409	0.072192
0	0	0	0	NA	NA
0	0.01	0.01	0.02	NA	NA
0.43	0.31	0.48	0.11	NA	NA
0	0.08	0	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.25	0.18	0.11	-0.31225	0.662367
0.54	0.43	0.44	0.52	-0.14692	0.723461
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0.07	0.16	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	1.04	1.08	0.78	0.536301	0.465679
2.6	3.34	3.98	4.14	0.232895	0.344028
0	0	0	0	NA	NA
0	0.34	0.46	0	0.525644	0.413305
0.45	0	0	0.97	NA	NA
0.24	0.21	0.2	0.04	-0.22822	0.78879
4.12	5.53	5.85	3.23	0.406592	0.249285
0	0	0.21	0.24	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	2.75	1.66	2	0.579272	0.352632
0.18	0.13	0.12	0	NA	NA
0.15	0.11	0	0.23	NA	NA
0	0	0	0	NA	NA
0.14	0.1	0	0	NA	NA
3.1	2.65	3.5	2.54	-0.36709	0.446052
0.85	1.15	1.28	1.53	-0.01375	0.986671
0.37	1.2	1.57	1.39	0.699878	0.29626
0	0	0	0	NA	NA
0.91	1.49	1.52	1.99	0.339328	0.265727
0	0	0	0	NA	NA
1.21	1.07	1.34	0.51	-0.16738	0.836509
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.12	0.11	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.99	1.54	1.46	1.15	0.220412	0.602449
1.97	2.33	2.16	2.28	-0.13516	0.820881

0	0	0.23	0 NA	NA
0.83	0.41	0.26	0.28 -0.34805	0.659572
0	0	0	0 NA	NA
0.07	0.2	0.28	0.11 -0.00399	0.996711
0.1	0.1	0.09	0.03 NA	NA
0	0	0	0 NA	NA
1.61	0.36	0.82	0.51 -1.23267	0.001331
0.44	0.32	0.1	0.22 NA	NA
0	0	0.12	0 NA	NA
0	0	0.01	0 NA	NA
2.45	1.4	0.83	1.47 -0.57189	0.323961
0	0.37	0	0.19 NA	NA
0	0	1.46	0 NA	NA
0	0	0	0 NA	NA
1.13	1.11	1.22	1.42 -0.03939	0.951569
0	0	0	0 NA	NA
0	0	0.18	0.21 NA	NA
0.45	0.32	0.69	0.42 0.088637	0.925002
0.27	0.06	0.12	0.2 NA	NA
0	0.12	0	0 NA	NA
0.67	0.97	0.96	0.73 0.034408	0.962938
0	0	0	0.25 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0.1 NA	NA
7.91	4.78	5.49	4.92 -0.47927	0.000951
0	0.2	0.09	0 NA	NA
0	0	0.19	0 NA	NA
0	0.21	0	0 NA	NA
0	0	0	0 NA	NA
0	0.46	0.17	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.35	0.17	0.24 0.614319	0.368824
3.29	3.99	3.81	3.69 0.501895	0.037652
0.05	0.11	0.1	0.04 NA	NA
0.6	0.54	0.8	1.82 0.151159	0.860153
2.54	2.43	2.83	2.34 -0.14164	0.814797
0.98	0.87	1.32	0.58 0.332943	0.626225
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0	0.32	0.38 NA	NA

0.31	0.67	0.63	0.51	0.461632	0.471929
0.47	1.22	1.44	1.34	0.153365	0.800223
0	0.14	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.35	NA	NA
0	0	0	0	NA	NA
0.26	0.31	0.23	0.07	NA	NA
8.95	7.29	8.72	8.71	0.044525	0.887755
1.36	1.61	1.58	1.66	-0.15876	0.65103
0	0	0	0	NA	NA
0	0.09	0.17	0.1	NA	NA
0	0.43	0	0.09	NA	NA
0.25	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0.55	0.06	0.42	0.3	-0.17295	0.844865
0.61	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.98	0.23	0.75	0.12	-0.06606	0.944533
0.07	0	0.04	0.4	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0.6	0.49	0.4	0.162166	0.854111
0.12	0.12	0.1	0.21	0.078235	0.924089
0	0	0.23	0.13	NA	NA
1.03	0.64	0.88	1	-0.34613	0.636669
0	0	0	0.39	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.96	1.13	1.05	1.2	0.048462	0.948824
0.28	1.77	1.15	0.76	-0.04579	0.955966
0.65	0.58	0.21	0.25	NA	NA
0.22	0.16	0.42	0.49	NA	NA
0	0.18	0.16	0.19	NA	NA
0	0	0	0	NA	NA
0	0.75	0.17	0	NA	NA
4	2.98	4.36	3.02	-0.27308	0.583792
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.69	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	1.86	2.03	2.06	0.519741	0.116032
0	0	0	0	NA	NA

0	0.64	0.15	0	NA	NA
0.44	0	0	0.17	NA	NA
0	0.36	0.25	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0	0.23	NA	NA
0.65	0.31	0.49	0.99	-0.27513	0.708257
0	0	0.47	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0.08	NA	NA
0	0.19	0.51	0.2	NA	NA
0.18	0	0.12	0	NA	NA
0	0.22	0.1	0.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.78	3.53	1.53	1.53	0.412183	0.387722
9.02	9.46	13.07	13.68	0.607053	0.027002
0.33	0.35	0.26	0.17	0.111655	0.901699
0	0.16	0.76	0.17	0.223752	0.788559
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0.08	0	-0.60447	0.393877
0	0.17	0	0	NA	NA
7.23	7.46	6.87	6.87	0.277995	0.037805
0.6	0.05	0.24	0.23	-1.19065	0.013555
48.52	43.09	44.2	43.71	-0.12362	0.361207
0.06	0	0.08	0.12	NA	NA
0.38	0.34	0.55	0.26	-0.30808	0.681472
0	0	0	0	NA	NA
0.7	0.2	0.78	0.44	-0.08916	0.924712
0	0	0	0	NA	NA
0.19	0.41	0.25	0.24	0.462166	0.408819
0	0	0	0	NA	NA
0.21	0.15	0.34	0.18	-0.48346	0.454965
0	0.09	0.17	0	NA	NA
0	0	0.16	0.09	NA	NA
0.29	0.32	0.49	1	0.188871	0.819846
0.13	0.05	0	0.08	NA	NA
0.85	1.23	1.3	1.42	0.320694	0.453409
0	0	0.12	0	NA	NA
0	0.31	0	0	NA	NA
0	0.07	0	0	NA	NA
3.02	3.85	2.94	3.23	0.032013	0.936357
0.13	0.06	0	0.03	NA	NA

0	0	0	0 NA	NA
0.11	0.34	0.22	0.49 0.505358	0.396889
0	0	0	0.29 NA	NA
0	0.07	0.17	0.06 -0.07025	0.94241
0	0	0	0 NA	NA
0.25	2.83	3.63	0 0.078102	0.898186
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0.11	0.41	0.08	0.17 NA	NA
0.15	0.33	0.14	0.27 0.555325	0.447403
0	0	0.05	0 NA	NA
0	0.22	0.4	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0.16 NA	NA
0.8	0.88	0.95	1.46 0.474468	0.401568
0	0	0.14	0 NA	NA
0.24	0.39	0.28	0.36 0.507895	0.446731
0	0	0.09	0.11 NA	NA
0.22	0.16	0.29	0.17 NA	NA
0	1.99	1.26	1.45 0.285743	0.604518
0.29	0.42	0.39	0.55 NA	NA
0.65	0.28	0.43	0.49 -0.53563	0.463611
0	0.16	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0	0.23	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.32	0.15	0.26 NA	NA
0	0	0	0 NA	NA
0.13	0.29	0.54	0.41 NA	NA
0	0.1	0.02	0 NA	NA
0.38	0.33	0.37	0.57 0.461504	0.375128
0.23	0	0.29	0.17 NA	NA
0.11	0.08	0.1	0.06 -0.13783	0.868809
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.1	0.12	0.15 -0.43892	0.422205
0	0	0	0 NA	NA
0.21	0.15	0.42	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.1	0.08	0.14 NA	NA

0	1.52	0.81	0.79	0.924329	0.157599
0.23	0.16	0	0	NA	NA
1.43	2.91	1.98	1.17	0.214375	0.743623
0.29	0.58	0.39	0.38	0.071347	0.910192
0	0	0	0	NA	NA
1.4	0.88	1.22	0.61	-0.05414	0.954093
0.29	0.84	0.39	0.33	-0.10503	0.90897
0.3	0.24	0.21	0.26	0.126963	0.878681
0.27	0	0	0	NA	NA
0.41	0.37	0.41	0.08	-0.1793	0.836807
0	0	0.31	0	NA	NA
0.04	0	0.05	0.03	NA	NA
0.49	0.35	0.45	0.38	-0.11747	0.881539
0	0.1	0	0	NA	NA
0.05	0.07	0.14	0.43	NA	NA
0	0	0	0.09	NA	NA
0	0.94	0.39	0	NA	NA
0	0	0	0	NA	NA
0	0.56	0.26	0.74	NA	NA
0.86	1.22	1.48	1.31	0.601354	0.000877
0	0.15	0.14	0	NA	NA
10.66	8.26	8.88	9.15	-0.21256	0.348322
0	0	0	0	NA	NA
0.61	0	0	0	NA	NA
0	1.39	0.93	0.54	0.120025	0.895033
1.43	0.44	0.67	0.31	-0.46961	0.533521
0.37	0	0	0	NA	NA
0	0	0	0	NA	NA
2.96	2.03	2.3	2.1	-0.46424	0.003297
0	0	0.13	0	NA	NA
0.16	0.18	0.41	0.67	-0.0974	0.90014
6.63	10.57	10.22	9.21	0.594408	4.34E-05
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.29	0	0.05	0.25	-0.32662	0.678112
0.05	0	0	0	NA	NA
0.2	0	1.52	0	-0.07765	0.862624
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0.09	0.53	0	NA	NA
0	0.1	0.19	0	NA	NA
0.16	0.8	0.53	0.48	-0.14428	0.871922
0	0.33	0.15	0	NA	NA
2.36	2.65	2.04	1.26	0.442039	0.561271
0.4	0.14	0.11	0.1	-1.40612	0.008911

0	0	0	0 NA	NA
0.07	0.05	0.3	0.17 -0.1137	0.899474
0.13	0.09	0.38	0.27 -0.26613	0.703505
0	0	0	0 NA	NA
0.27	0	0	0 NA	NA
0.38	0.27	0.89	0.5 -0.65784	0.342762
0.29	0.42	0.38	0.11 NA	NA
0	0	0.16	0 NA	NA
0.43	0.62	0.8	0 NA	NA
0	0	0	0 NA	NA
1.02	1.18	1.46	1.38 0.197262	0.8101
0	0.48	0.21	0 NA	NA
1.39	1.45	1.36	1.06 -0.2393	0.676615
0	0	0	0 NA	NA
0	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.16	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.61	0.75	0.64 1.214984	0.044273
0	0	0	0 NA	NA
0	0	0	0.13 NA	NA
0	0	0.66	0.39 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.2	0.25	0.43 NA	NA
0	0	0	0 NA	NA
2.14	3.47	2.52	3.51 0.725275	0.014959
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0.91	2.63	1.65	1.67 0.988087	0.047132
0	0.58	0.51	0.3 NA	NA
0	0	0	0.12 NA	NA
13.81	13.43	12.79	13.71 -0.25692	0.030806
0.25	0.36	0.51	0 NA	NA
0	0	0	0 NA	NA
0.4	0.14	0.13	0.3 NA	NA
0	0.12	0.11	0.26 NA	NA

1.43	1.94	1.67	2.01	0.406188	0.107181
0	1.17	1.24	0.28	NA	NA
0.81	0.66	0.99	0.8	-0.02017	0.978992
1	0.66	0.92	0.77	-0.33632	0.549416
9.98	13.83	16.4	14	0.430369	0.112381
0.04	0.02	0.02	0.01	NA	NA
0	0	0.4	0.95	NA	NA
1.83	2.09	1.49	2.97	0.399699	0.301209
0	0.54	0.46	1.13	0.789171	0.240188
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.59	0.25	0.74	0.889393	0.174767
0	0	0	0	NA	NA
0	0	0	0.16	NA	NA
0.16	0.21	0.17	0.09	-0.53952	0.412337
0	0	0	0	NA	NA
0	0	0	0	NA	NA
12.72	9.12	10.42	10.59	0.488388	0.234603
0.15	0.33	0.4	0.68	-0.00767	0.994915
1.31	0	0.21	0.74	-0.46866	0.528371
0.27	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.17	0	NA	NA
0.16	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0.23	0.08	0.39	0	-0.43574	0.553808
2.44	2.7	1.87	1.51	-0.09597	0.886055
3.72	5.5	7.01	5.71	0.2166	0.718036
0.23	0	0.23	0	NA	NA
0	0.11	0	0	NA	NA
0.05	0.14	0.19	0.17	0.68436	0.322614
0	0	0	0	NA	NA
0	0	0.11	0	NA	NA
0.51	0.49	0.57	0.45	0.144088	0.867339
0	0	0.02	0.05	NA	NA
0.23	0.98	0.89	0	0.288177	0.713454
0.4	0.29	0.67	0.23	-0.08824	0.925277
0.21	0.45	0.67	0	NA	NA
0	0.55	0.25	0.29	NA	NA
0	0.29	0	0	NA	NA
2.5	1.67	1.09	1.85	-0.54825	0.292384
0	0	0	0	NA	NA
0	0.14	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA

0.43	1.22	0	0.93	NA	NA
0	0	0.25	0.09	NA	NA
0.57	0	0	0	NA	NA
0.16	1.14	0.83	0.6	0.346393	0.661482
0	0	0	0	NA	NA
1.42	1.12	1.45	1.54	0.148387	0.715097
0	0	0.11	0	NA	NA
0.23	0.17	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0.03	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.39	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.12	0.49	0.75	0.66	-0.27002	0.569512
0	0.46	1.01	0.47	NA	NA
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
1.65	0.88	0.68	0.55	-0.78649	0.120648
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.27	0	0.28	NA	NA
0	0	0	0	NA	NA
0.12	0.03	0.03	0	-2.01026	0.000416
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.6	0	0.38	0	NA	NA
1.21	0.17	0.16	0.54	NA	NA
0	0	0	0	NA	NA
0	0.06	0.11	0	NA	NA
2.25	1.8	1.94	1.67	-0.26171	0.136969
0	1.71	0.33	0.51	NA	NA
0	0	0	0	NA	NA
0.09	0.08	0.07	0.1	-0.14471	0.81989
0	0.24	0.38	0.43	0.600734	0.382033
0.79	0.36	0.68	0.33	-0.13215	0.876951
0	0	0	0	NA	NA
0.2	0.43	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.26	0.09	0	1.296786	0.023993
0.34	0.27	0.34	0.39	-0.03893	0.946597
2.93	0.99	2.01	1.04	-1.08901	0.012568
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0	0.06	0 NA	NA
0.36	0.9	0.35	0.27 -0.00288	0.997599
0.39	0.28	0.52	0.2 -0.21136	0.805735
0	1.87	0.41	0 NA	NA
0.79	1.52	1.5	1.35 0.343013	0.379343
0.11	0.4	0.2	0.36 0.294795	0.694326
0	0	0.57	0 NA	NA
1.21	1.19	1.15	1.11 0.131177	0.786009
0	0	0	0 NA	NA
0.53	1.08	0.83	0.67 0.911146	0.145311
0.46	0.33	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.01 NA	NA
0.37	0.26	0.24	0.31 -0.58584	0.095658
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.86	0.31	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.76 NA	NA
0.25	0.4	0.66	0.12 -0.23187	0.776308
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.78	0.65	0.52	0.2 -0.24303	0.772425
1.85	1.76	1.51	2.14 0.107427	0.794039
0.43	0.28	0.15	0.14 -0.28228	0.730562
0	0.18	0	0.56 NA	NA
0.26	1.1	0.99	0.95 0.94406	0.13697
0	0	0	0 NA	NA
0.57	0.55	0.37	0.28 NA	NA
1.35	0.63	1.42	1.05 -0.22128	0.708566
0	0	0	0 NA	NA
0.58	1.25	1.14	1.6 0.957301	0.138575
0.24	0.26	0	0.18 NA	NA
0.48	0.11	0.74	0.12 -0.3852	0.618289
0	0	0	0.08 NA	NA
0.12	0	0.41	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.14	0 NA	NA
0	0	0	0 NA	NA
0.07	0.05	0.1	0.11 0.005913	0.995428

0.47	0.29	0.41	0.34	-0.35565	0.510958
0.04	0.04	0.02	0	NA	NA
0	0	0.08	0	NA	NA
0	0	0	0	NA	NA
0.06	0.09	0.08	0.13	0.370705	0.625633
0.68	0.53	0.58	0.48	-0.21929	0.663037
0	0.42	0.39	0	NA	NA
0.29	0.1	0.23	0.11	0.100219	0.912803
1.69	0.85	1.11	1.27	-0.0741	0.935649
0	0	0.28	0.16	NA	NA
0.49	0.23	0.11	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0	0.17	-0.11874	0.811556
0	0	0.1	0.11	NA	NA
0	0	0	0.2	NA	NA
0.17	0	0	0	NA	NA
0.19	0.14	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.39	0.57	0.41	1.140596	0.068513
0.23	0.98	0	1.02	0.473917	0.491004
0.03	0.03	0.04	0.02	NA	NA
8.54	4.17	9.29	6.96	-0.00316	0.996111
0	0	0	0	NA	NA
0.22	0	0.14	0.16	NA	NA
0	0	0	0	NA	NA
0.57	0.11	0.8	0.32	-0.30972	0.65944
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.35	0	0.22	1.04	NA	NA
0	0	0	0	NA	NA
0.09	0.26	0.12	0.28	NA	NA
2.37	0	0	1.58	NA	NA
0	0	0	0	NA	NA
0.45	0.32	0.53	0	NA	NA
0.77	0.75	0.88	1.37	-0.30331	0.585659
0.39	0.11	0.27	0.24	-0.34136	0.667682
0	0	0	0	NA	NA
0.14	0	0.29	0.16	NA	NA
1.4	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0.71	1.45	0.63	0.54	0.339622	0.658595

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0	0	0.26 NA	NA
0	0	0	0 NA	NA
7.63	10	8.57	8.13 0.132712	0.487067
0.19	0.13	0	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.97	0.69	0.89	0.35 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.82	0	0	0 NA	NA
0	0	0	0 NA	NA
3.01	3.52	2.92	3.43 -0.06206	0.915276
0	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0.21	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.81	9.22	8.12	6.24 -0.21273	0.496155
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.66 NA	NA
0	0	0	0 NA	NA
0	0.43	0	0.48 NA	NA
0.02	0.02	0.02	0.03 -0.45887	0.543914
0	0	0	0 NA	NA
1.25	2	2.17	1.88 0.800202	0.000357
0	0	0	0 NA	NA
20.46	0	0	0 NA	NA
0	0	0	0 NA	NA
21.79	22.96	25.1	28.25 0.173449	0.313974
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.06	0.02	0 NA	NA
1.92	1.55	0.88	0.73 -0.33311	0.629439
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.56	0.54	0.83 0.660722	0.327465
0.23	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0.24	0.09	0	0.09 NA	NA
0.08	0.06	0.14	0.09 -0.10883	0.905536
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	2.85	0 NA	NA
0	0	0	0 NA	NA
1.49	0.8	0.66	1.32 -0.1507	0.852311
0	0	0	5.29 NA	NA
0	0.26	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.96	0.69	0.46 0.374597	0.583836
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.08	0.05	0 NA	NA
0	0.12	0.53	0.54 NA	NA
0	0	0	0 NA	NA
0	0	1.33	0 NA	NA
1.11	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
1.19	1.02	0.95	0.68 0.068733	0.933507
0	0	0	0.26 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.34	0.37	0.33 -0.18733	0.741819
14.09	18.31	49.64	71.4 0.812667	0.181298
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.13	0.52	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.08	0 NA	NA
12.59	10.22	11.45	13.67 0.078841	0.873778
32.18	28.35	31.2	28.54 -0.02462	0.85662
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.29	0.42	0.39	0.71 -0.47947	0.505554
1.64	0.2	0.92	0.35 -0.96785	0.096599
0	0	0	0 NA	NA
0	0	0.42	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	1.57	2.8	3.02 NA	NA
0	0.04	0	0 NA	NA
0.02	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.36	0.17	0.29 0.548104	0.454251
2.5	2.39	3.27	3.12 -0.37325	0.40718
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0.61	1.64	1.11	0.92 -0.05639	0.948772
0	0	0	0.13 NA	NA

0	0	0	0 NA	NA
0.04	0.54	0.3	0.27 1.089646	0.079393
0	0	0	0 NA	NA
0.68	0.08	0.25	0.2 -0.97323	0.11359
0	0	0	0 NA	NA
0	0.19	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0.47	0 NA	NA
0.26	0	0	0 NA	NA
0	0	0	0 NA	NA
1.81	2.33	2.22	2.53 0.357708	0.167215
0.2	0.15	0.53	0 NA	NA
0.05	0.02	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0.09	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
30.81	26.22	25.29	27.84 -0.17377	0.190058
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	1.49	0.77	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.05	0.19	0.45	0.19 -1.64228	8.67E-05
0	0	0	0 NA	NA
0.03	0.07	0	0 NA	NA

0.68	1.7	1.43	1.11	0.958159	0.101801
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.41	8.36	8.96	8.84	0.020474	0.944721
0	0	0	0	NA	NA
0	0.09	0.43	0.49	0.367464	0.621469
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.7	0	1.79	NA	NA
0	0	0	0	NA	NA
0	0.42	0.68	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0.21	0	NA	NA
0	0	0	0	NA	NA
0	0	0.22	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0.33	0.09	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.44	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.47	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.24	0	0	NA	NA
0.16	0.11	0.1	0.12	NA	NA
0	0.22	0	0.46	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.09	0.05	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.83	7.67	9.62	9.23 -0.63684	4.65E-09
0	0	0	0 NA	NA
0	0.1	0	0 NA	NA
0.13	0.05	0.02	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.53	0	0.39	0.73 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.15	6.19	4.43	6.57 0.024962	0.902417
0	0	0	0 NA	NA
2.64	5.42	1.45	2.42 0.042037	0.961386
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.29	0.27	0.47 -0.10886	0.87997
0.13	0.36	0	0.1 NA	NA
0	0	0	0 NA	NA
0.13	0	0.35	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.87	0.39	0.45 NA	NA
0	0	0	0.25 NA	NA

0.07	0	0	0 NA	NA
0.23	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.34	0.3	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.28	9.43	7.65	9.19 1.213146	4.96E-06
0	0.47	0	2.53 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.26	0.13	0.22 0.324601	0.659977
0.48	0.47	0.43	0.5 -0.38156	0.33195
0	0	0	0 NA	NA
0	0	0	0 NA	NA
19.84	9.54	9.73	11.87 -0.97418	9.33E-18
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.04	1.85	2.49	2.59 -0.03686	0.931254
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.11	0.22	0.21 0.4918	0.496155
0.05	0.07	0.05	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.08	0.06	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.19	0.09	0.4 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0.64	0.23	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.24	0.04	0.06 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
11.46	9.79	7.7	8.67 0.386325	0.031562
0.04	0.03	0.12	0.07 NA	NA
1.36	0.32	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0.12 NA	NA
0	0	0	0 NA	NA
1.46	1.68	1.23	1.19 -0.61778	0.00859
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0.21	0 NA	NA
0	0	0	0.45 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.17	10.69	11.11	9 -0.23909	0.405702
0	0	0.14	0.49 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0.04 NA	NA
0	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.08	2.2	1.79	4.09 -0.55442	0.264852
0	0	0	0 NA	NA
0.1	0.1	0.07	0.09 -0.29183	0.713701
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0.09	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.33	0.14	0.21	0.28	-0.39999	0.557456
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.8	0.89	2.07	2.04	0.038954	0.944533
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0.19	0.25	0.18	-0.26169	0.698705
0	0.87	0.21	0	NA	NA
0	0.22	0	0	NA	NA
0.54	1.32	1.32	1.29	1.030568	0.001625
0.75	0	0	0	NA	NA
0	0	0	0	NA	NA
36.88	1.64	7.76	17.96	NA	NA
0	0.12	0.53	0.54	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0	0.37	0.33	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.53	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.95	0.49	0.69	0.97	-0.16406	0.801901
0	0.14	0.07	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.34	0.78	0.95	0.67	-0.34745	0.612623
0	0	0	0	NA	NA
0	0	0.27	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
8.34	6.75	10.11	9.53	0.160028	0.523123
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.13	0.04	0.1	0.02	-0.53254	0.467987
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0.26	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.31	0.36	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.31	0	NA	NA
11.86	9.15	12.14	11.82	-0.16055	0.37382
0	0	0.18	0.38	NA	NA
0	0	0.15	0.35	NA	NA
0.04	0.08	0.12	0.03	NA	NA
0	0	0	0	NA	NA
16.75	14.76	14.95	15.45	-0.14193	0.298406
0	0	0	0	NA	NA
0.34	0.51	0.29	0.2	-0.11466	0.899594
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.83	5.49	6.39	5.26	1.26585	0.003411
0	0	0	0	NA	NA
0.22	1.7	2.09	0.96	-0.10018	0.909331
0	0	0	0	NA	NA
3.52	5.6	4.65	5.21	0.33063	0.249781
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.57	0.39	0.3	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.53	0.54 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.42	0.32	0.16 0.969326	0.048748
0	0	0	0 NA	NA
11.81	11.33	8.85	11.3 -0.27629	0.078783
0	0	0	0 NA	NA
3.3	1.39	2.06	1.23 -0.82051	0.035551
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.99	0.79	0.85	0.88 -0.14575	0.657873
0	0.01	0.04	0.21 NA	NA
0	0	0	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0	0	0 NA	NA
0	0	0	0.25 NA	NA
0	0	0	0 NA	NA
0	0.2	0	0.21 NA	NA
0.22	0.55	0.24	0.35 0.3444	0.664963
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.25	0.11	0.13 NA	NA
1.65	0.45	1.52	1.25 0.049111	0.954245
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0.27	0.19	0.18	0 NA	NA
0.32	0.11	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.02	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0.28	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.22	1.18	1.02	1.21 -0.46616	0.238892
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.25	0	0.39 NA	NA
0	0	0	0 NA	NA
0	0	0	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.77	1.47	0.62	1 0.318516	0.479793

0.1	0.13	0.07	0.04	-0.52792	0.453585
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0	0.33	NA	NA
0	0	0	0	NA	NA
1.2	1.3	0.69	0.78	0.082093	0.92421
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0	0.96	0.28	0.48	NA	NA
0	0	0	0	NA	NA
0.02	0.02	0.03	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.16	0.15	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.91	3.98	7.96	6.12	0.041841	0.941387
0	0	0	0	NA	NA
2.05	1.02	1.65	1.97	-0.35028	0.657838
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.13	1.34	3.25	2.34	-0.22256	0.750013
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0.42	0.23	0.29	NA	NA
0	0	0	0	NA	NA
2.36	2.09	2.38	2.59	0.189252	0.578667
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
7.21	2.86	0	0 NA	NA
2.53	2.7	3.11	3.04 -0.03874	0.924712
0	0	0	0 NA	NA
0.85	0.76	0.28	0.48 -0.4567	0.546988
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.26	0.23	0 NA	NA
1.03	3.05	2.95	2.33 0.525793	0.471929
0	0.12	0.53	0.54 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.03	0.13	0 NA	NA
0	0	0	0 NA	NA
0	1.26	0	0 NA	NA
0	0	0	0.75 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0.59	0.29	0.43	0.61 -0.17958	0.804429
0	0.12	0.11	0.49 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.47	0.28	0.32 NA	NA
0	0	0	0 NA	NA
0.34	0	0.11	0 NA	NA
1.11	1.95	1.72	2.05 0.59711	0.292047
0	0	0	0 NA	NA
0	0	0	0 NA	NA
14.09	18.31	49.64	71.4 0.812667	0.181298
0.84	0.15	0.68	0 NA	NA
0	0	0	0 NA	NA
0.21	0.08	0.11	0.22 -0.80124	0.168047

0	0	0	0 NA	NA
0.47	0.76	0.56	0.58 -0.0319	0.95613
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0.19	0.65 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.28	0.12 0.376103	0.601538
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.32	0.14	0 NA	NA
0.12	0.41	0	0.38 NA	NA
0	0.24	0	0.34 NA	NA
0	0	0	0 NA	NA
0.16	0.05	0.03	0.01 -0.81384	0.22556
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.63	0	0 NA	NA
0.81	0.65	0.82	0.73 0.150312	0.827131
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.01	0.03	0.02	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.31	0.19	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0.14	0.19	0.23 -1.08924	0.00674

0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
20.08	18.76	18.37	18.74	-0.0921	0.37676
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0.12	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
15.22	15.26	13.75	15.24	-0.09118	0.451091
0	0	0	0 NA	NA	
0.72	1.19	0.62	0.86	0.663499	0.321344
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
11.79	9.86	10.27	10.97	-0.11854	0.38188
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
1.4	0	0.57	0.34	NA	NA
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
8.79	8.8	9.14	10.76	0.041114	0.868389
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0	0 NA	NA	
0	0	0.04	0.01	NA	NA
0	0	0	0 NA	NA	

0.74	0.53	0.46	0.81	NA	NA
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0	0.26	0	NA	NA
0.24	0	0.26	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.09	0.1	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.61	0.28	0.4	0.502903	0.497731
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.56	0.31	0.08	0.29	-0.16906	0.848408
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0.02	0.03	NA	NA
0	0	0.15	0.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
7.02	2.28	4.95	3.55	-1.00322	2.77E-07
0	0.54	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0.63	0.35	1.66	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
2.27	0.79	1.23	1.14	-1.27265	1.52E-08
0.07	0.05	0.39	0.05	-0.50523	0.494244
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.12	0.19	0.08	-0.10614	0.904253
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.13	0.05	0.03	-0.53286	0.466968
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.16	0.23	0.22	0.37	NA	NA
0.02	0.02	0.01	0.07	-0.42734	0.566853
1.37	2.61	0	2.37	-0.4526	0.54119
0.11	0.08	0	0	NA	NA
0	1.57	2.8	3.02	NA	NA
0	0	0	0	NA	NA
0	0.11	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.36	0	0.68	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0.01	0	NA	NA
0	0	0	0	NA	NA
0.24	0.17	0.07	0.13	-0.39251	0.56904

0.16	0.12	0	0.12	NA	NA
0	0	0.15	0.34	NA	NA
0	0	0	0	NA	NA
0.29	0.1	0.1	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.07	0.04	0.03	-0.42917	0.571644
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.17	0.29	0.15	0.26	0.11368	0.90035
0	0	0	0	NA	NA
2.15	2.68	2.46	2.56	0.183445	0.696126
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.36	3.34	3.01	4.02	0.090635	0.737009
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.06	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.13	0	0.14	NA	NA
0	0	1.12	1.42	NA	NA
0	0	0	0	NA	NA
0.12	0.07	0.04	0.01	-0.69828	0.31492
0.86	0.25	0	0.13	NA	NA
0	0.39	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.13	0.06	0.23	NA	NA
0	0	0	0	NA	NA
1.64	1.64	2.47	1.23	0.364738	0.605502
1.99	5.28	3.7	4.96	1.130081	0.005595
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.41	3.93	3.36	3.96	0.256033	0.294734
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.41	0.38	0 NA	NA
0	0	0	0 NA	NA
0	0.27	0.12	0.99 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.13	0.81	0.26 NA	NA
0	0	0	0 NA	NA
0.2	0.11	0.21	0.21 -0.51836	0.459051
0	0	0	0 NA	NA
0	0	0.03	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.79	1.58	0.93	1.07 0.001116	0.99898
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0	0.66	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	2.05	1.36	0.36 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.28	0.65	0.68	0.39 -0.45047	0.538693
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.53	0.54 NA	NA
0	0.02	0.03	0 NA	NA

0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0	0	0	0.36	NA	NA
0	0	0	0	NA	NA
0	0	0.11	0.51	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.26	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0.46	0.71	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.82	0.73	1.03	0.89	0.200008	0.745483
0.52	0.09	0.17	0.49	-0.29449	0.715207
0	0	0.22	0.13	NA	NA
0	0	0	0.49	NA	NA
0	0	0	0	NA	NA
0	0.03	0.07	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0	0.14	0.53	NA	NA
0.53	0	0	0	NA	NA

16.78	17.36	17.98	18.95	0.108208	0.492261
0	0.29	0.13	0.31	NA	NA
0	0	0	0	NA	NA
0.16	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0.09	0.02	NA	NA
0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.3	0.9	0.65	0.74	-0.71731	0.120936
0	0	0.09	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.24	0	NA	NA
2.53	2.75	2.92	2.38	0.388995	0.116976
0	0.12	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.09	18.31	49.64	71.4	0.812667	0.181298
0.14	0.2	0	0.43	NA	NA
0.13	0.23	0.21	0.15	0.622671	0.374842
2.06	1.73	2.27	2.66	0.157984	0.690133
2.9	1.39	1.51	1.39	-0.41428	0.462712
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.34	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.94	0.47	0.02	0.23731	0.71471
0.29	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.68	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0.23	0.68	0.9	0.77	0.932258	0.015895
0	0	0	0.77	NA	NA
1.02	2.75	0	0	-0.0445	0.926611
0	0.09	0.34	0	NA	NA
0.33	0.24	0.07	0.08	NA	NA
32.36	23.86	21.44	27.45	-0.33343	0.028245
0	0.06	0	0	NA	NA
0.02	0.05	0	0.06	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0.46	0	0	NA	NA
0.46	0.41	0.15	0.35	-0.44791	0.554834
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.36	NA	NA
0.15	0.22	0.7	0.23	0.009851	0.992762
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.12	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.14	0.33	0.3	NA	NA
2.75	2.53	2.7	2.47	0.045196	0.928809
0	0	0	0	NA	NA
1.3	0.27	0.48	0.97	-0.49128	0.506994

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.01	0 NA	NA
0	0.85	0.52	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.51	3.21	1.96	3.1 0.191362	0.476104
0	0	0	0 NA	NA
0.16	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.74 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.13	0.2 NA	NA
0.69	0	0.15	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.05	0.05	0.06 NA	NA
0	0	0	0 NA	NA
16.06	11.36	12.23	10.66 -0.59549	2.02E-05
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.42	0	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.61	0.43	0.45	0.55 -0.50957	0.230308
5.34	8.33	6.34	7.03 0.505883	0.00463
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.26	0.33	0.6 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0.33	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0.39	0	NA	NA
0.32	0.35	0	0	NA	NA
0.16	0.08	0.21	0.04	NA	NA
0.3	0.13	0.06	0.13	-0.63576	0.327465
0	0	0	0	NA	NA
1.15	0.99	1.12	1.16	-0.49188	0.409477
0	0	0	0	NA	NA
1.87	1.64	3.93	6.19	0.515565	0.20776
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.71	0.46	0.71	1.381851	0.020601
0	0	0.07	0.1	NA	NA
0	0	0	0	NA	NA
0.62	0.48	0	4.19	NA	NA
0	0	0	0	NA	NA
0.17	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.95	0.88	0.54	0.82	0.01026	0.992146
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
5.09	0.84	3.19	2.82	-1.13378	0.004285
0	0	0	0	NA	NA
0.1	0.08	0	0	NA	NA
0.18	0.21	0.05	0.11	-0.27799	0.734939
25.63	4.79	7.41	7.11	-1.76085	1.05E-25
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.37	0.35	0	0.75	NA	NA
0	0	0	0	NA	NA

0.79	0.31	0.59	0.47	-0.2746	0.731121
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.01	1.96	3.19	3.32	-0.43334	0.060282
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.49	1.05	0.94	0	-0.01756	0.986207
0	0	0	0	NA	NA
0	0	0	4.34	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	2.48	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
104.17	94.49	112.64	122.06	0.454039	0.035335
0	0	0	0	NA	NA
0.95	0	0.39	0.44	-0.9176	0.160635
0	0	0	0	NA	NA
0	0	0	0.82	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0	0.04	0.04	NA	NA
0	0	0	0	NA	NA
0.21	1.06	0.35	0.48	0.376285	0.625329
0	0	0	0	NA	NA
1.72	0	0	0	NA	NA
0.24	0	0.63	0	NA	NA
0	0	0	0	NA	NA
0	1.01	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.24	NA	NA

0	0	0	0	NA	NA
0.92	0.22	0.4	0.35	-0.99715	0.115981
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.16	4.15	3.74	4.03	0.07288	0.791573
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.76	0.86	0.82	0.83	0.12471	0.777473
0	0.33	0	0	NA	NA
0	0.07	0	0	NA	NA
0.07	0.02	0.08	0.02	NA	NA
0.71	0.76	0.5	0.93	0.304672	0.580536
0	0	0	0	NA	NA
0.34	0.41	0.75	1.1	0.454609	0.522846
0.35	0.76	1.5	0.92	0.625447	0.374298
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.04	NA	NA
0	0	0	0	NA	NA
0.68	0.58	0.78	0.61	-0.09925	0.895678
0	0	0	0	NA	NA
0	0	0.08	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
24.88	24.65	22.82	24.07	-0.02242	0.925102
0	0	0	0	NA	NA
20.67	18.36	17.81	20.37	-0.09031	0.408127
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.22	0	0.26	NA	NA
0	0	0	0	NA	NA
0.29	0.3	0.22	0.39	-0.06462	0.942206
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0	0	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0	NA	NA
0.21	0.24	0.31	0.32	-0.13315	0.871984
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.07	0.07	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	0.33	0	0.69	NA	NA
0	0	0	0	NA	NA
0.85	0.55	0.67	0.72	-0.36916	0.308927
0	0	0	0	NA	NA
0	0.37	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.17	0.08	0.27	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0	0.13	0.11	NA	NA
0	0.05	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.12	0 NA	NA
0	0	0.15	0 NA	NA
0	0	0	0 NA	NA
4.03	0.67	0	1.85 NA	NA
0	0.21	0.1	0.11 NA	NA
0	0.03	0.09	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.23	0 NA	NA
0	0	0	0 NA	NA
2.07	0	0	0.92 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.47	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.65	0.54	0.47	0.55 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.24	0.27	0.03 0.040281	0.96662
0	0	0	0 NA	NA
0.1	0.07	0.18	0.2 0.049228	0.956864
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0	0.09	0 NA	NA

0	0	0	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0	0	NA	NA
0.87	2.96	1.55	0.81	0.809897	0.217474
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.41	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.08	0.04	0.04	-0.99339	0.120936
0	0	0	0	NA	NA
4.64	5.49	5.05	5.49	0.350972	0.032444
0	0	0	0	NA	NA
9.7	12.64	11.51	12.22	0.342922	0.001836
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.18	NA	NA
0	0	0	0	NA	NA
0.03	0	0.07	0.04	NA	NA
0	0	0	0	NA	NA
0	0.35	0	0	NA	NA
0	0	0	0.03	NA	NA
0.51	0.54	0.56	0.45	-0.04391	0.944474
0	0	0.68	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.12	0.53	0.54	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.03	0.08	0.03 -0.80687	0.225539
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0	0.13 NA	NA
0.39	0.29	0.35	0.36 0.243255	0.70062
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0.67	0.51	0.61	0.73 -0.46889	0.081061
0	0	0	0 NA	NA
0	0	0.05	0.05 NA	NA
0	0	0	0 NA	NA
0.3	0.21	0.35	0.23 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0	0	0.27 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.11 NA	NA
0	0	0	0 NA	NA
0.8	1.1	0.65	0.8 NA	NA
1.03	0.94	0.48	1.06 -0.13448	0.874689
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.41	0.29	0.21	0.23 NA	NA
4.92	0.67	1.31	0.05 -1.32792	0.013166
0	0	0	0.11 NA	NA
0	0.09	0	0.09 NA	NA
0	0	0	0 NA	NA

2.65	4.66	5.56	4.91	0.609715	0.092442
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.52	0.54	0.54	0.53	0.175145	0.783713
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0.17	0.15	0.53	NA	NA
0	0	0	0	NA	NA
0	0.96	0	0	NA	NA
0	0	0.83	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.25	0.55	0.34	0.39	NA	NA
0	0	0	0	NA	NA
0	0	0.12	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.33	0.12	0.11	0.37	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0	0.08	0 NA	NA
0.25	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.12	0.32	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	3.37	0 NA	NA
0.05	0.07	0.06	0.03 NA	NA
0.22	0.16	0.15	0 NA	NA
0	0.34	0	0.18 NA	NA
0.03	0.04	0.03	0.04 -0.43761	0.498577
0.55	0.47	0.58	0.62 -0.07744	0.921574
0	0	0.27	0 NA	NA
0.23	0	0	0 NA	NA
0.46	0	0.46	0.51 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.37	3.69	5.43	3.03 -0.03909	0.95613
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.25	0.29	0.12 0.728282	0.273773
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.25	0.11	0.11 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
1.77	1.25	9.18	7.55 0.911924	0.153319
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	10.76	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.25	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	9.42	0	0 NA	NA
0	0.2	0	0.42 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
31.98	23.07	20.06	24.84 -0.22824	0.06191
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	1.86	0.44	0.41 0.164717	0.844837
5.18	4.68	4.2	4.46 -0.14515	0.572217
0	0	0	0 NA	NA
0.18	0.88	0.69	0.53 0.827458	0.211251
2.72	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.14	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.63	0.07	0.41 1.555455	0.007134
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.86	1.37	0.64	0.3 -0.67345	0.289347
0	0	0.21	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.1	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.56	0 NA	NA
0.32	0.58	0.43	0.44 0.11633	0.863135
0	0	0	0 NA	NA
0.16	0	0	0 NA	NA
0	0	0	0 NA	NA
2.78	4.51	4.03	3.85 0.53684	0.077352
0.29	0.2	0.21	0.2 -0.10118	0.898268
0	0	0	0 NA	NA
0.02	0.01	0.02	0.04 NA	NA
0.05	0.02	0.03	0.04 -0.61334	0.382561
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.25	0.15	0.23 -0.49301	0.376582
3.34	5.81	4.43	5.13 0.517395	0.009279
0	0	0	0 NA	NA
0	0.39	0	0 NA	NA
0	0.14	0.38	0.14 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.09	0.05 NA	NA
0	0	0	0 NA	NA
0.47	0.31	0.21	0.22 -0.91952	0.07962
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
12.66	6.16	0	10.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0	0.12 NA	NA
0.16	0.16	0.23	0.24 -0.07673	0.924604
0	0	0	0 NA	NA
16.09	15.64	17.27	15.51 0.032376	0.868389
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.44	2.3	6.51	5.51 1.253943	0.027451
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA

0	0	0	0	NA	NA
0.23	0.16	0	0.34	NA	NA
0	0	0	0	NA	NA
0	0.08	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0	0	NA	NA
0.31	0.38	0.24	0.1	0.006837	0.995073
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.15	0.31	0.1	0	NA	NA
0	0	0.16	0	NA	NA
0	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.4	0.51	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
23.77	26.82	26.98	29.88	0.260394	0.015425
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.07	NA	NA
0	0	0	0	NA	NA
0.29	0.1	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.96	1.26	1.1	1.2	0.043262	0.935649
0.23	0.13	0.34	0.3	-0.00781	0.992113
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.07	0.1	NA	NA
0.13	0	0	0.29	NA	NA
0	0.03	0	0.04	NA	NA
0.72	0.31	0.41	0.5	-0.92383	0.047797
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.3	0.17	NA	NA

0	0	0	0 NA	NA
0	0	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0	0 NA	NA
0.16	0.09	0.13	0 -0.45269	0.547588
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.22	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0.16	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.39	0.3 NA	NA
0.47	0.34	0.19	0.36 -0.07938	0.933708
0	0	0	0 NA	NA
0	0	0	0.36 NA	NA
0.32	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.35	0.6	1.06 NA	NA
0.43	0.62	0.48	0.11 -0.48214	0.519862
0.6	0	0.36	0 NA	NA
0.18	0	0.24	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.48	1.13	0.4 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.01 NA	NA
4.37	4.21	4.12	4.52 -0.02276	0.940484
0	0	0	0 NA	NA
0.24	0.17	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0.16	0.05	0.14 -1.22839	0.033854
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0	2.07	0	5.8 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.48	0	0.91 NA	NA
0.35	0.19	0.7	0.33 -0.06103	0.948247
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0.06	0.09	0.06 0.706719	0.303045
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.33	0.2	0.26 0.715684	0.246167
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.19 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0	0 NA	NA
0.25	0.18	0.16	0.75 NA	NA
0	0	0	0 NA	NA
0.13	0	0.07	0.02 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.29	0 NA	NA
0.23	0.2	0.22	0.04 -0.22617	0.79079
0.27	0.09	0.21	0.08 -0.93604	0.124742
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.99	1.02	2.51 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.38 NA	NA
0.46	0	0	0.46 NA	NA
0.46	1	0.15	0 -0.34517	0.652879
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.51 NA	NA
0	0	0	0 NA	NA
0	0.27	0.23	0.55 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.71	0.87 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.21	0.2	0.3 NA	NA

0.52	0.65	0.57	0.5	0.169176	0.79079
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.53	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0.28	0.21	NA	NA
0.4	0.14	0.26	0.6	NA	NA
0	0	0	0	NA	NA
0.37	0	0	0.06	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
14.09	18.31	49.64	71.4	0.812667	0.181298
0	0	0	0	NA	NA
0	0.06	0.28	0.1	NA	NA
0	0	0	0	NA	NA
0.43	1.37	0.69	0	-0.38944	0.616434
0	0	0.09	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.7	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.91	0.82	1.18	0.84	-0.26309	0.491401
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.59	0.68	1.02	0.54	0.639253	0.361693
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.21	0.17	0.15	-0.20688	0.80335
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.28	0.1	0.11	0.05	-1.2172	0.045109
4.05	5.21	7.76	6.79	0.878677	0.062632
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.26	0.45	0.04	0.44 0.668713	0.336283
0	0	0	0 NA	NA
0.92	0	0.88	0 NA	NA
0	0	0	0 NA	NA
0	0.12	0.53	0.54 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.5	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.17 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.18	0.19	0.27 0.039718	0.963961
0	0	0.54	1.68 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	2.56	1.06 NA	NA
0.67	0	0	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.31	0.37 NA	NA
0	0.51	0.45	1.32 NA	NA
1.51	0.4	0.92	0.74 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.48	0.87	1	0.82 0.149983	0.782812

0	0	0	0 NA	NA
9.87	13.6	11.53	11.59 0.097845	0.673103
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.18	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.69	0	0	0 NA	NA
0	1.53	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.09	0.09	0.43 3.81E-05	0.999931
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.62	0.22	0.41	0.7 -0.20812	0.809404
0.36	0.09	0.32	0.46 NA	NA
0	0	0	0 NA	NA
0.11	0.08	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.83	0.38	0	0.1 -1.55685	0.008182
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.46	0.56	0.64 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.01	0.01	0.01 NA	NA
0	0	0	0 NA	NA
0.8	0.56	0	0 NA	NA

0	0.12	0.53	0.54 NA	NA
2.84	81.63	73.05	95.02 NA	NA
0	0	0	0 NA	NA
6.87	7.52	7.22	7.54 0.156884	0.298406
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.55	1.06	0.45 -0.34301	0.637843
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.23	0.21	0.96 NA	NA
0	0	0.6	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0.11 NA	NA
0	0.47	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.51	0.19	0.76 0.561105	0.430561
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.43	0.26	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.98	0.77	0.72	0.56 0.115639	0.88961
0	0	0	0 NA	NA
0.95	0.94	0.94	0.94 -0.06432	0.818228

0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.36	0.16	0.35	0.39	-1.66286	0.001933
0	0	0	0	NA	NA
0	0	0.19	0	NA	NA
14.09	18.31	49.64	71.4	0.812667	0.181298
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.31	0	0.2	0	NA	NA
0.06	0	0.04	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0.76	0	NA	NA
0	0	0	0.25	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
9.73	10.89	13.48	13.63	0.223882	0.106774
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	2.11	0.88	1.25	2.366314	2.06E-09
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	7.48	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.61	1.54	0.77	1.1	0.822739	0.008302
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.27	0.17	0.04	0.177414	0.840447
0	0	0	0	NA	NA
36.1	35.91	31.3	32.03	-0.0101	0.948824
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.78	2.85	3.01	2.96	-0.15785	0.452969
0	0	0	0	NA	NA

0.22	0	0.35	0	NA	NA
0	0	0	0	NA	NA
0.04	0.47	0.13	0.65	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.8	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.07	0.03	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	7.75	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.18	0.26	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.78	0.92	0.98	0.22	-0.35058	0.649103
0	0	0	0	NA	NA
0.21	0	0.13	0.46	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.34	0	0	NA	NA
0	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.16	0.29	0 NA	NA
0	0	0	0 NA	NA
0.06	0.12	0.04	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	2.83	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.34	0.45	0.33	0.34 0.414874	0.316076
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.98	1.66	0.74	1.23 -0.06175	0.918874
0	0	0	0 NA	NA
14.78	16.97	18.69	17.5 0.24041	0.023075
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.31	0	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
3.16	1.9	2.16	2.09 -0.70691	0.063706
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.37	0	0 NA	NA
0	0.02	0.17	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0.08	0	0.08	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.17	0.12	0	0.38	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.71	1.23	0.96	1.51	-0.23131	0.58687
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.53	0.41	0.11	NA	NA
0	0	0	0	NA	NA
0.13	0.03	0	0.03	NA	NA
0	0	0	0	NA	NA
0.27	0	0.17	0.2	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.32	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.38	0	0.25	0.14	NA	NA
0.17	0.21	0.12	0.25	0.275293	0.729021
0	0	0.14	0	NA	NA
0	0	0	0	NA	NA
0.94	0.43	0.61	0.49	-0.4866	0.28384
0.12	0.26	0.24	0.28	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.31	0	NA	NA
0	0	0	0	NA	NA
0.49	0.9	0.65	0.97	0.936319	0.010081
19.54	11.04	12.89	11.92	-0.66879	3.88E-10
0	0	0	0	NA	NA
0.15	0.22	0.2	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	10.23	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0.08	0.13 NA	NA
0.09	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0 NA	NA
2.24	2.35	2.82	2.35 0.047684	0.917087
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.08	16.05	16.59	14.65 -0.16798	0.265705
0	0	0.38	0 NA	NA
0	0.05	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	1.29	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.4	0.46	0 NA	NA
0.02	0.04	0.02	0.01 NA	NA
0	0	0	0 NA	NA
0.87	1.72	1.72	2.18 0.981851	0.00348
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.09	0.14	0.19 -0.43707	0.562733
0	0.12	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0.03	0.06	0.09 NA	NA
0.06	0.02	0.02	0 NA	NA
0	0	0	0 NA	NA
0.88	0.58	0.47	0.71 -0.44926	0.375192
0.38	1.88	1.64	0.55 -0.05615	0.952639
0	0	0	0 NA	NA
0.4	0.74	0.52	0.97 0.369499	0.626917
0.07	0.22	0.16	0.05 0.295337	0.718036
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.28	0	0.19	1.28 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA

0.6	1.28	0.85	0.98	0.412036	0.593004
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0.02	0	0.02	0.04	NA	NA
0	0	0	0	NA	NA
0.33	0.12	0.18	0.21	-0.02538	0.978992
0	0	0	0	NA	NA
0.46	0.46	0.64	0.94	0.335455	0.569445
0	0	0	0	NA	NA
0.17	0.1	0.18	0.07	-0.29295	0.716647
0	0	0	0	NA	NA
0.11	0.04	0.18	0.17	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.66	1.73	1.72	0.396712	0.585659
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.11	NA	NA
0.05	0	0.05	0.1	NA	NA
0.25	0.1	0.11	0.15	-0.403	0.551069
0	0	0	0	NA	NA
0.02	0.02	0.05	0.04	0.50985	0.442695
0	0	0	0	NA	NA
0.05	0.04	0.1	0.15	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0.15	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0	0	NA	NA
1.96	2.16	1.81	2.27	0.423626	0.552951
0.36	0	0	0	NA	NA
1.15	0.64	0.49	0.58	-0.66686	0.059985
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.87	8.14	8.39	8.08 0.332099	0.066892
0.28	0.33	0.34	0.29 0.22853	0.752448
0.32	0.14	0.25	0.24 0.041017	0.96382
0.09	0	0	0.22 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.09	0.04	0.24 0.222607	0.794617
0	0	0	0 NA	NA
0.07	0.02	0.09	0.05 NA	NA
3.16	0.99	1.54	1.34 -1.11133	9.81E-06
0	0.02	0.04	0.02 NA	NA
0	0	0	0 NA	NA
0.04	0.08	0.06	0.04 NA	NA
0.36	0.4	0.21	0.58 -0.11443	0.898878
0	0	0	0 NA	NA
0	0	0	0 NA	NA
13.4	10.57	11.19	10.59 -0.42325	0.002379
0	0	0	0 NA	NA
0	0.04	0	0.04 NA	NA
0	0	0.07	0 NA	NA
0.23	0.43	0.31	0.69 0.158434	0.857277
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.31	0.07	0.33 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.01	0	0.03 NA	NA
0.07	0.13	0.17	0.1 NA	NA
0.13	0.26	0.18	0.44 0.44616	0.543006
0.09	0.15	0.18	0.02 0.093371	0.921574
0	0	0	0 NA	NA
0.57	0.16	0.24	0.21 -0.93146	0.073956
0	0	0	0 NA	NA

0.53	0.19	0.45	0.41	-0.15752	0.846993
0	0	0	0	NA	NA
0.04	0.13	0.27	0.11	0.30992	0.702467
0	0	0	0	NA	NA
0	0.37	0.31	0	NA	NA
0.72	0.38	0.57	0.34	-0.60453	0.191667
0.05	0.22	0.27	0.31	0.301203	0.712235
0	0	0	0.06	NA	NA
0.57	0.63	0.47	0.73	0.059431	0.930417
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.1	0.11	0.11	0.098314	0.757038
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0	0.02	NA	NA
0	0	0	0.01	NA	NA
0	0.02	0	0.02	NA	NA
0	0	0	0	NA	NA
0.65	0.16	0.7	0.49	NA	NA
0	0	0	0	NA	NA
0	0.07	0	0.06	NA	NA
0	0	0	0	NA	NA
0.44	0.48	0.64	0.65	0.653406	0.203686
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.71	0.61	0.69	1.643128	0.000809
0	0	0.44	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.02	0.08	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.91	1.21	1.59	1.8	-0.95511	0.001429
0	0	0.03	0	NA	NA

0	0	0	0.07	NA	NA
0.83	0	0.18	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.43	0.31	0.33	0.21	-0.35749	0.566853
1.28	0	0	0.28	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.18	0	0	NA	NA
0	0	0	0	NA	NA
0.84	1.12	1.09	1.48	0.044718	0.941019
0	0.25	0.21	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.41	0.59	1.48	0.15	0.117489	0.896708
0	0	0	0	NA	NA
0.06	0.15	0.15	0.04	0.079233	0.933107
0	0	0	0	NA	NA
0.22	0.28	0.32	0.18	NA	NA
0.76	0.42	0.54	0.58	-0.49835	0.367443
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.01	0.01	0.02	-0.22976	0.783598
0	0	0	0	NA	NA
0.77	0	0	0	NA	NA
0	0	0	0.5	NA	NA
0	0	0	0	NA	NA
0	0.11	0.04	0.02	NA	NA
0	0.02	0	0.02	NA	NA
0.16	0.1	0.11	0.18	-0.1825	0.674449
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.02	0.04	NA	NA
0.28	1.04	0.83	0.81	1.436682	0.000627
0	0	0	0	NA	NA
5.83	6.83	6.65	6.84	0.043807	0.886918
0.12	0.24	0.26	0.38	0.878047	0.120386
0	0	0	0	NA	NA
0.03	0.06	0.06	0.07	0.213513	0.791573
0.11	0.08	0.03	0.08	-0.23843	0.772334
0	0	0	0	NA	NA
0.4	0.53	0.67	0.95	0.365739	0.630291

3.48	2.95	2.22	3.45	-0.32586	0.222112
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.06	0.14	0.05	NA	NA
0	0	0	0	NA	NA
0.06	0.29	0.04	0.22	0.564662	0.411807
0.12	0	0.08	0	NA	NA
0.87	0.61	0.62	0.35	-0.27695	0.644832
0	0.01	0.01	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.07	0.02	0.02	0.027094	0.977746
0	0	0	0	NA	NA
0	0	0	0	NA	NA
3.23	2.85	2.75	3.04	-0.25438	0.330691
1.14	0.27	0.31	0.41	-1.59508	1.58E-05
0	0.21	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.06	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0.13	0.04	0.08	NA	NA
0	0	0	0	NA	NA
0.03	0.02	0.02	0.02	NA	NA
0.2	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.01	0.01	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.12	0.08	0.1	0.09	-0.15589	0.86041
0	0	0	0	NA	NA
1.71	0.3	0.53	0.31	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0.14	0.13	0	NA	NA
0.02	0.05	0.05	0.08	0.568252	0.428362
0	0	0	0	NA	NA

0	0.1	0.1	0.09	NA	NA
0.53	1.61	1.34	1.1	1.086018	0.015621
0.03	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.1	0.22	0.27	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0.02	0.02	0.02	0.495596	0.407801
0	0	0	0	NA	NA
0.14	0.22	0.13	0.17	0.187326	0.821682
0.13	0	0.11	0.07	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0.07	0.07	0.02	0.05	NA	NA
0	0	0.02	0.04	NA	NA
0	0	0	0	NA	NA
0.22	0.42	0.5	1.02	1.219484	0.044901
0	0	0	0	NA	NA
0.23	0.22	0.25	0.33	-0.02473	0.976795
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.02	0	0	0	NA	NA
0.08	0.06	0.1	0.08	-0.00817	0.992113
0	0.04	0	0.08	NA	NA
0.35	0.66	0.96	0.84	0.812998	0.153532
0.04	0.1	0.15	0.12	0.709658	0.301209
0.15	0	0	0.16	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.22	0.17	0.18	0.24	-0.03833	0.904541
0.05	0.08	0.07	0.09	NA	NA
0.03	0.02	0	0.02	NA	NA
0	0	0.01	0	NA	NA
0	0.01	0	0	NA	NA
0.13	0.08	0.1	0.17	-0.36576	0.616695
0.28	0.37	0.56	0.72	0.428526	0.390522
0	0	0	0	NA	NA
0.1	0.14	0.07	0.07	0.377803	0.626917
0	0	0	0	NA	NA
0.47	0.44	0.66	0.62	0.095725	0.866298
0.15	0.02	0.1	0.14	-0.32491	0.68611

0.16	0.11	0.35	0.12	NA	NA
0	0	0	0	NA	NA
0.06	0.16	0.13	0.2	0.312799	0.698623
0.13	0.28	0	0.29	NA	NA
0.24	0.18	0.02	0.14	-0.60261	0.38906
0	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0.58	0.93	1.02	1.26	0.530392	0.041779
0.1	0.07	0	0.08	NA	NA
0.04	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0	0.05	0	NA	NA
0.05	0.05	0.07	0.06	-0.07819	0.916858
0	0	0	0	NA	NA
0.1	0.07	0.03	0.04	-0.28231	0.731424
0	0	0.03	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.9	1.39	1.28	1.38	0.694321	0.101594
0.6	1.28	0.85	0.98	0.412036	0.593004
0	0	0	0	NA	NA
0.02	0.02	0.03	0.02	NA	NA
0.31	0.3	0.39	0.32	0.057771	0.933444
0	0	0	0	NA	NA
0.26	0.15	0.04	0.08	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.11	0.12	0.11	0.17	NA	NA
0.12	0.07	0.05	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.09	0.69	0.2	0.023114	0.980927
0	0	0	0	NA	NA
1.78	1.87	1.44	1.44	-0.2922	0.486991
0.62	0.12	0.23	0.45	-0.64102	0.291237
0.91	0.31	0.55	0.37	-0.82008	0.115611
0	0	0	0	NA	NA
0.2	0.29	0.17	0.43	-0.03346	0.972152
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.82	0.88	1.86	2.14 0.390785	0.59264
0.07	0.06	0.07	0.05 0.010978	0.991998
2.81	1.96	2.65	2.38 -0.18552	0.587397
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.12	0.08	0	0 NA	NA
0.18	0.14	0.24	0.11 0.067075	0.922339
0	0	0.04	0.02 NA	NA
0.15	0.25	0.23	0.23 -0.41107	0.559662
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0.16	0.03	0.05	0.02 -1.33358	0.021604
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0.14	0.08	0.08 -0.34605	0.65463
0.05	0.08	0.07	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.31	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.12	0.17	0.03 -1.12591	0.06099
0.64	0.35	0.37	0.21 -0.38935	0.556729
0	0.21	0	0.15 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.1	0.07	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.15	0 NA	NA
0.78	1.17	1.11	1.55 0.423032	0.323959
0.15	0.06	0.1	0.07 -0.28296	0.731121
0	0.09	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.89	15.61	8.12	10.43 -0.10357	0.895057
0	0.03	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.16	0.2	0.11 -0.37805	0.564856
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0.08	0	0 NA	NA
0.08	0	0.03	0.09 NA	NA
1.23	1.91	1.64	1.59 0.46083	0.16434
0	0.04	0.02	0.02 NA	NA
11.03	9.69	5.86	9.92 -0.28506	0.392428
0.05	0.03	0.03	0 NA	NA
0	0	0	0 NA	NA
0.56	0.28	0.36	0.46 -0.31483	0.62834
0.03	0.09	0.1	0.09 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.55	0.62	0.45 1.298922	0.014565
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.61	1.33	1.26	1.11 0.883152	0.029607
0.49	0	0	0 NA	NA
0.26	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0.02	0	0	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0.07	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0.14	0.19	0.11	0.29	0.179214	0.830802
0	0	0	0	NA	NA
0	0	0	0.1	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0.03	0.06	0.03	NA	NA
0	0	0	0	NA	NA
0.09	0.13	0.12	0.22	0.164631	0.850433
0.88	0.28	0.55	0.46	-0.69871	0.095483
0	0	0	0	NA	NA
0.15	0	0.05	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.18	0	0	0	NA	NA
0.15	1.01	0.4	0.57	0.837276	0.192354
0	0	0	0	NA	NA
2.7	2.17	2.46	2.72	-0.20558	0.345805
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.58	NA	NA
8.05	12.97	6.31	12.39	-0.03854	0.935474
0.36	0.11	0.14	0.14	-0.40363	0.590993
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.15	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.03	0.09	0.12 -0.53337	0.457266
0.06	0	0.04	0 NA	NA
0.19	0.18	0.42	0.39 0.736683	0.252508
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.25	0.2	0.28 -0.43638	0.32261
0.13	0.2	0.32	0.14 0.334281	0.662931
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
1.03	1.07	1.32	1.12 0.418286	0.308411
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.59	0.53	1.07 0.306038	0.623589
3.88	3.67	5.31	4.56 -0.19192	0.548249
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0.11	0.17	0.11	0.24 0.206365	0.804624
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.08	0.03 0.127218	0.887755
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0.09	0.06	0	0 NA	NA
0.08	0.4	0.19	0.16 0.744807	0.24954
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.46	0.34	0.47 0.782048	0.117992
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.02	0.04 NA	NA
0.11	0.03	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.09 NA	NA
0	0	0	0 NA	NA
0.04	0.12	0.05	0 NA	NA
0.67	0.19	0.36	0.58 -0.42695	0.459233
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.73	0.62	0.88	1.12 0.124856	0.846415
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.68	0.49	0.59	0.31 -0.00873	0.993624
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.23	0.27	0.19 0.392891	0.612027
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0.26	0.14	0.16 0.347122	0.652879
0.73	1.13	1.2	0.91 0.371116	0.340204
1.02	0.7	0.55	0.86 -0.18493	0.780423
0	0	0	0 NA	NA
0.13	0.33	0.11	0.32 0.456327	0.541089
0	0	0	0 NA	NA
0	0.08	0	0.12 NA	NA
0.05	0	0.06	0 NA	NA
0	0	0	0 NA	NA
8.38	4	3.15	3.12 -0.79931	0.067698
0.42	0.41	0.48	0.51 -0.03968	0.952539
0	0	0	0.02 NA	NA
0	0	0	0 NA	NA
0.33	0	0.17	0.1 NA	NA

0	0	0	0 NA	NA
0	0	0	0.39 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.06	0.12	0.16 0.287821	0.725731
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.01	0.01	0 NA	NA
0	0.07	0.04	0 NA	NA
0.16	0.09	0.15	0.06 0.057552	0.950846
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.04	0 NA	NA
0.06	0.09	0.11	0.37 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.06	0.06	0.14 0.291964	0.719609
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.22	0	0 NA	NA
0.23	0.05	0.05	0.15 -0.5016	0.499964
0.09	0.12	0.2	0.1 0.215855	0.786725
0	0	0.07	0 NA	NA
0.42	0.37	0.35	0.16 -0.07891	0.934202
0	0	0	0 NA	NA
2.92	4.21	3.41	4.16 0.446255	0.05946
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.45	0.13	0.13 -0.50336	0.496996
0	0	0	0 NA	NA
0.07	0.21	0	0.11 NA	NA
0	0.12	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.11	0.11	0.01 0.739042	0.276843
0	0.08	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0.05	0.05	0.11	0 NA	NA
0.04	0.06	0	0.03 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.04	0.01	0.05	0.03 NA	NA
0	1.55	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0.07	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.06	0.13	0.11 0.866968	0.178685
0.03	0.02	0	0.02 NA	NA
0	0	0	0 NA	NA
0.03	0.05	0.02	0.03 -0.09062	0.923907
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0.71	0.91	0.48	0.36 -0.26518	0.723985
0.07	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
0.14	0.05	0.07	0.16 -0.32591	0.684807
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.51	0.96	0.91	0.77 0.534167	0.196631
0.37	0.35	0.48	0.21 0.347508	0.660906
0	0.07	0.05	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0	0.14	0.1 -0.49393	0.504223
0	0	0	0.2 NA	NA
0.03	0.01	0.02	0 NA	NA
0	0	0	0 NA	NA
0.03	0.07	0.07	0.05 -0.38046	0.623698
0.12	0.17	0.1	0.11 0.204902	0.809116
0	0	0	0 NA	NA

0.02	0	0	0 NA	NA
0.35	0.1	0.1	0.12 NA	NA
0	0	0	0 NA	NA
0.25	0.58	0.17	0.33 0.747074	0.276638
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.12	0.11	0.09 -0.62669	0.373137
0.05	0.04	0.04	0.08 NA	NA
0.23	0.15	0.25	0.23 -0.32228	0.572396
0.02	0	0	0 NA	NA
0.15	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.19	0.11 NA	NA
0	1.53	1.47	1.2 2.40335	1.67E-06
0	0	0	0 NA	NA
0.08	0.06	0.08	0.06 NA	NA
0	0	0	0 NA	NA
2.04	0.49	0.96	1.84 -0.87771	0.047831
0.53	0.2	0.39	0.62 -0.32558	0.626626
0	0.02	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.02	0.04 NA	NA
0	0	0	0 NA	NA
0.22	0.1	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.38	0.61	0.79	1.05 1.010354	0.006794
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.57	0.19	0.48	0.47 0.127646	0.881283
0	0.07	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.16	0.35	0.34	0.23 0.123768	0.863484
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.11	0.13	0.21 0.049276	0.958771
0.1	0.36	0.21	0.62 0.392791	0.59844

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.06	0	0.04	0.02 -1.41732	0.011201
0	0.02	0.05	0.05 NA	NA
0.04	0.08	0.1	0.12 0.13618	0.878681
0	0	0	0.02 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0.41	0.15 -0.62086	0.3823
0	0	0	0 NA	NA
0	0.13	0	0.27 NA	NA
0.06	0.06	0.1	0.13 NA	NA
0.11	0.04	0.08	0.19 -0.26224	0.750321
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.17	0	0	0 NA	NA
0.18	0.69	0.56	0.37 0.671912	0.334808
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.65 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.15	0.13	0.17 0.073723	0.873361
0.13	0.06	0	0 NA	NA
0	0	0	0 NA	NA
0.77	0.47	0.45	0.73 0.107061	0.875208
0	0	0	0 NA	NA
0.32	0.32	0.41	0.5 -0.31801	0.633928
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.02	0.04	0.12 -0.67508	0.334924
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0.11	NA	NA
0	0	0.82	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.04	0.15	NA	NA
0	0	0	0	NA	NA
1.35	1.2	1.53	1.58	0.009038	0.980125
0	0	0	0	NA	NA
0.02	0.04	0	0.02	NA	NA
0	0	0	0	NA	NA
0.27	1.3	0.18	0.5	-0.18144	0.797808
0.12	0	0.16	0	NA	NA
0	0	0.04	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.08	0.01	0.06	0.05	-0.70967	0.30594
0	0	0	0	NA	NA
0.15	0	0.1	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.83	0.81	1	1.2	0.128387	0.801901
0.08	0.03	0.19	0.18	0.04811	0.959338
0.03	0.04	0.05	0.02	NA	NA
0.03	0.02	0.04	0.11	NA	NA
0	0	0	0	NA	NA
0.24	0.6	0.32	0.81	0.012638	0.990357
0.51	0.16	0.35	0.39	0.273975	0.737972
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.21	0.74	0.67	0.62	0.462119	0.537744
0	0	0	0	NA	NA
0.29	0.14	0.22	0.15	-0.516	0.434711
0.28	0.29	0.33	0.21	0.317785	0.662598

0	0	0	0 NA	NA
0.24	0.57	0.47	0.29 0.964142	0.101374
0	0.03	0	0 NA	NA
0	0	0.23	0.3 NA	NA
0.82	0	0.68	0.05 -0.42796	0.503848
0	0	0	0 NA	NA
0.02	0	0	0.01 NA	NA
0	6.78	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0.49	0.76	0.56	0.67 0.14272	0.787143
0.07	0.17	0.34	0.33 0.92676	0.145017
0.05	0.02	0	0 NA	NA
0.21	0.35	0.14	0.27 0.243843	0.772334
0	0	0	0 NA	NA
0.08	0	0	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.6	0.57	0.07	0.23 -0.26278	0.75134
0	0.14	0.02	0.08 NA	NA
0	0.03	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0.03	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.26	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.3	0.12	0.18	0.16 -0.06415	0.946597
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0	0.4	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.18 NA	NA
0	0.02	0	0 NA	NA
1.55	1.31	0.65	1.25 -0.05513	0.931635
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0.04	0.1	0.03	0.14 NA	NA
0	0	0	0 NA	NA
2.77	5.73	3.95	12.14 0.922936	0.147258
0.36	0.41	0.19	0.44 0.015272	0.986671
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.07	0.06	0 NA	NA
0.16	0.24	0	0.06 NA	NA
0.04	0	0.05	0.06 NA	NA
0.03	0	0.02	0.12 NA	NA
0.13	0.25	0.23	0.22 -0.32066	0.628307
20.46	10.96	10.87	9.53 -0.57362	0.084844
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0.13	0	0 NA	NA
0	0.1	0.02	0.02 NA	NA
0.06	0	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.3	0.27	0.32 NA	NA
0.08	0.03	0	0.06 NA	NA
0	0.41	0	0.11 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0.01	0.02 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0	0.02 NA	NA
0	0	0	0 NA	NA
3.96	2.85	2.93	3.88 -0.20728	0.333995
0	0	0	0 NA	NA
0.21	0.08	0.09	0.04 NA	NA
0.05	0.02	0.14	0.13 0.567519	0.422944
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.26	0.19	0.25	0.16 0.061796	0.948247
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.01	0 NA	NA
0	0	0	0 NA	NA

0	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.06	0.02	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.22	0.02	0.07	0.11 -0.54376	0.457712
0	0	0	0 NA	NA
0	0	0.09	0.07 NA	NA
0	0	0	0 NA	NA
0	0.14	0.13	0 NA	NA
0	0	0	0.01 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.29	0.09	0.06	0.06 NA	NA
0	0	0	0 NA	NA
0	0	1.36	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0.48	0.15	0.9 NA	NA
0.05	0.08	0.07	0.09 NA	NA
0.39	0.29	0.07	0.09 -0.42263	0.576805
0.2	0.03	0.03	0 -1.45254	0.014888
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0.04	0.05	0.17	0.05 NA	NA
0.08	0	0.06	0.04 NA	NA
0.02	0.01	0.03	0.03 NA	NA
0	0.09	0.08	0.21 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.05	0 NA	NA
0	0	0.16	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0.67	1.09	1.33 NA	NA
0	0	0	0 NA	NA
0.11	0.09	0.09	0.09 -0.19416	0.676615
0	0	0	0 NA	NA
0.06	0.61	0.66	0.5 1.284642	0.031887
0.01	0	0.01	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0.34	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.93	1.14	1.24	2.02 0.288809	0.681584
0	0	0	0 NA	NA
0.35	0.13	0.12	0.19 NA	NA
0	0	0	0 NA	NA
0.41	0.3	0.21	0.39 -0.44972	0.551292
0.09	0	0.06	0.07 NA	NA
0	0	0	0 NA	NA
0	0.02	0.01	0.01 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.2	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.09	0.05 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0.17	0.12	0	0.35 NA	NA
0.6	0.18	0.22	0.25 -1.38781	0.000374
0.01	0.02	0	0 NA	NA
0.12	0.09	0	0.09 NA	NA

0	0.02	0.02	0.08	NA	NA
0.31	0.06	0.08	0.03	NA	NA
0	0	0	0	NA	NA
0.37	0.23	0.31	0.22	-0.29895	0.523528
0.83	0.41	0.72	0.8	0.006766	0.992801
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.01	0	NA	NA
0	0.02	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.01	0	0	NA	NA
0	0	0	0	NA	NA
0.54	0.86	0.53	0.67	0.195403	0.747737
0	0.02	0.02	0	NA	NA
0.03	0.07	0.02	0.11	NA	NA
0	0.13	0	0	NA	NA
0.06	0.14	0.13	0.17	0.08194	0.931113
0	0	0	0	NA	NA
14.76	11.21	16.51	14.36	-0.23507	0.215606
0.03	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
1.35	1.44	1.32	1.22	0.009728	0.986207
0	0.01	0.03	0.06	NA	NA
0	0	0	0	NA	NA
0	0.15	0.04	0	NA	NA
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.1	0.02	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.03	0.02	0.1	0.06	0.598496	0.404623
1.93	3.27	2.74	3.91	0.765826	0.00462
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.21	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0.14	0	0.29	NA	NA
2.77	0	3.96	0.01	-0.2759	0.721754
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.03	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.09	0.17	0.08	0.05	NA	NA
0.2	0.11	0.16	0.09	-0.45148	0.548249
0	0	0	0	NA	NA
0	0.01	0	0.01	NA	NA
0	0	0	0	NA	NA
0	0.01	0.02	0	NA	NA
0	0	0.07	0.04	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0.03	0.06	0.209298	0.800959
0.02	0.02	0.09	0	NA	NA
0.01	0	0	0	NA	NA
1.24	1.61	0.76	0.55	0.036961	0.965199
0	0	0	0	NA	NA
0	0	0	0.03	NA	NA
0.36	0.15	0.29	0.18	-0.65981	0.269237
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.57	2.27	1.96	2.75	0.560136	0.011999
0	0	0.08	0.03	NA	NA
0	0	0	0	NA	NA
0.57	0.62	0.54	0.5	0.158305	0.813172
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.32	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0.24	0.21	0.25	0.27	-0.14383	0.666949
0	0	0	0	NA	NA
0.15	0	0	0.22	NA	NA
0	0	0	0	NA	NA
8.33	0.29	0.68	0.42	-4.09162	1.96E-114
0	0	0	0	NA	NA
5.1	5.3	3.95	5.23	0.519172	0.069681
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.39	0.7	0.83	0.63	-0.14572	0.866123

0	0	0	0 NA	NA
0.2	0.36	0.42	0.25 0.157451	0.801652
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.21	0.23	0.25 -0.15998	0.342304
0.09	0.06	0.08	0.11 -0.38904	0.615182
0.08	0	0	0.02 NA	NA
0.03	0.02	0.04	0.1 NA	NA
0.37	1.06	0.74	1.23 0.730242	0.209246
0	0.02	0	0.01 NA	NA
0.1	0.23	0.03	0.2 0.019894	0.98448
0.52	0.27	0.15	0.16 -0.84464	0.197633
0.01	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.4	0 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.55	0.66	0.61	0.78 0.105589	0.862624
0	0	0.57	0 NA	NA
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.2	0.21	0.15 -0.35683	0.50119
0	0	0.1	0 NA	NA
0.17	0.16	0.05	0.14 -0.10986	0.904541
0	0	0	0 NA	NA
0.76	0.62	0.36	0.53 -0.21854	0.718422
0	0	0	0 NA	NA
0.08	0.12	0.08	0.07 NA	NA
0.89	0.65	0.69	0.54 -0.41104	0.290936
0.04	0.03	0.03	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0.4 NA	NA
0	0	0.02	0 NA	NA
0	0	0.04	0 NA	NA
0.78	0.52	0.32	0.54 -0.50345	0.339493
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.23	0.49	0.53	0.09 0.514088	0.475626
0	0	0	0 NA	NA
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
1.06	0.92	0.92	0.52 -0.38953	0.436212

0	0	0	0 NA	NA
0	0.06	0.01	0 NA	NA
1.26	1.45	1.07	1.02 -0.04812	0.948254
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0	0.07	0 NA	NA
0	0	0	0 NA	NA
0.11	0.16	0.14	0.19 0.380575	0.592028
0.16	0.2	0.28	0.3 0.205456	0.795969
0	0	0	0 NA	NA
1	0	0.32	0.56 NA	NA
0	0	0	0.03 NA	NA
0.1	0.23	0.23	0.18 1.183293	0.006769
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.42	0.13	0.87 NA	NA
0	0	0.09	0.2 NA	NA
0	0	0	0 NA	NA
1.27	0.68	0.73	1.11 -0.14947	0.817219
0	0	0	0 NA	NA
0.72	1.84	1.72	1.8 1.314731	1.56E-10
0.62	0	0.38	0.45 NA	NA
0.36	0.07	0.1	0.14 -0.85732	0.184269
0	0	0	0.35 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0.44	1.06	0.56 NA	NA
0	0	0.04	0 NA	NA
0	0.05	0	0 NA	NA
0.37	0.18	0.11	0.3 -0.73703	0.219708
2.68	0	0	0.09 NA	NA
0	0.2	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0.39	0.45	0.58 0.346264	0.578548
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.06	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0.13	0.12	0.12	0.26 0.014481	0.988942
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.02	0.05	0.03 NA	NA
0	0.05	0	0 NA	NA
0	0.07	0	0 NA	NA
0.24	0.94	0.58	0.6 0.684852	0.185076
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.01	0 NA	NA
0	0	0	0 NA	NA
0.37	0.42	0.25	0.46 -0.1801	0.741461
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0.03	0.01	0.01 NA	NA
0	0	0	0 NA	NA
0.08	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.01	0.05	0.1 -0.13634	0.87881
0.23	0.24	0.16	0.4 -0.14401	0.857688
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.05	0.09	0.16 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.11	0 NA	NA
0	0	0	0 NA	NA

0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
16.47	15.02	15.87	15.46 -0.25098	0.163178
0	0	0.03	0.08 NA	NA
0.32	0.18	0.22	0.22 -0.39951	0.581813
0.35	0.66	0.96	0.84 0.812998	0.153532
0	0	0	1.28 NA	NA
0.57	0.59	0.39	0.69 -0.18639	0.761728
0	0	0	0 NA	NA
0.02	0.08	0.01	0.04 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.03	0.42	0.68	0.68 -0.38911	0.366441
0	0	0	0 NA	NA
0.21	0.33	0.31	0.27 0.527281	0.236538
0.02	0.03	0.02	0.02 NA	NA
0.37	0.23	0.75	0.59 0.081719	0.931771
0	0	0	0 NA	NA
0.69	0.94	0.72	1.18 0.383319	0.228299
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.37	0.42	0.33	0.62 0.28086	0.685479
0	0	0	0 NA	NA
0	0	0.03	0.03 NA	NA
0	0	0	0 NA	NA
1.56	1.84	1.74	2.15 0.549728	0.106776
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.08	0.13	0.04 0.314859	0.697198
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.06	0.03 NA	NA
0	0	0	0 NA	NA
0.81	0.59	0.2	0.39 -0.62506	0.360002

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0	0.12	0.35 NA	NA
0.15	0.33	0.08	0.19 0.162432	0.853146
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.02	0.05	0 NA	NA
0	0	0	0 NA	NA
0.02	0.03	0.04	0.05 0.143245	0.844671
0	0.03	0.04	0 NA	NA
0	0	0	0 NA	NA
0.11	0.04	0.04	0 NA	NA
0.23	0.19	0.09	0.08 -0.23903	0.776308
0	0	0.08	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.04	0.02 NA	NA
0	0	0	0 NA	NA
0.03	0.02	0.01	0 NA	NA
0	0	0	0 NA	NA
0.08	0.17	0.06	0.08 -0.17246	0.839676
0	0	0	0 NA	NA
0.12	0.06	0.05	0.09 NA	NA
0.45	0.19	0.47	0.49 -0.40884	0.532571
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.07	0.24	0.16 -1.0323	0.053493
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.03	0.05	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.04	0.11	0 NA	NA
0	0	0	0 NA	NA
0.12	0.18	0.04	0.09 0.244962	0.767408
0	0	0	0 NA	NA

0	0	0.05	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.08	NA	NA
0.06	0	0	0	NA	NA
1.05	1.24	1.75	1.42	0.274693	0.374491
0.12	0.12	0.13	0.12	-0.15593	0.757266
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.72	0.38	0.57	0.34	-0.60453	0.191667
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.15	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.24	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.67	0.92	0.79	2.11	-0.314	0.669626
0	0	0	0	NA	NA
0.05	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.13	0.19	0	0.2	NA	NA
0	0	0	0	NA	NA
0.19	0.14	0.13	0.18	-0.52893	0.359511
0.03	0.03	0.02	0.05	NA	NA
0.03	0	0.05	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.66	-0.07175	0.873287
0	0	0	0	NA	NA
0	0.08	0.04	0.1	0.89168	0.16179
0.3	0.56	0.09	0.36	0.634705	0.34291
0.01	0	0	0.04	NA	NA

0	0	0	0	NA	NA
0	0.06	0.34	0.17	NA	NA
0	0	0	0	NA	NA
0.91	0.3	0.55	0.5	-0.65708	0.092065
0	0.05	0.02	0.15	NA	NA
0	0	0	0	NA	NA
0	0.01	0.03	0.02	NA	NA
0	0	0	0	NA	NA
1.98	4	3.62	3.45	0.75352	0.020243
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.01	0	0	0	NA	NA
6.12	5.34	2.65	5.2	-0.13052	0.878681
1.54	2.21	1.65	2.19	-0.02075	0.968986
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.1	0	NA	NA
0	0	0	0	NA	NA
0.3	0.55	0.3	0.57	0.402249	0.598495
0.04	0.03	0.1	0.04	NA	NA
0	0.04	0.02	0.12	NA	NA
12.81	6.1	9.33	8.05	-0.73666	0.006116
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.03	1.17	1.31	1.54	-0.02781	0.951737
0.64	1.09	1.5	0.41	0.300396	0.603309
0	0	0.23	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.29	0.11	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.27	0.08	0	0	NA	NA
10.4	14.25	12.83	13.79	0.524573	0.000656
3.54	4.5	4.11	4.44	0.038371	0.878681
0	0	0	0	NA	NA
0	0.06	0.34	0.17	NA	NA
0	0	0	0	NA	NA
2.25	0.33	1.36	1.88	-0.35779	0.583792
3.08	2.6	2.73	3.08	0.009097	0.983825

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	1.58	1.8	1.07 1.528783	0.009746
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0	0 NA	NA
0	0	0	0.26 NA	NA
0.06	0	0	0 NA	NA
0	0	0	0 NA	NA
0.19	0.02	0.01	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
5.95	3.62	4.41	5.95 -0.59622	0.008664
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0.7	0.21	0.48	0.54 -0.87823	0.043702
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.14	0 NA	NA
0.28	0.16	0.17	0.21 -0.28189	0.643033
1.53	2.93	2.07	3.56 -0.01455	0.979168
0.87	0	0.5	0.28 -1.13571	0.067214
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.23	2.04	1.17	0.91 0.380035	0.617064
0	0	0	0 NA	NA
0.07	0.92	0.58	0.8 1.170649	0.019025
0.02	0.01	0.13	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0.04	0.13	0.14	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.05	0.01	0.05	0.01	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.06	0.34	0.17	NA	NA
1.42	1.35	1.26	1.4	0.02984	0.94992
0	0	0	0	NA	NA
0.69	0.27	0.54	0.56	-0.38433	0.513736
0.46	0.66	0.28	0.57	0.508273	0.438274
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.36	0.12	0.24	0.21	-0.75754	0.06368
0.21	0.07	0.1	0.05	-0.40384	0.582246
0	0	0	0	NA	NA
1.9	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.7	1.13	1.11	1.12	0.349315	0.361197
0.18	0.13	0.24	0	NA	NA
0.3	0.26	0.28	0.3	-0.00531	0.978563
0	0	0.02	0	NA	NA
0.91	3.44	0.41	1.09	0.188557	0.821129
0.18	0.22	0.28	0.12	-0.68457	0.291113
0.19	0.42	0.39	0.29	0.838299	0.191296
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.05	0.07	0.08	NA	NA
0.03	0.05	0.02	0.05	NA	NA
0	0.05	2.25	0.27	NA	NA
0	0	0	0.17	NA	NA
0	0	0	0	NA	NA
3.25	2.66	2.9	3.15	-0.10463	0.629904
0	0	0	0	NA	NA
3.56	4.34	3.45	1.8	-0.21589	0.674513
0.55	0.08	0.36	0.42	-0.39081	0.614758

0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.18	0	0.03	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.55	1.28	0.49 0.526092	0.475626
0	0	0	0.13 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0	0 NA	NA
0.21	0	0	0 NA	NA
1.28	0.65	1.08	0.5 -0.2626	0.59446
0.82	0.75	0.49	1.01 0.304938	0.630964
0	0	0	0 NA	NA
0.09	0.2	0.06	0.22 NA	NA
0.52	0.09	0.09	0.69 -0.63147	0.373564
0.04	0.18	0.12	0.1 0.16284	0.850555
0	0	0	0 NA	NA
0.22	0.05	0.09	0.15 -0.70686	0.284762
0	0	0	0 NA	NA
3.15	6.46	4.71	6.89 0.690506	0.0109
0	0	0	0 NA	NA
2.07	0.69	1.76	0.98 0.137485	0.876132
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
17.78	22.5	23.15	22.78 0.312042	0.005035
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.47	3.65	2.55	3.59 -0.2249	0.610599
0	0	0	0 NA	NA
0	0.07	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.03	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.03 NA	NA
0	0	0	0 NA	NA
0	0	0.3	0 NA	NA
0	0.07	0	0.08 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
4.56	0	0	0 NA	NA
0	0	0.16	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.04	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0.14 NA	NA
0	0	0	0.14 NA	NA
0	0.02	0.16	0.07 0.243229	0.770492
0	0.02	0	0.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0.11	1.13	0.52	1.45 1.568568	0.007804
0.6	0.04	0.37	0.29 -0.46602	0.527293
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.46	0.56	0.68	0.74 -0.0897	0.921012
0.13	0.07	0.18	0.05 NA	NA
0.1	0	0	0.14 NA	NA
0	0	0	0 NA	NA
0.19	0.34	0.13	0.12 -0.16807	0.846126
0	0.07	0.28	0.08 NA	NA
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
1.23	1.17	1.51	0.49 0.059675	0.94822
0	0	0	0 NA	NA
0.06	0.1	0	0.16 0.238525	0.771242
0.21	0	0	0 NA	NA
0.17	0.35	0.17	0.44 0.882591	0.165365
0	0.2	0	0 NA	NA
1.4	2.61	2.16	3.49 0.607952	0.002396
0.36	0.28	0.13	0 NA	NA

0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
1.97	0.54	0.88	0.47 -0.92909	0.017602
0	0	0.02	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.09	0.13	0.06	0.08 NA	NA
0	0	0	0 NA	NA
0.23	0.09	0.1	0.13 -0.62587	0.249736
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.36	0.39	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
6.76	4.5	5.46	8.27 -0.46495	0.04037
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.21	0.03	0	0.06 -0.74205	0.2488
0.01	0.37	0.4	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.19	1.68	1.47	2.16 -0.0769	0.918712
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.66	0.24	0.15	0.34 -0.70501	0.308338
0	0	0	0 NA	NA
4.06	3.6	3.35	3.39 -0.40149	0.02036

0	0	0	0 NA	NA
1.91	1.95	2.27	1.15 NA	NA
0	0	0	0 NA	NA
0.23	0	0	0.09 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
27.08	23.63	25.27	27.17 -0.0844	0.53739
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
13.86	11.03	11.26	18.43 -0.0281	0.941403
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.1	0.07	0.13	0 NA	NA
0.56	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.14	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.03	0.07	0.11 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.1	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.42	0.25	0.45	0.41 0.148383	0.867536
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.44	0.21	0.2	0 NA	NA
0	0	0	0 NA	NA

0.1	0	0.13	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.02	0	NA	NA
0	0	0	0	NA	NA
0.84	0.62	0.74	0.59	-0.28863	0.464526
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0	0	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.04	0.02	0.04	0.03	0.296901	0.710803
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.09	0.43	NA	NA
0	0	0	0	NA	NA
1.09	0.13	0.36	0.27	-0.82097	0.220817
0	0	0	0	NA	NA
0.12	0.16	0	0.22	-0.43398	0.567268
0	0	0	0	NA	NA
2.77	5.72	3.95	12.14	0.922936	0.147258
0	0	0.22	0.13	NA	NA
0.99	0.94	0.65	0.42	-0.05128	0.95471
0	0	0	0	NA	NA
0.03	0.03	0.04	0.03	NA	NA
0	0.07	0	0.04	NA	NA
0	0	0.35	0	NA	NA
0.04	0.09	0.06	0.13	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA

0	0	0.16	0 NA	NA
0	0.15	0.07	0 NA	NA
0	0.45	0.77	0.18 0.627982	0.370135
0.02	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.25	0.23	0.21 -0.00664	0.995254
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.09	0	0 NA	NA
0.76	0.18	0.31	0.18 NA	NA
0.75	0.83	1.09	1.06 0.250824	0.528371
0	0	0	0 NA	NA
0	0.26	0.19	0.2 1.187756	0.040233
0	0	0	0 NA	NA
0	0	0	0.57 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.08	0.12	0.16 -0.27299	0.741215
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.25	0.18	0.23	0.1 -0.19442	0.820426
0	0	0	0 NA	NA
0	0	0	0 NA	NA
1.38	0.91	1.09	1.04 -0.19153	0.70432
0	0	0.03	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	1.06	0 NA	NA
1.44	1.89	1.87	2.09 0.23776	0.458059
0.29	0.42	0.28	0.22 NA	NA
0	0	0	0 NA	NA
0.06	0.04	0.19	0.11 0.913298	0.161767

0	0	0	0	NA	NA
0.02	0.03	0.04	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.07	0.02	0.02	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0.11	0.58	0.97	NA	NA
0	0	0	0.05	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
7.31	11.12	7.07	4.05	0.37434	0.605502
0	0	0	0	NA	NA
2.16	7.16	4.63	4.51	0.497939	0.084206
0	0	0	0	NA	NA
0.21	0	0.05	0.32	0.016242	0.987051
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
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0	0	0	0	NA	NA
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0	0	0	0	NA	NA
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0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.77	0.54	1.03	0.56	-0.39475	0.449862
0	0	0	0	NA	NA
0	0	0.03	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
1.62	0.68	1.04	1.03	-0.65197	0.014341
0	0	0	0	NA	NA
0	0	0	0	NA	NA
53.13	36.16	41.4	37.83	-0.53926	1.02E-06
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0.38	0.37	0.52	0.75 0.364374	0.543636
0	0	0	0 NA	NA
0	0	0.13	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.08	0.06	0.34 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.02	0.45	0.53 -0.67282	0.321394
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.11	0.12	0.19	0.18 -0.35253	0.617648
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.07	0.02	1.11 0.27824	NA
0.06	0.23	0.17	0.2 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0	0 NA	NA
0	0	0	0 NA	NA
0.24	0.27	0.14	0.18 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0.53	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.11	0	0.07 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.02	0.05	0.06 0.046991	0.960529
0	0	0	0 NA	NA
0	0.04	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.04	0.07	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.05	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.62	0.46	0.74	0.57 0.189302	0.739854
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0.01	0	0.01 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.06 NA	NA
0	0	0	0 NA	NA
0	0	0	0.07 NA	NA
0	0	0	0 NA	NA
0.12	0.11	0.06	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.01	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.18	0.22	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0.04	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0.01	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.02	0.07	0	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.45	0.2	0.53	0.46 -0.28474	0.633536
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.06	0.03	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.2	0.21	0.07	0.14 -0.64619	0.318334
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.22	0.29	0.41	0.1 -0.26521	0.72924
0.27	0	0.12	0.03 -0.69304	0.312043
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.07	0.19	0.14	0.05 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.36	0.26	0.15	0.22 -0.40046	0.603087
0	0	0	0 NA	NA

1.14	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.06	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.1	0	0	0	NA	NA
0.22	0.04	0.05	0.22	-0.73938	0.273748
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
13.7	13.65	18.4	18.37	0.117426	0.719768
0	0	0	0	NA	NA
0	0	0	0.5	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0.07	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
4.22	6.9	6.5	6.43	0.278293	0.148627
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0.27	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0.05	0.03	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	1.67	5.31	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
0	0	0	0	NA	NA
2.05	0.45	0.91	0.54	-0.58038	NA
0	0	0	0	NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.35	0.08	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
10.82	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.14	0.1	0.18	0.11 -0.9733	0.101333
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.07	0.05	0.07 0.520547	0.469819
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.04	0.03	0.12	0.08 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.08	10.84	0	4.12 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0.04	0.12	0.22 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.13	0.02	0.14	0.04 -0.23179	0.775122
0	0	0	0 NA	NA
0.59	3.03	1.24	1.24 1.01529	0.015187
0	0	0	0 NA	NA
0	0	0	0 NA	NA
65	74.68	89.18	95.2 0.314415	0.037023
0.07	0.03	0.08	0.1 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
25.04	0	0	0 NA	NA
0	0	10.42	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.27	0.24	0.29	0.35 -0.51977	0.284869
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.15	0.38	0.34	0.38 0.895414	0.129963
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
2.09	1.26	1.61	2.05 -0.31356	0.570559
0.01	0.02	0.01	0.09 0.10217	0.910213
0.32	0.36	0.17	0.28 0.046564	0.959072
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0.24	0.43	0.05	0.11 -0.44389	0.556832
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0.02	0.04	0.02	0.02 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0.05	0.12	0.07	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
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0	0	0	0 NA	NA
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0	0	0	0 NA	NA
0.74	0.31	0.42	0.82 -0.4331	0.492131
0	0	0	0 NA	NA

0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA
0	0	0	0 NA	NA

