

Supplementary Table 5. miRNA enrichment of PRPF3 co-expressed genes.

geneSet	ES	NES	pValue	FDR	link	size	leadingEdgeNum	leadingEdgeI	userId
GACTGTT,MIR-212,MIR-132	0.5070	1.4324	8.40E-03	4.32E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GACTGTT,MIR-212,MIR-132">http://www.broadinstitute.org/gsea/msigdb/cards/GACTGTT,MIR-212,MIR-132</a>	148	44	9191;3192;672;10951;8682; ;93643;9826; 1852;8148;46 70;58155;301 5;8880;57649 ;5814;6874;9 0957;134353; 4204;8899;11 2476;4800;12 6526;85464;1 0042;5411;66 037;5496;265 20;143684;37 6267;79109;1 0336;6659;57 18;8091;3776 ;196441;3021 ;84146;3670; 2309;5991;51 496	ARHG EF11; BOLL; BRCA 1;C19 orf47; CBX1; CTDS PL2;D EDD; DHX5 7;DU SP9;F AM76 B;FO XO3;F UBP1; H2AF Z;H3F 3B;H MGA2 ;HMG XB4;H NRNP M;HN

AGCGCAG,MIR-191	0.6699	1.3554	1.06E-01	4.56E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/AGCGCAG,MIR-191">http://www.broadinstitute.org/gsea/msigdb/cards/AGCGCAG,MIR-191</a>	12	5	6625;55833;8473;149041;3146	HMG B1;O GT;R C3H1; SNRN P70;U BAP2
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CCAGGTT,MIR-490	0.5352	1.3970	3.79E-02	4.58E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CCAGGTT,MIR-490">http://www.broadinstitute.org/gsea/msigdb/cards/CCAGGTT,MIR-490</a>	60	23	115703;55692;10521;23119;6602;8473;25909;10197;57532;51400;6877;22976;23598;4440;8091;54620;55687;6664;4869;89792;9462;31;5613	ACACA;AHCTF1;ARHGAP33;DDX17;FBX7;L19;GAL3ST3;HIC2;HMGAL7;LUC7L;MSI1;NP1;NPM1;NUPFIP2;OGT;PATZ1;PAXIP1;PME1;PRKX;PSME3;
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GAGCTGG,MIR-337	0.4590	1.2849	4.60E-02	4.67E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/GAGCTGG,MIR-337">http://www.broadinstitute.org/gsea/msigdb/cancer/GAGCTGG,MIR-337</a>	147	23	23126;8703;5 5154;79915;8 1609;28964;1 0919;10963;5 326;11273;70 05;10445;115 426;388228;7 9089;79012;5 7655;22838;1 108;23;14942 8;2870;11478 5	ABCF 1;ATA D5;AT XN2L; B4GA LT3;B NIPL; CAMK V;CH D4;E HMT2 ;GIT1; GRA MD1A ;GRK 6;MB D6;M CRS1 ;MST O1;PL AGL2; POGZ ;RNF4 4;SBK 1;SNX
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ACACTCC,MIR-122A	0.4931	1.2878	1.09E-01	4.70E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/ACACTCC,MIR-122A">http://www.broadinstitute.org/gsea/msigdb/cards/ACACTCC,MIR-122A</a>	65	20	3192;28964;199699;90324;8428;7862;6602;4204;145282;3915;9520;2976;93380;26000;114815;132789;8030;10479;587;2581	BCAT2;BRPF1;CCDC6;CCDC97;DAND5;GALC;GIT1;GNPDA2;GTAF3C2;HNRNPU;LAMC1;MECP2;MIPOL1;MMGT1;NPPEPPS;SLC9A6;SMARCD1;
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GTGGTGA,MIR-197	0.5138	1.3578	4.64E-02	4.73E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTGGTGA,MIR-197">http://www.broadinstitute.org/gsea/msigdb/cards/GTGGTGA,MIR-197</a>	67	21	672;57459;1663;159090;11056;3184;23615;10695;55544;2902;9364;10322;2891;51701;405753;146223;139728;605;1759;79102;30819	BCL7A;BRCA1;CMT4;CNPY3;DDX11;DDX52;DNM1;DUOX2;FAM122B;GATAD2B;GRIA2;GRIN1;HNRNPDK;CNIP2;NLK;PNC1;PKPY2;RA
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GGCAGCT,MIR-22	0.4529	1.2895	2.96E-02	4.78E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GGCAGCT,MIR-22">http://www.broadinstitute.org/gsea/msigdb/cards/GGCAGCT,MIR-22</a>	215	57	607;57645;84 950;11011;57 695;8936;140 459;7716;559 20;64708;532 6;23360;5814 ;29789;90957 ;60682;5977; 7301;9807;80 153;4204;975 9;10655;4800 ;8625;3915;5 935;4582;167 7;1045;4185; 10620;55227; 51571;7266;5 5167;4084;51 195;115019;2 2874;66037;1 64633;55290 0;27086;2734 7;6667;44883 4;64319;799; 60509;56650; 3021;54207;2	ADAM 11;AG BL5;A RFIP2 ;ARID 3B;AS B6;BC L9;BO LA2;B OLL;C ABP7; CALC R;CD X2;CL DND1 ;COP S7B;D FFB;D HX57; DMRT 2;DN AJC7; DPF2; EDC3 ;FAM
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AACTGAC,MIR-223	0.4955	1.3438	5.84E-02	4.81E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/AACTGAC,MIR-223">http://www.broadinstitute.org/gsea/msigdb/cancer/AACTGAC,MIR-223</a>	89	25	24137;28440 3;5316;27173 ;3925;58155; 5326;1942;58 14;80196;660 2;7343;7319; 401720;6198; 54522;5955;4 81;3087;538; 6670;5911;53 944;80232;27 347	ANKR D16;A TP1B 1;ATP 7A;CS NK1G 1;EFN A1;FI GNL2; HHEX ;KIF4 A;PK NOX1 ;PLA GL2;P TBP2; PURB ;RAP2 A;RC N2;R NF34; RPS6 KB1;S LC39 A1;S
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GGCAGTG,MIR-324-3P	0.5358	1.4338	1.10E-02	4.86E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GGCAGTG,MIR-324-3P">http://www.broadinstitute.org/gsea/msigdb/cards/GGCAGTG,MIR-324-3P</a>	93	18	1196;6421;10401;28964;11113;10963;9783;10642;57649;29789;996;9988;10014;10625;23131;26118;114815;10163	CDC27;CIT;CLK2;DMTF1;GIT1;GPATCH8;HDAC5;IGF2BP1;IVNS1A;BP;OLA1;P;HF12;PIAS3;RIMS3;SFPQ;SORCS1;STIP1;WA
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TCTAGAG,MIR-517	0.5453	1.3619	6.42E-02	4.86E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TCTAGAG,MIR-517">http://www.broadinstitute.org/gsea/msigdb/cards/TCTAGAG,MIR-517</a>	45	15	388695;5316;3609;55082;10481;57332;5935;29081;57181;64319;9441;3670;6616;121536;3219	AEBP 2;AR GLU1; CBX8; FBRS ;HOX B13;H OXB9 ;ILF3;I SL1;L YSMD 1;ME D26; METT L5;PK NOX1 ;RBM 3;SLC 39A10
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CAGGTCC,MIR-492	0.4899	1.2688	1.22E-01	4.91E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CAGGTCC,MIR-492">http://www.broadinstitute.org/gsea/msigdb/cards/CAGGTCC,MIR-492</a>	59	10	607;55215;63893;9184;5326;6434;5814;81610;9684;51400	BCL9; BUB3; FAM83D;FANCI;LRRRC14;PLA2GL2;PMPME1;PURB;TRAF2B;UBE2O
TCCGTCC,MIR-184	0.6557	1.2896	1.71E-01	4.94E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TCCGTCC,MIR-184">http://www.broadinstitute.org/gsea/msigdb/cards/TCCGTCC,MIR-184</a>	11	3	11273;55833;7536	ATXN2L;SF1;UBAP2
ACAACCT,MIR-453	0.5164	1.2748	1.16E-01	4.94E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/ACAACCT,MIR-453">http://www.broadinstitute.org/gsea/msigdb/cards/ACAACCT,MIR-453</a>	39	7	81609;1663;200035;58487;4097;10695;6198	CNPY3;CR2;EBZF;DDX11;MAFG;NUDT17;RPS6KB1;SNX2

GGATCCG,MIR-127	0.6589	1.2708	1.93E-01	4.97E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GGATCCG,MIR-127">http://www.broadinstitute.org/gsea/msigdb/cards/GGATCCG,MIR-127</a>	10	3	90957;1677;10616	DFFB; DHX57;RBCK1
CCACACA,MIR-147	0.5410	1.3980	4.62E-02	4.98E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CCACACA,MIR-147">http://www.broadinstitute.org/gsea/msigdb/cards/CCACACA,MIR-147</a>	57	15	55204;57645;6626;90957;1788;4204;85366;54880;10217;476;23446;5110;26027;6745;827	ACOT11;ATP1A1;BCOR;CAPN6;CTDSPL;DHX57;DNMT3A;GOLPH3L;MECP2;MYLK2;PCMT1;POGK;SLC44A1;SNRPA

TCTGGAC,MIR-198	0.5467	1.4601	1.35E-02	4.99E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TCTGGAC,MIR-198">http://www.broadinstitute.org/gsea/msigdb/cards/TCTGGAC,MIR-198</a>	82	10	23126;51107;3192;25788;89884;26528;3159;3020;84295;57649	APH1 A;DA ZAP1; H3F3 A;HM GA1; HNRN PU;L HX4;P HF12; PHF6; POGZ ;RAD
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GTGACTT,MIR-224	0.4693	1.3134	3.54E-02	5.03E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTGACTT,MIR-224">http://www.broadinstitute.org/gsea/msigdb/cards/GTGACTT,MIR-224</a>	150	29	3192;7756;9493;3925;57695;11113;23163;55432;10915;22794;1944;79893;389677;80742;4097;6434;55964;54676;9589;8899;11176;55740;126526;130574;1810;91461;11321;26118;51571	BAZ2 A;C19 orf47; CASC 3;CIT; DR1; EFNA 3;ENA H;FA M49B; GGA3 ;GGN BP2; GPN1 ;GTP BP2;H NRNP U;KIF 23;LY PD6; MAFG ;PKD CC;P RPF4 B;PR
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GTAAACC,MIR-299-5P	0.5215	1.3084	1.00E-01	5.05E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTAAACC,MIR-299-5P">http://www.broadinstitute.org/gsea/msigdb/cards/GTAAACC,MIR-299-5P</a>	47	20	4849;4097;57 649;5814;420 4;9759;90843 ;23598;6659; 3021;23369;5 525;9474;609 1;4144;2290; 7543;118424; 4618;1431	ATG5; CNOT 3;CS; FOXG 1;H3F 3B;H DAC4 ;MAF G;MA T2A; MECP 2;MY F6;PA TZ1;P HF12; PPP2 R5A;P UM2; PURB ;ROB O1;S OX4;T CEAL
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GAGACTG,MIR-452	0.4911	1.3327	5.09E-02	5.09E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/GAGACTG,MIR-452">http://www.broadinstitute.org/gsea/msigdb/cancer/GAGACTG,MIR-452</a>	91	25	10432;81609;10951;34724;0;4952;23163;6874;90957;8473;256356;9520;10057;10492;55288;79869;3706;6942;11021;5496;552900;6667;2049;196441;84146;2309	ABCC5;BOLA2;CBX1;CPSF7;DHX57;EPHB3;FOXO3;GGA3;GK5;ITPKA;KIF24;NPEPPS;OCRL;OGT;PPM1G;RAB35;RBM14;RHOT1;SNX27;SP1;SYN
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AGCTCCT,MIR-28	0.5041	1.3718	4.55E-02	5.10E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/AGCTCCT,MIR-28">http://www.broadinstitute.org/gsea/msigdb/cancer/AGCTCCT,MIR-28</a>	83	31	9869;56882;4209;6749;84450;3190;9684;85464;148266;4076;6722;124801;54820;55167;4088;53944;164633;81929;8242;827;9643;147179;340554;2020;6010;9266;4215;63946;8193;23098;54802	CABP7;CAPN6;CAPRI;N1;CDC42SE1;C;SNK1G1;CYTH2;DMRT;C2;D;PF1;EN2;HNRNP;K;KDM5C;LRRC14;LSM12;MAP3K3;MEF2D;MORF4L2;
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ACCAATC,MIR-509	0.5175	1.2899	1.20E-01	5.10E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/ACCAATC,MIR-509">http://www.broadinstitute.org/gsea/msigdb/cards/ACCAATC,MIR-509</a>	44	5	10262;9191;7716;5814;11176	BAZ2A;DEDD;PURB;SF3B4;VEZ
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ATCATGA,MIR-433	0.4764	1.3020	5.75E-02	5.13E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/ATCATGA,MIR-433">http://www.broadinstitute.org/gsea/msigdb/cards/ATCATGA,MIR-433</a>	106	28	55835;8703;79573;126626;23381;5883;5326;163589;9589;1871;57472;7072;10298;3915;9662;375133;23531;55167;55119;7322;2186;165055;11329;7273;55749;9859;10236;2885	B4GALT3;BPTF;CCDC138;CENPJ;CEP135;CEP170;CNOT6;E2F3;GABPB2;GRB2;HNRNPR;LAMC1;MMD;MSL2;PAK4;PI4KAP2;PLAGL2;
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CACGTTT,MIR-302A	0.5902	1.3629	9.24E-02	5.16E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CACGTTT,MIR-302A">http://www.broadinstitute.org/gsea/msigdb/cards/CACGTTT,MIR-302A</a>	27	11	10642;51377;8899;6877;130074;8453;5015;23592;131034;10933;2139	CPNE4;CUL2;EYA2;FA2;M168B;IGF2BP1;LEMD3;MO RF4L1;OTX2;PRPF4B;TAF5;U CHL5
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GAGCCAG,MIR-149	0.5344	1.4968	2.10E-03	5.18E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GAGCCAG,MIR-149">http://www.broadinstitute.org/gsea/msigdb/cards/GAGCCAG,MIR-149</a>	135	34	200186;7203;10951;51747;63925;28964;84923;7023;835;55633;55833;10642;5814;3178;8396;64858;83723;7536;57621;10322;83850;90161;6714;6045;91461;124801;22874;8570;6667;7534;2049;4771;65108;8030	CASP 2;CBX 1;CC DC6; CCT3; CRTC 2;DCL RE1B; EPHB 3;ESY T3;FA M104 A;FA M57B; GIT1; HNRN PA1;H S6ST 2;IGF 2BP1; KHSR P;LS M12;L UC7L 3;MA
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GCACCTT,MIR-18A,MIR-18B	0.4709	1.2914	6.46E-02	5.21E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GCACCTT,MIR-18A,MIR-18B">http://www.broadinstitute.org/gsea/msigdb/cards/GCACCTT,MIR-18A,MIR-18B</a>	112	21	1196;26147;10401;3298;23097;203547;65264;4209;23435;11273;5814;195828;64599;10950;55288;10644;9655;90355;10217;55897;26118	ATXN2L;BTG3;C5orf30;CDK19;CLK2;CTD SPL;GIGYF1;HSF2;IGF2BP2;MEF2D;MESP1;PHF19;PIAS3;PURB;RHOT1;SOCS5;TARDBP;UBE2Z;V
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GGGCATT,MIR-365	-0.2406	-0.8884	7.81E-01	8.81E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/genes/GGGCATT,MIR-365">http://www.broadinstitute.org/gsea/msigdb/cancer/genes/GGGCATT,MIR-365</a>	104	24	9901;1837;54762;23314;3920;84937;64399;8539;64755;133;2101;23678;8997;81876;5729;2113;55327;58476;649;11069;4306;54861;4638;220441	ADM; API5; BMP1 ;C16o rf58;D TNA; ESRR A;ETS 1;GR AMD1 C;HHI P;KAL RN;L AMP2 ;LIN7 C;MY LK;N R3C2; PTGD R;RA B1B;R APGE F4;RN F152; SATB
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GTGCCAA,MIR-96	-0.2235	-0.9011	8.33E-01	9.25E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTGCCAA,MIR-96">http://www.broadinstitute.org/gsea/msigdb/cards/GTGCCAA,MIR-96</a>	284	52	3667;9788;81 39;55089;260 18;83478;801 3;7326;2475; 55553;1983;6 487;84272;23 242;59277;70 92;57631;775 ;23136;84333 ;30011;6505; 55752;9223;6 907;3709;919 4;10613;6465 1;25987;5733 ;284612;8031 5;2308;11069 ;114757;2336 5;9695;5606; 55108;7095;1 8;2823;7982; 6506;284439; 25924;9079;9 467;220441;2 534;7009	ABAT; ARHG AP24; ARHG EF12; BSDC 1;CA CNA1 C;CO BL;CP EB4;C SRNP 1;CY GB;E DEM1 ;EIF5; EPB4 1L3;E RLIN1 ;FOX O1;FY N;GA N;GP M6A;I RS1;I
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GTAAGAT,MIR-200A	-0.2787	-0.9130	6.23E-01	9.78E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTAAGAT,MIR-200A">http://www.broadinstitute.org/gsea/msigdb/cards/GTAAGAT,MIR-200A</a>	45	12	8139;7337;4774;3164;10777;84333;23767;687;10135;6672;23516;10395	ARPP21;DL C1;FL RT3; GAN; KLF9; NAMP T;NFI A;NR 4A1;P CGF5 ;SLC3 9A14; SP10 0;UBE
TCGATGG,MIR-213	-0.3129	-0.5831	9.21E-01	9.82E-01	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TCGATGG,MIR-213">http://www.broadinstitute.org/gsea/msigdb/cards/TCGATGG,MIR-213</a>	5	2	23193;23314	GANAB;SAT B2

GTGTCAA,MIR-514	-0.3759	-1.2815	5.97E-02	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTGTCAA,MIR-514">http://www.broadinstitute.org/gsea/msigdb/cards/GTGTCAA,MIR-514</a>	58	13	166336;23321;81558;8322;367;730;6886;5095;27125;5728;4430;10867;4947	AFF4;AR;C7;FA M117A;FZD4;MYO1B;OAZ2;PCCA;PRICKLE2;PTEN;TAL1;TRIM2;TSP
TAGGTCA,MIR-192,MIR-215	-0.3439	-1.0834	2.82E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TAGGTCA,MIR-192,MIR-215">http://www.broadinstitute.org/gsea/msigdb/cards/TAGGTCA,MIR-192,MIR-215</a>	42	9	5862;8204;9839;158763;5925;10904;9208;113251;1629	ARHGAP36;BLCAP;DBP;LARP4;LRP4;LRP4;RFIP1;NRIP1;RAB2A;RB1;ZEB

CGGTGTG,MIR-220	-0.6301	-1.1586	3.37E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CGGTGTG,MIR-220">http://www.broadinstitute.org/gsea/msigdb/cards/CGGTGTG,MIR-220</a>	5	3	7068;57731;2876	GPX1;SPTBN4;THRB
CTACTAG,MIR-325	-0.4359	-1.0778	3.42E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CTACTAG,MIR-325">http://www.broadinstitute.org/gsea/msigdb/cards/CTACTAG,MIR-325</a>	16	5	91624;1452;570;407738;1398	BAAT;CRK;CSNK1A1;FAM19A1;NE

GTATTAT,MIR-369-3P	-0.2392	-0.9800	5.00E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GTATTAT,MIR-369-3P">http://www.broadinstitute.org/gsea/msigdb/cards/GTATTAT,MIR-369-3P</a>	193	44	22982;56137;56135;5142;1051;11342;10138;56136;6529;25932;830;1756;56139;6487;395;253943;23568;7424;9839;51363;25777;7555;5144;6815;9552;23767;23090;114885;7325;23414;26994;23300;96459;2308;2675;27115;10150;7323;23621;54363;1073;2534;4035;267	AMFR;ARHGAP6;ARL2BP;ATMIN;BACE1;CAPZA2;CEBPB;CFL2;CHST15;CLIC4;CNBP;DIP2C;DMRD;FLRT3;FNIP1;FOXO1;FYNGFRA2;HAO1;LR
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GCTCTTG,MIR-335	-0.2640	-0.9386	5.94E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/GCTCTTG,MIR-335">http://www.broadinstitute.org/gsea/msigdb/cards/GCTCTTG,MIR-335</a>	77	19	10269;51232;1264;11059;8460;1176;2162;84656;8013;7326;9728;6444;5463;29801;83641;123879;7328;55108;9467	AP3S 1;BSD C1;C NN1; CRIM 1;DC UN1D 3;F13 A1;FA M107 B;GL YR1; NR4A 3;PO U6F1; SECI SBP2 L;SG CD;S H3BP 5;TPS T1;UB E2G1; UBE2 H;WW
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CTTTGCA,MIR-527	-0.2327	-0.9451	6.92E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/CTTTGCA,MIR-527">http://www.broadinstitute.org/gsea/msigdb/cards/CTTTGCA,MIR-527</a>	222	45	23443;8539;83452;151;23114;223082;5906;9021;84248;5587;1960;6299;4208;2185;9839;118429;23034;122830;55752;11278;113201;83716;3419;3778;23414;6595;8322;10294;80315;22862;4967;202018;27115;10150;11102;80205;4306;26959;164;23169;5728;1647;388;80004;800	ADRA2B;ANTXR2;AP1G1;API5;CALD1;CASC4;CHD9;CPEB4;CRISPLD2;DNAJA2;EGFR3;ESRRP2;FNDC3A;FYTD1;FZD4;GADD45A;HBP1;IDH3A
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GCTTGAA,MIR-498	-0.2532	-0.9207	7.14E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/collections/GCTTGAA,MIR-498">http://www.broadinstitute.org/gsea/msigdb/collections/GCTTGAA,MIR-498</a>	103	27	1837;3751;5870;5142;2697;5066;11252;830;9021;1497;84248;144402;54921;3660;10979;9839;5295;11278;51727;5530;64756;26994;10972;26959;54861;114299;54941	ATPA F1;CA PZA2; CHTF 8;CM PK1;C PNE8; CTNS ;DTN A;FE RMT2 ;FYTT D1;GJ A1;HB P1;IR F2;KC ND2; KLF1 2;PAC SIN2; PALM 2;PA M;PD E4B;P IK3R1
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ACTTTAT,MIR-142-5P	-0.2229	-0.9509	7.27E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cancer/ACTTTAT,MIR-142-5P">http://www.broadinstitute.org/gsea/msigdb/cancer/ACTTTAT,MIR-142-5P</a>	270	40	2353;9690;338645;1960;3084;2926;80176;54511;337876;2643;79589;7538;5775;60592;1182;4289;23414;53339;80315;22862;548645;196;83641;80205;6386;3479;122525;164;27125;10580;9510;407738;2034;8671;79038;1398;7048;55664;22849;9709	ADAM TS1;A FF4;A HR;A P1G1; BTBD 1;C14 orf28; CDC3 7L1;C HD9; CHSY 3;CLC N3;C PEB3; CPEB 4;CR K;DN AJC2 5;EG R3;EP AS1;F AM10 7B;FA M19A
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AACGGTT,MIR-451	-0.3290	-0.7396	7.94E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/AACGGTT,MIR-451">http://www.broadinstitute.org/gsea/msigdb/cards/AACGGTT,MIR-451</a>	10	1	64400	AKTIP
TTCCGTT,MIR-191	-0.2308	-0.6655	9.72E-01	1.00E+00	<a href="http://www.broadinstitute.org/gsea/msigdb/cards/TTCCGTT,MIR-191">http://www.broadinstitute.org/gsea/msigdb/cards/TTCCGTT,MIR-191</a>	29	2	164;219654	AP1G1;ZCC HC24