

gene	varName	xwindow	gene_name	gene_type	chr	start	end	strand	length	mean_cou	pct_less_t	Estimate	Std.Error	teststat	pval	qval	bonfppval
ENSG00000173585.11	TREATTXTPF-00547659 75mg	Week12	CCR9	protein_coding	chr3	45927996	45944667	+	2807	184.3779	0.005525	1.593805	0.173707	9.175234	7.50E-18	7.11E-13	7.11E-13
ENSG00000173585.11	TREATTXTPF-00547659 225mg	Week12	CCR9	protein_coding	chr3	45927996	45944667	+	2807	184.3779	0.005525	1.313056	0.178407	7.359898	1.78E-12	8.43E-08	1.69E-07
ENSG00000173585.11	TREATTXTPF-00547659 22.5mg	Week12	CCR9	protein_coding	chr3	45927996	45944667	+	2807	184.3779	0.005525	0.999538	0.175722	5.688166	3.05E-08	0.000964	0.002892
ENSG00000204599.10	TREATTXTPF-00547659 225mg	Week12	TRIM39	protein_coding	chr6	30294256	30311506	+	4249	1161.498	0	0.194882	0.038266	5.092787	6.25E-07	0.013609	0.059229
ENSG00000110042.3	TREATTXTPF-00547659 225mg	Week12	DTX4	protein_coding	chr11	58938903	58976600	+	6072	687.9337	0	0.477499	0.09429	5.06415	7.18E-07	0.013609	0.068045
ENSG00000205464.7	TREATTXTPF-00547659 225mg	Week12	ATP6AP1L	protein_coding	chr5	81575281	81682796	+	7185	50.12818	0.01105	0.694087	0.142939	4.855832	1.93E-06	0.030547	0.183284
ENSG00000156804.3	TREATTXTPF-00547659 225mg	Week12	FBXO32	protein_coding	chr8	124510129	124553446	-	7395	872.9326	0	0.463254	0.096297	4.810661	2.39E-06	0.03232	0.22624
ENSG00000100100.8	TREATTXTPF-00547659 225mg	Week12	PIK3IP1	protein_coding	chr22	31677579	31688520	-	3805	7283.712	0	0.454792	0.0952	4.777241	2.79E-06	0.033014	0.264114
ENSG00000236901.3	TREATTXTPF-00547659 225mg	Week12	MIR600HC	sense_intronic	chr9	125871773	125877756	-	5984	485.6696	0	0.642189	0.135416	4.742342	3.27E-06	0.034463	0.310167
ENSG00000273307.1	TREATTXTPF-00547659 225mg	Week12	RP11-58E2	lincRNA	chr14	50508361	50555893	-	534	4.693923	0.287293	0.765115	0.162367	4.712251	3.75E-06	0.035601	0.356008
ENSG00000135898.5	TREATTXTPF-00547659 225mg	Week12	GPR55	protein_coding	chr2	231772033	231825781	-	4130	293.2188	0	0.49091	0.106774	4.597655	6.31E-06	0.045675	0.597973
ENSG00000103222.14	TREATTXTPF-00547659 225mg	Week12	ABCC1	protein_coding	chr16	16043434	16236931	+	7575	2502.546	0	0.317078	0.069672	4.551034	7.76E-06	0.045675	0.736298
ENSG00000188822.6	TREATTXTPF-00547659 225mg	Week12	CNR2	protein_coding	chr1	24197016	24285549	-	5468	786.9757	0	0.50218	0.110511	4.544148	8.01E-06	0.045675	0.759171
ENSG00000152127.4	TREATTXTPF-00547659 225mg	Week12	MGAT5	protein_coding	chr2	134877554	135212192	+	8578	2830.033	0	0.30403	0.066912	4.543729	8.02E-06	0.045675	0.760586
ENSG0000005884.13	TREATTXTPF-00547659 225mg	Week12	ITGA3	protein_coding	chr17	48133332	48167845	+	9802	186.1304	0.001105	0.508317	0.112104	4.534328	8.36E-06	0.045675	0.792974
ENSG0000010319.2	TREATTXTPF-00547659 225mg	Week12	SEMA3G	protein_coding	chr3	52467069	52479101	-	5011	38.3989	0.01326	0.69734	0.15412	4.524667	8.73E-06	0.045675	0.827637
ENSG00000107263.14	TREATTXTPF-00547659 225mg	Week12	RAPGEF1	protein_coding	chr9	134452157	134615461	-	7123	9571.687	0	0.267105	0.059218	4.510505	9.29E-06	0.045675	0.881093
ENSG00000149485.8	TREATTXTPF-00547659 225mg	Week12	PRDM11	protein_coding	chr11	45115564	45247734	+	5527	132.4961	0.00221	0.42709	0.094719	4.509009	9.35E-06	0.045675	0.886931
ENSG00000107957.12	TREATTXTPF-00547659 225mg	Week12	SH3PXD2A	protein_coding	chr10	105348285	105615301	-	12436	533.7492	0	0.495823	0.110052	4.505362	9.50E-06	0.045675	0.901317
ENSG00000107021.11	TREATTXTPF-00547659 225mg	Week12	TBC1D13	protein_coding	chr9	131549483	131572711	+	3982	1851.701	0	0.229228	0.050982	4.496232	9.89E-06	0.045675	0.938315
ENSG00000269837.1	TREATTXTPF-00547659 225mg	Week12	RP11-15H;	pseudogene	chr19	23437855	23440741	-	2887	301.9768	0	0.47108	0.105081	4.483039	1.05E-05	0.045675	0.994366
ENSG00000167106.7	TREATTXTPF-00547659 225mg	Week12	FAM102A	protein_coding	chr9	130702858	130742792	-	6100	7490.061	0	0.493336	0.110316	4.472039	1.10E-05	0.045675	1
ENSG00000133627.13	TREATTXTPF-00547659 225mg	Week12	ACTR3B	protein_coding	chr7	152456834	152552463	+	6024	212.7072	0	0.260509	0.058273	4.470518	1.11E-05	0.045675	1
ENSG00000182319.5	TREATTXTPF-00547659 225mg	Week12	SGK223	protein_coding	chr8	8175258	8244008	-	4892	1131.961	0	0.424345	0.09557	4.440137	1.27E-05	0.047462	1
ENSG00000170260.4	TREATTXTPF-00547659 225mg	Week12	ZNF212	protein_coding	chr7	148936742	148952700	+	3182	851.5006	0	0.279957	0.063283	4.423919	1.36E-05	0.047462	1
ENSG00000162894.7	TREATTXTPF-00547659 225mg	Week12	FAIM3	protein_coding	chr1	207077731	207096592	-	2348	8873.392	0	0.445909	0.100927	4.418144	1.39E-05	0.047462	1
ENSG00000197283.8	TREATTXTPF-00547659 225mg	Week12	SYNGAP1	protein_coding	chr6	33387847	33421466	+	7013	1170.644	0	0.434529	0.098354	4.418031	1.39E-05	0.047462	1
ENSG00000268049.1	TREATTXTPF-00547659 225mg	Week12	CTD-2619;	antisense	chr19	58869365	58870969	+	1154	22.99116	0.026519	0.685595	0.155243	4.416271	1.40E-05	0.047462	1
ENSG00000107815.3	TREATTXTPF-00547659 225mg	Week12	C10orf2	protein_coding	chr10	102747124	102754158	+	3508	416.4409	0.001105	0.457375	0.103987	4.398395	1.52E-05	0.047462	1
ENSG00000159958.3	TREATTXTPF-00547659 225mg	Week12	TNFRSF13	protein_coding	chr22	42321045	42322822	-	926	229.9138	0.00442	0.653156	0.148584	4.39587	1.53E-05	0.047462	1
ENSG00000140326.8	TREATTXTPF-00547659 225mg	Week12	CDAN1	protein_coding	chr15	43015757	43029324	-	5428	607.1425	0	0.309647	0.070555	4.388728	1.58E-05	0.047462	1
ENSG00000177951.13	TREATTXTPF-00547659 225mg	Week12	BET1L	protein_coding	chr11	167784	207428	-	3868	2363.464	0	0.251167	0.057557	4.363794	1.76E-05	0.047462	1
ENSG00000161328.10	TREATTXTPF-00547659 225mg	Week12	LRRC56	protein_coding	chr11	537527	554916	+	2769	121.7127	0.003315	0.552075	0.126881	4.351111	1.86E-05	0.047462	1
ENSG00000126353.3	TREATTXTPF-00547659 225mg	Week12	CCR7	protein_coding	chr17	38710021	38721724	+	2508	8095.179	0	0.471174	0.108334	4.349294	1.87E-05	0.047462	1
ENSG00000246582.2	TREATTXTPF-00547659 225mg	Week12	RP11-1145	processed_transcript	chr8	23081984	23088439	+	2445	180.3293	0.00221	0.460306	0.105896	4.346784	1.89E-05	0.047462	1
ENSG00000120942.9	TREATTXTPF-00547659 225mg	Week12	UBIAD1	protein_coding	chr1	11333263	11356106	+	5082	1106.94	0	0.368893	0.084896	4.34569	1.90E-05	0.047462	1
ENSG00000157978.7	TREATTXTPF-00547659 225mg	Week12	LDLRAP1	protein_coding	chr1	25870071	25895377	+	5397	7052.822	0	0.386495	0.088963	4.344437	1.91E-05	0.047462	1
ENSG00000189319.9	TREATTXTPF-00547659 225mg	Week12	FAM53B	protein_coding	chr10	126307861	126432838	+	6424	6455.244	0	0.266653	0.06144	4.34003	1.95E-05	0.047462	1
ENSG00000083814.8	TREATTXTPF-00547659 225mg	Week12	ZNF671	protein_coding	chr19	58231119	58238992	-	3532	892.6398	0	0.295616	0.068204	4.334294	2.00E-05	0.047462	1
ENSG00000138002.10	TREATTXTPF-00547659 225mg	Week12	IFT172	protein_coding	chr2	27667238	27712656	-	8401	312.7724	0	0.397261	0.091775	4.328648	2.05E-05	0.047462	1
ENSG00000204252.8	TREATTXTPF-00547659 225mg	Week12	HLA-DOA	protein_coding	chr6	32971955	32977389	-	4012	1999.411	0	0.451968	0.104817	4.311981	2.20E-05	0.047462	1
ENSG00000230555.2	TREATTXTPF-00547659 225mg	Week12	RP11-517F	lincRNA	chr10	43916186	43917548	+	760	31.65193	0.01105	0.537199	0.124618	4.310769	2.21E-05	0.047462	1
ENSG00000188389.6	TREATTXTPF-00547659 75mg	Week12	PDCD1	protein_coding	chr2	242792033	242801060	-	2114	330.3768	0	0.529022	0.122758	4.309473	2.22E-05	0.047462	1
ENSG0000082014.12	TREATTXTPF-00547659 75mg	Week12	SMARCD3	protein_coding	chr7	150935850	150974982	-	5198	2218.819	0	-0.27882	0.064767	-4.30498	2.26E-05	0.047462	1
ENSG00000163935.9	TREATTXTPF-00547659 225mg	Week12	SFMBT1	protein_coding	chr3	52937588	53080766	-	5676	511.232	0	0.383614	0.089607	4.281085	2.51E-05	0.047462	1
ENSG00000244119.1	TREATTXTPF-00547659 225mg	Week12	PDCL3P4	pseudogene	chr3	101431316	101432035	+	720	81.16906	0.005525	0.54375	0.1273	4.271414	2.61E-05	0.047462	1
ENSG00000121413.8	TREATTXTPF-00547659 225mg	Week12	ZSCAN18	protein_coding	chr19	58595205	58629794	+	8307	970.2564	0	0.411573	0.096366	4.270946	2.62E-05	0.047462	1
ENSG00000065457.6	TREATTXTPF-00547659 225mg	Week12	ADAT1	protein_coding	chr16	75630879	75657198	-	4486	773.9569	0	0.341209	0.079912	4.269826	2.63E-05	0.047462	1
ENSG00000043143.16	TREATTXTPF-00547659 225mg	Week12	PHF15	protein_coding	chr5	133860003	133918918	+	9873	4999.319	0	0.334902	0.078513	4.265575	2.68E-05	0.047462	1
ENSG00000171649.7	TREATTXTPF-00547659 225mg	Week12	ZIK1	protein_coding	chr19	58089824	58105145	+	5257	248.0177	0.001105	0.497566	0.117043	4.251116	2.84E-05	0.047462	1
ENSG00000011275.14	TREATTXTPF-00547659 225mg	Week12	RNF216	protein_coding	chr7	5659678	5821370	-	7619	4070.25	0	0.240075	0.056494	4.24956	2.86E-05	0.047462	1
ENSG00000073849.10	TREATTXTPF-00547659 225mg	Week12	ST6GAL1	protein_coding	chr3	186648274	186796341	+	9151								

ENSG00000186810.7	TREATTXTPF-00547659 75mg	Week12	CXCR3	protein_coding	chrX	70835766	70838367	-	1868	1069.003	0	0.509053	0.120273	4.232488	3.08E-05	0.047462	1
ENSG00000107719.8	TREATTXTPF-00547659 225mg	Week12	PALD1	protein_coding	chr10	72238577	72328205	+	4555	47.20663	0.009945	0.584645	0.138153	4.231866	3.08E-05	0.047462	1
ENSG00000134954.10	TREATTXTPF-00547659 225mg	Week12	ETS1	protein_coding	chr11	128328656	128457453	-	7153	21821.86	0	0.4884	0.115436	4.230926	3.10E-05	0.047462	1
ENSG00000184208.10	TREATTXTPF-00547659 225mg	Week12	C22orf46	protein_coding	chr22	42084943	42094140	+	5341	323.7436	0	0.376535	0.089021	4.229707	3.11E-05	0.047462	1
ENSG00000229180.4	TREATTXTPF-00547659 225mg	Week12	GS1-124K1	lincRNA	chr7	65991075	66007536	+	7092	555.8597	0	0.294762	0.069797	4.223119	3.20E-05	0.047462	1
ENSG00000152127.4	TREATTXTPF-00547659 75mg	Week12	MGAT5	protein_coding	chr2	134877554	135212192	+	8578	2830.033	0	0.274454	0.065051	4.219061	3.25E-05	0.047462	1
ENSG00000131459.8	TREATTXTPF-00547659 75mg	Week12	GFPT2	protein_coding	chr5	179727690	179780387	-	4780	22.57127	0.076243	0.774739	0.183656	4.21842	3.26E-05	0.047462	1
ENSG00000100099.16	TREATTXTPF-00547659 225mg	Week12	HPS4	protein_coding	chr22	26839389	26879803	-	10782	1249.367	0	0.348234	0.082664	4.212666	3.34E-05	0.047462	1
ENSG00000126001.11	TREATTXTPF-00547659 225mg	Week12	CEP250	protein_coding	chr20	34042985	34099804	+	8990	2132.202	0	0.309885	0.07359	4.210971	3.37E-05	0.047462	1
ENSG00000130340.10	TREATTXTPF-00547659 225mg	Week12	SNX9	protein_coding	chr6	158244296	158366109	+	4198	967.4862	0	0.372067	0.08844	4.207024	3.42E-05	0.047462	1
ENSG00000164080.9	TREATTXTPF-00547659 225mg	Week12	RAD54L2	protein_coding	chr3	51575160	51702683	+	11924	1213.013	0	0.331398	0.078969	4.19655	3.57E-05	0.047462	1
ENSG00000186615.6	TREATTXTPF-00547659 225mg	Week12	KTN1-AS1	antisense	chr14	55965996	56046828	-	3595	28.04199	0.024309	0.66408	0.158263	4.196044	3.58E-05	0.047462	1
ENSG00000010803.12	TREATTXTPF-00547659 225mg	Week12	SCMH1	protein_coding	chr1	41492872	41707826	-	4447	508.2652	0	0.371167	0.088493	4.194319	3.61E-05	0.047462	1
ENSG00000101216.6	TREATTXTPF-00547659 225mg	Week12	GMEB2	protein_coding	chr20	62218955	62258394	-	4707	2039.059	0	0.20782	0.04968	4.183178	3.78E-05	0.047462	1
ENSG00000149328.10	TREATTXTPF-00547659 75mg	Week12	GLB1L2	protein_coding	chr11	134201768	134248235	+	7280	122.5392	0.003315	0.663937	0.158835	4.180036	3.83E-05	0.047462	1
ENSG00000261139.1	TREATTXTPF-00547659 225mg	Week12	CTD-2517l	processed_transcript	chr8	145721763	145725663	-	3368	7.070718	0.173481	0.650572	0.155646	4.179818	3.83E-05	0.047462	1
ENSG00000189319.9	TREATTXTPF-00547659 75mg	Week12	FAM53B	protein_coding	chr10	126307861	126432838	-	6424	6455.244	0	0.250622	0.059972	4.178976	3.85E-05	0.047462	1
ENSG00000100150.12	TREATTXTPF-00547659 225mg	Week12	DEPDC5	protein_coding	chr22	32149944	32303012	+	8587	943.3348	0	0.304452	0.072857	4.178789	3.85E-05	0.047462	1
ENSG00000134202.6	TREATTXTPF-00547659 225mg	Week12	GSTM3	protein_coding	chr1	110276554	110284384	-	4837	160.5514	0.003315	0.581345	0.1392	4.176315	3.89E-05	0.047462	1
ENSG00000243156.3	TREATTXTPF-00547659 225mg	Week12	MICAL3	protein_coding	chr22	18270415	18507325	-	22361	286.505	0	0.536118	0.128404	4.175247	3.91E-05	0.047462	1
ENSG00000204580.7	TREATTXTPF-00547659 225mg	Week12	DDR1	protein_coding	chr6	30844198	30867933	+	9122	252.8718	0.00221	0.507316	0.121722	4.167839	4.03E-05	0.047462	1
ENSG00000160683.4	TREATTXTPF-00547659 225mg	Week12	CXCR5	protein_coding	chr11	118754475	118768508	+	4431	1337.429	0.001105	0.510161	0.122465	4.165781	4.06E-05	0.047462	1
ENSG00000112033.9	TREATTXTPF-00547659 225mg	Week12	PPARD	protein_coding	chr6	35310335	35395968	+	4458	2003.179	0	0.287526	0.069094	4.161364	4.14E-05	0.047462	1
ENSG00000066827.11	TREATTXTPF-00547659 75mg	Week12	ZFAT	protein_coding	chr8	135490031	135725292	-	8900	747.3779	0	0.217815	0.052354	4.160386	4.15E-05	0.047462	1
ENSG00000235621.4	TREATTXTPF-00547659 225mg	Week12	LINC00494	lincRNA	chr20	46988693	46999372	+	4204	113.0983	0.007735	0.693227	0.166841	4.15501	4.25E-05	0.047462	1
ENSG00000263264.1	TREATTXTPF-00547659 225mg	Week12	CTB-133Gt	protein_coding	chr19	7413848	7448271	+	1558	748.2939	0	0.407154	0.098014	4.154037	4.26E-05	0.047462	1
ENSG00000124374.8	TREATTXTPF-00547659 225mg	Week12	PAIP2B	protein_coding	chr2	71409869	71454213	-	6279	187.7304	0.001105	0.522182	0.125859	4.148936	4.35E-05	0.047462	1
ENSG00000260876.1	TREATTXTPF-00547659 225mg	Week12	RP11-345l	lincRNA	chr16	79710005	79841819	+	2409	3.470718	0.40442	0.624032	0.150496	4.146505	4.40E-05	0.047462	1
ENSG00000213626.7	TREATTXTPF-00547659 225mg	Week12	LBH	protein_coding	chr2	30454397	30546596	+	4535	3240.101	0	0.474316	0.114495	4.142665	4.47E-05	0.047462	1
ENSG00000198198.9	TREATTXTPF-00547659 225mg	Week12	SZT2	protein_coding	chr1	43855553	43918321	+	17331	3147.648	0	0.257011	0.062112	4.13787	4.56E-05	0.047462	1
ENSG00000148843.9	TREATTXTPF-00547659 225mg	Week12	PDCD11	protein_coding	chr10	105156405	105206049	+	7382	1536.814	0	0.33203	0.080266	4.136627	4.58E-05	0.047462	1
ENSG00000198873.10	TREATTXTPF-00547659 225mg	Week12	GSK5	protein_coding	chr10	120967101	121215131	+	2949	1612.761	0	0.211702	0.051216	4.133523	4.64E-05	0.047462	1
ENSG00000116580.14	TREATTXTPF-00547659 225mg	Week12	GON4L	protein_coding	chr1	155719508	155829191	-	11912	2366.067	0	0.273841	0.066307	4.129862	4.71E-05	0.047462	1
ENSG00000125485.13	TREATTXTPF-00547659 225mg	Week12	DDX31	protein_coding	chr9	135468384	135545788	-	6631	411.4862	0	0.40953	0.09928	4.124987	4.81E-05	0.047462	1
ENSG00000103528.12	TREATTXTPF-00547659 225mg	Week12	SYT17	protein_coding	chr16	19179293	19279652	+	7534	65.73702	0.00884	0.605268	0.146764	4.124087	4.82E-05	0.047462	1
ENSG00000007516.9	TREATTXTPF-00547659 75mg	Week12	BAIAP3	protein_coding	chr16	1383602	1399439	+	6143	752.8044	0	0.443089	0.1077	4.114087	5.03E-05	0.047462	1
ENSG00000163746.7	TREATTXTPF-00547659 225mg	Week12	PLSCR2	protein_coding	chr3	146109208	146213778	-	2544	6.226519	0.233149	-0.67586	0.16436	-4.11205	5.07E-05	0.047462	1
ENSG00000124228.10	TREATTXTPF-00547659 225mg	Week12	DDX27	protein_coding	chr20	47835884	47860614	+	5405	2488.224	0	0.270424	0.065772	4.111514	5.08E-05	0.047462	1
ENSG00000066117.10	TREATTXTPF-00547659 225mg	Week12	SMARCD1	protein_coding	chr12	50478755	50494495	+	5136	2776.624	0	0.248131	0.060393	4.108624	5.14E-05	0.047462	1
ENSG00000151320.6	TREATTXTPF-00547659 225mg	Week12	AKAP6	protein_coding	chr14	32798479	33300567	+	13428	35.40442	0.032044	0.773449	0.188738	4.098001	5.37E-05	0.047462	1
ENSG00000152102.13	TREATTXTPF-00547659 225mg	Week12	FAM168B	protein_coding	chr2	131805449	131851033	-	5435	4025.178	0	0.257735	0.062934	4.095299	5.43E-05	0.047462	1
ENSG00000063978.11	TREATTXTPF-00547659 225mg	Week12	RNF4	protein_coding	chr4	2463947	2627047	+	7276	5212.419	0	0.231656	0.056575	4.094694	5.44E-05	0.047462	1
ENSG00000146707.10	TREATTXTPF-00547659 75mg	Week12	POMZP3	protein_coding	chr7	76239303	76256578	-	1861	339.5635	0	0.268949	0.065692	4.094118	5.45E-05	0.047462	1
ENSG00000135372.4	TREATTXTPF-00547659 225mg	Week12	NAT10	protein_coding	chr11	34127149	34169217	+	5242	1999.598	0	0.347465	0.084901	4.092608	5.49E-05	0.047462	1
ENSG00000130723.13	TREATTXTPF-00547659 225mg	Week12	PRRC2B	protein_coding	chr9	134269480	134375584	+	12293	8435.506	0	0.286628	0.070044	4.09209	5.50E-05	0.047462	1
ENSG00000171456.12	TREATTXTPF-00547659 225mg	Week12	ASXL1	protein_coding	chr20	30946155	31027122	+	9417	3150.523	0	0.312556	0.076402	4.09094	5.53E-05	0.047462	1
ENSG00000151136.10	TREATTXTPF-00547659 225mg	Week12	BTBD11	protein_coding	chr12	107712190	108053419	+	7924	561.7801	0	0.395105	0.096613	4.089578	5.56E-05	0.047462	1
ENSG00000107742.8	TREATTXTPF-00547659 225mg	Week12	SPOCK2	protein_coding	chr10	73818793	73848790	-	6572	17836.64	0	0.389968	0.095428	4.086525	5.63E-05	0.047462	1
ENSG00000087258.9	TREATTXTPF-00547659 75mg	Week12	GNAO1	protein_coding	chr16	56225302	56391356	+	9813	196.5094	0	0.438584	0.107436	4.08227	5.72E-05	0.047462	1
ENSG00000100068.7	TREATTXTPF-00547659 225mg	Week12	LRP5L	protein_coding	chr22	25747385	25801344	-	4555	394.6243	0.001105	0.42221	0.103441	4.081643	5.74E-05	0.047462	1
ENSG00000104880.13	TREATTXTPF-00547659 225mg	Week12	ARHGEF18	protein_coding	chr19	7459999	7537363	+	6235	5615.747	0	0.237148	0.058174	4.076506	5.86E-05	0.047462	1
ENSG00000157570.7	TREATTXTPF-00547659 225mg	Week12	TSPAN18	protein_coding	chr11	44748015	44953972	+	5871	1306.876	0	0.405883	0.099664	4.072524	5.96E-05	0.047462	1
ENSG00000188687.11	TREATTXTPF-00547659 225mg	Week12	SLC4A5	protein_coding	chr2	74443369	74570541	-	8009	101.4077	0.003315	0.53315	0.130918	4.072386	5.96E-05	0.047462	1

ENSG00000147457.9	TREATTXTPF-00547659 225mg	Week12	CHMP7	protein_coding	chr8	23101150	23119512 +	4532	4938.083	0	0.347924	0.085451	4.071621	5.98E-05	0.047462	1
ENSG00000004139.9	TREATTXTPF-00547659 225mg	Week12	SARM1	protein_coding	chr17	26691378	26728065 +	8132	1008.54	0	0.375286	0.092217	4.06961	6.03E-05	0.047462	1
ENSG00000143772.5	TREATTXTPF-00547659 225mg	Week12	ITPKB	protein_coding	chr1	226819391	226927024 -	7036	7510.972	0	0.250369	0.061542	4.068254	6.06E-05	0.047462	1
ENSG00000141576.10	TREATTXTPF-00547659 225mg	Week12	RNF157	protein_coding	chr17	74138534	74236454 -	7802	1489.094	0	0.429841	0.105663	4.068041	6.07E-05	0.047462	1
ENSG00000086102.14	TREATTXTPF-00547659 225mg	Week12	NFX1	protein_coding	chr9	33290509	33371155 +	7147	1978.85	0	0.333294	0.081961	4.066473	6.10E-05	0.047462	1
ENSG00000069966.14	TREATTXTPF-00547659 225mg	Week12	GNB5	protein_coding	chr15	52413117	52483566 -	7487	654.2873	0	0.332268	0.081735	4.065174	6.14E-05	0.047462	1
ENSG00000188522.10	TREATTXTPF-00547659 225mg	Week12	FAM83G	protein_coding	chr17	18872102	18908117 -	7883	374.6265	0	0.42747	0.105191	4.063747	6.17E-05	0.047462	1
ENSG00000070366.9	TREATTXTPF-00547659 225mg	Week12	SMG6	protein_coding	chr17	1963133	2207065 -	11060	1576.991	0	0.28161	0.069392	4.058217	6.31E-05	0.047462	1
ENSG00000131196.13	TREATTXTPF-00547659 225mg	Week12	NFATC1	protein_coding	chr18	77155856	77289325 +	7008	1862.165	0	0.297307	0.073311	4.055426	6.38E-05	0.047462	1
ENSG00000154309.7	TREATTXTPF-00547659 225mg	Week12	DISP1	protein_coding	chr1	222988406	223179337 +	5549	136.3105	0	0.373779	0.092187	4.054588	6.41E-05	0.047462	1
ENSG00000179598.5	TREATTXTPF-00547659 225mg	Week12	PLD6	protein_coding	chr17	17104309	17109629 -	2560	217.5282	0	0.38384	0.094687	4.053786	6.43E-05	0.047462	1
ENSG00000170486.6	TREATTXTPF-00547659 225mg	Week12	KRT72	protein_coding	chr12	52979373	52995322 -	2154	240.8177	0.00442	0.642948	0.158638	4.05292	6.45E-05	0.047462	1
ENSG00000125354.18	TREATTXTPF-00547659 225mg	Week12	06-Sep	protein_coding	chrX	118749687	118827333 -	6553	10734.69	0	0.311122	0.076802	4.050953	6.50E-05	0.047462	1
ENSG00000157014.6	TREATTXTPF-00547659 225mg	Week12	TATDN2	protein_coding	chr3	10289707	10322902 +	5572	1903.309	0	0.225087	0.05562	4.046838	6.61E-05	0.047462	1
ENSG00000176533.8	TREATTXTPF-00547659 225mg	Week12	GN7D	protein_coding	chr19	2511217	2702707 -	4561	1105.566	0	0.322792	0.079819	4.044068	6.69E-05	0.047462	1
ENSG00000197816.9	TREATTXTPF-00547659 225mg	Week12	CCDC180	protein_coding	chr9	100000765	100140806 +	16070	86.27956	0.007735	0.579795	0.143375	4.04391	6.69E-05	0.047462	1
ENSG00000204514.5	TREATTXTPF-00547659 225mg	Week12	ZNF814	protein_coding	chr19	58360099	58400442 -	12600	326.8508	0.001105	0.38578	0.095398	4.043895	6.69E-05	0.047462	1
ENSG00000211810.3	TREATTXTPF-00547659 225mg	Week12	TRAV29DV	TR_V_gene	chr14	22631134	22631766 +	469	176.6166	0.001105	0.55626	0.13758	4.043174	6.71E-05	0.047462	1
ENSG0000020932.7	TREATTXTPF-00547659 225mg	Week12	RPAP1	protein_coding	chr15	41809374	41836467 -	7046	967.3116	0	0.332748	0.082308	4.042692	6.72E-05	0.047462	1
ENSG0000010319.2	TREATTXTPF-00547659 75mg	Week12	SEMA3G	protein_coding	chr3	52467069	52479101 -	5011	38.3989	0.01326	0.60805	0.150438	4.04185	6.75E-05	0.047462	1
ENSG00000138795.5	TREATTXTPF-00547659 225mg	Week12	LEF1	protein_coding	chr4	108968701	109090112 -	5361	6385.203	0	0.489482	0.121108	4.04168	6.75E-05	0.047462	1
ENSG00000251323.2	TREATTXTPF-00547659 225mg	Week12	RP11-452H	lincRNA	chr11	78135028	78140882 -	1642	11.44199	0.114917	0.74335	0.183936	4.04134	6.76E-05	0.047462	1
ENSG00000197381.11	TREATTXTPF-00547659 225mg	Week12	ADARB1	protein_coding	chr21	46493768	46646478 +	10015	1167.917	0	0.391818	0.097017	4.038672	6.83E-05	0.047462	1
ENSG00000144218.14	TREATTXTPF-00547659 225mg	Week12	AFF3	protein_coding	chr2	100162323	100759201 -	12295	569.9735	0.00221	0.634174	0.157085	4.037135	6.88E-05	0.047462	1
ENSG00000161010.10	TREATTXTPF-00547659 225mg	Week12	C5orf45	protein_coding	chr5	179261436	179289173 -	9193	1136.442	0	0.457659	0.113373	4.036769	6.89E-05	0.047462	1
ENSG00000170004.12	TREATTXTPF-00547659 225mg	Week12	CHD3	protein_coding	chr17	7788124	7816078 +	9758	10621.38	0	0.293243	0.07265	4.036368	6.90E-05	0.047462	1
ENSG00000100154.10	TREATTXTPF-00547659 225mg	Week12	TTC28	protein_coding	chr22	28374004	29075853 +	12641	62.61547	0.003315	0.495483	0.122756	4.036334	6.90E-05	0.047462	1
ENSG00000006555.6	TREATTXTPF-00547659 75mg	Week12	TTC22	protein_coding	chr1	55245385	55266940 -	6055	669.8641	0	0.308802	0.076545	4.034271	6.96E-05	0.047462	1
ENSG00000121671.7	TREATTXTPF-00547659 225mg	Week12	CRY2	protein_coding	chr11	45868669	45904798 +	6199	1616.671	0	0.29401	0.072975	4.028899	7.11E-05	0.047462	1
ENSG00000089154.6	TREATTXTPF-00547659 225mg	Week12	GCN1L1	protein_coding	chr12	120565007	120632513 -	9654	3591.844	0	0.334245	0.08298	4.028008	7.13E-05	0.047462	1
ENSG00000241258.2	TREATTXTPF-00547659 225mg	Week12	RCRP	protein_coding	chr7	65579591	65619555 +	3548	1218.303	0	0.239981	0.059607	4.02602	7.19E-05	0.047462	1
ENSG00000103343.8	TREATTXTPF-00547659 225mg	Week12	ZNF174	protein_coding	chr16	3451235	3459370 +	2876	491.3448	0	0.230822	0.057342	4.025372	7.21E-05	0.047462	1
ENSG00000143319.12	TREATTXTPF-00547659 225mg	Week12	ISG20L2	protein_coding	chr1	156691683	156698591 -	5262	2240.42	0	0.155678	0.038762	4.016216	7.48E-05	0.047462	1
ENSG00000168014.12	TREATTXTPF-00547659 225mg	Week12	C2CD3	protein_coding	chr11	73723763	73882255 -	12567	1386.856	0	0.258525	0.064385	4.015276	7.51E-05	0.047462	1
ENSG00000181090.13	TREATTXTPF-00547659 225mg	Week12	EHMT1	protein_coding	chr9	140513444	140764468 +	15257	2967.754	0	0.246649	0.061459	4.013208	7.57E-05	0.047462	1
ENSG00000080603.12	TREATTXTPF-00547659 225mg	Week12	SRCAP	protein_coding	chr16	30709530	30755602 +	12746	7665.335	0	0.281051	0.070032	4.01316	7.57E-05	0.047462	1
ENSG00000215041.5	TREATTXTPF-00547659 225mg	Week12	NEURL4	protein_coding	chr17	7218947	7232712 -	6170	841.3912	0	0.286697	0.07144	4.013145	7.57E-05	0.047462	1
ENSG00000142512.10	TREATTXTPF-00547659 225mg	Week12	SIGLEC10	protein_coding	chr19	51913275	51921057 -	3667	7939.117	0	0.334026	0.083234	4.013089	7.58E-05	0.047462	1
ENSG00000124181.10	TREATTXTPF-00547659 225mg	Week12	PLCG1	protein_coding	chr20	39765600	39811629 +	7164	4754.527	0	0.417834	0.104148	4.011918	7.61E-05	0.047462	1
ENSG00000134369.11	TREATTXTPF-00547659 225mg	Week12	NAV1	protein_coding	chr1	201592411	201796102 +	22056	249.6011	0.003315	0.474073	0.118187	4.011201	7.63E-05	0.047462	1
ENSG00000135632.7	TREATTXTPF-00547659 225mg	Week12	SMYD5	protein_coding	chr2	73441350	73454365 +	3380	770.9138	0	0.379176	0.094537	4.010887	7.64E-05	0.047462	1
ENSG00000183495.9	TREATTXTPF-00547659 225mg	Week12	EP400	protein_coding	chr12	132434508	132565005 +	12379	2504.66	0	0.345157	0.086066	4.010368	7.66E-05	0.047462	1
ENSG00000203832.6	TREATTXTPF-00547659 225mg	Week12	NBPF20	protein_coding	chr1	148250249	148347506 -	16242	168.811	0.003315	0.389824	0.097235	4.009082	7.70E-05	0.047462	1
ENSG00000038532.10	TREATTXTPF-00547659 225mg	Week12	CLEC16A	protein_coding	chr16	11038345	11276046 +	11944	1546.623	0	0.217504	0.054254	4.008984	7.70E-05	0.047462	1
ENSG00000146285.9	TREATTXTPF-00547659 225mg	Week12	SCML4	protein_coding	chr6	108025308	108145521 -	7116	1768.394	0	0.297123	0.074123	4.008519	7.72E-05	0.047462	1
ENSG00000006432.11	TREATTXTPF-00547659 225mg	Week12	MAP3K9	protein_coding	chr14	71189243	71276251 -	12386	233.9138	0	0.42436	0.105903	4.007055	7.76E-05	0.047462	1
ENSG00000146834.9	TREATTXTPF-00547659 225mg	Week12	MEPCE	protein_coding	chr7	100026413	100031741 +	3412	2940.169	0	0.212272	0.053001	4.005037	7.82E-05	0.047462	1
ENSG00000179532.8	TREATTXTPF-00547659 225mg	Week12	DNHD1	protein_coding	chr11	6518490	6614988 +	19629	721.3978	0	0.42704	0.106641	4.004473	7.84E-05	0.047462	1
ENSG00000143515.12	TREATTXTPF-00547659 225mg	Week12	ATP8B2	protein_coding	chr1	154298029	154323783 +	7572	5352.378	0	0.452798	0.113105	4.003348	7.88E-05	0.047462	1
ENSG00000265148.1	TREATTXTPF-00547659 75mg	Week12	BZRAP1-A	antisense	chr17	56402811	56493127 +	3601	1701.136	0	0.304486	0.076078	4.002278	7.91E-05	0.047462	1
ENSG00000133460.15	TREATTXTPF-00547659 225mg	Week12	SLC2A11	protein_coding	chr22	24198890	24228496 +	8864	252.0287	0	0.40991	0.102453	4.000946	7.95E-05	0.047462	1
ENSG00000166685.7	TREATTXTPF-00547659 225mg	Week12	COG1	protein_coding	chr17	71189129	71204646 +	5061	1489.896	0	0.25257	0.063143	3.999968	7.99E-05	0.047462	1
ENSG00000133985.2	TREATTXTPF-00547659 225mg	Week12	TTC9	protein_coding	chr14	71108504	71142077 +	5217	1291.958	0	0.327795	0.081992	3.997864	8.05E-05	0.047462	1

ENSG00000198873.10	TREATTXTPF-00547659 75mg	Week12	GRK5	protein_coding	chr10	120967101	121215131 +	2949	1612.761	0	0.199088	0.049822	3.996014	8.11E-05	0.047462	1
ENSG00000242899.1	TREATTXTPF-00547659 225mg	Week12	RP11-250E	pseudogene	chr3	131962372	131963109 -	738	2.662983	0.564641	0.566757	0.141841	3.995731	8.12E-05	0.047462	1
ENSG00000181666.13	TREATTXTPF-00547659 225mg	Week12	HKR1	protein_coding	chr19	37803739	37860267 +	7203	1242.936	0	0.340209	0.085193	3.993396	8.20E-05	0.047462	1
ENSG00000107959.11	TREATTXTPF-00547659 225mg	Week12	PITRM1	protein_coding	chr10	3179920	3215003 -	6949	2014.158	0	0.297055	0.074408	3.992223	8.24E-05	0.047462	1
ENSG00000169129.10	TREATTXTPF-00547659 75mg	Week12	AFAP1L2	protein_coding	chr10	116054583	116164515 -	5948	147.5392	0	0.381618	0.095593	3.992096	8.24E-05	0.047462	1
ENSG00000137802.9	TREATTXTPF-00547659 225mg	Week12	MAPKBP1	protein_coding	chr15	42066632	42120053 +	10357	796.2862	0	0.281152	0.0705	3.987996	8.38E-05	0.047462	1
ENSG00000184708.13	TREATTXTPF-00547659 225mg	Week12	EIF4ENIF1	protein_coding	chr22	31832963	31892094 -	6090	1224.304	0	0.25307	0.063486	3.986227	8.44E-05	0.047462	1
ENSG00000196821.5	TREATTXTPF-00547659 225mg	Week12	C6orf106	protein_coding	chr6	34555065	34664636 -	4551	5815.159	0	0.199729	0.050124	3.984688	8.49E-05	0.047462	1
ENSG00000149474.9	TREATTXTPF-00547659 225mg	Week12	CSRP2BP	protein_coding	chr20	18118762	18169031 +	4251	661.263	0	0.344358	0.086451	3.983274	8.54E-05	0.047462	1
ENSG00000145041.11	TREATTXTPF-00547659 225mg	Week12	VPRBP	protein_coding	chr3	51433298	51534010 -	6682	1385.514	0	0.364126	0.091416	3.983175	8.54E-05	0.047462	1
ENSG00000117597.13	TREATTXTPF-00547659 225mg	Week12	DIEXF	protein_coding	chr1	210001352	210030910 +	10376	806.5459	0	0.402678	0.101126	3.981949	8.58E-05	0.047462	1
ENSG00000133056.9	TREATTXTPF-00547659 225mg	Week12	PIK3C2B	protein_coding	chr1	204391756	204463852 -	9414	978.0862	0	0.439724	0.110445	3.98139	8.60E-05	0.047462	1
ENSG00000164649.15	TREATTXTPF-00547659 225mg	Week12	CDCA7L	protein_coding	chr7	21940518	21985702 -	4074	789.0541	0	0.365536	0.091826	3.980733	8.62E-05	0.047462	1
ENSG00000135253.5	TREATTXTPF-00547659 225mg	Week12	ANGE1L	protein_coding	chr14	77253588	77292589 -	5347	781.2674	0	0.376563	0.094615	3.97993	8.65E-05	0.047462	1
ENSG00000178764.6	TREATTXTPF-00547659 225mg	Week12	ZHX2	protein_coding	chr8	123793633	123986750 +	4714	2324.836	0	0.22784	0.057252	3.979588	8.66E-05	0.047462	1
ENSG00000108292.12	TREATTXTPF-00547659 225mg	Week12	MLLT6	protein_coding	chr17	36861795	36886056 +	13315	11014.77	0	0.309554	0.077811	3.978294	8.71E-05	0.047462	1
ENSG00000105738.6	TREATTXTPF-00547659 225mg	Week12	SIPA1L3	protein_coding	chr19	38397868	38699012 +	10335	1267.587	0	0.382066	0.096281	3.968227	9.07E-05	0.048851	1
ENSG00000133985.2	TREATTXTPF-00547659 75mg	Week12	TTC9	protein_coding	chr14	71108504	71142077 +	5217	1291.958	0	0.317266	0.079963	3.967674	9.09E-05	0.048851	1
ENSG00000129038.11	TREATTXTPF-00547659 75mg	Week12	LOXL1	protein_coding	chr15	74218330	74244478 +	3637	70.91492	0.003315	-0.4615	0.11634	-3.96678	9.12E-05	0.048851	1
ENSG00000055163.14	TREATTXTPF-00547659 225mg	Week12	CYFIP2	protein_coding	chr5	156693089	156822606 +	10509	17216.78	0	0.213672	0.053933	3.961839	9.30E-05	0.049287	1
ENSG00000181135.11	TREATTXTPF-00547659 225mg	Week12	ZNF707	protein_coding	chr8	144766622	144796068 +	6328	583.6265	0	0.251489	0.063496	3.960701	9.34E-05	0.049287	1
ENSG00000132604.6	TREATTXTPF-00547659 225mg	Week12	TERF2	protein_coding	chr16	69389464	69442474 -	5621	1552.144	0	0.22986	0.058041	3.960324	9.36E-05	0.049287	1
ENSG00000136573.8	TREATTXTPF-00547659 225mg	Week12	BLK	protein_coding	chr8	11351510	11422113 +	4803	1461.55	0	0.427878	0.108138	3.956789	9.49E-05	0.049709	1
ENSG00000115970.14	TREATTXTPF-00547659 225mg	Week12	THADA	protein_coding	chr2	43393800	43823185 -	14331	1340.463	0	0.241097	0.060983	3.953524	9.61E-05	0.050078	1
ENSG00000160208.11	TREATTXTPF-00547659 225mg	Week12	RRP1B	protein_coding	chr21	45079429	45115958 +	5760	1936.548	0	0.38246	0.096834	3.94963	9.76E-05	0.050078	1
ENSG00000044090.4	TREATTXTPF-00547659 225mg	Week12	CUL7	protein_coding	chr6	43005355	43021683 -	5628	692.3989	0	0.263179	0.066655	3.948377	9.81E-05	0.050078	1
ENSG00000269343.2	TREATTXTPF-00547659 225mg	Week12	ZNF587B	protein_coding	chr19	58331099	58370018 +	4595	589.6541	0	0.302869	0.076748	3.946258	9.89E-05	0.050078	1
ENSG00000038358.10	TREATTXTPF-00547659 225mg	Week12	EDC4	protein_coding	chr16	67906926	67918406 +	6173	2074.888	0	0.290749	0.073727	3.943586	1.00E-04	0.050078	1
ENSG0000010165.15	TREATTXTPF-00547659 225mg	Week12	METT1L3	protein_coding	chr1	171750788	171783163 +	3843	1315.832	0	0.262461	0.066559	3.943315	0.0001	0.050078	1
ENSG00000083838.11	TREATTXTPF-00547659 225mg	Week12	ZNF446	protein_coding	chr19	58985384	58992597 +	4923	586.6939	0	0.26084	0.066152	3.943045	0.0001	0.050078	1
ENSG00000094916.9	TREATTXTPF-00547659 225mg	Week12	CBX5	protein_coding	chr12	54624724	54673886 -	12508	2017.904	0	0.382013	0.096948	3.940381	0.000101	0.050078	1
ENSG00000155657.19	TREATTXTPF-00547659 225mg	Week12	TTN	protein_coding	chr2	179390716	179695529 -	118327	265.3149	0	0.522087	0.132507	3.940067	0.000101	0.050078	1
ENSG00000184574.5	TREATTXTPF-00547659 75mg	Week12	LPAR5	protein_coding	chr12	6728001	6745613 -	3258	779.8851	0	0.334797	0.084989	3.939281	0.000102	0.050078	1
ENSG00000264198.1	TREATTXTPF-00547659 75mg	Week12	RP11-94L1	lincRNA	chr17	37913974	37920089 -	6116	5796.403	0	0.369958	0.093941	3.938181	0.000102	0.050078	1
ENSG00000154978.8	TREATTXTPF-00547659 225mg	Week12	VOPP1	protein_coding	chr7	55503749	55640681 -	5361	3899.56	0	0.180037	0.045734	3.93657	0.000103	0.050078	1
ENSG00000122515.10	TREATTXTPF-00547659 225mg	Week12	ZMIZ2	protein_coding	chr7	44788180	44809477 +	7323	3754.042	0	0.261687	0.066477	3.936495	0.000103	0.050078	1
ENSG00000165271.12	TREATTXTPF-00547659 225mg	Week12	NOL6	protein_coding	chr9	33461439	33473928 -	5930	1600.19	0	0.326163	0.082863	3.936147	0.000103	0.050078	1
ENSG00000134909.14	TREATTXTPF-00547659 225mg	Week12	ARHGAP3	protein_coding	chr11	128834955	129149219 -	12841	203.2199	0.001105	0.521337	0.132611	3.931342	0.000105	0.050779	1
ENSG00000169057.15	TREATTXTPF-00547659 225mg	Week12	MECP2	protein_coding	chrX	153287024	153363212 -	12556	5119.741	0	0.184004	0.04689	3.924202	0.000108	0.051763	1
ENSG00000110497.10	TREATTXTPF-00547659 225mg	Week12	AMBRA1	protein_coding	chr11	46417964	46615675 -	7673	1597.281	0	0.248212	0.063265	3.923394	0.000108	0.051763	1
ENSG00000180884.9	TREATTXTPF-00547659 225mg	Week12	ZNF792	protein_coding	chr19	35447258	35454953 -	4234	429.4442	0.001105	0.400751	0.102299	3.91744	0.000111	0.051763	1
ENSG00000177570.9	TREATTXTPF-00547659 225mg	Week12	SAMD12	protein_coding	chr8	119201698	119634234 -	10756	74.24972	0.007735	0.621098	0.158577	3.916699	0.000111	0.051763	1
ENSG00000184574.5	TREATTXTPF-00547659 225mg	Week12	LPAR5	protein_coding	chr12	6728001	6745613 -	3258	779.8851	0	0.340183	0.086902	3.914547	0.000112	0.051763	1
ENSG00000084774.9	TREATTXTPF-00547659 225mg	Week12	CAD	protein_coding	chr2	27440258	27466811 +	8422	1472.698	0	0.334587	0.085523	3.912268	0.000113	0.051763	1
ENSG00000139651.9	TREATTXTPF-00547659 225mg	Week12	ZNF740	protein_coding	chr12	53574484	53584596 +	4734	2322.941	0	0.249478	0.063776	3.911784	0.000113	0.051763	1
ENSG00000185989.9	TREATTXTPF-00547659 225mg	Week12	RASA3	protein_coding	chr13	114747194	114898086 -	4352	7925.596	0	0.335788	0.085866	3.910603	0.000114	0.051763	1
ENSG00000116353.11	TREATTXTPF-00547659 225mg	Week12	FUCR	protein_coding	chr1	29519385	29557454 -	3922	233.4011	0	0.329864	0.084408	3.907957	0.000115	0.051763	1
ENSG00000089280.14	TREATTXTPF-00547659 225mg	Week12	FUS	protein_coding	chr16	31191431	31203127 +	7218	10214.13	0	0.240795	0.061634	3.906837	0.000116	0.051763	1
ENSG00000135409.6	TREATTXTPF-00547659 7.5mg	Week12	AMHR2	protein_coding	chr12	53817639	53825318 +	3518	1.594475	0.618785	0.476884	0.12207	3.906658	0.000116	0.051763	1
ENSG00000198286.5	TREATTXTPF-00547659 225mg	Week12	CARD11	protein_coding	chr7	2945775	3083579 -	4707	4237.683	0	0.376391	0.096361	3.906044	0.000116	0.051763	1
ENSG00000260876.1	TREATTXTPF-00547659 75mg	Week12	RP11-345I	lincRNA	chr16	79710005	79841819 +	2409	3.470718	0.40442	0.571815	0.146418	3.905376	0.000116	0.051763	1
ENSG00000092201.5	TREATTXTPF-00547659 225mg	Week12	SUPT16H	protein_coding	chr14	21819631	21852425 -	7151	4191.442	0	0.27421	0.070221	3.904956	0.000116	0.051763	1
ENSG00000244560.2	TREATTXTPF-00547659 225mg	Week12	RP4-800G	pseudogene	chr7	148982372	148994403 +	4271	58.64972	0.01326	0.639247	0.163704	3.904906	0.000116	0.051763	1

ENSG00000035720.3	TREATTXTPF-00547659 225mg	Week12	STAP1	protein_coding	chr4	68424446	68473055 +	1655	327.1481	0	0.515041	0.131951	3.903291	0.000117	0.051763	1
ENSG00000156414.14	TREATTXTPF-00547659 75mg	Week12	TDRD9	protein_coding	chr14	104394799	104519004 +	5480	553.0453	0	-0.55552	0.142379	-3.9017	0.000118	0.051763	1
ENSG00000264198.1	TREATTXTPF-00547659 225mg	Week12	RP11-94L1	lincRNA	chr17	37913974	37920089 -	6116	5796.403	0	0.375962	0.09636	3.901638	0.000118	0.051763	1
ENSG00000158089.10	TREATTXTPF-00547659 225mg	Week12	GALNT14	protein_coding	chr2	31133333	31378068 -	4567	718.6144	0	-0.66236	0.169767	-3.90161	0.000118	0.051763	1
ENSG00000225940.1	TREATTXTPF-00547659 75mg	Week12	AC022431	protein_coding	chr5	55807394	55902059 -	765	41.31934	0.009945	-0.55764	0.142952	-3.90091	0.000118	0.051763	1
ENSG00000112182.10	TREATTXTPF-00547659 225mg	Week12	BACH2	protein_coding	chr6	90636248	91006627 -	9786	1330.028	0.001105	0.528014	0.135418	3.899143	0.000119	0.051763	1
ENSG00000116127.13	TREATTXTPF-00547659 225mg	Week12	ALMS1	protein_coding	chr2	73612886	73837920 +	14066	552.137	0	0.383647	0.098405	3.898657	0.000119	0.051763	1
ENSG00000259137.1	TREATTXTPF-00547659 7.5mg	Week12	RP11-305E	pseudogene	chr14	44589413	44589964 -	552	1.566851	0.633149	0.441163	0.113167	3.898321	0.00012	0.051763	1
ENSG00000105576.11	TREATTXTPF-00547659 225mg	Week12	TNPO2	protein_coding	chr19	12810008	12834825 -	7029	1752.291	0	0.266077	0.068307	3.895323	0.000121	0.052135	1
ENSG00000178971.9	TREATTXTPF-00547659 225mg	Week12	CTC1	protein_coding	chr17	8130191	8151362 -	6315	2928.214	0	0.318793	0.081868	3.894009	0.000122	0.052135	1
ENSG00000267067.1	TREATTXTPF-00547659 225mg	Week12	CTB-75G1	lincRNA	chr17	34990527	34991156 +	630	12.34696	0.072928	0.616271	0.15836	3.891579	0.000123	0.052135	1
ENSG00000006607.9	TREATTXTPF-00547659 225mg	Week12	FARP2	protein_coding	chr2	242295658	242434256 +	14413	564.6751	0	0.36308	0.093312	3.89105	0.000123	0.052135	1
ENSG00000261101.1	TREATTXTPF-00547659 7.5mg	Week12	RP4-545K1	sense_overlapping	chrX	100882858	100883508 +	651	2.587845	0.495028	0.569355	0.146336	3.890749	0.000123	0.052135	1
ENSG00000167658.11	TREATTXTPF-00547659 225mg	Week12	EEF2	protein_coding	chr19	3976054	3985467 -	4027	118441.8	0	0.271441	0.069811	3.888205	0.000124	0.05224	1
ENSG00000063587.12	TREATTXTPF-00547659 225mg	Week12	ZNF275	protein_coding	chrX	152599613	152625568 +	8148	923.2464	0	0.383784	0.098711	3.887966	0.000124	0.05224	1
ENSG00000111641.6	TREATTXTPF-00547659 225mg	Week12	NOP2	protein_coding	chr12	6666029	6677857 -	4687	1654.875	0	0.299272	0.07702	3.885644	0.000126	0.052271	1
ENSG00000241973.6	TREATTXTPF-00547659 225mg	Week12	PI4KA	protein_coding	chr22	21061979	21213705 -	11407	5474.007	0	0.233384	0.06008	3.884568	0.000126	0.052271	1
ENSG00000129351.13	TREATTXTPF-00547659 225mg	Week12	ILF3	protein_coding	chr19	10764937	10803093 +	11024	8652.853	0	0.322069	0.082952	3.882608	0.000127	0.052271	1
ENSG00000204282.3	TREATTXTPF-00547659 225mg	Week12	TNRC6C-A	processed_transcript	chr17	76103479	76107880 -	4402	2484.657	0	0.305912	0.078792	3.882504	0.000127	0.052271	1
ENSG00000109063.10	TREATTXTPF-00547659 225mg	Week12	MYH3	protein_coding	chr17	10531843	10560626 -	6686	245.1514	0	0.395559	0.10189	3.882232	0.000127	0.052271	1
ENSG00000137497.13	TREATTXTPF-00547659 225mg	Week12	NUMA1	protein_coding	chr11	71713910	71791739 -	15212	10070.56	0	0.291382	0.07509	3.880426	0.000128	0.052415	1
ENSG00000166887.11	TREATTXTPF-00547659 225mg	Week12	VPS39	protein_coding	chr15	42450899	42500514 -	7710	5831.696	0	0.147385	0.037996	3.879008	0.000129	0.05248	1
ENSG00000086758.11	TREATTXTPF-00547659 225mg	Week12	HUWE1	protein_coding	chrX	53559057	53713673 -	17373	6158.164	0	0.284566	0.071344	3.874809	0.000131	0.053121	1
ENSG00000162144.5	TREATTXTPF-00547659 225mg	Week12	CYB561A3	protein_coding	chr11	61116217	61129771 -	10597	4164.259	0	0.283301	0.073164	3.872126	0.000132	0.053369	1
ENSG00000260876.1	TREATTXTPF-00547659 22.5mg	Week12	RP11-345I	lincRNA	chr16	79710005	79841819 +	2409	3.470718	0.40442	0.574	0.148336	3.869589	0.000134	0.053369	1
ENSG00000103365.11	TREATTXTPF-00547659 225mg	Week12	GGA2	protein_coding	chr16	23474863	23533316 -	8231	4781.176	0	0.338378	0.087466	3.868671	0.000134	0.053369	1
ENSG00000267080.1	TREATTXTPF-00547659 225mg	Week12	ASB16-AS	antisense	chr17	42253341	42264085 -	2460	727.547	0	0.226416	0.058529	3.868425	0.000134	0.053369	1
ENSG00000119401.10	TREATTXTPF-00547659 225mg	Week12	TRIM32	protein_coding	chr9	119449581	119463579 +	3780	399.2265	0	0.394131	0.10189	3.868206	0.000135	0.053369	1
ENSG00000137337.10	TREATTXTPF-00547659 225mg	Week12	MDC1	protein_coding	chr6	30667584	30685666 -	8064	1539.949	0	0.368756	0.095369	3.866634	0.000135	0.053474	1
ENSG00000255455.2	TREATTXTPF-00547659 225mg	Week12	RP11-890E	lincRNA	chr11	130736149	130740142 -	3994	610.6873	0	0.359299	0.092976	3.864426	0.000137	0.053713	1
ENSG00000227372.6	TREATTXTPF-00547659 225mg	Week12	TP73-AS1	antisense	chr1	3652548	3663900 -	6597	798.7359	0	0.369994	0.095843	3.860415	0.000139	0.054334	1
ENSG00000099204.14	TREATTXTPF-00547659 225mg	Week12	ABLIM1	protein_coding	chr10	116190872	116444762 -	9871	5869.825	0	0.424825	0.110083	3.859137	0.000139	0.054345	1
ENSG00000150337.9	TREATTXTPF-00547659 225mg	Week12	FCGR1A	protein_coding	chr1	149754227	149764074 +	2998	3521.94	0	-0.61819	0.16024	-3.85791	0.00014	0.054345	1
ENSG00000130803.10	TREATTXTPF-00547659 225mg	Week12	ZNF317	protein_coding	chr19	9251056	9274100 +	5065	1977.173	0	0.239843	0.062181	3.857203	0.00014	0.054345	1
ENSG00000150990.3	TREATTXTPF-00547659 225mg	Week12	DHX37	protein_coding	chr12	125431371	125473668 -	6618	1052.093	0	0.308034	0.079895	3.855473	0.000141	0.05449	1
ENSG00000099381.12	TREATTXTPF-00547659 225mg	Week12	SETD1A	protein_coding	chr16	30968615	30996437 +	6903	1507.525	0	0.317039	0.082277	3.853334	0.000143	0.054723	1
ENSG00000133030.15	TREATTXTPF-00547659 225mg	Week12	MPRIP	protein_coding	chr17	16945859	17120993 +	18105	5072.642	0	0.359345	0.093302	3.851436	0.000144	0.054725	1
ENSG00000157014.6	TREATTXTPF-00547659 75mg	Week12	TATDN2	protein_coding	chr3	10289707	10322902 +	5572	1903.309	0	0.209601	0.054424	3.851252	0.000144	0.054725	1
ENSG00000173715.11	TREATTXTPF-00547659 225mg	Week12	C11orf80	protein_coding	chr11	66511922	66610987 +	3953	275.7425	0.00221	0.418799	0.108836	3.847996	0.000146	0.054866	1
ENSG00000105409.11	TREATTXTPF-00547659 75mg	Week12	ATP1A3	protein_coding	chr19	42470734	42501649 -	5069	303.9569	0	0.407663	0.105953	3.847575	0.000146	0.054866	1
ENSG00000096433.6	TREATTXTPF-00547659 225mg	Week12	ITPR3	protein_coding	chr6	33588142	33664351 +	9870	2073.708	0	0.435261	0.113128	3.847511	0.000146	0.054866	1
ENSG00000198169.4	TREATTXTPF-00547659 225mg	Week12	ZNF251	protein_coding	chr8	145946298	145981802 -	4931	307.0597	0.001105	0.423295	0.110147	3.843014	0.000148	0.055135	1
ENSG00000251695.2	TREATTXTPF-00547659 225mg	Week12	AC124890	protein_coding	chr12	69186125	69187743 +	1619	23.72044	0.01768	0.5791	0.150756	3.841301	0.000149	0.055135	1
ENSG00000149929.11	TREATTXTPF-00547659 225mg	Week12	HIRIP3	protein_coding	chr16	30003645	30007757 -	3928	568.4188	0.001105	0.3507	0.091345	3.839309	0.000151	0.055135	1
ENSG00000101298.9	TREATTXTPF-00547659 225mg	Week12	SNPH	protein_coding	chr20	1246960	1289972 +	5572	599.305	0	0.42339	0.110305	3.838372	0.000151	0.055135	1
ENSG00000120800.4	TREATTXTPF-00547659 225mg	Week12	UTP20	protein_coding	chr12	101673887	101780394 +	10024	479.2287	0	0.439715	0.114577	3.837737	0.000151	0.055135	1
ENSG00000168066.16	TREATTXTPF-00547659 225mg	Week12	SF1	protein_coding	chr11	64532078	64546258 -	5972	17926	0	0.16571	0.043208	3.835181	0.000153	0.055135	1
ENSG00000172794.15	TREATTXTPF-00547659 75mg	Week12	RAB37	protein_coding	chr17	72666717	72743474 +	5074	7786.986	0	0.178505	0.046557	3.834143	0.000154	0.055135	1
ENSG00000128973.7	TREATTXTPF-00547659 75mg	Week12	CLN6	protein_coding	chr15	68499330	68549549 -	4225	1406.41	0	0.250255	0.065339	3.830101	0.000156	0.055135	1
ENSG00000031823.10	TREATTXTPF-00547659 225mg	Week12	RANBP3	protein_coding	chr19	5916150	5978153 -	7445	3953.925	0	0.169144	0.044163	3.830001	0.000156	0.055135	1
ENSG00000015532.5	TREATTXTPF-00547659 225mg	Week12	XYLT2	protein_coding	chr17	48423453	48440499 +	5472	1191.074	0	0.278818	0.07282	3.828869	0.000157	0.055135	1
ENSG00000236144.2	TREATTXTPF-00547659 225mg	Week12	AD000090	antisense	chr19	36031640	36036931 -	4859	343.7127	0.001105	0.424741	0.110954	3.828073	0.000157	0.055135	1
ENSG00000135426.10	TREATTXTPF-00547659 225mg	Week12	TESPA1	protein_coding	chr12	55341802	55378530 -	5025	3513.955	0	0.403593	0.105443	3.827591	0.000158	0.055135	1

ENSG00000129347.15	TREATTXTPF-00547659 225mg	Week12	KRI1	protein_coding	chr19	10663761	10676713 -	4260	2039.14	0	0.320183	0.083668	3.826826	0.000158	0.055135	1
ENSG00000160223.12	TREATTXTPF-00547659 225mg	Week12	ICOSLG	protein_coding	chr21	45642874	45660849 -	8110	856.5901	0	0.38419	0.100417	3.825965	0.000159	0.055135	1
ENSG00000184205.10	TREATTXTPF-00547659 225mg	Week12	TSPYL2	protein_coding	chrX	53111549	53117722 +	4948	1157.702	0	0.384098	0.100398	3.825764	0.000159	0.055135	1
ENSG00000111203.7	TREATTXTPF-00547659 225mg	Week12	ITFG2	protein_coding	chr12	2921788	2968957 +	6250	1362.528	0	0.320372	0.083776	3.824135	0.00016	0.055135	1
ENSG00000122965.6	TREATTXTPF-00547659 225mg	Week12	RBM19	protein_coding	chr12	114254543	114404176 -	5909	1259.526	0	0.314764	0.082336	3.82294	0.00016	0.055135	1
ENSG00000140829.7	TREATTXTPF-00547659 225mg	Week12	DHX38	protein_coding	chr16	72127461	72146811 +	6209	3005.487	0	0.209465	0.054823	3.820754	0.000162	0.055135	1
ENSG00000169129.10	TREATTXTPF-00547659 225mg	Week12	AFAP1L2	protein_coding	chr10	116054583	116164515 -	5948	147.5392	0	0.374486	0.098016	3.820676	0.000162	0.055135	1
ENSG00000119714.6	TREATTXTPF-00547659 75mg	Week12	GPR68	protein_coding	chr14	91698876	91720269 -	3278	516.3768	0	0.427573	0.111968	3.818697	0.000163	0.055135	1
ENSG00000197358.8	TREATTXTPF-00547659 225mg	Week12	BNIP3P1	pseudogene	chr14	28733596	28735180 +	1585	0.851934	0.794475	0.35724	0.093588	3.817173	0.000164	0.055135	1
ENSG00000132182.7	TREATTXTPF-00547659 225mg	Week12	NUP210	protein_coding	chr3	13357737	13461809 -	8180	8032.115	0	0.324088	0.084924	3.81623	0.000165	0.055135	1
ENSG00000234771.2	TREATTXTPF-00547659 225mg	Week12	RP11-395F	antisense	chr9	130873450	130881013 -	3958	646.7602	0	0.421262	0.110417	3.815193	0.000165	0.055135	1
ENSG00000062524.11	TREATTXTPF-00547659 75mg	Week12	LTK	protein_coding	chr15	41795836	41806085 -	3490	317.1171	0	0.466321	0.122244	3.814674	0.000166	0.055135	1
ENSG00000184677.12	TREATTXTPF-00547659 225mg	Week12	ZBTB40	protein_coding	chr1	22778344	22857650 +	8992	2474.501	0	0.389545	0.102122	3.814518	0.000166	0.055135	1
ENSG00000181026.13	TREATTXTPF-00547659 225mg	Week12	AEN	protein_coding	chr15	89164527	89175513 +	6018	1000.23	0	0.333833	0.087532	3.81383	0.000166	0.055135	1
ENSG00000015676.13	TREATTXTPF-00547659 225mg	Week12	NUDCD3	protein_coding	chr7	44418720	44530479 -	10113	2804.639	0	0.256063	0.067161	3.812696	0.000167	0.055135	1
ENSG00000141720.7	TREATTXTPF-00547659 225mg	Week12	PIP4K2B	protein_coding	chr17	36921942	36956379 -	6135	2961.069	0	0.254376	0.06672	3.812593	0.000167	0.055135	1
ENSG00000130787.9	TREATTXTPF-00547659 225mg	Week12	HIP1R	protein_coding	chr12	123319000	123347507 +	7102	1376.288	0	0.418365	0.109764	3.811476	0.000168	0.055135	1
ENSG00000108963.13	TREATTXTPF-00547659 225mg	Week12	DPH1	protein_coding	chr17	1933404	1946724 +	5757	516.5006	0	0.400709	0.10515	3.810847	0.000168	0.055135	1
ENSG00000141384.7	TREATTXTPF-00547659 225mg	Week12	TAF4B	protein_coding	chr18	23805900	23971649 +	5395	247.8398	0.003315	0.594231	0.155938	3.810682	0.000168	0.055135	1
ENSG00000215012.4	TREATTXTPF-00547659 225mg	Week12	C22orf29	protein_coding	chr22	19833661	19842419 -	6803	902.4409	0	0.282925	0.074251	3.810369	0.000168	0.055135	1
ENSG00000181754.6	TREATTXTPF-00547659 225mg	Week12	AMIGO1	protein_coding	chr1	110046797	110052360 -	5144	897.0972	0	0.439684	0.1154	3.810078	0.000169	0.055135	1
ENSG00000197093.6	TREATTXTPF-00547659 225mg	Week12	GAL3ST4	protein_coding	chr7	99756867	99766373 -	3397	392.8243	0	0.452235	0.118762	3.807919	0.00017	0.055135	1
ENSG00000159753.9	TREATTXTPF-00547659 225mg	Week12	RLTPR	protein_coding	chr16	67678822	67691472 +	7699	2129.309	0	0.393828	0.103428	3.807753	0.00017	0.055135	1
ENSG00000258634.2	TREATTXTPF-00547659 225mg	Week12	RP4-773N	antisense	chr1	110600962	110605177 +	4216	411.4442	0.001105	0.294294	0.077292	3.807588	0.00017	0.055135	1
ENSG00000134460.11	TREATTXTPF-00547659 225mg	Week12	IL2RA	protein_coding	chr10	6052652	6104288 -	3176	531.7204	0	0.444518	0.116773	3.806674	0.000171	0.055135	1
ENSG00000257337.2	TREATTXTPF-00547659 225mg	Week12	RP11-983F	antisense	chr12	53408380	53448222 -	4990	12.90055	0.055249	0.612398	0.160877	3.806623	0.000171	0.055135	1
ENSG00000082438.11	TREATTXTPF-00547659 225mg	Week12	COBLL1	protein_coding	chr2	165510134	165700189 -	17176	265.6608	0.001105	0.524151	0.137707	3.806277	0.000171	0.055135	1
ENSG00000112659.9	TREATTXTPF-00547659 225mg	Week12	CUL9	protein_coding	chr6	43149913	43192325 +	12251	1713.996	0	0.238189	0.062598	3.805022	0.000172	0.055135	1
ENSG00000205047.3	TREATTXTPF-00547659 225mg	Week12	FLJ00104	protein_coding	chr16	87731749	87739290 -	6938	209.0829	0.003315	0.538618	0.141594	3.803951	0.000173	0.055135	1
ENSG00000128908.11	TREATTXTPF-00547659 225mg	Week12	INO80	protein_coding	chr15	41271078	41408552 -	7014	1813.225	0	0.299451	0.078737	3.803168	0.000173	0.055135	1
ENSG00000197912.9	TREATTXTPF-00547659 225mg	Week12	SPG7	protein_coding	chr16	89557325	89624176 +	10035	3212.859	0	0.223336	0.058747	3.801668	0.000174	0.055135	1
ENSG00000166348.13	TREATTXTPF-00547659 225mg	Week12	USP54	protein_coding	chr10	75257296	75385711 -	9850	118.5691	0.00442	0.47436	0.124818	3.800407	0.000175	0.055135	1
ENSG00000105486.9	TREATTXTPF-00547659 225mg	Week12	LIG1	protein_coding	chr19	48618702	48673860 -	6572	1177.871	0	0.32887	0.086571	3.798844	0.000176	0.055135	1
ENSG00000111676.10	TREATTXTPF-00547659 225mg	Week12	ATN1	protein_coding	chr12	7033626	7051484 +	4762	1127.069	0	0.359312	0.094602	3.798147	0.000176	0.055135	1
ENSG00000111445.9	TREATTXTPF-00547659 225mg	Week12	RFC5	protein_coding	chr12	118451393	118470935 +	3248	369.4077	0.001105	0.293114	0.077174	3.798113	0.000176	0.055135	1
ENSG00000090621.9	TREATTXTPF-00547659 225mg	Week12	PABPC4	protein_coding	chr1	40026488	40042462 -	6782	5678.208	0	0.280306	0.073821	3.797082	0.000177	0.055135	1
ENSG00000204084.8	TREATTXTPF-00547659 225mg	Week12	INPP5B	protein_coding	chr1	38326369	38412729 -	9099	1671.701	0	0.275513	0.072566	3.796729	0.000177	0.055135	1
ENSG00000081059.15	TREATTXTPF-00547659 225mg	Week12	TCF7	protein_coding	chr5	133450402	133487556 +	10063	14589.82	0	0.459989	0.121167	3.796315	0.000178	0.055135	1
ENSG00000255569.1	TREATTXTPF-00547659 225mg	Week12	TRAV1-1	TR_V_gene	chr14	22089991	22090720 +	392	52.61989	0.014365	0.598461	0.157714	3.794597	0.000179	0.055135	1
ENSG00000136699.15	TREATTXTPF-00547659 225mg	Week12	SMPD4	protein_coding	chr2	130908981	130940323 -	7441	1816.918	0	0.309281	0.081507	3.794528	0.000179	0.055135	1
ENSG00000198089.10	TREATTXTPF-00547659 225mg	Week12	SFI1	protein_coding	chr22	31884674	32014572 +	12038	2431.186	0	0.312746	0.082432	3.793991	0.000179	0.055135	1
ENSG00000179837.6	TREATTXTPF-00547659 225mg	Week12	RBM15B	protein_coding	chr3	51428731	51435330 +	6600	3243.796	0	0.240436	0.063403	3.792217	0.000181	0.055135	1
ENSG00000181894.10	TREATTXTPF-00547659 225mg	Week12	ZNF329	protein_coding	chr19	58637619	58666477 -	4306	390.1878	0	0.369666	0.097493	3.791713	0.000181	0.055135	1
ENSG00000111752.6	TREATTXTPF-00547659 225mg	Week12	PHC1	protein_coding	chr12	9066492	9094063 +	6090	559.7448	0	0.422167	0.111435	3.788467	0.000183	0.055135	1
ENSG00000132382.10	TREATTXTPF-00547659 225mg	Week12	MYBBP1A	protein_coding	chr17	4442192	4458926 -	6203	1522.821	0	0.334225	0.08824	3.787684	0.000184	0.055135	1
ENSG00000072736.14	TREATTXTPF-00547659 75mg	Week12	NFATC3	protein_coding	chr16	68118654	68263162 +	8806	4184.881	0	0.258092	0.068145	3.787411	0.000184	0.055135	1
ENSG00000103064.9	TREATTXTPF-00547659 225mg	Week12	SLC7A6	protein_coding	chr16	68298433	68335722 +	7570	3429.44	0	0.406114	0.107231	3.787286	0.000184	0.055135	1
ENSG00000142512.10	TREATTXTPF-00547659 75mg	Week12	SIGLEC10	protein_coding	chr19	51913275	51921057 -	3667	7939.117	0	0.307587	0.081224	3.786879	0.000184	0.055135	1
ENSG00000107263.14	TREATTXTPF-00547659 75mg	Week12	RAPGEF1	protein_coding	chr9	134452157	134615461 -	7123	9571.687	0	0.218169	0.05763	3.785705	0.000185	0.055135	1
ENSG00000204176.9	TREATTXTPF-00547659 22.5mg	Week12	SYT15	protein_coding	chr10	46955444	46971400 -	7158	4.665193	0.311602	0.599911	0.158471	3.785614	0.000185	0.055135	1
ENSG00000266904.1	TREATTXTPF-00547659 225mg	Week12	LINC00663	lincRNA	chr19	19868175	19887232 -	4334	81.39558	0.007735	0.463104	0.12235	3.785071	0.000186	0.055135	1
ENSG00000261533.1	TREATTXTPF-00547659 225mg	Week12	RP11-15N	sense_overlapping	chr3	99898411	99900574 +	2164	9.023204	0.120442	0.586498	0.15498	3.784346	0.000186	0.055135	1
ENSG00000205356.5	TREATTXTPF-00547659 225mg	Week12	TECPR1	protein_coding	chr7	97843936	97881563 -	9096	3743.146	0	0.201559	0.053264	3.78418	0.000186	0.055135	1

ENSG00000099822.2	TREATTXTPF-00547659 75mg	Week12	HCN2	protein_coding	chr19	589893	617159 +	3408	91.63646	0	0.39872	0.105397	3.783045	0.000187	0.055135	1
ENSG00000110274.10	TREATTXTPF-00547659 225mg	Week12	CEP164	protein_coding	chr11	117185273	117283984 +	11851	1393.25	0	0.245125	0.064833	3.780883	0.000189	0.055135	1
ENSG00000144535.15	TREATTXTPF-00547659 225mg	Week12	DIS3L2	protein_coding	chr2	232825955	233209060 +	11341	667.9171	0	0.300934	0.079636	3.778887	0.00019	0.055135	1
ENSG00000129355.6	TREATTXTPF-00547659 225mg	Week12	CDKN2D	protein_coding	chr19	10677138	10679735 -	1503	5932.419	0	-0.24972	0.066089	-3.77846	0.00019	0.055135	1
ENSG00000166341.6	TREATTXTPF-00547659 225mg	Week12	DCHS1	protein_coding	chr11	6642556	6677085 -	10763	345.5547	0.001105	0.493401	0.130628	3.777149	0.000191	0.055135	1
ENSG00000170949.13	TREATTXTPF-00547659 225mg	Week12	ZNF160	protein_coding	chr19	53569859	53606689 -	8511	1226.193	0	0.310245	0.082141	3.776969	0.000191	0.055135	1
ENSG0000005884.13	TREATTXTPF-00547659 75mg	Week12	ITGA3	protein_coding	chr17	48133332	48167845 +	9802	186.1304	0.001105	0.412187	0.109155	3.77616	0.000192	0.055135	1
ENSG00000146021.10	TREATTXTPF-00547659 225mg	Week12	KLHL3	protein_coding	chr5	136953189	137071779 -	12173	377.0641	0	0.531054	0.140639	3.776022	0.000192	0.055135	1
ENSG00000185163.5	TREATTXTPF-00547659 225mg	Week12	DDX51	protein_coding	chr12	132621139	132628880 -	6365	867.6751	0	0.325387	0.086194	3.775072	0.000193	0.055135	1
ENSG00000130254.7	TREATTXTPF-00547659 225mg	Week12	SAFB2	protein_coding	chr19	5587010	5624057 -	6222	3154.259	0	0.184105	0.04877	3.774932	0.000193	0.055135	1
ENSG00000143365.12	TREATTXTPF-00547659 75mg	Week12	RORC	protein_coding	chr1	151778547	151804348 -	6314	344.2475	0	0.418982	0.110996	3.774758	0.000193	0.055135	1
ENSG00000160293.12	TREATTXTPF-00547659 225mg	Week12	VAV2	protein_coding	chr9	136627016	136857726 -	5682	665.411	0	0.389195	0.103127	3.773921	0.000194	0.055135	1
ENSG00000160683.4	TREATTXTPF-00547659 75mg	Week12	CXCR5	protein_coding	chr11	118754475	118768508 +	4431	1337.429	0.001105	0.450535	0.119382	3.773893	0.000194	0.055135	1
ENSG00000184271.11	TREATTXTPF-00547659 225mg	Week12	POU6F1	protein_coding	chr12	51580719	51611477 -	6021	686.8022	0.001105	0.424878	0.112594	3.773556	0.000194	0.055135	1
ENSG00000152556.11	TREATTXTPF-00547659 225mg	Week12	PFKM	protein_coding	chr12	48498922	48540187 +	7284	443.9591	0	0.30211	0.080074	3.772865	0.000194	0.055135	1
ENSG00000097096.8	TREATTXTPF-00547659 225mg	Week12	SYDE2	protein_coding	chr1	85622556	85666729 -	6451	15.26851	0.086188	0.722405	0.191519	3.771976	0.000195	0.055135	1
ENSG00000184110.10	TREATTXTPF-00547659 225mg	Week12	EIF3C	protein_coding	chr16	28699879	28747051 +	6982	261.4851	0	0.356453	0.094503	3.771869	0.000195	0.055135	1
ENSG00000171408.9	TREATTXTPF-00547659 225mg	Week12	PDE7B	protein_coding	chr6	136172834	136516712 +	5708	42.11934	0.020994	0.676731	0.179418	3.771811	0.000195	0.055135	1
ENSG00000253846.1	TREATTXTPF-00547659 225mg	Week12	PCDHGA1	protein_coding	chr5	140792743	140892546 +	4617	4.40663	0.330387	0.614092	0.162876	3.770299	0.000196	0.055135	1
ENSG00000177239.10	TREATTXTPF-00547659 225mg	Week12	MAN1B1	protein_coding	chr9	139981379	140003635 +	8327	2914.365	0	0.223692	0.059332	3.770156	0.000196	0.055135	1
ENSG00000125447.12	TREATTXTPF-00547659 225mg	Week12	GGA3	protein_coding	chr17	73232694	73258444 -	6626	4288.743	0	0.168587	0.044719	3.769906	0.000197	0.055135	1
ENSG00000264473.1	TREATTXTPF-00547659 225mg	Week12	hsa-mir-45	miRNA	chr14	106324334	106324411 -	78	36.9105	0.020994	0.673318	0.178631	3.769323	0.000197	0.055135	1
ENSG00000136573.8	TREATTXTPF-00547659 75mg	Week12	BLK	protein_coding	chr8	11351510	11422113 +	4803	1461.55	0	0.396761	0.105317	3.767291	0.000199	0.055401	1
ENSG00000119599.12	TREATTXTPF-00547659 225mg	Week12	DCAF4	protein_coding	chr14	73393040	73426411 +	5581	343.5624	0.001105	0.375558	0.099735	3.765568	0.0002	0.055466	1
ENSG00000139645.9	TREATTXTPF-00547659 225mg	Week12	ANKRD52	protein_coding	chr12	56631591	56652175 -	8820	2085.291	0	0.283328	0.075244	3.76545	0.0002	0.055466	1
ENSG00000135898.5	TREATTXTPF-00547659 75mg	Week12	GPR55	protein_coding	chr2	231772033	231825781 -	4130	293.2188	0	0.395214	0.10498	3.764661	0.000201	0.055472	1
ENSG00000087269.11	TREATTXTPF-00547659 225mg	Week12	NOP14	protein_coding	chr4	2939660	2965112 -	3538	1724.293	0	0.293533	0.077987	3.763854	0.000201	0.055481	1
ENSG00000184613.6	TREATTXTPF-00547659 225mg	Week12	NELL2	protein_coding	chr12	44902058	45315631 -	6424	1938.853	0	0.518426	0.137797	3.762232	0.000203	0.055664	1
ENSG00000247982.2	TREATTXTPF-00547659 225mg	Week12	LINC00926	lincRNA	chr15	57592563	57599959 +	3124	1917.545	0.001105	0.541255	0.143953	3.759929	0.000204	0.05576	1
ENSG00000136153.15	TREATTXTPF-00547659 225mg	Week12	LMO7	protein_coding	chr13	76194570	76434004 +	13143	347.4011	0.00221	0.462995	0.123175	3.758836	0.000205	0.05576	1
ENSG00000167074.10	TREATTXTPF-00547659 225mg	Week12	TEF	protein_coding	chr22	41763337	41795330 +	4715	527.9856	0	0.369101	0.098204	3.758517	0.000205	0.05576	1
ENSG00000211794.3	TREATTXTPF-00547659 75mg	Week12	TRAV12-3	TR_V_gene	chr14	22433680	22434290 +	399	183.3669	0.00221	0.461971	0.122926	3.758134	0.000206	0.05576	1
ENSG00000272024.1	TREATTXTPF-00547659 225mg	Week12	RP11-546f	lincRNA	chr8	52862844	52863250 +	407	2.648619	0.466298	0.519696	0.13829	3.758013	0.000206	0.05576	1
ENSG00000238105.3	TREATTXTPF-00547659 225mg	Week12	GOLGA2B	pseudogene	chr12	100550135	100567437 -	10957	447.0851	0	0.443487	0.118036	3.757229	0.000206	0.055767	1
ENSG00000180758.10	TREATTXTPF-00547659 225mg	Week12	GPR157	protein_coding	chr1	9160364	9189229 -	5372	328.1757	0	0.351761	0.093664	3.755564	0.000208	0.055953	1
ENSG00000101868.6	TREATTXTPF-00547659 225mg	Week12	POLA1	protein_coding	chrX	24712036	25015103 +	6336	335.9569	0	0.374664	0.099784	3.754743	0.000208	0.055953	1
ENSG00000225614.2	TREATTXTPF-00547659 225mg	Week12	ZNF469	protein_coding	chr16	88493879	88507165 +	13287	107.4442	0.001105	0.462728	0.123283	3.75337	0.000209	0.055953	1
ENSG00000104880.13	TREATTXTPF-00547659 75mg	Week12	ARHGEF18	protein_coding	chr19	7459999	7537363 +	6235	5615.747	0	0.214153	0.057066	3.752761	0.00021	0.055953	1
ENSG00000142207.5	TREATTXTPF-00547659 225mg	Week12	URB1	protein_coding	chr21	33683329	33765335 -	11461	798.4575	0	0.354791	0.094544	3.752645	0.00021	0.055953	1
ENSG00000170445.8	TREATTXTPF-00547659 225mg	Week12	HARS	protein_coding	chr5	140052758	140071609 -	8436	2050.606	0	0.221744	0.05912	3.750717	0.000212	0.056208	1
ENSG00000106459.10	TREATTXTPF-00547659 225mg	Week12	NRF1	protein_coding	chr7	129251555	129396922 +	4125	1281.566	0	0.175248	0.046758	3.748002	0.000214	0.05635	1
ENSG00000154957.9	TREATTXTPF-00547659 75mg	Week12	ZNF18	protein_coding	chr17	11880756	11900827 -	3006	1025.505	0	0.157146	0.041928	3.747979	0.000214	0.05635	1
ENSG00000168781.17	TREATTXTPF-00547659 225mg	Week12	PIIP5K1	protein_coding	chr15	43825660	43882430 -	8054	285.2033	0.001105	0.368538	0.098357	3.746951	0.000215	0.05635	1
ENSG00000139613.7	TREATTXTPF-00547659 225mg	Week12	SMARCC2	protein_coding	chr12	56556767	56583351 -	8555	4390.657	0	0.252624	0.067431	3.746415	0.000215	0.05635	1
ENSG00000161791.9	TREATTXTPF-00547659 225mg	Week12	FNNL3	protein_coding	chr12	50031724	50101948 -	11982	1916.319	0	0.379545	0.101315	3.746183	0.000215	0.05635	1
ENSG00000234436.1	TREATTXTPF-00547659 75mg	Week12	ACO08984	pseudogene	chr19	54813047	54817309 -	404	60.9105	0.00442	-0.52243	0.139542	-3.74388	0.000217	0.05635	1
ENSG00000175970.7	TREATTXTPF-00547659 225mg	Week12	UNC119B	protein_coding	chr12	121148238	121161443 +	4560	1682.453	0	0.274073	0.073228	3.742732	0.000218	0.05635	1
ENSG00000059122.12	TREATTXTPF-00547659 225mg	Week12	FLYWCH1	protein_coding	chr16	2961938	3001209 +	8413	2181.004	0	0.352231	0.094124	3.742202	0.000219	0.05635	1
ENSG00000153563.11	TREATTXTPF-00547659 75mg	Week12	CDBA	protein_coding	chr2	87011729	87035519 -	3638	7478.793	0	0.414765	0.110862	3.741256	0.000219	0.05635	1
ENSG00000137073.16	TREATTXTPF-00547659 225mg	Week12	UBAP2	protein_coding	chr9	33921691	34048947 -	10610	839.2508	0	0.299097	0.079951	3.740993	0.00022	0.05635	1
ENSG00000180921.6	TREATTXTPF-00547659 225mg	Week12	FAM83H	protein_coding	chr8	144806103	144815971 -	5654	194.8088	0.001105	0.341195	0.091212	3.740699	0.00022	0.05635	1
ENSG00000101445.5	TREATTXTPF-00547659 225mg	Week12	PPP1R16B	protein_coding	chr20	37434348	37551667 +	6400	2970.737	0	0.382207	0.102223	3.738967	0.000221	0.05635	1
ENSG00000121417.9	TREATTXTPF-00547659 225mg	Week12	ZNF211	protein_coding	chr19	58141761	58154147 +	3301	916.1812	0	0.279858	0.074851	3.738848	0.000221	0.05635	1

ENSG00000164344.11	TREATTXTPF-00547659 225mg	Week12	KLKB1	protein_coding	chr4	187130133	187179625 +	2953	49.97348	0.01326	0.624476	0.167032	3.738658	0.000222	0.05635	1
ENSG00000005194.10	TREATTXTPF-00547659 225mg	Week12	CIAPIN1	protein_coding	chr16	57462081	57481440 -	3509	1261.075	0	0.235204	0.062912	3.738645	0.000222	0.05635	1
ENSG00000140326.8	TREATTXTPF-00547659 75mg	Week12	CDAN1	protein_coding	chr15	43015757	43029324 -	5428	607.1425	0	0.256813	0.068694	3.738527	0.000222	0.05635	1
ENSG00000111271.10	TREATTXTPF-00547659 225mg	Week12	ACAD10	protein_coding	chr12	112123857	112194903 +	8926	1121.897	0	0.184351	0.049328	3.737259	0.000223	0.056416	1
ENSG00000103415.7	TREATTXTPF-00547659 75mg	Week12	HMOX2	protein_coding	chr16	4524691	4560348 +	3793	3058.208	0	0.228708	0.061217	3.736	0.000224	0.056416	1
ENSG00000178921.9	TREATTXTPF-00547659 225mg	Week12	PFAS	protein_coding	chr17	8150936	8173809 +	6471	589.5359	0	0.340087	0.091033	3.735858	0.000224	0.056416	1
ENSG00000135392.11	TREATTXTPF-00547659 225mg	Week12	DNAJC14	protein_coding	chr12	56214744	56224608 -	4190	1322.778	0	0.184279	0.049354	3.733819	0.000226	0.056416	1
ENSG00000150337.9	TREATTXTPF-00547659 75mg	Week12	FCGR1A	protein_coding	chr1	149754227	149764074 +	2998	3521.94	0	-0.58042	0.15549	-3.73285	0.000226	0.056416	1
ENSG00000164742.10	TREATTXTPF-00547659 225mg	Week12	ADCY1	protein_coding	chr7	45613739	45762715 +	13530	3.697238	0.414365	0.585238	0.156783	3.732799	0.000227	0.056416	1
ENSG00000214203.4	TREATTXTPF-00547659 7.5mg	Week12	RPS4XP1	pseudogene	chr12	100402830	100403616 -	787	10.63757	0.055249	0.538473	0.144279	3.732158	0.000227	0.056416	1
ENSG00000185437.9	TREATTXTPF-00547659 22.5mg	Week12	SH3BGR	protein_coding	chr21	40817781	40887433 +	1495	21.82099	0.022099	0.534059	0.143114	3.731717	0.000227	0.056416	1
ENSG00000131845.10	TREATTXTPF-00547659 225mg	Week12	ZNF304	protein_coding	chr19	57862675	57871266 +	4609	468.1779	0	0.391678	0.104961	3.731663	0.000227	0.056416	1
ENSG00000167595.10	TREATTXTPF-00547659 225mg	Week12	C19orf55	protein_coding	chr19	36249044	36261930 +	6328	539.3094	0	0.256334	0.068712	3.730547	0.000228	0.056416	1
ENSG00000146830.9	TREATTXTPF-00547659 225mg	Week12	GIGYF1	protein_coding	chr7	100277130	100287071 -	6709	5025.078	0	0.20894	0.056039	3.728474	0.00023	0.056416	1
ENSG00000105369.5	TREATTXTPF-00547659 75mg	Week12	CD79A	protein_coding	chr19	42381190	42385439 +	1503	5494.951	0	0.433823	0.116356	3.728418	0.00023	0.056416	1
ENSG00000196756.7	TREATTXTPF-00547659 225mg	Week12	SNHG17	processed_transcript	chr20	37049235	37063996 -	4186	532.7514	0	0.322444	0.086488	3.728206	0.00023	0.056416	1
ENSG00000197077.8	TREATTXTPF-00547659 75mg	Week12	KIAA1671	protein_coding	chr22	25348697	25593415 +	15818	343.853	0.001105	0.565268	0.151655	3.727334	0.000231	0.056416	1
ENSG00000178199.9	TREATTXTPF-00547659 225mg	Week12	ZC3H12D	protein_coding	chr6	149768794	149806197 -	5163	1196.696	0	0.470992	0.126392	3.72643	0.000232	0.056416	1
ENSG0000021406.4	TREATTXTPF-00547659 225mg	Week12	ZNF549	protein_coding	chr19	58038693	58068910 +	9279	435.4287	0.00221	0.491091	0.131791	3.726279	0.000232	0.056416	1
ENSG00000235106.4	TREATTXTPF-00547659 225mg	Week12	LINC00094	antisense	chr9	136890561	136899788 +	5994	545.1359	0	0.322591	0.086574	3.726206	0.000232	0.056416	1
ENSG00000096093.10	TREATTXTPF-00547659 225mg	Week12	EFHC1	protein_coding	chr6	52285106	52387892 +	7510	217.347	0	0.3827	0.102716	3.725797	0.000233	0.056416	1
ENSG00000183826.12	TREATTXTPF-00547659 225mg	Week12	BTBD9	protein_coding	chr6	38136227	38607924 -	9451	1045.173	0	0.208419	0.05595	3.725117	0.000233	0.056417	1
ENSG00000115207.9	TREATTXTPF-00547659 225mg	Week12	GTF3C2	protein_coding	chr2	27548716	27579868 -	5704	2700.61	0	0.245361	0.06589	3.723785	0.000234	0.056464	1
ENSG00000131089.9	TREATTXTPF-00547659 225mg	Week12	ARHGFE9	protein_coding	chrX	62854847	63005426 -	6673	698.7834	0	0.355446	0.095459	3.723552	0.000235	0.056464	1
ENSG00000168685.10	TREATTXTPF-00547659 225mg	Week12	IL7R	protein_coding	chr5	35852797	35879705 +	6060	19146.59	0	0.466133	0.125232	3.722145	0.000236	0.056467	1
ENSG00000198019.8	TREATTXTPF-00547659 75mg	Week12	FCGR1B	protein_coding	chr1	120926979	120935937 -	1392	1191.251	0	-0.47044	0.126399	-3.72186	0.000236	0.056467	1
ENSG00000171791.10	TREATTXTPF-00547659 225mg	Week12	BCL2	protein_coding	chr18	60790579	60987361 -	7665	2821.994	0	0.458674	0.123249	3.721532	0.000236	0.056467	1
ENSG00000159267.10	TREATTXTPF-00547659 225mg	Week12	HLC5	protein_coding	chr21	38123189	38362536 -	7708	394.7956	0	0.370863	0.099726	3.718805	0.000239	0.056891	1
ENSG00000166689.10	TREATTXTPF-00547659 225mg	Week12	PLEKHA7	protein_coding	chr11	16799842	17035990 -	9575	108.5978	0.003315	0.471229	0.126773	3.717116	0.00024	0.056891	1
ENSG00000110844.9	TREATTXTPF-00547659 225mg	Week12	PRPF40B	protein_coding	chr12	49962001	50038449 +	9444	156.0486	0.001105	0.397789	0.10702	3.71696	0.000241	0.056891	1
ENSG00000183019.3	TREATTXTPF-00547659 225mg	Week12	C19orf59	protein_coding	chr19	7741514	7744712 +	1906	3653.652	0	-0.731	0.196669	-3.71691	0.000241	0.056891	1
ENSG00000250602.1	TREATTXTPF-00547659 225mg	Week12	RP11-5171	antisense	chr5	125769197	125826063 -	1689	3.352486	0.394475	0.54887	0.147751	3.714841	0.000242	0.056931	1
ENSG00000119509.8	TREATTXTPF-00547659 225mg	Week12	INVS	protein_coding	chr9	102861538	103063282 +	6241	348.495	0	0.301167	0.081072	3.714799	0.000242	0.056931	1
ENSG00000075856.7	TREATTXTPF-00547659 225mg	Week12	SART3	protein_coding	chr12	108916357	108955176 -	7270	2507.497	0	0.263166	0.070854	3.714204	0.000243	0.056931	1
ENSG00000173473.6	TREATTXTPF-00547659 225mg	Week12	SMARCC1	protein_coding	chr3	47626762	47823596 -	7645	3983.864	0	0.253243	0.068208	3.712831	0.000244	0.056931	1
ENSG00000162739.9	TREATTXTPF-00547659 75mg	Week12	SLAMF6	protein_coding	chr1	160454820	160493052 -	2746	3623.271	0	0.329959	0.088878	3.712511	0.000245	0.056931	1
ENSG00000117090.10	TREATTXTPF-00547659 225mg	Week12	SLAMF1	protein_coding	chr1	160577890	160617085 -	4219	1221.752	0	0.385726	0.103903	3.712371	0.000245	0.056931	1
ENSG00000153790.7	TREATTXTPF-00547659 225mg	Week12	C7orf31	protein_coding	chr7	25174316	25219975 -	3837	368.853	0	0.362705	0.097708	3.712142	0.000245	0.056931	1
ENSG00000180357.5	TREATTXTPF-00547659 225mg	Week12	ZNF609	protein_coding	chr15	64752941	64978264 +	12111	2234.587	0	0.313325	0.084492	3.708346	0.000248	0.057286	1
ENSG00000133422.8	TREATTXTPF-00547659 225mg	Week12	MORC2	protein_coding	chr22	31321117	31364284 -	6258	2040.378	0	0.311979	0.084131	3.708271	0.000249	0.057286	1
ENSG00000001497.12	TREATTXTPF-00547659 225mg	Week12	LAS1L	protein_coding	chrX	64732462	64754655 -	5589	1177.853	0	0.285862	0.077093	3.708013	0.000249	0.057286	1
ENSG00000175376.4	TREATTXTPF-00547659 225mg	Week12	EIF1AD	protein_coding	chr11	65764016	65796947 -	3327	1475.42	0	0.189373	0.051079	3.707452	0.000249	0.057286	1
ENSG00000162408.10	TREATTXTPF-00547659 225mg	Week12	NOL9	protein_coding	chr1	6581407	6614595 -	7293	1218.192	0	0.330356	0.089125	3.706654	0.00025	0.057286	1
ENSG00000148840.6	TREATTXTPF-00547659 225mg	Week12	PPRC1	protein_coding	chr10	103892787	103910082 +	6053	1249.856	0	0.314846	0.084948	3.70635	0.00025	0.057286	1
ENSG00000179912.15	TREATTXTPF-00547659 225mg	Week12	R3HDM2	protein_coding	chr12	57643392	57824788 -	6267	2283.687	0	0.180363	0.048676	3.70537	0.000251	0.057286	1
ENSG00000119596.13	TREATTXTPF-00547659 225mg	Week12	YLPM1	protein_coding	chr14	75230069	75322244 +	10749	2180.602	0	0.306007	0.082585	3.70535	0.000251	0.057286	1
ENSG00000165055.11	TREATTXTPF-00547659 225mg	Week12	METTL2B	protein_coding	chr7	128116783	128146656 +	6749	559.3834	0	0.304644	0.082262	3.703323	0.000253	0.057348	1
ENSG00000006062.9	TREATTXTPF-00547659 225mg	Week12	MAP3K14	processed_transcript	chr17	43340488	43394414 +	5132	2706.144	0	0.237159	0.064044	3.703088	0.000253	0.057348	1
ENSG00000136068.10	TREATTXTPF-00547659 225mg	Week12	FLNB	protein_coding	chr3	57994127	58157982 +	13956	1593.845	0	0.357259	0.096493	3.70245	0.000254	0.057348	1
ENSG00000162894.7	TREATTXTPF-00547659 75mg	Week12	FAIM3	protein_coding	chr1	207077731	207096592 -	2348	8873.392	0	0.364506	0.09846	3.702078	0.000254	0.057348	1
ENSG00000167483.13	TREATTXTPF-00547659 225mg	Week12	FAM129C	protein_coding	chr19	17634110	17664648 +	6628	1622.45	0	0.477868	0.129087	3.701895	0.000255	0.057348	1
ENSG00000090975.8	TREATTXTPF-00547659 225mg	Week12	PITPNM2	protein_coding	chr12	123468027	123634562 -	9165	1094.808	0	0.311749	0.084263	3.699709	0.000257	0.057685	1
ENSG00000211809.2	TREATTXTPF-00547659 75mg	Week12	TRAV27	TR_V_gene	chr14	22615949	22616587 +	425	90.28619	0.005525	0.529988	0.14333	3.697674	0.000259	0.057742	1



ENSG00000162241.8	TREATTXTPF-00547659 225mg	Week12	SLC25A45	protein_coding	chr11	65142663	65151172 -	7855	1159.107	0	0.291914	0.078948	3.69756	0.000259	0.057742	1
ENSG00000182463.11	TREATTXTPF-00547659 225mg	Week12	TSHZ2	protein_coding	chr20	51588946	52111869 +	12582	202.9635	0.00442	0.603816	0.163311	3.697345	0.000259	0.057742	1
ENSG00000152022.7	TREATTXTPF-00547659 75mg	Week12	LIX1L	protein_coding	chr1	145477085	145501669 +	3979	2339.228	0	0.224211	0.060648	3.696944	0.000259	0.057742	1
ENSG00000067369.9	TREATTXTPF-00547659 225mg	Week12	TP53BP1	protein_coding	chr15	43699407	43802926 -	8843	925.2243	0	0.281435	0.076142	3.696192	0.00026	0.05777	1
ENSG00000020256.15	TREATTXTPF-00547659 225mg	Week12	ZFP64	protein_coding	chr20	50668202	50820847 -	6997	418.589	0	0.335344	0.090752	3.695188	0.000261	0.057853	1
ENSG00000112159.7	TREATTXTPF-00547659 225mg	Week12	MDN1	protein_coding	chr6	90352218	90529442 -	18602	1596.499	0	0.407867	0.110406	3.694229	0.000262	0.057927	1
ENSG00000065357.15	TREATTXTPF-00547659 225mg	Week12	DGKA	protein_coding	chr12	56321103	56347811 +	10215	7500.47	0	0.293984	0.079639	3.691469	0.000265	0.058244	1
ENSG00000126767.13	TREATTXTPF-00547659 225mg	Week12	ELK1	protein_coding	chrX	47494920	47510003 -	3398	1108.635	0	0.238603	0.064647	3.690835	0.000265	0.058244	1
ENSG00000072858.6	TREATTXTPF-00547659 225mg	Week12	SIDT1	protein_coding	chr3	113251143	113348425 +	8072	1149.919	0	0.376815	0.102107	3.690386	0.000266	0.058244	1
ENSG00000004975.7	TREATTXTPF-00547659 225mg	Week12	DVL2	protein_coding	chr17	7128660	7137864 -	5350	1053.295	0	0.269434	0.073011	3.690309	0.000266	0.058244	1
ENSG00000174151.10	TREATTXTPF-00547659 225mg	Week12	CYB561D1	protein_coding	chr1	110036674	110045554 +	5690	2841.366	0	0.213318	0.057829	3.688776	0.000267	0.058334	1
ENSG00000078699.17	TREATTXTPF-00547659 225mg	Week12	CBFA2T2	protein_coding	chr20	32077881	32237842 +	9457	1391.811	0	0.340721	0.092374	3.68849	0.000268	0.058334	1
ENSG00000168763.11	TREATTXTPF-00547659 225mg	Week12	CNNM3	protein_coding	chr2	97481982	97499648 +	4416	1500.319	0	0.232685	0.063095	3.687874	0.000268	0.058334	1
ENSG00000106952.3	TREATTXTPF-00547659 225mg	Week12	TNFSF8	protein_coding	chr9	117656003	117692697 -	2348	1459.597	0	0.297351	0.08065	3.686915	0.000269	0.058334	1
ENSG00000249673.2	TREATTXTPF-00547659 225mg	Week12	NOP14-AS	antisense	chr4	2936626	2963465 +	7195	469.7823	0	0.243432	0.066036	3.686349	0.00027	0.058334	1
ENSG00000006555.6	TREATTXTPF-00547659 225mg	Week12	TTC22	protein_coding	chr1	55245385	55266940 -	6055	669.8641	0	0.288851	0.078366	3.685929	0.00027	0.058334	1
ENSG00000138074.10	TREATTXTPF-00547659 225mg	Week12	SLCSA6	protein_coding	chr2	27422455	27435826 -	5606	722.4166	0	0.284046	0.077069	3.685631	0.000271	0.058334	1
ENSG00000126746.13	TREATTXTPF-00547659 225mg	Week12	ZNF384	protein_coding	chr12	6775643	6798738 -	5181	3028.229	0	0.179045	0.048592	3.684673	0.000272	0.058411	1
ENSG00000166405.10	TREATTXTPF-00547659 225mg	Week12	RIC3	protein_coding	chr11	8127597	8190602 -	7700	329.6641	0.00221	0.576827	0.15662	3.682971	0.000273	0.058653	1
ENSG00000182841.8	TREATTXTPF-00547659 225mg	Week12	RRP7B	pseudogene	chr22	42951229	42978044 -	5092	285.6133	0	0.40002	0.108648	3.681788	0.000275	0.058698	1
ENSG00000196235.9	TREATTXTPF-00547659 225mg	Week12	SUPT5H	protein_coding	chr19	39926796	39967310 +	8191	5611.372	0	0.19787	0.05375	3.681296	0.000275	0.058698	1
ENSG00000196724.8	TREATTXTPF-00547659 225mg	Week12	ZNF418	protein_coding	chr19	58433252	58446761 -	4501	136.4243	0	0.437772	0.118929	3.680963	0.000275	0.058698	1
ENSG00000139725.3	TREATTXTPF-00547659 75mg	Week12	RHOF	protein_coding	chr12	122215664	122241309 -	6177	4453.059	0	0.271433	0.073754	3.680255	0.000276	0.058722	1
ENSG00000007516.9	TREATTXTPF-00547659 225mg	Week12	BAIAP3	protein_coding	chr16	1383602	1399439 +	6143	752.8044	0	0.406635	0.110526	3.679101	0.000277	0.058845	1
ENSG00000141665.7	TREATTXTPF-00547659 225mg	Week12	FBXO15	protein_coding	chr18	71740588	71815100 -	6198	18.35359	0.035359	0.639359	0.173854	3.677569	0.000279	0.058953	1
ENSG00000113263.8	TREATTXTPF-00547659 225mg	Week12	ITK	protein_coding	chr5	156569944	156682201 +	8604	5879.534	0	0.460734	0.125303	3.676971	0.00028	0.058953	1
ENSG00000112486.10	TREATTXTPF-00547659 225mg	Week12	CCR6	protein_coding	chr6	167525295	167553184 +	4226	39.92376	0.020994	0.623479	0.169582	3.67657	0.00028	0.058953	1
ENSG00000198019.8	TREATTXTPF-00547659 225mg	Week12	FCGR1B	protein_coding	chr1	120926979	120935937 -	1392	1191.251	0	-0.47636	0.129579	-3.67623	0.00028	0.058953	1
ENSG00000108312.10	TREATTXTPF-00547659 225mg	Week12	UBTF	protein_coding	chr17	42282401	42298994 -	6993	6451.442	0	0.220771	0.060077	3.674795	0.000282	0.058992	1
ENSG00000158863.17	TREATTXTPF-00547659 225mg	Week12	FAM160B	protein_coding	chr8	21946670	21962409 +	8278	844.7171	0	0.334404	0.091007	3.674497	0.000282	0.058992	1
ENSG00000186166.4	TREATTXTPF-00547659 225mg	Week12	CCDC84	protein_coding	chr11	118868852	118886501 +	5105	1487.683	0	0.305046	0.083058	3.672684	0.000284	0.058992	1
ENSG00000137502.5	TREATTXTPF-00547659 225mg	Week12	RAB30	protein_coding	chr11	82684175	82782965 -	11701	467.5381	0.001105	0.481935	0.131263	3.671511	0.000285	0.058992	1
ENSG00000144645.9	TREATTXTPF-00547659 225mg	Week12	OSBPL10	protein_coding	chr3	31699382	32119072 -	11976	373.547	0.00221	0.546547	0.148885	3.670944	0.000286	0.058992	1
ENSG00000163516.9	TREATTXTPF-00547659 225mg	Week12	ANKZF1	protein_coding	chr2	220094479	220101391 +	6119	3073.545	0	0.186183	0.050723	3.67062	0.000286	0.058992	1
ENSG00000119771.10	TREATTXTPF-00547659 225mg	Week12	KLHL29	protein_coding	chr2	23608088	23931481 +	11071	47.67293	0.018785	0.677544	0.18461	3.670133	0.000287	0.058992	1
ENSG00000072736.14	TREATTXTPF-00547659 225mg	Week12	NFATC3	protein_coding	chr16	68118654	68263162 +	8806	4184.881	0	0.256458	0.069898	3.669039	0.000288	0.058992	1
ENSG00000122986.9	TREATTXTPF-00547659 225mg	Week12	HVCN1	protein_coding	chr12	111065646	111142755 -	3595	4402.122	0	0.26071	0.071068	3.66844	0.000289	0.058992	1
ENSG00000198728.6	TREATTXTPF-00547659 225mg	Week12	LDB1	protein_coding	chr10	103867317	103880210 -	2790	4827.344	0	0.20767	0.056611	3.668374	0.000289	0.058992	1
ENSG00000128159.7	TREATTXTPF-00547659 225mg	Week12	TUBGCP6	protein_coding	chr22	50656118	50683421 -	7689	3267.077	0	0.314713	0.085801	3.667925	0.000289	0.058992	1
ENSG00000125482.8	TREATTXTPF-00547659 225mg	Week12	TF1	protein_coding	chr9	135251008	135282209 -	3113	735.1823	0	0.232602	0.063444	3.666248	0.000291	0.058992	1
ENSG00000141040.10	TREATTXTPF-00547659 225mg	Week12	ZNF287	protein_coding	chr17	16454701	16472520 -	3566	145.7823	0.003315	0.483382	0.131857	3.665961	0.000291	0.058992	1
ENSG00000100395.10	TREATTXTPF-00547659 225mg	Week12	L3MBTL2	protein_coding	chr22	41601209	41627275 +	6451	1746.394	0	0.272103	0.074227	3.665835	0.000291	0.058992	1
ENSG00000245466.1	TREATTXTPF-00547659 225mg	Week12	CTD-2540l	lincRNA	chr14	71075515	71108015 -	2941	13.43536	0.072928	0.634367	0.173055	3.665697	0.000292	0.058992	1
ENSG00000160818.12	TREATTXTPF-00547659 225mg	Week12	GPATCH4	protein_coding	chr1	156564279	156571288 -	4437	582.1812	0	0.335147	0.091431	3.665597	0.000292	0.058992	1
ENSG00000041802.6	TREATTXTPF-00547659 225mg	Week12	LSG1	protein_coding	chr3	194361517	194393206 -	4818	1447.591	0	0.310327	0.08468	3.664704	0.000293	0.058992	1
ENSG00000153064.7	TREATTXTPF-00547659 225mg	Week12	BANK1	protein_coding	chr4	102332443	102995969 +	6144	1574.429	0	0.467179	0.127495	3.664294	0.000293	0.058992	1
ENSG00000146285.9	TREATTXTPF-00547659 75mg	Week12	SCML4	protein_coding	chr6	108025308	108145521 -	7116	1768.394	0	0.263911	0.072032	3.663829	0.000294	0.058992	1
ENSG00000172530.15	TREATTXTPF-00547659 75mg	Week12	BANP	protein_coding	chr16	87982850	88110924 +	7679	1597.526	0	0.18405	0.050235	3.663765	0.000294	0.058992	1
ENSG00000108469.10	TREATTXTPF-00547659 225mg	Week12	RECL5	protein_coding	chr17	73622925	73663269 -	8766	977.3613	0	0.20926	0.057123	3.663347	0.000294	0.058992	1
ENSG00000172215.5	TREATTXTPF-00547659 75mg	Week12	CXCR6	protein_coding	chr3	45982425	45989845 +	3769	403.8906	0.001105	0.463861	0.126644	3.662702	0.000295	0.058992	1
ENSG00000187535.9	TREATTXTPF-00547659 225mg	Week12	IFT140	protein_coding	chr16	1560428	1662111 -	8168	206.1613	0	0.317079	0.086574	3.662517	0.000295	0.058992	1
ENSG00000100311.12	TREATTXTPF-00547659 75mg	Week12	PDGFB	protein_coding	chr22	39619364	39640756 -	3761	179.5602	0	0.426536	0.11647	3.662202	0.000295	0.058992	1
ENSG00000100105.13	TREATTXTPF-00547659 225mg	Week12	PATZ1	protein_coding	chr22	31721790	31742218 -	5693	1774.928	0	0.272203	0.074243	3.661452	0.000296	0.059034	1

ENSG00000171992.8	TREATTXTPF-00547659 225mg	Week12	SYNPO	protein_coding	chr5	149980642	150038782 +	10258	275.0243	0.001105	0.536864	0.146719	3.659116	0.000299	0.059426	1
ENSG00000110851.7	TREATTXTPF-00547659 225mg	Week12	PRDM4	protein_coding	chr12	108126643	108155049 -	4777	1400.049	0	0.263019	0.071937	3.65623	0.000302	0.059827	1
ENSG00000113716.8	TREATTXTPF-00547659 225mg	Week12	HMGXB3	protein_coding	chr5	149379884	149432386 +	5934	1441.43	0	0.297412	0.081345	3.656193	0.000302	0.059827	1
ENSG00000085982.9	TREATTXTPF-00547659 225mg	Week12	USP40	protein_coding	chr2	234384166	234475428 -	9352	540.989	0	0.322521	0.088253	3.654487	0.000304	0.060047	1
ENSG00000133884.5	TREATTXTPF-00547659 75mg	Week12	DPF2	protein_coding	chr11	65101225	65120720 +	7715	4098.845	0	0.161973	0.044327	3.654093	0.000305	0.060047	1
ENSG00000085788.9	TREATTXTPF-00547659 225mg	Week12	DDHD2	protein_coding	chr8	38082736	38133076 +	10686	1072.661	0	0.384033	0.105138	3.652675	0.000306	0.06024	1
ENSG00000267868.1	TREATTXTPF-00547659 225mg	Week12	RP11-120H	lincRNA	chr13	113619149	113620445 -	1297	9.38674	0.143646	0.645297	0.176791	3.650053	0.000309	0.060706	1
ENSG00000126217.16	TREATTXTPF-00547659 225mg	Week12	MCF2L	protein_coding	chr13	113548692	113754053 +	23204	198.9558	0	0.423041	0.115973	3.647762	0.000312	0.061046	1
ENSG00000135597.14	TREATTXTPF-00547659 225mg	Week12	REPS1	protein_coding	chr6	139224630	139309398 -	9602	1505.629	0	0.275845	0.075627	3.647442	0.000312	0.061046	1
ENSG00000055483.15	TREATTXTPF-00547659 225mg	Week12	USP36	protein_coding	chr17	76783463	76837523 -	10409	2069.825	0	0.319377	0.087603	3.645753	0.000314	0.061213	1
ENSG00000234553.1	TREATTXTPF-00547659 75mg	Week12	AC022431	sense_intronic	chr5	55832410	55833653 -	536	11.30608	0.106077	-0.58634	0.160852	-3.64521	0.000315	0.061213	1
ENSG00000185684.8	TREATTXTPF-00547659 225mg	Week12	EP400NL	protein_coding	chr12	132568828	132613029 +	9105	231.3768	0	0.397148	0.108955	3.645054	0.000315	0.061213	1
ENSG00000123411.10	TREATTXTPF-00547659 225mg	Week12	IKZF4	protein_coding	chr12	56401443	56432219 +	6808	284.1691	0.001105	0.386261	0.106048	3.642337	0.000318	0.061708	1
ENSG00000144524.13	TREATTXTPF-00547659 225mg	Week12	COPS7B	protein_coding	chr2	232646381	232673963 +	6034	1429.073	0	0.260224	0.071549	3.637014	0.000325	0.062431	1
ENSG00000135318.7	TREATTXTPF-00547659 225mg	Week12	TFSE	protein_coding	chr6	86159809	86205500 +	4017	369.1812	0.00221	0.540172	0.148539	3.636559	0.000325	0.062431	1
ENSG00000100060.13	TREATTXTPF-00547659 225mg	Week12	MFNG	protein_coding	chr22	37865101	37882439 -	3042	7226.232	0	0.219423	0.06034	3.636445	0.000325	0.062431	1
ENSG00000100060.13	TREATTXTPF-00547659 75mg	Week12	MFNG	protein_coding	chr22	37865101	37882439 -	3042	7226.232	0	0.214184	0.058907	3.635994	0.000326	0.062431	1
ENSG00000172878.9	TREATTXTPF-00547659 225mg	Week12	METAP1D	protein_coding	chr2	172864490	172947158 +	4850	213.3414	0	0.40989	0.112758	3.635131	0.000327	0.062431	1
ENSG00000148468.12	TREATTXTPF-00547659 225mg	Week12	FAM171A	protein_coding	chr10	15253642	15413061 -	3955	234.2276	0.001105	0.441468	0.121447	3.63506	0.000327	0.062431	1
ENSG00000196405.8	TREATTXTPF-00547659 225mg	Week12	EVL	protein_coding	chr14	100437786	100610573 +	10585	16259.03	0	0.357662	0.098403	3.634646	0.000327	0.062431	1
ENSG00000179409.6	TREATTXTPF-00547659 225mg	Week12	GEMIN4	protein_coding	chr17	647654	657239 -	5751	876.895	0	0.293541	0.080766	3.634456	0.000328	0.062431	1
ENSG00000172660.7	TREATTXTPF-00547659 225mg	Week12	TAF15	protein_coding	chr17	34136459	34191619 +	5903	3483.818	0	0.32252	0.088754	3.633849	0.000328	0.062431	1
ENSG00000197386.6	TREATTXTPF-00547659 225mg	Week12	HTT	protein_coding	chr4	3076408	3245676 +	18118	3573.257	0	0.263304	0.072464	3.633577	0.000329	0.062431	1
ENSG00000139641.8	TREATTXTPF-00547659 225mg	Week12	ESYT1	protein_coding	chr12	56512034	56538455 +	5493	10501.04	0	0.340994	0.093855	3.633219	0.000329	0.062431	1
ENSG00000205485.9	TREATTXTPF-00547659 225mg	Week12	AC004980	pseudogene	chr7	76178677	76257299 +	3110	98.39116	0.00221	0.362781	0.099898	3.631532	0.000331	0.062553	1
ENSG00000078269.9	TREATTXTPF-00547659 225mg	Week12	SYNJ2	protein_coding	chr6	158402888	158520208 +	9985	640.1127	0	0.346632	0.095454	3.631396	0.000331	0.062553	1
ENSG00000168067.7	TREATTXTPF-00547659 225mg	Week12	MAP4K2	protein_coding	chr11	64556290	64570713 -	3745	3343.688	0	0.180893	0.049822	3.630773	0.000332	0.062553	1
ENSG00000143799.8	TREATTXTPF-00547659 225mg	Week12	PARP1	protein_coding	chr1	226548392	226595780 -	7169	5443.191	0	0.318041	0.087605	3.630416	0.000333	0.062553	1
ENSG00000136802.7	TREATTXTPF-00547659 75mg	Week12	LRRC8A	protein_coding	chr9	131644391	131680318 +	5230	1579.777	0	0.220977	0.060878	3.629849	0.000333	0.062553	1
ENSG00000126602.6	TREATTXTPF-00547659 225mg	Week12	TRAP1	protein_coding	chr16	3701640	3767598	5227	1401.295	0	0.297517	0.081972	3.629476	0.000334	0.062553	1
ENSG00000163930.5	TREATTXTPF-00547659 225mg	Week12	BAP1	protein_coding	chr3	52435029	52444366 -	5055	4222.252	0	0.137823	0.037993	3.627627	0.000336	0.062636	1
ENSG00000161570.4	TREATTXTPF-00547659 75mg	Week12	CCL5	protein_coding	chr17	34198495	34207797 -	1512	18425.27	0	0.393053	0.108356	3.627413	0.000336	0.062636	1
ENSG00000166197.12	TREATTXTPF-00547659 225mg	Week12	NOLC1	protein_coding	chr10	103911933	103923627 +	3969	2487.306	0	0.325529	0.089751	3.627016	0.000337	0.062636	1
ENSG00000160190.9	TREATTXTPF-00547659 225mg	Week12	SLC37A1	protein_coding	chr21	43916118	44001550 +	6814	958.674	0	0.247794	0.06832	3.626989	0.000337	0.062636	1
ENSG00000185986.10	TREATTXTPF-00547659 225mg	Week12	SDHAP3	pseudogene	chr5	1568637	1594735 -	1954	249.5083	0.00221	0.499383	0.13771	3.626342	0.000338	0.062636	1
ENSG00000155016.13	TREATTXTPF-00547659 225mg	Week12	CPY2U1	protein_coding	chr4	108852525	108874613 +	6096	304.6055	0.001105	0.407206	0.112304	3.625943	0.000338	0.062636	1
ENSG00000196510.8	TREATTXTPF-00547659 225mg	Week12	ANAPC7	protein_coding	chr12	110810705	110841535 -	6009	1625.222	0	0.195675	0.053986	3.624525	0.00034	0.062717	1
ENSG00000176293.15	TREATTXTPF-00547659 225mg	Week12	ZNF135	protein_coding	chr19	58570607	58597677 +	6418	75.6663	0.005525	0.499424	0.137792	3.624477	0.00034	0.062717	1
ENSG00000103043.10	TREATTXTPF-00547659 225mg	Week12	VAC14	protein_coding	chr16	70721342	70835064 +	8278	1977.567	0	0.238412	0.065825	3.621913	0.000343	0.062717	1
ENSG00000140320.7	TREATTXTPF-00547659 225mg	Week12	BAHD1	protein_coding	chr15	40731920	40760441 +	5196	1916.786	0	0.299126	0.082593	3.621694	0.000344	0.062717	1
ENSG00000001461.12	TREATTXTPF-00547659 225mg	Week12	NIPAL3	protein_coding	chr1	24742284	24799466 +	9404	1706.482	0	0.341769	0.094368	3.621656	0.000344	0.062717	1
ENSG00000008710.13	TREATTXTPF-00547659 225mg	Week12	PKD1	protein_coding	chr16	2138711	2185899 -	18532	1496.516	0	0.358373	0.098982	3.620574	0.000345	0.062717	1
ENSG00000090920.9	TREATTXTPF-00547659 225mg	Week12	FCGBP	protein_coding	chr19	40353963	40440533 -	16564	460.379	0.001105	0.492083	0.135964	3.619219	0.000347	0.062717	1
ENSG00000213762.6	TREATTXTPF-00547659 225mg	Week12	ZNF134	protein_coding	chr19	58125601	58134724 +	3771	800.2387	0	0.299924	0.082879	3.618883	0.000347	0.062717	1
ENSG00000135213.8	TREATTXTPF-00547659 225mg	Week12	POM121C	protein_coding	chr7	75046066	75115548 -	8771	2677.931	0	0.261913	0.072378	3.618707	0.000347	0.062717	1
ENSG00000164091.7	TREATTXTPF-00547659 225mg	Week12	WDR82	protein_coding	chr3	52288437	52322036 -	5726	9628.161	0	0.251997	0.06965	3.618036	0.000348	0.062717	1
ENSG00000214022.7	TREATTXTPF-00547659 225mg	Week12	REPIN1	protein_coding	chr7	150065278	150071133 +	4649	3389.895	0	0.232925	0.064384	3.617739	0.000349	0.062717	1
ENSG00000174292.8	TREATTXTPF-00547659 225mg	Week12	TNK1	protein_coding	chr17	7283853	7293093 +	3860	122.8398	0.005525	0.547533	0.151347	3.617738	0.000349	0.062717	1
ENSG00000169239.8	TREATTXTPF-00547659 225mg	Week12	CASB	protein_coding	chrX	15706953	15805747 +	7735	992.4541	0	0.335819	0.092845	3.616981	0.00035	0.062717	1
ENSG00000157985.13	TREATTXTPF-00547659 75mg	Week12	AGAP1	protein_coding	chr2	236402733	237040444 +	13896	206.8166	0.001105	0.493587	0.136478	3.616612	0.00035	0.062717	1
ENSG00000125246.11	TREATTXTPF-00547659 225mg	Week12	CLYBL	protein_coding	chr13	100258919	100549387 +	7826	199.2276	0.001105	0.44465	0.122947	3.616607	0.00035	0.062717	1
ENSG00000162298.12	TREATTXTPF-00547659 225mg	Week12	SYVN1	protein_coding	chr11	64889252	64902004 -	5496	2957.609	0	0.231072	0.063895	3.616429	0.00035	0.062717	1
ENSG00000238121.1	TREATTXTPF-00547659 75mg	Week12	LINC0042E	lincRNA	chr13	30914407	30951282 -	3972	469.779	0	0.388934	0.107564	3.615838	0.000351	0.062717	1

ENSG00000147224.6	TREATTXTPF-00547659 225mg	Week12	PRPS1	protein_coding	chrX	106871737	106894256 +		2197	1582.246	0	0.281875	0.077959	3.615699	0.000351	0.062717	1
ENSG00000166938.8	TREATTXTPF-00547659 225mg	Week12	DIS3L	protein_coding	chr15	66585555	66626236 +		5436	952.1978	0	0.352423	0.09752	3.613865	0.000354	0.062717	1
ENSG00000007545.11	TREATTXTPF-00547659 225mg	Week12	CRAMP1L	protein_coding	chr16	1662326	1727909 +		8427	651.7536	0	0.263757	0.072995	3.613347	0.000354	0.062717	1
ENSG00000078967.8	TREATTXTPF-00547659 225mg	Week12	UBE2D4	protein_coding	chr7	43966037	43995735 +		4713	446.0906	0	0.267825	0.074123	3.6133241	0.000354	0.062717	1
ENSG00000144504.11	TREATTXTPF-00547659 225mg	Week12	ANKMY1	protein_coding	chr2	241418839	241508626 -		11477	769.7779	0	0.300786	0.083246	3.6132247	0.000354	0.062717	1
ENSG00000103657.9	TREATTXTPF-00547659 225mg	Week12	HERC1	protein_coding	chr15	63900817	64126141 -		17053	4668.12	0	0.274053	0.075865	3.612372	0.000356	0.062717	1
ENSG00000160469.12	TREATTXTPF-00547659 225mg	Week12	BRSK1	protein_coding	chr19	55793440	55823901 +		3841	29.61215	0.005525	0.493646	0.136656	3.612333	0.000356	0.062717	1
ENSG00000065675.10	TREATTXTPF-00547659 225mg	Week12	PRKCQ	protein_coding	chr10	6469105	6622263 -		3285	1841.476	0	0.351444	0.097316	3.611386	0.000357	0.062717	1
ENSG00000248445.1	TREATTXTPF-00547659 225mg	Week12	CTB-118Nt	antisense	chr5	115783243	115843972 +		2829	52.47845	0.009945	0.505101	0.139886	3.610798	0.000358	0.062717	1
ENSG00000163463.7	TREATTXTPF-00547659 225mg	Week12	KRTCAP2	protein_coding	chr1	155141884	155145951 -		3826	253.6475	0.001105	0.292244	0.080942	3.610511	0.000358	0.062717	1
ENSG00000168395.10	TREATTXTPF-00547659 225mg	Week12	ING5	protein_coding	chr2	242641450	242668893 +		8200	977.9392	0	0.279912	0.077545	3.609689	0.000359	0.062717	1
ENSG00000092068.14	TREATTXTPF-00547659 225mg	Week12	SLC7A8	protein_coding	chr14	23594504	23652883 -		5942	181.0641	0.001105	0.49156	0.136179	3.609667	0.000359	0.062717	1
ENSG000000012124.10	TREATTXTPF-00547659 225mg	Week12	CD22	protein_coding	chr19	35810164	35838258 +		5839	2954.065	0	0.425635	0.117918	3.60957	0.000359	0.062717	1
ENSG00000100628.7	TREATTXTPF-00547659 75mg	Week12	ASB2	protein_coding	chr14	94400499	94443137 -		5040	283.5657	0.001105	0.513173	0.142176	3.60942	0.000359	0.062717	1
ENSG00000242294.2	TREATTXTPF-00547659 225mg	Week12	STAG3L5P	pseudogene	chr7	99933702	99949523 +		2804	169.4287	0.003315	0.505947	0.140182	3.609206	0.00036	0.062717	1
ENSG00000105662.11	TREATTXTPF-00547659 225mg	Week12	CRTC1	protein_coding	chr19	18794487	18893004 +		6826	1364.615	0	0.279925	0.077602	3.607175	0.000362	0.062975	1
ENSG00000178104.15	TREATTXTPF-00547659 225mg	Week12	PDE4DIP	protein_coding	chr1	144836157	145076186 +		28338	1778.146	0	0.343363	0.095191	3.607102	0.000363	0.062975	1
ENSG00000265148.1	TREATTXTPF-00547659 225mg	Week12	BZRAP1-A'	antisense	chr17	56402811	56493127 +		3601	1701.136	0	0.28176	0.078128	3.606404	0.000364	0.063022	1
ENSG00000198932.8	TREATTXTPF-00547659 225mg	Week12	GPRASP1	protein_coding	chrX	101906294	101914011 +		6340	577.0055	0.001105	0.556549	0.154354	3.605668	0.000365	0.063078	1
ENSG00000006744.14	TREATTXTPF-00547659 225mg	Week12	ELAC2	protein_coding	chr17	12895708	12921504 -		6345	1834.75	0	0.26697	0.074063	3.60465	0.000366	0.063089	1
ENSG00000269834.1	TREATTXTPF-00547659 225mg	Week12	CTD-3018G	processed_transcript	chr19	52892095	52901019 -		4160	75.29613	0.00663	0.598596	0.16607	3.604481	0.000366	0.063089	1
ENSG00000103248.13	TREATTXTPF-00547659 225mg	Week12	MTHFSD	protein_coding	chr16	86563782	86588841 -		5350	755.6099	0	0.202499	0.056196	3.603443	0.000368	0.063089	1
ENSG00000144554.6	TREATTXTPF-00547659 225mg	Week12	FANCD2	protein_coding	chr3	10068098	10143614 +		8378	757.4663	0	0.294023	0.081653	3.600898	0.000371	0.063089	1
ENSG00000230487.3	TREATTXTPF-00547659 225mg	Week12	PSMG3-A5	lincRNA	chr7	1609709	1629262 +		6264	308.9613	0.001105	0.312143	0.086706	3.600023	0.000372	0.063089	1
ENSG00000125741.4	TREATTXTPF-00547659 225mg	Week12	OPA3	protein_coding	chr19	46030685	46105470 -		9999	945.1061	0	0.251234	0.06979	3.599881	0.000372	0.063089	1
ENSG00000135473.10	TREATTXTPF-00547659 225mg	Week12	PAN2	protein_coding	chr12	56710007	56727837 -		7288	1466.224	0	0.347981	0.096666	3.599841	0.000372	0.063089	1
ENSG00000166886.8	TREATTXTPF-00547659 225mg	Week12	NAB2	protein_coding	chr12	57482677	57489259 +		3010	397.2862	0	0.340105	0.094481	3.599705	0.000373	0.063089	1
ENSG00000091972.14	TREATTXTPF-00547659 225mg	Week12	CD200	protein_coding	chr3	112051194	112081659 +		2991	163.7856	0.00663	0.577551	0.160448	3.599611	0.000373	0.063089	1
ENSG00000189339.7	TREATTXTPF-00547659 225mg	Week12	SLC35E2B	protein_coding	chr1	1592939	1624167 -		7790	4681.09	0	0.283957	0.078887	3.599555	0.000373	0.063089	1
ENSG00000125386.10	TREATTXTPF-00547659 225mg	Week12	FAM193A	protein_coding	chr4	2626988	2734292 +		6174	2054.021	0	0.182132	0.0506	3.599435	0.000373	0.063089	1
ENSG00000136878.8	TREATTXTPF-00547659 225mg	Week12	USP20	protein_coding	chr9	132596977	132644107 +		5511	3516.34	0	0.233529	0.064885	3.599116	0.000373	0.063089	1
ENSG00000187953.6	TREATTXTPF-00547659 225mg	Week12	PMS2CL	pseudogene	chr7	6749759	6793493 +		3879	287.0597	0.001105	0.357531	0.09935	3.598705	0.000374	0.063089	1
ENSG00000111371.11	TREATTXTPF-00547659 225mg	Week12	SLC38A1	protein_coding	chr12	46576846	46663800 -		10013	5591.908	0	0.461402	0.128225	3.598383	0.000374	0.063089	1
ENSG00000145911.5	TREATTXTPF-00547659 225mg	Week12	N4BP3	protein_coding	chr5	177540444	177553088 +		6080	231.6309	0.001105	0.473657	0.131657	3.597669	0.000375	0.063089	1
ENSG00000102226.5	TREATTXTPF-00547659 225mg	Week12	USP11	protein_coding	chrX	47092089	47107727 +		5269	1909.251	0	0.274146	0.076203	3.597582	0.000376	0.063089	1
ENSG00000174282.7	TREATTXTPF-00547659 225mg	Week12	ZBTB4	protein_coding	chr17	7362685	7387582 -		6026	4065.606	0	0.318739	0.088621	3.596672	0.000377	0.063089	1
ENSG00000140521.7	TREATTXTPF-00547659 225mg	Week12	POLG	protein_coding	chr15	89859534	89878092 -		5529	4051.883	0	0.206958	0.057545	3.596469	0.000377	0.063089	1
ENSG00000074966.6	TREATTXTPF-00547659 225mg	Week12	TXK	protein_coding	chr4	48068410	48136273 -		3472	963.411	0.001105	0.462921	0.12872	3.596347	0.000377	0.063089	1
ENSG00000084092.6	TREATTXTPF-00547659 225mg	Week12	NOA1	protein_coding	chr4	57829536	57844989 -		3415	1318.06	0	0.238443	0.066315	3.595636	0.000378	0.063089	1
ENSG00000174652.13	TREATTXTPF-00547659 225mg	Week12	ZNF266	protein_coding	chr19	9523272	9546254 -		5269	2863.263	0	0.344799	0.095916	3.594783	0.000379	0.063089	1
ENSG00000141994.11	TREATTXTPF-00547659 225mg	Week12	DUS3L	protein_coding	chr19	5784843	5791249 -		3642	747.1878	0	0.299652	0.083362	3.594565	0.00038	0.063089	1
ENSG00000184640.13	TREATTXTPF-00547659 225mg	Week12	09-Sep	protein_coding	chr17	75276651	75496678 +		12844	28057.55	0	0.250705	0.069748	3.594465	0.00038	0.063089	1
ENSG00000166436.11	TREATTXTPF-00547659 225mg	Week12	TRIM66	protein_coding	chr11	8633584	8693413 -		10816	920.9127	0	0.348265	0.096924	3.593162	0.000382	0.063281	1
ENSG00000124571.13	TREATTXTPF-00547659 225mg	Week12	XPO5	protein_coding	chr6	43490072	43543812 -		8517	1304.108	0	0.2884	0.080283	3.592297	0.000383	0.063304	1
ENSG00000137054.11	TREATTXTPF-00547659 225mg	Week12	POLR1E	protein_coding	chr9	37485932	37503694 +		2512	668.8597	0	0.324406	0.09031	3.592117	0.000383	0.063304	1
ENSG00000198218.6	TREATTXTPF-00547659 225mg	Week12	QRICH1	protein_coding	chr3	49067140	49131796 -		5499	4086.13	0	0.238618	0.066463	3.590263	0.000386	0.06334	1
ENSG00000197859.5	TREATTXTPF-00547659 225mg	Week12	ADAMTSL1	protein_coding	chr9	136397286	136440641 +		4677	10.70166	0.146961	0.614556	0.171191	3.589877	0.000386	0.06334	1
ENSG00000261474.1	TREATTXTPF-00547659 225mg	Week12	RP11-452L1	lincRNA	chr16	31460856	31464814 -		449	70.21105	0.001105	0.417679	0.116351	3.589833	0.000386	0.06334	1
ENSG00000169992.5	TREATTXTPF-00547659 225mg	Week12	NLGN2	protein_coding	chr17	7308193	7323179 +		5550	138.8696	0.003315	0.496927	0.138432	3.589691	0.000387	0.06334	1
ENSG00000166313.14	TREATTXTPF-00547659 225mg	Week12	APBB1	protein_coding	chr11	6416355	6440644 -		5194	1771.013	0	0.367022	0.102261	3.589064	0.000387	0.06334	1
ENSG00000204930.5	TREATTXTPF-00547659 225mg	Week12	FAM221B	protein_coding	chr9	35816388	35828744 -		3941	5.98011	0.311602	0.62758	0.17491	3.588006	0.000389	0.06334	1
ENSG00000189051.5	TREATTXTPF-00547659 225mg	Week12	RNF222	protein_coding	chr17	8294022	8301144 -		3070	5.38674	0.220994	0.525706	0.14653	3.587712	0.000389	0.06334	1
ENSG00000120314.14	TREATTXTPF-00547659 225mg	Week12	WDR55	protein_coding	chr5	140044261	140053709 +		7675	2417.299	0	0.17207	0.047965	3.587369	0.00039	0.06	

ENSG00000158526.7	TREATTXTPF-00547659 225mg	Week12	TSR2	protein_coding	chrX	54466834	54471920 +	1534	1214.487	0	0.24445	0.068144	3.587285	0.00039	0.06334	1
ENSG00000100241.16	TREATTXTPF-00547659 225mg	Week12	SBF1	protein_coding	chr22	50883429	50913454 -	9442	8154.234	0	0.239246	0.066693	3.587264	0.00039	0.06334	1
ENSG00000130684.9	TREATTXTPF-00547659 225mg	Week12	ZNF337	protein_coding	chr20	25654851	25677477 -	3823	1496.264	0	0.401545	0.111999	3.58525	0.000393	0.063701	1
ENSG00000248508.2	TREATTXTPF-00547659 225mg	Week12	SRP14-AS1	lincRNA	chr15	40331512	40359491 +	2975	160.0785	0.001105	0.39911	0.111378	3.583375	0.000396	0.06395	1
ENSG00000070756.9	TREATTXTPF-00547659 225mg	Week12	PABPC1	protein_coding	chr8	101698044	101735037 +	4752	69281.36	0	0.254354	0.070986	3.583154	0.000396	0.06395	1
ENSG00000130827.5	TREATTXTPF-00547659 225mg	Week12	PBXNA3	protein_coding	chrX	153686621	153701989 +	7577	585.7646	0	0.396523	0.110693	3.582182	0.000397	0.06395	1
ENSG00000063322.9	TREATTXTPF-00547659 225mg	Week12	MED29	protein_coding	chr19	39881943	39891277 +	3835	2428.369	0	0.182126	0.050848	3.581797	0.000398	0.06395	1
ENSG00000184178.11	TREATTXTPF-00547659 225mg	Week12	SCFD2	protein_coding	chr4	53739149	54232242 -	3176	503.6972	0	0.247765	0.06918	3.581472	0.000398	0.06395	1
ENSG00000154358.15	TREATTXTPF-00547659 225mg	Week12	OBSCN	protein_coding	chr1	228395831	228566577 +	32207	1092.115	0	0.425198	0.118724	3.581408	0.000399	0.06395	1
ENSG00000100207.14	TREATTXTPF-00547659 225mg	Week12	TCF20	protein_coding	chr22	42556019	42739622 -	7548	3037.487	0	0.264867	0.073966	3.580941	0.000399	0.063952	1
ENSG00000113569.11	TREATTXTPF-00547659 225mg	Week12	NUP155	protein_coding	chr5	37288239	37371283 -	9233	757.2	0	0.331768	0.092693	3.579193	0.000402	0.063962	1
ENSG00000182796.8	TREATTXTPF-00547659 225mg	Week12	TMEM198	pseudogene	chr12	56223529	56230030 +	3564	836.9624	0	0.286768	0.080131	3.578759	0.000402	0.063962	1
ENSG00000196367.8	TREATTXTPF-00547659 225mg	Week12	TRRAP	protein_coding	chr7	98475556	98610866 +	13218	2465.804	0	0.319676	0.089348	3.577861	0.000404	0.063962	1
ENSG00000188735.8	TREATTXTPF-00547659 225mg	Week12	TMEM120	protein_coding	chr12	122150658	122220907 +	8449	292.7006	0.001105	0.379677	0.106119	3.577854	0.000404	0.063962	1
ENSG00000261087.1	TREATTXTPF-00547659 225mg	Week12	KB-1460A	lincRNA	chr8	102179033	1022181857 -	2825	311.8961	0	0.344685	0.09634	3.57781	0.000404	0.063962	1
ENSG00000163346.12	TREATTXTPF-00547659 75mg	Week12	PBXIP1	protein_coding	chr1	154916552	154928599 -	3851	16790.48	0	0.232802	0.06507	3.577725	0.000404	0.063962	1
ENSG00000118508.4	TREATTXTPF-00547659 225mg	Week12	RAB32	protein_coding	chr6	146864829	146876101 +	1217	2407.976	0	-0.24907	0.069621	-3.57756	0.000404	0.063962	1
ENSG00000149136.3	TREATTXTPF-00547659 225mg	Week12	SSRP1	protein_coding	chr11	57093459	57103351 -	6323	3698.759	0	0.286514	0.080108	3.576613	0.000406	0.063962	1
ENSG00000234616.4	TREATTXTPF-00547659 225mg	Week12	JRK	processed_transcript	chr8	143738874	143763386 -	11234	1404.088	0	0.323613	0.090484	3.576464	0.000406	0.063962	1
ENSG00000184939.11	TREATTXTPF-00547659 225mg	Week12	ZFP90	protein_coding	chr16	68563993	68609975 +	7015	1163.67	0	0.345239	0.096548	3.575833	0.000407	0.063962	1
ENSG00000198793.8	TREATTXTPF-00547659 225mg	Week12	MTOR	protein_coding	chr1	11166592	11322564 -	12119	2245.817	0	0.287051	0.080288	3.575275	0.000408	0.063962	1
ENSG00000063761.11	TREATTXTPF-00547659 225mg	Week12	ADCK1	protein_coding	chr14	78266426	78401355 +	5317	374.2707	0	0.299478	0.083765	3.575226	0.000408	0.063962	1
ENSG00000122986.9	TREATTXTPF-00547659 75mg	Week12	HVCN1	protein_coding	chr12	111065646	111142755 -	3595	4402.122	0	0.248503	0.069513	3.574922	0.000408	0.063962	1
ENSG00000143093.10	TREATTXTPF-00547659 225mg	Week12	STRIP1	protein_coding	chr1	110574199	110617263 +	7352	2012.431	0	0.186362	0.052136	3.574523	0.000409	0.063962	1
ENSG00000137221.10	TREATTXTPF-00547659 225mg	Week12	TJAP1	protein_coding	chr6	43445261	43474294 +	5655	1467.976	0	0.241322	0.067525	3.573808	0.00041	0.064004	1
ENSG00000255991.2	TREATTXTPF-00547659 225mg	Week12	RP11-242	pseudogene	chr12	39860244	39861147 -	802	1.375691	0.675138	0.433602	0.12134	3.573445	0.00041	0.064004	1
ENSG00000050426.11	TREATTXTPF-00547659 225mg	Week12	LETMD1	protein_coding	chr12	51441745	51454207 +	4400	1950.517	0	0.279607	0.078257	3.57291	0.000411	0.064024	1
ENSG00000178035.7	TREATTXTPF-00547659 225mg	Week12	IMPDH2	protein_coding	chr3	49061758	49066841 -	2773	3019.197	0	0.265885	0.074435	3.572048	0.000412	0.064081	1
ENSG00000110448.6	TREATTXTPF-00547659 225mg	Week12	CD5	protein_coding	chr11	60869867	60895324 +	3221	5431.571	0	0.380747	0.106599	3.571774	0.000413	0.064081	1
ENSG00000162739.9	TREATTXTPF-00547659 225mg	Week12	SLAMF6	protein_coding	chr1	160454820	160493052 -	2746	3623.271	0	0.325498	0.091158	3.570686	0.000415	0.064123	1
ENSG00000099910.12	TREATTXTPF-00547659 225mg	Week12	KLHL22	protein_coding	chr22	20783528	20850170 -	5112	1570.441	0	0.22523	0.063103	3.569255	0.000417	0.064123	1
ENSG00000232098.2	TREATTXTPF-00547659 225mg	Week12	CTD-2619J	lincRNA	chr19	58915605	58919851 -	3417	247.9414	0.001105	0.421326	0.118053	3.568949	0.000417	0.064123	1
ENSG00000119242.4	TREATTXTPF-00547659 75mg	Week12	CCDC92	protein_coding	chr12	124403207	124457378 -	6366	1746.396	0	0.240894	0.067503	3.56862	0.000418	0.064123	1
ENSG00000012963.9	TREATTXTPF-00547659 225mg	Week12	UBR7	protein_coding	chr14	93673401	93695561 +	3694	1304.387	0	0.228408	0.064017	3.567954	0.000419	0.064123	1
ENSG00000159164.5	TREATTXTPF-00547659 225mg	Week12	SV2A	protein_coding	chr1	149874870	149889434 -	4824	96.18785	0.001105	0.395531	0.110863	3.567731	0.000419	0.064123	1
ENSG00000167978.12	TREATTXTPF-00547659 225mg	Week12	SRRM2	protein_coding	chr16	2802330	2822539 +	13266	30122.36	0	0.229639	0.064373	3.567311	0.00042	0.064123	1
ENSG00000132478.5	TREATTXTPF-00547659 225mg	Week12	UNK	protein_coding	chr17	73780681	73821886 +	5699	1317.793	0	0.245873	0.068928	3.567095	0.00042	0.064123	1
ENSG00000083454.17	TREATTXTPF-00547659 225mg	Week12	P2RX5	protein_coding	chr17	3575493	3599698 -	4190	970.4851	0	0.352313	0.09877	3.567006	0.00042	0.064123	1
ENSG00000149716.8	TREATTXTPF-00547659 225mg	Week12	ORAOV1	protein_coding	chr11	69467844	69490184 -	7873	925.3724	0	0.269295	0.075499	3.566871	0.00042	0.064123	1
ENSG00000102221.9	TREATTXTPF-00547659 225mg	Week12	PHF16	protein_coding	chrX	46771711	46920641 +	5134	90.43757	0.003315	0.412713	0.115723	3.566382	0.000421	0.064123	1
ENSG00000165684.3	TREATTXTPF-00547659 225mg	Week12	SNAPC4	protein_coding	chr9	139270029	139293249 -	5010	806.0519	0	0.226687	0.063564	3.566278	0.000421	0.064123	1
ENSG00000160299.12	TREATTXTPF-00547659 225mg	Week12	PCNT	protein_coding	chr21	47744036	47865682 +	11660	1427.033	0	0.270259	0.075808	3.565055	0.000423	0.06421	1
ENSG00000136997.10	TREATTXTPF-00547659 225mg	Week12	MYC	protein_coding	chr8	128747680	128753674 +	2995	3174.204	0	0.345796	0.096997	3.565032	0.000423	0.06421	1
ENSG00000110080.14	TREATTXTPF-00547659 75mg	Week12	ST3GAL4	protein_coding	chr11	126225535	126310239 +	4462	2592.779	0	-0.33614	0.094326	-3.56364	0.000425	0.064436	1
ENSG00000124574.10	TREATTXTPF-00547659 225mg	Week12	ABCC10	protein_coding	chr6	43395104	43418168 +	8083	1059.095	0	0.277387	0.077864	3.562446	0.000427	0.064613	1
ENSG00000119689.10	TREATTXTPF-00547659 225mg	Week12	DLST	protein_coding	chr14	75348594	75370448 +	4550	3509.385	0	0.199003	0.055885	3.560941	0.00043	0.064784	1
ENSG00000269609.1	TREATTXTPF-00547659 225mg	Week12	RP11-181	processed_transcript	chr10	104209574	104220863 +	5660	873.7856	0	0.3504	0.098407	3.56073	0.00043	0.064784	1
ENSG00000085465.11	TREATTXTPF-00547659 225mg	Week12	OVGP1	protein_coding	chr1	111956936	111970399 -	2988	165.8354	0.003315	0.566859	0.159211	3.560417	0.00043	0.064784	1
ENSG00000128928.4	TREATTXTPF-00547659 225mg	Week12	IVD	protein_coding	chr15	40697686	40728146 +	6855	1879.224	0	0.262328	0.073712	3.558821	0.000433	0.064991	1
ENSG00000120049.14	TREATTXTPF-00547659 225mg	Week12	KCNIP2	protein_coding	chr10	103585731	103603677 -	3294	113.1746	0.003315	0.461679	0.129733	3.558674	0.000433	0.064991	1
ENSG00000211788.2	TREATTXTPF-00547659 225mg	Week12	TRAV13-1	TR_V_gene	chr14	22337020	22337546 +	360	281.547	0.001105	0.476757	0.134002	3.557847	0.000434	0.065085	1
ENSG00000153944.6	TREATTXTPF-00547659 225mg	Week12	MSI2	protein_coding	chr17	55333212	55762046 +	21471	1672.818	0	0.312361	0.087828	3.556503	0.000437	0.065194	1
ENSG00000145882.6	TREATTXTPF-00547659 225mg	Week12	PCYOX1L	protein_coding	chr5	148737570	148749216 +	6069	1182.212	0	0.3105	0.087315	3.556103	0.000437	0.065194	1

ENSG00000130653.11	TREATTXTPF-00547659 225mg	Week12	PNPLA7	protein_coding	chr9	140354404	140444986 -	8971	246.6122	0	0.425985	0.119884	3.553296	0.000442	0.065194	1
ENSG00000157570.7	TREATTXTPF-00547659 75mg	Week12	TSPAN18	protein_coding	chr11	44748015	44953972 +	5871	1306.876	0	0.344919	0.097071	3.553257	0.000442	0.065194	1
ENSG00000119397.12	TREATTXTPF-00547659 225mg	Week12	CNTRL	protein_coding	chr9	123837141	123939888 +	9417	2732.552	0	0.339561	0.095568	3.553099	0.000442	0.065194	1
ENSG00000110514.14	TREATTXTPF-00547659 225mg	Week12	MADD	protein_coding	chr11	47290712	47351582 +	8353	3986.341	0	0.244099	0.068706	3.552837	0.000442	0.065194	1
ENSG00000104490.13	TREATTXTPF-00547659 75mg	Week12	NCALD	protein_coding	chr8	102698771	103137135 -	8042	728.3823	0	0.362756	0.102104	3.552805	0.000443	0.065194	1
ENSG0000020633.14	TREATTXTPF-00547659 75mg	Week12	RUNX3	protein_coding	chr1	25226002	25291612 -	4605	779.427	0	0.323636	0.091099	3.552577	0.000443	0.065194	1
ENSG00000115568.11	TREATTXTPF-00547659 225mg	Week12	ZNF142	protein_coding	chr2	219502639	219524378 -	6982	1188.52	0	0.275887	0.077659	3.55254	0.000443	0.065194	1
ENSG00000097007.13	TREATTXTPF-00547659 225mg	Week12	ABL1	protein_coding	chr9	133589333	133763062 +	6276	1370.726	0	0.28138	0.079209	3.552381	0.000443	0.065194	1
ENSG00000189350.8	TREATTXTPF-00547659 75mg	Week12	FAM179A	protein_coding	chr2	29179477	29284239 +	19816	263.6354	0	0.373342	0.105096	3.552371	0.000443	0.065194	1
ENSG00000171824.9	TREATTXTPF-00547659 225mg	Week12	EXOSC10	protein_coding	chr1	11126675	11159938 -	6003	2378.147	0	0.260055	0.073214	3.551991	0.000444	0.065194	1
ENSG00000247679.2	TREATTXTPF-00547659 225mg	Week12	RP11-1277	antisense	chr5	177038254	177046755 +	1751	70.08508	0.003315	0.411556	0.115879	3.551613	0.000444	0.065194	1
ENSG00000099991.12	TREATTXTPF-00547659 75mg	Week12	CABIN1	protein_coding	chr22	24407642	24574596 +	9388	7596.905	0	0.245618	0.069167	3.551115	0.000445	0.065194	1
ENSG00000164048.9	TREATTXTPF-00547659 225mg	Week12	ZNF589	protein_coding	chr3	48282590	48340743 +	5521	1493.043	0	0.303192	0.085403	3.550112	0.000447	0.065194	1
ENSG00000214900.4	TREATTXTPF-00547659 225mg	Week12	C14orf182	protein_coding	chr14	50448430	504474238 -	7061	198.3127	0	0.411429	0.115902	3.549791	0.000447	0.065194	1
ENSG00000154217.10	TREATTXTPF-00547659 75mg	Week12	PITPNC1	protein_coding	chr17	65373575	65693372 +	7642	2764.113	0	0.189841	0.053488	3.549216	0.000448	0.065194	1
ENSG00000163872.11	TREATTXTPF-00547659 225mg	Week12	YEATS2	protein_coding	chr3	183415606	183530413 +	10212	1522.587	0	0.270975	0.076351	3.549081	0.000449	0.065194	1
ENSG00000048471.9	TREATTXTPF-00547659 225mg	Week12	SNX29	protein_coding	chr16	12070594	12668146 +	11298	1927.803	0	0.266691	0.075147	3.548912	0.000449	0.065194	1
ENSG00000065183.11	TREATTXTPF-00547659 225mg	Week12	WDR3	protein_coding	chr1	118472343	118509165 +	10275	953.3149	0	0.373626	0.105297	3.548316	0.00045	0.065194	1
ENSG00000244486.3	TREATTXTPF-00547659 225mg	Week12	SCARF2	protein_coding	chr22	20778874	20792146 -	3602	102.6331	0.001105	0.358959	0.101175	3.547894	0.00045	0.065194	1
ENSG00000009954.6	TREATTXTPF-00547659 225mg	Week12	BAZ1B	protein_coding	chr7	72854728	72936608 -	7053	3046.681	0	0.289487	0.081597	3.547743	0.000451	0.065194	1
ENSG00000152022.7	TREATTXTPF-00547659 225mg	Week12	LIX1L	protein_coding	chr1	145477085	145501669 +	3979	2339.228	0	0.220713	0.062216	3.547498	0.000451	0.065194	1
ENSG00000166526.12	TREATTXTPF-00547659 225mg	Week12	ZNF3	protein_coding	chr7	99661656	99680171 -	5420	1089.143	0	0.256202	0.072237	3.546704	0.000452	0.065194	1
ENSG00000119431.5	TREATTXTPF-00547659 225mg	Week12	HDHD3	protein_coding	chr9	116135699	116139279 -	2105	555.4177	0	0.315296	0.088915	3.546042	0.000454	0.065194	1
ENSG00000272325.1	TREATTXTPF-00547659 225mg	Week12	NUDT3	protein_coding	chr6	34247456	34360451 -	9905	5940.338	0	0.204356	0.057631	3.545903	0.000454	0.065194	1
ENSG00000120029.8	TREATTXTPF-00547659 225mg	Week12	C10orf76	protein_coding	chr10	103605356	103815950 -	4747	1485.906	0	0.221798	0.062555	3.545626	0.000454	0.065194	1
ENSG00000130826.11	TREATTXTPF-00547659 225mg	Week12	DKC1	protein_coding	chrX	153991031	154005964 +	4189	1554.178	0	0.272698	0.076932	3.544644	0.000456	0.065194	1
ENSG00000160613.8	TREATTXTPF-00547659 225mg	Week12	PCSK7	protein_coding	chr11	117075053	117103241 -	22303	5610.143	0	0.27087	0.076421	3.544443	0.000456	0.065194	1
ENSG00000181638.13	TREATTXTPF-00547659 225mg	Week12	ZFP41	protein_coding	chr8	144328991	144344875 +	6910	200.8022	0.00221	0.334304	0.094319	3.544392	0.000456	0.065194	1
ENSG00000113048.12	TREATTXTPF-00547659 225mg	Week12	MRPS27	protein_coding	chr5	71515236	71616473 -	6511	1821.598	0	0.277969	0.07843	3.544175	0.000457	0.065194	1
ENSG00000130348.7	TREATTXTPF-00547659 225mg	Week12	QRSL1	protein_coding	chr6	107077453	107116292 +	5453	714.8497	0	0.324877	0.091686	3.543369	0.000458	0.065194	1
ENSG00000007923.11	TREATTXTPF-00547659 225mg	Week12	DNAJC11	protein_coding	chr1	6694228	6761984 -	5147	1314.255	0	0.267685	0.075547	3.543298	0.000458	0.065194	1
ENSG00000167721.6	TREATTXTPF-00547659 225mg	Week12	TSR1	protein_coding	chr17	2225797	2240801 -	5545	1049.475	0	0.291249	0.082203	3.543033	0.000459	0.065194	1
ENSG00000249898.3	TREATTXTPF-00547659 225mg	Week12	CTD-2541f	antisense	chr8	6475996	6565730 -	3046	18.6895	0.023204	0.520712	0.147039	3.541311	0.000461	0.065349	1
ENSG00000159433.7	TREATTXTPF-00547659 225mg	Week12	STAR9D9	protein_coding	chr15	42867857	43013179 +	20706	311.4497	0	0.477005	0.134704	3.54113	0.000462	0.065349	1
ENSG00000178802.13	TREATTXTPF-00547659 225mg	Week12	MPI	protein_coding	chr15	75182346	75191798 +	6328	1193.902	0	0.304825	0.08609	3.540753	0.000462	0.065349	1
ENSG00000135414.5	TREATTXTPF-00547659 225mg	Week12	GDF11	protein_coding	chr12	56137064	56150911 +	3846	304.6243	0	0.358998	0.101391	3.540735	0.000462	0.065349	1
ENSG00000103489.7	TREATTXTPF-00547659 225mg	Week12	XYLT1	protein_coding	chr16	17195626	17564738 -	11004	1707.814	0	0.335345	0.094723	3.540253	0.000463	0.065366	1
ENSG00000158859.9	TREATTXTPF-00547659 225mg	Week12	ADAMTS4	protein_coding	chr1	161154098	161168846 -	10334	42.65635	0.012155	0.556209	0.157191	3.538438	0.000466	0.065617	1
ENSG00000143393.12	TREATTXTPF-00547659 225mg	Week12	PI4KB	protein_coding	chr1	151264273	151300191 -	5456	5158.749	0	0.140419	0.039684	3.538382	0.000466	0.065617	1
ENSG00000111602.7	TREATTXTPF-00547659 225mg	Week12	TIMELESS	protein_coding	chr12	56810903	56843187 -	5072	460.5702	0	0.328076	0.092761	3.536795	0.000469	0.065881	1
ENSG00000196440.7	TREATTXTPF-00547659 225mg	Week12	ARMCX4	protein_coding	chrX	100673275	100788446 +	13347	146.8265	0.001105	0.424966	0.120167	3.536463	0.00047	0.065881	1
ENSG00000100307.8	TREATTXTPF-00547659 225mg	Week12	CBX7	protein_coding	chr22	39516172	39548679 -	7461	6202.866	0	0.232638	0.06579	3.536054	0.00047	0.065881	1
ENSG00000070047.7	TREATTXTPF-00547659 225mg	Week12	PHRF1	protein_coding	chr11	576486	612222 +	5769	2757.961	0	0.241802	0.068397	3.535269	0.000472	0.065972	1
ENSG00000142208.11	TREATTXTPF-00547659 75mg	Week12	AKT1	protein_coding	chr14	105235686	105262088 +	10838	9398.474	0	0.165624	0.046864	3.534129	0.000474	0.066072	1
ENSG00000186918.9	TREATTXTPF-00547659 225mg	Week12	ZNF395	protein_coding	chr8	28203102	28260218 -	5819	1278.994	0	0.327425	0.092665	3.533441	0.000475	0.066072	1
ENSG00000196092.8	TREATTXTPF-00547659 225mg	Week12	PAX5	protein_coding	chr9	36833272	37034103 -	9254	1180.326	0	0.461174	0.130522	3.533305	0.000475	0.066072	1
ENSG00000239959.4	TREATTXTPF-00547659 225mg	Week12	AFG3L1P	pseudogene	chr16	90038994	90068569 +	9532	938.5746	0	0.335356	0.094923	3.532935	0.000476	0.066072	1
ENSG00000107185.8	TREATTXTPF-00547659 225mg	Week12	RGP1	protein_coding	chr9	35749203	35758572 +	7180	1806.504	0	0.185087	0.052391	3.53283	0.000476	0.066072	1
ENSG00000184428.8	TREATTXTPF-00547659 225mg	Week12	TOP1MT	protein_coding	chr8	144386554	144442149 -	6441	777.5481	0	0.30033	0.085036	3.531791	0.000478	0.066132	1
ENSG00000120306.5	TREATTXTPF-00547659 225mg	Week12	CYSTM1	protein_coding	chr5	139554227	139661637 +	2183	3961.198	0	-0.50113	0.141891	-3.53177	0.000478	0.066132	1
ENSG00000151136.10	TREATTXTPF-00547659 75mg	Week12	BTBD11	protein_coding	chr12	107712190	108053419 +	7924	561.7801	0	0.33195	0.094006	3.531155	0.000479	0.066184	1
ENSG00000095319.10	TREATTXTPF-00547659 225mg	Week12	NUP188	protein_coding	chr9	131709978	131769375 +	8041	1979.347	0	0.292527	0.082855	3.530589	0.00048	0.0662	1
ENSG00000226396.1	TREATTXTPF-00547659 225mg	Week12	RPS14P3	pseudogene	chr1	19934608	19935062 +	455	61.43094	0.00442	0.425324	0.120492	3.529893	0.000481	0.0662	1

ENSG00000095585.12	TREATTXTPF-00547659 225mg	Week12	BLNK	protein_coding	chr10	97951458	98031344 -	3706	495.3459	0.001105	0.407119	0.115335	3.529883	0.000481	0.0662	1
ENSG00000124160.7	TREATTXTPF-00547659 225mg	Week12	NCOA5	protein_coding	chr20	44689624	44718591 -	3220	2458.986	0	0.242707	0.068798	3.527832	0.000485	0.066458	1
ENSG00000188807.8	TREATTXTPF-00547659 225mg	Week12	TMEM201	protein_coding	chr1	9648932	9674935 +	7018	264.6398	0	0.324251	0.091916	3.527672	0.000485	0.066458	1
ENSG00000058600.11	TREATTXTPF-00547659 225mg	Week12	POLR3E	protein_coding	chr16	22308730	22346424 +	9454	1201.79	0	0.300167	0.085101	3.527195	0.000486	0.066458	1
ENSG00000100721.6	TREATTXTPF-00547659 75mg	Week12	TCL1A	protein_coding	chr14	96176304	96180533 +	2236	1801.364	0.001105	0.502701	0.142527	3.527067	0.000486	0.066458	1
ENSG00000145016.9	TREATTXTPF-00547659 225mg	Week12	KIAA0226	protein_coding	chr3	197398264	197476598 -	8613	2882.028	0	0.224546	0.063673	3.520568	0.000487	0.066458	1
ENSG00000147044.16	TREATTXTPF-00547659 225mg	Week12	CASK	protein_coding	chrX	41374187	41782716 -	10547	576.9138	0	0.356284	0.101035	3.526331	0.000487	0.066458	1
ENSG00000125731.8	TREATTXTPF-00547659 225mg	Week12	SH2D3A	protein_coding	chr19	6752171	6767599 -	5716	609.2519	0	0.36565	0.103706	3.525845	0.000488	0.066458	1
ENSG00000130584.6	TREATTXTPF-00547659 225mg	Week12	ZBTB46	protein_coding	chr20	62375019	62462597 -	5955	97.62304	0.003315	0.364315	0.103333	3.525628	0.000488	0.066458	1
ENSG0000011784.2	TREATTXTPF-00547659 75mg	Week12	TRAV10	TR_V_gene	chr14	22293636	22294239 +	379	60.69282	0.00884	0.556042	0.157764	3.524512	0.00049	0.066617	1
ENSG00000142798.12	TREATTXTPF-00547659 225mg	Week12	HSPG2	protein_coding	chr1	22148738	22263790 -	17694	104.126	0.001105	0.461372	0.130957	3.523071	0.000493	0.066617	1
ENSG00000214331.4	TREATTXTPF-00547659 225mg	Week12	RP11-252/	pseudogene	chr16	74366300	74402138 -	3828	179.6077	0.00442	0.425151	0.120681	3.522928	0.000493	0.066617	1
ENSG00000143851.11	TREATTXTPF-00547659 75mg	Week12	PTPN7	protein_coding	chr1	202116141	202130716 -	5906	3324.515	0	0.233223	0.066204	3.522799	0.000493	0.066617	1
ENSG00000242861.1	TREATTXTPF-00547659 225mg	Week12	RP11-285f	antisense	chr1	226028584	226034223 -	348	323.084	0.001105	0.350498	0.099499	3.522632	0.000494	0.066617	1
ENSG00000176986.10	TREATTXTPF-00547659 225mg	Week12	SEC24C	protein_coding	chr10	75504120	75531919 +	5363	7100.891	0	0.168741	0.047902	3.522602	0.000494	0.066617	1
ENSG00000196436.7	TREATTXTPF-00547659 225mg	Week12	NPIPB15	protein_coding	chr16	74411776	74425978 +	1428	135.3017	0.040884	0.544637	0.154654	3.52165	0.000496	0.066695	1
ENSG00000123600.14	TREATTXTPF-00547659 225mg	Week12	METTL8	protein_coding	chr2	172173919	172291312 -	10070	397.3536	0.001105	0.458594	0.13026	3.520612	0.000497	0.066695	1
ENSG00000136709.7	TREATTXTPF-00547659 225mg	Week12	WDR33	protein_coding	chr2	128458596	128568761 -	14580	3454.716	0	0.190795	0.054195	3.520539	0.000498	0.066695	1
ENSG00000161267.7	TREATTXTPF-00547659 225mg	Week12	BDH1	protein_coding	chr3	197236654	197300194 -	9112	531.4044	0	0.338561	0.09617	3.520459	0.000498	0.066695	1
ENSG00000187862.7	TREATTXTPF-00547659 225mg	Week12	TTC24	protein_coding	chr1	156549519	156556562 +	2829	113.6895	0.005525	0.602887	0.171278	3.519931	0.000499	0.066695	1
ENSG00000198131.9	TREATTXTPF-00547659 225mg	Week12	ZNF544	protein_coding	chr19	58739960	58788815 +	6953	546.0972	0	0.33326	0.094678	3.519931	0.000499	0.066695	1
ENSG00000068654.11	TREATTXTPF-00547659 225mg	Week12	POLR1A	protein_coding	chr2	86247339	86333278 -	13519	962.1967	0	0.315585	0.08967	3.519412	0.0005	0.066702	1
ENSG00000143851.11	TREATTXTPF-00547659 225mg	Week12	PTPN7	protein_coding	chr1	202116141	202130716 -	5906	3324.515	0	0.239343	0.068012	3.519124	0.0005	0.066702	1
ENSG00000103199.9	TREATTXTPF-00547659 225mg	Week12	ZNF500	protein_coding	chr16	4798240	4817625 -	6465	517.2895	0	0.319146	0.090744	3.516993	0.000504	0.066927	1
ENSG00000063127.11	TREATTXTPF-00547659 225mg	Week12	SLC6A16	protein_coding	chr19	49792895	49828482 -	3599	205.8862	0.00221	0.291743	0.082953	3.516983	0.000504	0.066927	1
ENSG00000010292.8	TREATTXTPF-00547659 225mg	Week12	NCAPD2	protein_coding	chr12	6602522	6641121 +	6487	3115.244	0	0.23175	0.065899	3.516752	0.000504	0.066927	1
ENSG00000136457.5	TREATTXTPF-00547659 75mg	Week12	CHAD	protein_coding	chr17	48541857	48546327 -	1802	56.0674	0.012155	0.599633	0.170513	3.516643	0.000505	0.066927	1
ENSG00000261123.1	TREATTXTPF-00547659 225mg	Week12	RP11-304/	sense_intronic	chr16	2144831	2147027 -	596	4.244199	0.318232	0.536043	0.152509	3.514831	0.000508	0.067103	1
ENSG00000117222.9	TREATTXTPF-00547659 225mg	Week12	RBBP5	protein_coding	chr1	205055270	205091143 -	4404	1525.032	0	0.230353	0.065538	3.514781	0.000508	0.067103	1
ENSG00000165733.7	TREATTXTPF-00547659 225mg	Week12	BMS1	protein_coding	chr10	43278249	43330385 +	7753	158.4712	0	0.302293	0.086012	3.514567	0.000508	0.067103	1
ENSG00000011376.5	TREATTXTPF-00547659 225mg	Week12	LARS2	protein_coding	chr3	45429998	45590913 +	5393	506.7569	0	0.274385	0.078075	3.514372	0.000509	0.067103	1
ENSG00000021355.8	TREATTXTPF-00547659 75mg	Week12	SERPINB1	protein_coding	chr6	2832566	2842240 -	3226	17420.22	0	-0.2389	0.067989	-3.51376	0.00051	0.067158	1
ENSG00000142959.4	TREATTXTPF-00547659 225mg	Week12	BEST4	protein_coding	chr1	45249257	45253377 -	2047	21.4895	0.023204	0.505142	0.143822	3.512274	0.000513	0.067312	1
ENSG00000175662.13	TREATTXTPF-00547659 225mg	Week12	TOM1L2	protein_coding	chr17	17746828	17875736 -	7860	2499.513	0	0.22943	0.065323	3.512259	0.000513	0.067312	1
ENSG00000186575.13	TREATTXTPF-00547659 225mg	Week12	NF2	protein_coding	chr22	29999545	30094587 +	7170	1478.755	0	0.254124	0.072363	3.511786	0.000514	0.067312	1
ENSG00000112655.11	TREATTXTPF-00547659 225mg	Week12	PTK7	protein_coding	chr6	43044006	43129457 +	9024	116.9978	0.003315	0.353508	0.100681	3.511183	0.000515	0.067312	1
ENSG00000147144.8	TREATTXTPF-00547659 225mg	Week12	CCDC120	protein_coding	chrX	48911101	48927509 +	5439	304.7348	0	0.311502	0.088726	3.510836	0.000515	0.067312	1
ENSG00000084652.11	TREATTXTPF-00547659 225mg	Week12	TXLNA	protein_coding	chr1	32645287	32663886 +	5103	2883.801	0	0.260495	0.0742	3.510722	0.000516	0.067312	1
ENSG00000183309.7	TREATTXTPF-00547659 225mg	Week12	ZNF623	protein_coding	chr8	144718183	144735900 +	4334	562.0552	0	0.371664	0.105874	3.510451	0.000516	0.067312	1
ENSG00000060094.10	TREATTXTPF-00547659 225mg	Week12	ZNF362	protein_coding	chr1	33722146	33766320 +	3331	805.5271	0	0.249263	0.071015	3.509985	0.000517	0.067333	1
ENSG00000125651.9	TREATTXTPF-00547659 225mg	Week12	GTF2F1	protein_coding	chr19	6379580	6393992 -	3134	3204.09	0	0.187369	0.053394	3.509208	0.000518	0.067351	1
ENSG00000173581.3	TREATTXTPF-00547659 225mg	Week12	CCDC106	protein_coding	chr19	56152428	56164527 +	2709	213.179	0.001105	0.349709	0.099656	3.509149	0.000518	0.067351	1
ENSG00000105323.12	TREATTXTPF-00547659 225mg	Week12	HNRNPUL1	protein_coding	chr19	41768401	41813503 +	6537	15458.83	0	0.174866	0.049841	3.50844	0.00052	0.06741	1
ENSG00000120254.11	TREATTXTPF-00547659 225mg	Week12	MTHFD1L	protein_coding	chr6	151186685	151423023 +	4945	199.8122	0	0.33279	0.094877	3.507575	0.000521	0.06741	1
ENSG00000188971.4	TREATTXTPF-00547659 225mg	Week12	RP11-427/	lincRNA	chr2	69685129	69693664 -	8536	2809.56	0	0.306852	0.087487	3.507392	0.000522	0.06741	1
ENSG00000129521.9	TREATTXTPF-00547659 75mg	Week12	EGLN3	protein_coding	chr14	34393437	34931980 -	7359	125.3337	0.001105	0.352552	0.100526	3.507076	0.000522	0.06741	1
ENSG00000140694.12	TREATTXTPF-00547659 225mg	Week12	PARN	protein_coding	chr16	14529558	14726585 -	4382	1492.875	0	0.202788	0.057824	3.506953	0.000523	0.06741	1
ENSG00000182240.11	TREATTXTPF-00547659 225mg	Week12	BACE2	protein_coding	chr21	42539728	42654445 +	9619	483.7039	0	0.38024	0.108446	3.506278	0.000524	0.06741	1
ENSG00000088387.13	TREATTXTPF-00547659 225mg	Week12	DOCK9	protein_coding	chr13	99445741	99738879 -	10061	1222.471	0	0.479174	0.136662	3.506263	0.000524	0.06741	1
ENSG00000132185.12	TREATTXTPF-00547659 75mg	Week12	FCRLA	protein_coding	chr1	161676762	161684142 +	3275	1038.283	0	0.418264	0.119367	3.504002	0.000528	0.067699	1
ENSG00000041880.10	TREATTXTPF-00547659 225mg	Week12	PARP3	protein_coding	chr3	51976361	51982883 +	2928	394.9436	0.001105	0.321504	0.09176	3.503738	0.000529	0.067699	1
ENSG00000204852.11	TREATTXTPF-00547659 225mg	Week12	TCTN1	protein_coding	chr12	111051832	111087235 +	9605	340.7171	0.00221	0.471085	0.134487	3.502838	0.00053	0.067699	1
ENSG00000134202.6	TREATTXTPF-00547659 75mg	Week12	GSTM3	protein_coding	chr1	110276554	110284384 -	4837	160.5514	0.003315	0.474503	0.135472	3.502585	0.000531	0.067699	1

ENSG00000103423.9	TREATTXTPF-00547659 225mg	Week12	DNAJA3	protein_coding	chr16	4475806	4506776 +	7071	1283.856	0	0.311425	0.088927	3.502024	0.000532	0.067699	1
ENSG00000133065.6	TREATTXTPF-00547659 225mg	Week12	SLC41A1	protein_coding	chr1	205758221	205782876 -	6357	772.7481	0	0.369519	0.10552	3.501901	0.000532	0.067699	1
ENSG00000050327.10	TREATTXTPF-00547659 225mg	Week12	ARHGFE5	protein_coding	chr7	144052381	144077725 +	5818	84.22652	0.001105	0.358008	0.102235	3.501805	0.000532	0.067699	1
ENSG00000165282.9	TREATTXTPF-00547659 225mg	Week12	PIGO	protein_coding	chr9	35088685	35096591 -	7202	742.7403	0	0.263102	0.075136	3.501669	0.000533	0.067699	1
ENSG00000106479.6	TREATTXTPF-00547659 225mg	Week12	ZNF862	protein_coding	chr7	149535456	149564568 +	8430	2051.457	0	0.277116	0.079144	3.50142	0.000533	0.067699	1
ENSG00000100311.12	TREATTXTPF-00547659 225mg	Week12	PDGFB	protein_coding	chr22	39619364	39640756 -	3761	179.5602	0	0.418166	0.119467	3.500274	0.000535	0.067699	1
ENSG00000136504.7	TREATTXTPF-00547659 225mg	Week12	KAT7	protein_coding	chr17	47865917	47906458 +	6085	2934.304	0	0.197992	0.056568	3.500044	0.000536	0.067699	1
ENSG00000177051.5	TREATTXTPF-00547659 225mg	Week12	FBXO46	protein_coding	chr19	46213887	46234162 -	3535	1443.629	0	0.197694	0.056487	3.499813	0.000536	0.067699	1
ENSG00000174243.5	TREATTXTPF-00547659 225mg	Week12	DDX23	protein_coding	chr12	49223547	49246625 -	5419	5129.129	0	0.17076	0.048797	3.499375	0.000537	0.067699	1
ENSG00000215161.2	TREATTXTPF-00547659 75mg	Week12	RP11-540C	lincRNA	chr15	41199009	41201540 +	589	9.114917	0.058564	0.473802	0.135415	3.498892	0.000538	0.067699	1
ENSG00000197928.6	TREATTXTPF-00547659 225mg	Week12	ZNF677	protein_coding	chr19	53731577	53758151 -	14542	116.8829	0.005525	0.560091	0.160077	3.498887	0.000538	0.067699	1
ENSG00000211746.3	TREATTXTPF-00547659 225mg	Week12	TRBV19	TR_V_gene	chr7	142326363	142327046 +	552	509.0199	0	0.411011	0.11747	3.498872	0.000538	0.067699	1
ENSG00000140987.15	TREATTXTPF-00547659 225mg	Week12	ZSCAN3	protein_coding	chr16	3432085	3451065 -	4009	1081.582	0	0.222521	0.0636	3.498751	0.000538	0.067699	1
ENSG00000166398.8	TREATTXTPF-00547659 225mg	Week12	KIAA0355	protein_coding	chr19	34745442	34846091 +	7459	1083.077	0	0.337025	0.096407	3.495849	0.000544	0.068144	1
ENSG00000160007.13	TREATTXTPF-00547659 225mg	Week12	ARHGAP3	protein_coding	chr19	47421933	47508334 +	11245	1556.098	0	0.256432	0.073358	3.495625	0.000544	0.068144	1
ENSG00000232677.2	TREATTXTPF-00547659 225mg	Week12	LINC00665	lincRNA	chr19	36803969	36822620 -	7201	169.0663	0.00221	0.438328	0.125431	3.494561	0.000546	0.068144	1
ENSG00000174306.17	TREATTXTPF-00547659 225mg	Week12	ZHX3	protein_coding	chr20	39807088	39946312 -	11621	371.526	0.001105	0.309405	0.08854	3.494514	0.000547	0.068144	1
ENSG00000143434.11	TREATTXTPF-00547659 75mg	Week12	SEMA6C	protein_coding	chr1	151104161	151119104 -	5773	130.547	0	0.345051	0.09875	3.494173	0.000547	0.068144	1
ENSG00000117461.10	TREATTXTPF-00547659 75mg	Week12	PIK3R3	protein_coding	chr1	46505812	46642160 -	7676	177.737	0.001105	0.424177	0.121408	3.49381	0.000548	0.068144	1
ENSG00000101407.8	TREATTXTPF-00547659 225mg	Week12	TTI1	protein_coding	chr20	36611409	36661870 -	4122	1164.752	0	0.181244	0.05188	3.493535	0.000548	0.068144	1
ENSG00000115053.11	TREATTXTPF-00547659 225mg	Week12	NCL	protein_coding	chr2	232318242	232348352 -	6929	11999.84	0	0.288612	0.08262	3.49326	0.000549	0.068144	1
ENSG00000197948.6	TREATTXTPF-00547659 225mg	Week12	FCHSD1	protein_coding	chr5	141018869	141030986 -	6073	2942.761	0	0.171562	0.049115	3.493098	0.000549	0.068144	1
ENSG00000100335.8	TREATTXTPF-00547659 225mg	Week12	MIEF1	protein_coding	chr22	39895437	39914137 +	7555	1826.212	0	0.277799	0.079532	3.49291	0.00055	0.068144	1
ENSG00000211724.3	TREATTXTPF-00547659 225mg	Week12	TRBV6-6	TR_V_gene	chr7	142161931	142162407 -	388	125.6287	0.00442	0.485569	0.139042	3.492249	0.000551	0.068144	1
ENSG00000303122.14	TREATTXTPF-00547659 225mg	Week12	LRRC7	protein_coding	chr1	70034081	70617628 +	14652	11.56906	0.246409	0.717737	0.205529	3.492148	0.000551	0.068144	1
ENSG00000126251.5	TREATTXTPF-00547659 22.5mg	Week12	GPR42	protein_coding	chr19	35861831	35863855 +	1854	10.47514	0.145856	-0.6505	0.186299	-3.49169	0.000552	0.068144	1
ENSG00000253701.1	TREATTXTPF-00547659 75mg	Week12	AL928768	lincRNA	chr14	106170301	106170939 -	359	215.6376	0.00221	0.503753	0.144285	3.491375	0.000553	0.068144	1
ENSG00000261659.2	TREATTXTPF-00547659 225mg	Week12	LA16c-313	processed_transcript	chr16	739001	742554 +	3554	39.17127	0.007735	0.443475	0.12703	3.491099	0.000553	0.068144	1
ENSG00000063046.13	TREATTXTPF-00547659 225mg	Week12	EIF4B	protein_coding	chr12	53399942	53435993 +	6146	21851.47	0	0.265316	0.076007	3.490694	0.000554	0.068144	1
ENSG00000149179.9	TREATTXTPF-00547659 225mg	Week12	C11orf49	protein_coding	chr11	46958240	47185936 +	5671	374.979	0	0.28388	0.081341	3.490004	0.000555	0.068144	1
ENSG00000182670.9	TREATTXTPF-00547659 225mg	Week12	TTC3	protein_coding	chr21	38445526	38575413 +	15883	3594.893	0	0.365107	0.104616	3.489991	0.000556	0.068144	1
ENSG00000253865.1	TREATTXTPF-00547659 225mg	Week12	RP11-394A	antisense	chr5	148751737	148754679 +	588	24.94807	0.01547	0.524193	0.15022	3.489497	0.000556	0.068144	1
ENSG00000245849.2	TREATTXTPF-00547659 225mg	Week12	RAD51-AS	processed_transcript	chr15	40978922	40987305 -	1696	442.3878	0.00221	0.455231	0.130466	3.489261	0.000557	0.068144	1
ENSG00000166289.5	TREATTXTPF-00547659 75mg	Week12	PLEKHF1	protein_coding	chr19	30155963	30166364 +	2681	972.747	0	0.365941	0.104879	3.489154	0.000557	0.068144	1
ENSG00000056972.14	TREATTXTPF-00547659 225mg	Week12	TRAF3IP2	protein_coding	chr6	111877657	111927481 -	6553	619.4685	0	0.237717	0.068135	3.488936	0.000558	0.068144	1
ENSG00000147454.9	TREATTXTPF-00547659 225mg	Week12	SLC25A37	protein_coding	chr8	23386318	23432976 +	8147	65728.44	0	-0.33072	0.094805	-3.4884	0.000559	0.068188	1
ENSG00000234184.1	TREATTXTPF-00547659 75mg	Week12	RP5-887A	lincRNA	chr1	81001440	81112473 +	709	52.76133	0.01326	0.645527	0.185069	3.488041	0.000559	0.068188	1
ENSG00000123405.9	TREATTXTPF-00547659 225mg	Week12	NFE2	protein_coding	chr12	54685895	54694905 -	2469	23361.27	0	-0.31546	0.090482	-3.48644	0.000563	0.068494	1
ENSG00000196535.10	TREATTXTPF-00547659 225mg	Week12	MYO18A	protein_coding	chr17	27400528	27507430 -	10771	2136.67	0	0.306486	0.087932	3.485485	0.000565	0.06864	1
ENSG00000140543.9	TREATTXTPF-00547659 225mg	Week12	DET1	protein_coding	chr15	89054790	89099906 -	2658	186.8597	0.00221	0.322057	0.09241	3.485093	0.000565	0.068649	1
ENSG00000225314.1	TREATTXTPF-00547659 7.5mg	Week12	AC018634	pseudogene	chr7	37860812	37861212 +	401	3.096133	0.412155	0.495778	0.142326	3.483401	0.000569	0.068979	1
ENSG00000116824.4	TREATTXTPF-00547659 75mg	Week12	CD2	protein_coding	chr1	117297007	117311850 +	1679	6772.929	0	0.332219	0.09541	3.482021	0.000572	0.069233	1
ENSG00000163879.9	TREATTXTPF-00547659 22.5mg	Week12	DNALI1	protein_coding	chr1	38022520	38032458 +	4456	3.534807	0.379006	0.51696	0.148495	3.481331	0.000573	0.069269	1
ENSG00000015133.14	TREATTXTPF-00547659 225mg	Week12	CDC88C	protein_coding	chr14	91737667	91884188 -	12426	5976.85	0	0.306473	0.088051	3.480643	0.000574	0.069269	1
ENSG00000154945.6	TREATTXTPF-00547659 225mg	Week12	ANKRD40	protein_coding	chr17	48770551	48785285 -	4849	1265.292	0	0.303907	0.087316	3.480555	0.000575	0.069269	1
ENSG00000171467.11	TREATTXTPF-00547659 225mg	Week12	ZNF318	protein_coding	chr6	43274872	43337216 -	9559	1485.665	0	0.341229	0.098058	3.479851	0.000576	0.069269	1
ENSG00000171606.13	TREATTXTPF-00547659 225mg	Week12	ZNF274	protein_coding	chr19	58694396	58724928 +	8332	1560.497	0	0.256544	0.073729	3.479557	0.000577	0.069269	1
ENSG00000065802.7	TREATTXTPF-00547659 225mg	Week12	ASB1	protein_coding	chr2	239335383	239360891 +	7410	1546.29	0	0.242958	0.069826	3.479455	0.000577	0.069269	1
ENSG00000106624.4	TREATTXTPF-00547659 225mg	Week12	AEBP1	protein_coding	chr7	44143960	44154161 +	4955	324.0972	0	0.402366	0.115645	3.479319	0.000577	0.069269	1
ENSG00000204560.5	TREATTXTPF-00547659 225mg	Week12	DHX16	protein_coding	chr6	30620896	30640814 -	4008	3036.454	0	0.147765	0.042473	3.47904	0.000578	0.069269	1
ENSG00000121310.12	TREATTXTPF-00547659 225mg	Week12	ECHDC2	protein_coding	chr1	53361656	53392884 -	11498	1649.181	0	0.368315	0.105882	3.478558	0.000579	0.069302	1
ENSG00000126368.5	TREATTXTPF-00547659 225mg	Week12	NR1D1	protein_coding	chr17	38249040	38256978 -	2772	525.5138	0	0.381754	0.109779	3.47747	0.000581	0.069425	1
ENSG00000183092.11	TREATTXTPF-00547659 225mg	Week12	BEGAIN	protein_coding	chr14	101003486	101053750 -	7073	171.1503	0.00884	0.337554	0.097072	3.477357	0.000581	0.069425	1

ENSG00000196199.9	TREATTXTPF-00547659 225mg	Week12	MPHOSPH protein_coding	chr13	20207788	20247599 +	4786	3493.062	0	0.220546	0.063444	3.476224	0.000584	0.069575	1
ENSG00000188185.7	TREATTXTPF-00547659 225mg	Week12	LINC00265 lincRNA	chr7	39773231	39832691 +	3115	293.242	0.001105	0.403446	0.11607	3.475874	0.000584	0.069575	1
ENSG0000013573.12	TREATTXTPF-00547659 225mg	Week12	DDX11 protein_coding	chr12	31226779	31257725 +	8374	696.926	0	0.345845	0.099535	3.474602	0.000587	0.069575	1
ENSG00000081760.12	TREATTXTPF-00547659 225mg	Week12	AACS protein_coding	chr12	125549925	125627873 +	16089	544.4994	0	0.25179	0.072468	3.474501	0.000587	0.069575	1
ENSG00000260655.1	TREATTXTPF-00547659 225mg	Week12	CTA-250D: lincRNA	chr22	42318027	42319104 -	1078	471.958	0.001105	0.43243	0.124476	3.473999	0.000588	0.069575	1
ENSG00000168778.7	TREATTXTPF-00547659 225mg	Week12	TC2N2 protein_coding	chr12	124155660	124192948 +	5104	153.726	0	0.414761	0.119392	3.473933	0.000588	0.069575	1
ENSG00000156502.9	TREATTXTPF-00547659 225mg	Week12	SUPV3L1 protein_coding	chr10	70939988	70968855 +	4283	740.5724	0	0.277172	0.079788	3.473872	0.000589	0.069575	1
ENSG00000083812.7	TREATTXTPF-00547659 225mg	Week12	ZNF324 protein_coding	chr19	58978423	58984945 +	3795	410.1956	0	0.30144	0.086775	3.47379	0.000589	0.069575	1
ENSG00000172992.7	TREATTXTPF-00547659 225mg	Week12	DCAKD protein_coding	chr17	43100708	43138473 +	2830	700.5547	0	0.258631	0.074463	3.473277	0.00059	0.069575	1
ENSG00000172349.12	TREATTXTPF-00547659 225mg	Week12	IL16 protein_coding	chr15	81451916	81605104 +	10875	21669.99	0	0.150085	0.043215	3.472995	0.00059	0.069575	1
ENSG00000196187.7	TREATTXTPF-00547659 225mg	Week12	TMEM63A protein_coding	chr1	226033237	226070069 -	10339	5178.667	0	0.265422	0.076426	3.472915	0.000591	0.069575	1
ENSG00000171084.11	TREATTXTPF-00547659 225mg	Week12	FAM86JP pseudogene	chr3	125635463	125648867 +	2519	22.82099	0.029834	0.539245	0.15533	3.4716	0.000593	0.069706	1
ENSG00000128833.8	TREATTXTPF-00547659 225mg	Week12	MYO5C protein_coding	chr15	52484519	52587995 -	10045	54.0663	0.009945	0.490341	0.141245	3.471555	0.000593	0.069706	1
ENSG00000148297.11	TREATTXTPF-00547659 225mg	Week12	MED22 protein_coding	chr9	136205160	136214986 -	7242	2394.4	0	0.163261	0.047031	3.47133	0.000594	0.069706	1
ENSG00000188522.10	TREATTXTPF-00547659 75mg	Week12	FAM83G protein_coding	chr17	18872102	18908117 -	7883	374.6265	0	0.355424	0.102398	3.471006	0.000595	0.069706	1
ENSG00000215193.8	TREATTXTPF-00547659 225mg	Week12	PEX26 protein_coding	chr22	18560689	18613905 +	20042	1713.094	0	0.251359	0.07243	3.470363	0.000596	0.06978	1
ENSG00000126243.4	TREATTXTPF-00547659 75mg	Week12	LRFN3 protein_coding	chr19	36426260	36436669 +	4044	364.7481	0	0.396796	0.114413	3.468094	0.000601	0.070087	1
ENSG00000177951.13	TREATTXTPF-00547659 75mg	Week12	BET1L protein_coding	chr11	167784	207428 -	3868	2363.464	0	0.194402	0.056055	3.468072	0.000601	0.070087	1
ENSG00000184557.3	TREATTXTPF-00547659 75mg	Week12	SOC53 protein_coding	chr17	76352864	76356158 -	2729	4927.359	0	-0.45305	0.130649	-3.46773	0.000602	0.070087	1
ENSG00000260188.1	TREATTXTPF-00547659 225mg	Week12	CTA-331P: antisense	chr6	110799110	110800639 +	1530	28.77901	0.023204	-0.58045	0.167386	-3.46772	0.000602	0.070087	1
ENSG00000085511.15	TREATTXTPF-00547659 225mg	Week12	MAP3K4 protein_coding	chr6	161412759	161538417 +	7522	1379.751	0	0.311192	0.089754	3.467149	0.000603	0.070087	1
ENSG00000135763.5	TREATTXTPF-00547659 225mg	Week12	URB2 protein_coding	chr1	229761981	229795946 +	6001	341.9547	0.001105	0.339927	0.098044	3.467073	0.000603	0.070087	1
ENSG00000112139.10	TREATTXTPF-00547659 225mg	Week12	MDGA1 protein_coding	chr6	37600284	37667082 -	12385	324.863	0.041989	0.500391	0.144348	3.46657	0.000604	0.070123	1
ENSG00000103550.9	TREATTXTPF-00547659 225mg	Week12	KNOP1 protein_coding	chr16	19714902	19729557 -	6115	323.4354	0	0.319448	0.092177	3.465587	0.000606	0.070123	1
ENSG00000162373.8	TREATTXTPF-00547659 225mg	Week12	BEND5 protein_coding	chr1	49193195	49242641 -	2138	69.94144	0.003315	0.512124	0.147793	3.465142	0.000607	0.070123	1
ENSG00000144791.5	TREATTXTPF-00547659 225mg	Week12	LIMD1 protein_coding	chr3	45596886	45727830 +	12673	2067.466	0	0.353151	0.101926	3.464771	0.000608	0.070123	1
ENSG00000185513.10	TREATTXTPF-00547659 225mg	Week12	L3MBTL1 protein_coding	chr20	42136320	42179590 +	10674	317.9182	0.001105	0.35079	0.101252	3.464513	0.000609	0.070123	1
ENSG00000090565.11	TREATTXTPF-00547659 225mg	Week12	RAB11FIP: protein_coding	chr16	475619	573011 +	6317	981.1779	0	0.306124	0.08836	3.464495	0.000609	0.070123	1
ENSG00000211784.2	TREATTXTPF-00547659 225mg	Week12	TRAV10 TR_V_gene	chr14	22293636	22294239 +	379	60.69282	0.00884	0.561208	0.161999	3.464279	0.000609	0.070123	1
ENSG00000112640.10	TREATTXTPF-00547659 225mg	Week12	PPP2R5D protein_coding	chr6	42952237	42980080 +	3314	2271.371	0	0.193567	0.055876	3.464199	0.000609	0.070123	1
ENSG00000106144.15	TREATTXTPF-00547659 225mg	Week12	CASP2 protein_coding	chr7	142985308	143004789 +	8020	3905.164	0	0.210477	0.06078	3.462925	0.000612	0.070358	1
ENSG00000197694.9	TREATTXTPF-00547659 225mg	Week12	SPTAN1 protein_coding	chr9	131314866	131395941 +	11007	8836.406	0	0.303726	0.087745	3.462145	0.000615	0.070593	1
ENSG00000131844.11	TREATTXTPF-00547659 225mg	Week12	MCCC2 protein_coding	chr5	70883115	70954531 +	6034	1320.783	0	0.302355	0.087359	3.461047	0.000616	0.070593	1
ENSG00000066933.11	TREATTXTPF-00547659 225mg	Week12	MYO9A protein_coding	chr15	72114632	72410918 -	20250	660.5801	0	0.35989	0.103991	3.460778	0.000617	0.070593	1
ENSG00000112320.7	TREATTXTPF-00547659 225mg	Week12	SOBP protein_coding	chr6	107811162	107981357 +	5774	17.36022	0.054144	0.584136	0.168802	3.460489	0.000617	0.070593	1
ENSG00000143842.10	TREATTXTPF-00547659 75mg	Week12	SOX13 protein_coding	chr1	204042243	204096863 +	7412	293.7989	0	0.388579	0.112303	3.460093	0.000618	0.070593	1
ENSG00000088808.12	TREATTXTPF-00547659 225mg	Week12	PPP1R13B protein_coding	chr14	104200089	104313927 -	9031	496.4884	0.001105	0.35386	0.102273	3.45996	0.000619	0.070593	1
ENSG00000105717.9	TREATTXTPF-00547659 225mg	Week12	PBX4 protein_coding	chr19	19672522	19729725 -	2548	273.242	0	0.345028	0.09976	3.458576	0.000622	0.070784	1
ENSG00000138942.11	TREATTXTPF-00547659 22.5mg	Week12	RNF185 protein_coding	chr22	31556168	31603005 +	3447	2759.916	0	0.146403	0.042332	3.458455	0.000622	0.070784	1
ENSG00000157617.12	TREATTXTPF-00547659 225mg	Week12	C2CD2 protein_coding	chr21	43305221	43373999 -	8602	357.7116	0	0.385236	0.111405	3.45799	0.000623	0.070784	1
ENSG00000196943.8	TREATTXTPF-00547659 225mg	Week12	NOP9 protein_coding	chr14	24769068	24778330 +	6033	1491.091	0	0.26941	0.077912	3.457859	0.000623	0.070784	1
ENSG00000161558.6	TREATTXTPF-00547659 225mg	Week12	TMEM143 protein_coding	chr19	48835613	48867494 -	3701	237.8928	0.001105	0.302131	0.087388	3.457353	0.000624	0.070827	1
ENSG00000135108.10	TREATTXTPF-00547659 225mg	Week12	FBXO21 protein_coding	chr12	117581146	117628336 -	5596	979.4055	0	0.322	0.093163	3.456313	0.000627	0.070958	1
ENSG00000176533.8	TREATTXTPF-00547659 75mg	Week12	GNG7 protein_coding	chr19	25112127	2702707 -	4561	1105.566	0	0.268627	0.077744	3.455272	0.000629	0.070958	1
ENSG00000101082.9	TREATTXTPF-00547659 75mg	Week12	SLA2 protein_coding	chr20	35240721	35274619 -	2757	2144.355	0	0.24292	0.070307	3.455132	0.000629	0.070958	1
ENSG00000073861.2	TREATTXTPF-00547659 75mg	Week12	TBX21 protein_coding	chr17	45810610	45823485 +	2614	2641.919	0	0.408393	0.118206	3.454909	0.00063	0.070958	1
ENSG00000173914.7	TREATTXTPF-00547659 225mg	Week12	RBM4B protein_coding	chr11	66432469	66445392 -	4325	691.1204	0	0.231093	0.066894	3.454592	0.000631	0.070958	1
ENSG00000065029.10	TREATTXTPF-00547659 225mg	Week12	ZNF76 protein_coding	chr6	35226686	35263762 +	6789	1338.734	0	0.302189	0.08749	3.45399	0.000632	0.070958	1
ENSG00000174231.12	TREATTXTPF-00547659 225mg	Week12	PRPF8 protein_coding	chr17	1553923	1588176 -	11355	12214.22	0	0.251002	0.072674	3.453809	0.000632	0.070958	1
ENSG00000158941.12	TREATTXTPF-00547659 225mg	Week12	CCAR2 protein_coding	chr8	22462145	22479027 +	6534	4920.686	0	0.227571	0.065892	3.453724	0.000633	0.070958	1
ENSG00000160791.12	TREATTXTPF-00547659 75mg	Week12	CCR5 protein_coding	chr3	46411633	46417697 +	3883	1157.828	0	0.37009	0.10716	3.453362	0.000633	0.070958	1
ENSG00000144028.10	TREATTXTPF-00547659 225mg	Week12	SNRNP20C protein_coding	chr2	96940074	96971297 -	10970	10541.38	0	0.232137	0.06722	3.453376	0.000633	0.070958	1
ENSG00000119487.12	TREATTXTPF-00547659 225mg	Week12	MAPKAP1 protein_coding	chr9	128199672	128469513 -	6741	2605.308	0	0.185446	0.053703	3.453171	0.000634	0.070958	1



ENSG00000149679.7	TREATTXTPF-00547659 75mg	Week12	CABLES2	protein_coding	chr20	60963688	60982341 -	3785	567.4685	0	0.191511	0.055467	3.452737	0.000635	0.070984	1
ENSG00000141569.6	TREATTXTPF-00547659 225mg	Week12	TRIM65	protein_coding	chr17	73876416	73893084 -	3906	1122.376	0	0.287294	0.083253	3.450849	0.000639	0.071319	1
ENSG00000160294.6	TREATTXTPF-00547659 225mg	Week12	MCM3AP	protein_coding	chr21	47655047	47706211 -	9353	4387.549	0	0.215083	0.062342	3.450071	0.000641	0.071319	1
ENSG00000204256.8	TREATTXTPF-00547659 225mg	Week12	BRD2	protein_coding	chr6	32936437	32949282 +	7337	14259.61	0	0.193079	0.055965	3.450006	0.000641	0.071319	1
ENSG00000224066.1	TREATTXTPF-00547659 225mg	Week12	RP4-622L5	antisense	chr1	32670370	32672415 -	1357	36.09282	0.00884	0.446354	0.129378	3.449993	0.000641	0.071319	1
ENSG00000131795.8	TREATTXTPF-00547659 225mg	Week12	RBM8A	protein_coding	chr1	145507598	145513536 +	5240	3650.986	0	0.165899	0.048093	3.449559	0.000642	0.071319	1
ENSG00000144021.2	TREATTXTPF-00547659 225mg	Week12	CIAO1	protein_coding	chr2	96931870	96939087 +	4031	3070.952	0	0.201217	0.058334	3.449393	0.000642	0.071319	1
ENSG00000165209.14	TREATTXTPF-00547659 225mg	Week12	STRBP	protein_coding	chr9	125871779	126030855 -	8085	625.7602	0	0.379031	0.109892	3.449108	0.000643	0.071319	1
ENSG00000121413.8	TREATTXTPF-00547659 75mg	Week12	ZSCAN18	protein_coding	chr19	58595205	58629794 -	8307	970.2564	0	0.323256	0.093745	3.448247	0.000645	0.071373	1
ENSG00000057935.9	TREATTXTPF-00547659 225mg	Week12	MTA3	protein_coding	chr2	42721709	42984087 +	10580	477.6696	0	0.329877	0.095675	3.447879	0.000646	0.071373	1
ENSG00000132185.12	TREATTXTPF-00547659 225mg	Week12	FCRLA	protein_coding	chr1	161676762	161684142 +	3275	1038.283	0	0.423677	0.122881	3.447879	0.000646	0.071373	1
ENSG00000172345.9	TREATTXTPF-00547659 225mg	Week12	STAR5	protein_coding	chr15	81601394	81616524 -	6339	158.5171	0	0.323904	0.093955	3.447446	0.000647	0.071373	1
ENSG00000132383.7	TREATTXTPF-00547659 225mg	Week12	RPA1	protein_coding	chr17	1732996	1803376 +	5492	3899.725	0	0.240523	0.069772	3.447255	0.000647	0.071373	1
ENSG00000088247.11	TREATTXTPF-00547659 225mg	Week12	KHSRP	protein_coding	chr19	6413359	6424805 +	4563	4172.301	0	0.229558	0.066618	3.445889	0.00065	0.071638	1
ENSG00000197226.8	TREATTXTPF-00547659 225mg	Week12	TBC1D9B	protein_coding	chr5	179289066	179334859 -	11473	4328.871	0	0.257173	0.07464	3.445496	0.000651	0.071655	1
ENSG00000186866.12	TREATTXTPF-00547659 225mg	Week12	POFUT2	protein_coding	chr21	46683843	46707813 -	5771	1099.413	0	0.221487	0.064291	3.445101	0.000652	0.071657	1
ENSG00000119772.12	TREATTXTPF-00547659 225mg	Week12	DNMT3A	protein_coding	chr2	25455845	25565459 -	6899	1546.938	0	0.183885	0.05338	3.444837	0.000653	0.071657	1
ENSG00000213190.2	TREATTXTPF-00547659 225mg	Week12	MLLT11	protein_coding	chr1	151030234	151040970 +	4072	209.8309	0.00221	0.389181	0.112991	3.444347	0.000654	0.071696	1
ENSG00000049246.10	TREATTXTPF-00547659 225mg	Week12	PER3	protein_coding	chr1	7844380	7905237 +	8059	210.2343	0.001105	0.440603	0.127932	3.444033	0.000655	0.071696	1
ENSG00000106608.12	TREATTXTPF-00547659 225mg	Week12	URGCP	protein_coding	chr7	43915493	43966010 -	7844	892.6619	0	0.289968	0.084204	3.443613	0.000656	0.07172	1
ENSG00000228486.5	TREATTXTPF-00547659 225mg	Week12	AC017099	antisense	chr2	98280680	98319527 +	5591	79.03757	0.00663	0.491981	0.142929	3.442133	0.000659	0.071842	1
ENSG00000105127.4	TREATTXTPF-00547659 225mg	Week12	AKAP8	protein_coding	chr19	15464196	15490609 +	4296	1640.177	0	0.231518	0.067266	3.441835	0.00066	0.071842	1
ENSG00000175779.1	TREATTXTPF-00547659 75mg	Week12	C15orf53	protein_coding	chr15	38988799	38992239 +	2043	6.803315	0.19779	0.563127	0.163617	3.441738	0.00066	0.071842	1
ENSG00000130956.9	TREATTXTPF-00547659 225mg	Week12	HABP4	protein_coding	chr9	99212483	99253618 +	4056	619.1083	0	0.373192	0.108442	3.441394	0.000661	0.071842	1
ENSG00000133627.13	TREATTXTPF-00547659 75mg	Week12	ACTR3B	protein_coding	chr7	152456834	152552463 +	6024	212.7072	0	0.195785	0.056898	3.440991	0.000662	0.071842	1
ENSG00000196169.10	TREATTXTPF-00547659 75mg	Week12	KIF19	protein_coding	chr17	72322349	72351959 +	5640	118.8906	0.00442	0.546764	0.158898	3.440967	0.000662	0.071842	1
ENSG00000189091.8	TREATTXTPF-00547659 225mg	Week12	SFB3	protein_coding	chr16	70557691	70608820 +	9666	5262.78	0	0.266701	0.077518	3.440512	0.000663	0.071842	1
ENSG00000186231.12	TREATTXTPF-00547659 225mg	Week12	KLHL32	protein_coding	chr6	97372605	97588630 +	3777	34.28619	0.018785	0.584539	0.169903	3.440427	0.000663	0.071842	1
ENSG00000204574.8	TREATTXTPF-00547659 225mg	Week12	ABCF1	protein_coding	chr6	30539153	30564956 +	4523	2919.641	0	0.260817	0.075814	3.44023	0.000664	0.071842	1
ENSG00000100129.13	TREATTXTPF-00547659 225mg	Week12	EIF3L	protein_coding	chr22	38244875	38285414 +	4296	18966.8	0	0.244334	0.071033	3.439734	0.000665	0.071887	1
ENSG00000101224.13	TREATTXTPF-00547659 225mg	Week12	CDC25B	protein_coding	chr20	3767578	3786762 +	4149	7696.788	0	0.355689	0.103448	3.438324	0.000668	0.072166	1
ENSG00000211789.2	TREATTXTPF-00547659 75mg	Week12	TRAV12-2	TR_V_gene	chr14	22356037	22356682 +	445	297.3823	0	0.417904	0.121557	3.437933	0.000669	0.072184	1
ENSG00000247287.2	TREATTXTPF-00547659 225mg	Week12	RP11-902f	processed_transcript	chr14	61764882	61789536 -	4852	78.67624	0.007735	0.555096	0.161487	3.437409	0.00067	0.072236	1
ENSG00000036828.9	TREATTXTPF-00547659 75mg	Week12	CASR	protein_coding	chr3	121902530	122005342 +	5390	4.093923	0.379006	0.527004	0.153355	3.436491	0.000673	0.072337	1
ENSG00000176148.11	TREATTXTPF-00547659 75mg	Week12	TCP11L1	protein_coding	chr11	33060963	33127489 +	5370	336.2254	0	0.243081	0.070742	3.436153	0.000673	0.072337	1
ENSG00000121057.8	TREATTXTPF-00547659 225mg	Week12	AKAP1	protein_coding	chr17	55162453	55198710 +	5399	795.6276	0	0.335772	0.09772	3.436056	0.000674	0.072337	1
ENSG00000203485.8	TREATTXTPF-00547659 225mg	Week12	INF2	protein_coding	chr14	105155943	105185942 +	6497	1892.473	0	0.28054	0.081681	3.4346	0.000677	0.07263	1
ENSG00000154310.12	TREATTXTPF-00547659 225mg	Week12	TNIK	protein_coding	chr3	170779128	171178197 -	8572	1109.783	0	0.350066	0.101962	3.433288	0.00068	0.07279	1
ENSG00000100023.13	TREATTXTPF-00547659 225mg	Week12	PPIL2	protein_coding	chr22	22006559	22054304 +	8462	2718.398	0	0.206537	0.06016	3.433147	0.000681	0.07279	1
ENSG00000159445.8	TREATTXTPF-00547659 225mg	Week12	THEM4	protein_coding	chr1	151846060	151882284 -	4390	1071.838	0	0.393794	0.114708	3.433025	0.000681	0.07279	1
ENSG00000145996.7	TREATTXTPF-00547659 225mg	Week12	CDKAL1	protein_coding	chr6	20534688	21232635 +	3358	515.5713	0	0.277876	0.080966	3.432	0.000683	0.072888	1
ENSG00000166860.2	TREATTXTPF-00547659 225mg	Week12	ZBTB39	protein_coding	chr12	57392618	57400230 -	6170	518.5448	0	0.366433	0.10678	3.431674	0.000684	0.072888	1
ENSG00000089220.4	TREATTXTPF-00547659 225mg	Week12	PEBP1	protein_coding	chr12	118573663	118583389 +	1780	3067.228	0	0.314365	0.091638	3.430514	0.000687	0.072888	1
ENSG00000167778.4	TREATTXTPF-00547659 75mg	Week12	SPRYD3	protein_coding	chr12	53458388	53473204 +	3191	3001.37	0	0.172955	0.050417	3.430487	0.000687	0.072888	1
ENSG00000177192.9	TREATTXTPF-00547659 225mg	Week12	PUS1	protein_coding	chr12	132413745	132428406 +	3699	747.305	0	0.288705	0.084173	3.429888	0.000688	0.072888	1
ENSG00000090857.9	TREATTXTPF-00547659 225mg	Week12	PDPR	protein_coding	chr16	70147529	70195203 +	9148	2021.96	0	0.395397	0.115281	3.429865	0.000689	0.072888	1
ENSG00000174136.7	TREATTXTPF-00547659 225mg	Week12	RGMB	protein_coding	chr5	98104354	98134347 +	6671	263.7083	0.003315	0.520322	0.151714	3.429617	0.000689	0.072888	1
ENSG00000130702.9	TREATTXTPF-00547659 225mg	Week12	LAMA5	protein_coding	chr20	60883011	60942368 -	14705	127.9912	0.00221	0.462688	0.134916	3.429449	0.00069	0.072888	1
ENSG00000140950.11	TREATTXTPF-00547659 225mg	Week12	TLDC1	protein_coding	chr16	84511681	84587639 -	6505	348.7757	0.00221	0.25469	0.074279	3.428824	0.000691	0.072888	1
ENSG00000135127.7	TREATTXTPF-00547659 225mg	Week12	CCDC64	protein_coding	chr12	120427673	120532298 +	4793	929.1602	0	0.391375	0.114143	3.428816	0.000691	0.072888	1
ENSG00000183019.3	TREATTXTPF-00547659 75mg	Week12	C19orf59	protein_coding	chr19	7741514	7744712 +	1906	3653.652	0	-0.65409	0.190771	-3.42868	0.000691	0.072888	1
ENSG00000084693.11	TREATTXTPF-00547659 225mg	Week12	AGBL5	protein_coding	chr2	27265232	27293490 +	5283	482.3735	0	0.211103	0.061571	3.428609	0.000692	0.072888	1
ENSG00000140688.12	TREATTXTPF-00547659 225mg	Week12	C16orf58	protein_coding	chr16	31500792	31520630 -	3630	1924.937	0	0.273967	0.079908	3.428544	0.000692	0.072888	1

ENSG00000111266.4	TREATTXTPF-00547659 225mg	Week12	DUSP16	protein_coding	chr12	12628829	12715317	-	4039	973.4475	0	0.363575	0.106056	3.428136	0.000693	0.072912	1
ENSG00000175130.6	TREATTXTPF-00547659 225mg	Week12	MARCKSL1	protein_coding	chr1	32799433	32801980	-	1699	3435.297	0	0.278521	0.081261	3.427482	0.000694	0.072915	1
ENSG00000186231.12	TREATTXTPF-00547659 75mg	Week12	KLHL32	protein_coding	chr6	97372605	97588630	+	3777	34.28619	0.018785	0.566209	0.165238	3.426632	0.000696	0.072915	1
ENSG00000140750.12	TREATTXTPF-00547659 225mg	Week12	ARHGAP1	protein_coding	chr16	24930706	25026987	-	9892	2013.486	0	0.317905	0.092786	3.426225	0.000697	0.072915	1
ENSG00000164038.10	TREATTXTPF-00547659 225mg	Week12	SLC9B2	protein_coding	chr4	103941025	104006986	-	5469	238.8442	0.001105	0.409669	0.119579	3.425911	0.000698	0.072915	1
ENSG00000105429.8	TREATTXTPF-00547659 225mg	Week12	MEGF8	protein_coding	chr19	42829761	42882921	+	11372	449.3293	0.001105	0.285923	0.083462	3.425796	0.000699	0.072915	1
ENSG00000168589.10	TREATTXTPF-00547659 22.5mg	Week12	DYNLRB2	protein_coding	chr16	80574631	80584657	+	1464	2.248619	0.493923	0.438137	0.127899	3.425636	0.000699	0.072915	1
ENSG00000063978.11	TREATTXTPF-00547659 75mg	Week12	RNF4	protein_coding	chr4	2463947	2627047	+	7276	5212.419	0	0.189213	0.055238	3.425419	0.000699	0.072915	1
ENSG00000126351.8	TREATTXTPF-00547659 225mg	Week12	THRA	protein_coding	chr17	38214543	38250120	+	6959	1511.95	0	0.251917	0.073544	3.425373	0.0007	0.072915	1
ENSG00000168488.14	TREATTXTPF-00547659 225mg	Week12	ATXN2L	protein_coding	chr16	28834356	28848558	+	6508	6131.97	0	0.241048	0.070373	3.425317	0.0007	0.072915	1
ENSG00000178038.12	TREATTXTPF-00547659 225mg	Week12	ALS2CL	protein_coding	chr3	46710487	46735194	-	9057	440.7315	0.001105	0.447841	0.130767	3.424724	0.000701	0.072984	1
ENSG00000138336.8	TREATTXTPF-00547659 225mg	Week12	TET1	protein_coding	chr10	70320413	70454239	+	9288	34.81989	0.01547	0.529571	0.154645	3.42443	0.000702	0.072984	1
ENSG00000048707.9	TREATTXTPF-00547659 225mg	Week12	VPS13D	protein_coding	chr1	12290124	12572099	+	20346	2626.789	0	0.243317	0.071061	3.424046	0.000703	0.073003	1
ENSG00000204371.7	TREATTXTPF-00547659 225mg	Week12	EHMT2	protein_coding	chr6	31847536	31865464	-	7289	2281.452	0	0.264104	0.077143	3.423563	0.000704	0.073048	1
ENSG00000221829.5	TREATTXTPF-00547659 75mg	Week12	FGCG	protein_coding	chr9	35073832	35080013	-	3614	373.9403	0	0.255726	0.074711	3.422875	0.000706	0.073098	1
ENSG00000249115.4	TREATTXTPF-00547659 225mg	Week12	HAUS5	protein_coding	chr19	36103646	36116251	+	5075	534.6972	0	0.340261	0.099412	3.422752	0.000706	0.073098	1
ENSG00000198208.7	TREATTXTPF-00547659 225mg	Week12	RPS6KL1	protein_coding	chr14	75370657	75390099	-	7617	45.06851	0.01326	0.567513	0.165832	3.422215	0.000707	0.073157	1
ENSG00000232097.1	TREATTXTPF-00547659 225mg	Week12	AC079781	pseudogene	chr7	97567751	97568106	-	356	2.664088	0.453039	0.46483	0.135862	3.421336	0.00071	0.073306	1
ENSG00000161835.6	TREATTXTPF-00547659 225mg	Week12	GRASP	protein_coding	chr12	52400724	52409673	+	2829	208.8862	0.00221	0.361752	0.105748	3.420885	0.000711	0.073343	1
ENSG00000120555.9	TREATTXTPF-00547659 225mg	Week12	SEPT7P9	pseudogene	chr10	38671997	38691844	-	1204	3.761326	0.358011	0.517208	0.151234	3.419914	0.000713	0.073515	1
ENSG00000158089.10	TREATTXTPF-00547659 75mg	Week12	GALNT14	protein_coding	chr2	31133333	31378068	-	4567	718.6144	0	-0.56479	0.165175	-3.41933	0.000715	0.073587	1
ENSG00000107742.8	TREATTXTPF-00547659 75mg	Week12	SPOCK2	protein_coding	chr10	73818793	73848790	-	6472	17836.64	0	0.318645	0.093246	3.417257	0.00072	0.073957	1
ENSG00000196305.13	TREATTXTPF-00547659 225mg	Week12	IARS	protein_coding	chr9	94972489	95056038	-	7501	2104.836	0	0.33623	0.098414	3.416481	0.000722	0.073957	1
ENSG00000143319.12	TREATTXTPF-00547659 75mg	Week12	ISG20L2	protein_coding	chr1	156691683	156698591	-	5262	2240.42	0	0.129134	0.0378	3.416248	0.000723	0.073957	1
ENSG00000177728.10	TREATTXTPF-00547659 225mg	Week12	KIAA0195	protein_coding	chr17	73437240	73496171	+	8854	2526.495	0	0.225442	0.065993	3.416167	0.000723	0.073957	1
ENSG00000145216.11	TREATTXTPF-00547659 225mg	Week12	FIP1L1	protein_coding	chr4	54243810	55161439	+	7169	1758.559	0	0.198783	0.058192	3.416005	0.000723	0.073957	1
ENSG00000080546.9	TREATTXTPF-00547659 225mg	Week12	SESN1	protein_coding	chr6	109307640	109416022	-	5121	1126.242	0	0.404093	0.118297	3.415933	0.000723	0.073957	1
ENSG00000163611.7	TREATTXTPF-00547659 225mg	Week12	SPICE1	protein_coding	chr3	113161565	113234034	-	7941	214.8508	0.00221	0.39482	0.115587	3.415769	0.000724	0.073957	1
ENSG00000112855.10	TREATTXTPF-00547659 225mg	Week12	HARS2	protein_coding	chr5	140071011	140078889	+	3422	1880.555	0	0.15982	0.046796	3.415281	0.000725	0.074005	1
ENSG00000176225.8	TREATTXTPF-00547659 225mg	Week12	RTTN	protein_coding	chr18	67671029	67873181	-	9077	308.1359	0.001105	0.361317	0.10583	3.414133	0.000728	0.074197	1
ENSG00000141956.9	TREATTXTPF-00547659 225mg	Week12	PRDM15	protein_coding	chr21	43218385	43299591	-	13004	556.9017	0	0.322337	0.094418	3.413937	0.000728	0.074197	1
ENSG00000162777.12	TREATTXTPF-00547659 225mg	Week12	DENND2D	protein_coding	chr1	111729796	111747157	-	5515	6800.459	0	0.265164	0.077685	3.413336	0.00073	0.074275	1
ENSG00000149292.12	TREATTXTPF-00547659 225mg	Week12	TTC12	protein_coding	chr11	113185251	113254266	+	5302	315.4331	0	0.354829	0.103982	3.412391	0.000732	0.07429	1
ENSG00000167895.10	TREATTXTPF-00547659 225mg	Week12	TMC8	protein_coding	chr17	76126851	76139049	+	5459	11614.05	0	0.25268	0.07405	3.412314	0.000733	0.07429	1
ENSG00000180438.10	TREATTXTPF-00547659 75mg	Week12	LTXL	protein_coding	chr3	13978756	14124311	+	3630	0.855249	0.78453	0.306881	0.08994	3.412052	0.000733	0.07429	1
ENSG00000107816.13	TREATTXTPF-00547659 225mg	Week12	LZTS2	protein_coding	chr10	102756375	102767593	+	6547	790.9182	0	0.298388	0.087459	3.411762	0.000734	0.07429	1
ENSG00000122507.16	TREATTXTPF-00547659 225mg	Week12	BBS9	protein_coding	chr7	33168856	33645680	+	5827	324.8099	0.001105	0.363361	0.106505	3.411666	0.000734	0.07429	1
ENSG00000126822.11	TREATTXTPF-00547659 75mg	Week12	PLEKHG3	protein_coding	chr14	65170820	65213610	+	8555	8119.486	0	0.246504	0.072258	3.411462	0.000735	0.07429	1
ENSG00000179388.8	TREATTXTPF-00547659 225mg	Week12	EGR3	protein_coding	chr8	22545172	22550815	-	4855	49.62541	0.01326	0.647505	0.189831	3.410955	0.000736	0.074434	1
ENSG00000178229.7	TREATTXTPF-00547659 225mg	Week12	ZNF543	protein_coding	chr19	57831877	57842144	+	3659	140.3735	0.001105	0.366956	0.107607	3.410155	0.000738	0.074426	1
ENSG00000172116.17	TREATTXTPF-00547659 75mg	Week12	CD8B	protein_coding	chr2	87042462	87089047	-	1864	2717.664	0	0.387531	0.113644	3.410039	0.000739	0.074426	1
ENSG00000007202.10	TREATTXTPF-00547659 225mg	Week12	KIAA0100	protein_coding	chr17	26941458	26972472	-	9235	6895.464	0	0.215839	0.063322	3.408594	0.000742	0.074695	1
ENSG00000257093.2	TREATTXTPF-00547659 225mg	Week12	KIAA1147	protein_coding	chr7	141356528	141401953	-	7356	2078.221	0	0.427542	0.125448	3.408137	0.000743	0.074695	1
ENSG00000241657.1	TREATTXTPF-00547659 225mg	Week12	TRBV11-2	lincRNA	chr7	142197570	142198069	-	408	169.2011	0.001105	0.449579	0.131919	3.407984	0.000744	0.074695	1
ENSG00000126243.4	TREATTXTPF-00547659 225mg	Week12	LRFN3	protein_coding	chr19	36426260	36436669	+	4044	364.7481	0	0.399491	0.11725	3.407184	0.000746	0.074695	1
ENSG00000161395.8	TREATTXTPF-00547659 225mg	Week12	PGAP3	protein_coding	chr17	37827375	37853050	-	3669	980.3448	0	0.273889	0.08039	3.407017	0.000746	0.074695	1
ENSG00000106344.4	TREATTXTPF-00547659 225mg	Week12	RBM28	protein_coding	chr7	127937738	127983962	-	15866	1117.272	0	0.261194	0.076668	3.406844	0.000747	0.074695	1
ENSG00000239779.2	TREATTXTPF-00547659 225mg	Week12	WBP1	protein_coding	chr2	74685456	74688018	+	2438	397.4873	0	0.288879	0.084794	3.40684	0.000747	0.074695	1
ENSG00000084463.3	TREATTXTPF-00547659 225mg	Week12	WBP11	protein_coding	chr12	14939410	14956474	-	3418	3314.901	0	0.255391	0.074969	3.406615	0.000747	0.074695	1
ENSG00000037637.6	TREATTXTPF-00547659 225mg	Week12	FBXO42	protein_coding	chr1	16573334	16678949	-	8984	1809.379	0	0.147891	0.043426	3.405583	0.00075	0.074868	1
ENSG00000172071.7	TREATTXTPF-00547659 225mg	Week12	EIF2AK3	protein_coding	chr2	88856259	88927094	-	5434	884.7271	0	0.372647	0.10943	3.405363	0.000751	0.074868	1
ENSG00000164818.11	TREATTXTPF-00547659 225mg	Week12	HEATR2	protein_coding	chr7	766338	829190	+	7238	560.2807	0	0.328578	0.096532	3.403835	0.000755	0.074927	1
ENSG00000253193.4	TREATTXTPF-00547659 75mg	Week12	FCGR1C	pseudogene	chr1	149369294	149378365	+	2167	201.9182	0.005525	-0.70084	0.205923	-3.40341	0.000756	0.074927	1

ENSG00000078070.7	TREATTXTPF-00547659 225mg	Week12	MCCC1	protein_coding	chr3	182733006	182833863	-	4321	617.1039	0	0.284907	0.083713	3.403392	0.000756	0.074927	1
ENSG00000133874.1	TREATTXTPF-00547659 75mg	Week12	RNF122	protein_coding	chr8	33405273	33424643	-	1868	1151.712	0	0.192265	0.056494	3.403267	0.000756	0.074927	1
ENSG00000267106.1	TREATTXTPF-00547659 225mg	Week12	C19orf82	protein_coding	chr19	9731967	9756572	+	4659	68.74917	0.005525	0.363721	0.106879	3.403112	0.000757	0.074927	1
ENSG00000112655.11	TREATTXTPF-00547659 75mg	Week12	PTK7	protein_coding	chr6	43044006	43129457	+	9024	116.9978	0.003315	0.333343	0.098001	3.402316	0.000759	0.074927	1
ENSG00000015568.8	TREATTXTPF-00547659 225mg	Week12	RGPD5	protein_coding	chr2	110550335	110615272	+	14175	1.883978	0.58674	0.447407	0.131502	3.402276	0.000759	0.074927	1
ENSG00000066827.11	TREATTXTPF-00547659 225mg	Week12	ZFAT	protein_coding	chr8	135490031	135725292	-	8900	747.3779	0	0.182999	0.053792	3.401961	0.00076	0.074927	1
ENSG00000204564.7	TREATTXTPF-00547659 75mg	Week12	C6orf136	protein_coding	chr6	30614816	30620987	+	2118	505.9083	0	0.207333	0.060947	3.401864	0.00076	0.074927	1
ENSG00000152454.3	TREATTXTPF-00547659 225mg	Week12	ZNF256	protein_coding	chr19	58452201	58459043	-	2176	170.7193	0.00221	0.377435	0.110953	3.401755	0.00076	0.074927	1
ENSG00000121570.8	TREATTXTPF-00547659 225mg	Week12	DPPA4	protein_coding	chr3	109044988	109056419	-	4996	28.63757	0.027624	0.541338	0.159136	3.40172	0.00076	0.074927	1
ENSG00000165661.11	TREATTXTPF-00547659 225mg	Week12	QSOX2	protein_coding	chr9	139098179	139137687	-	4530	851.579	0	0.34996	0.102882	3.401581	0.000761	0.074927	1
ENSG00000142002.12	TREATTXTPF-00547659 225mg	Week12	DPP9	protein_coding	chr19	4675236	4724685	-	8324	2852.285	0	0.180522	0.053081	3.400855	0.000763	0.075014	1
ENSG00000143434.11	TREATTXTPF-00547659 225mg	Week12	SEMA6C	protein_coding	chr1	151104161	151119104	-	5773	130.547	0	0.345238	0.101521	3.40066	0.000763	0.075014	1
ENSG00000168126.3	TREATTXTPF-00547659 225mg	Week12	OR2W6P	pseudogene	chr6	27905243	27906181	+	939	3.392265	0.40442	-0.45851	0.134885	-3.39928	0.000767	0.075127	1
ENSG00000133985.2	TREATTXTPF-00547659 22.5mg	Week12	TTC9	protein_coding	chr14	71108504	71142077	+	5217	1291.958	0	0.274962	0.080903	3.398678	0.000769	0.075127	1
ENSG00000237702.2	TREATTXTPF-00547659 75mg	Week12	TRBV3-1	TR_V_gene	chr7	142008365	142008871	+	391	219.1867	0.003315	0.471991	0.13888	3.398561	0.000769	0.075127	1
ENSG00000006025.7	TREATTXTPF-00547659 225mg	Week12	OSBPL7	protein_coding	chr17	45884738	45899200	-	6572	903.6155	0	0.304238	0.089523	3.398448	0.000769	0.075127	1
ENSG00000117602.7	TREATTXTPF-00547659 225mg	Week12	RCAN3	protein_coding	chr1	24829387	24867530	+	6964	3310.171	0	0.428473	0.126089	3.39817	0.00077	0.075127	1
ENSG00000117174.6	TREATTXTPF-00547659 225mg	Week12	ZNHIT6	protein_coding	chr1	86115106	86174116	-	6197	539.2785	0	0.422615	0.124373	3.397954	0.000771	0.075127	1
ENSG00000154549.9	TREATTXTPF-00547659 225mg	Week12	CABP4	protein_coding	chr11	67219877	67226699	+	2701	38.11271	0.01326	0.567391	0.166981	3.397925	0.000771	0.075127	1
ENSG00000141577.9	TREATTXTPF-00547659 225mg	Week12	AZI1	protein_coding	chr17	79163393	79196799	-	3966	405.7757	0	0.254812	0.074998	3.3976	0.000772	0.075127	1
ENSG00000150477.10	TREATTXTPF-00547659 225mg	Week12	KIAA1328	protein_coding	chr18	34409069	34812135	+	11127	180.3536	0.001105	0.381235	0.112215	3.397358	0.000772	0.075127	1
ENSG00000242258.1	TREATTXTPF-00547659 225mg	Week12	LINC0099c	lincRNA	chr7	150130742	150145228	+	2171	52.74917	0.016575	0.542814	0.159778	3.397292	0.000772	0.075127	1
ENSG00000156414.14	TREATTXTPF-00547659 22.5mg	Week12	TDRD9	protein_coding	chr14	104394799	104519004	+	5480	553.0453	0	-0.49011	0.144276	-3.39701	0.000773	0.075127	1
ENSG00000104365.9	TREATTXTPF-00547659 225mg	Week12	IKBKB	protein_coding	chr8	42128820	42189973	+	10041	4514.217	0	0.191435	0.056363	3.396446	0.000775	0.0752	1
ENSG00000187912.7	TREATTXTPF-00547659 225mg	Week12	CLEC17A	protein_coding	chr19	14693896	14721969	+	2265	348.0762	0.001105	0.492996	0.145168	3.396037	0.000776	0.075231	1
ENSG00000262488.1	TREATTXTPF-00547659 225mg	Week12	RP11-876f	pseudogene	chr16	10934241	10935401	-	1161	11.47182	0.141436	0.64654	0.190418	3.395371	0.000778	0.07533	1
ENSG00000168924.10	TREATTXTPF-00547659 225mg	Week12	LETM1	protein_coding	chr4	1813206	1857974	+	8184	1250.481	0	0.252174	0.074276	3.395066	0.000779	0.075331	1
ENSG00000075399.8	TREATTXTPF-00547659 75mg	Week12	VPS9D1	protein_coding	chr16	89773542	89787394	-	3428	2928.834	0	-0.28358	0.083535	-3.39479	0.000779	0.075331	1
ENSG00000112118.13	TREATTXTPF-00547659 225mg	Week12	MCM3	protein_coding	chr6	52128807	52149679	-	3650	2293.461	0	0.284666	0.083871	3.394104	0.000781	0.075436	1
ENSG00000171843.11	TREATTXTPF-00547659 225mg	Week12	MLLT3	protein_coding	chr9	20341663	20622542	-	8129	638.7525	0	0.382649	0.112769	3.39321	0.000784	0.075561	1
ENSG00000062524.11	TREATTXTPF-00547659 225mg	Week12	LTK	protein_coding	chr15	41795836	41806085	-	3490	317.1171	0	0.426879	0.125813	3.39296	0.000784	0.075561	1
ENSG00000198690.5	TREATTXTPF-00547659 225mg	Week12	FAN1	protein_coding	chr15	31196055	31235311	+	6194	716.6464	0	0.395822	0.11667	3.392648	0.000785	0.075561	1
ENSG00000007516.9	TREATTXTPF-00547659 22.5mg	Week12	BAIAP3	protein_coding	chr16	1383602	1399439	+	6143	752.8044	0	0.369696	0.108975	3.392476	0.000786	0.075561	1
ENSG00000213923.6	TREATTXTPF-00547659 225mg	Week12	CSNK1E	protein_coding	chr22	38686697	38794527	-	6699	1395.452	0	0.266344	0.078533	3.391499	0.000788	0.075563	1
ENSG00000127152.13	TREATTXTPF-00547659 225mg	Week12	BCL11B	protein_coding	chr14	99635624	99737861	-	7855	3373.295	0	0.398761	0.117586	3.391228	0.000789	0.075563	1
ENSG00000157483.4	TREATTXTPF-00547659 225mg	Week12	MYO1E	protein_coding	chr15	59427113	59665099	-	6626	386.8785	0	0.400641	0.118161	3.390631	0.000791	0.075563	1
ENSG00000112787.8	TREATTXTPF-00547659 225mg	Week12	FBRSL1	protein_coding	chr12	133066137	133161774	+	9309	3954.023	0	0.218437	0.064424	3.390625	0.000791	0.075563	1
ENSG00000211797.2	TREATTXTPF-00547659 225mg	Week12	TRAV17	TR_V_gene	chr14	22465778	22466407	+	484	206.5215	0.003315	0.470606	0.138799	3.390548	0.000791	0.075563	1
ENSG00000172831.7	TREATTXTPF-00547659 225mg	Week12	CES2	protein_coding	chr16	66968347	66978999	+	5343	1647.649	0	0.195713	0.057731	3.390063	0.000792	0.075563	1
ENSG00000185436.7	TREATTXTPF-00547659 225mg	Week12	IFNLR1	protein_coding	chr1	24480647	24514449	+	4923	279.3746	0.001105	0.452489	0.133503	3.389346	0.000794	0.075563	1
ENSG00000101079.16	TREATTXTPF-00547659 225mg	Week12	NDRG3	protein_coding	chr20	35280169	35374481	-	3248	2383.371	0	0.172067	0.05077	3.389148	0.000795	0.075563	1
ENSG00000105298.9	TREATTXTPF-00547659 225mg	Week12	CACTIN	protein_coding	chr19	3610639	3626813	-	5952	1289.343	0	0.262338	0.077413	3.388798	0.000796	0.075563	1
ENSG00000079691.15	TREATTXTPF-00547659 225mg	Week12	LRRC16A	protein_coding	chr6	25279306	25620758	+	6881	189.1967	0.00221	0.404816	0.119463	3.388626	0.000796	0.075563	1
ENSG00000227191.2	TREATTXTPF-00547659 75mg	Week12	TRGC2	TR_C_gene	chr7	38279181	38289173	-	1013	1486.147	0	0.395356	0.116675	3.388533	0.000797	0.075563	1
ENSG00000104228.8	TREATTXTPF-00547659 225mg	Week12	TRIM35	protein_coding	chr8	27142404	27168836	-	4269	1093.491	0	0.281276	0.08301	3.388478	0.000797	0.075563	1
ENSG00000128739.16	TREATTXTPF-00547659 225mg	Week12	SNRPN	protein_coding	chr15	25068794	25223870	+	3488	117.284	0.00442	0.459082	0.135486	3.388397	0.000797	0.075563	1
ENSG00000169057.15	TREATTXTPF-00547659 75mg	Week12	MECP2	protein_coding	chrX	153287024	153363212	-	12556	5119.741	0	0.154892	0.045715	3.388203	0.000798	0.075563	1
ENSG00000105221.12	TREATTXTPF-00547659 225mg	Week12	AKT2	protein_coding	chr19	40736224	40791443	-	15035	6905.663	0	0.140654	0.04152	3.387638	0.000799	0.075704	1
ENSG00000137411.12	TREATTXTPF-00547659 225mg	Week12	VARS2	protein_coding	chr6	30876019	30894236	+	8448	794.3348	0	0.274594	0.081081	3.386644	0.000802	0.075777	1
ENSG00000165632.7	TREATTXTPF-00547659 225mg	Week12	TAF3	protein_coding	chr10	7860467	8058590	+	4872	674.9967	0	0.254977	0.075293	3.386452	0.000802	0.075777	1
ENSG00000260655.1	TREATTXTPF-00547659 75mg	Week12	CTA-250D	lincRNA	chr22	42318027	42319104	-	1078	471.958	0.001105	0.409891	0.121038	3.386452	0.000802	0.075777	1
ENSG00000119285.6	TREATTXTPF-00547659 225mg	Week12	HEATR1	protein_coding	chr1	236712305	236767804	-	9049	1270.113	0	0.324832	0.095934	3.385995	0.000804	0.075777	1
ENSG00000196214.6	TREATTXTPF-00547659 225mg	Week12	ZNF766	protein_coding	chr19	52772824	52795977	+	4015	896	0	0.24427	0.072142	3.385943	0.000804	0.075777	1

ENSG00000131381.8	TREATTXTPF-00547659 225mg	Week12	ZFYVE20	protein_coding	chr3	15111580	15140670 -	7921	1132.627	0	0.229873	0.067902	3.385382	0.000805	0.075842	1
ENSG00000140718.14	TREATTXTPF-00547659 225mg	Week12	FTO	protein_coding	chr16	53737875	54155853 +	12723	571.779	0.001105	0.446822	0.131996	3.385132	0.000806	0.075842	1
ENSG00000233175.2	TREATTXTPF-00547659 225mg	Week12	CTD-2020h	antisense	chr17	43315395	43319101 -	2293	47.2453	0.011105	0.511805	0.151231	3.384267	0.000809	0.075916	1
ENSG00000082516.8	TREATTXTPF-00547659 225mg	Week12	GEMIN5	protein_coding	chr5	154266976	154317769 -	5637	695.3746	0.001105	0.325123	0.09607	3.384219	0.000809	0.075916	1
ENSG00000198846.5	TREATTXTPF-00547659 75mg	Week12	TOX	protein_coding	chr8	59717977	60031767 -	4131	404.7204	0	0.392411	0.115985	3.383291	0.000811	0.075916	1
ENSG00000042980.8	TREATTXTPF-00547659 225mg	Week12	ADAM28	protein_coding	chr8	24151553	24216531 +	9351	735.4033	0.001105	0.425998	0.125919	3.383104	0.000812	0.075916	1
ENSG00000165275.5	TREATTXTPF-00547659 225mg	Week12	TRMT10B	protein_coding	chr9	37753804	37778969 +	2862	391.4265	0	0.276756	0.081807	3.383054	0.000812	0.075916	1
ENSG00000154957.9	TREATTXTPF-00547659 225mg	Week12	ZNF18	protein_coding	chr17	11880756	11900827 -	3006	1025.505	0	0.146176	0.04321	3.382912	0.000812	0.075916	1
ENSG00000176715.11	TREATTXTPF-00547659 225mg	Week12	ACSF3	protein_coding	chr16	89154783	89222254 +	11629	1888.072	0	0.225098	0.06654	3.38288	0.000813	0.075916	1
ENSG00000128731.11	TREATTXTPF-00547659 225mg	Week12	HERC2	protein_coding	chr15	28356186	28567298 -	20027	1299.457	0	0.339596	0.100408	3.382148	0.000815	0.076037	1
ENSG00000172530.15	TREATTXTPF-00547659 225mg	Week12	BANP	protein_coding	chr16	87982850	88110924 +	7679	1597.526	0	0.174465	0.051604	3.38086	0.000818	0.076205	1
ENSG00000163125.11	TREATTXTPF-00547659 225mg	Week12	RPRD2	protein_coding	chr1	150335567	150449042 +	8738	2268.033	0	0.272929	0.08073	3.380779	0.000819	0.076205	1
ENSG00000116455.9	TREATTXTPF-00547659 225mg	Week12	WDR77	protein_coding	chr1	111982512	111991998 -	2805	768.2265	0	0.262405	0.077619	3.380675	0.000819	0.076205	1
ENSG00000114841.13	TREATTXTPF-00547659 225mg	Week12	DNAH1	protein_coding	chr3	52350335	52434507 +	13872	1899.686	0	0.294659	0.087176	3.380062	0.000821	0.076294	1
ENSG00000103091.10	TREATTXTPF-00547659 225mg	Week12	WDR59	protein_coding	chr16	74907468	75034071 -	7218	1470.066	0	0.238011	0.070428	3.379478	0.000822	0.076314	1
ENSG00000070610.10	TREATTXTPF-00547659 225mg	Week12	GBA2	protein_coding	chr9	35736863	35749983 -	5079	3479.053	0	0.128903	0.038143	3.37943	0.000822	0.076314	1
ENSG000000013725.10	TREATTXTPF-00547659 225mg	Week12	CD6	protein_coding	chr11	60739115	60787849 +	5995	7929.793	0	0.365238	0.108103	3.378601	0.000825	0.076461	1
ENSG00000065457.6	TREATTXTPF-00547659 75mg	Week12	ADAT1	protein_coding	chr16	75630879	75657198 -	4486	773.9569	0	0.263115	0.077908	3.377266	0.000829	0.076479	1
ENSG00000139675.10	TREATTXTPF-00547659 225mg	Week12	HNRNPA1	protein_coding	chr13	53191605	53217919 +	2365	215.5481	0.00221	0.380422	0.112646	3.377154	0.000829	0.076479	1
ENSG00000109111.10	TREATTXTPF-00547659 225mg	Week12	SUPT6H	protein_coding	chr17	26989109	27029697 +	10615	6908.634	0	0.170039	0.050353	3.376911	0.00083	0.076479	1
ENSG00000211788.2	TREATTXTPF-00547659 75mg	Week12	TRAV13-1	TR_V_gene	chr14	22337020	22337546 +	360	281.547	0.001105	0.440452	0.130431	3.376886	0.00083	0.076479	1
ENSG00000156804.3	TREATTXTPF-00547659 75mg	Week12	FBXO32	protein_coding	chr8	124510129	124553446 -	7395	872.9326	0	0.317015	0.093883	3.376698	0.00083	0.076479	1
ENSG00000132153.10	TREATTXTPF-00547659 225mg	Week12	DHX30	protein_coding	chr3	47844399	47891685 +	7735	2437.053	0	0.245795	0.0728	3.376301	0.000831	0.076479	1
ENSG00000069188.12	TREATTXTPF-00547659 225mg	Week12	SDK2	protein_coding	chr17	71330523	71640228 -	11607	182.2188	0.007735	0.503531	0.149142	3.376188	0.000832	0.076479	1
ENSG00000163879.9	TREATTXTPF-00547659 225mg	Week12	DNAL1	protein_coding	chr1	38022520	38032458 +	4456	3.534807	0.379006	0.507106	0.150231	3.375514	0.000834	0.076479	1
ENSG00000122224.13	TREATTXTPF-00547659 225mg	Week12	LY9	protein_coding	chr1	160765864	160798051 +	9121	2326.803	0	0.354813	0.105117	3.375413	0.000834	0.076479	1
ENSG00000143569.14	TREATTXTPF-00547659 225mg	Week12	UBAP2L	protein_coding	chr1	154192655	154243986 +	7503	5578.476	0	0.189589	0.056169	3.375333	0.000834	0.076479	1
ENSG00000143167.7	TREATTXTPF-00547659 225mg	Week12	GPA33	protein_coding	chr1	167022073	167059868 -	3003	439.5072	0	0.400011	0.118512	3.375275	0.000834	0.076479	1
ENSG00000213588.4	TREATTXTPF-00547659 225mg	Week12	ZBTB9	protein_coding	chr6	33422356	33425325 +	2716	491.4674	0	0.300325	0.08898	3.3752	0.000835	0.076479	1
ENSG00000143379.8	TREATTXTPF-00547659 225mg	Week12	SETDB1	protein_coding	chr1	150898739	150937213 +	7086	2979.06	0	0.145117	0.043005	3.374427	0.000837	0.076613	1
ENSG00000145687.11	TREATTXTPF-00547659 225mg	Week12	SSBP2	protein_coding	chr5	80708840	81047616 -	11284	923.4133	0	0.277048	0.082145	3.372664	0.000842	0.076728	1
ENSG00000136542.4	TREATTXTPF-00547659 225mg	Week12	GALNT5	protein_coding	chr2	158114110	158170723 +	6818	11.19669	0.19779	-0.65569	0.194418	-3.37257	0.000842	0.076728	1
ENSG00000104921.10	TREATTXTPF-00547659 75mg	Week12	FCER2	protein_coding	chr19	7753644	7767032 -	2367	1294.491	0	0.4091	0.121307	3.372432	0.000843	0.076728	1
ENSG00000110042.3	TREATTXTPF-00547659 75mg	Week12	DTX4	protein_coding	chr11	58938903	58976060 +	6072	687.9337	0	0.309076	0.091653	3.372242	0.000843	0.076728	1
ENSG00000074755.10	TREATTXTPF-00547659 225mg	Week12	ZZEF1	protein_coding	chr17	3907739	4046314 -	15878	5941.567	0	0.205661	0.060987	3.372187	0.000844	0.076728	1
ENSG00000214595.7	TREATTXTPF-00547659 225mg	Week12	EML6	protein_coding	chr2	54950636	55199157 +	14422	75.75801	0.00663	0.57759	0.171302	3.371762	0.000845	0.076728	1
ENSG00000104814.8	TREATTXTPF-00547659 225mg	Week12	MAP4K1	protein_coding	chr19	39078281	39109522 -	3953	4065.93	0	0.307324	0.091151	3.371607	0.000845	0.076728	1
ENSG00000114861.14	TREATTXTPF-00547659 225mg	Week12	FOXP1	protein_coding	chr3	71003844	71633140 +	13359	3135.062	0	0.233132	0.069146	3.371596	0.000845	0.076728	1
ENSG00000133884.5	TREATTXTPF-00547659 22.5mg	Week12	DPF2	protein_coding	chr11	65101225	65120720 +	7715	4098.845	0	0.151388	0.044902	3.371523	0.000846	0.076728	1
ENSG00000263235.1	TREATTXTPF-00547659 225mg	Week12	RP11-461f	sense_overlapping	chr16	3700637	3701704 -	1068	16.44972	0.033149	0.506974	0.150404	3.370757	0.000848	0.07686	1
ENSG00000144468.12	TREATTXTPF-00547659 225mg	Week12	RHBDD1	protein_coding	chr2	227700297	227863931 +	6926	977.9823	0	0.236027	0.07003	3.370374	0.000849	0.07689	1
ENSG00000103510.15	TREATTXTPF-00547659 225mg	Week12	KAT8	protein_coding	chr16	31127075	31142714 +	4334	3243.725	0	0.130069	0.038599	3.369759	0.000851	0.076982	1
ENSG00000122512.10	TREATTXTPF-00547659 225mg	Week12	PMS2	protein_coding	chr7	6012870	6048756 -	3936	384.821	0	0.300453	0.089185	3.368874	0.000853	0.077086	1
ENSG00000087263.12	TREATTXTPF-00547659 225mg	Week12	OGFOD1	protein_coding	chr16	56485402	56513012 +	5806	1150.377	0	0.273056	0.081064	3.368405	0.000855	0.077086	1
ENSG00000137413.11	TREATTXTPF-00547659 225mg	Week12	TAF8	protein_coding	chr6	42018251	42055199 +	9286	1921.267	0	0.240779	0.071484	3.368313	0.000855	0.077086	1
ENSG00000111087.5	TREATTXTPF-00547659 225mg	Week12	GLI1	protein_coding	chr12	57853918	57866045 +	4204	24.78674	0.025414	0.527831	0.156709	3.368225	0.000855	0.077086	1
ENSG00000198700.5	TREATTXTPF-00547659 225mg	Week12	IPO9	protein_coding	chr1	201798269	201853422 +	11915	1882.585	0	0.263656	0.078284	3.367928	0.000856	0.077086	1
ENSG00000153107.7	TREATTXTPF-00547659 225mg	Week12	ANAPC1	protein_coding	chr2	112523848	112642267 -	13324	679.3801	0	0.346976	0.10303	3.367715	0.000857	0.077086	1
ENSG00000077984.4	TREATTXTPF-00547659 225mg	Week12	CST7	protein_coding	chr20	24929866	24940564 +	930	18414.73	0	-0.50683	0.15051	-3.36742	0.000858	0.077086	1
ENSG00000104299.10	TREATTXTPF-00547659 225mg	Week12	INTS9	protein_coding	chr8	28625178	28747759 -	4905	992.3215	0	0.226863	0.067378	3.367011	0.000859	0.077086	1
ENSG00000251450.1	TREATTXTPF-00547659 225mg	Week12	CTC-45916	antisense	chr5	80243516	80256726 -	1166	10.0442	0.113812	0.579508	0.172131	3.366656	0.00086	0.077086	1
ENSG00000003249.9	TREATTXTPF-00547659 75mg	Week12	DBNDD1	protein_coding	chr16	90071273	90086536 -	3522	207.4994	0.001105	0.441766	0.131229	3.366383	0.000861	0.077086	1
ENSG00000197635.5	TREATTXTPF-00547659 225mg	Week12	DPP4	protein_coding	chr2	162848751	162931052 -	5009	1172.011	0	0.372534	0.110667	3.366277	0.000861	0.077086	1

ENSG00000053372.4	TREATTXTPF-00547659 225mg	Week12	MRTO4	protein_coding	chr1	19578033	19586622 +	2822	644.0718	0	0.28805	0.085575	3.366039	0.000862	0.077086	1
ENSG00000130921.3	TREATTXTPF-00547659 225mg	Week12	C12orf65	protein_coding	chr12	123717463	123742506 +	7090	562.1735	0	0.328999	0.097746	3.365845	0.000862	0.077086	1
ENSG00000112685.9	TREATTXTPF-00547659 225mg	Week12	EXOC2	protein_coding	chr6	485133	693117 -	4989	1624.757	0	0.278368	0.082723	3.365057	0.000865	0.077148	1
ENSG00000107021.11	TREATTXTPF-00547659 75mg	Week12	TBC1D13	protein_coding	chr9	131549483	131572711 +	3982	1851.701	0	0.167659	0.049825	3.364932	0.000865	0.077148	1
ENSG00000196781.9	TREATTXTPF-00547659 225mg	Week12	TLE1	protein_coding	chr9	84198598	84304220 -	4906	396.6597	0	0.321262	0.095486	3.364506	0.000866	0.077148	1
ENSG00000103489.7	TREATTXTPF-00547659 75mg	Week12	XYLT1	protein_coding	chr16	17195626	17564738 -	11004	1707.814	0	0.310104	0.092173	3.36437	0.000867	0.077148	1
ENSG00000162402.8	TREATTXTPF-00547659 225mg	Week12	USP24	protein_coding	chr1	55532032	55680786 -	11708	3434.558	0	0.303291	0.090151	3.364253	0.000867	0.077148	1
ENSG00000182944.13	TREATTXTPF-00547659 225mg	Week12	EWSR1	protein_coding	chr22	29663998	29696515 +	10327	11098.72	0	0.138182	0.041081	3.363653	0.000869	0.077148	1
ENSG00000183208.8	TREATTXTPF-00547659 225mg	Week12	GDPGP1	protein_coding	chr15	90777040	90785315 +	2038	94.83425	0.00442	0.296995	0.088298	3.363548	0.000869	0.077148	1
ENSG00000255569.1	TREATTXTPF-00547659 22.5mg	Week12	TRAV1-1	TR_V_gene	chr14	22089991	22090720 +	392	52.61989	0.014365	0.523662	0.155694	3.363398	0.00087	0.077148	1
ENSG00000125124.7	TREATTXTPF-00547659 225mg	Week12	BBS2	protein_coding	chr16	56500748	56554195 -	8337	1177.906	0	0.306951	0.091275	3.362917	0.000871	0.077148	1
ENSG00000163013.7	TREATTXTPF-00547659 225mg	Week12	FBXO41	protein_coding	chr2	73481810	73511559 -	8104	959.4652	0	0.304837	0.090647	3.362916	0.000871	0.077148	1
ENSG00000092820.13	TREATTXTPF-00547659 225mg	Week12	EZR	protein_coding	chr6	159186773	159240444 -	3336	8412.466	0	0.261014	0.077621	3.362656	0.000872	0.077148	1
ENSG00000112592.8	TREATTXTPF-00547659 225mg	Week12	TBP	protein_coding	chr6	170863390	170881958 +	2038	640.4122	0	0.268308	0.079805	3.362049	0.000874	0.07724	1
ENSG00000267247.1	TREATTXTPF-00547659 7.5mg	Week12	RP11-64C1	lincRNA	chr18	12230410	12231572 -	485	2.104972	0.564641	0.465862	0.138606	3.361044	0.000877	0.077439	1
ENSG00000168421.8	TREATTXTPF-00547659 225mg	Week12	RHOH	protein_coding	chr4	40192673	40248587 +	6594	2419.71	0	0.33121	0.098568	3.360226	0.00088	0.077538	1
ENSG00000179041.2	TREATTXTPF-00547659 225mg	Week12	RRS1	protein_coding	chr8	67341263	67342966 +	1704	470.642	0	0.297408	0.088518	3.359843	0.000881	0.077538	1
ENSG00000126464.9	TREATTXTPF-00547659 225mg	Week12	PRR12	protein_coding	chr19	50094900	50129696 +	7093	2250.886	0	0.31359	0.093336	3.359785	0.000881	0.077538	1
ENSG00000269918.1	TREATTXTPF-00547659 225mg	Week12	AF131215	sense_intronic	chr8	10962201	10962414 -	2014	166.3238	0.003315	0.412008	0.122649	3.359233	0.000883	0.077538	1
ENSG00000144749.9	TREATTXTPF-00547659 225mg	Week12	LRIG1	protein_coding	chr3	66429221	66551687 -	7032	1044.156	0	0.401224	0.119445	3.359082	0.000883	0.077538	1
ENSG00000120658.8	TREATTXTPF-00547659 225mg	Week12	ENOX1	protein_coding	chr13	43787654	44361044 -	3518	1.145856	0.740331	0.372201	0.110804	3.35908	0.000883	0.077538	1
ENSG00000273365.1	TREATTXTPF-00547659 75mg	Week12	RP11-466f	lincRNA	chr1	165675793	165676521 -	729	2.771271	0.435359	0.446752	0.13301	3.358796	0.000884	0.077543	1
ENSG00000141568.15	TREATTXTPF-00547659 225mg	Week12	FOXK2	protein_coding	chr17	80477589	80602538 +	7780	1728.394	0	0.2055	0.061191	3.358343	0.000885	0.077594	1
ENSG00000133706.13	TREATTXTPF-00547659 225mg	Week12	LARS	protein_coding	chr5	145492601	145562223 -	8118	2891.01	0	0.282378	0.084093	3.357911	0.000887	0.077623	1
ENSG00000163958.9	TREATTXTPF-00547659 75mg	Week12	ZDHHC19	protein_coding	chr3	195924320	195938308 -	2432	354.9381	0.001105	-0.80767	0.240541	-3.35771	0.000887	0.077623	1
ENSG00000137496.13	TREATTXTPF-00547659 225mg	Week12	IL18BP	protein_coding	chr11	71709587	71716761 +	4323	741.6884	0	0.262829	0.078288	3.357192	0.000889	0.077636	1
ENSG00000154222.10	TREATTXTPF-00547659 225mg	Week12	CC2D1B	protein_coding	chr1	52811395	52831865 -	7491	2192.64	0	0.177449	0.052868	3.356478	0.000891	0.077636	1
ENSG00000225948.2	TREATTXTPF-00547659 225mg	Week12	RP11-554l	lincRNA	chr10	6660678	6667308 +	500	50.2442	0.01768	0.568117	0.16927	3.356285	0.000892	0.077636	1
ENSG0000010310.4	TREATTXTPF-00547659 225mg	Week12	GIPR	protein_coding	chr19	46171502	46186982 +	4736	130.6133	0.00221	0.475123	0.141563	3.356269	0.000892	0.077636	1
ENSG00000143374.10	TREATTXTPF-00547659 225mg	Week12	TARS2	protein_coding	chr1	150459887	150480078 +	4023	788.9713	0	0.251069	0.074807	3.356238	0.000892	0.077636	1
ENSG00000076555.11	TREATTXTPF-00547659 225mg	Week12	ACACB	protein_coding	chr12	109554400	109706031 +	14159	646.3724	0	0.294475	0.087744	3.356073	0.000892	0.077636	1
ENSG00000164949.3	TREATTXTPF-00547659 225mg	Week12	GEM	protein_coding	chr8	95261481	95274578 -	2648	5.637569	0.299448	0.558799	0.166529	3.355559	0.000894	0.077704	1
ENSG00000187010.14	TREATTXTPF-00547659 225mg	Week12	RHD	protein_coding	chr1	25598884	25656936 +	3313	98.26077	0.064088	-0.67285	0.200574	-3.35462	0.000897	0.077888	1
ENSG00000248703.2	TREATTXTPF-00547659 225mg	Week12	RP11-495h	lincRNA	chr12	131780655	131782517 -	1315	2.014365	0.577901	0.409526	0.122097	3.354099	0.000899	0.077957	1
ENSG00000211785.1	TREATTXTPF-00547659 225mg	Week12	TRAV12-1	TR_V_gene	chr14	22309422	22309956 +	340	201.0718	0.00221	0.513317	0.153072	3.353441	0.000901	0.078065	1
ENSG00000186056.5	TREATTXTPF-00547659 225mg	Week12	MAPT1-A5	antisense	chr1	31191351	31199674 +	4024	141.8917	0.001105	0.427965	0.127643	3.352822	0.000903	0.078071	1
ENSG00000165795.16	TREATTXTPF-00547659 225mg	Week12	NDRG2	protein_coding	chr14	21484922	21539031 -	7550	433.4541	0.001105	0.391718	0.116837	3.352689	0.000903	0.078071	1
ENSG00000156697.8	TREATTXTPF-00547659 225mg	Week12	UTP14A	protein_coding	chrX	129040097	129063737 +	4087	814.4343	0	0.257403	0.076776	3.352631	0.000903	0.078071	1
ENSG00000250251.2	TREATTXTPF-00547659 225mg	Week12	PKD1P6	pseudogene	chr16	15219099	15248421 -	6015	101.2961	0.01105	0.546387	0.162986	3.352353	0.000904	0.078076	1
ENSG00000267278.1	TREATTXTPF-00547659 225mg	Week12	MAP3K14	antisense	chr17	43325292	43345997 +	3775	122.7083	0.00442	0.486453	0.145135	3.351735	0.000906	0.078129	1
ENSG00000103351.8	TREATTXTPF-00547659 225mg	Week12	CLUAP1	protein_coding	chr16	3550924	3589048 +	7798	367.7182	0.001105	0.359685	0.107316	3.351633	0.000906	0.078129	1
ENSG00000104814.8	TREATTXTPF-00547659 75mg	Week12	MAP4K1	protein_coding	chr19	39078281	39109522 -	3953	4065.93	0	0.298191	0.089001	3.350425	0.00091	0.078376	1
ENSG00000011007.8	TREATTXTPF-00547659 225mg	Week12	TCEB3	protein_coding	chr1	24069645	24088549 +	5391	1978.545	0	0.233727	0.06977	3.349977	0.000911	0.078376	1
ENSG00000168056.10	TREATTXTPF-00547659 225mg	Week12	LTBP3	protein_coding	chr11	65306276	65326401 -	10298	2101.234	0	0.372572	0.111217	3.349943	0.000912	0.078376	1
ENSG00000089091.12	TREATTXTPF-00547659 225mg	Week12	DZANK1	protein_coding	chr20	18364011	18447925 -	6637	75.16133	0.003315	0.388108	0.115892	3.348893	0.000915	0.078592	1
ENSG00000213995.7	TREATTXTPF-00547659 225mg	Week12	CARKD	protein_coding	chr13	111267881	111292340 +	3540	741.6309	0	0.319165	0.095322	3.348291	0.000917	0.078685	1
ENSG00000163617.6	TREATTXTPF-00547659 225mg	Week12	KIAA1407	protein_coding	chr3	113682984	113775460 -	5303	285.2619	0.001105	0.424271	0.12673	3.34784	0.000918	0.078737	1
ENSG00000183624.9	TREATTXTPF-00547659 75mg	Week12	HMCES	protein_coding	chr3	128997671	129025029 +	2783	1864.365	0	0.218854	0.065385	3.34717	0.00092	0.078825	1
ENSG00000137817.12	TREATTXTPF-00547659 225mg	Week12	PARP6	protein_coding	chr15	72533522	72565340 -	7696	2004.556	0	0.199106	0.059488	3.346999	0.000921	0.078825	1
ENSG00000169635.5	TREATTXTPF-00547659 225mg	Week12	HIC2	protein_coding	chr22	21771693	21805752 +	7219	442.3017	0	0.298769	0.089283	3.346305	0.000923	0.078944	1
ENSG00000105875.9	TREATTXTPF-00547659 225mg	Week12	WDR91	protein_coding	chr7	134868590	134896316 -	6063	1316.558	0	0.213417	0.063786	3.345832	0.000925	0.078995	1
ENSG00000167333.8	TREATTXTPF-00547659 225mg	Week12	TRIM68	protein_coding	chr11	4619902	4629489 -	4282	557.5591	0	0.34231	0.102316	3.345603	0.000925	0.078995	1
ENSG00000163520.9	TREATTXTPF-00547659 75mg	Week12	FBLN2	protein_coding	chr3	13573824	13679922 +	4996	93.69613	0.005525	0.502748	0.150301	3.344948	0.000928	0.079103	1

ENSG00000168763.11	TREATTXTPF-00547659 75mg	Week12	CNNM3	protein_coding	chr2	97481982	97499648	+	4416	1500.319	0	0.205579	0.061468	3.34446	0.000929	0.079166	1
ENSG00000174669.7	TREATTXTPF-00547659 225mg	Week12	SLC29A2	protein_coding	chr11	66129992	66139685	-	2720	175.7282	0.00221	0.423322	0.126589	3.344073	0.00093	0.079181	1
ENSG00000157429.11	TREATTXTPF-00547659 225mg	Week12	ZNF19	protein_coding	chr16	71498453	71598992	-	7983	81.57348	0.003315	0.400715	0.119835	3.34389	0.000931	0.079181	1
ENSG00000227354.2	TREATTXTPF-00547659 225mg	Week12	RBM26-AS	antisense	chr13	79980444	79998463	+	3747	35.15249	0.018785	0.592651	0.177258	3.343445	0.000932	0.079193	1
ENSG00000207808.1	TREATTXTPF-00547659 22.5mg	Week12	MIR27A	miRNA	chr19	13947254	13947331	-	78	45.64862	0.012155	0.582562	0.174246	3.34333	0.000933	0.079193	1
ENSG00000117643.10	TREATTXTPF-00547659 225mg	Week12	MAN1C1	protein_coding	chr1	25943959	26112698	+	9014	1044.16	0	0.362623	0.10847	3.343064	0.000934	0.079195	1
ENSG00000100139.9	TREATTXTPF-00547659 225mg	Week12	MICALL1	protein_coding	chr22	38301664	38338829	+	5968	1229.368	0	0.215116	0.064359	3.34242	0.000936	0.079302	1
ENSG00000132670.16	TREATTXTPF-00547659 225mg	Week12	PTPRA	protein_coding	chr20	2844830	3019722	+	4509	3808.664	0	0.177059	0.052988	3.34148	0.000939	0.07949	1
ENSG00000135469.9	TREATTXTPF-00547659 225mg	Week12	COX10A	protein_coding	chr12	56660642	56664750	+	3243	343.9171	0.001105	0.37832	0.113249	3.340605	0.000942	0.079661	1
ENSG00000006695.6	TREATTXTPF-00547659 225mg	Week12	COX10	protein_coding	chr17	13972813	14111994	+	3172	502.2674	0	0.261385	0.078256	3.34015	0.000943	0.079663	1
ENSG00000164061.4	TREATTXTPF-00547659 225mg	Week12	BSN	protein_coding	chr3	49591922	49708978	+	16225	7.481768	0.161326	0.554207	0.165959	3.339424	0.000946	0.079663	1
ENSG00000134452.15	TREATTXTPF-00547659 225mg	Week12	FBXO18	protein_coding	chr10	5931535	5979556	+	6817	3195.512	0	0.158517	0.047472	3.339155	0.000946	0.079663	1
ENSG00000065000.11	TREATTXTPF-00547659 225mg	Week12	AP3D1	protein_coding	chr19	2100988	2164464	-	8618	5634.48	0	0.173464	0.051955	3.338723	0.000948	0.079663	1
ENSG00000173064.6	TREATTXTPF-00547659 225mg	Week12	HECTD4	protein_coding	chr12	11259792	112819896	+	21225	2158.556	0	0.270576	0.08105	3.338388	0.000949	0.079663	1
ENSG00000103322.11	TREATTXTPF-00547659 225mg	Week12	NISCH	protein_coding	chr3	52489134	52527087	+	9161	4785.603	0	0.206414	0.061833	3.338224	0.000949	0.079663	1
ENSG00000101191.12	TREATTXTPF-00547659 225mg	Week12	DIDO1	protein_coding	chr20	61509090	61569304	-	13281	4629.666	0	0.236175	0.070764	3.337479	0.000952	0.079663	1
ENSG00000127191.13	TREATTXTPF-00547659 75mg	Week12	TRAF2	protein_coding	chr9	139776364	139821059	+	3819	837.5989	0	0.245748	0.073637	3.337268	0.000953	0.079663	1
ENSG00000149262.12	TREATTXTPF-00547659 225mg	Week12	INTS4	protein_coding	chr11	77589766	77705724	+	6074	1509.365	0	0.180094	0.05397	3.336951	0.000954	0.079663	1
ENSG00000166897.10	TREATTXTPF-00547659 225mg	Week12	ELFN2	protein_coding	chr22	37764000	37823505	-	8782	12.53149	0.060773	0.551102	0.165172	3.336533	0.000955	0.079663	1
ENSG00000175189.3	TREATTXTPF-00547659 225mg	Week12	INHBC	protein_coding	chr12	57828543	57844611	+	1992	0.914917	0.79116	0.349493	0.10475	3.336441	0.000955	0.079663	1
ENSG00000103356.11	TREATTXTPF-00547659 225mg	Week12	EARS2	protein_coding	chr16	23533335	23569052	-	5730	490.0829	0	0.342246	0.102588	3.336126	0.000956	0.079663	1
ENSG00000167536.9	TREATTXTPF-00547659 225mg	Week12	DHRS13	protein_coding	chr17	27224799	27230089	-	2944	3212.873	0	-0.3319	0.099493	-3.33592	0.000957	0.079663	1
ENSG00000135905.14	TREATTXTPF-00547659 225mg	Week12	DOCK10	protein_coding	chr2	225629807	225907162	-	11065	3803.077	0	0.388548	0.116482	3.335681	0.000958	0.079663	1
ENSG00000272734.1	TREATTXTPF-00547659 225mg	Week12	ADIRF-AS1	processed_transcript	chr10	88725102	88731068	-	5748	104.5547	0.00884	0.464151	0.139182	3.334845	0.000961	0.079663	1
ENSG00000206053.8	TREATTXTPF-00547659 225mg	Week12	HN1L	protein_coding	chr16	1728257	1752281	+	4768	1086.57	0	0.269377	0.080777	3.334822	0.000961	0.079663	1
ENSG00000101654.13	TREATTXTPF-00547659 225mg	Week12	RNMT	protein_coding	chr18	13726659	13764557	+	6982	1901.586	0	0.291374	0.087379	3.334605	0.000961	0.079663	1
ENSG00000117682.12	TREATTXTPF-00547659 225mg	Week12	DHDDS	protein_coding	chr1	26758773	26797785	+	5596	922.8221	0	0.190914	0.057254	3.334539	0.000962	0.079663	1
ENSG00000166949.11	TREATTXTPF-00547659 225mg	Week12	SMAD3	protein_coding	chr15	67356101	67487533	+	9113	2674.708	0	0.332375	0.099679	3.334462	0.000962	0.079663	1
ENSG00000172530.15	TREATTXTPF-00547659 22.5mg	Week12	BANP	protein_coding	chr16	87982850	88110924	+	7679	1597.526	0	0.169643	0.050886	3.333767	0.000964	0.079663	1
ENSG00000147140.11	TREATTXTPF-00547659 225mg	Week12	NONO	protein_coding	chrX	70503042	70521018	+	5292	8868.591	0	0.196736	0.059013	3.333756	0.000964	0.079663	1
ENSG00000168795.4	TREATTXTPF-00547659 225mg	Week12	ZBTB5	protein_coding	chr9	37438111	37465396	-	4627	583.4033	0	0.370214	0.111053	3.333675	0.000965	0.079663	1
ENSG00000167034.9	TREATTXTPF-00547659 225mg	Week12	NKX3-1	protein_coding	chr8	23536206	23540440	-	3271	228.505	0.00442	0.514982	0.154508	3.333039	0.000967	0.079663	1
ENSG00000130559.14	TREATTXTPF-00547659 225mg	Week12	CAMSAP1	protein_coding	chr9	138700333	138799074	-	8642	839.4354	0	0.294458	0.088349	3.332895	0.000967	0.079663	1
ENSG00000100038.15	TREATTXTPF-00547659 225mg	Week12	TOP3B	protein_coding	chr22	22311397	22337213	-	6641	986.3448	0	0.236995	0.07111	3.332776	0.000968	0.079663	1
ENSG00000100403.10	TREATTXTPF-00547659 225mg	Week12	ZC3H7B	protein_coding	chr22	41697526	41756151	+	10525	2421.276	0	0.29929	0.089809	3.33252	0.000968	0.079663	1
ENSG00000196700.3	TREATTXTPF-00547659 225mg	Week12	ZNF512B	protein_coding	chr20	62588055	62680113	-	6018	712.1547	0	0.337494	0.101283	3.33219	0.00097	0.079663	1
ENSG00000196557.6	TREATTXTPF-00547659 225mg	Week12	CACNA1H	protein_coding	chr16	1203241	1271771	+	8484	95.74033	0.00221	0.452701	0.13586	3.33212	0.00097	0.079663	1
ENSG00000124507.6	TREATTXTPF-00547659 75mg	Week12	PACSLIN1	protein_coding	chr6	34433916	34503006	+	4712	184.8994	0	0.44217	0.132712	3.331807	0.000971	0.079663	1
ENSG00000241129.2	TREATTXTPF-00547659 225mg	Week12	RPL22P19	pseudogene	chr12	125420001	125420441	-	441	0.875138	0.78453	0.314549	0.094409	3.331749	0.000971	0.079663	1
ENSG00000154930.10	TREATTXTPF-00547659 225mg	Week12	ACCS1	protein_coding	chr20	24986868	25039616	-	10096	3269.541	0	0.259481	0.077882	3.331725	0.000971	0.079663	1
ENSG00000124496.8	TREATTXTPF-00547659 225mg	Week12	TRERF1	protein_coding	chr6	42192669	42419789	-	7732	2788.895	0	0.298059	0.089467	3.331488	0.000972	0.079663	1
ENSG00000149679.7	TREATTXTPF-00547659 225mg	Week12	CABLES2	protein_coding	chr20	60963688	60982341	-	3785	567.4685	0	0.189875	0.056995	3.331411	0.000972	0.079663	1
ENSG00000189283.5	TREATTXTPF-00547659 225mg	Week12	FHIT	protein_coding	chr3	59735036	61237133	-	5439	683.1978	0	0.422245	0.126751	3.33129	0.000973	0.079663	1
ENSG00000105492.11	TREATTXTPF-00547659 225mg	Week12	SIGLEC6	protein_coding	chr19	52022779	52035110	-	2573	57.49834	0.01989	0.585708	0.175841	3.330895	0.000974	0.079663	1
ENSG00000100351.12	TREATTXTPF-00547659 75mg	Week12	GRAP2	protein_coding	chr22	40297086	40369725	+	6190	4349.796	0	0.215673	0.064751	3.330781	0.000974	0.079663	1
ENSG00000138303.13	TREATTXTPF-00547659 225mg	Week12	ASCC1	protein_coding	chr10	73856278	73976892	-	5098	661.2862	0	0.179694	0.05395	3.330743	0.000974	0.079663	1
ENSG00000250918.2	TREATTXTPF-00547659 75mg	Week12	RP11-497f	pseudogene	chr5	69825198	69826377	+	1180	82.04088	0.003315	-0.46753	0.140374	-3.33059	0.000975	0.079663	1
ENSG00000117242.7	TREATTXTPF-00547659 225mg	Week12	PINK1-AS	antisense	chr1	20969150	20978686	-	4443	227.3039	0.00221	0.30922	0.092843	3.330572	0.000975	0.079663	1
ENSG00000174197.12	TREATTXTPF-00547659 225mg	Week12	MGA	protein_coding	chr15	41913422	42062141	+	14513	1517.463	0	0.340389	0.102204	3.330484	0.000975	0.079663	1
ENSG00000143772.5	TREATTXTPF-00547659 75mg	Week12	ITPKB	protein_coding	chr1	226819391	226927024	-	7036	7510.972	0	0.200005	0.060088	3.32853	0.000982	0.080057	1
ENSG00000073536.13	TREATTXTPF-00547659 225mg	Week12	NLE1	protein_coding	chr17	33455772	33469334	-	5463	534.0541	0	0.311473	0.093577	3.32852	0.000982	0.080057	1
ENSG00000125686.7	TREATTXTPF-00547659 225mg	Week12	MED1	protein_coding	chr17	37560538	37607539	-	7330	1610.229	0	0.268022	0.080528	3.328312	0.000983	0.080057	1
ENSG00000235374.1	TREATTXTPF-00547659 225mg	Week12	SSR4P1	pseudogene	chr21	46491648	46494080	-	967	17.47735	0.029834	0.469032	0.140951	3.327631	0.000985	0.080177	1

ENSG00000182489.7	TREATTXTPF-00547659 225mg	Week12	XKRX	protein_coding	chrX	100168431	100184422	-	3375	40.5558	0.018785	0.581839	0.174879	3.327103	0.000987	0.080204	1
ENSG00000132383.7	TREATTXTPF-00547659 75mg	Week12	RPA1	protein_coding	chr17	1732996	1803376	+	5492	3899.725	0	0.227092	0.068257	3.327037	0.000987	0.080204	1
ENSG00000069966.14	TREATTXTPF-00547659 75mg	Week12	GNB5	protein_coding	chr15	52413117	52483566	-	7487	654.2873	0	0.264559	0.079536	3.326285	0.00099	0.080219	1
ENSG00000211728.2	TREATTXTPF-00547659 225mg	Week12	TRBV5-6	TR_V_gene	chr7	142131412	142131918	-	384	129.4652	0.00442	0.42624	0.128143	3.326274	0.00099	0.080219	1
ENSG00000169375.11	TREATTXTPF-00547659 225mg	Week12	SIN3A	protein_coding	chr15	75661720	75748183	-	12453	4145.82	0	0.250021	0.075166	3.326244	0.00099	0.080219	1
ENSG00000162769.8	TREATTXTPF-00547659 225mg	Week12	FLVCR1	protein_coding	chr1	213031597	213072705	+	6442	444.221	0	0.390464	0.117409	3.325666	0.000992	0.080264	1
ENSG00000188130.9	TREATTXTPF-00547659 75mg	Week12	MAPK12	protein_coding	chr22	50683879	50700254	-	9421	18.31934	0.01989	0.487631	0.14663	3.325586	0.000992	0.080264	1
ENSG00000198182.8	TREATTXTPF-00547659 225mg	Week12	ZNF607	protein_coding	chr19	38187264	38210691	-	4740	154.0564	0.00221	0.416437	0.125245	3.324989	0.000994	0.080305	1
ENSG00000043143.16	TREATTXTPF-00547659 75mg	Week12	PHF15	protein_coding	chr5	133860003	133918918	+	9873	4999.319	0	0.254404	0.076516	3.324864	0.000994	0.080305	1
ENSG00000206113.3	TREATTXTPF-00547659 75mg	Week12	RP11-503N	lincRNA	chr4	2420701	2452087	+	3832	9.040884	0.078453	-0.47423	0.142639	-3.3247	0.000995	0.080305	1
ENSG00000145214.9	TREATTXTPF-00547659 75mg	Week12	DGKQ	protein_coding	chr4	952675	980683	-	4970	1698.432	0	0.244485	0.073552	3.323952	0.000998	0.080334	1
ENSG00000244701.1	TREATTXTPF-00547659 225mg	Week12	RP5-894A	antisense	chr7	141352181	141356610	-	770	164.3348	0.003315	0.429751	0.129293	3.323847	0.000998	0.080334	1
ENSG00000169413.2	TREATTXTPF-00547659 75mg	Week12	RNAS66	protein_coding	chr14	21249210	21250626	+	1061	3313.852	0	0.269423	0.081062	3.323666	0.000999	0.080334	1
ENSG00000126016.9	TREATTXTPF-00547659 75mg	Week12	AMOT	protein_coding	chrX	112017731	112084043	-	8502	112.7901	0.005525	0.42771	0.128689	3.323605	0.000999	0.080334	1
ENSG00000101017.9	TREATTXTPF-00547659 225mg	Week12	CD40	protein_coding	chr20	44746911	44758502	+	2368	650.9215	0	0.354422	0.106651	3.323192	0.001	0.080334	1
ENSG00000211689.2	TREATTXTPF-00547659 75mg	Week12	TRGC1	TR_C_gene	chr7	38297480	38305279	-	2730	775.5956	0	0.398087	0.119793	3.323123	0.001	0.080334	1
ENSG00000157020.13	TREATTXTPF-00547659 75mg	Week12	SEC13	protein_coding	chr3	10334815	10362862	-	5446	2998.376	0	0.156148	0.047005	3.32197	0.001004	0.080525	1
ENSG00000183624.9	TREATTXTPF-00547659 225mg	Week12	HMCES	protein_coding	chr3	128997671	129025029	+	2783	1864.365	0	0.221876	0.066793	3.321833	0.001005	0.080525	1
ENSG00000166167.13	TREATTXTPF-00547659 225mg	Week12	BTRC	protein_coding	chr10	103113820	103317078	+	6583	176.9867	0	0.267508	0.080536	3.321574	0.001006	0.080525	1
ENSG00000130254.7	TREATTXTPF-00547659 75mg	Week12	SAFB2	protein_coding	chr19	5587010	5624057	-	6222	3154.259	0	0.157643	0.047462	3.321458	0.001006	0.080525	1
ENSG00000169116.7	TREATTXTPF-00547659 225mg	Week12	PARM1	protein_coding	chr4	75858305	75975325	+	5034	173.4508	0.001105	0.490118	0.147584	3.320947	0.001008	0.080599	1
ENSG00000089737.11	TREATTXTPF-00547659 225mg	Week12	DDX24	protein_coding	chr14	94517266	94547591	-	6007	6139	0	0.261457	0.078739	3.32054	0.001009	0.080644	1
ENSG00000251230.1	TREATTXTPF-00547659 225mg	Week12	RP11-701F	lincRNA	chr4	185765739	185776905	-	986	188.0188	0.001105	-0.45068	0.135756	-3.31979	0.001012	0.08078	1
ENSG00000186854.6	TREATTXTPF-00547659 225mg	Week12	TRABD2A	protein_coding	chr2	85048774	85134132	-	8771	2338.882	0	0.425914	0.12833	3.318908	0.001015	0.08078	1
ENSG00000125945.10	TREATTXTPF-00547659 225mg	Week12	ZNF436	protein_coding	chr1	23685941	23695935	-	4392	419.1448	0	0.281169	0.08473	3.318405	0.001017	0.08078	1
ENSG00000152969.12	TREATTXTPF-00547659 75mg	Week12	JAKMIP1	protein_coding	chr4	6027926	6202318	-	3673	396.6751	0	0.357407	0.107711	3.318202	0.001018	0.08078	1
ENSG00000006114.11	TREATTXTPF-00547659 225mg	Week12	SYNRG	protein_coding	chr17	35874900	35969544	-	14277	4171.509	0	0.264054	0.079596	3.317411	0.00102	0.08078	1
ENSG00000174792.6	TREATTXTPF-00547659 75mg	Week12	C4orf26	protein_coding	chr4	76481258	76491095	+	2054	3.720442	0.344751	0.490395	0.147826	3.317369	0.001021	0.08078	1
ENSG00000139266.5	TREATTXTPF-00547659 225mg	Week12	09-Mar	protein_coding	chr12	58148881	58154190	+	4005	1011.148	0	0.32923	0.099245	3.317341	0.001021	0.08078	1
ENSG00000165388.8	TREATTXTPF-00547659 75mg	Week12	ZNF488	protein_coding	chr10	48355024	48373866	+	4442	1.429834	0.683978	0.370917	0.111828	3.31685	0.001022	0.08078	1
ENSG00000115423.14	TREATTXTPF-00547659 225mg	Week12	DNAH6	protein_coding	chr2	84743579	85046713	+	13514	43.24862	0.029834	0.642421	0.193687	3.316798	0.001023	0.08078	1
ENSG00000112941.8	TREATTXTPF-00547659 225mg	Week12	PAPD7	protein_coding	chr5	6714718	6757161	+	5187	1375.457	0	0.317847	0.09583	3.316786	0.001023	0.08078	1
ENSG00000068745.10	TREATTXTPF-00547659 75mg	Week12	IP6K2	protein_coding	chr3	48725436	48777786	-	5624	2367.933	0	0.144128	0.043456	3.316653	0.001023	0.08078	1
ENSG00000138101.14	TREATTXTPF-00547659 225mg	Week12	DTNB	protein_coding	chr2	25600067	25896503	-	7156	403.7315	0	0.19087	0.057557	3.316218	0.001025	0.08078	1
ENSG00000065675.10	TREATTXTPF-00547659 75mg	Week12	PRKCQ	protein_coding	chr10	6469105	6622263	-	3285	1841.476	0	0.314365	0.094796	3.316214	0.001025	0.08078	1
ENSG00000111674.4	TREATTXTPF-00547659 225mg	Week12	ENO2	protein_coding	chr12	7022909	7032861	+	4281	1236.045	0	0.349838	0.105498	3.316069	0.001025	0.08078	1
ENSG00000076201.10	TREATTXTPF-00547659 225mg	Week12	PTPN23	protein_coding	chr3	47422501	47454931	+	5981	2258.282	0	0.209866	0.063289	3.316009	0.001025	0.08078	1
ENSG00000157404.11	TREATTXTPF-00547659 75mg	Week12	KIT	protein_coding	chr4	55524085	55606881	+	5563	109.4464	0.00663	0.559124	0.168617	3.31595	0.001026	0.08078	1
ENSG00000205531.8	TREATTXTPF-00547659 225mg	Week12	NAP1L4	protein_coding	chr11	2965667	3013607	+	5194	5389.656	0	0.223108	0.067284	3.315934	0.001026	0.08078	1
ENSG00000135486.13	TREATTXTPF-00547659 225mg	Week12	HNRNP1A	protein_coding	chr12	54673977	54680872	+	5093	23386.27	0	0.269348	0.081238	3.315566	0.001027	0.080793	1
ENSG00000163508.8	TREATTXTPF-00547659 75mg	Week12	EOMES	protein_coding	chr3	27757440	27764206	-	3660	1161.507	0	0.385081	0.116149	3.315405	0.001027	0.080793	1
ENSG00000101350.6	TREATTXTPF-00547659 225mg	Week12	KIF3B	protein_coding	chr20	30865467	30922814	+	6103	1288.082	0	0.202624	0.061129	3.314662	0.00103	0.080934	1
ENSG00000067533.5	TREATTXTPF-00547659 225mg	Week12	RRP15	protein_coding	chr1	218458629	218511325	+	7883	342.5967	0	0.365098	0.110171	3.313914	0.001033	0.081075	1
ENSG00000039523.13	TREATTXTPF-00547659 225mg	Week12	FAM65A	protein_coding	chr16	67552321	67580691	+	6730	3806.954	0	0.20091	0.060636	3.313402	0.001035	0.081129	1
ENSG00000163348.3	TREATTXTPF-00547659 225mg	Week12	PYGO2	protein_coding	chr1	154929502	154936329	-	3630	2917.349	0	0.224784	0.067844	3.313244	0.001035	0.081129	1
ENSG00000172543.3	TREATTXTPF-00547659 75mg	Week12	CTSW	protein_coding	chr11	65647280	65651212	+	1719	5908.461	0	0.351647	0.106151	3.312712	0.001037	0.081179	1
ENSG00000033050.3	TREATTXTPF-00547659 225mg	Week12	ABCF2	protein_coding	chr7	150904923	150924316	-	4448	1962.734	0	0.2249	0.067899	3.312285	0.001039	0.081179	1
ENSG00000183763.4	TREATTXTPF-00547659 225mg	Week12	TRAI2	protein_coding	chr3	49866034	49894007	-	3261	55.10608	0.00442	0.409751	0.123722	3.31186	0.00104	0.081179	1
ENSG00000108587.10	TREATTXTPF-00547659 225mg	Week12	GOSR1	protein_coding	chr17	28804380	28854610	+	9855	1632.688	0	0.222813	0.067286	3.311452	0.001042	0.081179	1
ENSG00000211810.3	TREATTXTPF-00547659 75mg	Week12	TRAV29D	TR_V_gene	chr14	22631134	22631766	+	469	176.6166	0.001105	0.443852	0.134036	3.311439	0.001042	0.081179	1
ENSG00000185298.8	TREATTXTPF-00547659 225mg	Week12	CCDC137	protein_coding	chr17	79633394	79640934	+	2762	902.5978	0	0.19802	0.059799	3.311435	0.001042	0.081179	1
ENSG00000148300.7	TREATTXTPF-00547659 225mg	Week12	REXO4	protein_coding	chr9	136271186	136283164	-	2599	1141.53	0	0.255143	0.077054	3.311225	0.001042	0.081179	1
ENSG00000142751.10	TREATTXTPF-00547659 225mg	Week12	GPN2	protein_coding	chr1	27202624	27216788	-	4979	1521.951	0	0.21825	0.065913	3.311153	0.001043	0.081179	1

ENSG00000167972.9	TREATTXTPF-00547659 225mg	Week12	ABCA3	protein_coding	chr16	2325882	2390747 -	7804	286.895	0	0.306298	0.092542	3.309842	0.001047	0.081479	1
ENSG00000175868.9	TREATTXTPF-00547659 225mg	Week12	CALCB	protein_coding	chr11	14926543	15103888 +	3937	2.20221	0.514917	0.432623	0.130745	3.308915	0.001051	0.081537	1
ENSG00000126882.8	TREATTXTPF-00547659 225mg	Week12	FAM78A	protein_coding	chr9	134133463	134151934 -	5499	6972.912	0	0.220981	0.066789	3.308641	0.001052	0.081537	1
ENSG00000025293.11	TREATTXTPF-00547659 225mg	Week12	PHF20	protein_coding	chr20	34359896	34538303 +	7812	2598.848	0	0.226131	0.068355	3.308166	0.001053	0.081537	1
ENSG00000237037.5	TREATTXTPF-00547659 225mg	Week12	NDUFA6-A	processed_transcript	chr22	42486935	42535286 +	6653	148.6099	0.001105	0.352808	0.106649	3.308118	0.001054	0.081537	1
ENSG00000188878.12	TREATTXTPF-00547659 225mg	Week12	FBF1	protein_coding	chr17	73905655	73937221 -	6731	177.9801	0	0.313227	0.094686	3.308056	0.001054	0.081537	1
ENSG00000267221.1	TREATTXTPF-00547659 225mg	Week12	CTD-2132f	sense_intronic	chr17	40192731	40195135 -	761	8.955801	0.117127	0.530608	0.160412	3.307776	0.001055	0.081537	1
ENSG00000073605.14	TREATTXTPF-00547659 225mg	Week12	GSDMB	protein_coding	chr17	38060848	38076107 -	5917	1492.697	0	0.352568	0.106594	3.307573	0.001056	0.081537	1
ENSG00000110169.6	TREATTXTPF-00547659 225mg	Week12	HPX	protein_coding	chr11	6452279	6463847 -	3631	16.02431	0.040884	0.525009	0.158737	3.307416	0.001056	0.081537	1
ENSG00000160214.8	TREATTXTPF-00547659 225mg	Week12	RRP1	protein_coding	chr21	45209394	45225174 +	4251	602.2575	0	0.266757	0.080657	3.307283	0.001057	0.081537	1
ENSG00000169991.6	TREATTXTPF-00547659 225mg	Week12	IFFO2	protein_coding	chr1	19230775	19283180 -	6188	1382.741	0	0.331281	0.100167	3.307267	0.001057	0.081537	1
ENSG00000090615.8	TREATTXTPF-00547659 225mg	Week12	GOLGA3	protein_coding	chr12	133345495	133405444 -	10550	2611.576	0	0.227559	0.068824	3.306382	0.00106	0.081549	1
ENSG00000235304.1	TREATTXTPF-00547659 225mg	Week12	RP11-265f	lincRNA	chrX	39164210	39186616 -	1773	11.56133	0.132597	0.614848	0.185969	3.306176	0.001061	0.081549	1
ENSG00000003249.9	TREATTXTPF-00547659 225mg	Week12	DBNDD1	protein_coding	chr16	90071273	90086536 -	3522	207.4994	0.001105	0.445503	0.134751	3.306131	0.001061	0.081549	1
ENSG00000154134.10	TREATTXTPF-00547659 225mg	Week12	ROBO3	protein_coding	chr11	124735282	124751366 +	7026	182.1834	0.00221	0.463562	0.140215	3.306079	0.001061	0.081549	1
ENSG00000176953.6	TREATTXTPF-00547659 225mg	Week12	NFATC2IP	protein_coding	chr16	28962128	28978418 +	5738	2758.471	0	0.285303	0.086297	3.306042	0.001061	0.081549	1
ENSG00000205476.4	TREATTXTPF-00547659 225mg	Week12	CCDC85C	protein_coding	chr14	99977603	100070363 -	6363	258.5326	0	0.390175	0.118051	3.30513	0.001064	0.08158	1
ENSG00000184787.14	TREATTXTPF-00547659 225mg	Week12	UBE2G2	protein_coding	chr21	46188955	46221934 -	6928	3554.046	0	0.279532	0.084576	3.305097	0.001065	0.08158	1
ENSG00000187239.12	TREATTXTPF-00547659 225mg	Week12	FBNP1	protein_coding	chr9	132649466	132805473 -	6686	12321.01	0	0.190466	0.057628	3.305086	0.001065	0.08158	1
ENSG00000129245.7	TREATTXTPF-00547659 75mg	Week12	FXR2	protein_coding	chr17	7494548	7518189 -	4331	1738.002	0	0.132565	0.040116	3.304572	0.001067	0.08158	1
ENSG00000124203.5	TREATTXTPF-00547659 225mg	Week12	ZNF831	protein_coding	chr20	57766075	57834168 +	9404	1261.277	0	0.415291	0.125675	3.304477	0.001067	0.08158	1
ENSG00000113812.9	TREATTXTPF-00547659 225mg	Week12	ACTR8	protein_coding	chr3	53901093	53916229 +	4066	682.5547	0	0.217691	0.065886	3.304036	0.001069	0.08158	1
ENSG00000132275.6	TREATTXTPF-00547659 225mg	Week12	RRP8	protein_coding	chr11	6616305	6624850 -	6922	869.3381	0	0.216115	0.065414	3.303814	0.001069	0.08158	1
ENSG00000176171.7	TREATTXTPF-00547659 225mg	Week12	BNIP3	protein_coding	chr10	133781578	133795435 -	2111	289.1149	0	0.355701	0.107665	3.303771	0.001069	0.08158	1
ENSG00000204933.2	TREATTXTPF-00547659 75mg	Week12	CD177P1	pseudogene	chr19	43876894	43883276 -	1061	87.37017	0.269613	-1.08575	0.328666	-3.30351	0.00107	0.08158	1
ENSG00000039123.11	TREATTXTPF-00547659 225mg	Week12	SKIV2L2	protein_coding	chr5	54603588	54721409 +	6578	1788.252	0	0.306215	0.092697	3.303399	0.001071	0.08158	1
ENSG00000115687.9	TREATTXTPF-00547659 225mg	Week12	PASK	protein_coding	chr2	242045514	242089679 -	10686	1363.88	0	0.3929	0.118943	3.303262	0.001071	0.08158	1
ENSG00000171219.8	TREATTXTPF-00547659 225mg	Week12	CDC42BPC	protein_coding	chr11	64590859	64612041 -	6112	182.3083	0.001105	0.36259	0.109783	3.302798	0.001073	0.08158	1
ENSG00000224078.8	TREATTXTPF-00547659 225mg	Week12	SNHG14	processed_transcript	chr15	25223730	25664609 +	32477	516.011	0	0.407696	0.12344	3.302778	0.001073	0.08158	1
ENSG00000125386.10	TREATTXTPF-00547659 75mg	Week12	FAM193A	protein_coding	chr4	2626988	2734292 +	6174	2054.021	0	0.162721	0.04927	3.302653	0.001074	0.08158	1
ENSG00000099991.12	TREATTXTPF-00547659 225mg	Week12	CABIN1	protein_coding	chr22	24407642	24574596 +	9388	7596.905	0	0.23439	0.070982	3.302121	0.001076	0.081618	1
ENSG00000138614.10	TREATTXTPF-00547659 225mg	Week12	VWA9	protein_coding	chr15	65871091	65903627 -	4210	1097.224	0	0.271603	0.082253	3.302054	0.001076	0.081618	1
ENSG00000236662.1	TREATTXTPF-00547659 225mg	Week12	RP11-108l	antisense	chr10	102740264	102745371 -	342	10.85856	0.088398	0.528543	0.160083	3.301688	0.001077	0.081655	1
ENSG00000089692.4	TREATTXTPF-00547659 75mg	Week12	LAG3	protein_coding	chr12	6881678	6887621 +	3056	555.8287	0	0.41644	0.126176	3.300468	0.001082	0.081887	1
ENSG00000142528.11	TREATTXTPF-00547659 225mg	Week12	ZNF473	protein_coding	chr19	50528971	50556671 +	6898	322.0276	0.001105	0.290909	0.088144	3.300401	0.001082	0.081887	1
ENSG00000151779.8	TREATTXTPF-00547659 225mg	Week12	NBAS	protein_coding	chr2	15307032	15701454 -	8949	1287.59	0	0.256741	0.07781	3.299583	0.001085	0.082051	1
ENSG00000172273.8	TREATTXTPF-00547659 225mg	Week12	HINFP	protein_coding	chr11	118992297	119006752 +	9834	1048.389	0	0.209391	0.063473	3.298894	0.001088	0.08218	1
ENSG00000176083.13	TREATTXTPF-00547659 75mg	Week12	ZNF683	protein_coding	chr1	26688125	26701013 -	2379	725.3635	0	0.545086	0.165275	3.298051	0.001091	0.082353	1
ENSG00000243273.1	TREATTXTPF-00547659 75mg	Week12	RP11-166h	antisense	chr3	150608423	150756605 +	565	129.9624	0.009945	-0.73103	0.22173	-3.29693	0.001095	0.082605	1
ENSG00000213742.2	TREATTXTPF-00547659 225mg	Week12	RP4-694B	antisense	chr20	25604681	25658710 +	5308	33.31602	0.012155	0.509465	0.154563	3.296167	0.001098	0.082756	1
ENSG00000177374.8	TREATTXTPF-00547659 75mg	Week12	HIC1	protein_coding	chr17	1957448	1962981 +	4554	134.3912	0.001105	0.428599	0.130071	3.295121	0.001102	0.082979	1
ENSG00000075275.12	TREATTXTPF-00547659 225mg	Week12	CELSR1	protein_coding	chr22	46756731	46933067 -	12817	185.2309	0.00221	0.500479	0.151908	3.294621	0.001104	0.082979	1
ENSG00000120253.9	TREATTXTPF-00547659 225mg	Week12	NUP43	protein_coding	chr6	150045451	150070801 -	4538	1145.828	0	0.31136	0.094512	3.294408	0.001104	0.082979	1
ENSG00000134759.9	TREATTXTPF-00547659 225mg	Week12	ELP2	protein_coding	chr18	33709407	33757909 +	8458	1870.555	0	0.29434	0.089353	3.294126	0.001106	0.082979	1
ENSG00000173511.5	TREATTXTPF-00547659 225mg	Week12	VEGFB	protein_coding	chr11	64002010	64006259 +	1539	1038.449	0	0.317854	0.0965	3.293813	0.001107	0.082979	1
ENSG00000130713.11	TREATTXTPF-00547659 225mg	Week12	EXOSC2	protein_coding	chr9	133569108	133580248 +	4207	761.1757	0	0.310921	0.094396	3.293786	0.001107	0.082979	1
ENSG00000166483.6	TREATTXTPF-00547659 225mg	Week12	WEE1	protein_coding	chr11	9595228	9615004 +	9239	318.0088	0.001105	0.418236	0.126978	3.293766	0.001107	0.082979	1
ENSG00000183621.11	TREATTXTPF-00547659 75mg	Week12	ZNF438	protein_coding	chr10	31109136	31320866 -	4294	2008.513	0	-0.27128	0.082396	-3.29239	0.001112	0.083307	1
ENSG00000181847.7	TREATTXTPF-00547659 75mg	Week12	TIGIT	protein_coding	chr3	113995760	114029135 +	6091	1249.236	0	0.370575	0.112593	3.291285	0.001116	0.083436	1
ENSG00000250918.2	TREATTXTPF-00547659 225mg	Week12	RP11-497f	pseudogene	chr5	69825198	69826377 +	1180	82.04088	0.003315	-0.47679	0.144864	-3.29127	0.001116	0.083436	1
ENSG00000240535.4	TREATTXTPF-00547659 75mg	Week12	CTD-2313f	processed_transcript	chr5	54317127	54338672 -	3486	16.19448	0.059669	0.548122	0.16655	3.291048	0.001117	0.083436	1
ENSG00000163913.7	TREATTXTPF-00547659 225mg	Week12	IFT122	protein_coding	chr3	129158968	129239198 +	9395	574.6917	0	0.17023	0.051727	3.290893	0.001118	0.083436	1
ENSG00000137073.16	TREATTXTPF-00547659 75mg	Week12	UBAP2	protein_coding	chr9	33921691	34048947 -	10610	839.2508	0	0.256408	0.077939	3.289868	0.001122	0.083436	1



ENSG00000144134.14	TREATTXTPF-00547659 225mg	Week12	RABL2A	protein_coding	chr2	114384806	114400973 +	6008	382.5293	0	0.306884	0.093289	3.289619	0.001123	0.083436	1
ENSG00000174137.8	TREATTXTPF-00547659 225mg	Week12	FAM53A	protein_coding	chr4	1619642	1686029 -	4239	44.99669	0.003315	0.371204	0.112857	3.289166	0.001124	0.083436	1
ENSG00000168970.16	TREATTXTPF-00547659 225mg	Week12	JMJD7-PL1	protein_coding	chr15	42120293	42140353 +	7862	322.0751	0.00442	0.519137	0.157834	3.289125	0.001125	0.083436	1
ENSG00000106477.14	TREATTXTPF-00547659 225mg	Week12	CEP41	protein_coding	chr7	130033612	130082274 -	12566	295.6464	0	0.295745	0.08992	3.288978	0.001125	0.083436	1
ENSG00000227678.3	TREATTXTPF-00547659 75mg	Week12	RP11-730i	antisense	chr6	130454555	130465515 -	1743	52.83646	0.00884	0.514558	0.156468	3.288591	0.001127	0.083436	1
ENSG00000101842.9	TREATTXTPF-00547659 225mg	Week12	VSIG1	protein_coding	chrX	107288200	107322414 +	3769	375.1735	0	0.445901	0.135603	3.288294	0.001128	0.083436	1
ENSG00000117481.6	TREATTXTPF-00547659 225mg	Week12	NSUN4	protein_coding	chr1	46805849	46830824 +	8468	661.2188	0	0.244419	0.074331	3.288247	0.001128	0.083436	1
ENSG00000163161.8	TREATTXTPF-00547659 225mg	Week12	ERCC3	protein_coding	chr2	128014866	128051752 -	7401	1858.598	0	0.210996	0.064167	3.288209	0.001128	0.083436	1
ENSG00000172943.14	TREATTXTPF-00547659 225mg	Week12	PHF8	protein_coding	chrX	53963109	54075391 -	9015	2810.709	0	0.227459	0.06918	3.287954	0.001129	0.083436	1
ENSG00000124608.4	TREATTXTPF-00547659 225mg	Week12	AARS2	protein_coding	chr6	44267391	44281063 -	4298	475.2917	0	0.295851	0.089982	3.287876	0.001129	0.083436	1
ENSG00000078269.9	TREATTXTPF-00547659 75mg	Week12	SYNJ2	protein_coding	chr6	158402888	158520208 +	9985	640.1127	0	0.30532	0.092864	3.287819	0.00113	0.083436	1
ENSG00000186532.7	TREATTXTPF-00547659 225mg	Week12	SMYD4	protein_coding	chr17	1682779	1733928 -	6777	631.9293	0	0.34231	0.104124	3.28751	0.001131	0.083436	1
ENSG00000243055.1	TREATTXTPF-00547659 7.5mg	Week12	GK-AS1	antisense	chrX	30718115	30742291 -	651	1.909392	0.8	0.344449	0.104779	3.287379	0.001131	0.083436	1
ENSG00000145375.7	TREATTXTPF-00547659 225mg	Week12	SPATA5	protein_coding	chr4	123844229	124240605 +	8247	185.2685	0.003315	0.422639	0.128583	3.286912	0.001133	0.083436	1
ENSG00000103222.14	TREATTXTPF-00547659 75mg	Week12	ABCC1	protein_coding	chr16	16043434	16236931 +	7575	2502.546	0	0.223037	0.067857	3.286852	0.001133	0.083436	1
ENSG00000119401.10	TREATTXTPF-00547659 75mg	Week12	TRIM32	protein_coding	chr9	119449581	119463579 +	3780	399.2265	0	0.326358	0.099296	3.286713	0.001134	0.083436	1
ENSG00000139197.6	TREATTXTPF-00547659 225mg	Week12	PEX5	protein_coding	chr12	7341281	7371170 +	5488	1062.37	0	0.214016	0.065116	3.286708	0.001134	0.083436	1
ENSG00000111788.9	TREATTXTPF-00547659 225mg	Week12	RP11-22B1	pseudogene	chr12	9429831	9466684 +	4137	136.1414	0.003315	0.507156	0.154306	3.286683	0.001134	0.083436	1
ENSG00000188511.8	TREATTXTPF-00547659 225mg	Week12	C22orf34	protein_coding	chr22	49808176	50051190 -	6755	280.9193	0.001105	0.242264	0.073718	3.28637	0.001135	0.083461	1
ENSG00000064651.9	TREATTXTPF-00547659 225mg	Week12	SLC12A2	protein_coding	chr5	127419458	127525380 +	10664	179.0663	0.003315	0.46737	0.142227	3.286086	0.001136	0.083478	1
ENSG00000100139.9	TREATTXTPF-00547659 75mg	Week12	MICALL1	protein_coding	chr22	38301664	38338829 +	5968	1229.368	0	0.205974	0.062699	3.285144	0.00114	0.083639	1
ENSG00000241945.3	TREATTXTPF-00547659 225mg	Week12	PWP2	protein_coding	chr21	45527171	45551063 +	6922	1220.509	0	0.221109	0.067307	3.285069	0.00114	0.083639	1
ENSG00000108264.12	TREATTXTPF-00547659 225mg	Week12	TADA2A	protein_coding	chr17	35766965	35839835 +	5654	562.1757	0	0.292336	0.089009	3.284341	0.001143	0.083746	1
ENSG00000133243.4	TREATTXTPF-00547659 225mg	Week12	BTBD2	protein_coding	chr19	1985447	2034880 -	5505	3543.627	0	0.228022	0.069431	3.284145	0.001144	0.083746	1
ENSG00000186026.6	TREATTXTPF-00547659 225mg	Week12	ZNF284	protein_coding	chr19	44576297	44593766 +	4351	127.3127	0.001105	0.337152	0.102674	3.283715	0.001146	0.083746	1
ENSG00000196810.4	TREATTXTPF-00547659 225mg	Week12	CTBP1-AS2	antisense	chr4	1243088	1282079 +	7820	554.2232	0	0.313866	0.095584	3.283656	0.001146	0.083746	1
ENSG00000184675.5	TREATTXTPF-00547659 225mg	Week12	AMER1	protein_coding	chrX	63404997	63425624 -	8443	267.558	0	0.386254	0.117632	3.283571	0.001146	0.083746	1
ENSG00000243811.3	TREATTXTPF-00547659 225mg	Week12	APOBEC3E	protein_coding	chr22	39410368	39429281 +	2545	911.9967	0	0.306104	0.093234	3.283187	0.001148	0.083791	1
ENSG00000182199.6	TREATTXTPF-00547659 225mg	Week12	SHMT2	protein_coding	chr12	57623110	57628718 +	4838	2508.79	0	0.248416	0.075672	3.282807	0.001149	0.083836	1
ENSG00000100888.8	TREATTXTPF-00547659 225mg	Week12	CHD8	protein_coding	chr14	21853353	21924285 -	9781	4247.735	0	0.190485	0.058037	3.282131	0.001152	0.083953	1
ENSG00000112333.7	TREATTXTPF-00547659 75mg	Week12	NR2E1	protein_coding	chr6	108487262	108510013 +	3733	22.03315	0.254144	-0.85828	0.261517	-3.28192	0.001153	0.083953	1
ENSG00000211777.2	TREATTXTPF-00547659 225mg	Week12	TRAV3	TR_V_gene	chr14	22191960	22192568 +	519	169.3691	0.00442	0.490582	0.149489	3.281724	0.001154	0.083953	1
ENSG00000149115.9	TREATTXTPF-00547659 225mg	Week12	TNKS1BP1	protein_coding	chr11	57067112	57092426 -	7149	268.6696	0	0.344821	0.105081	3.28148	0.001154	0.083959	1
ENSG00000092094.6	TREATTXTPF-00547659 225mg	Week12	OSGEP	protein_coding	chr14	20914570	20923264 -	5041	1515.597	0	0.248316	0.075679	3.281176	0.001156	0.083982	1
ENSG00000165102.10	TREATTXTPF-00547659 225mg	Week12	HGSNAT	protein_coding	chr8	42995556	43057998 +	8985	3315.594	0	0.197392	0.060165	3.280817	0.001157	0.083993	1
ENSG00000159164.5	TREATTXTPF-00547659 75mg	Week12	SV2A	protein_coding	chr1	149874870	149889434 -	4824	96.18785	0.001105	0.354257	0.107984	3.280655	0.001158	0.083993	1
ENSG00000127586.12	TREATTXTPF-00547659 225mg	Week12	CHTF18	protein_coding	chr16	838046	850737 +	5916	322.4122	0	0.310468	0.094654	3.280044	0.00116	0.083993	1
ENSG00000067057.12	TREATTXTPF-00547659 225mg	Week12	PFKf	protein_coding	chr10	3108525	3179904 +	4827	1835.576	0	0.256162	0.0781	3.279938	0.001161	0.083993	1
ENSG00000196821.5	TREATTXTPF-00547659 75mg	Week12	C6orf106	protein_coding	chr6	34555065	34664636 -	4551	5815.159	0	0.160377	0.048897	3.279909	0.001161	0.083993	1
ENSG00000169914.5	TREATTXTPF-00547659 225mg	Week12	OTUD3	protein_coding	chr1	20209006	20239438 +	6767	472.5182	0	0.412259	0.125697	3.279798	0.001161	0.083993	1
ENSG00000100124.8	TREATTXTPF-00547659 225mg	Week12	ANKRD54	protein_coding	chr22	38226862	38245334 -	4487	550.789	0	0.23242	0.070884	3.278859	0.001165	0.084103	1
ENSG00000171130.13	TREATTXTPF-00547659 225mg	Week12	ATP6VOE2	protein_coding	chr7	149570057	149577784 +	3332	1679.429	0	0.320743	0.097825	3.278754	0.001165	0.084103	1
ENSG00000177963.8	TREATTXTPF-00547659 225mg	Week12	RIC8A	protein_coding	chr11	207511	215113 +	6685	4306.922	0	0.130032	0.039659	3.278747	0.001165	0.084103	1
ENSG00000188389.6	TREATTXTPF-00547659 225mg	Week12	PDCD1	protein_coding	chr2	242792033	242801060 -	2114	330.3768	0	0.413564	0.126153	3.278271	0.001167	0.084128	1
ENSG00000131242.11	TREATTXTPF-00547659 225mg	Week12	RAB11FIP4	protein_coding	chr17	29718642	29865236 +	15384	5811.207	0	0.135591	0.041361	3.278213	0.001167	0.084128	1
ENSG00000198851.5	TREATTXTPF-00547659 75mg	Week12	CD3E	protein_coding	chr11	118175260	118186890 +	2844	17226.31	0	0.322001	0.098234	3.277886	0.001169	0.084159	1
ENSG00000211789.2	TREATTXTPF-00547659 225mg	Week12	TRAV12-2	TR_V_gene	chr14	22356037	22356682 +	445	297.3823	0	0.408688	0.124696	3.277468	0.00117	0.084215	1
ENSG00000085563.10	TREATTXTPF-00547659 75mg	Week12	ABCB1	protein_coding	chr7	87133175	87342611 -	5552	378.8354	0.001105	0.414381	0.126448	3.277079	0.001172	0.084225	1
ENSG00000171603.12	TREATTXTPF-00547659 225mg	Week12	CLSTN1	protein_coding	chr1	9789084	9884584 -	5559	4409.636	0	0.292061	0.089125	3.276989	0.001172	0.084225	1
ENSG00000272983.1	TREATTXTPF-00547659 225mg	Week12	RP11-508f	lincRNA	chr10	38426265	38433327 +	7063	3.790055	0.331492	0.487232	0.148711	3.276375	0.001175	0.084286	1
ENSG00000126251.5	TREATTXTPF-00547659 225mg	Week12	GPR42	protein_coding	chr19	35861831	35863855 +	1854	10.47514	0.145856	-0.61853	0.1888	-3.27612	0.001176	0.084286	1
ENSG00000131242.11	TREATTXTPF-00547659 75mg	Week12	RAB11FIP4	protein_coding	chr17	29718642	29865236 +	15384	5811.207	0	0.131829	0.04024	3.276101	0.001176	0.084286	1
ENSG00000100211.6	TREATTXTPF-00547659 225mg	Week12	CBY1	protein_coding	chr22	39052641	39069859 +	2348	276.0309	0.001105	0.265058	0.080912	3.275894	0.001177	0.084286	1

ENSG00000168067.7	TREATTXTPF-00547659 75mg	Week12	MAP4K2	protein_coding	chr11	64556290	64570713 -	3745	3343.688	0	0.159662	0.048745	3.275458	0.001179	0.084348	1
ENSG00000181035.9	TREATTXTPF-00547659 75mg	Week12	SLC25A42	protein_coding	chr19	19174808	19223697 +	4519	1010.675	0	0.302787	0.092453	3.27505	0.00118	0.084391	1
ENSG00000137700.12	TREATTXTPF-00547659 225mg	Week12	SLC37A4	protein_coding	chr11	118894824	118901616 -	6186	429.1271	0.001105	0.271907	0.083033	3.274688	0.001182	0.084391	1
ENSG00000135749.14	TREATTXTPF-00547659 225mg	Week12	PCNXL2	protein_coding	chr1	233119181	233431459 -	13815	873.4851	0	0.338933	0.103502	3.274644	0.001182	0.084391	1
ENSG00000168411.9	TREATTXTPF-00547659 225mg	Week12	RFWD3	protein_coding	chr16	74655292	74700779 -	6465	1202.466	0	0.243837	0.074472	3.274233	0.001183	0.084446	1
ENSG00000174996.7	TREATTXTPF-00547659 225mg	Week12	KLC2	protein_coding	chr11	66024765	66035331 +	5479	543.0199	0	0.316612	0.096718	3.273576	0.001186	0.084559	1
ENSG00000178252.13	TREATTXTPF-00547659 225mg	Week12	WDR6	protein_coding	chr3	49044495	49053386 +	5304	4732.515	0	0.255553	0.078069	3.273402	0.001187	0.084559	1
ENSG00000260729.1	TREATTXTPF-00547659 225mg	Week12	RP11-106f1	processed_transcript	chr15	72577068	72668322 -	4374	8.738122	0.102762	0.517572	0.158139	3.272889	0.001189	0.084644	1
ENSG00000177000.6	TREATTXTPF-00547659 225mg	Week12	MTHFR	protein_coding	chr1	11845780	11866977 -	10214	2173.698	0	0.234917	0.071792	3.272209	0.001192	0.084669	1
ENSG00000188706.8	TREATTXTPF-00547659 225mg	Week12	ZDHHC9	protein_coding	chrX	128937264	128977885 -	5243	173.5757	0.00221	0.345496	0.10559	3.272055	0.001192	0.084669	1
ENSG00000102053.11	TREATTXTPF-00547659 225mg	Week12	ZC3H12B	protein_coding	chrX	64708615	64727767 +	7256	43.07514	0.01326	0.521396	0.159353	3.271962	0.001193	0.084669	1
ENSG00000260461.1	TREATTXTPF-00547659 225mg	Week12	RP11-541f1	sense_overlapping	chr10	105637132	105639519 -	2388	310.4122	0.001105	0.364661	0.111455	3.271829	0.001193	0.084669	1
ENSG00000101079.16	TREATTXTPF-00547659 75mg	Week12	NRG3	protein_coding	chr20	35280169	35374481 -	3248	2383.371	0	0.161587	0.049393	3.271482	0.001195	0.084669	1
ENSG00000230091.2	TREATTXTPF-00547659 225mg	Week12	TMEM254	antisense	chr10	81806616	81838668 -	3138	29.23204	0.01989	0.565398	0.172829	3.271435	0.001195	0.084669	1
ENSG00000169045.13	TREATTXTPF-00547659 225mg	Week12	HNRNPH1	protein_coding	chr5	179041179	179061785 -	9480	10678.53	0	0.336936	0.103004	3.271091	0.001196	0.084669	1
ENSG00000119866.16	TREATTXTPF-00547659 225mg	Week12	BCL11A	protein_coding	chr2	60678302	60780702 -	8278	605.1613	0	0.317127	0.096974	3.270237	0.0012	0.084669	1
ENSG00000163520.9	TREATTXTPF-00547659 225mg	Week12	FBLN2	protein_coding	chr3	13573824	13679922 +	4996	93.69613	0.005525	0.503662	0.154015	3.270221	0.0012	0.084669	1
ENSG00000141564.9	TREATTXTPF-00547659 225mg	Week12	RPTOR	protein_coding	chr17	78518619	78940171 +	9389	1420.146	0	0.296125	0.090554	3.27014	0.0012	0.084669	1
ENSG00000119138.3	TREATTXTPF-00547659 225mg	Week12	KLF9	protein_coding	chr9	72999503	73029540 -	5185	870.8641	0	0.451771	0.138158	3.269963	0.001201	0.084669	1
ENSG00000163959.5	TREATTXTPF-00547659 75mg	Week12	SLC51A	protein_coding	chr3	195938358	195970049 +	5293	47.49392	0.041989	-0.82377	0.251921	-3.26996	0.001201	0.084669	1
ENSG00000165671.14	TREATTXTPF-00547659 225mg	Week12	NSD1	protein_coding	chr5	176560026	176727216 +	15242	4602.159	0	0.211795	0.06477	3.269957	0.001201	0.084669	1
ENSG00000183337.12	TREATTXTPF-00547659 225mg	Week12	BCOR	protein_coding	chrX	39909068	40036582 -	7642	1435.589	0	0.346179	0.105886	3.269368	0.001203	0.084747	1
ENSG00000167110.12	TREATTXTPF-00547659 225mg	Week12	GOLGA2	protein_coding	chr9	131018108	131038274 -	6961	1943.2	0	0.158928	0.048621	3.268704	0.001206	0.084747	1
ENSG00000108262.11	TREATTXTPF-00547659 225mg	Week12	GIT1	protein_coding	chr17	27900487	27921072 -	5635	3171.527	0	0.213888	0.065438	3.268562	0.001207	0.084747	1
ENSG00000103264.11	TREATTXTPF-00547659 225mg	Week12	FBXO31	protein_coding	chr16	87360593	87425748 -	6810	1143.398	0	0.273225	0.083601	3.268189	0.001208	0.084747	1
ENSG00000223704.1	TREATTXTPF-00547659 225mg	Week12	RP1-90L6.1	lincRNA	chr22	27254597	27261749 +	6043	87.48619	0.007735	0.498366	0.15249	3.268186	0.001208	0.084747	1
ENSG00000122085.12	TREATTXTPF-00547659 225mg	Week12	MTERFD2	protein_coding	chr2	242011584	242041747 -	9938	1985.191	0	0.304765	0.093259	3.267931	0.001209	0.084747	1
ENSG00000102910.9	TREATTXTPF-00547659 225mg	Week12	LONP2	protein_coding	chr16	48278207	48397033 +	9957	3007.403	0	0.260597	0.079746	3.267821	0.00121	0.084747	1
ENSG00000198026.6	TREATTXTPF-00547659 225mg	Week12	ZNF335	protein_coding	chr20	44577292	44600833 -	7543	2813.775	0	0.199059	0.060916	3.267763	0.00121	0.084747	1
ENSG00000141456.10	TREATTXTPF-00547659 225mg	Week12	PELP1	protein_coding	chr17	4574679	4607632 -	4967	1704.233	0	0.276185	0.084521	3.267636	0.00121	0.084747	1
ENSG00000198056.9	TREATTXTPF-00547659 225mg	Week12	PRIM1	protein_coding	chr12	57125380	57146157 -	2437	235.2906	0.00221	0.391917	0.119944	3.267515	0.001211	0.084747	1
ENSG00000116525.9	TREATTXTPF-00547659 225mg	Week12	TRIM62	protein_coding	chr1	33611003	33647660 -	3646	842.1867	0	0.200465	0.061359	3.267104	0.001213	0.084803	1
ENSG00000065618.12	TREATTXTPF-00547659 75mg	Week12	COL17A1	protein_coding	chr10	105791044	105845760 -	6426	81.45856	0.026519	-0.76634	0.234579	-3.26685	0.001214	0.084814	1
ENSG00000182866.12	TREATTXTPF-00547659 75mg	Week12	LCK	protein_coding	chr1	32716840	32751766 +	3337	9265.387	0	0.322983	0.098888	3.266139	0.001217	0.084844	1
ENSG00000204209.6	TREATTXTPF-00547659 75mg	Week12	DAXX	protein_coding	chr6	33286335	33297046 -	3662	4215.895	0	0.167962	0.051425	3.266131	0.001217	0.084844	1
ENSG00000021645.13	TREATTXTPF-00547659 7.5mg	Week12	NRXN3	protein_coding	chr14	78708734	80330762 +	11335	2.18674	0.633149	-0.44445	0.13608	-3.2661	0.001217	0.084844	1
ENSG00000092068.14	TREATTXTPF-00547659 75mg	Week12	SLC7A8	protein_coding	chr14	23594504	23652883 -	5942	181.0641	0.001105	0.4338	0.132835	3.265707	0.001218	0.084895	1
ENSG00000120915.9	TREATTXTPF-00547659 225mg	Week12	EPHX2	protein_coding	chr8	27348296	27403081 +	4473	797.2055	0	0.402363	0.123223	3.265318	0.00122	0.084945	1
ENSG00000172006.7	TREATTXTPF-00547659 225mg	Week12	ZNF554	protein_coding	chr19	2819872	2835771 +	4685	189.9812	0.001105	0.364917	0.111764	3.265052	0.001221	0.08496	1
ENSG00000143258.11	TREATTXTPF-00547659 225mg	Week12	USP21	protein_coding	chr5	161129240	161135513 +	3764	1345.789	0	0.200257	0.061342	3.264597	0.001223	0.084981	1
ENSG00000011304.12	TREATTXTPF-00547659 225mg	Week12	PTBP1	protein_coding	chr19	797075	812327 +	6969	8882.601	0	0.205285	0.062886	3.264419	0.001224	0.084981	1
ENSG00000232021.2	TREATTXTPF-00547659 225mg	Week12	LEF1-AS1	processed_transcript	chr4	109088681	109177992 +	4799	88.06077	0.00442	0.520853	0.159559	3.264334	0.001224	0.084981	1
ENSG00000083635.7	TREATTXTPF-00547659 225mg	Week12	NUFIP1	protein_coding	chr13	45513384	45563618 -	3492	170.0387	0.00221	0.326904	0.100163	3.26373	0.001227	0.085087	1
ENSG00000066117.10	TREATTXTPF-00547659 75mg	Week12	SMARCD1	protein_coding	chr12	50478755	50494495 +	5136	2776.624	0	0.192529	0.058994	3.263539	0.001227	0.085087	1
ENSG00000260879.1	TREATTXTPF-00547659 7.5mg	Week12	RP11-483l1	antisense	chr1	108742548	108744113 +	1566	18.14033	0.027624	0.534139	0.1637	3.262904	0.00123	0.085209	1
ENSG00000102606.13	TREATTXTPF-00547659 225mg	Week12	ARHGEF7	protein_coding	chr13	111766906	111958084 +	11336	2274.354	0	0.230787	0.070737	3.262593	0.001231	0.08522	1
ENSG00000187091.9	TREATTXTPF-00547659 75mg	Week12	PLCD1	protein_coding	chr3	38048987	38071253 -	4314	899.4917	0	0.220008	0.067443	3.262121	0.001233	0.08522	1
ENSG00000182183.10	TREATTXTPF-00547659 225mg	Week12	FAM159A	protein_coding	chr1	53099016	53135355 +	2508	366.7845	0.001105	0.346438	0.106205	3.261968	0.001234	0.08522	1
ENSG00000179562.2	TREATTXTPF-00547659 225mg	Week12	GCC1	protein_coding	chr7	127220672	127233665 -	4987	2379.685	0	0.157754	0.048362	3.261951	0.001234	0.08522	1
ENSG00000071626.12	TREATTXTPF-00547659 225mg	Week12	DAZAP1	protein_coding	chr19	1407568	1435719 +	9272	4544.341	0	0.223837	0.068626	3.261676	0.001235	0.08522	1
ENSG00000156304.10	TREATTXTPF-00547659 225mg	Week12	SCAF4	protein_coding	chr21	33043346	33104388 -	5901	2044.624	0	0.234297	0.071835	3.261582	0.001236	0.08522	1
ENSG00000187554.7	TREATTXTPF-00547659 75mg	Week12	TLR5	protein_coding	chr1	223282748	223316624 -	4651	3011.295	0	-0.38553	0.118228	-3.26094	0.001238	0.085251	1
ENSG00000139626.11	TREATTXTPF-00547659 225mg	Week12	ITGB7	protein_coding	chr12	53585102	53601091 -	4481	6900.704	0	0.313988	0.096303	3.260427	0.00124	0.085251	1

ENSG00000145982.7	TREATTXTPF-00547659 225mg	Week12	FARS2	protein_coding	chr6	5261277	5771813 +	2351	398.1923	0	0.253893	0.077874	3.260317	0.001241	0.085251	1
ENSG00000159202.13	TREATTXTPF-00547659 225mg	Week12	UBE2Z	protein_coding	chr17	46985731	47006418 +	5753	4334.242	0	0.173643	0.053262	3.260181	0.001242	0.085251	1
ENSG00000174807.3	TREATTXTPF-00547659 225mg	Week12	CD248	protein_coding	chr11	66081958	66084515 -	2558	277.3006	0.003315	0.454327	0.139398	3.259211	0.001246	0.085251	1
ENSG00000103343.8	TREATTXTPF-00547659 75mg	Week12	ZNF174	protein_coding	chr16	3451235	3459370 +	2876	491.3448	0	0.183124	0.056189	3.259057	0.001246	0.085251	1
ENSG00000147316.8	TREATTXTPF-00547659 225mg	Week12	MCPH1	protein_coding	chr8	6264113	6501144 +	4894	537.6685	0	0.292014	0.089605	3.258909	0.001247	0.085251	1
ENSG00000126790.7	TREATTXTPF-00547659 225mg	Week12	L3HYPDH	protein_coding	chr14	59927081	59951148 -	3504	220.0221	0.003315	0.437032	0.134105	3.258884	0.001247	0.085251	1
ENSG00000049618.17	TREATTXTPF-00547659 225mg	Week12	ARID1B	protein_coding	chr6	157099063	157531913 +	16334	2542.033	0	0.295509	0.090683	3.258715	0.001248	0.085251	1
ENSG00000154767.10	TREATTXTPF-00547659 225mg	Week12	XPC	protein_coding	chr3	14186647	14220283 -	4798	3765.66	0	0.184653	0.056668	3.258523	0.001249	0.085251	1
ENSG00000168209.4	TREATTXTPF-00547659 225mg	Week12	DDIT4	protein_coding	chr10	74033678	74035794 +	2058	2002.271	0	0.419717	0.128806	3.258519	0.001249	0.085251	1
ENSG00000116478.7	TREATTXTPF-00547659 225mg	Week12	HDAC1	protein_coding	chr1	32757687	32799236 +	4009	6182.453	0	0.187597	0.057572	3.258482	0.001249	0.085251	1
ENSG00000112640.10	TREATTXTPF-00547659 75mg	Week12	PPP2R5D	protein_coding	chr6	42952237	42980080 +	3314	2271.371	0	0.178248	0.054706	3.258278	0.00125	0.085251	1
ENSG00000142230.7	TREATTXTPF-00547659 225mg	Week12	SAE1	protein_coding	chr19	47616531	47713886 +	3389	2147.844	0	0.218413	0.067033	3.258273	0.00125	0.085251	1
ENSG00000231074.4	TREATTXTPF-00547659 225mg	Week12	HCG18	antisense	chr6	30255174	30294927 -	13918	997.8066	0	0.298043	0.091474	3.258219	0.00125	0.085251	1
ENSG00000163687.9	TREATTXTPF-00547659 225mg	Week12	DNASE1L3	protein_coding	chr3	58177984	58200424 -	3148	40.36685	0.032044	0.598966	0.183841	3.258074	0.00125	0.085251	1
ENSG00000147130.10	TREATTXTPF-00547659 225mg	Week12	MYM3	protein_coding	chrX	70459474	70474996 -	6916	1153.827	0	0.298551	0.091656	3.257311	0.001254	0.085315	1
ENSG00000185875.8	TREATTXTPF-00547659 225mg	Week12	THNSL1	protein_coding	chr10	25305587	25315593 +	3788	182.7834	0.00221	0.429735	0.131938	3.257091	0.001255	0.085315	1
ENSG00000236609.3	TREATTXTPF-00547659 225mg	Week12	ZNF853	protein_coding	chr7	6655248	6663921 +	3857	260.8884	0.001105	0.334724	0.102768	3.257073	0.001255	0.085315	1
ENSG00000214999.3	TREATTXTPF-00547659 225mg	Week12	AC129492	protein_coding	chr17	7982800	7984883 +	1804	56.3989	0.00884	0.45677	0.140243	3.257001	0.001255	0.085315	1
ENSG00000104176.9	TREATTXTPF-00547659 225mg	Week12	SYT15	protein_coding	chr10	46955444	46971400 -	7158	4.665193	0.311602	0.524884	0.161166	3.256799	0.001256	0.085315	1
ENSG00000103723.8	TREATTXTPF-00547659 22.5mg	Week12	AP3B2	protein_coding	chr15	83328033	83378666 -	7514	160.9602	0.01326	-0.78973	0.242529	-3.25622	0.001258	0.085366	1
ENSG00000131323.10	TREATTXTPF-00547659 225mg	Week12	TRAF3	protein_coding	chr14	103243813	103377837 +	8263	2041.055	0	0.274656	0.084348	3.256205	0.001258	0.085366	1
ENSG00000196581.6	TREATTXTPF-00547659 225mg	Week12	AJAP1	protein_coding	chr1	4714792	4852594 +	12405	38.62431	0.069613	0.657208	0.20185	3.25592	0.00126	0.085382	1
ENSG00000109685.13	TREATTXTPF-00547659 225mg	Week12	WHSC1	protein_coding	chr4	1873151	1983934 +	19776	1442.506	0	0.285021	0.087546	3.255668	0.001261	0.085382	1
ENSG00000163050.12	TREATTXTPF-00547659 75mg	Week12	ADCK3	protein_coding	chr1	227085237	227175246 +	7797	3322.962	0	0.193492	0.059435	3.255517	0.001261	0.085382	1
ENSG00000211785.1	TREATTXTPF-00547659 75mg	Week12	TRAV12-1	TR_V_gene	chr14	22309422	22309956 +	340	201.0718	0.00221	0.485249	0.149099	3.254535	0.001266	0.085607	1
ENSG00000178719.12	TREATTXTPF-00547659 225mg	Week12	GRINA	protein_coding	chr8	145064226	145067583 +	2527	18478.83	0	-0.32117	0.098699	-3.25403	0.001268	0.085686	1
ENSG00000106695.10	TREATTXTPF-00547659 225mg	Week12	VPS11	protein_coding	chr11	118938403	118952688 +	5906	2833.44	0	0.194122	0.059669	3.253308	0.001271	0.085686	1
ENSG00000129277.9	TREATTXTPF-00547659 75mg	Week12	CCL4	protein_coding	chr17	34430983	34433014 +	2032	796.295	0	0.384217	0.118101	3.253285	0.001271	0.085686	1
ENSG00000146904.4	TREATTXTPF-00547659 225mg	Week12	EPHA1	protein_coding	chr7	143087382	143105985 -	4733	468.9691	0	0.37189	0.114312	3.253279	0.001271	0.085686	1
ENSG00000133226.12	TREATTXTPF-00547659 225mg	Week12	SRRM1	protein_coding	chr1	24958207	24999758 +	8168	3639.914	0	0.263564	0.081016	3.253217	0.001271	0.085686	1
ENSG00000211797.2	TREATTXTPF-00547659 75mg	Week12	TRAV17	TR_V_gene	chr14	22465778	22466407 +	484	206.5215	0.003315	0.439821	0.135217	3.252714	0.001273	0.085771	1
ENSG00000123119.7	TREATTXTPF-00547659 22.5mg	Week12	NECAB1	protein_coding	chr8	91803778	91971636 +	6408	22.03094	0.475138	-0.96728	0.297468	-3.25171	0.001278	0.086003	1
ENSG0000011523.9	TREATTXTPF-00547659 225mg	Week12	CEP68	protein_coding	chr2	65283500	65314138 +	8623	944.9061	0	0.334231	0.102845	3.249839	0.001286	0.086279	1
ENSG00000151846.7	TREATTXTPF-00547659 225mg	Week12	PABPC3	protein_coding	chr13	25670300	25673389 +	3090	76.15249	0.001105	0.4264	0.131209	3.249786	0.001286	0.086279	1
ENSG00000090470.10	TREATTXTPF-00547659 225mg	Week12	PDCD7	protein_coding	chr15	65409717	65426174 -	3263	876.0409	0	0.288579	0.0888	3.249767	0.001286	0.086279	1
ENSG00000203288.3	TREATTXTPF-00547659 225mg	Week12	RP11-98D	antisense	chr1	151763280	151766878 +	1141	22.72376	0.023204	0.498898	0.153522	3.249686	0.001287	0.086279	1
ENSG00000054611.9	TREATTXTPF-00547659 225mg	Week12	TBC1D22A	protein_coding	chr22	47158518	47571336 +	5305	2824.087	0	0.139948	0.043065	3.24967	0.001287	0.086279	1
ENSG00000205903.2	TREATTXTPF-00547659 225mg	Week12	ZNF316	pseudogene	chr7	6676953	6694242 +	3571	1162.039	0	0.306045	0.094182	3.249516	0.001287	0.086279	1
ENSG00000221978.7	TREATTXTPF-00547659 225mg	Week12	CENL2	protein_coding	chr1	1321091	1334708 -	6835	5285.983	0	0.240511	0.074034	3.248648	0.001291	0.086472	1
ENSG00000091490.6	TREATTXTPF-00547659 225mg	Week12	SELLL3	protein_coding	chr4	25749055	25865382 -	7483	3583.697	0	0.312106	0.096094	3.247934	0.001294	0.086485	1
ENSG00000261773.1	TREATTXTPF-00547659 225mg	Week12	WI2-8903	sense_overlapping	chrX	153746164	153746955 -	792	7.21768	0.112707	0.489243	0.150634	3.247885	0.001295	0.086485	1
ENSG00000131797.8	TREATTXTPF-00547659 225mg	Week12	CLUHP3	pseudogene	chr16	31711911	31721097 +	4025	532.8961	0.001105	0.480243	0.147867	3.247811	0.001295	0.086485	1
ENSG00000114812.8	TREATTXTPF-00547659 225mg	Week12	VIPR1	protein_coding	chr3	42530791	42579059 +	7378	1531.134	0	0.275709	0.084899	3.24751	0.001296	0.086485	1
ENSG00000232842.2	TREATTXTPF-00547659 225mg	Week12	RP5-961K1	pseudogene	chrX	95228327	95229314 -	988	2.550276	0.472928	0.438389	0.134999	3.247359	0.001297	0.086485	1
ENSG00000125755.14	TREATTXTPF-00547659 225mg	Week12	SYMPK	protein_coding	chr19	46318668	46366548 -	10628	3956.559	0	0.199855	0.061548	3.247171	0.001298	0.086485	1
ENSG0000021300.9	TREATTXTPF-00547659 225mg	Week12	PLEKHB1	protein_coding	chr11	73357223	73373864 +	4933	992.0475	0	0.380894	0.117301	3.247152	0.001298	0.086485	1
ENSG00000258301.2	TREATTXTPF-00547659 225mg	Week12	RP11-488C	lincRNA	chr14	77248083	77253067 -	1836	329.8939	0	0.287063	0.088419	3.246626	0.0013	0.086507	1
ENSG00000089057.10	TREATTXTPF-00547659 225mg	Week12	SLC23A2	protein_coding	chr20	4833002	4990939 -	7523	2129.916	0	0.30841	0.094996	3.246549	0.0013	0.086507	1
ENSG00000137310.7	TREATTXTPF-00547659 225mg	Week12	TCF19	protein_coding	chr6	31126319	31134936 +	3538	434.5757	0	0.289626	0.089213	3.246457	0.001301	0.086507	1
ENSG00000105519.8	TREATTXTPF-00547659 225mg	Week12	CAPS	protein_coding	chr19	5911718	5915888 +	4097	1436.64	0	0.266528	0.082114	3.245848	0.001304	0.086625	1
ENSG00000154016.9	TREATTXTPF-00547659 225mg	Week12	GRAP	protein_coding	chr17	18923986	18950950 -	3107	2279.72	0	0.333897	0.102881	3.245454	0.001305	0.086668	1
ENSG00000179364.9	TREATTXTPF-00547659 225mg	Week12	PACS2	protein_coding	chr14	105766900	105864484 +	12363	1789.146	0	0.247489	0.076268	3.244989	0.001307	0.086724	1
ENSG00000272057.1	TREATTXTPF-00547659 7.5mg	Week12	CTB-40H1	lincRNA	chr5	14872441	14872822 +	382	1.228729	0.704972	-0.35031	0.107959	-3.24489	0.001308	0.086724	1

ENSG00000012124.10	TREATTXTPF-00547659 75mg	Week12	CD22	protein_coding	chr19	35810164	35838258 +	5839	2954.065	0	0.372591	0.114833	3.244464	0.001309	0.086725	1
ENSG00000089597.12	TREATTXTPF-00547659 225mg	Week12	GANAB	protein_coding	chr11	62392298	62414104 -	4933	9047.098	0	0.202765	0.062496	3.244474	0.00131	0.086725	1
ENSG00000204946.5	TREATTXTPF-00547659 225mg	Week12	ZNF783	protein_coding	chr7	148959262	148994393 +	7170	1177.158	0	0.278774	0.085937	3.243942	0.001312	0.086822	1
ENSG00000105227.10	TREATTXTPF-00547659 225mg	Week12	PRX	protein_coding	chr19	40899675	40919273 -	5767	189.979	0	0.327859	0.101077	3.243642	0.001313	0.086849	1
ENSG00000130816.10	TREATTXTPF-00547659 225mg	Week12	DNMT1	protein_coding	chr19	10244021	10341962 -	9805	3211.509	0	0.29935	0.092301	3.243181	0.001315	0.086891	1
ENSG00000166669.9	TREATTXTPF-00547659 225mg	Week12	ATF7IP2	protein_coding	chr16	10420291	10577495 +	6391	572.7381	0	0.335758	0.103532	3.243047	0.001316	0.086891	1
ENSG00000103723.8	TREATTXTPF-00547659 75mg	Week12	AP3B2	protein_coding	chr15	83328033	83378666 -	7514	160.9602	0.01326	-0.77639	0.23942	-3.24281	0.001317	0.086891	1
ENSG00000235944.3	TREATTXTPF-00547659 225mg	Week12	ZNF815P	pseudogene	chr7	5862791	5894066 +	3325	355.4829	0.001105	0.315231	0.097214	3.242655	0.001318	0.086891	1
ENSG00000176472.6	TREATTXTPF-00547659 225mg	Week12	ZNF575	protein_coding	chr19	44029649	44040282 +	3222	136.3823	0.00221	0.314162	0.096889	3.242475	0.001318	0.086891	1
ENSG00000198589.6	TREATTXTPF-00547659 225mg	Week12	LRBA	protein_coding	chr4	151185594	151936879 -	15018	1524.032	0	0.340461	0.105013	3.242097	0.00132	0.086942	1
ENSG00000266408.1	TREATTXTPF-00547659 225mg	Week12	AL122127.	miRNA	chr14	106324723	106324792 -	70	63.35801	0.01326	0.608785	0.187797	3.241722	0.001322	0.086976	1
ENSG00000119720.13	TREATTXTPF-00547659 225mg	Week12	NRDE2	protein_coding	chr14	90742580	90798481 -	6777	872.7657	0	0.146552	0.045211	3.241485	0.001323	0.086976	1
ENSG00000111716.8	TREATTXTPF-00547659 225mg	Week12	LDHB	protein_coding	chr12	21788276	21910791 -	2983	12060.28	0	0.316697	0.097707	3.241278	0.001324	0.086976	1
ENSG00000182979.13	TREATTXTPF-00547659 225mg	Week12	MTA1	protein_coding	chr14	105886159	105937066 +	6964	1836.579	0	0.266017	0.082074	3.241163	0.001324	0.086976	1
ENSG00000138794.5	TREATTXTPF-00547659 225mg	Week12	CASP6	protein_coding	chr4	110609785	110624739 -	1936	330.7293	0	0.270847	0.083576	3.240747	0.001326	0.087038	1
ENSG00000136891.9	TREATTXTPF-00547659 225mg	Week12	TEX10	protein_coding	chr9	103064359	103115221 -	7628	647.558	0	0.271597	0.083822	3.240173	0.001329	0.087075	1
ENSG00000261777.1	TREATTXTPF-00547659 225mg	Week12	RP11-529f	processed_transcript	chr16	70349543	70380650 -	1508	9.534807	0.085083	0.493397	0.15228	3.240066	0.001329	0.087075	1
ENSG00000260719.1	TREATTXTPF-00547659 225mg	Week12	AC009133	antisense	chr16	29756568	29759620 +	1656	226.021	0.001105	0.432824	0.133587	3.240009	0.00133	0.087075	1
ENSG00000105088.4	TREATTXTPF-00547659 225mg	Week12	TREATTXTPF-00547659	protein_coding	chr19	9964394	10047228 -	2500	470.3657	0	0.304383	0.093958	3.239563	0.001332	0.087146	1
ENSG00000100353.13	TREATTXTPF-00547659 225mg	Week12	EIF3D	protein_coding	chr22	36906897	36925483 -	4070	9515.846	0	0.195538	0.060372	3.238896	0.001335	0.087186	1
ENSG00000108669.12	TREATTXTPF-00547659 225mg	Week12	CYTH1	protein_coding	chr17	76670130	76778379 -	7754	20095.6	0	0.176685	0.054556	3.238611	0.001336	0.087186	1
ENSG00000197363.5	TREATTXTPF-00547659 225mg	Week12	ZNF517	protein_coding	chr8	146024261	146036554 +	5308	293.4829	0	0.265073	0.081848	3.238594	0.001336	0.087186	1
ENSG00000101040.15	TREATTXTPF-00547659 225mg	Week12	ZMYND8	protein_coding	chr20	45837859	45985567 -	7684	1650.103	0	0.207514	0.064077	3.238519	0.001336	0.087186	1
ENSG00000263072.1	TREATTXTPF-00547659 225mg	Week12	RP11-473f	antisense	chr16	3166043	3184883 -	3276	326.4254	0	0.277182	0.085592	3.238394	0.001337	0.087186	1
ENSG00000154027.14	TREATTXTPF-00547659 225mg	Week12	AK5	protein_coding	chr1	77747736	78025651 +	6916	337.9669	0.001105	0.424209	0.131001	3.238199	0.001338	0.087186	1
ENSG00000137478.10	TREATTXTPF-00547659 225mg	Week12	FCHSD2	protein_coding	chr11	72547790	72853306 -	5188	3080.79	0	0.234976	0.072571	3.23785	0.001339	0.087186	1
ENSG00000198286.5	TREATTXTPF-00547659 75mg	Week12	CARD11	protein_coding	chr7	2945775	3083579 -	4707	4237.683	0	0.304164	0.093941	3.237803	0.00134	0.087186	1
ENSG00000242028.1	TREATTXTPF-00547659 225mg	Week12	HYPK	protein_coding	chr15	44088340	44095241 +	6393	161.0541	0.003315	0.399071	0.123286	3.236968	0.001343	0.087373	1
ENSG00000169877.5	TREATTXTPF-00547659 225mg	Week12	AHSP	protein_coding	chr16	31539185	31540124 +	562	2309.464	0	-0.70491	0.217845	-3.23584	0.001348	0.087646	1
ENSG00000198910.8	TREATTXTPF-00547659 225mg	Week12	L1CAM	protein_coding	chrX	153126969	153174677 -	7443	40.5989	0.007735	0.446118	0.137902	3.235036	0.001352	0.087739	1
ENSG00000167633.12	TREATTXTPF-00547659 75mg	Week12	KIR3DL1	protein_coding	chr19	55235969	55378448 +	2568	221.1845	0.00221	0.539526	0.166789	3.234769	0.001353	0.087739	1
ENSG00000178093.12	TREATTXTPF-00547659 225mg	Week12	TSSK6	protein_coding	chr19	19623227	19626838 -	2516	162.5724	0	0.299311	0.092533	3.23465	0.001354	0.087739	1
ENSG00000163399.11	TREATTXTPF-00547659 225mg	Week12	ATP1A1	protein_coding	chr1	116915290	116952883 +	7261	11338.57	0	0.248635	0.076871	3.234426	0.001355	0.087739	1
ENSG00000127481.10	TREATTXTPF-00547659 225mg	Week12	UBR4	protein_coding	chr1	19401000	19536770 -	24695	6543.962	0	0.184976	0.057191	3.234357	0.001355	0.087739	1
ENSG00000110660.10	TREATTXTPF-00547659 225mg	Week12	SLC35F2	protein_coding	chr11	107661717	107799019 -	3717	218.2652	0.001105	0.414462	0.128145	3.234317	0.001355	0.087739	1
ENSG00000090924.10	TREATTXTPF-00547659 225mg	Week12	PLEKHG2	protein_coding	chr19	39903225	39919054 +	9199	879.3359	0	0.308598	0.095422	3.23405	0.001357	0.087758	1
ENSG00000144043.7	TREATTXTPF-00547659 225mg	Week12	TEX261	protein_coding	chr2	71213068	71222075 -	4260	3222.189	0	0.163412	0.050537	3.233541	0.001359	0.08785	1
ENSG00000160803.7	TREATTXTPF-00547659 225mg	Week12	UBQLN4	protein_coding	chr1	156005092	156023585 -	3878	1315.456	0	0.261254	0.080808	3.233021	0.001361	0.08793	1
ENSG00000101224.13	TREATTXTPF-00547659 75mg	Week12	CDC25B	protein_coding	chr20	3767578	3786762 +	4149	7696.788	0	0.326224	0.100908	3.232867	0.001362	0.08793	1
ENSG00000126870.11	TREATTXTPF-00547659 225mg	Week12	WDR60	protein_coding	chr7	158649269	158749438 +	6667	273.7425	0.001105	0.342974	0.106111	3.23223	0.001365	0.088021	1
ENSG00000167778.4	TREATTXTPF-00547659 225mg	Week12	SPRYD3	protein_coding	chr12	53458388	53473204 -	3191	3001.37	0	0.166499	0.051518	3.231847	0.001367	0.088021	1
ENSG00000189114.6	TREATTXTPF-00547659 225mg	Week12	BLOC1S3	protein_coding	chr19	45682003	45685059 +	2666	1520.355	0	0.160219	0.049576	3.231767	0.001367	0.088021	1
ENSG00000225828.1	TREATTXTPF-00547659 225mg	Week12	FAM229A	protein_coding	chr1	32826871	32829879 -	2845	830.547	0	0.241525	0.074736	3.231724	0.001367	0.088021	1
ENSG00000197037.6	TREATTXTPF-00547659 225mg	Week12	ZSCAN25	protein_coding	chr7	99214569	99230030 +	7094	742.7812	0	0.252896	0.078258	3.231553	0.001368	0.088021	1
ENSG00000127526.9	TREATTXTPF-00547659 225mg	Week12	SLC35E1	protein_coding	chr19	16660642	16683193 -	7257	2145.928	0	0.167306	0.05178	3.231102	0.00137	0.088021	1
ENSG00000172053.10	TREATTXTPF-00547659 225mg	Week12	QARS	protein_coding	chr3	49133365	49142553 -	4576	6965.223	0	0.207145	0.064111	3.231056	0.00137	0.088021	1
ENSG00000186017.10	TREATTXTPF-00547659 225mg	Week12	ZNF566	protein_coding	chr19	36936021	36980804 -	6481	192.1912	0.001105	0.439115	0.135911	3.230898	0.001371	0.088021	1
ENSG00000182109.3	TREATTXTPF-00547659 225mg	Week12	RP11-69E1	antisense	chr1	39987952	40011859 -	3059	226.6265	0.001105	0.353027	0.109276	3.230606	0.001373	0.088021	1
ENSG00000117868.11	TREATTXTPF-00547659 225mg	Week12	ESYT2	protein_coding	chr7	158523686	158622944 -	7094	4308.503	0	0.28708	0.088864	3.230554	0.001373	0.088021	1
ENSG00000061936.5	TREATTXTPF-00547659 225mg	Week12	SFSWAP	protein_coding	chr12	132195626	132284282 +	10157	2454.543	0	0.157958	0.048898	3.230328	0.001374	0.088029	1
ENSG00000104689.5	TREATTXTPF-00547659 225mg	Week12	TNFRSF10.	protein_coding	chr8	23047965	23082639 -	2951	554.5017	0	0.346893	0.107394	3.230091	0.001375	0.08804	1
ENSG00000118971.3	TREATTXTPF-00547659 225mg	Week12	CCND2	protein_coding	chr12	4382938	4414516 +	7157	4197.667	0	0.29535	0.091453	3.229518	0.001378	0.088107	1
ENSG00000140743.3	TREATTXTPF-00547659 75mg	Week12	CDR2	protein_coding	chr16	22357257	22448486 -	3948	1284.038	0	0.324943	0.100624	3.229268	0.001379	0.088107	1

ENSG00000160856.16	TREATTXTPF-00547659 225mg	Week12	FCRL3	protein_coding	chr1	157644111	157670647 -	6538	1733.614	0	0.380266	0.117756	3.229265	0.001379	0.088107	1
ENSG00000141524.11	TREATTXTPF-00547659 225mg	Week12	TM6C	protein_coding	chr17	76106539	76128488 -	8669	8644.362	0	0.238185	0.073777	3.22844	0.001383	0.088294	1
ENSG00000173114.8	TREATTXTPF-00547659 225mg	Week12	LRRN3	protein_coding	chr7	110731062	110765510 +	3875	384.6221	0.001105	0.557324	0.172698	3.227154	0.001389	0.088496	1
ENSG00000106948.12	TREATTXTPF-00547659 225mg	Week12	AKNA	protein_coding	chr9	117096436	117156685 -	10601	36421.52	0	0.162638	0.050398	3.227008	0.001389	0.088496	1
ENSG00000125630.11	TREATTXTPF-00547659 225mg	Week12	POLR1B	protein_coding	chr2	113299492	113334635 +	6237	888.1414	0	0.297994	0.092344	3.227001	0.001389	0.088496	1
ENSG00000144036.10	TREATTXTPF-00547659 225mg	Week12	EXOC6B	protein_coding	chr2	72403113	73053170 -	10185	317.7193	0	0.308889	0.095726	3.226814	0.00139	0.088496	1
ENSG00000165138.12	TREATTXTPF-00547659 225mg	Week12	ANKS6	protein_coding	chr9	101493611	101559247 -	8804	355.5061	0.001105	0.362918	0.112471	3.226768	0.00139	0.088496	1
ENSG00000259407.1	TREATTXTPF-00547659 225mg	Week12	RP11-158H	antisense	chr15	86287340	86293512 -	964	9.61547	0.117127	0.549716	0.170397	3.226082	0.001394	0.088641	1
ENSG00000170128.2	TREATTXTPF-00547659 75mg	Week12	GPR25	protein_coding	chr1	200842083	200843306 +	1224	124.6243	0.003315	0.463219	0.1436	3.225761	0.001395	0.088664	1
ENSG00000168883.15	TREATTXTPF-00547659 225mg	Week12	USP39	protein_coding	chr2	85829979	85876403 +	3950	2456.758	0	0.151799	0.047061	3.225611	0.001396	0.088664	1
ENSG00000241657.1	TREATTXTPF-00547659 75mg	Week12	TRBV11-2	lincRNA	chr7	142197570	142198069 -	408	169.2011	0.001105	0.414295	0.128451	3.225319	0.001397	0.088692	1
ENSG00000196313.7	TREATTXTPF-00547659 225mg	Week12	POM121	protein_coding	chr7	72349936	72421979 +	9818	2260.602	0	0.23825	0.073877	3.224965	0.001399	0.088738	1
ENSG00000087085.9	TREATTXTPF-00547659 225mg	Week12	ACHE	protein_coding	chr7	100487615	100494594 -	3730	115.8519	0.007735	-0.77335	0.239816	-3.22477	0.0014	0.088738	1
ENSG00000108557.13	TREATTXTPF-00547659 225mg	Week12	RAI1	protein_coding	chr17	17584787	17714767 +	9696	865.5149	0	0.310211	0.096208	3.224375	0.001402	0.088779	1
ENSG00000125084.7	TREATTXTPF-00547659 225mg	Week12	WNT1	protein_coding	chr12	49372398	49375459 +	1185	18.53591	0.025414	0.5031	0.156037	3.224234	0.001402	0.088779	1
ENSG00000250687.2	TREATTXTPF-00547659 225mg	Week12	RP11-497H	pseudogene	chr5	69758071	69775042 +	1104	137.8464	0.003315	-0.48325	0.149911	-3.2236	0.001405	0.088873	1
ENSG00000052841.10	TREATTXTPF-00547659 225mg	Week12	TTC17	protein_coding	chr11	43380482	43516483 +	11284	2968.246	0	0.2233	0.069274	3.223442	0.001406	0.088873	1
ENSG00000185104.15	TREATTXTPF-00547659 225mg	Week12	FAF1	protein_coding	chr1	50905150	51425935 -	5263	1114.735	0	0.22905	0.071065	3.223121	0.001408	0.088873	1
ENSG00000273290.1	TREATTXTPF-00547659 225mg	Week12	CTC-297N	lincRNA	chr17	10575791	10579423 -	3533	477.5381	0.001105	0.303537	0.094179	3.222992	0.001408	0.088873	1
ENSG00000100453.8	TREATTXTPF-00547659 75mg	Week12	GZMB	protein_coding	chr14	25100160	25103473 -	1408	3166.809	0	0.407209	0.126356	3.222722	0.00141	0.088873	1
ENSG00000153395.5	TREATTXTPF-00547659 75mg	Week12	LPCAT1	protein_coding	chr5	1456595	1524092 -	6494	9580.053	0	0.170157	0.052803	3.22252	0.001411	0.088873	1
ENSG00000185252.13	TREATTXTPF-00547659 225mg	Week12	ZNF74	protein_coding	chr22	20748405	20762745 +	6245	429.1293	0	0.293112	0.090958	3.22249	0.001411	0.088873	1
ENSG00000156510.11	TREATTXTPF-00547659 225mg	Week12	HKDC1	protein_coding	chr10	70980059	71027315 +	4308	227.7171	0.001105	0.398881	0.123802	3.221929	0.001413	0.088873	1
ENSG00000137070.13	TREATTXTPF-00547659 225mg	Week12	IL11RA	protein_coding	chr9	34650699	34661889 +	4271	1118.883	0	0.371644	0.115354	3.221759	0.001414	0.088873	1
ENSG00000186265.5	TREATTXTPF-00547659 225mg	Week12	BTLA	protein_coding	chr3	112182815	112218408 -	3697	540.7602	0.001105	0.475004	0.147444	3.221586	0.001415	0.088873	1
ENSG00000056558.6	TREATTXTPF-00547659 225mg	Week12	TRAF1	protein_coding	chr9	123664671	123691451 -	6449	3235.334	0	0.372931	0.115762	3.221536	0.001415	0.088873	1
ENSG00000063180.4	TREATTXTPF-00547659 225mg	Week12	CA11	protein_coding	chr19	49141199	49149569 -	2075	211.2862	0.001105	0.351537	0.109123	3.221475	0.001415	0.088873	1
ENSG00000085998.9	TREATTXTPF-00547659 225mg	Week12	POMGNT1	protein_coding	chr1	46654354	46685977 -	6366	938.979	0	0.279292	0.0867	3.22136	0.001416	0.088873	1
ENSG00000116525.9	TREATTXTPF-00547659 75mg	Week12	TRIM62	protein_coding	chr1	33611003	33647660 -	3646	842.1867	0	0.192297	0.0597	3.221066	0.001417	0.088902	1
ENSG00000127903.12	TREATTXTPF-00547659 225mg	Week12	ZNF835	protein_coding	chr19	57174020	57183151 -	2802	53.95138	0.007735	0.468688	0.145527	3.220619	0.00142	0.088977	1
ENSG00000114982.13	TREATTXTPF-00547659 225mg	Week12	KANSL3	protein_coding	chr2	97258907	97308524 -	9015	2885.676	0	0.24523	0.07615	3.220345	0.001421	0.089001	1
ENSG00000145014.13	TREATTXTPF-00547659 225mg	Week12	TMEM44	protein_coding	chr3	194308402	194354418 -	4561	62.94475	0.007735	0.434246	0.134869	3.219764	0.001424	0.089116	1
ENSG00000265517.1	TREATTXTPF-00547659 225mg	Week12	AL122127	miRNA	chr14	106323912	106323971 -	60	63.84862	0.00884	0.53946	0.167577	3.219174	0.001427	0.089186	1
ENSG00000121940.11	TREATTXTPF-00547659 225mg	Week12	CLCC1	protein_coding	chr1	109472130	109506111 -	4996	725.7359	0	0.304173	0.094496	3.218886	0.001428	0.089186	1
ENSG00000151748.10	TREATTXTPF-00547659 225mg	Week12	SAV1	protein_coding	chr14	51098776	51135049 -	5630	343.1558	0.00221	0.350497	0.108893	3.218718	0.001429	0.089186	1
ENSG00000155506.12	TREATTXTPF-00547659 225mg	Week12	LARP1	protein_coding	chr5	154092462	154197167 +	8492	5201.125	0	0.26959	0.083762	3.218531	0.00143	0.089186	1
ENSG00000111641.6	TREATTXTPF-00547659 75mg	Week12	NOP2	protein_coding	chr12	6666029	6677857 -	4687	1654.875	0	0.242091	0.075221	3.218385	0.00143	0.089186	1
ENSG00000167034.9	TREATTXTPF-00547659 22.5mg	Week12	NKX3-1	protein_coding	chr8	23536206	23540440 -	3271	228.505	0.00442	0.489215	0.152009	3.218323	0.001431	0.089186	1
ENSG00000224975.1	TREATTXTPF-00547659 225mg	Week12	INE1	sense_intronic	chrX	47064320	47065264 +	945	98.1337	0.007735	0.485514	0.150871	3.218069	0.001432	0.089186	1
ENSG00000126705.9	TREATTXTPF-00547659 225mg	Week12	AHDC1	protein_coding	chr1	27860546	27930942 -	7157	523.8917	0	0.324962	0.100984	3.217942	0.001432	0.089186	1
ENSG00000248592.3	TREATTXTPF-00547659 225mg	Week12	TMEM110	protein_coding	chr3	52867137	52931578 -	6271	75.3116	0.005525	0.342292	0.106378	3.217691	0.001434	0.089186	1
ENSG00000260979.1	TREATTXTPF-00547659 225mg	Week12	RP11-77H	lincRNA	chr16	9056563	9060847 +	427	85.95249	0.003315	-0.5481	0.170345	-3.21758	0.001434	0.089186	1
ENSG00000198453.8	TREATTXTPF-00547659 225mg	Week12	ZNF568	protein_coding	chr19	37407231	37489602 +	9322	169.9249	0.001105	0.445564	0.138498	3.217118	0.001436	0.089236	1
ENSG0000015520.10	TREATTXTPF-00547659 22.5mg	Week12	NPC1L1	protein_coding	chr7	44552134	44580914 -	5252	3.343646	0.369061	0.460517	0.143166	3.216664	0.001439	0.089236	1
ENSG00000185361.4	TREATTXTPF-00547659 225mg	Week12	TNFAIP8L1	protein_coding	chr19	4639530	4659580 +	6667	822.9956	0	0.277016	0.086124	3.216486	0.001439	0.089236	1
ENSG00000118058.16	TREATTXTPF-00547659 225mg	Week12	KMT2A	protein_coding	chr11	118307205	118397539 +	21953	3542.092	0	0.342535	0.106494	3.216485	0.00144	0.089236	1
ENSG00000116198.8	TREATTXTPF-00547659 225mg	Week12	CEP104	protein_coding	chr1	3728645	3773778 -	7876	1070.318	0	0.239747	0.07454	3.216351	0.00144	0.089236	1
ENSG00000185049.8	TREATTXTPF-00547659 225mg	Week12	NELFA	protein_coding	chr4	1984441	2043630 -	5935	1267.13	0	0.237271	0.073779	3.215963	0.001442	0.089236	1
ENSG00000177084.12	TREATTXTPF-00547659 225mg	Week12	POLE	protein_coding	chr12	133200348	133263951 -	16605	1195.629	0	0.240264	0.07471	3.215961	0.001442	0.089236	1
ENSG00000149582.11	TREATTXTPF-00547659 225mg	Week12	TMEM25	protein_coding	chr11	118401756	118417995 +	5529	236.5326	0.001105	0.378701	0.11776	3.215858	0.001443	0.089236	1
ENSG00000226686.3	TREATTXTPF-00547659 225mg	Week12	AC012309	lincRNA	chr19	37742814	37756437 +	2187	5.250829	0.293923	0.536072	0.166714	3.215512	0.001444	0.089282	1
ENSG00000225541.1	TREATTXTPF-00547659 225mg	Week12	AC002480	sense_overlapping	chr7	22611226	22701411 -	1282	39.34917	0.01989	0.531122	0.165191	3.215196	0.001446	0.089286	1
ENSG00000080300.10	TREATTXTPF-00547659 225mg	Week12	CELSR3	protein_coding	chr3	48673902	48700348 -	13888	165.6354	0	0.341931	0.106351	3.215112	0.001446	0.089286	1

ENSG00000164845.12	TREATTXTPF-00547659 225mg	Week12	FAM86FP	pseudogene	chr12	8385108	8395544 -	994	41.23536	0.014365	0.44991	0.13996	3.214563	0.001449	0.089328	1
ENSG00000149930.13	TREATTXTPF-00547659 225mg	Week12	TAOK2	protein_coding	chr16	29984962	30003582 +	9058	2867.734	0	0.148986	0.046348	3.214491	0.001449	0.089328	1
ENSG00000137656.7	TREATTXTPF-00547659 225mg	Week12	BUD13	protein_coding	chr11	116618886	116643704 -	2196	1144.03	0	0.164107	0.051056	3.214273	0.00145	0.089328	1
ENSG00000170456.10	TREATTXTPF-00547659 225mg	Week12	DENND5B	protein_coding	chr12	31535157	31744031 -	11310	189.9989	0.00221	0.47798	0.148741	3.213501	0.001454	0.089328	1
ENSG00000083844.6	TREATTXTPF-00547659 225mg	Week12	ZNF264	protein_coding	chr19	57702868	57724724 +	3042	304.2917	0	0.238604	0.074251	3.21347	0.001454	0.089328	1
ENSG00000177606.5	TREATTXTPF-00547659 75mg	Week12	JUN	protein_coding	chr1	59246465	59249785 -	3321	486.053	0	0.292934	0.091161	3.213379	0.001455	0.089328	1
ENSG00000243452.3	TREATTXTPF-00547659 225mg	Week12	NBPF15	protein_coding	chr1	148555979	148596267 +	5306	703.842	0	0.411619	0.128101	3.213248	0.001455	0.089328	1
ENSG00000065717.10	TREATTXTPF-00547659 225mg	Week12	TLE2	protein_coding	chr19	2997636	3047633 -	4038	312.6486	0	0.423056	0.131662	3.213186	0.001456	0.089328	1
ENSG00000263463.1	TREATTXTPF-00547659 225mg	Week12	MIR3781	miRNA	chr22	42319226	42319301 -	76	82.95138	0.007735	0.503379	0.156665	3.213095	0.001456	0.089328	1
ENSG00000221829.5	TREATTXTPF-00547659 225mg	Week12	FANCG	protein_coding	chr9	35073832	35080013 -	3614	373.9403	0	0.246194	0.076626	3.212927	0.001457	0.089328	1
ENSG00000140577.11	TREATTXTPF-00547659 225mg	Week12	CRTC3	protein_coding	chr15	91073157	91188577 +	10814	3117.364	0	0.265774	0.08273	3.212529	0.001459	0.089328	1
ENSG00000145555.10	TREATTXTPF-00547659 75mg	Week12	MYO10	protein_coding	chr5	16665395	16936372 -	10537	100.3138	0.00442	-0.5121	0.159408	-3.21251	0.001459	0.089328	1
ENSG00000108592.12	TREATTXTPF-00547659 225mg	Week12	FTSJ3	protein_coding	chr17	61896793	61907372 -	5212	1715.766	0	0.220368	0.068598	3.212467	0.001459	0.089328	1
ENSG00000105088.4	TREATTXTPF-00547659 75mg	Week12	OLFAM2	protein_coding	chr19	9964394	10047228 -	2500	470.3657	0	0.295722	0.092065	3.212119	0.001461	0.089328	1
ENSG00000078589.8	TREATTXTPF-00547659 225mg	Week12	P2RY10	protein_coding	chrX	78200829	78217451 +	1803	840.0398	0	0.420744	0.130988	3.212083	0.001461	0.089328	1
ENSG00000042445.9	TREATTXTPF-00547659 225mg	Week12	RETSAT	protein_coding	chr2	85569211	85581743 -	4264	1053.683	0	0.188143	0.05858	3.211722	0.001463	0.089357	1
ENSG00000101945.12	TREATTXTPF-00547659 225mg	Week12	SUV39H1	protein_coding	chrX	48553945	48567403 +	3368	527.6354	0	0.214787	0.066878	3.211603	0.001463	0.089357	1
ENSG00000135423.8	TREATTXTPF-00547659 225mg	Week12	GLS2	protein_coding	chr12	56864736	56882198 -	4062	68.84088	0.007735	0.47857	0.149047	3.210877	0.001467	0.089407	1
ENSG00000131778.13	TREATTXTPF-00547659 225mg	Week12	CHD1L	protein_coding	chr1	146714291	146767443 +	3370	1320.456	0	0.251649	0.078374	3.210874	0.001467	0.089407	1
ENSG00000136193.12	TREATTXTPF-00547659 225mg	Week12	SCRN1	protein_coding	chr7	29959719	30029905 -	6046	1093.007	0	0.31735	0.098838	3.210801	0.001467	0.089407	1
ENSG00000214548.10	TREATTXTPF-00547659 225mg	Week12	MEG3	lincRNA	chr14	101245747	101327368 +	15769	93.31934	0.055249	0.782559	0.243749	3.210508	0.001469	0.089407	1
ENSG00000128191.9	TREATTXTPF-00547659 225mg	Week12	DGCR8	protein_coding	chr22	20067755	20099400 +	7315	1385.524	0	0.237155	0.073869	3.210483	0.001469	0.089407	1
ENSG00000005156.7	TREATTXTPF-00547659 225mg	Week12	LIG3	protein_coding	chr17	33307513	33332083 +	8240	695.7547	0	0.257412	0.080211	3.209186	0.001475	0.089632	1
ENSG00000186174.8	TREATTXTPF-00547659 225mg	Week12	BCL9L	protein_coding	chr11	118764584	118796317 -	10495	5885.313	0	0.348067	0.10846	3.20918	0.001475	0.089632	1
ENSG00000132604.6	TREATTXTPF-00547659 75mg	Week12	TERF2	protein_coding	chr16	69389464	69442474 -	5621	1552.144	0	0.182261	0.056794	3.209164	0.001475	0.089632	1
ENSG00000187116.9	TREATTXTPF-00547659 75mg	Week12	LILRA5	protein_coding	chr19	54818353	54824409 -	1762	16050.98	0	-0.35514	0.110675	-3.20882	0.001477	0.089667	1
ENSG00000127804.8	TREATTXTPF-00547659 225mg	Week12	METTL16	protein_coding	chr17	2308856	2415185 -	8934	1061.677	0	0.279303	0.087047	3.208666	0.001478	0.089667	1
ENSG00000229106.1	TREATTXTPF-00547659 225mg	Week12	RP11-4M2	pseudogene	chr1	24227961	24229227 -	1267	26.16796	0.030939	0.514873	0.160491	3.208105	0.001481	0.089757	1
ENSG00000141560.10	TREATTXTPF-00547659 225mg	Week12	FN3KRP	protein_coding	chr17	80674559	80688204 +	2971	870.4983	0	0.267637	0.083431	3.207877	0.001482	0.089757	1
ENSG00000187554.7	TREATTXTPF-00547659 225mg	Week12	TLR5	protein_coding	chr1	223282748	223316624 -	4651	3011.295	0	-0.38994	0.121568	-3.20756	0.001483	0.089757	1
ENSG00000162777.12	TREATTXTPF-00547659 75mg	Week12	DENND2D	protein_coding	chr1	111729796	111747157 -	5515	6800.459	0	0.243323	0.075868	3.207186	0.001485	0.089757	1
ENSG00000255571.2	TREATTXTPF-00547659 225mg	Week12	LINC00925	lincRNA	chr15	89904810	89939471 +	5018	74.14586	0.00884	0.492301	0.1535	3.207185	0.001485	0.089757	1
ENSG00000211794.3	TREATTXTPF-00547659 225mg	Week12	TRAV12-3	TR_V_gene	chr14	22433680	22434290 +	399	183.3669	0.00221	0.404851	0.126243	3.206927	0.001487	0.089757	1
ENSG00000158859.9	TREATTXTPF-00547659 75mg	Week12	ADAMTS4	protein_coding	chr1	161154098	161168846 -	10334	42.65635	0.012155	0.490529	0.152963	3.206838	0.001487	0.089757	1
ENSG00000155849.11	TREATTXTPF-00547659 75mg	Week12	ELMO1	protein_coding	chr7	36893961	37488852 -	9767	4912.703	0	0.171245	0.053401	3.206758	0.001487	0.089757	1
ENSG00000197102.6	TREATTXTPF-00547659 225mg	Week12	DYNC1H1	protein_coding	chr14	102430865	102517129 +	15826	6615.144	0	0.233691	0.072877	3.206631	0.001488	0.089757	1
ENSG00000155561.10	TREATTXTPF-00547659 225mg	Week12	NUP205	protein_coding	chr7	135242667	135333505 +	7623	1708.636	0	0.310935	0.096977	3.206288	0.00149	0.089757	1
ENSG00000144031.7	TREATTXTPF-00547659 225mg	Week12	ANKRD53	protein_coding	chr2	71205510	71212626 +	2523	4.79779	0.228729	0.474092	0.147873	3.206078	0.001491	0.089757	1
ENSG00000258947.2	TREATTXTPF-00547659 75mg	Week12	TUBB3	protein_coding	chr16	89987800	90005169 +	6138	1.622099	0.654144	0.412755	0.128748	3.205928	0.001492	0.089757	1
ENSG00000035928.10	TREATTXTPF-00547659 225mg	Week12	RFC1	protein_coding	chr4	39289076	39367995 -	6713	1720.817	0	0.267398	0.036644	3.205668	0.001493	0.089757	1
ENSG00000163257.6	TREATTXTPF-00547659 225mg	Week12	DCAF16	protein_coding	chr4	17802278	17812381 -	4816	925.9215	0	0.361879	0.11289	3.205577	0.001493	0.089757	1
ENSG00000177732.6	TREATTXTPF-00547659 225mg	Week12	SOX12	protein_coding	chr20	306207	310865 +	4659	432.7536	0	0.29992	0.093564	3.205523	0.001494	0.089757	1
ENSG00000227200.1	TREATTXTPF-00547659 22.5mg	Week12	RP11-1211	sense_intronic	chr9	127025155	127028088 +	373	2.567956	0.478453	-0.41767	0.130311	-3.20521	0.001495	0.089796	1
ENSG00000091542.8	TREATTXTPF-00547659 75mg	Week12	ALKBH5	protein_coding	chr17	18086392	18113268 +	3190	4850.907	0	0.166855	0.052066	3.204699	0.001498	0.089892	1
ENSG00000254420.1	TREATTXTPF-00547659 225mg	Week12	RP11-452f	antisense	chr11	78035804	78155095 +	437	4.620994	0.488398	-0.56857	0.177435	-3.20436	0.001499	0.089903	1
ENSG00000078687.12	TREATTXTPF-00547659 225mg	Week12	TNRC6C	protein_coding	chr17	76000249	76104916 +	11058	1099.758	0	0.315828	0.098581	3.203738	0.001503	0.089903	1
ENSG00000071051.9	TREATTXTPF-00547659 75mg	Week12	NCK2	protein_coding	chr2	106361354	106510730 +	2990	2998.954	0	0.179249	0.055952	3.20362	0.001503	0.089903	1
ENSG00000110048.7	TREATTXTPF-00547659 225mg	Week12	OSBP	protein_coding	chr11	59341871	59383617 -	5492	2396.409	0	0.221488	0.06914	3.203451	0.001504	0.089903	1
ENSG00000054965.6	TREATTXTPF-00547659 225mg	Week12	FAM168A	protein_coding	chr11	73111532	73309234 -	7823	2224.03	0	0.202469	0.063207	3.20329	0.001505	0.089903	1
ENSG00000170631.10	TREATTXTPF-00547659 225mg	Week12	ZNF16	protein_coding	chr8	146155744	146176274 -	5237	221.1061	0	0.288838	0.090172	3.2032	0.001505	0.089903	1
ENSG00000059573.4	TREATTXTPF-00547659 225mg	Week12	ALDH18A1	protein_coding	chr10	97365696	97416463 -	3756	917.7967	0	0.2949	0.09207	3.203001	0.001506	0.089903	1
ENSG00000103522.11	TREATTXTPF-00547659 225mg	Week12	IL21R	protein_coding	chr16	27413483	27462115 +	4219	1234.406	0	0.331897	0.103625	3.202852	0.001507	0.089903	1
ENSG00000230530.1	TREATTXTPF-00547659 225mg	Week12	LIMD1-AS	antisense	chr3	45720535	45730626 -	1651	45.80884	0.009945	0.416674	0.130095	3.202836	0.001507	0.089903	1

ENSG00000079313.7	TREATTXTPF-00547659 225mg	Week12	REXO1	protein_coding	chr19	1815248	1848452	-	5186	2416.94	0	0.176473	0.0551	3.202783	0.001507	0.089903	1
ENSG00000261015.1	TREATTXTPF-00547659 75mg	Week12	RP1-90J20	sense_overlapping	chr6	3025025	3027659	+	2635	482.6751	0	-0.28321	0.08844	-3.20233	0.00151	0.089982	1
ENSG00000178732.4	TREATTXTPF-00547659 225mg	Week12	GP5	protein_coding	chr3	194115550	194119995	-	3563	158.8939	0.00442	0.495177	0.154658	3.201758	0.001513	0.0901	1
ENSG00000227777.1	TREATTXTPF-00547659 22.5mg	Week12	RP4-738P1	pseudogene	chr1	168511975	168512592	+	618	1.037569	0.751381	0.340875	0.106472	3.201553	0.001514	0.090105	1
ENSG00000175782.8	TREATTXTPF-00547659 225mg	Week12	SLC35E3	protein_coding	chr12	69139886	69187508	+	5612	540.6972	0	0.249682	0.078002	3.200963	0.001517	0.090191	1
ENSG00000125084.7	TREATTXTPF-00547659 75mg	Week12	WNT1	protein_coding	chr12	49372398	49375459	+	1185	18.53591	0.025414	0.486442	0.151981	3.200667	0.001518	0.090191	1
ENSG00000140743.3	TREATTXTPF-00547659 225mg	Week12	CDR2	protein_coding	chr16	22357257	22448486	-	3948	1284.038	0	0.330402	0.10323	3.200652	0.001518	0.090191	1
ENSG00000136720.6	TREATTXTPF-00547659 225mg	Week12	HS6ST1	protein_coding	chr2	128994290	129076151	-	4683	772.0144	0	0.216731	0.067719	3.200433	0.001519	0.090191	1
ENSG00000110917.3	TREATTXTPF-00547659 225mg	Week12	MLEC	protein_coding	chr12	121124672	121139667	+	6723	4692.785	0	0.223165	0.069732	3.200335	0.00152	0.090191	1
ENSG00000082014.12	TREATTXTPF-00547659 22.5mg	Week12	SMARCD3	protein_coding	chr7	150935850	150974982	-	5198	2218.819	0	-0.20942	0.065443	-3.20002	0.001521	0.090221	1
ENSG00000230289.1	TREATTXTPF-00547659 75mg	Week12	RP11-334J	antisense	chr9	134391945	134397616	-	473	4.876243	0.234254	0.478881	0.149657	3.199864	0.001522	0.090221	1
ENSG00000273066.1	TREATTXTPF-00547659 225mg	Week12	RP11-216L	processed_transcript	chr9	139693675	139704494	+	4335	24.23757	0.018785	0.450209	0.140723	3.199253	0.001525	0.090317	1
ENSG00000182446.9	TREATTXTPF-00547659 225mg	Week12	NPLOC4	protein_coding	chr17	79523913	79615495	+	9562	5868.245	0	0.131032	0.040962	3.198897	0.001527	0.090317	1
ENSG00000155666.7	TREATTXTPF-00547659 225mg	Week12	KDM8	protein_coding	chr16	27214807	27233089	+	4048	770.1215	0.001105	0.288489	0.09019	3.198667	0.001528	0.090317	1
ENSG00000246627.2	TREATTXTPF-00547659 225mg	Week12	CACNA1C	antisense	chr12	2785167	2800366	-	2639	71.4453	0.00442	0.4659	0.145656	3.198638	0.001528	0.090317	1
ENSG00000027075.9	TREATTXTPF-00547659 225mg	Week12	PRKCH	protein_coding	chr14	61654277	62017694	+	8809	4772.148	0	0.335877	0.105015	3.198376	0.00153	0.090317	1
ENSG00000221890.2	TREATTXTPF-00547659 225mg	Week12	NPTXR	protein_coding	chr22	39214457	39239987	-	5784	310.4586	0	0.386781	0.120941	3.198089	0.001531	0.090317	1
ENSG00000160654.5	TREATTXTPF-00547659 225mg	Week12	CD3G	protein_coding	chr11	118215059	118225876	+	3836	3032.376	0	0.378724	0.118426	3.19799	0.001532	0.090317	1
ENSG00000266631.1	TREATTXTPF-00547659 225mg	Week12	AC006116	miRNA	chr19	56907685	56907770	-	86	4.209945	0.278453	0.46861	0.146535	3.197944	0.001532	0.090317	1
ENSG00000104824.12	TREATTXTPF-00547659 225mg	Week12	HNRNPL	protein_coding	chr19	39327028	39342987	-	6821	6937.294	0	0.150813	0.04716	3.197873	0.001532	0.090317	1
ENSG00000165272.10	TREATTXTPF-00547659 75mg	Week12	AQP3	protein_coding	chr9	33441152	33447609	-	2928	2663.088	0	0.33851	0.105862	3.197655	0.001534	0.090327	1
ENSG00000071575.7	TREATTXTPF-00547659 225mg	Week12	TRIB2	protein_coding	chr2	12857015	12882860	+	4588	2517.432	0	0.377083	0.117951	3.196954	0.001537	0.090447	1
ENSG00000230131.1	TREATTXTPF-00547659 225mg	Week12	RP11-282I	lincRNA	chr10	125115966	125277224	+	1245	2.216575	0.519337	0.434507	0.135915	3.196888	0.001537	0.090447	1
ENSG00000183647.6	TREATTXTPF-00547659 225mg	Week12	ZNF530	protein_coding	chr19	58111253	58124090	+	5019	171.2166	0.001105	0.366258	0.114577	3.196599	0.001539	0.090478	1
ENSG00000152117.13	TREATTXTPF-00547659 225mg	Week12	AC093838	pseudogene	chr2	132250386	132279146	+	4249	931.2022	0	0.286314	0.089581	3.196161	0.001541	0.090555	1
ENSG00000115306.11	TREATTXTPF-00547659 225mg	Week12	SPTBN1	protein_coding	chr2	54683422	54896812	+	16722	3819.083	0	0.324647	0.101599	3.195366	0.001545	0.090718	1
ENSG00000065150.14	TREATTXTPF-00547659 225mg	Week12	IPO5	protein_coding	chr13	98605912	98676551	+	9671	2637.377	0	0.281102	0.087978	3.19515	0.001546	0.090718	1
ENSG00000180739.12	TREATTXTPF-00547659 75mg	Week12	S1PR5	protein_coding	chr19	10623623	10628607	-	2601	1683.594	0	0.418841	0.13109	3.195071	0.001547	0.090718	1
ENSG00000188042.5	TREATTXTPF-00547659 225mg	Week12	ARL4C	protein_coding	chr2	235401685	235405697	-	4013	6705.014	0	0.309093	0.096756	3.19458	0.001549	0.090811	1
ENSG00000235437.3	TREATTXTPF-00547659 225mg	Week12	RP11-357J	processed_transcript	chrX	62563106	62780951	-	6379	845.0354	0	0.363518	0.113802	3.194305	0.001551	0.090838	1
ENSG00000160883.6	TREATTXTPF-00547659 75mg	Week12	HK3	protein_coding	chr5	176307870	176326333	-	3290	15929.71	0	-0.32339	0.101285	-3.19283	0.001558	0.09113	1
ENSG00000125648.10	TREATTXTPF-00547659 225mg	Week12	SLC25A23	protein_coding	chr19	6436090	6465214	-	4859	699.3834	0	0.337515	0.105715	3.192703	0.001559	0.09113	1
ENSG00000149970.10	TREATTXTPF-00547659 225mg	Week12	CNKSR2	protein_coding	chrX	21392536	21672813	+	7160	78.36022	0.00663	0.528668	0.165598	3.192488	0.00156	0.09113	1
ENSG00000167555.9	TREATTXTPF-00547659 225mg	Week12	ZNF528	protein_coding	chr19	52901102	52921665	+	8530	390.1812	0	0.402725	0.126149	3.192455	0.00156	0.09113	1
ENSG00000064703.7	TREATTXTPF-00547659 225mg	Week12	DDX20	protein_coding	chr1	112297867	112310638	+	6019	832.6851	0	0.277394	0.086891	3.192426	0.001561	0.09113	1
ENSG00000148842.13	TREATTXTPF-00547659 225mg	Week12	CNNM2	protein_coding	chr10	104678050	104849978	+	16324	293.4884	0	0.261653	0.08197	3.192061	0.001563	0.091154	1
ENSG00000170486.6	TREATTXTPF-00547659 75mg	Week12	KRT72	protein_coding	chr12	52979373	52995322	-	2154	240.8177	0.00442	0.491792	0.154077	3.19185	0.001564	0.091154	1
ENSG00000197857.9	TREATTXTPF-00547659 225mg	Week12	ZNF44	protein_coding	chr19	12335501	12405702	+	6460	904.9105	0	0.254463	0.079735	3.191353	0.001566	0.091154	1
ENSG00000125846.11	TREATTXTPF-00547659 225mg	Week12	ZNF133	protein_coding	chr20	18269121	18297640	+	5029	475.4166	0	0.274417	0.085989	3.19132	0.001566	0.091154	1
ENSG00000240237.1	TREATTXTPF-00547659 75mg	Week12	CTD-2182I	pseudogene	chr8	134014850	134015320	-	471	1.026519	0.767956	-0.33586	0.105252	-3.19102	0.001568	0.091154	1
ENSG00000112365.4	TREATTXTPF-00547659 225mg	Week12	ZBTB24	protein_coding	chr6	109783797	109804440	-	5519	766.1978	0	0.288926	0.090544	3.190996	0.001568	0.091154	1
ENSG00000159131.12	TREATTXTPF-00547659 225mg	Week12	GART	protein_coding	chr21	34876238	34915797	-	7804	1628.061	0	0.252109	0.079007	3.190955	0.001568	0.091154	1
ENSG00000245680.5	TREATTXTPF-00547659 225mg	Week12	ZNF585B	protein_coding	chr19	37672481	37709055	-	7538	487.7017	0	0.358209	0.11226	3.190881	0.001569	0.091154	1
ENSG00000211734.3	TREATTXTPF-00547659 225mg	Week12	TRBV5-1	TR_V_gene	chr7	142020496	142021363	+	652	482.1061	0	0.391367	0.122706	3.189466	0.001576	0.09148	1
ENSG00000204590.8	TREATTXTPF-00547659 225mg	Week12	GNL1	protein_coding	chr6	30509154	30524951	-	8646	1700.819	0	0.223201	0.069983	3.189365	0.001577	0.09148	1
ENSG00000183054.7	TREATTXTPF-00547659 225mg	Week12	RGPD6	protein_coding	chr2	111271389	111334762	-	13309	3.731492	0.373481	0.511194	0.160286	3.189264	0.001577	0.09148	1
ENSG00000106290.10	TREATTXTPF-00547659 75mg	Week12	TAF6	protein_coding	chr7	99704693	99717464	-	4086	1956.587	0	0.205091	0.06433	3.188098	0.001583	0.091654	1
ENSG00000130612.10	TREATTXTPF-00547659 225mg	Week12	CYP2G1P	pseudogene	chr19	41396731	41406413	+	2511	1.00884	0.748066	0.325591	0.102128	3.188072	0.001584	0.091654	1
ENSG00000110583.8	TREATTXTPF-00547659 225mg	Week12	NAA40	protein_coding	chr11	63706431	63724800	+	5321	905.5094	0	0.320151	0.100426	3.187926	0.001584	0.091654	1
ENSG00000122687.13	TREATTXTPF-00547659 225mg	Week12	FTSJ2	protein_coding	chr7	2273866	2281840	-	2842	900.3646	0	0.23225	0.07286	3.187635	0.001586	0.091654	1
ENSG00000011132.7	TREATTXTPF-00547659 75mg	Week12	APBA3	protein_coding	chr19	3750817	3761697	-	5556	1375.407	0	0.199429	0.062565	3.187533	0.001586	0.091654	1
ENSG00000197136.4	TREATTXTPF-00547659 225mg	Week12	PCNXL3	protein_coding	chr11	65383244	65404910	+	7972	3515.716	0	0.180955	0.05677	3.187479	0.001587	0.091654	1
ENSG00000112511.13	TREATTXTPF-00547659 225mg	Week12	PHF1	protein_coding	chr6	33378176	33384230	+	3596	3493.235	0	0.204633	0.064201	3.187383	0.001587	0.091654	1

ENSG00000103044.6	TREATTXTPF-00547659 225mg	Week12	HAS3	protein_coding	chr16	69139467	69152622 +	5289	65.70497	0.007735	0.404869	0.127047	3.186773	0.00159	0.091654	1
ENSG00000198851.5	TREATTXTPF-00547659 225mg	Week12	CD3E	protein_coding	chr11	118175260	118186890 +	2844	17226.31	0	0.320345	0.100535	3.186389	0.001592	0.091654	1
ENSG00000142178.7	TREATTXTPF-00547659 225mg	Week12	SIK1	protein_coding	chr21	44834395	44847008 -	4886	342.1271	0.001105	0.393848	0.123608	3.186276	0.001593	0.091654	1
ENSG00000105136.15	TREATTXTPF-00547659 225mg	Week12	ZNF419	protein_coding	chr19	57999079	58006048 +	6591	367.1304	0	0.333936	0.10481	3.18612	0.001594	0.091654	1
ENSG00000227370.1	TREATTXTPF-00547659 22.5mg	Week12	RP4-669P1	pseudogene	chr22	42528550	42529005 +	456	7.109392	0.158011	0.479739	0.150577	3.18601	0.001594	0.091654	1
ENSG0000027075.9	TREATTXTPF-00547659 75mg	Week12	PRKCH	protein_coding	chr14	61654277	62017694 +	8809	4772.148	0	0.326118	0.102363	3.185902	0.001595	0.091654	1
ENSG00000107611.10	TREATTXTPF-00547659 225mg	Week12	CUBN	protein_coding	chr10	16865963	17171830 -	13168	256.1569	0.00221	0.443144	0.139101	3.185777	0.001596	0.091654	1
ENSG00000185761.6	TREATTXTPF-00547659 225mg	Week12	ADAMTSL1	protein_coding	chr19	1505017	1513603 -	3867	92.07072	0.00221	0.453487	0.142353	3.185647	0.001596	0.091654	1
ENSG00000078808.12	TREATTXTPF-00547659 75mg	Week12	SDF4	protein_coding	chr1	1152288	1167411 -	4709	6302.075	0	0.147678	0.046364	3.18521	0.001599	0.091654	1
ENSG00000106351.8	TREATTXTPF-00547659 75mg	Week12	AGFG2	protein_coding	chr7	100136834	100165842 +	5478	1003.115	0	0.306199	0.096133	3.185149	0.001599	0.091654	1
ENSG00000239306.4	TREATTXTPF-00547659 225mg	Week12	RBM14	protein_coding	chr11	66384053	66394818 +	3937	2864.909	0	0.187038	0.058728	3.184821	0.001601	0.091654	1
ENSG00000085872.10	TREATTXTPF-00547659 225mg	Week12	CHERP	protein_coding	chr19	16628700	16653341 -	6113	2572.466	0	0.20418	0.064112	3.184744	0.001601	0.091654	1
ENSG00000153283.8	TREATTXTPF-00547659 225mg	Week12	CD96	protein_coding	chr3	111011566	111384597 +	5762	3340.061	0	0.321997	0.101108	3.184667	0.001602	0.091654	1
ENSG00000207631.1	TREATTXTPF-00547659 225mg	Week12	MIR641	miRNA	chr19	40788450	40788548 -	99	1.875138	0.58453	0.404641	0.127066	3.184498	0.001603	0.091654	1
ENSG00000182473.16	TREATTXTPF-00547659 225mg	Week12	EXO7	protein_coding	chr17	74077087	74171657 -	10126	6437.496	0	0.120959	0.037984	3.184478	0.001603	0.091654	1
ENSG00000267309.1	TREATTXTPF-00547659 225mg	Week12	CTD-2630f	antisense	chr19	36980551	36981942 +	1392	36.70166	0.00884	0.461977	0.145083	3.184219	0.001604	0.091654	1
ENSG00000033122.14	TREATTXTPF-00547659 7.5mg	Week12	LRRC7	protein_coding	chr1	70034081	70617628 +	14652	11.56906	0.246409	0.660909	0.207565	3.184109	0.001605	0.091654	1
ENSG00000111667.9	TREATTXTPF-00547659 225mg	Week12	USP5	protein_coding	chr12	6961292	6975796 +	3738	2357.081	0	0.250974	0.078823	3.184024	0.001605	0.091654	1
ENSG00000106370.10	TREATTXTPF-00547659 22.5mg	Week12	PCOLCE2	protein_coding	chr3	142534764	142608045 -	3480	23.33481	0.128177	-0.74603	0.234321	-3.1838	0.001606	0.091654	1
ENSG00000166908.13	TREATTXTPF-00547659 225mg	Week12	PIP4K2C	protein_coding	chr12	57984957	57997198 +	3296	1766.939	0	0.155187	0.048743	3.183796	0.001606	0.091654	1
ENSG00000196652.7	TREATTXTPF-00547659 225mg	Week12	ZKSCAN5	protein_coding	chr7	99102274	99132323 +	6056	637.1569	0	0.203684	0.063984	3.183366	0.001609	0.09173	1
ENSG00000104299.10	TREATTXTPF-00547659 75mg	Week12	INTS9	protein_coding	chr8	28625178	28747759 -	4905	992.3215	0	0.209426	0.0658	3.182775	0.001612	0.091856	1
ENSG00000139714.8	TREATTXTPF-00547659 225mg	Week12	MORN3	protein_coding	chr12	122089024	122110537 -	1480	88.35028	0.005525	0.448845	0.141038	3.182437	0.001614	0.091866	1
ENSG00000135414.5	TREATTXTPF-00547659 75mg	Week12	GDF11	protein_coding	chr12	56137064	56150911 +	3846	304.6243	0	0.314614	0.098861	3.182383	0.001614	0.091866	1
ENSG00000197024.4	TREATTXTPF-00547659 225mg	Week12	ZNF398	protein_coding	chr7	148823508	148880116 +	6394	1149.011	0	0.19431	0.061068	3.181879	0.001617	0.091966	1
ENSG00000132716.14	TREATTXTPF-00547659 225mg	Week12	DCAF8	protein_coding	chr1	160185505	160254920 -	8274	3692.375	0	0.18279	0.057451	3.181655	0.001618	0.091979	1
ENSG00000197312.7	TREATTXTPF-00547659 225mg	Week12	DDI2	protein_coding	chr1	15943995	15995539 +	12136	1238.501	0	0.284745	0.089515	3.180988	0.001621	0.092126	1
ENSG00000103168.12	TREATTXTPF-00547659 225mg	Week12	TAF1C	protein_coding	chr16	84211458	84220669 -	5565	1711.985	0	0.261135	0.082099	3.18073	0.001623	0.092126	1
ENSG00000165659.12	TREATTXTPF-00547659 75mg	Week12	DACH1	protein_coding	chr13	72012098	72441330 -	5395	206.7028	0.001105	-0.43801	0.137712	-3.18064	0.001623	0.092126	1
ENSG00000165819.7	TREATTXTPF-00547659 225mg	Week12	METTL3	protein_coding	chr14	21966277	21979517 -	5654	1588.313	0	0.265647	0.083531	3.180214	0.001626	0.092202	1
ENSG00000166974.8	TREATTXTPF-00547659 225mg	Week12	MAPRE2	protein_coding	chr18	32556892	32723434 +	6180	3648.049	0	0.220398	0.069314	3.179709	0.001628	0.092256	1
ENSG00000147535.12	TREATTXTPF-00547659 225mg	Week12	PPAPDC1E	protein_coding	chr8	38120648	38126761 -	4414	884.2343	0	0.330994	0.104097	3.17968	0.001629	0.092256	1
ENSG00000050405.9	TREATTXTPF-00547659 225mg	Week12	LIMA1	protein_coding	chr12	50569571	50677329 -	6317	483.526	0	0.360943	0.113559	3.178457	0.001635	0.092442	1
ENSG00000042286.10	TREATTXTPF-00547659 225mg	Week12	AIFM2	protein_coding	chr10	71857979	71892690 -	5131	238.7094	0	0.327176	0.102939	3.178339	0.001636	0.092442	1
ENSG00000130584.6	TREATTXTPF-00547659 7.5mg	Week12	ZBTB46	protein_coding	chr20	62375019	62462597 -	5955	97.63204	0.003315	0.332638	0.104664	3.178156	0.001637	0.092442	1
ENSG00000198917.7	TREATTXTPF-00547659 225mg	Week12	C9orf114	protein_coding	chr9	131581930	131592100 -	4593	1394.183	0	0.233315	0.073414	3.178053	0.001637	0.092442	1
ENSG00000167383.4	TREATTXTPF-00547659 225mg	Week12	ZNF229	protein_coding	chr19	44921685	44952766 -	5508	29.18564	0.035359	0.602254	0.189508	3.177987	0.001638	0.092442	1
ENSG00000143811.12	TREATTXTPF-00547659 75mg	Week12	PYCR2	protein_coding	chr1	226107578	226111978 -	3539	2088.503	0	0.197458	0.062134	3.177954	0.001638	0.092442	1
ENSG00000125166.8	TREATTXTPF-00547659 225mg	Week12	GOT2	protein_coding	chr16	58741035	58768261 -	3766	1495.43	0	0.24233	0.07626	3.177684	0.001639	0.092442	1
ENSG00000131378.9	TREATTXTPF-00547659 225mg	Week12	RFTN1	protein_coding	chr23	16355081	16555533 -	4776	2348.135	0	0.276009	0.086866	3.177423	0.001641	0.092442	1
ENSG00000188322.4	TREATTXTPF-00547659 75mg	Week12	SBK1	protein_coding	chr16	28303840	28335170 +	4992	1484.561	0	0.347482	0.10936	3.177413	0.001641	0.092442	1
ENSG00000110497.10	TREATTXTPF-00547659 75mg	Week12	AMBRA1	protein_coding	chr11	46417964	46615675 +	7673	1597.281	0	0.195984	0.061683	3.177257	0.001642	0.092442	1
ENSG00000107077.13	TREATTXTPF-00547659 225mg	Week12	KDM4C	protein_coding	chr9	6720863	7175648 +	10322	1518.846	0	0.276565	0.087051	3.177059	0.001643	0.092442	1
ENSG00000136449.9	TREATTXTPF-00547659 225mg	Week12	MYCBPAP	protein_coding	chr17	48585745	48608862 +	6515	24.19448	0.025414	0.513698	0.161696	3.176934	0.001644	0.092442	1
ENSG00000078487.13	TREATTXTPF-00547659 225mg	Week12	ZCWPW1	protein_coding	chr7	99998449	100026615 -	3318	277.2696	0.00221	0.234239	0.073737	3.176692	0.001645	0.092461	1
ENSG00000042088.9	TREATTXTPF-00547659 225mg	Week12	TDP1	protein_coding	chr14	90421283	90511106 +	6221	913.7414	0	0.270069	0.085025	3.176363	0.001647	0.092461	1
ENSG00000175048.12	TREATTXTPF-00547659 75mg	Week12	ZDHHC14	protein_coding	chr6	157802165	158099178 +	11121	216.7956	0.00221	0.278925	0.087818	3.17617	0.001648	0.092461	1
ENSG00000107862.4	TREATTXTPF-00547659 225mg	Week12	GBF1	protein_coding	chr10	104005289	104142656 +	6641	3783.838	0	0.188968	0.059498	3.176052	0.001648	0.092461	1
ENSG00000247324.2	TREATTXTPF-00547659 225mg	Week12	RP11-510f	antisense	chr16	71496181	71499844 +	2793	3.265193	0.41768	0.469585	0.147858	3.175919	0.001649	0.092461	1
ENSG00000143811.12	TREATTXTPF-00547659 225mg	Week12	PYCR2	protein_coding	chr1	226107578	226111978 -	3539	2088.503	0	0.201692	0.063509	3.175808	0.00165	0.092461	1
ENSG00000101049.10	TREATTXTPF-00547659 225mg	Week12	SGK2	protein_coding	chr20	42187608	42216877 +	3465	17.85746	0.044199	0.549552	0.173066	3.175397	0.001652	0.092493	1
ENSG00000055070.12	TREATTXTPF-00547659 225mg	Week12	SZRD1	protein_coding	chr1	16679070	16724640 +	4747	7565.78	0	0.118787	0.037409	3.175349	0.001652	0.092493	1
ENSG00000188042.5	TREATTXTPF-00547659 75mg	Week12	ARL4C	protein_coding	chr2	235401685	235405697 -	4013	6705.014	0	0.299555	0.094365	3.174432	0.001657	0.092648	1



ENSG00000100813.10	TREATTXTPF-00547659 225mg	Week12	ACIN1	protein_coding	chr14	23527773	23564823 -	9110	12227.02	0	0.154787	0.048761	3.174406	0.001657	0.092648	1
ENSG00000154767.10	TREATTXTPF-00547659 75mg	Week12	XPC	protein_coding	chr3	14186647	14220283 -	4798	3765.66	0	0.175125	0.055172	3.174136	0.001659	0.092648	1
ENSG00000157870.10	TREATTXTPF-00547659 225mg	Week12	FAM213B	protein_coding	chr1	2517930	2522908 +	3346	889.6718	0	0.244512	0.077034	3.1741	0.001659	0.092648	1
ENSG00000074370.13	TREATTXTPF-00547659 225mg	Week12	ATP2A3	protein_coding	chr17	3827169	3867736 -	6866	24482.86	0	0.156751	0.049387	3.173961	0.001666	0.092648	1
ENSG00000136628.13	TREATTXTPF-00547659 225mg	Week12	EPRS	protein_coding	chr1	220141943	220220000 -	5450	3272.913	0	0.26953	0.08495	3.172815	0.001666	0.092894	1
ENSG00000115129.9	TREATTXTPF-00547659 22.5mg	Week12	TP53I3	protein_coding	chr2	24300303	24308731 -	2312	355.0619	0	-0.27057	0.085278	-3.17281	0.001666	0.092894	1
ENSG00000100425.14	TREATTXTPF-00547659 225mg	Week12	BRD1	protein_coding	chr22	50166931	50221160 -	5850	2214.936	0	0.264198	0.083306	3.171423	0.001674	0.093225	1
ENSG00000238121.1	TREATTXTPF-00547659 225mg	Week12	LINC0042E	lincRNA	chr13	30914407	30951282 -	3972	469.779	0	0.350683	0.110577	3.171392	0.001674	0.093225	1
ENSG00000115073.6	TREATTXTPF-00547659 225mg	Week12	ACTR1B	protein_coding	chr2	98272431	98280570 -	2887	2324.703	0	0.226719	0.071493	3.171192	0.001675	0.093232	1
ENSG00000099783.7	TREATTXTPF-00547659 225mg	Week12	HNRNPM	protein_coding	chr19	8509651	8553998 +	5606	6858.197	0	0.195533	0.061682	3.170024	0.001682	0.093421	1
ENSG00000151623.10	TREATTXTPF-00547659 225mg	Week12	NR3C2	protein_coding	chr4	148999913	149365850 -	6607	304.5945	0.00221	0.483897	0.152648	3.170022	0.001682	0.093421	1
ENSG00000135686.8	TREATTXTPF-00547659 225mg	Week12	KLHL36	protein_coding	chr16	84682131	84701292 +	9995	3001.358	0	0.273916	0.08641	3.16997	0.001682	0.093421	1
ENSG00000249471.3	TREATTXTPF-00547659 225mg	Week12	ZNF324B	protein_coding	chr19	58962971	58969200 +	4618	162.5624	0	0.292948	0.092419	3.169776	0.001683	0.093421	1
ENSG00000183813.6	TREATTXTPF-00547659 75mg	Week12	CCR4	protein_coding	chr3	32993066	32997841 +	3095	867.8133	0	0.425131	0.134123	3.169704	0.001684	0.093421	1
ENSG00000271856.1	TREATTXTPF-00547659 225mg	Week12	RP11-861I	lincRNA	chr3	107844668	107857457 +	2592	609.4122	0.001105	0.476693	0.150426	3.168951	0.001688	0.093452	1
ENSG00000245937.3	TREATTXTPF-00547659 225mg	Week12	CTC-228N	lincRNA	chr5	127276118	127418864 -	6464	340.5072	0.001105	0.31194	0.098447	3.168599	0.00169	0.093452	1
ENSG0000023799.1	TREATTXTPF-00547659 75mg	Week12	IL10RB-AS	antisense	chr21	34636178	34638565 -	2228	89.44199	0.00221	-0.28967	0.091422	-3.16845	0.001691	0.093452	1
ENSG00000185404.12	TREATTXTPF-00547659 225mg	Week12	SP140L	protein_coding	chr2	231191899	231268447 +	5650	1829.238	0	0.24127	0.076148	3.168439	0.001691	0.093452	1
ENSG00000121966.6	TREATTXTPF-00547659 225mg	Week12	CXCR4	protein_coding	chr2	136871919	136875735 -	2224	18633.39	0	0.21846	0.068953	3.168247	0.001692	0.093452	1
ENSG00000140943.12	TREATTXTPF-00547659 225mg	Week12	MBTPS1	protein_coding	chr16	84087368	84150511 -	10226	3821.298	0	0.268323	0.084694	3.168151	0.001692	0.093452	1
ENSG00000023445.9	TREATTXTPF-00547659 225mg	Week12	BIRC3	protein_coding	chr11	102188215	102210134 +	7484	3214.43	0	0.470008	0.148354	3.168147	0.001692	0.093452	1
ENSG00000272799.1	TREATTXTPF-00547659 22.5mg	Week12	RP11-474I	lincRNA	chr18	9912313	9912846 -	534	21.52707	0.01547	-0.41382	0.130622	-3.16811	0.001693	0.093452	1
ENSG00000132142.15	TREATTXTPF-00547659 225mg	Week12	ACACA	protein_coding	chr17	35441923	35766909 -	13766	614.6243	0	0.274431	0.086625	3.168028	0.001693	0.093452	1
ENSG00000166881.5	TREATTXTPF-00547659 225mg	Week12	TMEM194	protein_coding	chr12	57449426	57481846 -	5708	721.4608	0	0.394576	0.124567	3.167594	0.001695	0.093527	1
ENSG00000158169.7	TREATTXTPF-00547659 225mg	Week12	FANCC	protein_coding	chr9	97861336	98079991 -	7089	177.7448	0	0.287647	0.090817	3.167338	0.001697	0.093527	1
ENSG00000138378.13	TREATTXTPF-00547659 75mg	Week12	STAT4	protein_coding	chr2	191894302	192016322 -	4250	2406.208	0	0.302793	0.095601	3.167262	0.001697	0.093527	1
ENSG00000197296.5	TREATTXTPF-00547659 225mg	Week12	FITM2	protein_coding	chr20	42931478	42939809 -	4597	303.8066	0	0.320271	0.101131	3.166908	0.001699	0.093569	1
ENSG00000197054.7	TREATTXTPF-00547659 225mg	Week12	ZNF763	protein_coding	chr19	12035890	12091196 +	3044	158.7713	0.00221	0.32817	0.103632	3.166698	0.001701	0.093569	1
ENSG00000187116.9	TREATTXTPF-00547659 225mg	Week12	LILRA5	protein_coding	chr19	54818353	54824409 -	1762	16050.98	0	-0.36044	0.113829	-3.16652	0.001701	0.093569	1
ENSG00000132002.3	TREATTXTPF-00547659 75mg	Week12	DNAJB1	protein_coding	chr19	14625582	14640582 -	3672	5216.915	0	0.139561	0.044077	3.166313	0.001703	0.093569	1
ENSG00000137171.10	TREATTXTPF-00547659 225mg	Week12	KLC4	protein_coding	chr6	43008515	43042837 +	6421	857.1149	0	0.16075	0.05077	3.166255	0.001703	0.093569	1
ENSG00000126016.9	TREATTXTPF-00547659 225mg	Week12	AMOT	protein_coding	chrX	112017731	112084043 -	8502	112.7901	0.005525	0.41851	0.132199	3.165768	0.001706	0.093635	1
ENSG00000048991.12	TREATTXTPF-00547659 225mg	Week12	R3HDM1	protein_coding	chr2	136289025	136482840 +	7898	1064.23	0	0.290377	0.091726	3.165693	0.001706	0.093635	1
ENSG00000115282.15	TREATTXTPF-00547659 225mg	Week12	TTC31	protein_coding	chr2	74710200	74722013 +	5094	1485.648	0	0.219451	0.06933	3.165302	0.001708	0.093703	1
ENSG00000231113.2	TREATTXTPF-00547659 225mg	Week12	RP3-475N	antisense	chr6	42908102	42916098 +	1490	473.7204	0	0.200386	0.06332	3.164656	0.001712	0.093761	1
ENSG00000156511.1	TREATTXTPF-00547659 225mg	Week12	RP11-61O	lincRNA	chr14	98602411	98605579 +	374	44.83757	0.020994	0.56278	0.177833	3.164648	0.001712	0.093761	1
ENSG00000122203.10	TREATTXTPF-00547659 225mg	Week12	KIAA1191	protein_coding	chr5	175773064	175788971 -	3973	1975.558	0	0.24869	0.078586	3.16457	0.001713	0.093761	1
ENSG00000181007.7	TREATTXTPF-00547659 225mg	Week12	ZFP82	protein_coding	chr19	36874022	36909558 -	7506	223.3669	0.001105	0.346613	0.109542	3.16421	0.001715	0.093761	1
ENSG00000112599.8	TREATTXTPF-00547659 225mg	Week12	GUCA1B	protein_coding	chr6	42152139	42162654 -	1113	74.49834	0.00663	0.361391	0.114218	3.164038	0.001716	0.093761	1
ENSG00000065526.6	TREATTXTPF-00547659 225mg	Week12	SPEN	protein_coding	chr1	16174359	16266955 +	13294	5750.085	0	0.26327	0.083223	3.163438	0.001719	0.093761	1
ENSG00000181036.9	TREATTXTPF-00547659 75mg	Week12	FCRL6	protein_coding	chr1	159770301	159786041 +	2671	1510.527	0	0.453272	0.143291	3.16329	0.00172	0.093761	1
ENSG0000003056.3	TREATTXTPF-00547659 225mg	Week12	M6PR	protein_coding	chr12	9092959	9102551 -	3777	6096.933	0	0.252603	0.079857	3.163196	0.00172	0.093761	1
ENSG00000221866.5	TREATTXTPF-00547659 225mg	Week12	PLXNA4	protein_coding	chr7	131808091	132333447 -	16372	94.61105	0.005525	0.495945	0.156793	3.163057	0.001721	0.093761	1
ENSG00000174989.8	TREATTXTPF-00547659 225mg	Week12	F8XW8	protein_coding	chr12	117348761	117468953 +	5169	425.2442	0	0.351002	0.110972	3.162985	0.001722	0.093761	1
ENSG00000042445.9	TREATTXTPF-00547659 75mg	Week12	RETSAT	protein_coding	chr2	85569211	85581743 -	4264	1053.683	0	0.180295	0.057003	3.162917	0.001722	0.093761	1
ENSG00000185101.8	TREATTXTPF-00547659 225mg	Week12	ANO9	protein_coding	chr11	417933	442011 -	6207	1066.309	0	0.38782	0.122621	3.162761	0.001723	0.093761	1
ENSG00000137747.10	TREATTXTPF-00547659 225mg	Week12	TMPRSS13	protein_coding	chr11	117771358	117800174 -	5367	113.2254	0.001105	0.29902	0.094544	3.162749	0.001723	0.093761	1
ENSG00000228663.1	TREATTXTPF-00547659 225mg	Week12	PSMD10P	pseudogene	chr20	49530268	49530948 +	681	21.01989	0.043094	0.567366	0.179394	3.162688	0.001723	0.093761	1
ENSG00000156395.8	TREATTXTPF-00547659 225mg	Week12	SORCS3	protein_coding	chr10	106400859	107024993 +	6182	43.27514	0.041989	0.614242	0.194232	3.162407	0.001725	0.093795	1
ENSG00000197182.8	TREATTXTPF-00547659 75mg	Week12	FLJ27365	protein_coding	chr22	46449749	46509808 +	5728	222.7768	0	0.272789	0.086267	3.162137	0.001726	0.093808	1
ENSG00000141068.9	TREATTXTPF-00547659 225mg	Week12	KSR1	protein_coding	chr17	25783670	25953461 +	11817	2658.19	0	0.264009	0.083494	3.162011	0.001727	0.093808	1
ENSG00000125459.10	TREATTXTPF-00547659 225mg	Week12	MSTO1	protein_coding	chr1	155579979	155718153 +	5359	273.3293	0	0.281455	0.089016	3.161849	0.001728	0.093808	1
ENSG00000204623.4	TREATTXTPF-00547659 225mg	Week12	ZNRD1-AS	antisense	chr6	29968788	30029417 -	19531	372.5779	0.001105	0.447254	0.141474	3.161395	0.001731	0.09385	1

ENSG00000143093.10	TREATTXTPF-00547659 75mg	Week12	STRIP1	protein_coding	chr1	110574199	110617263 +	7352	2012.431	0	0.160403	0.050739	3.16137	0.001731	0.09385	1
ENSG00000141076.13	TREATTXTPF-00547659 225mg	Week12	CIRH1A	protein_coding	chr16	69165194	69265033 +	5681	750.9724	0	0.249003	0.078769	3.161172	0.001732	0.093858	1
ENSG00000153575.6	TREATTXTPF-00547659 225mg	Week12	TUBGCP5	protein_coding	chr15	22833395	22873892 +	5940	401.8541	0.001105	0.357895	0.113256	3.160059	0.001738	0.094125	1
ENSG00000158604.10	TREATTXTPF-00547659 225mg	Week12	TMED4	protein_coding	chr7	44617493	44621886 +	3769	3247.283	0	0.160805	0.050889	3.159927	0.001739	0.094125	1
ENSG00000153898.8	TREATTXTPF-00547659 225mg	Week12	MCOLN2	protein_coding	chr1	85391268	85462796 -	3440	442.8232	0	0.405992	0.128493	3.159636	0.001741	0.094125	1
ENSG00000113319.7	TREATTXTPF-00547659 225mg	Week12	RASGRF2	protein_coding	chr5	80256491	80525975 +	10720	655.5602	0.001105	0.391688	0.123967	3.159627	0.001741	0.094125	1
ENSG00000172349.12	TREATTXTPF-00547659 75mg	Week12	IL16	protein_coding	chr15	81451916	81605104 +	10875	21669.99	0	0.133014	0.042107	3.158931	0.001745	0.094289	1
ENSG00000135966.8	TREATTXTPF-00547659 225mg	Week12	TGFBRAP1	protein_coding	chr2	105880871	105946491 -	5982	1260.007	0	0.25162	0.079672	3.1582	0.001749	0.094438	1
ENSG00000163482.7	TREATTXTPF-00547659 225mg	Week12	STK36	protein_coding	chr2	219536749	219567439 +	6458	381.0597	0.001105	0.246398	0.078024	3.157992	0.00175	0.094438	1
ENSG00000225032.1	TREATTXTPF-00547659 225mg	Week12	RP11-228f	antisense	chr9	130578345	130584799 +	2247	123.1094	0.00221	0.438967	0.139013	3.15775	0.001752	0.094438	1
ENSG00000110448.6	TREATTXTPF-00547659 75mg	Week12	CD5	protein_coding	chr11	60869867	60895324 +	3221	5431.571	0	0.329076	0.104216	3.157637	0.001752	0.094438	1
ENSG0000094880.6	TREATTXTPF-00547659 225mg	Week12	CDC23	protein_coding	chr5	137523339	137549032 -	4616	940.747	0	0.308941	0.097841	3.1576	0.001753	0.094438	1
ENSG00000205744.5	TREATTXTPF-00547659 225mg	Week12	DENND1C	protein_coding	chr19	6467218	6482568 -	4657	7137.203	0	0.166521	0.052742	3.157305	0.001754	0.094469	1
ENSG00000164574.11	TREATTXTPF-00547659 225mg	Week12	GALNT10	protein_coding	chr5	153570290	153800544 +	10497	3443.204	0	0.160228	0.050751	3.157104	0.001756	0.094469	1
ENSG0000070061.10	TREATTXTPF-00547659 225mg	Week12	IKBKAP	protein_coding	chr9	111629797	111696396 -	6048	1622.612	0	0.299337	0.094826	3.156703	0.001758	0.094469	1
ENSG00000112511.13	TREATTXTPF-00547659 75mg	Week12	PHF1	protein_coding	chr6	33378176	33384230 +	3596	3493.235	0	0.197608	0.062601	3.156643	0.001758	0.094469	1
ENSG00000101361.10	TREATTXTPF-00547659 225mg	Week12	NOP56	protein_coding	chr20	2632791	2639039 +	4761	3164.631	0	0.243259	0.077068	3.156396	0.00176	0.094469	1
ENSG00000173456.4	TREATTXTPF-00547659 225mg	Week12	RNF26	protein_coding	chr11	119205237	119208023 +	2787	1152.202	0	0.232236	0.073583	3.156124	0.001761	0.094469	1
ENSG00000158869.6	TREATTXTPF-00547659 225mg	Week12	RFC1G	protein_coding	chr1	161185024	161190489 +	964	22659.45	0	-0.29184	0.092469	-3.15604	0.001762	0.094469	1
ENSG00000103061.7	TREATTXTPF-00547659 225mg	Week12	SLC7A6OS	protein_coding	chr16	68318406	68344849 -	5187	1670.277	0	0.209218	0.066291	3.156032	0.001762	0.094469	1
ENSG0000007350.12	TREATTXTPF-00547659 225mg	Week12	TKTL1	protein_coding	chrX	153524024	153558700 +	3650	252.5304	0	0.327936	0.103917	3.155762	0.001763	0.094469	1
ENSG00000141503.11	TREATTXTPF-00547659 225mg	Week12	MINK1	protein_coding	chr17	4736683	4801356 +	7817	5654.406	0	0.189117	0.059929	3.155674	0.001764	0.094469	1
ENSG00000178773.10	TREATTXTPF-00547659 75mg	Week12	CPNE7	protein_coding	chr16	89642176	89663654 +	3048	25.41657	0.029834	0.504328	0.159819	3.155623	0.001764	0.094469	1
ENSG00000162426.10	TREATTXTPF-00547659 75mg	Week12	SLC45A1	protein_coding	chr1	8377886	8404227 +	2888	27.96022	0.01326	0.43034	0.136381	3.155424	0.001765	0.094478	1
ENSG00000043143.16	TREATTXTPF-00547659 22.5mg	Week12	PHF15	protein_coding	chr5	133860003	133918918 +	9873	4999.319	0	0.244301	0.07743	3.155111	0.001767	0.094522	1
ENSG00000117322.12	TREATTXTPF-00547659 225mg	Week12	CR2	protein_coding	chr1	207627575	207663240 +	4885	325.3425	0	0.459388	0.145628	3.154536	0.001771	0.094598	1
ENSG00000155229.16	TREATTXTPF-00547659 225mg	Week12	MMS19	protein_coding	chr10	99218081	99258551 -	5855	2388.198	0	0.218698	0.069329	3.154514	0.001771	0.094598	1
ENSG00000180385.4	TREATTXTPF-00547659 225mg	Week12	AC034193	pseudogene	chr3	10028577	10048674 +	3714	94.32818	0.003315	0.336468	0.106668	3.15436	0.001772	0.094598	1
ENSG00000101158.8	TREATTXTPF-00547659 225mg	Week12	NELFCD	protein_coding	chr20	57556263	57570188 +	6298	2043.264	0	0.234108	0.074233	3.153704	0.001775	0.094643	1
ENSG00000197774.8	TREATTXTPF-00547659 225mg	Week12	EME2	protein_coding	chr16	1823208	1831709 +	6972	528.3227	0	0.236367	0.074951	3.153621	0.001776	0.094643	1
ENSG00000253865.1	TREATTXTPF-00547659 75mg	Week12	RP11-394f	antisense	chr5	148751737	148754679 +	588	24.94807	0.01547	0.45925	0.145633	3.153467	0.001777	0.094643	1
ENSG00000254477.1	TREATTXTPF-00547659 225mg	Week12	RP11-63D	lincRNA	chr11	38520545	38521736 +	510	4.214365	0.445304	-0.50632	0.160572	-3.15322	0.001778	0.094643	1
ENSG00000148218.11	TREATTXTPF-00547659 225mg	Week12	ALAD	protein_coding	chr9	116148597	116163613 -	5170	1922.769	0	0.18939	0.060063	3.153201	0.001778	0.094643	1
ENSG00000160633.8	TREATTXTPF-00547659 225mg	Week12	SAFB	protein_coding	chr19	5623046	5668489 +	7036	5813.823	0	0.131989	0.041859	3.1532	0.001778	0.094643	1
ENSG00000255569.1	TREATTXTPF-00547659 75mg	Week12	TRAV1-1	TR_V_gene	chr14	22089991	22090720 +	392	5.621989	0.014365	0.484658	0.153741	3.152432	0.001783	0.094831	1
ENSG00000254420.1	TREATTXTPF-00547659 75mg	Week12	RP11-452h	antisense	chr11	78035804	78155095 +	437	46.20994	0.488398	-0.54493	0.172914	-3.15143	0.001789	0.095092	1
ENSG00000270060.1	TREATTXTPF-00547659 225mg	Week12	RP11-390h	sense_intronic	chr11	47189832	47191114 -	574	54.80663	0.005525	0.383836	0.121826	3.150699	0.001793	0.095246	1
ENSG00000171130.13	TREATTXTPF-00547659 75mg	Week12	ATP6V0E2	protein_coding	chr7	149570057	149577784 +	3332	1679.429	0	0.30078	0.095468	3.15058	0.001794	0.095246	1
ENSG00000186566.7	TREATTXTPF-00547659 225mg	Week12	GPATCH8	protein_coding	chr17	42472652	42580798 -	9442	2767.414	0	0.280564	0.089056	3.150437	0.001795	0.095246	1
ENSG00000170085.13	TREATTXTPF-00547659 225mg	Week12	SIMC1	protein_coding	chr5	175665365	175772994 +	5702	428.3503	0.001105	0.348657	0.110679	3.150179	0.001796	0.095274	1
ENSG00000163564.10	TREATTXTPF-00547659 75mg	Week12	PYHIN1	protein_coding	chr1	158900586	158946844 +	3479	1316.094	0	0.352222	0.11182	3.149908	0.001798	0.095307	1
ENSG00000118508.4	TREATTXTPF-00547659 75mg	Week12	RAB32	protein_coding	chr6	146864829	146876101 +	1217	2407.976	0	-0.21338	0.067764	-3.1489	0.001804	0.095361	1
ENSG00000167615.12	TREATTXTPF-00547659 225mg	Week12	LENG8	protein_coding	chr19	54960065	54973217 +	6470	14581.11	0	0.235183	0.07469	3.148793	0.001805	0.095361	1
ENSG00000157895.7	TREATTXTPF-00547659 225mg	Week12	C12orf43	protein_coding	chr12	121440225	121454305 -	4207	512.7083	0	0.2259	0.071745	3.148664	0.001805	0.095361	1
ENSG00000066827.11	TREATTXTPF-00547659 22.5mg	Week12	ZFAT	protein_coding	chr8	135490031	135725292 -	8900	747.3779	0	0.166995	0.05304	3.148466	0.001807	0.095361	1
ENSG00000128394.12	TREATTXTPF-00547659 225mg	Week12	APOBEC3F	protein_coding	chr22	39436609	39449915 +	3242	445.5459	0	0.279764	0.088859	3.148394	0.001807	0.095361	1
ENSG00000160285.10	TREATTXTPF-00547659 225mg	Week12	LSS	protein_coding	chr21	47608055	47648738 +	7238	1387.059	0	0.269148	0.085493	3.148176	0.001808	0.095361	1
ENSG00000233461.1	TREATTXTPF-00547659 225mg	Week12	RP11-295c	antisense	chr1	231658134	231664302 -	1021	313.7171	0	-0.35016	0.111229	-3.14809	0.001809	0.095361	1
ENSG00000167325.10	TREATTXTPF-00547659 225mg	Week12	RRM1	protein_coding	chr11	4115937	4160106 +	4178	1081.069	0	0.287329	0.091273	3.148028	0.001809	0.095361	1
ENSG00000105447.8	TREATTXTPF-00547659 225mg	Week12	GRWD1	protein_coding	chr19	48949030	48960279 +	5763	1079.05	0	0.250176	0.079473	3.147951	0.00181	0.095361	1
ENSG00000094631.14	TREATTXTPF-00547659 225mg	Week12	HDAC6	protein_coding	chrX	48659784	48683392 +	10412	1839.755	0	0.183983	0.058447	3.147844	0.00181	0.095361	1
ENSG00000107937.14	TREATTXTPF-00547659 225mg	Week12	GTPBP4	protein_coding	chr10	1034338	1065876 +	6161	1246.115	0	0.256369	0.081452	3.147471	0.001813	0.095361	1
ENSG00000240875.1	TREATTXTPF-00547659 225mg	Week12	LINC0088f	lincRNA	chr3	156465135	156534851 -	3822	52.79006	0.01105	0.495688	0.157507	3.147082	0.001815	0.095361	1

ENSG00000082014.12	TREATTXTPF-00547659 225mg	Week12	SMARCD3	protein_coding	chr7	150935850	150974982	-	5198	2218.819	0	-0.20906	0.066432	-3.14697	0.001816	0.095361	1
ENSG00000226696.1	TREATTXTPF-00547659 225mg	Week12	LENG8-AS	antisense	chr19	54955991	54960223	-	1248	113.3901	0.00442	0.383966	0.122018	3.146814	0.001816	0.095361	1
ENSG00000156650.8	TREATTXTPF-00547659 225mg	Week12	KAT6B	protein_coding	chr10	76585340	76792380	+	13400	1014.968	0	0.368754	0.117187	3.146702	0.001817	0.095361	1
ENSG00000125637.11	TREATTXTPF-00547659 75mg	Week12	PSD4	protein_coding	chr2	113914902	113966973	+	13442	18118.49	0	0.149543	0.047526	3.146566	0.001818	0.095361	1
ENSG00000116151.9	TREATTXTPF-00547659 225mg	Week12	MORN1	protein_coding	chr1	2252692	2323146	-	8403	81.21657	0.00221	0.292692	0.093022	3.146476	0.001818	0.095361	1
ENSG00000113522.9	TREATTXTPF-00547659 225mg	Week12	RAD50	protein_coding	chr5	131891711	131980313	+	8091	1018.427	0	0.344782	0.10958	3.146399	0.001819	0.095361	1
ENSG00000242398.2	TREATTXTPF-00547659 225mg	Week12	RN7SL8001	misc_RNA	chr17	60083100	60083348	-	249	3.891713	0.290608	0.443865	0.141071	3.146397	0.001819	0.095361	1
ENSG00000270081.1	TREATTXTPF-00547659 225mg	Week12	RP5-935K1	lincRNA	chr2	128601127	128603261	-	2135	360.8409	0	0.260951	0.08294	3.146275	0.00182	0.095361	1
ENSG00000050327.10	TREATTXTPF-00547659 75mg	Week12	ARHGEF5	protein_coding	chr7	144052381	144077725	+	5818	84.22652	0.001105	0.312946	0.099468	3.14621	0.00182	0.095361	1
ENSG00000110987.4	TREATTXTPF-00547659 225mg	Week12	BCL7A	protein_coding	chr12	122457328	122499948	+	6563	328.0431	0.001105	0.454967	0.144635	3.145609	0.001824	0.095498	1
ENSG00000213394.3	TREATTXTPF-00547659 225mg	Week12	RP4-747G	pseudogene	chr7	100846895	100847776	-	882	1.457459	0.671823	0.364146	0.115771	3.145413	0.001825	0.095507	1
ENSG00000261546.1	TREATTXTPF-00547659 225mg	Week12	CTD-2555	antisense	chr16	89179583	89181687	-	2105	15.65193	0.047514	0.464202	0.147605	3.144897	0.001828	0.095618	1
ENSG00000158828.5	TREATTXTPF-00547659 225mg	Week12	PINK1	protein_coding	chr1	20959948	20978004	+	4836	10611.17	0	-0.25894	0.082361	-3.14398	0.001834	0.095803	1
ENSG00000145833.11	TREATTXTPF-00547659 225mg	Week12	DDX46	protein_coding	chr5	134094469	134190823	+	9214	20963.864	0	0.242033	0.076993	3.143563	0.001836	0.095803	1
ENSG00000177873.8	TREATTXTPF-00547659 225mg	Week12	ZNF619	protein_coding	chr3	40518604	40531727	+	4514	291.3304	0.00221	0.344883	0.109714	3.143483	0.001837	0.095803	1
ENSG00000166997.3	TREATTXTPF-00547659 225mg	Week12	CNPY4	protein_coding	chr7	99717236	99723134	+	2475	587.9083	0	0.270243	0.085973	3.143358	0.001837	0.095803	1
ENSG00000168495.8	TREATTXTPF-00547659 225mg	Week12	POLR3D	protein_coding	chr8	22102617	22112113	+	5613	721.4398	0	0.280954	0.089382	3.1433	0.001838	0.095803	1
ENSG00000196715.5	TREATTXTPF-00547659 225mg	Week12	VKORC1L1	protein_coding	chr7	65338254	65424550	+	5899	755.6497	0	0.250184	0.079597	3.143144	0.001839	0.095803	1
ENSG00000124067.12	TREATTXTPF-00547659 225mg	Week12	SLC12A4	protein_coding	chr16	67977377	68003504	-	8298	768.9536	0	0.176427	0.056138	3.142719	0.001841	0.095803	1
ENSG00000112584.9	TREATTXTPF-00547659 225mg	Week12	FAM120B	protein_coding	chr6	170599791	170716153	+	6029	2201.74	0	0.151095	0.048081	3.14251	0.001843	0.095803	1
ENSG00000211829.2	TREATTXTPF-00547659 75mg	Week12	TRDC	TR_C_gene	chr14	22931924	22934779	+	720	1444.555	0	0.397019	0.126338	3.14251	0.001843	0.095803	1
ENSG00000132846.5	TREATTXTPF-00547659 225mg	Week12	ZBED3	protein_coding	chr5	76367897	76383148	-	6514	220.2442	0.003315	0.376579	0.119836	3.142443	0.001843	0.095803	1
ENSG00000204394.8	TREATTXTPF-00547659 225mg	Week12	VARS	protein_coding	chr6	31745295	31763730	-	6081	2121.709	0	0.252957	0.080498	3.142402	0.001843	0.095803	1
ENSG00000148219.12	TREATTXTPF-00547659 225mg	Week12	ASTN2	protein_coding	chr9	119187504	120177348	-	8290	56.89834	0.00221	0.397691	0.126561	3.142282	0.001844	0.095803	1
ENSG00000204519.6	TREATTXTPF-00547659 225mg	Week12	ZNF551	protein_coding	chr19	58193337	58228669	+	4709	350.021	0.001105	0.452407	0.143981	3.142138	0.001845	0.095803	1
ENSG00000250361.2	TREATTXTPF-00547659 225mg	Week12	GYPB	protein_coding	chr4	144917257	145061844	+	1659	166.0519	0.00884	-0.76963	0.244951	-3.14198	0.001846	0.095803	1
ENSG00000229164.5	TREATTXTPF-00547659 75mg	Week12	TRAC	TR_C_gene	chr14	23016447	23021097	+	974	15945.28	0	0.338616	0.107791	3.141417	0.001849	0.095803	1
ENSG00000228794.4	TREATTXTPF-00547659 225mg	Week12	RP11-206L	processed_transcript	chr1	762988	794826	+	8525	349.6773	0	0.285695	0.090946	3.141389	0.001849	0.095822	1
ENSG00000233351.1	TREATTXTPF-00547659 75mg	Week12	RP1-69D1	antisense	chr6	129800760	129802555	-	391	1.022099	0.760221	0.313896	0.099925	3.141329	0.00185	0.095822	1
ENSG00000196793.9	TREATTXTPF-00547659 225mg	Week12	ZNF239	protein_coding	chr10	44051792	44070066	-	2509	73.1768	0.01105	0.524233	0.1669	3.141003	0.001852	0.095822	1
ENSG00000101346.7	TREATTXTPF-00547659 225mg	Week12	POFU1	protein_coding	chr20	30795683	30826470	+	6426	1241.219	0	0.255195	0.081249	3.140902	0.001852	0.095822	1
ENSG00000107581.8	TREATTXTPF-00547659 225mg	Week12	EIF3A	protein_coding	chr10	120794356	120840316	-	6048	6380.497	0	0.310554	0.098876	3.140849	0.001853	0.095822	1
ENSG00000155256.13	TREATTXTPF-00547659 225mg	Week12	ZFYVE27	protein_coding	chr10	99496878	99520664	+	4031	2719.187	0	0.152349	0.048514	3.140295	0.001856	0.095822	1
ENSG00000211793.2	TREATTXTPF-00547659 225mg	Week12	TRAV9-2	TR_V_gene	chr14	22409313	22409848	+	394	260.189	0.001105	0.407345	0.129716	3.140291	0.001856	0.095822	1
ENSG00000143486.11	TREATTXTPF-00547659 225mg	Week12	EIF2D	protein_coding	chr1	206744620	206785904	+	2882	1645.641	0	0.259569	0.082664	3.140046	0.001858	0.095822	1
ENSG00000139725.3	TREATTXTPF-00547659 225mg	Week12	RHF	protein_coding	chr12	122215664	122241309	-	6177	4453.059	0	0.236511	0.075326	3.139841	0.001859	0.095822	1
ENSG00000171466.5	TREATTXTPF-00547659 225mg	Week12	ZNF562	protein_coding	chr19	9759330	9785776	-	6175	670.4641	0	0.270932	0.086295	3.139584	0.00186	0.095822	1
ENSG00000214765.4	TREATTXTPF-00547659 225mg	Week12	SEPT7P2	pseudogene	chr7	45763379	45808617	-	4538	412.3569	0.001105	0.327913	0.104446	3.139554	0.001861	0.095822	1
ENSG00000120659.10	TREATTXTPF-00547659 225mg	Week12	TNFSF11	protein_coding	chr13	43136872	43182149	+	2733	11.84751	0.097238	0.581882	0.18535	3.139377	0.001862	0.095822	1
ENSG00000091409.10	TREATTXTPF-00547659 225mg	Week12	ITGA6	protein_coding	chr2	173292082	173371181	+	6704	1853.372	0	0.39685	0.126416	3.13924	0.001863	0.095822	1
ENSG00000130749.5	TREATTXTPF-00547659 225mg	Week12	ZC3H4	protein_coding	chr19	47567444	47617009	-	6502	3059.927	0	0.21178	0.067463	3.139184	0.001863	0.095822	1
ENSG00000255363.1	TREATTXTPF-00547659 7.5mg	Week12	RP11-672L	lincRNA	chr11	76339140	76341407	-	559	2.020994	0.560221	0.393408	0.125324	3.139142	0.001863	0.095822	1
ENSG00000175414.6	TREATTXTPF-00547659 225mg	Week12	ARL10	protein_coding	chr5	175792471	175828866	+	11459	417.7646	0.001105	0.482596	0.153736	3.139121	0.001863	0.095822	1
ENSG00000011021.17	TREATTXTPF-00547659 225mg	Week12	CLCN6	protein_coding	chr1	11866207	11903201	+	6884	850.5635	0	0.28381	0.090417	3.138916	0.001865	0.095835	1
ENSG00000099622.9	TREATTXTPF-00547659 225mg	Week12	CIRBP	protein_coding	chr19	1259384	1274879	+	6890	11746.39	0	0.188863	0.060173	3.138661	0.001866	0.095843	1
ENSG00000173065.9	TREATTXTPF-00547659 225mg	Week12	FAM222B	protein_coding	chr17	27082996	27182250	-	5516	866.221	0	0.163612	0.05213	3.138562	0.001867	0.095843	1
ENSG00000257386.1	TREATTXTPF-00547659 7.5mg	Week12	RP11-56G	antisense	chr12	74931925	74932413	-	375	1.428729	0.654144	0.349268	0.111324	3.137407	0.001874	0.096157	1
ENSG00000144580.9	TREATTXTPF-00547659 225mg	Week12	RQCD1	protein_coding	chr2	219433303	219461803	+	5292	1979.534	0	0.220706	0.070354	3.137084	0.001876	0.096208	1
ENSG00000130299.12	TREATTXTPF-00547659 225mg	Week12	ITPBP3	protein_coding	chr19	17445729	17453544	+	4532	463.568	0	0.293589	0.093597	3.136733	0.001878	0.096268	1
ENSG00000099282.5	TREATTXTPF-00547659 75mg	Week12	TSPAN15	protein_coding	chr10	71211229	71267425	+	2646	71.59669	0.00663	0.447004	0.14257	3.135341	0.001887	0.096624	1
ENSG00000167522.10	TREATTXTPF-00547659 225mg	Week12	ANKRD11	protein_coding	chr16	89334038	89556969	-	15352	5910.292	0	0.175013	0.055826	3.134951	0.001889	0.096624	1
ENSG00000215788.5	TREATTXTPF-00547659 225mg	Week12	TNFRSF25	protein_coding	chr1	6521211	6526255	-	3918	2322.715	0	0.388859	0.124046	3.134808	0.00189	0.096624	1
ENSG00000139193.3	TREATTXTPF-00547659 225mg	Week12	CD27	protein_coding	chr12	6554033	6560884	+	1410	3838.575	0	0.340459	0.108609				

ENSG00000163754.13	TREATTXTPF-00547659 75mg	Week12	GYG1	protein_coding	chr3	148709128	148745419 +	3475	6292.619	0	-0.38571	0.123046	-3.13469	0.001891	0.096624	1
ENSG00000186260.12	TREATTXTPF-00547659 225mg	Week12	MKL2	protein_coding	chr16	14165178	14360630 +	16578	214.9017	0.00221	0.55712	0.177743	3.134412	0.001892	0.096624	1
ENSG00000272365.1	TREATTXTPF-00547659 225mg	Week12	RP11-389C	lincRNA	chr5	71663446	71664222 +	777	35.56464	0.01547	0.544662	0.173776	3.134269	0.001893	0.096624	1
ENSG00000213672.3	TREATTXTPF-00547659 225mg	Week12	NCKIPSD	protein_coding	chr3	48701364	48723797 +	3635	584.1956	0	0.228222	0.072821	3.133997	0.001895	0.096624	1
ENSG00000158545.11	TREATTXTPF-00547659 225mg	Week12	ZC3H18	protein_coding	chr16	88636789	88698374 +	8648	3249.919	0	0.17301	0.055206	3.133912	0.001896	0.096624	1
ENSG00000164241.9	TREATTXTPF-00547659 225mg	Week12	C5orf63	protein_coding	chr5	126378250	126409184 -	7190	137.453	0.003315	0.444681	0.141898	3.133818	0.001896	0.096624	1
ENSG00000196363.5	TREATTXTPF-00547659 225mg	Week12	WDR5	protein_coding	chr9	137000487	137025093 +	3660	1376.74	0	0.214241	0.068364	3.133816	0.001896	0.096624	1
ENSG00000101004.10	TREATTXTPF-00547659 225mg	Week12	NINL	protein_coding	chr20	25433341	25566153 -	6008	52.54365	0.014365	0.52611	0.167912	3.133254	0.0019	0.096751	1
ENSG00000100385.9	TREATTXTPF-00547659 75mg	Week12	IL2RB	protein_coding	chr22	37521878	37571094 -	4700	6972.175	0	0.344255	0.109882	3.132942	0.001902	0.096756	1
ENSG00000005100.8	TREATTXTPF-00547659 225mg	Week12	DHX33	protein_coding	chr17	5344232	5372380 -	5872	535.2575	0.001105	0.355341	0.113422	3.132914	0.001902	0.096756	1
ENSG00000179222.13	TREATTXTPF-00547659 225mg	Week12	MAGED1	protein_coding	chrX	51546103	51645453 +	6016	1174.478	0	0.280983	0.089694	3.132695	0.001903	0.096774	1
ENSG00000185189.11	TREATTXTPF-00547659 225mg	Week12	NRBP2	protein_coding	chr8	144915764	144924200 -	4936	386.2807	0.001105	0.347476	0.110975	3.131126	0.001913	0.097187	1
ENSG00000168803.10	TREATTXTPF-00547659 225mg	Week12	ADAL	protein_coding	chr15	43622872	43646096 +	5054	128.2696	0.001105	0.323061	0.103179	3.131078	0.001913	0.097187	1
ENSG00000249042.1	TREATTXTPF-00547659 22.5mg	Week12	CTD-2015f	antisense	chr5	79778112	79783882 -	1261	12.28729	0.066298	-0.50122	0.160089	-3.13087	0.001915	0.0972	1
ENSG00000037474.10	TREATTXTPF-00547659 225mg	Week12	NSUN2	protein_coding	chr5	6599352	6633404 -	5506	2587.904	0	0.256568	0.081962	3.130321	0.001918	0.097325	1
ENSG00000173575.14	TREATTXTPF-00547659 225mg	Week12	CHD2	protein_coding	chr15	93426526	93571237 +	17837	7175.769	0	0.226984	0.072534	3.129367	0.001924	0.097543	1
ENSG00000134014.12	TREATTXTPF-00547659 225mg	Week12	ELP3	protein_coding	chr8	27947190	28048673 +	5390	1449.528	0	0.224722	0.071812	3.129317	0.001924	0.097543	1
ENSG00000230289.1	TREATTXTPF-00547659 22.5mg	Week12	RP11-334J	antisense	chr9	134391945	134397616 -	473	4.876243	0.234254	0.474744	0.151746	3.12854	0.001929	0.097677	1
ENSG00000122547.6	TREATTXTPF-00547659 75mg	Week12	EPD1	protein_coding	chr7	36192758	36341152 +	4847	1807.276	0	0.227798	0.072813	3.128527	0.00193	0.097677	1
ENSG00000131043.7	TREATTXTPF-00547659 225mg	Week12	AAR2	protein_coding	chr20	34824381	34858840 +	3101	1628.617	0	0.220212	0.070394	3.128263	0.001931	0.097677	1
ENSG00000182372.6	TREATTXTPF-00547659 225mg	Week12	CLN8	protein_coding	chr8	1703944	1734738 +	8111	880.1602	0	0.282238	0.090229	3.128037	0.001933	0.097677	1
ENSG00000078269.9	TREATTXTPF-00547659 22.5mg	Week12	SYNJ2	protein_coding	chr6	158402888	158520208 +	9985	640.1127	0	0.294452	0.094147	3.127582	0.001936	0.097677	1
ENSG00000033170.12	TREATTXTPF-00547659 225mg	Week12	FUT8	protein_coding	chr14	65877310	66210839 +	6889	542.2133	0	0.351522	0.112395	3.12756	0.001936	0.097677	1
ENSG00000101445.5	TREATTXTPF-00547659 75mg	Week12	PPP1R16B	protein_coding	chr20	37434348	37551667 +	6400	2970.737	0	0.311798	0.099698	3.127416	0.001937	0.097677	1
ENSG00000112053.9	TREATTXTPF-00547659 75mg	Week12	SLC26A8	protein_coding	chr6	35911291	35992645 -	6036	1126.513	0	-0.42848	0.137013	-3.12732	0.001937	0.097677	1
ENSG00000116667.8	TREATTXTPF-00547659 75mg	Week12	C1orf21	protein_coding	chr1	184356192	184598154 +	10971	625.4298	0	0.385467	0.123258	3.127313	0.001937	0.097677	1
ENSG00000076650.2	TREATTXTPF-00547659 225mg	Week12	GPATCH1	protein_coding	chr19	33571786	33621448 +	4488	590.095	0	0.212726	0.068023	3.127282	0.001937	0.097677	1
ENSG00000100416.8	TREATTXTPF-00547659 225mg	Week12	TRMU	protein_coding	chr22	46726772	46753237 +	8584	945.5669	0	0.240908	0.077042	3.126945	0.00194	0.097731	1
ENSG00000167840.9	TREATTXTPF-00547659 225mg	Week12	ZNF232	protein_coding	chr17	5008836	5026411 -	2794	223.9282	0	0.319184	0.10208	3.126794	0.001941	0.097731	1
ENSG00000167635.7	TREATTXTPF-00547659 225mg	Week12	ZNF146	protein_coding	chr19	36705504	36729676 +	4146	1762.516	0	0.363386	0.116225	3.126584	0.001942	0.097747	1
ENSG00000183625.10	TREATTXTPF-00547659 75mg	Week12	CCR3	protein_coding	chr3	46205096	46308197 +	3647	2101.976	0.001105	0.439975	0.140729	3.126394	0.001943	0.097756	1
ENSG00000108439.5	TREATTXTPF-00547659 225mg	Week12	PNPO	protein_coding	chr17	46018872	46025654 +	2861	613.5856	0	0.242947	0.077714	3.126158	0.001945	0.097768	1
ENSG00000104921.10	TREATTXTPF-00547659 225mg	Week12	FCER2	protein_coding	chr19	7753644	7767032 -	2367	1294.491	0	0.388742	0.124367	3.125763	0.001947	0.097768	1
ENSG00000173914.7	TREATTXTPF-00547659 75mg	Week12	RBM4B	protein_coding	chr11	66432469	66445392 -	4325	691.1204	0	0.204615	0.065462	3.125721	0.001947	0.097768	1
ENSG00000185436.7	TREATTXTPF-00547659 75mg	Week12	IFNLR1	protein_coding	chr1	24480647	24514449 -	4923	279.3746	0.001105	0.406376	0.130011	3.125712	0.001947	0.097768	1
ENSG00000149531.10	TREATTXTPF-00547659 225mg	Week12	FRG1B	protein_coding	chr20	29611857	29634010 +	1770	480.6088	0	0.338058	0.108161	3.125509	0.001949	0.097782	1
ENSG00000084463.3	TREATTXTPF-00547659 75mg	Week12	WBP11	protein_coding	chr12	14939410	14956474 -	3418	3314.901	0	0.228641	0.073158	3.125313	0.00195	0.097793	1
ENSG00000269928.1	TREATTXTPF-00547659 225mg	Week12	RP11-849F	lincRNA	chr17	8128139	8128798 -	660	432.5403	0.001105	0.272963	0.087352	3.124875	0.001953	0.097882	1
ENSG00000067840.8	TREATTXTPF-00547659 75mg	Week12	PDZD4	protein_coding	chrX	153067621	153096020 -	4381	1174.505	0	0.357405	0.114399	3.124204	0.001957	0.098008	1
ENSG00000123064.8	TREATTXTPF-00547659 225mg	Week12	DDX54	protein_coding	chr12	113594979	113623284 -	5064	2468.383	0	0.237847	0.076131	3.124164	0.001957	0.098008	1
ENSG00000160959.3	TREATTXTPF-00547659 225mg	Week12	LRRC14	protein_coding	chr8	145743376	145750557 +	6131	1003.841	0	0.240359	0.07695	3.123569	0.001961	0.098148	1
ENSG00000213380.9	TREATTXTPF-00547659 225mg	Week12	COG8	protein_coding	chr16	69354043	69373570 -	5784	484.0818	0	0.191676	0.061369	3.123341	0.001963	0.09817	1
ENSG00000102974.10	TREATTXTPF-00547659 225mg	Week12	CTCF	protein_coding	chr16	67596310	67673086 +	4301	3502.33	0	0.216126	0.06921	3.122766	0.001966	0.098304	1
ENSG00000160284.10	TREATTXTPF-00547659 225mg	Week12	SPATC1L	protein_coding	chr21	47581062	47604390 -	2333	245.6597	0	0.349142	0.111825	3.122221	0.00197	0.098428	1
ENSG00000167716.14	TREATTXTPF-00547659 225mg	Week12	WDR81	protein_coding	chr17	1619817	1641893 +	7913	2746.177	0	0.228819	0.073298	3.121774	0.001973	0.098498	1
ENSG00000268895.1	TREATTXTPF-00547659 225mg	Week12	A1BG-AS1	antisense	chr19	58859117	58866549 +	2793	281.9867	0.001105	0.280778	0.089944	3.121686	0.001973	0.098498	1
ENSG00000163754.13	TREATTXTPF-00547659 225mg	Week12	GYG1	protein_coding	chr3	148709128	148745419 +	3475	6292.619	0	-0.39452	0.126392	-3.12136	0.001976	0.098551	1
ENSG00000136485.10	TREATTXTPF-00547659 225mg	Week12	DCAF7	protein_coding	chr17	61627822	61671639 +	6587	5923.379	0	0.215523	0.069057	3.120948	0.001978	0.098633	1
ENSG00000135778.7	TREATTXTPF-00547659 225mg	Week12	NTPCR	protein_coding	chr1	233086351	233119628 +	15854	575.4022	0	0.253235	0.081148	3.120657	0.00198	0.09864	1
ENSG00000118113.7	TREATTXTPF-00547659 75mg	Week12	MMP8	protein_coding	chr11	102582526	102597781 -	3438	982.316	0.00221	-0.80006	0.256379	-3.12061	0.00198	0.09864	1
ENSG00000100994.7	TREATTXTPF-00547659 225mg	Week12	PYGB	protein_coding	chr20	25228705	25278650 +	4474	3578.52	0	0.205832	0.065979	3.119677	0.001987	0.098812	1
ENSG00000174227.11	TREATTXTPF-00547659 225mg	Week12	PIGG	protein_coding	chr4	492989	533985 +	10905	1923.761	0	0.217797	0.069817	3.119559	0.001987	0.098812	1
ENSG00000183696.9	TREATTXTPF-00547659 75mg	Week12	UPP1	protein_coding	chr7	48128225	48148330 +	4577	5314.838	0	-0.2871	0.092034	-3.11956	0.001987	0.098812	1

ENSG00000137310.7	TREATTXTPF-00547659 75mg	Week12	TCF19	protein_coding	chr6	31126319	31134936 +	3538	434.5757	0	0.271269	0.086961	3.11944	0.001988	0.098812	1
ENSG00000179715.8	TREATTXTPF-00547659 225mg	Week12	PCED1B	protein_coding	chr12	47473386	47630443 +	2616	3032.566	0	0.333693	0.106984	3.119097	0.00199	0.098871	1
ENSG00000272645.1	TREATTXTPF-00547659 225mg	Week12	RP11-504F	lincRNA	chr1	224139096	224141141 -	2046	267.9956	0.001105	0.235144	0.075394	3.118879	0.001992	0.098891	1
ENSG00000136270.9	TREATTXTPF-00547659 225mg	Week12	TBRG4	protein_coding	chr7	45139699	45151646 -	5803	1804.124	0	0.236913	0.075973	3.118408	0.001995	0.098992	1
ENSG00000182134.11	TREATTXTPF-00547659 225mg	Week12	TDRKH	protein_coding	chr1	151742583	151763892 -	5092	327.7945	0	0.319189	0.102381	3.117669	0.002	0.099181	1
ENSG00000170322.10	TREATTXTPF-00547659 225mg	Week12	NFRKB	protein_coding	chr11	129733531	129765485 -	6335	1686.559	0	0.205107	0.065798	3.117209	0.002003	0.09927	1
ENSG00000204314.6	TREATTXTPF-00547659 225mg	Week12	PRRT1	protein_coding	chr6	32116136	32122150 -	4261	73.76906	0.00442	0.45357	0.145518	3.116945	0.002004	0.09927	1
ENSG00000147144.8	TREATTXTPF-00547659 75mg	Week12	CCDC120	protein_coding	chrX	48911101	48927509 +	5439	304.7348	0	0.269435	0.086445	3.116824	0.002005	0.09927	1
ENSG00000131779.6	TREATTXTPF-00547659 225mg	Week12	PEX11B	protein_coding	chr1	145516252	145523730 +	1838	1223.196	0	0.176894	0.056756	3.11674	0.002006	0.09927	1
ENSG00000180549.7	TREATTXTPF-00547659 225mg	Week12	FUT7	protein_coding	chr9	139924626	139927462 -	2584	3783.955	0	-0.30237	0.097028	-3.11633	0.002008	0.09927	1
ENSG00000175600.11	TREATTXTPF-00547659 225mg	Week12	C7orf10	protein_coding	chr7	40174575	40900362 +	3590	13.57901	0.064088	0.517231	0.16598	3.116226	0.002009	0.09927	1
ENSG00000096384.15	TREATTXTPF-00547659 225mg	Week12	HSP90AB1	protein_coding	chr6	44214824	44221620 +	2796	17218.32	0	0.244308	0.078399	3.116202	0.002009	0.09927	1
ENSG00000015520.10	TREATTXTPF-00547659 225mg	Week12	NPC1L1	protein_coding	chr7	44552134	44580914 -	5252	3.343646	0.369061	0.453243	0.145451	3.116124	0.00201	0.09927	1
ENSG00000168016.9	TREATTXTPF-00547659 22.5mg	Week12	TRANK1	protein_coding	chr3	36868311	36986548 -	11182	12027.15	0	0.280468	0.090024	3.115487	0.002014	0.099426	1
ENSG00000114767.6	TREATTXTPF-00547659 225mg	Week12	RRP9	protein_coding	chr3	51967446	51975957 -	1578	449.8155	0	0.263072	0.084461	3.114702	0.002019	0.09963	1
ENSG00000271964.1	TREATTXTPF-00547659 225mg	Week12	RP11-415F	antisense	chr3	16355946	16356494 +	549	96.70055	0.00442	0.40898	0.131328	3.114182	0.002023	0.099735	1
ENSG00000100297.11	TREATTXTPF-00547659 225mg	Week12	MCM5	protein_coding	chr22	35796056	35821423 +	7338	2619.959	0	0.209359	0.067238	3.113678	0.002026	0.099735	1
ENSG00000214753.2	TREATTXTPF-00547659 225mg	Week12	HNRNPUL	protein_coding	chr11	62480102	62494821 -	5293	2607.682	0	0.188843	0.060649	3.113675	0.002026	0.099735	1
ENSG00000131115.11	TREATTXTPF-00547659 225mg	Week12	ZNF227	protein_coding	chr19	44711700	44741421 +	5059	699.0486	0	0.260872	0.083784	3.113634	0.002026	0.099735	1
ENSG00000204568.7	TREATTXTPF-00547659 225mg	Week12	MRPS18B	protein_coding	chr6	30585486	30594172 +	1888	1381.602	0	0.243309	0.078144	3.113592	0.002027	0.099735	1
ENSG00000140968.6	TREATTXTPF-00547659 225mg	Week12	IRF8	protein_coding	chr16	85932409	85956215 +	5162	3584.822	0	0.268554	0.086272	3.112895	0.002031	0.099841	1
ENSG00000232869.2	TREATTXTPF-00547659 225mg	Week12	TRBV29-1	TR_V_gene	chr7	142448053	142448741 +	402	447.3978	0	0.375049	0.120484	3.112847	0.002032	0.099841	1
ENSG00000136059.10	TREATTXTPF-00547659 225mg	Week12	VILL	protein_coding	chr3	38029550	38048679 +	6476	1013.418	0	0.237274	0.076226	3.11277	0.002032	0.099841	1
ENSG00000145191.7	TREATTXTPF-00547659 225mg	Week12	EIF2B5	protein_coding	chr3	183852826	184402546 +	5975	2109.86	0	0.225808	0.072546	3.112636	0.002033	0.099841	1
ENSG00000213020.4	TREATTXTPF-00547659 225mg	Week12	ZNF611	protein_coding	chr19	53206066	53238326 -	7148	425.6144	0	0.270568	0.086933	3.112389	0.002035	0.09987	1
ENSG00000070718.7	TREATTXTPF-00547659 225mg	Week12	AP3M2	protein_coding	chr8	42010464	42029191 +	6276	722.2088	0	0.334471	0.107472	3.112179	0.002036	0.099887	1
ENSG00000100814.13	TREATTXTPF-00547659 225mg	Week12	CCNB1P1	protein_coding	chr14	20779527	20801471 -	3680	550.4022	0	0.285217	0.091662	3.111606	0.00204	0.099897	1
ENSG00000102174.7	TREATTXTPF-00547659 225mg	Week12	PHEX	protein_coding	chrX	22050559	22269427 +	7132	47.66519	0.032044	0.575466	0.184946	3.111537	0.00204	0.099897	1
ENSG00000100714.11	TREATTXTPF-00547659 225mg	Week12	MTHFD1	protein_coding	chr14	64854749	64926722 +	5924	1166.065	0	0.261639	0.084087	3.111531	0.00204	0.099897	1
ENSG00000159899.10	TREATTXTPF-00547659 225mg	Week12	NPR2	protein_coding	chr9	35792151	35809729 +	3865	87.52155	0.005525	0.465778	0.149699	3.111429	0.002041	0.099897	1
ENSG00000198046.7	TREATTXTPF-00547659 225mg	Week12	ZNF667	protein_coding	chr19	56950694	56989434 -	9129	35.93149	0.020994	0.494913	0.159066	3.111362	0.002042	0.099897	1
ENSG00000241058.1	TREATTXTPF-00547659 225mg	Week12	NSUN6	protein_coding	chr10	18834490	18940551 -	2306	282.4983	0	0.373689	0.120116	3.111058	0.002044	0.099945	1
ENSG00000204599.10	TREATTXTPF-00547659 75mg	Week12	TRIM39	protein_coding	chr6	30294256	30311506 +	4249	1161.498	0	0.115288	0.037061	3.110766	0.002045	0.099976	1
ENSG00000135547.4	TREATTXTPF-00547659 225mg	Week12	HEY2	protein_coding	chr6	126068810	126082415 +	2741	6.892818	0.176796	0.47848	0.15382	3.110649	0.002046	0.099976	1