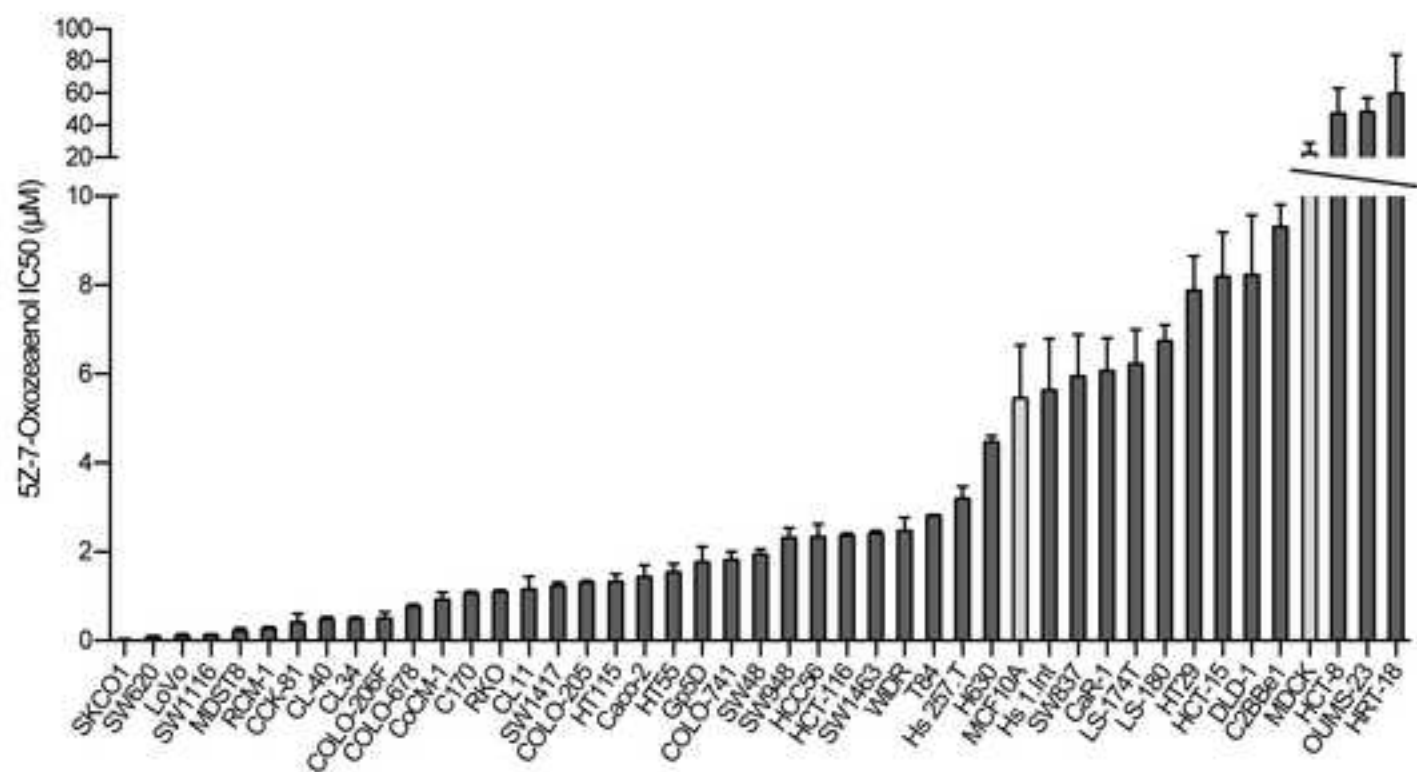
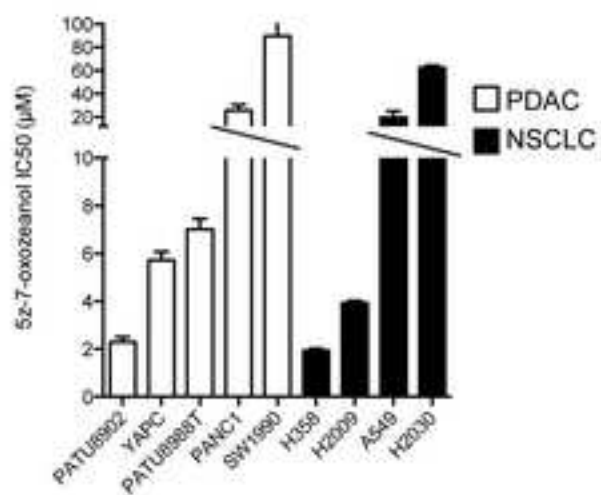
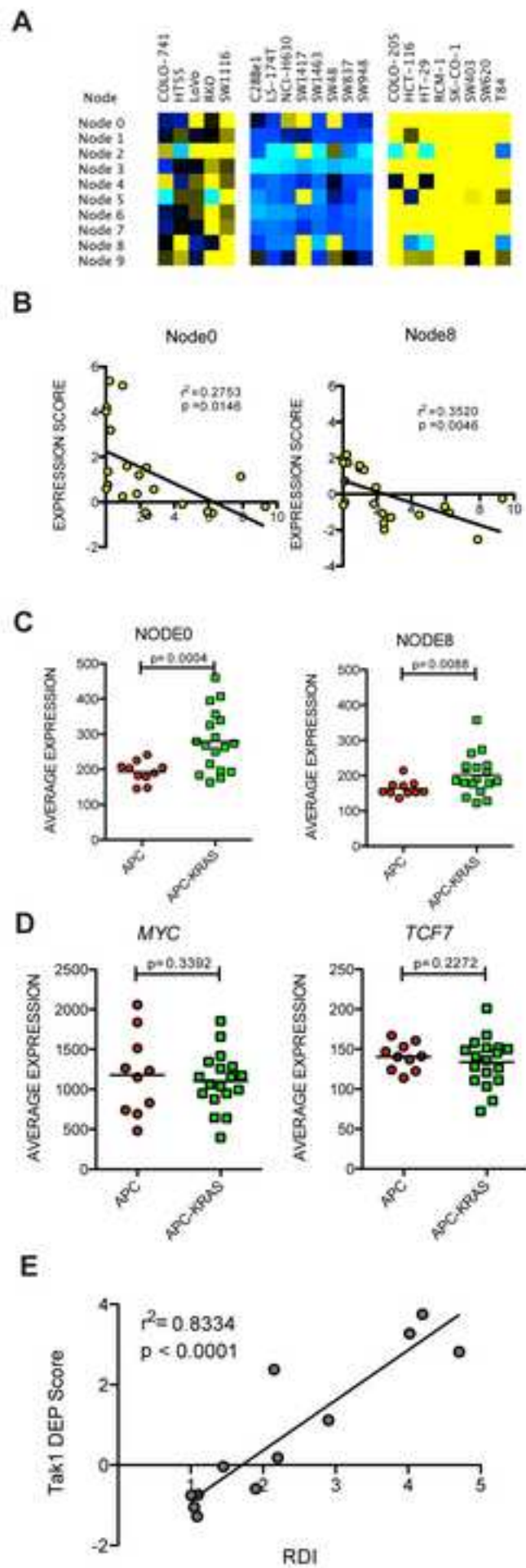


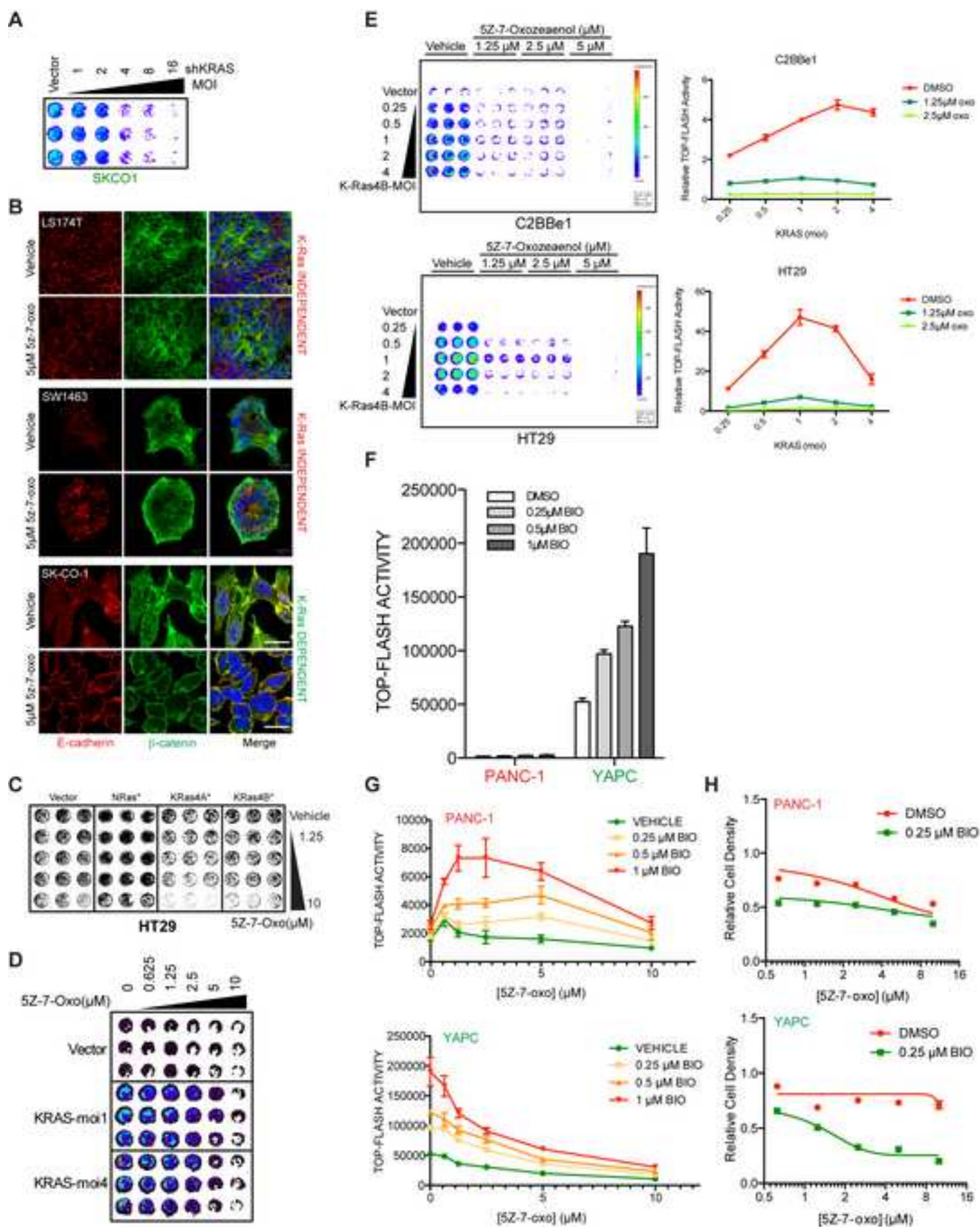
A



B







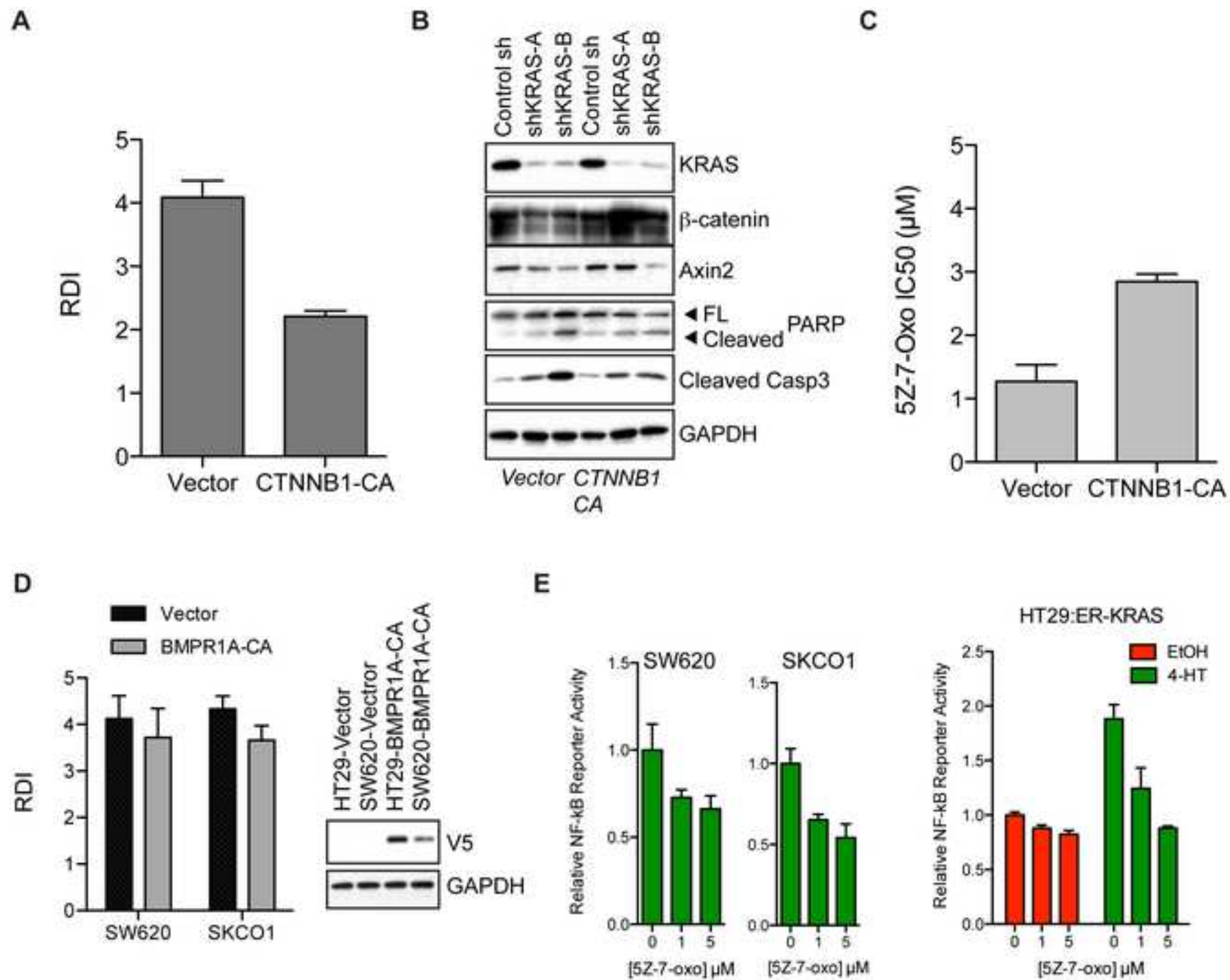


Table S1. Differentially expressed probesets comparing K-Ras independent to K-Ras dependent CRC cells. Probesets with p-values <0.05 and fold expression either >2 (DEP genes) or <0.5 (IND genes) were selected. DEP score is the product of $-\log(\text{p-value})$ and $\log(\text{fold difference})$ for each probeset. DEP score >0 indicates association with K-Ras dependency whereas <0 indicates association with K-Ras independency.

Affy ID	SYMBOL	-log P-Value	log2 fold	DEP SCORE
203423_at	RBP1	1.388637364	8.527651438	11.84181542
216033_s_at	FYN	2.048943293	6.501224991	13.32064134
207401_at	PROX1	1.533913479	6.401660749	9.819593713
205258_at	INHBB	2.217613379	6.137184273	13.60990195
213807_x_at	MET	2.385082397	6.129775503	14.62001965
206805_at	SEMA3A	1.510672241	5.974567863	9.025613822
203998_s_at	SYT1	2.303851319	5.840599597	13.45587308
210517_s_at	AKAP12	2.998547598	5.776620589	17.32147179
211599_x_at	MET	2.711183799	5.625353962	15.25136853
87100_at	ABHD2	3.03976234	5.510298455	16.74999773
220892_s_at	PSAT1	1.494042004	5.501729942	8.219815629
204427_s_at	TMED2	3.410253531	5.240983887	17.8730838
214617_at	PRF1	1.492755869	5.218989255	7.790676841
206429_at	F2RL1	5.894894854	5.057501819	29.81344144
200769_s_at	MAT2A	2.451948435	5.005493428	12.27321178
205778_at	KLK7	1.50716922	4.99229245	7.524229515
210105_s_at	FYN	2.202114206	4.940476364	10.87949319
203999_at	SYT1	1.809260254	4.890328037	8.847876143
219836_at	ZBED2	1.327827039	4.762526155	6.323811001
220477_s_at	C20orf30	2.155843977	4.747956672	10.2358538
212486_s_at	FYN	1.380636098	4.724256984	6.522479727
209568_s_at	RGL1	1.767576997	4.682180173	8.276113969
205003_at	DOCK4	2.538475677	4.66282114	11.83645805
205499_at	SRPX2	1.347942404	4.628490449	6.238938545
204602_at	DKK1	1.431478239	4.590141984	6.570688365
200008_s_at	GDI2	3.115798809	4.522639639	14.0916352
214240_at	GAL	1.763409072	4.494668455	7.925939131
217294_s_at	ENO1	3.356636712	4.491641261	15.07680795
212009_s_at	STIP1	3.884154907	4.476353268	17.38684951
201211_s_at	DDX3X	1.313458563	4.430494797	5.819271329
215913_s_at	GULP1	3.105008429	4.387014636	13.62171742
207610_s_at	EMR2	1.352274425	4.368127116	5.906906583
215236_s_at	PICALM	2.406109724	4.33056696	10.41981927
213872_at	None	2.364272468	4.303081499	10.17365712
214581_x_at	TNFRSF21	1.923544502	4.268596226	8.210834801
210904_s_at	IL13RA1	3.861406088	4.258624955	16.44428033
212097_at	CAV1	2.185744895	4.244063435	9.276439988
201971_s_at	ATP6V1A	2.620516315	4.240826542	11.11315514
203186_s_at	S100A4	1.304568687	4.220869436	5.506414099
203357_s_at	CAPN7	3.022490256	4.181515342	12.63858938
221428_s_at	TBL1XR1	2.763153093	4.166893201	11.51376384
203065_s_at	CAV1	2.225352654	4.141469202	9.216229481
202444_s_at	ERLIN1	3.055303322	4.132579462	12.62628376
202129_s_at	RIOK3	3.240104394	4.121139387	13.35292184
208608_s_at	SNTB1	1.567062689	4.109097125	6.439212788
221268_s_at	SGPP1	2.259789665	4.106443143	9.279697774
204128_s_at	RFC3	4.253038512	4.092487588	17.40550732
211450_s_at	MSH6	3.342223306	4.085201706	13.65365635
218748_s_at	EXOC5	2.039130307	4.082041998	8.323815553
201476_s_at	RRM1	3.614101322	4.065613804	14.69354022
200641_s_at	YWHAZ	3.366537158	4.06443244	13.68306284
211090_s_at	PRPF4B	2.075214076	4.044729164	8.393678895
213548_s_at	CDV3	1.770641182	4.034850552	7.144272549

221618_s_at	TAF9B	1.441898317	3.977758596	5.735523427
205555_s_at	MSX2	1.677936814	3.970888	6.66289916
210317_s_at	YWHAE	2.618092011	3.962691069	10.37468983
202990_at	PYGL	2.421598932	3.951518783	9.568993662
203304_at	BAMBI	1.790298272	3.946624477	7.065634983
220658_s_at	ARNTL2	2.096237772	3.944800003	8.269238769
218182_s_at	CLDN1	2.358392024	3.911617591	9.225127726
210154_at	ME2	1.74734127	3.909863312	6.831865525
202593_s_at	GDE1	3.01160269	3.892636311	11.72307399
217963_s_at	NGFRAP1	1.814936969	3.884883761	7.05081916
214845_s_at	CALU	2.339192622	3.875135475	9.064688311
210639_s_at	ATG5	3.323431745	3.864945465	12.84488245
202784_s_at	NNT	2.260633315	3.855119534	8.715011653
201120_s_at	PGRMC1	3.333097434	3.831669307	12.77132714
214959_s_at	API5	2.458987623	3.825659793	9.407250081
211574_s_at	CD46	2.686862781	3.82334363	10.2727997
206432_at	HAS2	1.589504218	3.822941502	6.076581642
210734_x_at	MAX	2.922849508	3.807667697	11.12923966
202278_s_at	SPTLC1	3.347486294	3.802262401	12.72802128
218036_x_at	NMD3	4.136152583	3.79696537	15.70482812
204353_s_at	POT1	2.747366788	3.783417094	10.39443447
219132_at	PELI2	1.540557654	3.764867468	5.799995395
202226_s_at	CRK	3.17436211	3.761156224	11.93927181
207620_s_at	CASK	2.928698184	3.759238903	11.00967615
212514_x_at	DDX3X	1.77451918	3.742080569	6.640393744
205542_at	STEAP1	2.000234086	3.725714113	7.452300365
200756_x_at	CALU	2.280015988	3.723994537	8.490767081
201490_s_at	PIIF	3.097859978	3.689381174	11.42918628
214895_s_at	ADAM10	2.517388746	3.686910817	9.281387799
210543_s_at	PRKDC	2.976334387	3.681655524	10.95783794
220585_at	HKDC1	1.98718113	3.681011319	7.314836232
203851_at	IGFBP6	1.898886343	3.679449689	6.986856764
216266_s_at	ARFGEF1	2.387511479	3.678401441	8.782225665
210284_s_at	MAP3K7IP2	2.971274888	3.664169575	10.88725504
200712_s_at	MAPRE1	2.809140517	3.653839684	10.2641491
211363_s_at	MTAP	1.799517047	3.606493026	6.48994568
210529_s_at	FAM115A	3.297308504	3.597966321	11.86360495
209772_s_at	CD24	1.765995128	3.595404447	6.349466735
215037_s_at	BCL2L1	2.980484262	3.586153108	10.6884729
219856_at	C1orf116	2.549659673	3.580418155	9.128847784
217301_x_at	RBBP4	3.009582336	3.567913933	10.73793075
211864_s_at	MYOF	2.000759183	3.56516601	7.133038635
221781_s_at	DNAJC10	2.364857856	3.564591209	8.429751524
220199_s_at	AIDA	3.42148789	3.549910623	12.14597621
214908_s_at	TRRAP	2.829115046	3.545211882	10.02981228
212092_at	PEG10	1.57888619	3.541096814	5.590988855
206667_s_at	SCAMP1	1.8126988	3.535528859	6.40884892
211537_x_at	MAP3K7	2.514747804	3.535296666	8.890379529
206670_s_at	GAD1	1.561755304	3.52040984	5.49801874
202147_s_at	IFRD1	2.936923218	3.494661772	10.2635533
203323_at	CAV2	2.911878109	3.492325891	10.16922731
218000_s_at	PHLDA1	1.352550246	3.486603012	4.715805761
212577_at	SMCHD1	2.277562249	3.485321692	7.938037111
218156_s_at	TSR1	2.853540079	3.48060028	9.932032398
211668_s_at	PLAU	1.408870148	3.480337517	4.903343632
210655_s_at	FOXO3B	3.186757769	3.478200848	11.08418358
215033_at	TM4SF1	2.615923605	3.476816416	9.095086133
218119_at	TIMM23	2.891934346	3.475780562	10.05172919
202166_s_at	PPP1R2	2.818746564	3.463756806	9.763452595
208698_s_at	NONO	3.191694877	3.461153115	11.04694467
217999_s_at	PHLDA1	1.708991781	3.458448941	5.910460816

209765_at	ADAM19	2.159425928	3.453207906	7.456946689
207563_s_at	OGT	1.688144859	3.450939263	5.825685377
217998_at	PHLDA1	1.428312932	3.441836889	4.916020137
210186_s_at	FKBP1A	1.485254467	3.438243123	5.106665957
202143_s_at	COPS8	3.203393823	3.432950921	10.99709377
204344_s_at	SEC23A	2.407329316	3.414405756	8.219599072
218292_s_at	PRKAG2	2.978019695	3.413230415	10.1646674
209080_x_at	GLRX3	3.229562021	3.410673477	11.01498153
204989_s_at	ITGB4	2.371378343	3.382979175	8.022323553
214168_s_at	TJP1	3.21512782	3.380334425	10.86820725
221430_s_at	RNF146	2.545057015	3.369988417	8.576812661
216685_s_at	MTAP	1.831620474	3.367575036	6.168119383
214545_s_at	PROSC	1.347317334	3.355653854	4.521130604
203210_s_at	RFC5	2.596622924	3.352756139	8.705843451
AFFX-HSAC07/X00351_5_at	ACTB	3.403706413	3.351420928	11.4072529
207079_s_at	MED6	2.337696961	3.314737321	7.748851362
201742_x_at	SFRS1	2.416488402	3.31323431	8.006392285
208403_x_at	MAX	2.746392088	3.306371457	9.08059241
201337_s_at	VAMP3	2.79685079	3.298103726	9.22430401
208811_s_at	DNAJB6	4.28480004	3.293171736	14.11058239
217799_x_at	UBE2H	2.805639953	3.292705069	9.238144896
203324_s_at	CAV2	1.814602894	3.289192961	5.968579067
211905_s_at	ITGB4	2.261189734	3.286733643	7.431928372
219710_at	SH3TC2	1.413910749	3.277981621	4.634773448
214434_at	HSPA12A	2.104487589	3.26925592	6.88010851
207549_x_at	CD46	2.760069373	3.263621149	9.007820778
204426_at	TMED2	3.115876095	3.259250527	10.15542081
216125_s_at	RANBP9	1.834417744	3.255854674	5.972597586
207782_s_at	PSEN1	2.784683286	3.252441617	9.057019811
211536_x_at	MAP3K7	2.541759138	3.237774902	8.229643942
215832_x_at	PICALM	2.539895824	3.237168651	8.222071139
218853_s_at	MOSPD1	2.289663735	3.224868313	7.383864027
213562_s_at	SQLE	2.335789614	3.22136558	7.524432263
208316_s_at	OCRL	2.723330084	3.191516658	8.691553326
207791_s_at	RAB1A	3.343903839	3.183549558	10.64548359
209109_s_at	TSPAN6	2.842243588	3.171072409	9.01296022
202955_s_at	ARFGEF1	3.280043673	3.16447406	10.37961312
203328_x_at	IDE	3.949802335	3.145367131	12.42357844
208290_s_at	EIF5	3.401615579	3.141406397	10.68585694
210470_x_at	NONO	2.734707534	3.129559607	8.558430235
201325_s_at	EMP1	2.963693668	3.119524658	9.245315478
211676_s_at	IFNGR1	5.551693008	3.107509298	17.25193764
213461_at	NUDT21	1.374113452	3.096521416	4.254971733
209387_s_at	TM4SF1	2.122145593	3.07422463	6.52395225
201179_s_at	GNAI3	2.647466738	3.072277785	8.133753246
205659_at	HDAC9	1.797075301	3.066099147	5.510011046
208447_s_at	PRPS1	1.937018619	3.061450972	5.930087534
205965_at	BATF	1.50839475	3.052500942	4.604376396
217356_s_at	PGK1	3.661048121	3.046109521	11.15195354
200776_s_at	BZW1L1	3.028444285	3.041513783	9.211055032
211518_s_at	BMP4	1.374961135	3.041293543	4.181660421
208310_s_at	FSTL1	2.579531185	3.039180515	7.839660914
210338_s_at	HSPA8	4.929227306	3.037510359	14.972579
204147_s_at	TFDP1	2.323968707	3.036904294	7.057670545
219121_s_at	RBM35A	2.218074371	3.029579857	6.719833437
202583_s_at	RANBP9	2.582289314	3.023294769	7.807021773
218122_s_at	SENP2	1.35957994	3.021317969	4.107723304
219311_at	CEP76	1.647516207	3.009282898	4.957842347
218439_s_at	COMMD10	4.375709838	2.99875502	13.12168184
213348_at	CDKN1C	1.622204842	2.998118875	4.863562957
202213_s_at	CUL4B	2.017092632	2.997070192	6.045368203

208852_s_at	CANX	2.23171428	2.991303927	6.675735691
210337_s_at	ACLY	2.248838056	2.985881028	6.714762888
203032_s_at	FH	2.446553329	2.982048605	7.295740942
213901_x_at	RBM9	3.604204602	2.979993434	10.74050605
210935_s_at	WDR1	2.871404135	2.97377852	8.53891994
208651_x_at	CD24	1.355984312	2.95899375	4.012349103
205730_s_at	ABLIM3	1.675738338	2.957147724	4.955405813
219326_s_at	B3GNT2	1.698818876	2.941421035	4.996941576
216976_s_at	RYK	2.935292946	2.93993342	8.629565831
208097_s_at	None	1.748572657	2.939520389	5.139964978
213652_at	PCSK5	2.027550456	2.938885435	5.958738505
213470_s_at	HNRNPH1	2.509837555	2.935613637	7.367913354
209035_at	MDK	1.834109435	2.929982536	5.373908614
218340_s_at	UBA6	1.775139538	2.926750806	5.195391074
201123_s_at	EIF5A	1.829895352	2.924523993	5.351572863
200722_s_at	CAPRIN1	2.599240646	2.914500279	7.575487589
207431_s_at	DEGS1	2.635317704	2.910198534	7.669297719
207627_s_at	TFCP2	2.296292999	2.885674483	6.626354114
201629_s_at	ACP1	2.961620036	2.877812459	8.52298704
203157_s_at	GLS	2.470649137	2.87142717	7.094289061
210896_s_at	ASPH	1.468049381	2.866244415	4.207788338
209624_s_at	MCCC2	4.044606414	2.863170864	11.58039924
207821_s_at	PTK2	1.872000392	2.853475823	5.341707857
217777_s_at	PTPLAD1	1.830832337	2.849188557	5.216386545
215794_x_at	GLUD2	2.669933128	2.847985458	7.603930723
201250_s_at	SLC2A1	1.451389778	2.843722918	4.127350374
209363_s_at	MED21	2.009657407	2.836828915	5.701054242
201551_s_at	LAMP1	3.040247778	2.832218091	8.610644757
200813_s_at	PAFAH1B1	1.31934818	2.828729063	3.732078541
202236_s_at	SLC16A1	2.139868335	2.823150646	6.041170673
212521_s_at	PDE8A	3.146631758	2.817017041	8.864115287
220918_at	C21orf96	1.454341149	2.814477426	4.093210334
220924_s_at	SLC38A2	1.701378422	2.808734202	4.778719765
211744_s_at	CD58	2.015120543	2.804433619	5.651271797
201504_s_at	TSN	2.400750926	2.80259961	6.728343607
217811_at	SELT	3.665841049	2.801711253	10.27062812
202829_s_at	VAMP7	1.354287268	2.801308596	3.793776566
219599_at	EIF4B	1.875035313	2.797820789	5.246012779
211016_x_at	HSPA4	1.864305044	2.790855083	5.203005207
209316_s_at	HBS1L	2.807142852	2.789638322	7.830913274
209653_at	KPNA4	2.048515723	2.77941314	5.693671519
218224_at	PNMA1	2.091149848	2.77711112	5.807355496
219015_s_at	ALG13	2.483152963	2.775784747	6.89269812
201823_s_at	RNF14	2.544802204	2.775497676	7.063092604
210156_s_at	PCMT1	2.803090582	2.774494832	7.777160332
206669_at	GAD1	2.795769572	2.756524353	7.706606912
201259_s_at	SYPL1	2.335524228	2.756015839	6.436741763
212008_at	UBXN4	2.248100504	2.749783765	6.181790268
211061_s_at	MGAT2	2.222428999	2.742924273	6.095954447
202576_s_at	DDX19B	1.389400749	2.740211536	3.807251961
208650_s_at	CD24	1.555261162	2.734065301	4.252185578
207983_s_at	STAG2	2.442850149	2.724576261	6.655731527
215997_s_at	CUL4B	1.35955932	2.717025868	3.693957843
210087_s_at	MPZL1	1.968771714	2.712911559	5.341103542
207108_s_at	NIPBL	3.46860902	2.704424429	9.380590969
210716_s_at	CLIP1	2.079804814	2.703555308	5.622867345
210830_s_at	PON2	2.368956997	2.697729501	6.390805178
217496_s_at	IDE	3.083787368	2.695151124	8.311272991
212595_s_at	DAZAP2	3.102157024	2.692435072	8.352356369
208860_s_at	ATRX	2.41994028	2.680977021	6.487804284
208853_s_at	CANX	1.408155374	2.670419331	3.760365332

218782_s_at	ATAD2	1.438189522	2.668679023	3.838066208
210257_x_at	CUL4B	1.910906647	2.664635683	5.09187004
211855_s_at	SLC25A14	1.535680971	2.660672984	4.085944871
216591_s_at	SDHC	2.642093846	2.651460438	7.005407305
206665_s_at	BCL2L1	2.130831115	2.649782086	5.646238116
218041_x_at	SLC38A2	1.602143389	2.632950837	4.218364778
203265_s_at	MAP2K4	2.79817085	2.631861092	7.364396988
217677_at	PLEKHA2	3.338622883	2.629663139	8.779453533
213501_at	ACOX1	2.912742338	2.616348682	7.620749577
206113_s_at	RAB5A	1.394989625	2.60981222	3.640660972
203207_s_at	MTFR1	1.650680606	2.60676898	4.302942999
201523_x_at	UBE2N	3.573131793	2.596214493	9.276616548
203968_s_at	CDC6	1.635366937	2.592546758	4.239765251
210153_s_at	ME2	1.479362928	2.590766902	3.832684511
209257_s_at	SMC3	2.90671947	2.587934249	7.522398867
211612_s_at	IL13RA1	1.846672682	2.583569452	4.771007128
206348_s_at	PDK3	1.317075708	2.578786122	3.396456556
211814_s_at	CCNE2	1.344799762	2.5787672	3.467925517
215034_s_at	TM4SF1	1.715789547	2.575303363	4.418678591
221039_s_at	ASAP1	1.887513969	2.573032144	4.856634113
212253_x_at	DST	2.048427116	2.567842648	5.260038508
216942_s_at	CD58	2.248309148	2.560591832	5.75700204
220494_s_at	None	2.019466439	2.556475603	5.162716682
208793_x_at	SMARCA4	1.898230418	2.549320282	4.839197305
210285_x_at	WTAP	2.71479325	2.54928201	6.920773595
218757_s_at	UPF3B	1.902711901	2.546177205	4.844641669
202585_s_at	NFX1	1.371388696	2.543253467	3.487789056
201835_s_at	PRKAB1	3.231898376	2.537466808	8.200834857
217996_at	PHLDA1	1.530585265	2.534285412	3.878939909
203015_s_at	SSX2IP	1.813124096	2.53231979	4.591410029
206920_s_at	GLE1	2.036101799	2.527843312	5.146946314
217915_s_at	None	1.897120655	2.521668205	4.783908838
201988_s_at	CREBL2	1.698337846	2.517104668	4.27489412
215207_x_at	LOC729148	1.663274278	2.499589501	4.157502923
203311_s_at	ARF6	3.81985167	2.486518516	9.498131903
200751_s_at	HNRNPC	3.123392007	2.485149547	7.762096231
201881_s_at	ARIH1	2.029548595	2.484406032	5.042222772
211015_s_at	HSPA4	2.536679412	2.483403507	6.299598549
209360_s_at	RUNX1	2.244700125	2.478559153	5.56362204
219198_at	GTF3C4	2.29436223	2.464953804	5.655496906
202731_at	PDCD4	2.008658065	2.46483896	4.951018655
202101_s_at	RALB	3.316509824	2.463494861	8.170204906
201096_s_at	ARF4	3.205357754	2.462953137	7.894645937
200730_s_at	PTP4A1	1.632253317	2.460831812	4.016700888
216574_s_at	RPE	1.757576891	2.454788278	4.314479151
221220_s_at	SCYL2	1.591878604	2.454081474	3.906599792
217975_at	WBP5	1.584602158	2.448688095	3.880196439
206303_s_at	NUDT4	1.493487318	2.447938249	3.65596473
209362_at	MED21	1.741668564	2.443083737	4.255042143
202854_at	HPRT1	2.660892766	2.441139569	6.495610621
221679_s_at	ABHD6	2.457229886	2.436674885	5.98747035
205780_at	BIK	2.83066435	2.436353179	6.896498087
212379_at	GART	1.807051188	2.431035976	4.393006447
210802_s_at	DIMT1L	1.961532507	2.425713755	4.758116384
204186_s_at	PPID	1.679127283	2.422212283	4.067202728
203373_at	SOCS2	1.6321445	2.420295298	3.95027166
217791_s_at	ALDH18A1	2.160231977	2.419402313	5.226470242
209269_s_at	SYK	2.003269366	2.418789116	4.84548614
217445_s_at	GART	1.557131264	2.418426316	3.765807226
214553_s_at	ARPP-19	1.671158562	2.414797585	4.03550966
52285_f_at	CEP76	1.357445194	2.409776082	3.27113896

219960_s_at	UCHL5	1.443187816	2.408046722	3.475263689
201688_s_at	TPD52	2.23041242	2.407257327	5.369176642
206550_s_at	NUP155	1.734568336	2.404676347	4.17107545
221962_s_at	UBE2H	2.200089778	2.403600632	5.288137182
213789_at	EBP	1.347948999	2.399909774	3.234955977
205401_at	AGPS	1.899043625	2.396751099	4.551534895
204768_s_at	FEN1	2.853432567	2.39251101	6.826868832
202062_s_at	SEL1L	1.786498775	2.388446755	4.266957202
212515_s_at	DDX3X	2.143629095	2.38692176	5.116674932
201386_s_at	DHX15	4.710211933	2.377178903	11.19701644
206533_at	CHRNA5	1.929510523	2.370924269	4.574723326
209091_s_at	SH3GLB1	2.018826391	2.366552136	4.777657909
205512_s_at	AIFM1	3.096291219	2.360614651	7.309150414
200628_s_at	WARS	1.968240988	2.354173823	4.633581411
218295_s_at	NUP50	1.432725276	2.352794991	3.370908852
222132_s_at	AGK	2.329140245	2.346429222	5.465162733
211114_x_at	SIP1	2.368446203	2.346279644	5.557037116
215113_s_at	SENP3	1.85536238	2.343663931	4.348345888
210779_x_at	SIP1	1.968284049	2.337205186	4.600283687
211689_s_at	TMPRSS2	1.502860928	2.336750884	3.511811601
202069_s_at	IDH3A	4.037717034	2.333393331	9.421582002
203214_x_at	CDC2	1.653732853	2.330440602	3.853926186
208810_at	DNAJB6	3.794699349	2.328126684	8.834540812
212003_at	C1orf144	2.243468566	2.327291655	5.221205671
202453_s_at	GTF2H1	1.68900152	2.32467095	3.926372768
219485_s_at	PSMD10	1.950185413	2.320677876	4.525752142
204312_x_at	CREB1	3.559027148	2.320434994	8.25849114
204045_at	TCEAL1	1.822720503	2.306311507	4.203761269
212572_at	STK38L	1.37207822	2.306271521	3.164384922
211563_s_at	C19orf2	2.295481398	2.296346595	5.271220891
209471_s_at	FNTA	2.799341434	2.28872284	6.406916678
211212_s_at	ORC5L	1.880651322	2.279600597	4.287133875
222192_s_at	C2orf43	1.768270341	2.278759116	4.029462159
202874_s_at	ATP6V1C1	2.331959631	2.277690456	5.311482197
202516_s_at	DLG1	2.070182966	2.275096232	4.709865467
208931_s_at	ILF3	2.272873368	2.271042653	5.161792365
210570_x_at	MAPK9	1.802584111	2.267520427	4.087396292
212016_s_at	PTBP1	2.636308817	2.264433508	5.969746022
210101_x_at	SH3GLB1	1.904905692	2.260139819	4.305353207
201830_s_at	NET1	2.653127771	2.251802034	5.974318511
211228_s_at	RAD17	2.749511786	2.249143645	6.184046959
208456_s_at	RRAS2	2.453253254	2.247490486	5.513663348
201267_s_at	PSMC3	2.395229	2.24484728	5.376923306
209369_at	ANXA3	1.423490488	2.24246546	3.192128251
218330_s_at	NAV2	1.32985191	2.240104299	2.97900698
202006_at	PTPN12	1.913594731	2.238220303	4.283046579
209421_at	MSH2	2.149570637	2.234673498	4.803588533
218163_at	MCTS1	2.85345367	2.234370456	6.375672576
208925_at	CLDND1	2.035012159	2.234110427	4.546441884
218178_s_at	CHMP1B	1.988422156	2.232177109	4.438510419
214708_at	SNTB1	1.316720166	2.231346905	2.938059468
214119_s_at	FKBP1A	1.904431059	2.22622155	4.239685465
201104_x_at	NBPF14	1.475612179	2.224380353	3.282322739
220773_s_at	GPHN	2.539139173	2.224025884	5.647111245
214507_s_at	EXOSC2	1.602959543	2.223434655	3.5640758
219858_s_at	MFSD6	2.903244926	2.215279557	6.431499132
211475_s_at	BAG1	2.110365099	2.208695058	4.661152965
214941_s_at	PRPF40A	3.207845413	2.207706548	7.081981321
200798_x_at	MCL1	2.237353794	2.207329296	4.938576575
202058_s_at	KPNA1	2.798118146	2.198884998	6.152740015
216593_s_at	PIGC	2.428179807	2.197372246	5.335614917

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200778_s_at	40788	1.971283174	2.192493043	4.322024645
203967_at	CDC6	1.307820129	2.188172462	2.861735992
210732_s_at	LGALS8	1.391310604	2.183278128	3.037618011
201554_x_at	GYG1	2.630225127	2.181510534	5.73786382
206582_s_at	GPR56	1.469621204	2.179939138	3.203684781
218129_s_at	NFYB	2.811357949	2.178876167	6.125600834
205217_at	TIMM8A	2.476912274	2.176918102	5.392035168
220202_s_at	RC3H2	2.133830723	2.175812717	4.642816023
201571_s_at	DCTD	1.996157266	2.172914782	4.337479632
211150_s_at	DLAT	2.022627643	2.172184899	4.393521222
211022_s_at	ATRX	1.318648809	2.172095787	2.864231522
203553_s_at	MAP4K5	1.526045183	2.154734021	3.288221472
205017_s_at	MBNL2	1.61188039	2.149080201	3.464060233
208867_s_at	CSNK1A1	1.935444529	2.148556956	4.158412806
217919_s_at	MRPL42	2.037159833	2.14664116	4.373051147
202730_s_at	PDCD4	2.489216452	2.146028173	5.341928634
217188_s_at	C14orf1	2.428794854	2.143286305	5.205602749
214359_s_at	HSP90AB1	2.712641664	2.137076432	5.797122569
212142_at	MCM4	1.540840316	2.12398673	3.272724384
211997_x_at	H3F3B	2.258189088	2.121174635	4.790013416
205770_at	GSR	1.644127786	2.112157635	3.472657056
210625_s_at	AKAP1	1.75255728	2.109263346	3.696604833
203960_s_at	HSPB11	1.517892899	2.107212966	3.198523596
208055_s_at	HERC4	1.589675525	2.098849748	3.336490074
202889_x_at	MAP7	1.576300696	2.094174265	3.301048351
213419_at	APBB2	2.109656903	2.087470616	4.403846794
209055_s_at	CDC5L	1.690338292	2.084988337	3.524335624
217140_s_at	LOC100133724	2.663485215	2.078188471	5.535224265
200052_s_at	ILF2	2.4460391	2.077588414	5.081862495
200987_x_at	PSME3	2.787474647	2.074285159	5.782017292
205763_s_at	DDX18	2.032716564	2.070427479	4.208592231
215023_s_at	PEX1	2.151651558	2.069948931	4.453808841
202113_s_at	SNX2	1.944858925	2.060779535	4.007925472
200806_s_at	HSPD1	2.363975463	2.057684024	4.864314542
206173_x_at	GABPB1	2.130947054	2.051421731	4.371471095
202352_s_at	PSMD12	2.789160813	2.048526889	5.713670923
213133_s_at	GCSH	1.748867744	2.047748977	3.581242135
209463_s_at	TAF12	1.407978843	2.041399831	2.874247772
201821_s_at	TIMM17A	3.035295076	2.040641309	6.193948517
219467_at	GIN1	2.899990729	2.034518096	5.900083618
216274_s_at	SEC11A	3.006138069	2.031184127	6.106019929
202272_s_at	FBXO28	1.719394583	2.030173143	3.490668704
201444_s_at	ATP6AP2	2.241478385	2.028659675	4.547196813
217370_x_at	FUS	3.083194636	2.020157598	6.22853907
217185_s_at	ZNF259P	2.12213094	2.01870359	4.283953347
209440_at	PRPS1	1.96119624	2.017207404	3.956139576
202717_s_at	CDC16	1.48865743	2.006778883	2.987406295
217755_at	HN1	2.17393426	2.004977961	4.35869028
220240_s_at	TMCO3	1.493120375	1.998251536	2.983630084
202374_s_at	RAB3GAP2	1.522123628	1.995232598	3.03699068
218667_at	PJA1	1.901520148	1.988544742	3.781257892
214487_s_at	RAP2B	1.798808852	1.98680507	3.573882547
214482_at	ZBTB25	1.444479554	1.986280144	2.869141056
200892_s_at	None	2.592728219	1.984339563	5.144853181
214578_s_at	ROCK1	1.876752856	1.983334629	3.722228929
202805_s_at	ABCC1	2.681482504	1.983204996	5.3179295
216971_s_at	PLEC1	1.64471623	1.982496889	3.26064481
213983_s_at	PDS5A	1.490802453	1.981316566	2.953751596
214512_s_at	SUB1	3.675105323	1.979777191	7.275889693

203158_s_at	GLS	1.491351667	1.97944427	2.95204751
217173_s_at	LDLR	1.85074533	1.978787865	3.662232399
201532_at	PSMA3	2.362792085	1.977378475	4.672134211
202654_x_at	40609	1.604587942	1.977157402	3.172522926
204119_s_at	ADK	2.282387494	1.976686776	4.511565176
201435_s_at	EIF4E	3.083953978	1.973211749	6.085294224
203746_s_at	HCCS	1.939134041	1.973194975	3.826289544
221423_s_at	YIPF5	1.668316103	1.973132717	3.291809086
213937_s_at	FTSJ1	1.941970083	1.969166451	3.824062336
204460_s_at	RAD1	2.162361229	1.967908359	4.255328739
219033_at	PARP8	1.398324699	1.967407198	2.751074079
208669_s_at	EID1	1.555665526	1.961097723	3.050812121
203972_s_at	PEX3	2.054179435	1.959930733	4.026049406
204313_s_at	CREB1	3.069832052	1.958661596	6.012762146
208351_s_at	MAPK1	1.486244554	1.95211245	2.901316497
204369_at	PIK3CA	1.539333248	1.950898837	3.003083444
201383_s_at	LOC100133166	1.565841467	1.9502577	3.053794379
212877_at	KLC1	1.941474125	1.946699176	3.779466079
221691_x_at	NPM1	2.806407297	1.944773085	5.457825375
202899_s_at	SFRS3	2.98782329	1.942129916	5.802740996
202431_s_at	MYC	1.366134701	1.940207401	2.650584657
212579_at	SMCHD1	1.416934893	1.938944256	2.747357772
210754_s_at	LYN	1.5169722	1.938734801	2.941006796
217881_s_at	CDC27	1.967633373	1.936408967	3.810142908
201898_s_at	UBE2A	1.825859897	1.934083447	3.531365403
209591_s_at	BMP7	1.563981451	1.930992555	3.020036538
213875_x_at	C6orf62	1.741993209	1.929819334	3.361732175
218013_x_at	DCTN4	3.280616912	1.928714868	6.327374613
210104_at	MED6	1.422596942	1.927988377	2.74275037
203771_s_at	BLVRA	1.960959033	1.922486407	3.769917085
205450_at	PHKA1	1.563066311	1.921348999	3.003195891
204605_at	CGRRF1	1.691254268	1.9204846	3.248027776
205895_s_at	NOLC1	1.888061042	1.916137517	3.617784597
216202_s_at	SPTLC2	1.560268428	1.914102512	2.986513717
210594_x_at	MPZL1	1.576494807	1.908892885	3.00935972
200946_x_at	GLUD1	2.275723163	1.908760039	4.343809434
222262_s_at	ETNK1	2.106751762	1.902967673	4.009080498
217208_s_at	DLG1	1.780715107	1.900818364	3.384815977
218393_s_at	SMU1	2.021606976	1.899751232	3.840550343
203962_s_at	NEBL	1.944918412	1.897796839	3.691060014
201151_s_at	MBNL1	2.000818624	1.895876871	3.793305752
210667_s_at	C21orf33	2.21899236	1.890806224	4.195684564
218582_at	40607	2.41258312	1.890753377	4.561599682
213358_at	KIAA0802	3.034781681	1.886424203	5.724885613
201014_s_at	PAICS	2.27434176	1.88621989	4.289908665
215936_s_at	KIAA1033	2.352278365	1.884060525	4.43183481
201946_s_at	CCT2	2.17555817	1.883271354	4.097166381
221620_s_at	APOO	2.248586692	1.88119835	4.230037576
200723_s_at	CAPRIN1	2.727328175	1.880202727	5.127929874
222150_s_at	PION	1.353933589	1.880086424	2.54551216
219204_s_at	SRR	1.885057105	1.87810516	3.540335476
201043_s_at	ANP32A	1.864025489	1.875670879	3.496298328
209067_s_at	HNRPDL	3.644546702	1.875353331	6.834812798
205219_s_at	GALK2	1.306217167	1.871096185	2.444057959
212181_s_at	NUDT4	1.808648769	1.869863933	3.381927101
216511_s_at	TCF7L2	2.759986102	1.869342602	5.159359601
215933_s_at	HHEX	2.575215254	1.868137934	4.810857305
204032_at	BCAR3	1.63594675	1.867439924	3.055032273
205704_s_at	ATP6V0A2	2.588256854	1.865541162	4.828499698
64883_at	MOSPD2	1.439578532	1.865051641	2.684888305
204234_s_at	ZNF195	1.303364359	1.86075718	2.425244589

216604_s_at	SLC7A8	1.692540175	1.859888212	3.14793552
207614_s_at	CUL1	2.424746803	1.859698872	4.509298893
218219_s_at	LANCL2	1.460007041	1.85700175	2.71123563
200737_at	PGK1	2.146220557	1.855637672	3.982607718
200624_s_at	MATR3	2.559983934	1.854014902	4.746248361
216899_s_at	SKAP2	1.682771266	1.853659606	3.119285122
201784_s_at	C11orf58	2.504388646	1.845666167	4.622265392
205961_s_at	PSIP1	1.676689692	1.843535948	3.09103772
201529_s_at	RPA1	2.280069821	1.841240587	4.198157095
203560_at	GGH	1.694347972	1.838605348	3.115237243
207469_s_at	PIR	2.981131185	1.836347452	5.474392657
203347_s_at	MTF2	1.63123664	1.82945714	2.984277519
207654_x_at	DR1	1.810304468	1.828743668	3.310582834
204420_at	FOSL1	1.720739795	1.82599387	3.142060317
218349_s_at	ZWILCH	1.615259877	1.820016239	2.939799205
201580_s_at	None	1.351483264	1.812336273	2.449342142
AFFX-HSAC07/X00351_M_at	ACTB	2.432239795	1.812181095	4.407658976
219080_s_at	CTPS2	2.10229726	1.81198194	3.809324668
207645_s_at	CHD1L	1.602366975	1.810333947	2.90081933
202164_s_at	CNOT8	2.427157406	1.807270619	4.386530269
214649_s_at	MTMR2	1.71969127	1.804421571	3.103048024
200898_s_at	MGEA5	1.818897612	1.803693479	3.280733762
210007_s_at	GPD2	2.588257918	1.803152448	4.667023602
211762_s_at	KPNA2	1.797907148	1.800025526	3.23627876
203622_s_at	PNO1	1.655470396	1.799472422	2.978973322
200605_s_at	PRKAR1A	1.685680308	1.798830658	3.032253417
204107_at	NFYA	1.969136115	1.796005298	3.536578895
201872_s_at	ABCE1	1.656617239	1.795248254	2.974039206
213376_at	ZBTB1	1.458626378	1.794311647	2.617230299
219295_s_at	PCOLCE2	1.302307275	1.794081355	2.336445202
203105_s_at	DNM1L	2.68008164	1.794030748	4.808148871
209287_s_at	CDC42EP3	1.745257512	1.793677798	3.13042965
203100_s_at	CDYL	2.355642271	1.790950933	4.218839723
40148_at	APBB2	1.970137706	1.790249794	3.527038622
211749_s_at	VAMP3	2.798762451	1.786316317	4.999475034
213346_at	C13orf27	2.057600675	1.784886046	3.672582733
218398_at	MRPS30	1.985354839	1.784747773	3.543357629
210759_s_at	PSMA1	2.328609093	1.784518733	4.155446549
210983_s_at	MCM7	1.586515111	1.780472703	2.824746847
218989_x_at	SLC30A5	2.039275649	1.769462854	3.60842251
201926_s_at	CD55	1.394870382	1.768799421	2.467245924
208622_s_at	LOC100129652	1.512571487	1.767094206	2.672856311
203199_s_at	MTRR	1.331913811	1.766290216	2.352546333
202783_at	NNT	1.844184219	1.766265624	3.257319189
212729_at	DLG3	1.694875125	1.766102379	2.993322992
221381_s_at	MORF4	1.858585203	1.764899891	3.280216823
210826_x_at	RAD17	1.949768554	1.761883624	3.435265286
201747_s_at	SAFB	1.855520619	1.760064493	3.265835956
204589_at	NUAK1	1.310066452	1.759226217	2.304703249
204764_at	FNTB	1.98200753	1.757864435	3.484100548
200753_x_at	SFRS2	1.919199942	1.753375851	3.365078831
208739_x_at	SUMO2	1.784042518	1.751779409	3.125248949
65591_at	WDR48	1.560475026	1.747821798	2.727432266
201324_at	EMP1	1.641375639	1.747817981	2.868825856
218342_s_at	ERMP1	1.707647959	1.746673653	2.9827037
204453_at	ZNF84	1.985952595	1.741047923	3.457638641
219081_at	ANKHD1	1.400083241	1.740949353	2.437474012
212590_at	RRAS2	2.010220788	1.738487098	3.494742904
212036_s_at	PNN	2.078351828	1.737945783	3.612062796
212878_s_at	KLC1	1.310411444	1.733831762	2.272032983
212065_s_at	USP34	2.267225791	1.733375265	3.929953105

205173_x_at	CD58	1.805540595	1.731083834	3.125542136
221987_s_at	TSR1	1.440399056	1.725568694	2.485507517
201727_s_at	ELAVL1	1.544487021	1.722014826	2.65962955
204493_at	BID	1.843927759	1.717895759	3.167675677
215160_x_at	LOC642236	1.564037428	1.717722976	2.686583026
207622_s_at	ABCF2	2.925065102	1.717551756	5.023950704
218499_at	RP6-213H19.1	1.958909223	1.716516549	3.362500099
214060_at	SSBP1	1.653486358	1.713492555	2.833236564
201376_s_at	HNRNPF	2.411905286	1.713218717	4.132121281
210278_s_at	AP4S1	1.347073227	1.712497303	2.306859268
209157_at	DNAJA2	1.593166845	1.710710575	2.725447369
216532_x_at	LOC728344	1.368471933	1.708113442	2.337505304
217050_at	EPAG	1.665548644	1.707483093	2.84389615
221641_s_at	ACOT9	2.258418803	1.702191313	3.844260866
209027_s_at	ABI1	1.707674524	1.701986231	2.906438527
200927_s_at	RAB14	1.71796126	1.701474297	2.923066927
203640_at	MBNL2	1.638458514	1.700599069	2.786361024
218049_s_at	MRPL13	2.959996563	1.700415223	5.033223215
201457_x_at	BUB3	1.943014648	1.700242306	3.303595706
211115_x_at	SIP1	1.952542808	1.699466632	3.31828135
221517_s_at	MED17	1.862629699	1.697038111	3.160953587
208899_x_at	ATP6V1D	1.473385636	1.69396999	2.495871052
216100_s_at	TOR1AIP1	1.556388622	1.690809973	2.631557403
209799_at	PRKAA1	2.416051028	1.689889465	4.08285918
214513_s_at	CREB1	2.314019119	1.688645747	3.907558545
221449_s_at	ITFG1	2.57384445	1.684313697	4.335161461
217457_s_at	RAP1GDS1	2.309262888	1.68409782	3.889024596
208708_x_at	EIF5	2.559228954	1.682656872	4.306304186
208884_s_at	UBR5	1.887298014	1.682286161	3.17497533
213288_at	MBOAT2	1.804601421	1.680766545	3.033113696
211665_s_at	SOS2	1.327393521	1.680536463	2.230733214
218073_s_at	TMEM48	2.159127914	1.675769225	3.618200111
201452_at	RHEB	1.541718694	1.669082329	2.573255427
202591_s_at	SSBP1	2.709643371	1.668384632	4.520727359
206468_s_at	None	2.408341445	1.667447284	4.015782401
218365_s_at	DARS2	2.089395223	1.665973496	3.480877065
217738_at	NAMPT	1.64757468	1.665687382	2.744344355
208992_s_at	STAT3	1.817268372	1.664697531	3.025202172
208696_at	CCT5	3.347314426	1.662153441	5.56375019
200803_s_at	TMBIM6	1.919072378	1.658398812	3.182587351
203843_at	RPS6KA3	1.789593816	1.656419832	2.964318688
214931_s_at	SRPK2	1.331221274	1.656109732	2.204648508
215992_s_at	RAPGEF2	1.467233268	1.655847593	2.429514675
219758_at	TTC26	1.310808274	1.652860542	2.166583273
221513_s_at	UTP14A	1.324396204	1.651753263	2.187575751
200604_s_at	PRKAR1A	1.37394072	1.640602936	2.254091179
210216_x_at	RAD1	2.050648978	1.638924251	3.360858341
208453_s_at	XPNPEP1	3.614155507	1.636531415	5.914679028
221143_at	RPA4	2.875057911	1.6352154	4.701338971
200950_at	ARPC1A	1.369723294	1.634802419	2.239226954
211622_s_at	ARF3	2.395617654	1.634236478	3.915005758
219079_at	CYB5R4	1.48636266	1.630272381	2.423175993
200638_s_at	YWHAZ	2.695488798	1.623538413	4.376229605
218801_at	UGCGL2	1.540674517	1.618745112	2.493959343
206158_s_at	CNBP	2.140468464	1.61757459	3.462367397
219974_x_at	ECHDC1	2.299105846	1.614366752	3.711600039
200902_at	40801	2.823155055	1.613141202	4.554147738
208816_x_at	ANXA2P2	1.661803035	1.612073614	2.678948825
205761_s_at	DUS4L	1.616077615	1.60824473	2.599048308
222382_x_at	NUP205	1.680914053	1.605584742	2.698849956
213047_x_at	SET	1.572936169	1.604167248	2.523252685

208627_s_at	YBX1	2.158234077	1.602719423	3.459043675
201929_s_at	PKP4	1.78992883	1.598841107	2.861811792
215918_s_at	SPTBN1	1.376150783	1.597505595	2.198408576
219715_s_at	TDP1	1.535615916	1.596931355	2.452273206
221514_at	UTP14A	1.67059454	1.596837751	2.667668427
210009_s_at	GOSR2	3.336940126	1.596105018	5.326106879
212481_s_at	TPM4	2.062458235	1.593715449	3.286971553
208846_s_at	VDAC3	2.125878357	1.590527253	3.381267462
202429_s_at	PPP3CA	1.359415454	1.58984136	2.161254914
201239_s_at	SPCS2	2.459200834	1.582905963	3.892683665
200973_s_at	TSPAN3	2.393244067	1.582115752	3.786389136
210283_x_at	PAIP1	3.178238597	1.581918581	5.027714691
215424_s_at	SNW1	3.479622213	1.579700452	5.496760782
200828_s_at	ZNF207	3.257080306	1.579314584	5.143954429
217786_at	PRMT5	3.127631044	1.579136751	4.938957126
202697_at	NUDT21	1.610587638	1.576125298	2.538487921
221531_at	WDR61	3.055148492	1.574491583	4.810305586
201308_s_at	40797	2.508473181	1.571221227	3.941366308
219217_at	NARS2	1.387766483	1.569785801	2.178496121
211559_s_at	CCNG2	1.367121034	1.569054822	2.14508785
201298_s_at	MOBK1B	2.02350442	1.567113018	3.171060119
209188_x_at	DR1	1.875389338	1.566993949	2.938723744
202162_s_at	CNOT8	1.627769586	1.565148155	2.547700565
215984_s_at	ARFRP1	2.205054861	1.564043731	3.448802232
211793_s_at	ABI2	1.306946066	1.562054006	2.041520338
206302_s_at	NUDT4	1.324300016	1.559048495	2.064647946
220985_s_at	RNF170	1.40955207	1.557396848	2.195231951
203518_at	LYST	1.442937462	1.556874798	2.24647297
221482_s_at	ARPP-19	1.967690852	1.556273556	3.062265241
200872_at	S100A10	1.408379321	1.553299812	2.187635333
202635_s_at	POLR2K	2.336974581	1.553117336	3.629595736
205053_at	PRIM1	1.615025966	1.551761907	2.506135773
203267_s_at	DRG2	1.545495219	1.551623447	2.398026619
209331_s_at	MAX	2.860928216	1.55099038	4.437272142
210596_at	MAGT1	2.153676795	1.550727733	3.339766334
218669_at	RAP2C	1.58340239	1.550329121	2.454794835
204853_at	ORC2L	2.222351537	1.549881396	3.444381304
209015_s_at	DNAJB6	2.301551257	1.547839543	3.562432047
212871_at	MAPKAPK5	1.911251193	1.546166256	2.955112101
215549_x_at	CTAGE4	1.984462968	1.544431628	3.064867372
212436_at	TRIM33	1.589120801	1.543111715	2.452190924
209545_s_at	RIPK2	1.447619299	1.542484744	2.232930685
211681_s_at	PDLIM5	1.4881733	1.536467464	2.286529855
208857_s_at	PCMT1	1.487851828	1.535668553	2.284847264
207974_s_at	SKP1	2.268842567	1.529735083	3.470728073
203345_s_at	MTF2	1.645654837	1.528831494	2.515928943
200889_s_at	SSR1	1.52518641	1.527997316	2.330480742
202579_x_at	HMGN4	1.87403219	1.52444461	2.85685827
209452_s_at	VTI1B	2.033874076	1.523081481	3.097755939
208683_at	CAPN2	3.182044967	1.521472495	4.841393897
217725_x_at	SERBP1	1.648728859	1.519827052	2.505782722
203091_at	FUBP1	2.222991778	1.516032879	3.370128625
212168_at	RBM12	2.214742007	1.515525251	3.356497436
209095_at	DLD	1.449909894	1.514447403	2.195812273
201127_s_at	ACLY	3.12071727	1.514428374	4.726102782
214074_s_at	CTTN	1.876908804	1.512867612	2.83951454
203790_s_at	HRSP12	1.882906753	1.511579742	2.846163703
209276_s_at	GLRX	1.307837612	1.51033512	1.975273078
217821_s_at	WBP11	1.92441363	1.509565748	2.9050289
212254_s_at	DST	1.452259714	1.509319145	2.191923389
207275_s_at	ACSL1	2.141852341	1.508733726	3.231484864

204976_s_at	AMMECR1	2.146100159	1.507674514	3.235620514
209108_at	TSPAN6	1.316756173	1.506118176	1.983190406
209139_s_at	PRKRA	1.896384386	1.506083839	2.856113876
218842_at	RPAP3	1.633348188	1.50290249	2.454763059
204023_at	RFC4	1.734762441	1.498089554	2.598829491
208897_s_at	DDX18	1.606458241	1.495794627	2.402931605
209853_s_at	PSME3	2.503437843	1.494911649	3.742418394
208863_s_at	SFRS1	1.93974053	1.489489996	2.889224114
211804_s_at	CDK2	2.263003921	1.488800228	3.369160753
211337_s_at	TUBGCP4	1.877768282	1.488744335	2.795516892
222035_s_at	PAPOLA	2.326275607	1.482554296	3.448829896
201695_s_at	NP	1.496300929	1.482384217	2.218092882
214107_x_at	LOC729034	2.579341127	1.478763301	3.814235
209063_x_at	LOC645139	2.873773705	1.478613139	4.249199559
221622_s_at	TMEM126B	2.003278565	1.478505738	2.961858853
202925_s_at	PLAGL2	1.821660891	1.478129058	2.692649897
212792_at	DPY19L1	2.342197176	1.477321031	3.460177146
210092_at	MAGOH	1.651328539	1.476593087	2.438340305
203319_s_at	ZNF148	1.905016776	1.475794053	2.81141243
211725_s_at	BID	1.504902931	1.471990547	2.215202888
202941_at	NDUFV2	2.251626426	1.471671771	3.31365505
208761_s_at	SUMO1	1.81702305	1.471602928	2.673936441
202691_at	SNRPD1	1.469310693	1.471420847	2.161974385
200693_at	YWHAQ	2.614028859	1.471130418	3.845577368
209600_s_at	ACOX1	1.651048891	1.468561076	2.424666136
218479_s_at	XPO4	1.312648993	1.463946225	1.921647539
203696_s_at	RFC2	1.597162562	1.463896229	2.338080251
210988_s_at	PRUNE	1.380714237	1.463768804	2.021046427
202179_at	BLMH	1.607419002	1.461627422	2.349447691
209249_s_at	GHITM	1.792309705	1.459574799	2.616010078
209069_s_at	H3F3B	1.812905644	1.45774931	2.642761951
219283_at	C1GALT1C1	2.402444697	1.457710996	3.502070052
203293_s_at	LMAN1	1.370350102	1.457509743	1.997298625
209307_at	SWAP70	1.609456923	1.454280037	2.340601072
203165_s_at	SLC33A1	1.396760761	1.45170147	2.02767965
209386_at	TM4SF1	1.389564972	1.451536674	2.017004517
212568_s_at	DLAT	1.561320705	1.451081273	2.265603238
217383_at	PGK1	1.812908111	1.444474343	2.618699253
202514_at	DLG1	1.436436562	1.444372983	2.074750162
215084_s_at	LRRC42	1.403113219	1.44216131	2.023515598
202736_s_at	LSM4	2.063104166	1.44087161	2.972668221
201520_s_at	GRSF1	2.768923028	1.440203356	3.987812239
216640_s_at	PDIA6	1.920080901	1.439346328	2.763661395
202918_s_at	MOBK13	1.775574977	1.438343564	2.553886839
212896_at	SKIV2L2	1.856382816	1.437559709	2.668661141
204459_at	CSTF2	1.351823259	1.435897225	1.941079266
221547_at	PRPF18	1.686304963	1.434174912	2.418456272
204350_s_at	MED7	2.20724942	1.434119374	3.165459157
204132_s_at	FOXO3	2.0775093	1.433409764	2.977922116
218167_at	AMZ2	1.56002377	1.432832059	2.235252071
221770_at	RPE	2.038201811	1.426881339	2.90827213
212247_at	NUP205	1.996657583	1.425590164	2.846415411
220949_s_at	C7orf49	1.775462772	1.425093304	2.530200107
219420_s_at	C1orf163	1.536079783	1.424378949	2.187959707
212206_s_at	H2AFV	1.476631435	1.423888483	2.102558493
201888_s_at	IL13RA1	1.644265886	1.418737124	2.332781055
203338_at	PPP2R5E	1.445189106	1.418212255	2.049584901
212470_at	SPAG9	1.900750373	1.414221787	2.688082588
212985_at	APBB2	1.838108524	1.410606773	2.592848333
AFFX- HUMISGF3A/M97935_MA_at	STAT1	2.171575542	1.410519986	3.063050703

216652_s_at	DR1	1.645976487	1.41007552	2.320951151
212025_s_at	FLII	1.863763208	1.4094925	2.626960265
210235_s_at	PPFIA1	1.826897735	1.407654114	2.571640113
213423_x_at	TUSC3	2.924887642	1.405606753	4.111241822
201914_s_at	SEC63	1.475846941	1.405588966	2.074434176
213794_s_at	NGDN	2.68075732	1.403064199	3.761274623
221676_s_at	CORO1C	2.416045074	1.402820022	3.389276403
217955_at	BCL2L13	2.776322697	1.401527999	3.891093994
1053_at	RFC2	2.348767887	1.399291357	3.286610604
203142_s_at	AP3B1	1.355600018	1.39835962	1.895616326
208653_s_at	CD164	1.444092754	1.397652552	2.018339923
203893_at	TAF9	1.485985978	1.397429894	2.076561227
208967_s_at	AK2	2.355755406	1.39434318	3.284731485
209590_at	BMP7	2.283284987	1.392422679	3.179297798
213182_x_at	CDKN1C	1.461838265	1.39239315	2.035453588
217960_s_at	TOMM22	1.36926067	1.390552073	1.904028263
220121_at	LINS1	1.388764348	1.389330413	1.929452545
208642_s_at	XRCC5	2.734559153	1.388750112	3.797619331
212460_at	C14orf147	2.130658664	1.388322767	2.958041932
218462_at	BXDC5	1.445013025	1.385195352	2.001625327
203492_x_at	CEP57	1.481318788	1.38433419	2.050640244
201144_s_at	EIF2S1	2.296906988	1.382990409	3.176600336
201021_s_at	DSTN	1.375569584	1.377552065	1.894918721
210765_at	CSE1L	1.888082513	1.377005105	2.59989926
209860_s_at	ANXA7	1.981716562	1.374606748	2.724080959
217743_s_at	TMEM30A	1.691655863	1.373200169	2.322982118
202232_s_at	EIF3M	2.265070641	1.372754789	3.109386571
217465_at	NCKAP1	1.605273277	1.372692034	2.203545839
212225_at	EIF1	1.459062087	1.366215843	1.993393739
202078_at	COPS3	1.429676324	1.361443734	1.946423872
208643_s_at	XRCC5	1.673976464	1.359822975	2.276311656
214449_s_at	RHOQ	2.806843503	1.357447718	3.810143309
218172_s_at	DERL1	1.649641783	1.353818249	2.233315149
208980_s_at	UBC	2.907060914	1.353353595	3.934281339
219200_at	FASTKD3	2.006734371	1.351116324	2.711331566
201920_at	SLC20A1	2.039190814	1.349329328	2.751539971
212342_at	YIPF6	1.685404068	1.346786945	2.269880196
221703_at	BRIP1	2.229833737	1.345712886	3.000715993
208800_at	SRP72	1.931580099	1.344988072	2.597952193
207845_s_at	ANAPC10	2.623981484	1.344668061	3.528384094
209445_x_at	C7orf44	1.796042127	1.344466157	2.414717856
202467_s_at	COPS2	1.835151639	1.339889895	2.458901136
205324_s_at	FTSJ1	1.96710661	1.339358242	2.63466045
201619_at	PRDX3	3.144912921	1.337394361	4.205988808
209628_at	NXT2	1.521182161	1.336594414	2.033203579
202566_s_at	SVIL	1.398041356	1.335993399	1.867774023
211963_s_at	ARPC5	2.620643407	1.333803471	3.495423271
219356_s_at	CHMP5	2.632500762	1.333731772	3.511049906
204113_at	CUGBP1	1.934481976	1.33209682	2.576917288
213031_s_at	WDR73	1.88977161	1.331103312	2.515481249
218118_s_at	TIMM23	1.491773804	1.331068384	1.985652946
204752_x_at	PARP2	1.342312529	1.329523539	1.784636104
204361_s_at	SKAP2	1.817740902	1.328286769	2.414481189
200996_at	ACTR3	1.719495333	1.327397642	2.28245405
215090_x_at	LOC440434	2.631244092	1.326699384	3.490869916
203582_s_at	RAB4A	1.920379278	1.324613453	2.543760227
214141_x_at	SFRS7	2.275223525	1.322769474	3.009596226
211139_s_at	NAB1	1.307016007	1.321133543	1.726742688
218238_at	GTPBP4	1.523635665	1.320792135	2.012406003
217744_s_at	PERP	1.690111912	1.320226921	2.231331245
209804_at	DCLRE1A	1.553579859	1.314947717	2.042876288

209520_s_at	NCBP1	1.877143552	1.313859518	2.466302923
217848_s_at	PPA1	2.626231962	1.313356722	3.449179401
203087_s_at	KIF2A	2.986602338	1.312625734	3.920291086
205004_at	NKRF	1.897369459	1.312411018	2.490128583
200881_s_at	DNAJA1	1.453689005	1.309878482	1.904155947
220369_at	SMEK1	1.551966847	1.309793799	2.032756551
204725_s_at	NCK1	1.950765079	1.307663852	2.550944978
202131_s_at	RIOK3	1.610653144	1.306374261	2.104115812
209861_s_at	METAP2	2.847167296	1.304177624	3.713211878
215220_s_at	TPR	2.347029142	1.303847313	3.06016764
219449_s_at	TMEM70	2.56580495	1.303528797	3.34460064
218568_at	AGK	1.516241312	1.302931351	1.975558341
201020_at	YWHAH	1.331326594	1.300163262	1.730941927
200739_s_at	SUMO3	1.885745604	1.300150473	2.45175304
209902_at	ATR	1.970785581	1.299224269	2.560492455
206238_s_at	YAF2	2.664532984	1.298898255	3.460957242
209796_s_at	CNPY2	1.631111868	1.29691293	2.115410072
200755_s_at	CALU	1.311506775	1.295111311	1.698547259
201485_s_at	RCN2	1.657130457	1.294553451	2.145243952
201899_s_at	UBE2A	2.063824956	1.293427853	2.669408682
207551_s_at	MSL3	2.04075172	1.293344301	2.639394608
204336_s_at	RGS19	1.337611315	1.29266689	1.729085858
219399_at	LIN7C	1.67104856	1.290297163	2.156149216
204643_s_at	ENOX2	1.54509483	1.28671248	1.9880928
219158_s_at	NARG1	1.579622116	1.285910184	2.031252166
202753_at	PSMD6	1.910806528	1.28309699	2.451750106
203594_at	RTCD1	1.349606005	1.283035193	1.731592
205282_at	LRP8	1.313835549	1.280945315	1.682951492
217739_s_at	NAMPT	1.338718745	1.277438693	1.710131124
209330_s_at	HNRNPD	1.7694121	1.276612209	2.25885309
213823_at	HOXA11	2.002986235	1.275943108	2.555696481
202061_s_at	SEL1L	1.704458684	1.275711178	2.174396995
201518_at	CBX1	1.528466201	1.274766176	1.948437014
201222_s_at	RAD23B	1.352475798	1.272249432	1.720686566
219099_at	C12orf5	2.255702781	1.271286679	2.867644898
201653_at	CNIH	1.747162242	1.270401012	2.219596681
201317_s_at	PSMA2	2.188657485	1.269682847	2.778900865
200883_at	UQCRC2	1.813732854	1.269213877	2.302014908
201196_s_at	AMD1	1.361616865	1.267894099	1.726385988
206854_s_at	MAP3K7	1.408291117	1.264505353	1.780791657
201121_s_at	PGRMC1	2.629952894	1.263293359	3.322402024
221477_s_at	SOD2	1.617288663	1.262090148	2.041164089
202100_at	RALB	1.440404461	1.261859151	1.817587551
212678_at	NF1	2.445644792	1.26087184	3.083644648
212378_at	GART	1.872755408	1.260810892	2.361190417
202290_at	PDAP1	1.945050804	1.260380261	2.45150364
203415_at	PDCD6	2.438808276	1.260120752	3.073192918
201132_at	HNRNPH2	1.958201637	1.257565746	2.462567301
221194_s_at	RNFT1	1.96289022	1.254368329	2.462187325
217932_at	MRPS7	1.36066133	1.253888142	1.706117107
219819_s_at	MRPS28	1.316340573	1.252244181	1.648379823
202165_at	PPP1R2	1.770237061	1.24986162	2.21255136
212121_at	TCTN3	1.518353655	1.249373363	1.896990613
209022_at	STAG2	1.479190807	1.248694284	1.847057107
222122_s_at	THOC2	1.772371644	1.247647677	2.211295364
219030_at	TPRKB	1.715111767	1.246286003	2.137519789
201274_at	PSMA5	2.271368732	1.24508649	2.828050522
210540_s_at	B4GALT4	1.412508994	1.244484617	1.757845714
211666_x_at	RPL3	1.667832434	1.244145576	2.075026344
209049_s_at	ZMYND8	1.329243714	1.244082014	1.653688197
215227_x_at	ACP1	2.005170169	1.243515919	2.493461024

217099_s_at	GEMIN4	1.642599155	1.238629926	2.03457247
212260_at	GIGYF2	1.424253378	1.237868691	1.763038665
212749_s_at	RCHY1	1.767133121	1.231906444	2.176942679
208600_s_at	GPR39	1.562086549	1.231118329	1.923113382
204699_s_at	C1orf107	2.417518298	1.225284726	2.962148245
216977_x_at	SNRPA1	1.472912895	1.221479411	1.799132775
213503_x_at	ANXA2	1.47351781	1.22054792	1.798499098
201847_at	LIPA	1.64057093	1.219816272	2.001195116
210427_x_at	ANXA2	1.48285211	1.216254917	1.80352617
221437_s_at	MRPS15	2.627909323	1.215567555	3.194401312
204496_at	STRN3	1.590631013	1.21216869	1.928113112
215773_x_at	PARP2	1.460768327	1.212122351	1.770629939
203465_at	MRPL19	2.516133409	1.211040169	3.04713863
209175_at	SEC23IP	2.643364265	1.209556591	3.197298667
208047_s_at	NAB1	1.414264994	1.209140222	1.710044689
217745_s_at	NAT13	2.611285181	1.208582541	3.155953679
200593_s_at	HNRNPU	1.885496633	1.207563996	2.276857849
203676_at	GNS	2.205775503	1.207212447	2.662839643
221808_at	RAB9A	2.288627876	1.207180221	2.762786306
205480_s_at	UGP2	1.971063714	1.205737218	2.376584879
205084_at	BCAP29	1.564322859	1.205734759	1.886158445
217890_s_at	PARVA	1.698005147	1.205182209	2.046405593
209856_x_at	ABI2	1.450400501	1.204628447	1.747193703
201590_x_at	ANXA2	1.457991337	1.204199844	1.75571294
202142_at	COPS8	2.108343246	1.203365507	2.53710754
204216_s_at	ZC3H14	1.978143175	1.201792133	2.377316906
213655_at	YWHAE	1.601369147	1.2008877	1.923064511
218360_at	RAB22A	1.303302581	1.19647849	1.559373504
211505_s_at	STAU1	1.76919242	1.196077255	2.116090814
211376_s_at	NSMCE4A	2.280564721	1.195625285	2.726700845
218558_s_at	MRPL39	2.551562215	1.195344509	3.049995883
218668_s_at	RAP2C	1.738870345	1.193566999	2.075458259
218598_at	RINT1	1.309713056	1.191875601	1.561015036
201068_s_at	PSMC2	1.476902117	1.187650352	1.754043319
202413_s_at	USP1	1.402708554	1.183654404	1.660322158
210573_s_at	POLR3C	1.659846749	1.183651773	1.964680548
211672_s_at	ARPC4	1.487661421	1.180954738	1.756860804
210907_s_at	PDCD10	1.861413457	1.179532864	2.195598347
201699_at	PSMC6	1.745734526	1.178517851	2.057379303
209085_x_at	RFC1	2.01168279	1.177646545	2.369051287
219649_at	ALG6	1.319615263	1.171947032	1.546519191
202214_s_at	CUL4B	1.317906852	1.169976149	1.541919583
220588_at	BCAS4	1.507272705	1.169535205	1.762808492
202704_at	TOB1	1.886258782	1.167866731	2.202898878
220631_at	OSGEPL1	1.359068963	1.167513883	1.586731882
211714_x_at	TUBB	1.408309913	1.166225406	1.6424068
203433_at	MTHFS	2.465168399	1.166221415	2.874932179
200984_s_at	CD59	1.872443713	1.166001916	2.183272957
202300_at	HBXIP	1.600645781	1.164756376	1.864362379
212522_at	PDE8A	2.070625886	1.164330692	2.41089327
200934_at	DEK	1.600975187	1.162582588	1.861265875
206052_s_at	SLBP	2.044749077	1.161793194	2.375575562
206992_s_at	ATP5S	1.573294949	1.161792426	1.827842156
218229_s_at	POGK	1.931136715	1.160648596	2.241371117
220607_x_at	TH1L	1.624138601	1.157335922	1.879673945
209026_x_at	TUBB	1.339232027	1.157295098	1.549886659
218894_s_at	MAGOHB	2.547781573	1.152313492	2.935843083
211098_x_at	TMCO1	1.44965992	1.151305174	1.669000966
202776_at	DNTTIP2	1.490770196	1.151113443	1.716045612
202309_at	MTHFD1	2.452917899	1.149033747	2.818485445
218123_at	C21orf59	2.306312857	1.14541641	2.641688593

202487_s_at	H2AFV	1.678083479	1.144742393	1.920973298
219207_at	EDC3	1.550721147	1.143491714	1.773236781
200669_s_at	UBE2D3	1.710477458	1.142271275	1.953829266
213754_s_at	PAIP1	2.146455154	1.14203657	2.451330282
201091_s_at	CBX3	1.78117428	1.141450885	2.033122959
201825_s_at	SCCPDH	1.799452009	1.140886531	2.05297056
200821_at	LAMP2	1.461459313	1.132839508	1.655598848
200033_at	DDX5	1.804770566	1.131881784	2.042786929
219275_at	PDCD5	1.34682981	1.131798226	1.524339589
219675_s_at	UXS1	1.89504069	1.131679309	2.144578339
221265_s_at	C15orf44	1.31328861	1.131291652	1.485712441
208778_s_at	TCP1	2.981865002	1.130528822	3.371084328
200072_s_at	HNRNPM	2.197044605	1.129623583	2.481833398
213404_s_at	RHEB	1.795463964	1.129541364	2.028050815
201676_x_at	PSMA1	1.693705389	1.123113931	1.902224117
207630_s_at	CREM	1.826174639	1.122977774	2.050753531
218482_at	ENY2	1.728441072	1.121873474	1.939092191
219177_at	BXDC2	1.566939321	1.119250473	1.753797576
201351_s_at	YME1L1	1.563937886	1.119099455	1.750202036
204833_at	ATG12	1.471241459	1.116822476	1.64311553
217879_at	CDC27	1.532441995	1.11421814	1.707474668
208066_s_at	GTF2B	1.738925966	1.113616801	1.936497172
205061_s_at	EXOSC9	1.744404488	1.108937469	1.934435497
211746_x_at	PSMA1	1.92075732	1.108466983	2.129096072
206989_s_at	SFRS2IP	1.443981407	1.107620695	1.59938369
212712_at	CAMSAP1	2.929425932	1.099489787	3.220873894
202522_at	PITPNB	2.038690095	1.097788	2.238049522
201931_at	ETFA	2.12688323	1.097214409	2.333646927
202483_s_at	RANBP1	1.353211584	1.097176204	1.484711549
204832_s_at	BMPR1A	1.577462333	1.096348904	1.7294491
217834_s_at	SYNCRIP	1.560206423	1.095211275	1.708755665
217907_at	MRPL18	2.147311556	1.09029789	2.341209259
210028_s_at	ORC3L	1.792968924	1.090105647	1.954525548
208663_s_at	TTC3	1.868486178	1.09005312	2.036749188
211985_s_at	CALM1	1.580325736	1.089944897	1.722467972
200084_at	C11orf58	1.343427712	1.089078977	1.463098879
210947_s_at	MSH3	1.707578336	1.088946004	1.859460605
218866_s_at	POLR3K	2.788547828	1.088906734	3.036468509
209284_s_at	C3orf63	1.936777189	1.085024443	2.101450591
200664_s_at	DNAJB1	1.601871082	1.08486607	1.737815586
208842_s_at	GORASP2	1.619492897	1.083454843	1.754647423
214875_x_at	APLP2	1.371245746	1.079240114	1.479903415
217956_s_at	ENOPH1	2.054064392	1.076423389	2.211042954
214251_s_at	NUMA1	1.999738336	1.075832553	2.1513836
211594_s_at	MRPL9	1.893239597	1.075382128	2.035956027
214711_at	GATC	1.523931402	1.072870491	1.634981031
202055_at	KPNA1	2.57232619	1.070953199	2.754840963
212986_s_at	TLK2	1.319185196	1.067075218	1.40766983
200057_s_at	NONO	1.835343153	1.066075545	1.956614452
212833_at	SLC25A46	1.613710674	1.066035032	1.72027211
210011_s_at	EWSR1	2.2666392	1.06547367	2.415044386
203197_s_at	C1orf123	1.542757873	1.064733551	1.642626069
209247_s_at	ABCF2	1.829166363	1.064606441	1.947342292
217322_x_at	None	1.483396954	1.064337323	1.578834742
204835_at	POLA1	1.740577924	1.064212557	1.852344883
210460_s_at	PSMD4	1.82127519	1.06370444	1.937298507
201202_at	PCNA	2.902603153	1.063235338	3.086150245
212711_at	CAMSAP1	3.015680277	1.060250423	3.197376289
218343_s_at	GTF3C3	1.527224774	1.051765909	1.606282953
203194_s_at	NUP98	3.600121644	1.047492969	3.771102111
214795_at	ZMYND8	1.408715193	1.046995753	1.474918824

219193_at	WDR70	2.030537173	1.046750553	2.125465907
216988_s_at	PTP4A2	3.152632595	1.046441622	3.299045966
219924_s_at	ZMYM6	1.713159312	1.044637406	1.789630301
217832_at	SYNCRIP	1.425524047	1.044264874	1.48862469
AFFX-HUMGAPDH/M33197_5_at	GAPDH	2.026948073	1.041558691	2.111185382
202679_at	NPC1	1.649772294	1.035926071	1.70904213
218488_at	EIF2B3	1.542799096	1.034417115	1.595897789
208679_s_at	ARPC2	2.041612902	1.033674628	2.110363456
201947_s_at	CCT2	2.546236768	1.032420954	2.628788194
214550_s_at	TNPO3	1.524506584	1.031223997	1.572107773
213180_s_at	GOSR2	2.294370255	1.028469234	2.359689218
212196_at	IL6ST	2.276028252	1.027311266	2.338189465
220363_s_at	ELMO2	2.367346104	1.026366146	2.429763896
205459_s_at	NPAS2	1.898708173	1.025338979	1.946819499
218827_s_at	CEP192	1.672448682	1.019750623	1.705480585
218569_s_at	KBTBD4	1.403624183	1.018774915	1.429977108
214155_s_at	LARP4	1.623577698	1.017634322	1.652208389
201318_s_at	None	1.89854344	1.015340623	1.927668279
210458_s_at	TANK	1.458218241	1.013704645	1.478202604
214300_s_at	TOP3A	1.620416365	1.010831718	1.637968259
200750_s_at	RAN	3.702048329	1.010349572	3.740362945
208777_s_at	PSMD11	2.98886846	1.009114033	3.016109106
206044_s_at	BRAF	1.601772835	1.006435889	1.612081666
201713_s_at	RANBP2	1.580830724	1.005664552	1.589785422
209084_s_at	RFC1	1.704828972	1.004906965	1.713194508
209450_at	OSGEP	1.618671407	1.000600785	1.619643881
208784_s_at	KLHDC3	1.482802962	-1.000826666	-1.484028745
212802_s_at	GAPVD1	1.469647658	-1.002074397	-1.472696291
215404_x_at	FGFR1	2.114629318	-1.002918355	-2.120800558
202344_at	HSF1	1.393076203	-1.003024455	-1.397289499
208030_s_at	ADD1	1.334480877	-1.003056452	-1.338559654
202096_s_at	TSPO	1.815305968	-1.005254938	-1.824845289
212890_at	SLC38A10	1.452079175	-1.005357976	-1.45985938
203503_s_at	PEX14	2.200875697	-1.00775994	-2.217954361
215208_x_at	RPL35A	1.617639198	-1.009017763	-1.632226684
206106_at	MAPK12	1.922872323	-1.009491852	-1.941123944
201441_at	COX6B1	1.599172645	-1.010417311	-1.615831725
202187_s_at	PPP2R5A	1.969988772	-1.010554489	-1.990780997
201949_x_at	CAPZB	3.462272546	-1.011356568	-3.501592078
212152_x_at	ARID1A	1.845864443	-1.011577337	-1.867234637
213279_at	DHRS1	1.316654435	-1.011754964	-1.332131661
213660_s_at	TOP3B	1.304227021	-1.012885443	-1.321032563
218745_x_at	TMEM161A	1.490856425	-1.013016727	-1.510262495
218132_s_at	TSEN34	2.030835765	-1.013658794	-2.058574531
205205_at	RELB	1.551169347	-1.014122501	-1.573075737
206056_x_at	SPN	2.228448991	-1.015262893	-2.262461568
219379_x_at	ZNF358	2.666252538	-1.01539055	-2.707287631
203155_at	SETDB1	1.93717193	-1.016223924	-1.968600459
203080_s_at	BAZ2B	2.4832914	-1.016822231	-2.525065901
202876_s_at	PBX2	1.42310765	-1.018200552	-1.449008995
212384_at	BAT1	1.906111996	-1.018707893	-1.941771335
218240_at	NKIRAS2	1.454898989	-1.020015426	-1.484019412
221907_at	TRMT61A	1.591331097	-1.020185056	-1.623452204
222200_s_at	BSDC1	2.351120368	-1.02094202	-2.400357579
204449_at	PDCL	1.75477169	-1.021188458	-1.791952596
208728_s_at	CDC42	1.886044393	-1.022036714	-1.927606615
213517_at	PCBP2	1.66249641	-1.024656931	-1.703488469
208713_at	HNRNPUL1	2.327941966	-1.025244483	-2.386709657
214808_at	None	1.327825902	-1.025945143	-1.362276534
221769_at	SPSB3	1.550328998	-1.02659998	-1.591567719

32029_at	PDPK1	1.413696206	-1.027494815	-1.452565522
205449_at	SAC3D1	1.766242085	-1.030677723	-1.820426371
218335_x_at	TNIP2	1.345279293	-1.030832542	-1.386757673
219838_at	TTC23	1.489952146	-1.031821081	-1.537364033
203643_at	ERF	1.646088957	-1.032500297	-1.699587337
218155_x_at	TSR1	3.287067186	-1.032780752	-3.394819719
219333_s_at	CAPN10	2.84724133	-1.033201937	-2.941775258
211752_s_at	NDUFS7	1.430551238	-1.036118244	-1.482220237
207798_s_at	ATXN2L	2.144606495	-1.036412949	-2.222697941
201059_at	CTTN	1.979340363	-1.046366307	-2.071115066
221767_x_at	HDLBP	2.22624431	-1.046553412	-2.329883578
202044_at	GRLF1	2.288050875	-1.046939578	-2.395451018
213474_at	KCTD7	1.878068745	-1.047863089	-1.967958916
45572_s_at	GGA1	1.62242486	-1.048483031	-1.701084934
212101_at	KPNA6	1.348450329	-1.050555557	-1.416621986
211040_x_at	GTSE1	1.524896361	-1.051670923	-1.603689163
209238_at	STX3	2.517779852	-1.054478598	-2.654944968
220079_s_at	USP48	2.015952931	-1.054512448	-2.12584746
212111_at	STX12	1.505427504	-1.055590107	-1.589114379
203055_s_at	ARHGEF1	2.009297052	-1.057294233	-2.124418186
218962_s_at	TMEM168	1.886018752	-1.057349697	-1.994181355
214017_s_at	DHX34	2.043872457	-1.061425636	-2.169418623
221904_at	FAM131A	1.696308255	-1.061742087	-1.801041867
221818_at	INTS5	2.198366598	-1.062690288	-2.336182833
213227_at	PGRMC2	1.828473418	-1.065101929	-1.947510565
208190_s_at	LSR	1.306665003	-1.066212905	-1.393183088
210723_x_at	NCRNA00093	1.451538068	-1.067345712	-1.549292933
215928_at	None	2.814102427	-1.068726681	-3.007506346
38340_at	HIP1R	1.314192763	-1.069800917	-1.405924623
44696_at	TBC1D13	1.806260133	-1.072353276	-1.936948972
219002_at	FASTKD1	2.148590531	-1.072495505	-2.304353686
218893_at	ISOC2	1.414576845	-1.073262644	-1.518212484
39705_at	SIN3B	2.411083923	-1.074027251	-2.589569839
204859_s_at	APAF1	1.661528314	-1.076871013	-1.789251679
216144_at	None	2.117415434	-1.078339683	-2.283293087
57539_at	LIME1	1.575271952	-1.07942853	-1.700393487
77508_r_at	RABEP2	1.381375832	-1.080251955	-1.492233943
212209_at	MED13L	1.705004241	-1.082318405	-1.84535747
208238_x_at	None	2.099608752	-1.083256258	-2.274414319
36129_at	SGSM2	1.63896054	-1.083701737	-1.776144385
221762_s_at	PCIF1	1.410609602	-1.08401939	-1.52912816
221998_s_at	VRK3	1.810643557	-1.084219964	-1.963135893
215595_x_at	None	2.280164319	-1.084806907	-2.473538003
203950_s_at	CLCN6	1.366850596	-1.085631592	-1.483896188
206848_at	HOXA7	1.513239102	-1.086619429	-1.644315009
203938_s_at	TAF1C	1.972025332	-1.086663585	-2.142928117
217446_x_at	None	2.916940517	-1.088856251	-3.176128917
212218_s_at	FASN	1.361863444	-1.089581548	-1.483861279
210649_s_at	ARID1A	2.43563006	-1.089812853	-2.654380945
218407_x_at	NENF	1.321787616	-1.090518128	-1.441433357
213313_at	RABGAP1	1.903615468	-1.090813947	-2.076490303
213842_x_at	NSUN5C	1.449507485	-1.091160398	-1.581645165
215568_x_at	LYPLA2	3.152302348	-1.091412815	-3.44046318
219186_at	ZBTB7A	1.538252589	-1.091666786	-1.679259259
202702_at	TRIM26	1.560329804	-1.091963266	-1.703822829
205370_x_at	DBT	2.542941759	-1.093809929	-2.781494946
209561_at	THBS3	1.522006015	-1.095757097	-1.667748892
212329_at	SCAP	2.171960858	-1.095770342	-2.379970291
212319_at	SGSM2	1.91585642	-1.095946156	-2.09967548
221005_s_at	PTDSS2	1.314867674	-1.097203281	-1.442677126
220777_at	KIF13A	1.701899703	-1.097629282	-1.868054949

218697_at	NCKIPSD	1.35305395	-1.098017729	-1.485677225
203916_at	NDST2	1.852983293	-1.098219039	-2.034981532
219696_at	DENND1B	1.697859163	-1.099139452	-1.866183991
218522_s_at	MAP1S	1.360923248	-1.099976932	-1.496984178
206048_at	OVOL2	3.021096232	-1.103642702	-3.33421081
53968_at	INTS5	2.36840069	-1.10373821	-2.614094338
210705_s_at	TRIM5	2.064779808	-1.106432384	-2.284539246
41858_at	FRAG1	2.198426837	-1.107128574	-2.433941169
56829_at	TRAPPC9	1.546952665	-1.112065172	-1.72031218
202960_s_at	MUT	1.514713865	-1.112605973	-1.685279694
218777_at	REEP4	2.309235559	-1.11371257	-2.571824669
206487_at	UNC84A	1.554758364	-1.114065862	-1.732103217
216211_at	None	1.469059515	-1.114275125	-1.636936475
211424_x_at	METTL7A	2.468993547	-1.114677148	-2.752130685
40446_at	PHF1	2.010071638	-1.11651711	-2.244279376
201701_s_at	PGRMC2	2.198116095	-1.117260565	-2.455868431
221506_s_at	TNPO2	2.725267909	-1.118320622	-3.047723302
222128_at	NSUN6	1.588766535	-1.11946795	-1.778573216
203174_s_at	ARFRP1	1.970915219	-1.119530527	-2.206499754
217544_at	LOC729806	1.60267632	-1.120128262	-1.795203041
50277_at	GGA1	2.002695778	-1.120556288	-2.244133348
215179_x_at	PGF	2.800194226	-1.120901205	-3.138741082
213685_at	None	1.320764522	-1.121949357	-1.481830906
217855_x_at	SDF4	1.503430313	-1.122109067	-1.687012787
215529_x_at	DIP2A	2.149185791	-1.123734956	-2.4151152
205750_at	BPHL	1.659177158	-1.124316708	-1.8654406
202040_s_at	JARID1A	2.999059476	-1.125272401	-3.374758858
202354_s_at	GTF2F1	1.536238603	-1.125726194	-1.729384035
201933_at	CHMP1A	2.734257401	-1.125771316	-3.078148553
221848_at	ZGPAT	2.137222507	-1.126703624	-2.408016343
206257_at	CCDC9	3.173965176	-1.126782132	-3.576367249
203825_at	BRD3	2.478184732	-1.127039298	-2.793011582
213445_at	ZC3H3	1.496739729	-1.130220864	-1.691646469
221006_s_at	SNX27	1.40918	-1.131907074	-1.59506081
219019_at	LRDD	2.343558266	-1.132868297	-2.654942863
215600_x_at	FBXW12	2.008105276	-1.133664349	-2.276517359
209413_at	B4GALT2	1.925033332	-1.13478666	-2.184502145
211779_x_at	AP2A2	2.087044635	-1.135129588	-2.369066116
38892_at	KIAA0240	1.989350046	-1.137038178	-2.26196695
221267_s_at	FAM108A1	1.385404424	-1.138954029	-1.57791195
211136_s_at	CLPTM1	1.963008596	-1.139554384	-2.236955053
203686_at	MPG	3.080184168	-1.141015134	-3.51453675
219290_x_at	DAPP1	3.919956087	-1.141779035	-4.475723678
217729_s_at	AES	1.413686086	-1.143904241	-1.617121509
220113_x_at	POLR1B	2.264493557	-1.14450777	-2.591730471
208759_at	NCSTN	2.526905059	-1.144701098	-2.892550997
214188_at	None	1.486858048	-1.148276918	-1.707324777
203749_s_at	RARA	2.0587962	-1.149463334	-2.366510745
206551_x_at	KLHL24	2.075517893	-1.149723803	-2.386272326
213460_x_at	NSUN5C	1.571506653	-1.149911628	-1.807093775
220525_s_at	AUP1	1.962660138	-1.151245596	-2.25950384
219224_x_at	ZNF408	1.599567741	-1.153268972	-1.844731844
202292_x_at	LYPLA2	2.640061742	-1.15385245	-3.046241708
213127_s_at	MED8	2.137645183	-1.155550716	-2.470157422
214751_at	ZNF468	2.130163788	-1.155561389	-2.461535025
203831_at	R3HDM2	2.705415753	-1.15565704	-3.126532762
222125_s_at	P4HTM	1.317773926	-1.158373757	-1.526474733
203522_at	CCS	1.550081411	-1.159156225	-1.796786517
203330_s_at	STX5	1.648655201	-1.159984378	-1.912414278
215373_x_at	IBD12	2.136370954	-1.160660846	-2.47960212
202102_s_at	BRD4	2.597533269	-1.161982993	-3.018289481

218251_at	MID1IP1	1.442544038	-1.16359218	-1.678532962
46256_at	SPSB3	1.86329339	-1.164065779	-2.168996072
214722_at	NOTCH2NL	1.869770011	-1.164266381	-2.176910363
44617_at	OGFOD2	1.821716859	-1.16514517	-2.122564599
212147_at	SMG5	2.601667114	-1.165453395	-3.03212177
37012_at	CAPZB	3.64434435	-1.16682018	-4.252294531
204275_at	SOLH	2.031531391	-1.169215495	-2.37529798
216858_x_at	None	2.663107334	-1.169428513	-3.114313649
38710_at	OTUB1	1.354110286	-1.17077327	-1.585356127
219630_at	PDZK1IP1	1.31790619	-1.17093164	-1.543178057
215978_x_at	LOC152719	2.192300333	-1.172277312	-2.569983942
216813_at	None	2.417917934	-1.17341201	-2.837213942
221943_x_at	RPL38	1.612040337	-1.175275083	-1.89459084
209352_s_at	SIN3B	1.862577856	-1.175539934	-2.189534649
220319_s_at	MYLIP	1.940369434	-1.177073664	-2.28395776
218189_s_at	NANS	1.802514524	-1.177720258	-2.122857869
219188_s_at	MACROD1	1.52753803	-1.178385057	-1.800027989
211996_s_at	LOC23117	1.407673281	-1.179399372	-1.660208983
215846_at	None	1.422992454	-1.179894242	-1.678980604
200747_s_at	NUMA1	2.220198103	-1.179913496	-2.619641705
215588_x_at	RIOK3	1.57466384	-1.181014785	-1.859701277
219999_at	MAN2A2	1.796581071	-1.181130083	-2.121995949
218523_at	LHPP	1.683842117	-1.181954568	-1.990224883
219625_s_at	COL4A3BP	1.453406448	-1.182586024	-1.718778152
215067_x_at	PRDX2	2.402345483	-1.184195978	-2.844847858
219907_at	FRS3	2.194057237	-1.185177901	-2.60034815
214682_at	LOC399491	1.473383789	-1.185983725	-1.747409195
222057_at	NOL12	1.337112378	-1.187019642	-1.587178656
205980_s_at	PRR5	1.417456161	-1.189925076	-1.68666663
205441_at	OCEL1	1.937467289	-1.190341707	-2.30624812
201598_s_at	INPPL1	2.595136884	-1.19157117	-3.092290293
203795_s_at	BCL7A	1.601365436	-1.191956497	-1.908757936
217734_s_at	WDR6	1.619295904	-1.192721779	-1.931369491
219966_x_at	BANP	3.295715922	-1.192893236	-3.93143723
203421_at	TP53I11	1.346100534	-1.194848772	-1.60838657
219354_at	KLHL26	1.689888629	-1.196834388	-2.022516823
218821_at	NPEPL1	1.447497808	-1.196871672	-1.732469121
202356_s_at	GTF2F1	2.761565699	-1.197874509	-3.308009156
202109_at	ARFIP2	1.462207326	-1.198609104	-1.752615012
214198_s_at	DGCR2	1.572635235	-1.199263231	-1.886003613
209262_s_at	NR2F6	1.550749294	-1.199758919	-1.860525297
215281_x_at	POGZ	1.898405128	-1.203443591	-2.284623484
214030_at	CRYBG3	1.518115963	-1.205533883	-1.830140232
212177_at	SFRS18	1.316474002	-1.205561957	-1.587090974
212001_at	SFRS14	1.434517004	-1.208414192	-1.733490707
216117_at	EXOSC2	1.743912881	-1.209377039	-2.109048198
207730_x_at	None	2.153453769	-1.209746019	-2.605132125
207435_s_at	SRRM2	1.511049329	-1.210110098	-1.828536051
200714_x_at	OS9	1.93320442	-1.21099311	-2.341097232
214902_x_at	None	2.750175532	-1.21205972	-3.333376985
201224_s_at	SRRM1	2.376226378	-1.212936704	-2.882212191
221649_s_at	PPAN	1.612345114	-1.213934578	-1.957281485
222190_s_at	C16orf58	1.69559413	-1.215366883	-2.060768952
218530_at	FHOD1	2.102120414	-1.216277968	-2.556762747
39729_at	PRDX2	2.583346819	-1.217193284	-3.144432399
41657_at	STK11	2.080088188	-1.218987819	-2.535602164
212359_s_at	KIAA0913	2.534777823	-1.219186508	-3.090366923
218030_at	GIT1	3.177940805	-1.220974264	-3.880183936
218083_at	PTGES2	1.483781835	-1.223265038	-1.815058442
211464_x_at	CASP6	1.454702206	-1.224678433	-1.781542418
202573_at	CSNK1G2	2.762614393	-1.224767981	-3.383561652

44669_at	LOC644096	1.656956618	-1.224860385	-2.029540522
204740_at	CNKSR1	2.049819185	-1.225398219	-2.511844779
209241_x_at	MINK1	2.181112255	-1.225591964	-2.673153653
212052_s_at	TBC1D9B	2.054280755	-1.225757181	-2.518049388
204442_x_at	LTBP4	1.314052889	-1.228360651	-1.614130862
206687_s_at	PTPN6	3.293768405	-1.230342941	-4.052464705
215604_x_at	None	2.496723009	-1.231396458	-3.074455871
219843_at	IPP	1.594814277	-1.231440151	-1.963918334
211289_x_at	CDC2L2	1.745153052	-1.233479535	-2.152610574
210981_s_at	GRK6	1.624494145	-1.237759696	-2.010733379
211780_x_at	DCTN1	1.584535573	-1.238604348	-1.96261265
208137_x_at	ZNF611	2.539921729	-1.239202758	-3.147478011
212080_at	MLL	2.399373994	-1.239273475	-2.973480547
35436_at	GOLGA2	1.372948941	-1.239393327	-1.701623756
215566_x_at	LYPLA2	1.882444205	-1.240404636	-2.334992518
212726_at	PHF2	1.55502855	-1.240414912	-1.928880602
35666_at	SEMA3F	1.378370277	-1.241798043	-1.711657513
208774_at	CSNK1D	3.641615005	-1.242886708	-4.526114885
214645_at	None	1.450182998	-1.245366049	-1.80600867
212955_s_at	POLR2I	2.247337496	-1.245633046	-2.799357851
220661_s_at	ZNF692	1.835625953	-1.245920573	-2.287044138
214001_x_at	RPS10	1.93594095	-1.249150123	-2.418280876
214723_x_at	ANKRD36	1.591946617	-1.251119585	-1.99171559
214123_s_at	C4orf10	1.500096235	-1.251575503	-1.8774837
219755_at	CBX8	1.569304027	-1.251826564	-1.964496468
202178_at	PRKCZ	1.523801512	-1.252032645	-1.907849238
201321_s_at	SMARCC2	1.581130961	-1.252079273	-1.979701305
40850_at	FKBP8	1.884172023	-1.252827949	-2.36054337
208297_s_at	EVI5	2.012189555	-1.253593105	-2.522466951
202871_at	TRAF4	1.911406741	-1.254630095	-2.398108422
202135_s_at	ACTR1B	1.852328113	-1.255919091	-2.326374241
203288_at	KIAA0355	1.636745726	-1.256134768	-2.055973213
213642_at	None	1.608622419	-1.256597032	-2.021390157
220587_s_at	GBL	1.79543275	-1.257362075	-2.257509048
214674_at	USP19	1.368475596	-1.258287219	-1.721935352
212625_at	STX10	3.255567361	-1.258790125	-4.098076044
203175_at	RHOG	1.453745288	-1.259337569	-1.830756057
201640_x_at	CLPTM1	1.350042842	-1.260684613	-1.701978237
64474_g_at	TRMT2A	1.587682782	-1.262065351	-2.003759428
204512_at	HIVEP1	2.960025373	-1.262688104	-3.737588826
203315_at	NCK2	1.541450872	-1.265878271	-1.951289164
203942_s_at	MARK2	2.482695674	-1.268268487	-3.148724687
201320_at	SMARCC2	2.122864803	-1.268920503	-2.693746674
218389_s_at	APH1A	1.606620221	-1.269127995	-2.039006699
203514_at	MAP3K3	1.840342282	-1.269175589	-2.335717499
214740_at	POLR2J2	1.370421379	-1.269571847	-1.739848401
40489_at	ATN1	1.409814994	-1.271293432	-1.792288541
215628_x_at	None	2.844932321	-1.271333362	-3.616857372
216804_s_at	PDLIM5	2.183739022	-1.271640688	-2.776931394
214021_x_at	ITGB5	1.423366806	-1.272934221	-1.811852316
211065_x_at	PFKL	1.334272675	-1.273231939	-1.698838585
219906_at	FLJ10213	1.573496227	-1.274050088	-2.004713007
52078_at	TMEM222	1.458803457	-1.27499358	-1.859965042
218463_s_at	MUS81	2.289075577	-1.27671794	-2.922503854
202549_at	VAPB	1.310099005	-1.277877083	-1.674145495
213368_x_at	PPFIA3	1.663843944	-1.281992895	-2.133036115
36084_at	CUL7	1.407896866	-1.283447555	-1.806961791
205774_at	F12	1.775996554	-1.283824772	-2.280068372
213758_at	COX4I1	1.98000759	-1.284248251	-2.542821285
205025_at	ZBTB48	1.427580391	-1.286190998	-1.836141049
215206_at	None	1.502834579	-1.286282343	-1.933069585

213231_at	DMWD	1.49518681	-1.287032384	-1.924353845
215032_at	RREB1	3.351667755	-1.289008382	-4.32032783
204573_at	CROT	2.042413549	-1.291202359	-2.637169193
217646_at	SURF1	2.268271302	-1.29129328	-2.92900349
218038_at	ATP5SL	1.305419949	-1.29212723	-1.686768663
212784_at	CIC	1.612419599	-1.293900246	-2.086310117
204842_x_at	PRKAR2A	1.907580435	-1.295908773	-2.472050222
212695_at	CRY2	2.056963698	-1.295934279	-2.665689767
207390_s_at	SMTN	2.189637276	-1.297092012	-2.84016102
214656_x_at	MYO1C	1.829974232	-1.297227	-2.373891983
202463_s_at	MBD3	1.896195327	-1.297894304	-2.461061115
211197_s_at	ICOSLG	1.395069984	-1.298090911	-1.810927666
201793_x_at	SMG7	1.909516067	-1.298178328	-2.478892375
203193_at	ESRRA	1.398766598	-1.298790505	-1.816704775
214792_x_at	VAMP2	2.937637696	-1.299143415	-3.816412669
211503_s_at	RAB14	1.96631059	-1.299452687	-2.555127579
210443_x_at	OGFR	1.570427873	-1.301397943	-2.043751603
217931_at	CNPY3	1.950872216	-1.30165428	-2.53936117
219453_at	KLHL36	1.4929559	-1.303330439	-1.945814869
206792_x_at	PDE4C	2.372000326	-1.30487045	-3.095153131
201046_s_at	RAD23A	4.336268245	-1.305001171	-5.65883514
214259_s_at	AKR7A2	1.639386515	-1.306119451	-2.141234615
207643_s_at	TNFRSF1A	1.781302553	-1.308002837	-2.329948794
219429_at	FA2H	1.347970187	-1.308206283	-1.763423067
48659_at	RP5-1077B9.4	2.612144457	-1.309765442	-3.421296539
41386_i_at	JMJD3	1.869649474	-1.310821969	-2.450777605
50376_at	ZNF444	1.873437637	-1.312007152	-2.457963579
32099_at	SAFB2	1.547920221	-1.312262798	-2.03127812
212383_at	ATP6V0A1	1.675807115	-1.312385359	-2.199304723
222282_at	None	1.420314197	-1.312394316	-1.864012278
203719_at	ERCC1	2.108238303	-1.315573908	-2.773543304
205731_s_at	NCOA2	1.408102084	-1.316620481	-1.853936043
212146_at	PLEKHM2	1.453614155	-1.317142058	-1.914616339
208871_at	ATN1	4.941809817	-1.317372171	-6.510202729
214395_x_at	EEF1D	1.378882817	-1.317792446	-1.817081359
202993_at	ILVBL	1.328490164	-1.318318404	-1.751373032
219413_at	ACBD4	1.889873017	-1.318454568	-2.491711713
33760_at	PEX14	1.576265068	-1.319234067	-2.079462576
221495_s_at	TCF25	1.459355373	-1.320507436	-1.927089622
219380_x_at	POLH	2.474901977	-1.320869331	-3.269022119
210717_at	None	1.445990446	-1.321632648	-1.911068183
208246_x_at	None	2.863255541	-1.322279109	-3.786022985
35201_at	HNRNPL	1.676173921	-1.322949286	-2.217493092
60528_at	JMJD7	4.555471491	-1.323031502	-6.027032289
40149_at	SH2B1	1.721307866	-1.324224881	-2.279398704
219392_x_at	PRR11	1.993481885	-1.324766637	-2.640898292
210825_s_at	PEBP1	1.917976558	-1.32660002	-2.544387739
202368_s_at	TRAM2	1.365903344	-1.326628675	-1.812046543
216310_at	TAOK1	2.012329162	-1.327301451	-2.670967417
221832_s_at	LUZP1	2.148442686	-1.328498434	-2.854202744
203252_at	CDK2AP2	2.140394663	-1.329173086	-2.844954979
208710_s_at	AP3D1	2.668651574	-1.329913825	-3.549076621
220036_s_at	LMBR1L	1.652504888	-1.330725678	-2.199030688
220081_x_at	HSD17B7	2.004405326	-1.331573308	-2.66901263
200070_at	C2orf24	1.881574424	-1.337892229	-2.517343799
217612_at	TIMM50	1.439770265	-1.338205394	-1.926708335
202015_x_at	METAP2	2.683310153	-1.339543616	-3.594410985
204927_at	RASSF7	1.526363389	-1.339558305	-2.044652754
215620_at	RREB1	1.318263501	-1.340449602	-1.767065785
209815_at	PTCH1	1.805740716	-1.341353949	-2.42213744
221192_x_at	MFSD11	1.932634628	-1.341549648	-2.592725305

208987_s_at	FBXL11	2.6353182	-1.342400643	-3.537652847
218130_at	C17orf62	1.820417075	-1.34705637	-2.452204417
212991_at	FBXO9	1.323413694	-1.347295148	-1.783028848
218887_at	MRPL2	2.089725866	-1.347935921	-2.816816561
206169_x_at	ZC3H7B	1.960874804	-1.349809969	-2.646808358
215316_at	None	1.413115635	-1.351444651	-1.909747566
217286_s_at	NDRG3	1.922181878	-1.351650437	-2.598117976
211950_at	UBR4	2.643280828	-1.352773632	-3.575760605
202182_at	KAT2A	2.235150886	-1.3551021	-3.02885766
211730_s_at	POLR2L	1.401234688	-1.355280556	-1.899066126
220973_s_at	SHARPIN	1.5127852	-1.356175484	-2.051602201
204805_s_at	H1FX	1.845881527	-1.356288324	-2.503547562
203994_s_at	C21orf2	1.52932621	-1.360344454	-2.080410428
214486_x_at	CFLAR	1.468930754	-1.360620318	-1.99865703
213350_at	RPS11	3.372011718	-1.36341467	-4.597450243
217297_s_at	MYO9B	1.972231807	-1.364343519	-2.690801684
201728_s_at	KIAA0100	1.815101786	-1.364373892	-2.476477487
211316_x_at	CFLAR	1.434638721	-1.365808653	-1.959441978
205964_at	ZNF426	1.540681012	-1.36727429	-2.106533537
208369_s_at	GCDH	1.387744999	-1.367788681	-1.898141902
210172_at	SF1	2.193182238	-1.368072343	-3.000431963
209013_x_at	TRIO	2.789806599	-1.369240863	-3.819917196
212759_s_at	TCF7L2	1.913620764	-1.369782343	-2.621243934
215377_at	CTBP2	1.992558434	-1.370094796	-2.72999394
212930_at	ATP2B1	2.689723896	-1.371349242	-3.688550825
217117_x_at	MUC3A	1.413483123	-1.372521575	-1.940036083
209703_x_at	METTL7A	2.769250965	-1.373287554	-3.802977884
215137_at	RP11-374F3.4	1.77731123	-1.373618892	-2.441348283
214241_at	NDUFB8	1.597179679	-1.375076712	-2.196244582
216187_x_at	None	2.797659118	-1.375679997	-3.848683686
203956_at	MORC2	1.593137399	-1.375744493	-2.191750004
209370_s_at	SH3BP2	1.72584838	-1.377321699	-2.377048424
215359_x_at	ZNF44	1.606108005	-1.377884544	-2.213031396
215191_at	None	1.884227212	-1.378285959	-2.597003909
219053_s_at	VPS37C	2.431773534	-1.380008362	-3.355867811
204824_at	ENDOG	1.654127601	-1.381282105	-2.284816855
212512_s_at	CARM1	1.665968963	-1.383075997	-2.304161685
202072_at	HNRNPL	1.534963713	-1.385379458	-2.126507197
201140_s_at	RAB5C	2.16930321	-1.385430645	-3.005419145
221569_at	AHI1	2.363904036	-1.385484112	-3.275151486
211474_s_at	SERPINB6	1.551731967	-1.388173614	-2.154073371
218301_at	RNPEPL1	1.669825719	-1.388281664	-2.318188429
205069_s_at	ARHGAP26	1.350537214	-1.391035824	-1.878645647
214829_at	AASS	1.588837299	-1.392395551	-2.212289987
217891_at	C16orf58	1.799848854	-1.393684685	-2.508421783
221887_s_at	DFNB31	1.363442952	-1.393950167	-1.900571531
220796_x_at	SLC35E1	2.961754061	-1.394737114	-4.130868311
202339_at	SYMPK	3.035144819	-1.396034353	-4.237166433
202081_at	IER2	2.06841802	-1.398343366	-2.892358616
222006_at	LETM1	1.821438821	-1.398792769	-2.547815453
201480_s_at	SUPT5H	3.561120754	-1.402368171	-4.994002398
215887_at	ZNF277	1.51447551	-1.402602246	-2.124206752
41160_at	MBD3	2.349244379	-1.402742433	-3.295384776
215012_at	ZNF451	1.410555236	-1.402827097	-1.978765107
212778_at	PACS2	1.589579317	-1.404742061	-2.232948926
203388_at	ARRB2	1.466573547	-1.405472375	-2.061228606
213394_at	MAPKBP1	1.994640694	-1.406441132	-2.805344715
204921_at	GAS8	2.628236274	-1.40871646	-3.7024397
215553_x_at	None	2.964228371	-1.411071414	-4.18273792
218920_at	FLJ10404	2.077043964	-1.411488846	-2.931724387
201082_s_at	DCTN1	2.000944573	-1.417200043	-2.835738734

215735_s_at	TSC2	1.526056544	-1.417731353	-2.163538209
218424_s_at	STEAP3	1.786899641	-1.418813767	-2.535277812
221920_s_at	SLC25A37	1.502421461	-1.419238253	-2.132294009
208751_at	NAPA	1.922029426	-1.420163332	-2.729595713
204968_at	C6orf47	1.926211836	-1.42151035	-2.738130061
212208_at	MED13L	1.917089075	-1.422390593	-2.726849465
205353_s_at	PEBP1	1.790975978	-1.422665736	-2.547960159
208874_x_at	PPP2R4	1.629875493	-1.424059944	-2.321040404
218714_at	PRR14	1.335508308	-1.424726962	-1.902734695
215764_x_at	AP2A2	2.239647798	-1.424781875	-3.191009589
202739_s_at	PHKB	2.225709536	-1.42525215	-3.172197301
203227_s_at	TSPAN31	2.829043375	-1.426451626	-4.035493523
219040_at	CORO7	3.70025503	-1.427084608	-5.280576999
219206_x_at	TMBIM4	2.764749299	-1.428173875	-3.948542719
220934_s_at	None	1.888256338	-1.432331796	-2.704609592
201591_s_at	NISCH	2.096340562	-1.43291296	-3.00387356
216751_at	None	1.818772413	-1.433305418	-2.606856353
222339_x_at	None	1.327480095	-1.435052214	-1.905003249
216105_x_at	PPP2R4	1.675751944	-1.435146436	-2.404949431
218665_at	FZD4	1.360485653	-1.435755742	-1.953325089
221755_at	EHBP1L1	1.4166785	-1.43608867	-2.034475942
206845_s_at	RNF40	1.346966641	-1.436501176	-1.934919165
213388_at	PDE4DIP	1.528524101	-1.436623633	-2.195913847
208610_s_at	SRRM2	1.635356369	-1.437145686	-2.350245351
217844_at	CTDSP1	2.36486364	-1.439874489	-3.405106825
203280_at	SAFB2	1.560748237	-1.440311336	-2.247963379
202615_at	GNAQ	1.791411361	-1.444881334	-2.588376837
217586_x_at	None	2.34158559	-1.445416731	-3.384566988
203384_s_at	GOLGA1	2.592192916	-1.445550797	-3.747146536
202802_at	DHPS	1.471099128	-1.455617909	-2.141358237
207839_s_at	C9orf127	1.416744497	-1.457163521	-2.0644284
209364_at	BAD	1.54042107	-1.458211882	-2.246260308
206352_s_at	PEX10	1.343818378	-1.459224913	-1.960933256
216472_at	None	1.547332277	-1.459554955	-2.258416493
222131_x_at	RHOT2	2.305066258	-1.460241742	-3.365953967
218180_s_at	EPS8L2	1.5267374	-1.464715806	-2.236236402
205757_at	ENTPD5	2.016840908	-1.467621807	-2.959959699
212401_s_at	CDC2L2	2.286116295	-1.468220171	-3.356522057
218206_x_at	SCAND1	1.882201185	-1.47081382	-2.768367515
207365_x_at	USP34	2.180591337	-1.470951901	-3.207544973
211031_s_at	CLIP2	1.897951806	-1.472126365	-2.794024893
45828_at	ATP5SL	1.493856738	-1.473724161	-2.201532767
213885_at	TRIM3	1.359029257	-1.474341514	-2.003673253
203297_s_at	JARID2	2.135629723	-1.475236583	-3.150559095
219346_at	LRFN3	1.509613525	-1.476737197	-2.229302445
203239_s_at	CNOT3	3.570583605	-1.477953333	-5.277155939
213913_s_at	TBC1D30	2.359528407	-1.478135701	-3.487703174
215587_x_at	None	2.002973158	-1.478590557	-2.961577197
202321_at	GGPS1	2.583569575	-1.479905074	-3.823437723
65884_at	MAN1B1	1.452334518	-1.483557293	-2.154621467
55065_at	MARK4	2.432015449	-1.483646951	-3.608252305
221888_at	CC2D1A	2.732159385	-1.484585069	-4.05612303
47560_at	LPHN1	1.48186614	-1.48627205	-2.202456226
214707_x_at	ALMS1	3.070157006	-1.486712769	-4.564441623
39817_s_at	C6orf108	1.582401447	-1.487406842	-2.353674739
213840_s_at	MRPS12	1.602680448	-1.489606164	-2.387362674
203005_at	LTBR	3.115464322	-1.492495071	-4.649815143
216338_s_at	YIPF3	1.530253868	-1.494240878	-2.286567884
204067_at	SUOX	3.027535576	-1.495343422	-4.527205408
202621_at	IRF3	2.104436218	-1.495904961	-3.148036578
222238_s_at	POLM	2.429285613	-1.500088596	-3.644143645

214782_at	CTTN	1.664672447	-1.500990948	-2.498658274
205823_at	RGS12	1.384976096	-1.501607481	-2.079690467
218679_s_at	VPS28	1.322223623	-1.503646546	-1.988156984
201331_s_at	STAT6	1.686291982	-1.507145461	-2.541487306
215147_at	None	3.763077251	-1.508504014	-5.676617138
204828_at	RAD9A	2.712547336	-1.508623735	-4.092213294
218262_at	RMND5B	1.3397247	-1.508818911	-2.021401964
210647_x_at	PLA2G6	1.543475106	-1.509488953	-2.329858623
200827_at	PLOD1	1.807018447	-1.510765834	-2.72998173
218762_at	ZNF574	2.188539208	-1.511876129	-3.308800187
203488_at	LPHN1	1.79906729	-1.514588054	-2.724845826
222372_at	None	1.834639014	-1.514902508	-2.779299244
218004_at	BSDC1	2.26121302	-1.516387082	-3.428874213
210977_s_at	HSF4	2.083390894	-1.518728251	-3.164104608
203655_at	XRCC1	1.776911513	-1.519302332	-2.699665805
202492_at	ATG9A	2.918582723	-1.520385404	-4.437370571
219541_at	LIME1	1.951027458	-1.52091373	-2.967344448
213190_at	COG7	2.741847737	-1.521616338	-4.172040312
210622_x_at	CDK10	1.597016719	-1.524362977	-2.43443316
43977_at	TMEM161A	1.471384218	-1.528100232	-2.248422565
210958_s_at	MAST4	2.069342145	-1.529980137	-3.166052378
202913_at	ARHGEF11	2.636492557	-1.531024978	-4.036535958
221496_s_at	TOB2	1.947387302	-1.532608204	-2.984581754
202093_s_at	PAF1	1.836502832	-1.534433597	-2.817991646
221855_at	LOC644096	1.887448439	-1.539805395	-2.906303288
221250_s_at	MXD3	1.614781822	-1.542317271	-2.490505892
218900_at	CNNM4	1.406461751	-1.544524625	-2.172314809
202959_at	MUT	2.076682009	-1.545927632	-3.2104001
210719_s_at	HMG20B	2.537209784	-1.546934359	-3.924896992
214715_x_at	ZNF160	3.083069146	-1.54760254	-4.771365642
213944_x_at	GNA11	1.609528405	-1.548213336	-2.491893341
215754_at	SCARB2	1.827687132	-1.549624475	-2.832228712
215605_at	NCOA2	1.351722329	-1.551365288	-2.0970151
218874_s_at	C6orf134	1.841940453	-1.553608204	-2.8616538
203668_at	MAN2C1	1.725139795	-1.554641472	-2.68197387
34406_at	PACS2	1.786815962	-1.557578741	-2.783106557
201556_s_at	VAMP2	1.929080553	-1.559498715	-3.008398643
90610_at	LRCH4	2.791040935	-1.562211935	-4.360197461
212332_at	RBL2	1.791654961	-1.562605055	-2.799649099
211374_x_at	None	2.232624944	-1.563037805	-3.489677191
210069_at	CPT1B	1.480814645	-1.565148675	-2.31769508
221860_at	HNRNPL	2.073741906	-1.565336706	-3.246104324
212155_at	RNF187	1.599413161	-1.570282104	-2.511529864
217914_at	TPCN1	1.547478243	-1.571239544	-2.431459009
203117_s_at	PAN2	1.48085074	-1.573458435	-2.330057088
65770_at	RHOT2	1.529513613	-1.574885602	-2.408808967
213681_at	CYHR1	2.523908437	-1.576098787	-3.977929025
221754_s_at	CORO1B	1.847280532	-1.580955087	-2.920467555
212207_at	MED13L	2.896167426	-1.581195873	-4.579407981
221800_s_at	C17orf70	2.132152521	-1.586745192	-3.38318276
47083_at	C7orf26	2.048004027	-1.58813589	-3.252508698
212090_at	GRINA	1.603021121	-1.588404337	-2.546245701
214779_s_at	SGSM3	3.35267845	-1.588947694	-5.327230693
203837_at	MAP3K5	1.719865693	-1.591168769	-2.736596578
202667_s_at	SLC39A7	2.253552549	-1.592769517	-3.589389806
33814_at	PAK4	1.799884909	-1.594309729	-2.869574023
213778_x_at	ZNF276	2.244270535	-1.595641038	-3.581050165
205406_s_at	SPA17	1.940940015	-1.597062846	-3.099803185
214679_x_at	GNA11	1.543037715	-1.598688412	-2.466836514
210384_at	PRMT2	2.417527177	-1.601317572	-3.871228749
207556_s_at	DGKZ	1.348115106	-1.601956515	-2.159621777

220605_s_at	SIRT2	1.789729509	-1.602004232	-2.867154247
219818_s_at	GPATCH1	2.211039263	-1.603954884	-3.546407226
202648_at	RPS19	1.712183054	-1.606463517	-2.750559611
218642_s_at	CHCHD7	1.354511456	-1.606854854	-2.176503308
203452_at	B3GAT3	1.457260967	-1.607786252	-2.342964149
217679_x_at	None	3.07507401	-1.608544538	-4.946393503
32402_s_at	SYMPK	4.996598388	-1.609849611	-8.04377197
221939_at	CARM1	2.924939809	-1.610742296	-4.711324263
221176_x_at	WBSCR23	3.456460128	-1.612775103	-5.574492839
213076_at	ITPKC	2.128609667	-1.616678745	-3.441278004
219730_at	MED18	1.875978567	-1.616766364	-3.033019047
214879_x_at	USF2	2.681696112	-1.616776742	-4.335703904
206385_s_at	ANK3	1.387578305	-1.617162472	-2.243939561
203014_x_at	SGSM3	2.026310655	-1.617552135	-3.277663127
202785_at	NDUFA7	1.519545403	-1.617631241	-2.458064116
209166_s_at	MAN2B1	1.566306144	-1.617635697	-2.533712732
213072_at	CYHR1	2.22775777	-1.618491149	-3.605606234
201247_at	SREBF2	1.451401088	-1.619779498	-2.350949726
38269_at	PRKD2	3.068219564	-1.624392051	-4.983991471
214326_x_at	JUND	1.518758289	-1.627277813	-2.471441668
35179_at	B3GAT3	1.932804739	-1.628697701	-3.147954636
203965_at	USP20	1.662819451	-1.629097436	-2.708894904
219562_at	RAB26	1.392132518	-1.631493652	-2.271255365
201473_at	JUNB	1.475460638	-1.63186138	-2.407747233
212566_at	MAP4	1.426349229	-1.633192768	-2.329503246
203249_at	EZH1	1.301452365	-1.634061302	-2.126652945
212518_at	PIP5K1C	1.780849207	-1.634960572	-2.911618237
218551_at	RP5-1077B9.4	4.527257708	-1.636612642	-7.409367197
213311_s_at	TCF25	2.393321467	-1.636796892	-3.917381139
204175_at	ZNF593	1.476536653	-1.637666509	-2.418074626
61874_at	C9orf7	3.079239657	-1.638228103	-5.044496942
209468_at	LRP5	2.16513818	-1.643163682	-3.557676425
204985_s_at	TRAPPC6A	1.786778235	-1.644179069	-2.937783375
220546_at	MLL	1.589923989	-1.646442797	-2.617718899
221071_at	None	1.519135536	-1.646885932	-2.501842944
210679_x_at	None	3.058317028	-1.648361044	-5.041210651
222378_at	None	1.777012791	-1.651606185	-2.934925315
201333_s_at	ARHGEF12	1.46227928	-1.654720052	-2.419662847
221599_at	C11orf67	1.622683437	-1.654773106	-2.68517291
218419_s_at	TMUB2	2.073619002	-1.654857546	-3.431544054
203010_at	STAT5A	1.310080833	-1.656049105	-2.16955819
221593_s_at	RPL31	2.432281868	-1.657915319	-4.03251737
48106_at	SLC48A1	1.333711686	-1.66078655	-2.215010429
201282_at	OGDH	1.503905646	-1.661403125	-2.498593541
203379_at	RPS6KA1	1.353985915	-1.664678774	-2.253951612
218131_s_at	GATAD2A	1.58574991	-1.666123973	-2.64205594
209513_s_at	HSDL2	1.774694715	-1.667019634	-2.958450933
40829_at	WDTC1	2.720508179	-1.667339371	-4.536010396
212495_at	JMJD2B	1.308227658	-1.66897395	-2.183397881
204978_at	SFRS16	2.886561224	-1.67492115	-4.834762445
201621_at	NBL1	1.44627046	-1.677913963	-2.426717399
217969_at	C11orf2	1.452979201	-1.680192358	-2.44128455
213045_at	MAST3	2.678898031	-1.681778967	-4.505314364
214246_x_at	MINK1	2.356884722	-1.682239561	-3.96484472
201353_s_at	BAZ2A	2.117118455	-1.68765662	-3.572968976
222332_at	None	1.305872835	-1.692275518	-2.209896628
209675_s_at	HNRNPUL1	2.10725452	-1.697887398	-3.577880894
213766_x_at	GNA11	2.026100128	-1.69791629	-3.440148412
216067_at	None	2.486837437	-1.699649171	-4.226751187
213204_at	CUL9	2.605781472	-1.700377384	-4.430811884
217903_at	STRN4	2.227871431	-1.700860587	-3.78929871

209367_at	STXBP2	1.463551501	-1.702880749	-2.492253676
212032_s_at	PTOV1	1.613586781	-1.707630081	-2.755409326
209002_s_at	CALCOCO1	2.894256606	-1.709420733	-4.947502249
206580_s_at	EFEMP2	2.819999251	-1.712859553	-4.830262657
205727_at	TEP1	1.449885589	-1.713443454	-2.484296972
204398_s_at	EML2	2.202556733	-1.715589337	-3.778682846
212303_x_at	KHSRP	1.382218028	-1.716534413	-2.372624812
212772_s_at	ABCA2	2.334900238	-1.718604485	-4.012770022
213705_at	None	1.995659862	-1.719413682	-3.431364871
219742_at	PRR7	2.080335259	-1.71998455	-3.578144504
217164_at	None	1.757492686	-1.721420608	-3.025384127
206335_at	GALNS	1.983984605	-1.723773062	-3.419939218
213147_at	HOXA10	3.379927161	-1.730275836	-5.848206294
213244_at	SCAMP4	2.615231786	-1.73344941	-4.533371996
221789_x_at	RHOT2	1.577813449	-1.733839917	-2.735675941
214149_s_at	ATP6V0E1	2.605176657	-1.740888325	-4.535321628
221831_at	LUZP1	2.325935678	-1.742677634	-4.053356083
209820_s_at	TBL3	1.554465127	-1.746695742	-2.715177619
221588_x_at	ALDH6A1	2.169693336	-1.747579401	-3.791711381
218650_at	DGCR8	2.398992778	-1.749926966	-4.198062152
219807_x_at	RAB4B	1.956887266	-1.749948373	-3.424451687
212553_at	RPRD2	3.102904376	-1.750110838	-5.430426579
200623_s_at	CALM3	1.826847477	-1.751774916	-3.200225586
205130_at	RAGE	1.366442438	-1.752060879	-2.39409034
209282_at	PRKD2	3.652934574	-1.757397049	-6.41965644
204248_at	GNA11	1.470590713	-1.759082773	-2.58689079
215148_s_at	APBA3	2.154357706	-1.760972733	-3.793765177
218476_at	POMT1	1.824915132	-1.762744833	-3.21685972
218555_at	ANAPC2	1.51621462	-1.768695443	-2.681721889
215555_at	None	1.43000785	-1.776781023	-2.540810811
209587_at	PITX1	2.01193101	-1.778591016	-3.578402419
221044_s_at	TRIM34	1.894374593	-1.778947843	-3.369993596
219154_at	RHOF	1.329141408	-1.780014228	-2.365890616
214041_x_at	RPL37A	2.942767433	-1.783879839	-5.249543494
202801_at	PRKACA	2.548967397	-1.789107565	-4.560376853
204650_s_at	APBB3	2.406480243	-1.789282111	-4.305872049
219233_s_at	GSDMB	1.326678938	-1.792696642	-2.378332877
64486_at	CORO1B	1.362294664	-1.794125054	-2.444126988
213502_x_at	LOC91316	1.385426048	-1.795327991	-2.487294164
219223_at	C9orf7	1.769167725	-1.795983845	-3.177396654
201314_at	STK25	3.52863928	-1.796257491	-6.338344741
205182_s_at	ZNF324	1.894748547	-1.796673483	-3.404244471
40016_g_at	MAST4	2.486977449	-1.796855272	-4.46873854
218780_at	HOOK2	2.38561357	-1.798324679	-4.290107759
221010_s_at	SIRT5	1.778172562	-1.798690889	-3.198382787
219854_at	ZNF14	1.50482631	-1.798787861	-2.706863299
205614_x_at	MST1	1.456304185	-1.798937566	-2.619800307
204193_at	CHKB	1.484624666	-1.801234537	-2.674157224
219919_s_at	SSH3	1.553693581	-1.804980809	-2.804387097
37005_at	NBL1	1.544365825	-1.805770806	-2.788770721
218466_at	TBC1D17	2.040625583	-1.812632588	-3.698904431
91617_at	TRMT2A	2.131795437	-1.813293508	-3.865570828
215390_at	None	2.160553244	-1.81346346	-3.918084361
204611_s_at	PPP2R5B	1.549049038	-1.816828052	-2.814355745
213616_at	C18orf10	2.134004231	-1.817052934	-3.877598649
213485_s_at	ABCC10	3.095723846	-1.825708568	-5.65188955
213771_at	IRF2BP1	1.604736471	-1.830646984	-2.93770598
201673_s_at	GYS1	1.463391239	-1.831145353	-2.679682068
219095_at	JMJD7- PLA2G4B	5.896601331	-1.832569907	-10.80593415
216109_at	MED13L	1.887874731	-1.833882707	-3.462140821

203777_s_at	RPS6KB2	2.269075121	-1.836017303	-4.166061183
219062_s_at	ZCCHC2	3.378532814	-1.83839128	-6.211065264
218771_at	PANK4	2.170614379	-1.840495598	-3.99500621
203149_at	PVRL2	1.462292209	-1.841687014	-2.693084571
212064_x_at	MAZ	3.01680862	-1.845199743	-5.566614489
201531_at	ZFP36	1.847129985	-1.846971796	-3.411596987
203230_at	DVL1	1.934794561	-1.847817937	-3.575148094
205372_at	PLAG1	1.538177856	-1.851064241	-2.847266025
220015_at	CASZ1	1.328123757	-1.853666202	-2.461898121
218857_s_at	ASRGL1	1.558753979	-1.856866027	-2.894397308
203926_x_at	ATP5D	1.411940375	-1.858634289	-2.624280796
218492_s_at	THAP7	1.361570715	-1.859572914	-2.531940021
215376_at	None	1.511033367	-1.86481488	-2.817797507
221560_at	MARK4	2.25603853	-1.865806408	-4.209331147
204522_at	DOM3Z	1.43548043	-1.87145628	-2.686438866
221587_s_at	C19orf24	1.398929632	-1.87533903	-2.62346734
222234_s_at	DBNDD1	1.877414029	-1.875759647	-3.521577476
209936_at	RBM5	1.574767938	-1.875811527	-2.95396785
203568_s_at	TRIM38	1.858355672	-1.876050086	-3.486368319
203752_s_at	JUND	2.239439065	-1.876340232	-4.201949615
46142_at	LMF1	1.478765067	-1.876967775	-2.775594378
215873_x_at	ABCC10	2.377482817	-1.879122565	-4.46758161
221765_at	UGCG	2.369805873	-1.880058677	-4.455374095
220312_at	FAM83E	2.025311539	-1.880674136	-3.808951028
204804_at	TRIM21	1.642510671	-1.882375277	-3.091821479
218910_at	ANO10	1.693031374	-1.883296287	-3.188479701
221589_s_at	ALDH6A1	1.865071664	-1.883716707	-3.513266653
201050_at	PLD3	1.707611641	-1.884002236	-3.217144152
210771_at	PPARA	1.62407904	-1.884268514	-3.060200999
564_at	GNA11	1.464635065	-1.88542797	-2.761463919
218274_s_at	ANKZF1	1.600190238	-1.886040841	-3.018024141
203469_s_at	CDK10	3.062190507	-1.89219653	-5.79426625
203652_at	MAP3K11	1.920249977	-1.894415069	-3.637750494
217991_x_at	SSBP3	1.891299346	-1.900100457	-3.593658751
212448_at	NEDD4L	1.459498901	-1.911205699	-2.789402618
202331_at	BCKDHA	1.851316462	-1.911251362	-3.53833111
201206_s_at	RRBP1	1.777827407	-1.912679622	-3.400414253
213178_s_at	MAPK8IP3	2.807020873	-1.913523655	-5.371300839
204379_s_at	FGFR3	1.346769082	-1.917085911	-2.581872032
213326_at	VAMP1	1.490365103	-1.92337322	-2.866528328
1487_at	ESRRA	1.563123088	-1.926953521	-3.012065538
38157_at	DOM3Z	1.389619288	-1.941262893	-2.697616358
200884_at	CKB	1.961783098	-1.941287723	-3.808385444
203419_at	MLL4	3.268278097	-1.942351595	-6.348145175
213041_s_at	ATP5D	1.396833494	-1.94527489	-2.717225122
203412_at	LZTR1	2.000400539	-1.94555865	-3.891896571
202552_s_at	CRIM1	1.517512813	-1.950332543	-2.959654624
35148_at	TJP3	1.350014694	-1.954637249	-2.638789007
221734_at	PRRC1	1.780184182	-1.955613317	-3.481351893
209453_at	SLC9A1	1.992400207	-1.957937271	-3.900994624
222319_at	None	2.886204241	-1.965627024	-5.673201053
215544_s_at	UBOX5	1.440329009	-1.967289068	-2.833543515
218764_at	PRKCH	1.701202991	-1.980533899	-3.369290192
218309_at	CAMK2N1	2.118028254	-1.983375668	-4.200845704
57082_at	LDLRAP1	1.714309801	-1.986566939	-3.405591175
202455_at	HDAC5	2.692794147	-1.990138402	-5.359033041
204717_s_at	SLC29A2	1.668804901	-1.991785255	-3.323900994
209850_s_at	CDC42EP2	2.247969861	-2.001881517	-4.500169316
40562_at	GNA11	2.079385851	-2.008414859	-4.17626944
219707_at	CPNE7	2.305259847	-2.008527107	-4.630176891
91952_at	LOC90379	2.034903447	-2.012311926	-4.094860474

220956_s_at	EGLN2	1.992608393	-2.013235587	-4.011590128
218022_at	VRK3	3.397463701	-2.013757784	-6.841668974
213296_at	RER1	1.987671662	-2.014011213	-4.003193015
212492_s_at	JMJD2B	2.119155307	-2.014496664	-4.269031295
221849_s_at	LOC90379	3.66192102	-2.018209123	-7.390522408
206956_at	PMF1	2.821626243	-2.023076611	-5.708366058
217548_at	LOC100129502	1.317327938	-2.023091721	-2.665075245
205310_at	FBXO46	1.978317605	-2.024921931	-4.005938705
37462_i_at	SF3A2	1.649568688	-2.029496163	-3.347793322
65635_at	None	1.373263426	-2.032644986	-2.791357018
218547_at	DHDDS	2.403288809	-2.034323324	-4.889066479
203154_s_at	PAK4	2.118122025	-2.04071623	-4.322485994
207498_s_at	CYP2D6	1.494791709	-2.041704985	-3.051923683
222025_s_at	OPLAH	1.452218223	-2.043154595	-2.967106335
207722_s_at	BTBD2	2.288634231	-2.068008453	-4.732914937
32259_at	EZH1	2.650196948	-2.06875483	-5.482607735
216101_at	LOC440248	2.626252627	-2.075165344	-5.449908436
56256_at	SIDT2	2.606973648	-2.08466365	-5.4346632
218548_x_at	TEX264	1.858621314	-2.087787047	-3.880405504
222052_at	C19orf54	2.280338389	-2.093316993	-4.773471099
221961_at	CLCN7	1.364874905	-2.096410255	-2.861337747
205760_s_at	OGG1	1.357675019	-2.097243025	-2.847374463
58994_at	CC2D1A	2.961773606	-2.098107822	-6.214120371
208165_s_at	PRSS16	2.01287509	-2.103883796	-4.234855285
221656_s_at	ARHGEF10L	1.886046868	-2.108788622	-3.977274174
202253_s_at	DNM2	1.957491474	-2.113043606	-4.136264843
210720_s_at	NECAB3	2.038121153	-2.117442507	-4.315604363
212771_at	FAM171A1	1.56089198	-2.118890474	-3.307359147
213792_s_at	INSR	2.684805561	-2.131889468	-5.7237087
218944_at	PYCRL	2.445592126	-2.132028402	-5.214071872
214250_at	NUMA1	3.139460553	-2.132424627	-6.694662997
202700_s_at	TMEM63A	1.532321829	-2.146179964	-3.288638407
218068_s_at	ZNF672	2.492519907	-2.146374573	-5.349881353
202152_x_at	USF2	4.328393574	-2.147087657	-9.293440416
212719_at	PHLPP	2.033021723	-2.157232519	-4.385700573
55616_at	PERLD1	1.659640792	-2.165741464	-3.594352878
78047_s_at	MT1P3	1.920205998	-2.167613894	-4.1622652
221640_s_at	LRDD	2.892444453	-2.175461647	-6.292401975
215066_at	PTPRF	1.543368948	-2.175492304	-3.357587269
201204_s_at	RRBP1	1.82704092	-2.179575511	-3.982173646
218913_s_at	GMIP	1.363434298	-2.183458156	-2.977001737
210409_at	C6orf124	1.421268292	-2.186348225	-3.107387408
213038_at	RNF19B	1.542575931	-2.191729985	-3.380909922
208009_s_at	ARHGEF16	1.836677894	-2.191909033	-4.025830867
213526_s_at	LIN37	3.593649077	-2.212542611	-7.951101712
215591_at	SATB2	1.701220379	-2.213938983	-3.766398116
202440_s_at	ST5	1.345085406	-2.220440956	-2.986682724
210874_s_at	NAT6	1.357114131	-2.22171267	-3.015117658
219341_at	CLN8	1.495157025	-2.22282877	-3.323478052
204908_s_at	BCL3	1.498246532	-2.224558786	-3.332937485
52940_at	SIGIRR	1.873462135	-2.229992581	-4.177806662
204418_x_at	GSTM2	1.804309984	-2.230898281	-4.025232041
220748_s_at	ZNF580	1.684651431	-2.23631175	-3.76740579
203815_at	GSTT1	1.493737089	-2.245821328	-3.354666612
203718_at	PNPLA6	1.822324942	-2.250683321	-4.101476354
209381_x_at	SF3A2	2.180343157	-2.267029615	-4.942902508
212873_at	HMHA1	2.410168569	-2.26709846	-5.464089451
202551_s_at	CRIM1	1.764419032	-2.288282725	-4.037489591
220638_s_at	CBLC	1.721941354	-2.290018924	-3.943278287
40569_at	MZF1	1.983436411	-2.295503433	-4.552985089
204506_at	PPP3R1	2.497444922	-2.300568803	-5.745543873

218921_at	SIGIRR	1.763854318	-2.301444911	-4.059413544
213435_at	SATB2	1.434834722	-2.311028117	-3.315943385
203140_at	BCL6	2.146265706	-2.31718774	-4.97330058
215314_at	ANK3	3.15531488	-2.32480591	-7.335494679
213412_at	TJP3	1.794375785	-2.326116762	-4.173927592
635_s_at	PPP2R5B	1.592616057	-2.327268228	-3.70644475
213143_at	C2orf72	1.893254749	-2.331711107	-4.414523057
210336_x_at	MZF1	1.746761333	-2.338050338	-4.084015924
205289_at	BMP2	2.242102576	-2.339404831	-5.245185597
221256_s_at	HDHD3	1.404196865	-2.343415423	-3.29061659
221191_at	STAG3L1	2.064698715	-2.358957038	-4.870535566
219513_s_at	SH2D3A	1.301540055	-2.370360177	-3.085118714
218208_at	PQLC1	1.954837135	-2.372838793	-4.638513389
215737_x_at	USF2	3.40204127	-2.376785762	-8.08592325
219864_s_at	RCAN3	1.353500609	-2.37780441	-3.218359717
203110_at	PTK2B	2.325736975	-2.390046876	-5.558620393
203468_at	CDK10	2.593828517	-2.395523449	-6.213577036
212346_s_at	MXD4	3.908469171	-2.39773697	-9.371481027
36564_at	RNF19B	1.424324951	-2.399672509	-3.417913428
219802_at	PYROXD1	1.535393557	-2.429941422	-3.730916403
213820_s_at	STARD5	1.357206768	-2.444302219	-3.317423515
206374_at	DUSP8	1.568237928	-2.452565549	-3.846206314
219373_at	DPM3	2.949390434	-2.455718628	-7.242873031
204139_x_at	MZF1	1.786370291	-2.463040064	-4.399901597
202022_at	ALDOC	1.415487323	-2.479993294	-3.51039907
207761_s_at	METTL7A	1.754809173	-2.492950018	-4.37465156
43544_at	MED16	1.526430994	-2.493275861	-3.805813552
218086_at	NPDC1	1.54271921	-2.496470643	-3.851353218
202821_s_at	LPP	2.993567954	-2.551946238	-7.639424477
213384_x_at	PLCB3	2.704644578	-2.555041216	-6.910478371
218546_at	C1orf115	1.537648287	-2.562912342	-3.940857772
206453_s_at	NDRG2	1.50377893	-2.564843825	-3.856958104
216756_at	None	2.302033948	-2.568166572	-5.912006633
209889_at	SEC31B	1.39528962	-2.625485784	-3.663313061
209782_s_at	DBP	2.754461758	-2.634516354	-7.256674548
203365_s_at	MMP15	1.97614824	-2.63762731	-5.212342565
208094_s_at	CCDC130	3.403826159	-2.657333313	-9.045100643
213651_at	INPP5J	1.336094241	-2.665826322	-3.561795197
207291_at	PRRG4	1.414964049	-2.667600532	-3.77455885
215606_s_at	ERC1	3.965738868	-2.670345904	-10.58989454
202972_s_at	None	1.56527109	-2.683109656	-4.199793975
222364_at	SLC44A1	1.44058192	-2.696306777	-3.884250794
218901_at	PLSCR4	2.814177119	-2.696343603	-7.587988474
206043_s_at	ATP2C2	1.696449955	-2.700315584	-4.580950252
213931_at	ID2	1.336439137	-2.707074381	-3.61784015
204241_at	ACOX3	2.648369082	-2.712910216	-7.184787539
217047_s_at	None	1.347839143	-2.722204968	-3.669094412
204301_at	KBTBD11	1.851086467	-2.722358526	-5.039321026
214965_at	SPATA2L	2.249900446	-2.732352081	-6.147520168
215659_at	GSDMB	2.860997046	-2.737757857	-7.832717141
218552_at	ECHDC2	1.718321014	-2.756029892	-4.735744079
207394_at	ZNF137	2.061292159	-2.768679088	-5.707056494
205166_at	CAPN5	1.475709723	-2.809963536	-4.146690512
220609_at	LOC202181	1.400330211	-2.818470551	-3.946789462
49679_s_at	MMP24	2.381557522	-2.852546783	-6.793504247
218789_s_at	C11orf71	1.521622833	-2.857469782	-4.347991264
222109_at	GNL3L	2.908716621	-2.883322556	-8.386768242
209588_at	EPHB2	1.724482716	-3.012776237	-5.195480546
213686_at	None	1.59221253	-3.044419158	-4.84736233
200649_at	NUCB1	1.529376223	-3.049640824	-4.664048164
214797_s_at	PCTK3	2.070512079	-3.076077317	-6.369055242

221953_s_at	MT1P3	2.290601047	-3.114347528	-7.133727709
203722_at	ALDH4A1	1.692046662	-3.181697726	-5.383581015
202973_x_at	None	1.601036994	-3.301633772	-5.286037808
206539_s_at	CYP4F12	1.310354945	-3.30570521	-4.331647167
204916_at	RAMP1	1.970671227	-3.353876344	-6.609387609
220326_s_at	FLJ10357	2.665093064	-3.402337814	-9.067546912
58780_s_at	FLJ10357	2.361286421	-3.48697091	-8.233737062
204231_s_at	FAAH	2.813440938	-3.501857127	-9.852268198
205059_s_at	IDUA	2.708882688	-3.57711066	-9.689973139
216699_s_at	KLK1	1.799056981	-3.642521745	-6.553104174
202158_s_at	CUGBP2	2.35792462	-3.644372431	-8.593155481
202156_s_at	CUGBP2	3.889750038	-3.653791668	-14.21233628
203474_at	IQGAP2	2.788321364	-3.76088463	-10.48655496
204897_at	PTGER4	1.534532785	-3.858789664	-5.921439249
209354_at	TNFRSF14	3.020767152	-3.919820183	-11.84086405
202620_s_at	PLOD2	1.523131358	-4.042656919	-6.157497523
202242_at	TSPAN7	1.530337805	-4.097474087	-6.270519501
214719_at	SLC46A3	1.451139677	-4.186483694	-6.075172595
203911_at	RAP1GAP	2.292748105	-4.205652432	-9.642501642
211434_s_at	CCRL2	1.324889224	-4.270815501	-5.658357435
204600_at	EPHB3	1.784309897	-4.278768757	-7.634649441
204057_at	IRF8	1.840219164	-4.387579036	-8.074107027
202619_s_at	PLOD2	2.897827555	-4.456204937	-12.91331346
205259_at	NR3C2	1.366758546	-4.463925271	-6.101108013
215028_at	SEMA6A	1.363070202	-4.486472649	-6.115377178
205290_s_at	BMP2	4.600624389	-4.709299373	-21.66571755
207202_s_at	NR1I2	1.326178557	-5.16482967	-6.849486357
202157_s_at	CUGBP2	3.826380835	-5.461321549	-20.89709611
207655_s_at	BLNK	1.483299767	-5.521282843	-8.189717553
218625_at	NRN1	1.792160656	-5.676573284	-10.1733313
212768_s_at	OLFM4	1.535156652	-8.313186512	-12.76204357

Table S2. IC50 values for 5Z-7-oxozeaenol (in μM) for CRC cell lines used in this study, with corresponding genotypes for *KRAS*, *BRAF*, *APC* and *CTNNB1*. * denotes *KRAS*-dependent cell lines. WT = wild-type; nd = not determined.

Cell Line	IC50	<i>KRAS</i>	<i>BRAF</i>	<i>APC</i>	<i>CTNNB1</i>
SKCO1	0.026	G12V*	WT	del	WT
SW620	0.093	G12V*	WT	del	WT
LoVo	0.106	G13D*	WT	del	WT
SW1116	0.122	G12A*	WT	del	WT
MDST8	0.226	WT	V600K	nd	WT
RCM-1	0.277	G12V*	WT	del	WT
CCK-81	0.412	WT	WT	nd	nd
CL-40	0.482	G12D*	WT	nd	nd
CL-34	0.489	WT	V600E	nd	nd
COLO-206F	0.509	WT	V600E	nd	nd
COLO-678	0.774	G12D*	WT	del	WT
CoCM-1	0.926	WT	WT	WT	WT
RKO	1.103	WT	V600E	del	WT
COLO-205	1.304	WT	V600E	del	WT
C170	1.068	G13D*	WT	nd	WT
CL-11	1.155	V14I*	WT	nd	WT
SW1417	1.235	WT	V600E	del	WT
HT115	1.329	WT	WT	WT	WT
Caco-2	1.439	WT	V600E	nd	WT
HT55	1.540	WT	WT	del	WT
Gp5D	1.768	G12D*	WT	del	WT
COLO-741	1.818	WT	V600E	nd	nd
SW48	1.941	WT	WT	WT	S33Y
SW948	2.321	Q61L	WT	del	WT
HCC56	2.336	G12V	WT	nd	nd
HCT-116	2.375	G13D	WT	WT	S45del
SW1463	2.415	G12C	WT	del	WT
WiDR	2.477	WT	V600E	del	WT
T84	2.814	G13D	WT	del	WT
Hs 257.T	3.204	G13D	WT	nd	nd
H630	4.475	WT	WT	del	WT
Hs 1.Int	5.639	WT	WT	nd	nd
SW837	5.953	G12C	WT	del	WT
CaR-1	6.077	WT	WT	nd	nd
LS-174T	6.232	G12D	WT	WT	S45A
LS-180	6.745	G12D	WT	WT	S45A
HT29	7.885	WT	V600E	del	WT
HCT-15	8.195	G13D	WT	del	WT
DLD-1	8.233	G13D	WT	del	WT
C2BBe1	9.318	WT	WT	del	WT
HCT-8	47.318	G13D	WT	del	WT
OUMS-23	48.392	WT	WT	nd	nd
HRT-18	59.969	G13D	WT	del	WT