

Table SII. MicroRNA signature. Wild type Δ Np63 α cells versus Δ Np63 α -S385G cells upon cisplatin exposure.

Probe ID	miRNA Names	Log2 Fold Change	Log2 Avg Signal	Linear Fold Change
2110	hsa-miR-519a	-4.268026451	3.294977273	-19.26655133
1179	hsa-miR-181a	-4.220235788	3.271081941	-18.63878337
1924	hsa-miR-374a	-3.966383725	3.935030593	-15.63149354
1323	hsa-miR-98	-3.873687115	3.888682288	-14.65871886
2891	hsa-miR-519b-3p	-3.845580952	2.715271726	-14.37590577
1310	hsa-miR-29c	-3.459428099	3.681552782	-10.99997317
1489	hsa-miR-204	-3.403677461	2.494319981	-10.58300524
1482	hsa-miR-95	-3.372977189	2.478969845	-10.36018018
2342	hsa-miR-375	-3.292773077	3.598225269	-9.799941089
3020	hsa-miR-208b	-3.098198606	2.341580554	-8.563488386
3537	IVGN-novel-miR_3537	-3.095386176	13.28022316	-8.546810739
2607	hsa-miR-22	-2.995048692	4.50382149	-7.972591179
3148	hsa-miR-411	-2.992446554	2.288704527	-7.958224258
2931	hsa-miR-34c-3p	-2.901379509	5.957993234	-7.471404697
3559	hsa-mir-18b	-2.868316148	12.31949592	-7.302123898
3579	IVGN-novel-miR_3579	-2.816053134	12.67391674	-7.042331471
3012	hsa-miR-206	2.763738503	4.285546713	-6.791538854
3511	IVGN-novel-miR_3511	-2.645680546	12.75740418	-6.257908422
1409	hsa-miR-429	-2.644780311	8.220874345	-6.254004731
3564	IVGN-novel-miR_3564	-2.579555089	10.57517786	-5.977553301
2950	hsa-miR-132*	-2.544464423	2.822100215	-5.833915231
1366	hsa-miR-339-3p	-2.480093016	3.667804604	-5.579334376
1380	hsa-miR-203	-2.478259854	4.858534934	-5.572249488
1064	hsa-miR-25	-2.262902195	7.127256661	-5.499560141
3069	hsa-miR-886-3p	-2.427622728	6.934878627	-5.380061736
3453	IVGN-novel-miR_3453	-2.405915739	7.262861443	-5.299718527
3274	hsa-miR-155	-2.07217422	6.460133533	-5.205199425
1361	hsa-miR-148a; hsa-mir-148b	2.064929125	5.54193039	-5.184134202
3245	hsa-miR-30c-2	-2.037159263	4.12374a8461	-5.104365648
1242	hsa-miR-485	-1.986458212	3.790879008	-4.962629852
1182	hsa-miR-382	-1.981348086	8.779508179	-4.948618772
3015	hsa-miR-101	-1.97394261	3.237259632	-4.928402106
3470	IVGN-novel-miR_3470	-2.298378078	6.318555014	-4.919044402
1850	hsa-miR-18a	-1.972800172	4.134872461	-4.825292524
3545	IVGN-novel-miR_3545	-2.259585823	11.90111188	-4.788539899
2998	hsa-miR-625	-1.953050856	7.397598688	-4.771924594
3577	IVGN-novel-miR_3577	-2.216949157	11.89322679	-4.649092585
2237	hsa-miR-146b-3p	-1.906138111	3.870643764	-4.648044574
3097	hsa-miR-455-3p	-1.849115455	8.38662006	-4.602792229
2938	hsa-miR-214	-1.833891964	5.421059447	-4.564975011
2920	hsa-miR-99a*	-2.185179432	2.385070966	-4.547833485
3422	IVGN-novel-miR_3422	-2.176276934	14.13000882	-4.519856388
2996	hsa-miR-27a	-1.803548821	6.42491883	-4.490778511
3590	IVGN-novel-miR_3590	-2.166722325	12.03828888	-4.490021412
2328	hsa-miR-659	-1.770794767	3.852695637	-4.312418918
3468	IVGN-novel-miR_3468	-2.104370193	9.3441012	-4.300099947
3700	IVGN-novel-miR_3700	-2.099630665	9.961150235	-4.285996481
3546	IVGN-novel-miR_3546	-2.086817043	10.2219707	-4.248097985
3016	hsa-miR-19b-1*	-2.081272425	2.812195647	-4.231802858

3243	hsa-miR-565	-2.049355686	5.295842041	-4.139210694
2563	hsa-miR-199a/199b-3p	-1.769082773	4.694926209	-4.108371926
3650	IVGN-novel-miR_3650	-2.014023593	13.63334408	-4.039071242
3208	hsa-miR-183	-1.753369821	4.995516792	-3.971451447
3516	IVGN-novel-miR_3516	-1.977347367	9.429405923	-3.937684076
3201	hsa-miR-942	-1.969436062	3.003921931	-3.916150101
3347	IVGN-novel-miR_3347	-1.941921892	13.01139983	-3.842171435
3606	IVGN-novel-miR_3606	-1.941801706	7.098157428	-3.841851368
3032	hsa-miR-628-5p	-1.936963478	2.625820894	-3.828988899
3656	IVGN-novel-miR_3656	-1.896327413	7.194323608	-3.722643372
3339	IVGN-novel-miR_3339	-1.890679857	2.945339928	-3.708099244
3576	IVGN-novel-miR_3576	-1.885087541	11.90294715	-3.693753369
2903	hsa-miR-362-3p	-1.606009336	4.9756944	-3.64408646
1487	hsa-miR-197	-1.592611208	3.538174123	-3.515947277
2561	hsa-miR-7	-1.569082773	3.494926209	-3.498371926
3247	hsa-miR-221	-1.541244749	3.405219597	-3.443234957
3655	IVGN-novel-miR_3655	-1.768214596	5.990658441	-3.406321459
3751	hsa-miR-122	-1.453369821	3.095516792	-3.371451447
3575	IVGN-novel-miR_3575	-1.669925001	2.834962501	-3.181980515
3587	IVGN-novel-miR_3587	-1.632547273	12.96396712	-3.100599685
3646	IVGN-novel-miR_3646	-1.621794804	9.151273308	-3.077576682
3668	IVGN-novel-miR_3668	-1.600011707	7.259844349	-3.031457733
3527	IVGN-novel-miR_3527	-1.593282777	11.69838239	-3.017351515
3012	hsa-miR-515-3p	-1.580380731	3.247662672	-2.990487591
1937	hsa-miR-433	-1.555204879	3.614755684	-2.938754574
2227	hsa-miR-581	-1.512767546	3.821025281	-2.853569194
3586	IVGN-novel-miR_3586	-1.431140397	6.51874082	-2.696597872
3521	IVGN-novel-miR_3521	-1.430308454	14.06652728	-2.695043303
3332	IVGN-novel-miR_3332	-1.385852353	13.73553212	-2.61326305
2171	hsa-miR-381	-1.368482797	3.206438458	-2.581988897
3340	IVGN-novel-miR_3340	-1.349982652	2.2979546	-2.549090602
3591	IVGN-novel-miR_3591	-1.328429273	5.91150445	-2.511291105
3056	hsa-miR-136*	-1.299275062	4.045740397	-2.461051865
1122	hsa-miR-215	-1.272160258	2.428561379	-2.415229458
2937	hsa-miR-501-3p	-1.272160258	2.428561379	-2.415229458
3571	IVGN-novel-miR_3571	-1.272160258	2.428561379	-2.415229458
2245	hsa-let-7i	-1.257100652	12.81152728	-2.390149157
3350	IVGN-novel-miR_3350	-1.256856545	8.069372353	-2.389744773
3077	hsa-miR-26a-1*	-1.245926548	2.622963274	-2.371708245
3272	hsa-miR-26b*	-1.245926548	2.622963274	-2.371708245
3177	hsa-miR-152	-1.243999083	4.254558082	-2.368541718
2217	hsa-miR-517b	-1.242554537	2.848997637	-2.366171324
2837	hsa-miR-450a	-1.237862581	5.038942955	-2.358488524
1431	hsa-let-7b	-1.221650308	13.32486968	-2.33213339
3417	IVGN-novel-miR_3417	-1.214185604	5.431401766	-2.320097772
3185	hsa-miR-642	-1.205229343	3.124811731	-2.305739204
3467	IVGN-novel-miR_3467	-1.20373207	3.474647191	-2.303347479
1380	hsa-miR-126	-1.192549997	6.486121234	-2.285563651
3471	IVGN-novel-miR_3471	-1.188821764	10.27498454	-2.279664889
1143	hsa-miR-218	-1.159637927	2.633473646	-2.234013535
3657	IVGN-novel-miR_3657	-1.158666734	8.62514125	-2.232510149
3533	IVGN-novel-miR_3533	-1.152956022	6.885391175	-2.223690529
3124	hsa-miR-302c	-1.147727942	3.096061031	-2.215646838
3589	IVGN-novel-miR_3589	-1.14047407	3.856998968	-2.204534523
3526	IVGN-novel-miR_3526	-1.118625001	8.093224804	-2.171399229
3658	IVGN-novel-miR_3658	-1.115086262	9.223507628	-2.166079601
3671	IVGN-novel-miR_3671	-1.112597316	2.770532361	-2.162345891

3189	hsa-miR-886-5p	-1.105361563	9.183715867	-2.151527922
3183	hsa-miR-361-3p	-1.104172053	5.27016091	-2.149754705
1268	hsa-let-7c	-1.077915519	13.13176157	-2.110983818
2262	hsa-miR-1	-1.066713708	3.958950487	-2.094656544
3128	hsa-miR-200c	-1.052557044	12.86109672	-2.074202925
3599	IVGN-novel-miR_3599	-1.044321827	8.599315247	-2.062396652
1942	hsa-miR-501-5p	-0.994319981	2.49715999	-1.992141302
2584	hsa-let-7d	-0.980917868	13.26785746	-1.973720725
2034	hsa-miR-525-5p	-0.980708035	2.467076666	-1.973433678
1033	hsa-let-7f	-0.958455413	13.04571258	-1.94322831
3433	IVGN-novel-miR_3433	-0.944027629	11.75654105	-1.923891754
3594	IVGN-novel-miR_3594	-0.932628844	13.62509131	-1.908750908
3619	IVGN-novel-miR_3619	-0.929165687	5.557662693	-1.904174449
1038	hsa-miR-369-3p	-0.928561379	2.691003339	-1.903377048
2791	hsa-let-7g	-0.925039435	11.84271171	-1.898736141
2895	hsa-miR-372	-0.921765172	3.616166614	-1.894431759
2074	hsa-miR-551b	-0.921745986	3.273225802	-1.894406565
3395	IVGN-novel-miR_3395	-0.919049388	11.84127879	-1.890868963
1457	hsa-miR-182*	-0.915545002	3.69585434	-1.886281512
3676	IVGN-novel-miR_3676	-0.896655788	8.223051915	-1.861745394
3349	IVGN-novel-miR_3349	-0.870910328	3.228874448	-1.828816504
3278	hsa-miR-137	-0.869028652	2.690555529	-1.826432773
3040	hsa-miR-10a*	-0.864857905	2.938020906	-1.821160287
3612	IVGN-novel-miR_3612	-0.857522961	3.11496994	-1.81192465
2287	hsa-miR-668	-0.853759375	3.220298971	-1.807204007
3513	IVGN-novel-miR_3513	-0.845670222	13.90267955	-1.797099417
3595	IVGN-novel-miR_3595	-0.843908209	13.69796282	-1.794905898
3151	hsa-miR-454	-0.842992827	5.698061606	-1.793767401
3335	IVGN-novel-miR_3335	-0.839038653	6.280023031	-1.78885773
3592	IVGN-novel-miR_3592	-0.838736913	3.182808679	-1.788483629
3702	IVGN-novel-miR_3702	-0.831970392	12.61487616	-1.780114933
1092	hsa-miR-31	-0.823916076	12.43405688	-1.77020455
1483	hsa-miR-26a	-0.815623377	12.10311022	-1.760058494
3507	IVGN-novel-miR_3507	-0.814562767	3.51123306	-1.758765048
3597	IVGN-novel-miR_3597	-0.813588446	3.108632953	-1.757577767
3602	IVGN-novel-miR_3602	-0.811634933	8.736924626	-1.755199394
2259	hsa-miR-516a-3p;hsa-miR-516b*	-0.805582732	7.623077334	-1.74785164
2935	hsa-miR-362-5p	-0.79493286	4.096004419	-1.734996629
2916	hsa-miR-452	-0.787210443	7.965586901	-1.7257344
3686	IVGN-novel-miR_3686	-0.786114665	12.42702048	-1.724424142
3549	IVGN-novel-miR_3549	-0.783729112	10.09875136	-1.721575094
2926	hsa-miR-224	-0.783046824	8.536203691	-1.72076111
3295	hsa-miR-30a*	-0.782188602	5.276238048	-1.719737777
3136	hsa-miR-660	-0.756782572	4.002521501	-1.689718093
2890	hsa-miR-541*	-0.738904163	3.714646921	-1.668907695
3082	hsa-miR-106a*	-0.730174099	2.790196979	-1.658839262
3193	hsa-miR-526a;hsa-miR-518d-5p;hsa-miR-518f*;hsa-miR-520c-5p	-0.723729488	2.884061804	-1.651445648
1044	hsa-miR-24	-0.722106285	12.85681687	-1.64958862
2237	hsa-miR-146b-5p	-0.719129171	4.506988761	-1.646188075
3268	hsa-miR-933	-0.712848771	4.529427787	-1.639037396
3536	IVGN-novel-miR_3536	-0.712006433	12.34288854	-1.6380807
1311	hsa-miR-195	-0.711334275	5.558919393	-1.637317689
3435	IVGN-novel-miR_3435	-0.70875027	11.29939572	-1.63438772
1037	hsa-miR-373	-0.70867933	6.681911556	-1.634307357
3270	hsa-miR-636	-0.708469571	3.756269111	-1.634069756
3364	IVGN-novel-miR_3364	-0.705162308	4.956297902	-1.630328071

3366	IVGN-novel-miR_3366	-0.700568766	4.469772972	-1.625145361
3169	hsa-miR-26b	-0.69790884	7.451909124	-1.622151808
1030	hsa-let-7a	-0.696061941	14.00996625	-1.620076503
3439	IVGN-novel-miR_3439	-0.69443541	12.88841237	-1.618251016
3119	hsa-miR-20a	-0.693965608	12.50747279	-1.617724132
2165	hsa-miR-196a	-0.690087026	4.622332845	-1.613380837
3620	IVGN-novel-miR_3620	-0.689682033	5.071343882	-1.612927993
1315	hsa-miR-21	-0.689443119	12.19988247	-1.612660911
3227	hsa-miR-33b	-0.689255812	2.505591953	-1.61245155
3146	hsa-miR-34b*	-0.689255812	2.505591953	-1.61245155
3437	IVGN-novel-miR_3437	-0.684171678	12.63248385	-1.606779186
3167	hsa-miR-505	-0.683634714	3.597842552	-1.606181262
1778	hsa-miR-329	-0.681987082	3.001355713	-1.604347967
1301	hsa-miR-10b	-0.669596884	7.794786987	-1.590628454
2332	hsa-miR-592	-0.664151171	3.932295444	-1.584635657
2984	hsa-miR-103	-0.660765122	11.83590392	-1.580920831
1015	hsa-miR-181c	-0.658177886	7.264339504	-1.57808825
3326	IVGN-novel-miR_3326	-0.643284294	3.018345477	-1.561880736
3434	IVGN-novel-miR_3434	-0.63628916	7.96530016	-1.55432604
2205	hsa-miR-615-3p	-0.633716949	3.673050351	-1.551557269
2740	hsa-miR-16	-0.633647673	12.85517789	-1.551482768
3603	IVGN-novel-miR_3603	-0.632305267	7.583365696	-1.550039807
3515	IVGN-novel-miR_3515	-0.631741505	10.57853806	-1.549434217
3341	IVGN-novel-miR_3341	-0.622119907	12.30775966	-1.539135137
3428	IVGN-novel-miR_3428	-0.619066008	13.45424802	-1.535880539
3583	IVGN-novel-miR_3583	-0.617969875	3.795512594	-1.534714049
3432	IVGN-novel-miR_3432	-0.615348817	10.65439848	-1.531928344
2339	hsa-miR-557	-0.605489762	4.789567025	-1.521495178
2901	hsa-miR-944	-0.601689699	4.467553264	-1.517492829
1793	hsa-miR-646	-0.589559324	9.330416501	-1.504787035
1393	hsa-miR-326	-0.589005664	7.108532651	-1.504209657
3497	IVGN-novel-miR_3497	-0.588881836	12.49529377	-1.504080555
1313	hsa-miR-15b	-0.587022424	12.41347622	-1.502143275
1474	hsa-miR-302c*	-0.583636028	4.63174991	-1.498621472
3636	IVGN-novel-miR_3636	-0.583171104	5.680783251	-1.498138537
3478	IVGN-novel-miR_3478	-0.579367867	4.299791237	-1.494194407
3152	hsa-let-7b*	-0.574657233	3.085312376	-1.489323576
2952	hsa-miR-221*	-0.571894271	4.834023899	-1.486474043
3604	IVGN-novel-miR_3604	-0.570261647	9.79628613	-1.484792828
3518	IVGN-novel-miR_3518	-0.569917045	14.28696158	-1.484438213
3449	IVGN-novel-miR_3449	-0.569558239	5.255056454	-1.484069071
3276	hsa-miR-340	-0.566336142	2.935000649	-1.480758268
3370	IVGN-novel-miR_3370	-0.563747188	5.327787135	-1.478103391
3090	hsa-miR-505*	-0.56234223	5.1909792	-1.476664652
1054	hsa-miR-92a	-0.561051602	12.1288571	-1.475344226
3685	IVGN-novel-miR_3685	-0.559414219	2.702414979	-1.473670738
3416	IVGN-novel-miR_3416	-0.558957946	10.19216685	-1.473204742
2336	hsa-miR-587	-0.558011752	3.464504077	-1.472238854
3477	IVGN-novel-miR_3477	-0.556294213	9.704309408	-1.470487186
3226	hsa-miR-143*	-0.553457602	3.12694866	-1.467598771
1101	hsa-miR-154	-0.543887566	3.012822709	-1.457895756
2517	hsa-miR-106a	-0.540244543	12.16060455	-1.454218993
1851	hsa-miR-378	-0.538197932	7.921787654	-1.452157497
1860	hsa-miR-504	-0.530700272	4.430808575	-1.444630237
2607	hsa-miR-22*	-0.521033058	5.521895261	-1.434982416
3030	hsa-miR-200b*	-0.515164597	5.839647074	-1.429157183
3368	IVGN-novel-miR_3368	-0.512622504	5.223081603	-1.426641162

3617	IVGN-novel-miR_3617	-0.509353378	11.4330814	-1.423412073
3638	IVGN-novel-miR_3638	-0.508610161	3.92334945	-1.422678979
3277	hsa-miR-361-5p	-0.508043493	9.142642411	-1.422120282
3006	hsa-miR-92a-1*	-0.507436057	3.346484005	-1.421521636
3496	IVGN-novel-miR_3496	-0.50345145	2.57307628	-1.417600925
3492	IVGN-novel-miR_3492	-0.499534104	7.266926368	-1.413756938
1108	hsa-miR-208	-0.490601268	5.164780545	-1.405030324
3618	IVGN-novel-miR_3618	-0.485042113	8.164570562	-1.399626721
3534	IVGN-novel-miR_3534	-0.481197713	6.308337677	-1.395902051
3049	hsa-miR-106b*	-0.479445284	3.707299391	-1.394207491
2882	hsa-miR-497*	-0.479089912	3.304186465	-1.393864105
3569	IVGN-novel-miR_3569	-0.477476612	8.518802323	-1.392306282
1957	hsa-miR-500*	-0.475625704	3.974757232	-1.390521165
3239	hsa-miR-7	-0.469655371	5.778183864	-1.384778634
2342	hsa-miR-375	-0.465284838	4.396415971	-1.380589902
3421	IVGN-novel-miR_3421	-0.463114649	8.361118681	-1.378514697
3365	IVGN-novel-miR_3365	-0.458199931	7.239665357	-1.373826607
2938	hsa-miR-652	-0.456629603	5.88528894	-1.372332054
1367	hsa-miR-211	-0.448993084	3.897661313	-1.365087174
2846	hsa-miR-801	-0.447075459	7.004863547	-1.363273911
1141	hsa-miR-186	-0.441733173	4.037961491	-1.358235055
2983	hsa-miR-107	-0.439522652	11.67557467	-1.356155539
3100	hsa-miR-185	-0.438349806	9.322615813	-1.355053494
3213	hsa-miR-589	-0.438226785	2.738317292	-1.35493795
2563	hsa-miR-199a-3p;hsa-miR-199b-3p	-0.437142721	6.273170288	-1.353920211
3373	IVGN-novel-miR_3373	-0.435918816	5.057407872	-1.352772105
3262	hsa-miR-593	-0.432197878	4.50813951	-1.349287588
1455	hsa-miR-328	-0.431486735	4.682528128	-1.348622652
2914	hsa-miR-708*	-0.430618992	3.495762883	-1.347811735
2117	hsa-miR-141	-0.429866179	7.903303513	-1.347108616
3443	IVGN-novel-miR_3443	-0.42510993	2.505036215	-1.342674807
3554	IVGN-novel-miR_3554	-0.423998453	3.457925775	-1.341640786
1106	hsa-miR-140-5p	-0.416232369	7.281918914	-1.334438085
1115	hsa-miR-324-5p	-0.401425164	6.114441954	-1.320812028
3294	hsa-miR-30e*	-0.399480668	6.581432838	-1.319033009
3605	IVGN-novel-miR_3605	-0.398103491	3.839563149	-1.317774478
2772	hsa-miR-151-5p	-0.395913012	11.37254458	-1.315775187
3196	hsa-miR-628-3p	-0.394502664	3.901254752	-1.314489542
3343	IVGN-novel-miR_3343	-0.388880188	7.141222301	-1.309376679
3280	hsa-miR-27b	-0.388360367	9.137583649	-1.308904979
3192	hsa-miR-139-5p	-0.383043198	2.932400525	-1.304089783
3588	IVGN-novel-miR_3588	-0.376032928	6.038188496	-1.297768387
3202	hsa-miR-526b	-0.375933574	3.141412085	-1.297679016
3168	hsa-miR-335	-0.365213324	5.740291274	-1.288072076
3359	IVGN-novel-miR_3359	-0.362244172	7.179305916	-1.285423873
2146	hsa-miR-10a	-0.357511212	5.705639111	-1.281213773
3614	IVGN-novel-miR_3614	-0.349357004	8.916435146	-1.273992694
3626	IVGN-novel-miR_3626	-0.347975608	13.95408764	-1.272773416
2923	hsa-miR-708	-0.337010751	5.145662272	-1.263136674
2291	hsa-miR-210	-0.336172035	9.953234151	-1.262402559
2896	hsa-miR-17	-0.333210285	11.75774511	-1.259813595
3369	IVGN-novel-miR_3369	-0.33136942	6.637144925	-1.25820711
3643	IVGN-novel-miR_3643	-0.329908679	6.57810604	-1.256933809
1366	hsa-miR-339-5p	-0.327475383	6.948102622	-1.254815611
2097	hsa-miR-550*	-0.325589537	4.469059932	-1.253176427
3024	hsa-miR-23a	-0.325486144	12.50909594	-1.253086619
3454	IVGN-novel-miR_3454	-0.324880861	12.65590928	-1.252560997

3250	hsa-miR-629	-0.322680727	6.438227513	-1.250652276
2101	hsa-miR-627	-0.315514133	3.738932888	-1.24445506
2138	hsa-miR-365	-0.311541227	4.896034119	-1.241032784
2340	hsa-miR-133a	-0.307691976	6.23302889	-1.237726
3257	hsa-miR-30a	-0.307419296	8.429158755	-1.237492083
3050	hsa-miR-892a	-0.305598105	2.640620231	-1.235930917
3025	hsa-miR-623	-0.304328433	2.521217403	-1.23484369
2162	hsa-miR-503	-0.297085853	5.052084223	-1.228660095
3023	hsa-miR-23b	-0.291850059	12.19995719	-1.224209153
3363	IVGN-novel-miR_3363	-0.288216097	6.97378155	-1.221129408
3217	hsa-let-7e	-0.286466245	10.15894578	-1.219649192
3615	IVGN-novel-miR_3615	-0.28646515	8.541418015	-1.219648266
2894	hsa-miR-20b	-0.277427571	6.783552694	-1.212031817
2910	hsa-miR-181c*	-0.270628456	5.953075808	-1.206333207
2209	hsa-miR-486-5p	-0.269500628	3.018812118	-1.205390524
3178	hsa-miR-520a-5p	-0.265257358	2.71759118	-1.201850425
3625	IVGN-novel-miR_3625	-0.264954869	13.89117792	-1.20159846
2949	hsa-miR-941	-0.261119089	4.632496274	-1.198407941
1323	hsa-let-7d*	-0.261104539	4.362975453	-1.198395855
3372	IVGN-novel-miR_3372	-0.259912562	8.135946751	-1.197406131
2992	hsa-miR-25*	-0.256235189	5.041561624	-1.194357876
3371	IVGN-novel-miR_3371	-0.25595975	3.110101964	-1.194129872
1145	hsa-miR-7-1*	-0.255154172	4.756593834	-1.193463275
2402	hsa-miR-502-3p	-0.252726448	3.750493439	-1.191456639
1943	hsa-miR-425*	-0.244886739	6.456288567	-1.184999737
1883	hsa-miR-650	-0.24452211	4.618002451	-1.184700276
3522	IVGN-novel-miR_3522	-0.24309942	4.996513608	-1.18353258
3493	IVGN-novel-miR_3493	-0.24126394	7.10332476	-1.182027778
3101	hsa-miR-144*	-0.241196384	3.664329612	-1.181972429
3362	IVGN-novel-miR_3362	-0.240621408	4.969207435	-1.181501456
3560	IVGN-novel-miR_3560	-0.239801453	12.47596664	-1.180830142
3058	hsa-miR-16-2*	-0.237968669	5.542377447	-1.17933098
2956	hsa-miR-28-3p	-0.226761445	7.21062577	-1.170205127
2861	hsa-miR-769-5p	-0.221362698	4.255762926	-1.165834256
3637	IVGN-novel-miR_3637	-0.214421649	2.957430684	-1.160238702
2208	hsa-miR-378*	-0.208589794	4.622524557	-1.155558097
3388	IVGN-novel-miR_3388	-0.208533538	11.62076616	-1.155513038
3156	hsa-miR-135a*	-0.20779962	6.434150906	-1.154925362
3302	IVGN-novel-miR_3302	-0.205472506	9.651321622	-1.153063932
2904	hsa-miR-21*	-0.194852603	6.698547661	-1.144607212
3456	IVGN-novel-miR_3456	-0.181767015	7.65066527	-1.134272293
3378	IVGN-novel-miR_3378	-0.180525978	8.10914734	-1.133296987
3274	hsa-miR-155	-0.180235757	6.830426035	-1.13306903
2865	hsa-miR-769-3p	-0.17771378	4.352540787	-1.131090041
2176	hsa-miR-584	-0.176423901	4.836193547	-1.130079212
1362	hsa-miR-148b	-0.175173303	6.654159262	-1.12910003
2282	hsa-miR-30e	-0.172710999	6.242904257	-1.127174594
3367	IVGN-novel-miR_3367	-0.166434431	5.317925329	-1.122281376
2182	hsa-miR-92b	-0.165554614	7.546963763	-1.12159717
2271	hsa-miR-585	-0.165177813	3.93233718	-1.121304271
3215	hsa-miR-339-3p	-0.156329273	5.021875416	-1.114447977
2947	hsa-miR-181a-2*	-0.15245918	4.336354719	-1.111462428
3157	hsa-miR-183	-0.151839199	8.857864173	-1.110984893
2048	hsa-miR-578	-0.14600188	4.01524384	-1.106498795
1952	hsa-miR-200a*	-0.13497115	4.713750957	-1.098070855
3324	IVGN-novel-miR_3324	-0.133240836	8.740218072	-1.09675466
1892	hsa-miR-604	-0.128469851	2.489344855	-1.093133688

3042	hsa-miR-191	-0.123292927	8.726241203	-1.089218149
2968	hsa-miR-892b	-0.12202524	2.854431904	-1.088261481
3130	hsa-miR-500	-0.117692228	4.215421607	-1.084997883
1894	hsa-miR-658	-0.117325089	3.381180459	-1.084721807
2328	hsa-miR-659	-0.115312951	4.455179876	-1.083209991
1082	hsa-miR-324-3p	-0.114841507	6.073004948	-1.082856077
3538	IVGN-novel-miR_3538	-0.112979742	8.876880753	-1.081459578
1924	hsa-miR-374b	-0.111511186	6.862472269	-1.080359293
1913	hsa-miR-644	-0.111051614	5.486801353	-1.080015198
1154	hsa-miR-323-3p	-0.106464346	4.460741638	-1.076586579
2266	hsa-miR-432*	-0.103759375	3.828520423	-1.074569932
3009	hsa-miR-130b	-0.103632877	8.890015874	-1.074475716
1361	hsa-miR-148a	-0.100545679	6.86868432	-1.072178923
3254	hsa-miR-541	-0.097718862	3.981291167	-1.070080152
3304	IVGN-novel-miR_3304	-0.093281934	9.67701554	-1.066794236
2903	hsa-miR-362-3p	-0.091870538	4.691128917	-1.065751096
3054	hsa-miR-301a	-0.091756142	6.813015467	-1.065666591
3601	IVGN-novel-miR_3601	-0.08986499	10.7119017	-1.064270581
3429	IVGN-novel-miR_3429	-0.089482468	7.495224857	-1.063988434
1068	hsa-miR-99a	-0.088989083	3.702098995	-1.063624624
3644	IVGN-novel-miR_3644	-0.088509277	3.897086495	-1.063270947
3303	IVGN-novel-miR_3303	-0.085665679	9.226709446	-1.06117727
3022	hsa-miR-421	-0.082698463	6.1559663	-1.058996971
1321	hsa-miR-196b	-0.082621097	5.817215548	-1.058940183
1002	hsa-miR-330-3p	-0.081079762	10.6207591	-1.057809445
3143	hsa-miR-877	-0.08085177	5.815556423	-1.057642291
1139	hsa-miR-25	-0.080508007	9.678512483	-1.057390307
3611	IVGN-novel-miR_3611	-0.075588003	6.183714843	-1.053790445
1287	hsa-miR-200a	-0.069494795	9.416978897	-1.049349156
3566	IVGN-novel-miR_3566	-0.068001882	12.73092388	-1.048263843
2516	hsa-miR-320	-0.067536886	9.83418217	-1.047926031
3083	hsa-miR-17*	-0.067219625	6.827430564	-1.047695608
2750	hsa-miR-455-5p	-0.06636254	4.430704671	-1.047073372
2005	hsa-miR-130a	-0.065682858	7.842601076	-1.046580191
3404	IVGN-novel-miR_3404	-0.065363134	11.11432501	-1.046348278
3068	hsa-miR-15b*	-0.062765441	2.55357978	-1.044465936
2940	hsa-miR-520g	-0.062765441	2.55357978	-1.044465936
2877	hsa-miR-548c-5p	-0.06184693	2.952617207	-1.043801174
3572	IVGN-novel-miR_3572	-0.061167539	9.225550269	-1.043309745
2231	hsa-miR-493	-0.056948507	4.832960134	-1.040263137
3466	IVGN-novel-miR_3466	-0.055801984	10.82816686	-1.039436758
3616	IVGN-novel-miR_3616	-0.051388498	10.99786058	-1.036261777
3113	hsa-miR-200c*	-0.051353716	4.485995986	-1.036236794
2733	hsa-miR-29a	-0.046176334	11.71433857	-1.032524729
3048	hsa-miR-220c	-0.044910112	3.794888118	-1.031618902
1199	hsa-miR-151-3p	-0.043240627	9.224938995	-1.030425804
2288	hsa-miR-431	-0.038090593	4.514782097	-1.026754018
3296	hsa-miR-182	-0.031154552	9.740119439	-1.021829543
2909	hsa-miR-181d	-0.025213292	8.083250176	-1.01763013
2989	hsa-miR-940	-0.021259026	2.542950267	-1.014844739
2960	hsa-miR-136	-0.014145882	2.710518239	-1.009853407
3210	hsa-miR-192	-0.009005987	5.173344022	-1.006262
3297	hsa-miR-96	-0.008770046	5.562477419	-1.006097447
2257	hsa-miR-191*	0	4.488639962	-1
2289	hsa-miR-542-3p	0	2.52219706	-1
2978	hsa-miR-139-3p	-2.22E-16	2.505591953	-1
3649	IVGN-novel-miR_3649	0.001762261	4.546467959	1.001222253

3084	hsa-miR-29b-1*	0.010447174	7.334348634	1.007267712
3574	IVGN-novel-miR_3574	0.014759189	6.943976855	1.010282798
3498	IVGN-novel-miR_3498	0.015252692	6.228340637	1.010628445
3149	hsa-miR-325	0.016945236	3.026233108	1.011814793
1251	hsa-miR-30d	0.018663175	10.04919704	1.013020364
3244	hsa-miR-647	0.025673067	4.477072292	1.017954492
2999	hsa-miR-342-5p	0.026813005	3.918515106	1.018759142
3074	hsa-let-7a*	0.028291764	4.921036478	1.019803903
1940	hsa-miR-502-5p	0.028508811	4.29854222	1.019957339
3197	hsa-miR-342-3p	0.031895344	6.856609021	1.022354364
2980	hsa-miR-924	0.036889297	2.975875332	1.025899422
2908	hsa-miR-181b	0.0369269	10.81709211	1.025926162
1088	hsa-miR-221	0.040127641	10.9726018	1.028204792
3346	IVGN-novel-miR_3346	0.041240674	12.91720625	1.028998354
2900	hsa-miR-551b*	0.044905071	6.400441858	1.031615297
1878	hsa-miR-138	0.046018799	5.198324284	1.032411988
1485	hsa-miR-27a	0.046330764	11.35125737	1.032635259
1991	hsa-miR-674	0.047836023	7.584038175	1.033713237
2064	hsa-miR-590-5p	0.052583638	3.079887791	1.03712058
3427	IVGN-novel-miR_3427	0.057101322	11.83368155	1.04037333
3211	hsa-miR-345	0.061223586	6.47338189	1.043350277
1988	hsa-miR-548b-3p	0.063643207	3.613007381	1.045101604
3674	IVGN-novel-miR_3674	0.063761165	4.611131558	1.045187057
3237	hsa-miR-31*	0.0655264	4.024248747	1.046466697
3249	hsa-miR-939	0.067426939	5.493346684	1.047846172
1368	hsa-miR-205	0.07978451	12.6935055	1.056860169
2062	hsa-miR-617	0.080355186	4.39258279	1.057278307
3517	IVGN-novel-miR_3517	0.084414018	11.70654291	1.060257007
3436	IVGN-novel-miR_3436	0.085071447	8.670265392	1.060740272
3267	hsa-miR-19a	0.085190518	6.117765432	1.060827822
2196	hsa-miR-485-3p	0.086191186	3.060856083	1.061563878
3246	hsa-miR-30c-1*	0.088171873	5.52303134	1.063022308
1392	hsa-miR-149	0.088810042	7.50021676	1.063492635
3642	IVGN-novel-miR_3642	0.090818975	4.375326422	1.064974565
3245	hsa-miR-30c-2*	0.091088576	5.159169796	1.065173599
3165	hsa-miR-138-2*	0.09749375	2.74068868	1.069913194
2132	hsa-miR-200b	0.097613091	10.45746327	1.070001702
1312	hsa-miR-15a	0.099445097	9.289014649	1.071361306
3180	hsa-miR-770-5p	0.102788169	2.760958725	1.073846787
2985	hsa-miR-423-3p	0.1071909	8.69520378	1.077128895
3376	IVGN-novel-miR_3376	0.108923213	9.06434976	1.078423032
3216	hsa-miR-423-5p	0.109969098	8.711489361	1.07920512
3053	hsa-miR-16-1*	0.110377428	3.884471195	1.079510613
3289	hsa-miR-768-5p	0.11181469	11.22512264	1.080586595
2113	hsa-miR-599	0.11236152	4.849902583	1.080996251
3652	IVGN-novel-miR_3652	0.113130432	7.311692847	1.081572542
1014	hsa-miR-132	0.113474199	6.159528962	1.081830292
3269	hsa-miR-147b	0.114857905	2.430392226	1.082868385
1804	hsa-miR-648	0.114857905	2.430392226	1.082868385
3481	IVGN-novel-miR_3481	0.114857905	2.430392226	1.082868385
3392	IVGN-novel-miR_3392	0.120987952	6.537486172	1.087479309
3540	IVGN-novel-miR_3540	0.121077477	6.196604277	1.087546794
2945	hsa-miR-622	0.121558735	3.177302472	1.087909641
3208	hsa-miR-183*	0.12182489	5.314536567	1.088110362
3548	IVGN-novel-miR_3548	0.12454272	5.944635177	1.090162138
3266	hsa-miR-19b	0.12697155	9.718814588	1.091999011
3455	IVGN-novel-miR_3455	0.132628679	2.61989412	1.096289389

3357	IVGN-novel-miR_3357	0.132893992	9.43000683	1.096491017
3127	hsa-miR-302a	0.145953174	4.014815031	1.10646144
2278	hsa-miR-654-5p	0.150479719	6.739165428	1.109938483
3094	hsa-miR-509-3p	0.15061665	4.92197604	1.110043836
1879	hsa-miR-626	0.156231065	4.594429252	1.114372117
3520	IVGN-novel-miR_3520	0.158679624	5.28659577	1.116265048
3191	hsa-miR-187	0.160365428	5.683740477	1.117570178
1183	hsa-miR-331-3p	0.16041279	6.070883327	1.117606867
3613	IVGN-novel-miR_3613	0.16391772	8.489636997	1.120325318
3114	hsa-miR-33a	0.169345794	4.382241989	1.12454843
3038	hsa-miR-424*	0.16976928	3.081723316	1.124878576
3679	IVGN-novel-miR_3679	0.173823142	9.278330587	1.128043844
3125	hsa-miR-302d	0.17525236	4.11278569	1.129161903
2281	hsa-miR-30c	0.175368902	8.050704113	1.129253122
1458	hsa-miR-299-5p	0.176909367	4.058729589	1.130459547
3142	hsa-miR-890	0.178099593	3.695878008	1.131392563
3502	IVGN-novel-miR_3502	0.178208384	13.27536669	1.131477883
3463	IVGN-novel-miR_3463	0.183312971	12.59708035	1.135488402
3181	hsa-miR-532-3p	0.184276394	5.2518825	1.136246928
3310	IVGN-novel-miR_3310	0.186128818	12.9125802	1.137706809
2134	hsa-miR-429	0.187450972	6.090624985	1.138749935
3442	IVGN-novel-miR_3442	0.190171942	5.485045873	1.140899681
3306	IVGN-novel-miR_3306	0.197320902	12.72188295	1.146567191
3176	hsa-miR-222*	0.198249971	3.856861608	1.147305797
2088	hsa-miR-601	0.198494668	6.337671287	1.147500409
3214	hsa-miR-143	0.200933152	4.704059758	1.149441587
3639	IVGN-novel-miR_3639	0.201416756	8.346283878	1.149826954
3696	IVGN-novel-miR_3696	0.202999458	4.081175131	1.151089059
2943	hsa-miR-125a-3p	0.203683571	4.068188613	1.151635025
3039	hsa-miR-93	0.208311081	9.801303206	1.155334877
3248	hsa-miR-612	0.208474992	4.689369525	1.155466147
3355	IVGN-novel-miR_3355	0.211104775	12.91091834	1.157574282
3282	hsa-miR-579	0.213266569	4.382006677	1.15931014
3506	IVGN-novel-miR_3506	0.214591022	11.60098375	1.160374922
3108	hsa-miR-193b*	0.215524829	5.075103696	1.161126236
2898	hsa-miR-520d-3p	0.216297813	4.966233638	1.161748525
1910	hsa-miR-512-3p	0.216596645	4.517638597	1.161989188
2841	hsa-miR-766	0.222865287	8.50644723	1.167049123
3203	hsa-miR-432	0.226030061	6.483193792	1.169612035
3512	IVGN-novel-miR_3512	0.229577096	8.231198229	1.172491201
3097	hsa-miR-455-3p	0.231246554	10.04392276	1.17384877
2267	hsa-miR-449a	0.232036473	6.203805552	1.174491664
3459	IVGN-novel-miR_3459	0.233271414	12.00806704	1.175497454
3488	IVGN-novel-miR_3488	0.235479305	13.23471915	1.177297805
3675	IVGN-novel-miR_3675	0.236405748	5.281675664	1.178054062
3411	IVGN-novel-miR_3411	0.237554971	12.6714661	1.178992852
3647	IVGN-novel-miR_3647	0.239285255	13.68918502	1.180407715
3066	hsa-miR-875-3p	0.239544956	3.423958943	1.18062022
2939	hsa-miR-33a*	0.239544956	2.913191762	1.18062022
3145	hsa-miR-29b	0.245915233	7.218953647	1.185844822
3377	IVGN-novel-miR_3377	0.248539135	5.213787706	1.18800354
3682	IVGN-novel-miR_3682	0.251273665	13.31496939	1.190257455
1880	hsa-miR-671-5p	0.253174442	4.323014141	1.191826674
1442	hsa-miR-24-1*	0.254781913	4.5698388	1.193155365
2125	hsa-miR-18b	0.256702676	8.237767606	1.194744955
3683	IVGN-novel-miR_3683	0.265092753	3.973220019	1.201713307
3241	hsa-miR-122	0.268115005	7.734974535	1.204233373

3557	IVGN-novel-miR_3557	0.26869119	10.21606439	1.204714417
1911	hsa-miR-491-5p	0.271222224	2.657808172	1.206829798
2902	hsa-miR-338-5p	0.273827772	4.127457144	1.209011336
3221	hsa-miR-508-3p	0.277199136	4.716008623	1.21183992
3240	hsa-miR-206	0.277933312	8.141835891	1.212456772
2915	hsa-miR-193b	0.279122404	8.052431752	1.21345651
3424	IVGN-novel-miR_3424	0.280203776	11.498387	1.214366397
3044	hsa-miR-195*	0.28269894	5.833687723	1.216468481
3503	IVGN-novel-miR_3503	0.287684218	13.29545128	1.220679297
3055	hsa-miR-301b	0.29248125	2.307204673	1.224744871
3132	hsa-miR-524-5p	0.29248125	2.307204673	1.224744871
3273	hsa-miR-744*	0.29248125	2.307204673	1.224744871
3530	IVGN-novel-miR_3530	0.29248125	2.307204673	1.224744871
2810	hsa-miR-193a-5p	0.2929396	5.385455838	1.225134039
3446	IVGN-novel-miR_3446	0.293324228	7.290424	1.225460708
3253	hsa-miR-675	0.294042499	5.309877912	1.226070977
2239	hsa-miR-610	0.296219549	5.73021296	1.227922534
3475	IVGN-novel-miR_3475	0.299420512	12.67419576	1.230649999
3231	hsa-miR-146b-3p	0.312646827	3.890422208	1.241984206
2757	hsa-miR-128a;hsa-miR-128b	0.313093497	5.865892372	1.242368794
3057	hsa-miR-490-5p	0.315758601	2.770682079	1.244665955
3002	hsa-miR-431*	0.316744054	2.947807582	1.245516431
3265	hsa-miR-134	0.318171057	2.762608214	1.246749009
3285	hsa-miR-519e*	0.322245208	4.426279972	1.250274788
3075	hsa-let-7f-1*	0.328022799	2.686208459	1.255291829
1771	hsa-miR-520a-3p	0.328022799	2.686208459	1.255291829
3172	hsa-miR-483-3p	0.332392522	6.609889854	1.259099697
3412	IVGN-novel-miR_3412	0.33277616	13.58666859	1.259434558
2594	hsa-miR-222	0.333275665	10.21128246	1.259870688
2249	hsa-miR-571	0.337787983	5.184459891	1.263817355
3063	hsa-miR-125a-5p	0.339838266	8.733103448	1.265614704
3413	IVGN-novel-miR_3413	0.34198246	12.97058409	1.267497112
3112	hsa-miR-934	0.344627906	2.785116731	1.269823432
3051	hsa-miR-589*	0.344627906	2.677905906	1.269823432
3233	hsa-miR-214*	0.34525355	4.915464877	1.270374228
1850	hsa-miR-18a*	0.346697383	6.018373952	1.27164624
3627	IVGN-novel-miR_3627	0.350140942	12.44414103	1.274685149
3680	IVGN-novel-miR_3680	0.351749175	10.05059538	1.276106888
1990	hsa-miR-603	0.352243008	3.957965725	1.276543772
3563	IVGN-novel-miR_3563	0.353804886	8.031039674	1.277926521
2108	hsa-miR-632	0.354951952	5.665561781	1.278942987
3361	IVGN-novel-miR_3361	0.355997196	4.467318525	1.279869926
2954	hsa-miR-105*	0.361579897	4.16942991	1.284832149
3238	hsa-miR-370	0.361692077	6.54317869	1.284932058
2240	hsa-miR-558	0.361864744	3.143869632	1.285085852
2083	hsa-miR-449b	0.362089503	6.140159733	1.285286073
1487	hsa-miR-197	0.362584848	6.393697019	1.285727448
2998	hsa-miR-625	0.364554933	8.73115184	1.287484383
1247	hsa-miR-34a	0.364633408	7.723440727	1.287554418
3504	IVGN-novel-miR_3504	0.367979769	12.98705209	1.290544393
3013	hsa-miR-194*	0.376980041	5.790061	1.298620637
3402	IVGN-novel-miR_3402	0.37776803	9.923689262	1.299330127
3487	IVGN-novel-miR_3487	0.383005799	12.66685113	1.304055977
2080	hsa-miR-539	0.385022766	6.677557036	1.305880394
3384	IVGN-novel-miR_3384	0.385455235	12.50795515	1.306271909
2936	hsa-miR-425	0.386088543	8.089842441	1.306845456
2979	hsa-miR-27b*	0.387216654	6.77819194	1.307867741

3505	IVGN-novel-miR_3505	0.387254524	11.42870375	1.307902072
3263	hsa-miR-346	0.388632441	4.160603694	1.309151844
2191	hsa-miR-484	0.39132672	7.637237466	1.311599012
3698	IVGN-novel-miR_3698	0.395158679	13.18569885	1.315087396
3232	hsa-miR-661	0.396076188	5.704366511	1.315924017
1179	hsa-miR-181a*	0.401547474	5.488006377	1.32092401
3403	IVGN-novel-miR_3403	0.41360756	9.887264301	1.332012443
1282	hsa-miR-106b	0.414436533	10.66848098	1.332778038
3322	IVGN-novel-miR_3322	0.416012936	12.65637104	1.334235133
3418	IVGN-novel-miR_3418	0.416324476	4.936897632	1.334523283
2921	hsa-miR-99b*	0.417041042	6.945741874	1.335186287
3551	IVGN-novel-miR_3551	0.421216723	13.32890604	1.339056396
3298	hsa-miR-450b-5p	0.423998453	3.457925775	1.341640786
3175	hsa-miR-545*	0.423998453	3.457925775	1.341640786
3553	IVGN-novel-miR_3553	0.424101063	12.40838852	1.341736213
2996	hsa-miR-27a*	0.426260447	6.522176962	1.343745988
3423	IVGN-novel-miR_3423	0.428559266	10.74531503	1.345888846
3654	IVGN-novel-miR_3654	0.435037636	7.002679468	1.351946101
3457	IVGN-novel-miR_3457	0.43647896	12.32712154	1.353297437
3099	hsa-miR-24-2*	0.436511682	6.339956061	1.353328132
3360	IVGN-novel-miR_3360	0.437234559	2.30357978	1.354006401
3406	IVGN-novel-miR_3406	0.437234559	2.30357978	1.354006401
3026	hsa-miR-188-5p	0.438852387	6.298530594	1.355525626
3300	hsa-miR-129-5p	0.441575384	6.530517736	1.358086512
3666	IVGN-novel-miR_3666	0.441829746	10.92407156	1.358325978
3609	IVGN-novel-miR_3609	0.442558638	4.014266625	1.359012417
3669	IVGN-novel-miR_3669	0.443837355	12.95035294	1.360217497
3691	IVGN-novel-miR_3691	0.446191641	12.87761197	1.362439003
3236	hsa-miR-744	0.44866255	6.736372963	1.364774457
2922	hsa-miR-28-5p	0.450664732	7.838493263	1.366669814
2884	hsa-miR-641	0.451845096	5.202245818	1.367788434
1865	hsa-miR-383	0.452620424	6.184526452	1.368523704
3385	IVGN-novel-miR_3385	0.455272013	12.30973061	1.371041284
3118	hsa-miR-23a*	0.455463082	5.081319855	1.371222875
2864	hsa-miR-765	0.456880248	9.866034817	1.372570496
3198	hsa-miR-518c*	0.458456783	2.564190892	1.37407122
1063	hsa-miR-99b	0.459316091	8.203547107	1.374889897
3166	hsa-miR-105	0.459831983	3.382780254	1.375381632
3386	IVGN-novel-miR_3386	0.462244336	12.34799825	1.377683353
3110	hsa-miR-616	0.47938446	3.155136754	1.394148712
2977	hsa-miR-219-2-3p	0.480128093	5.856865246	1.394867508
3333	IVGN-novel-miR_3333	0.481310715	3.872081067	1.396011392
3255	hsa-miR-876-3p	0.481407098	5.516030571	1.39610466
1377	hsa-miR-127-3p	0.489068133	6.310800653	1.403538009
3550	IVGN-novel-miR_3550	0.489955878	13.09052006	1.404401924
2280	hsa-miR-30b	0.491604995	10.42983196	1.406008187
3199	hsa-miR-330-5p	0.499081109	4.396724828	1.413313099
3391	IVGN-novel-miR_3391	0.499779359	13.02279377	1.413997294
3179	hsa-miR-198	0.500656167	3.95461719	1.414856922
3188	hsa-miR-877*	0.501978386	7.71556681	1.416154222
3407	IVGN-novel-miR_3407	0.504071156	12.50735183	1.418209983
3483	IVGN-novel-miR_3483	0.506949221	5.342091313	1.421042025
3491	IVGN-novel-miR_3491	0.507220183	4.818372373	1.421308946
3299	hsa-miR-335*	0.507607111	3.331992392	1.421690189
3252	hsa-miR-379	0.509886743	3.289649098	1.423938407
3219	hsa-miR-574-5p	0.511953521	11.40395471	1.425979776
3501	IVGN-novel-miR_3501	0.516227425	7.392388686	1.430210425

3514	IVGN-novel-miR_3514	0.517205835	12.3915374	1.431180698
3218	hsa-miR-672	0.517605164	9.386677912	1.431576895
3425	IVGN-novel-miR_3425	0.518058527	11.16191387	1.432026835
3015	hsa-miR-101*	0.518102124	4.025236753	1.432070109
1863	hsa-miR-485-5p	0.519175132	6.81572649	1.433135612
3607	IVGN-novel-miR_3607	0.520598378	13.16679425	1.434550124
3293	hsa-miR-30d*	0.522761067	3.446878735	1.436702217
3419	IVGN-novel-miR_3419	0.523821988	11.74691354	1.437759119
3317	IVGN-novel-miR_3317	0.525119332	9.903256281	1.439052605
3573	IVGN-novel-miR_3573	0.528407336	12.89438607	1.442336048
3135	hsa-miR-140-3p	0.528683049	4.894172905	1.44261172
3115	hsa-miR-92a-2*	0.53450741	3.292858904	1.448447516
3556	IVGN-novel-miR_3556	0.538079715	6.982217777	1.452038509
2967	hsa-miR-422a	0.538492406	2.471632723	1.452453932
3336	IVGN-novel-miR_3336	0.539001256	3.515427176	1.452966315
3256	hsa-miR-29b-2*	0.540309507	6.749679355	1.454284477
3247	hsa-miR-30b*	0.55926575	7.292980698	1.473519089
3547	IVGN-novel-miR_3547	0.559925209	4.122250006	1.474192792
3147	hsa-miR-331-5p	0.562262304	4.32648914	1.476582846
3476	IVGN-novel-miR_3476	0.562404975	7.275443715	1.476728876
3645	IVGN-novel-miR_3645	0.5628855	4.489371958	1.477220818
3390	IVGN-novel-miR_3390	0.565044922	12.76136018	1.479433574
3045	hsa-miR-32*	0.567939438	8.002629392	1.48240478
3195	hsa-miR-517*	0.570536375	3.998508712	1.485075599
1784	hsa-miR-490-3p	0.570551819	3.943120266	1.485091497
3500	IVGN-novel-miR_3500	0.576517362	9.801548621	1.491245063
3582	IVGN-novel-miR_3582	0.576844838	11.77066192	1.491583598
3399	IVGN-novel-miR_3399	0.580639453	12.49151081	1.495511965
3271	hsa-miR-147	0.586390169	4.202311841	1.501485112
3000	hsa-miR-608	0.592457918	8.306829159	1.50781342
2997	hsa-miR-185*	0.592665317	7.49257305	1.508030196
3410	IVGN-novel-miR_3410	0.593889011	11.7887362	1.50930985
3531	IVGN-novel-miR_3531	0.593934081	12.48153164	1.509357002
3510	IVGN-novel-miR_3510	0.600064498	5.262727065	1.515784331
3681	IVGN-novel-miR_3681	0.605832095	10.6169397	1.521856252
3469	IVGN-novel-miR_3469	0.605918609	10.00117139	1.521947516
2930	hsa-miR-382	0.612010627	7.014107585	1.528387779
1995	hsa-miR-497	0.614044868	5.818164371	1.53054437
3397	IVGN-novel-miR_3397	0.616692132	12.55815443	1.53335541
3001	hsa-miR-296-3p	0.617384709	8.373396245	1.534091686
2917	hsa-miR-483-5p	0.618578583	9.309217867	1.535361719
3570	IVGN-novel-miR_3570	0.618979867	11.78718711	1.535788837
2221	hsa-miR-645	0.619960066	6.413485252	1.536832641
2919	hsa-miR-129*	0.621727018	3.85459493	1.538716042
3539	IVGN-novel-miR_3539	0.621837326	5.170501981	1.538833697
1805	hsa-miR-595	0.622583998	9.430530469	1.539630332
3078	hsa-miR-452*	0.623931929	7.558324506	1.541069502
3375	IVGN-novel-miR_3375	0.625308907	3.469189767	1.542541076
2941	hsa-miR-602	0.643727209	2.364344855	1.562360315
1993	hsa-miR-424	0.65308869	7.286594536	1.572531253
3630	IVGN-novel-miR_3630	0.65798334	8.019323663	1.577875461
1959	hsa-miR-532-5p	0.659426186	4.852190378	1.579454291
3670	IVGN-novel-miR_3670	0.661355351	13.47511711	1.581567742
3353	IVGN-novel-miR_3353	0.662429647	11.43284147	1.582745888
3389	IVGN-novel-miR_3389	0.663241433	6.390821486	1.583636729
3697	IVGN-novel-miR_3697	0.668133393	12.19744988	1.589015716
3447	IVGN-novel-miR_3447	0.679579281	11.07203539	1.601672607

3091	hsa-miR-202	0.681540167	4.205740231	1.603851052
1884	hsa-miR-564	0.682069858	4.077886847	1.604440021
3251	hsa-miR-150*	0.689255812	2.505591953	1.61245155
2932	hsa-miR-34b	0.689255812	2.505591953	1.61245155
3561	IVGN-novel-miR_3561	0.689967412	5.058946353	1.613247078
3651	IVGN-novel-miR_3651	0.69953286	5.199919159	1.623978868
3543	IVGN-novel-miR_3543	0.702563964	9.460267224	1.627394437
3141	hsa-miR-138-1*	0.704467351	7.860750911	1.629542919
3529	IVGN-novel-miR_3529	0.704682686	3.976471558	1.629786162
3171	hsa-miR-768-3p	0.704719484	11.13711726	1.629827732
3330	IVGN-novel-miR_3330	0.709059579	13.09206177	1.634738165
3673	IVGN-novel-miR_3673	0.712412935	13.1976179	1.63854232
3011	hsa-miR-550	0.715793686	3.554936701	1.642386513
3460	IVGN-novel-miR_3460	0.717510066	11.52109258	1.64434163
3415	IVGN-novel-miR_3415	0.718140586	12.03202878	1.645060435
3632	IVGN-novel-miR_3632	0.723380812	10.02954851	1.651046567
3194	hsa-miR-522*;hsa-miR-519a*;hsa-miR-519c-5p;hsa-miR-519b-5p;hsa-miR-523*;hsa-miR-518e*	0.723729488	2.884061804	1.651445648
3400	IVGN-novel-miR_3400	0.724665058	4.764683414	1.652516937
3186	hsa-miR-671-3p	0.73064144	3.851848377	1.659376707
1782	hsa-miR-634	0.733672888	5.507536932	1.662867121
3562	IVGN-novel-miR_3562	0.743509502	4.920077094	1.674243657
2885	hsa-miR-583	0.745227336	4.560443308	1.676238386
3134	hsa-miR-187*	0.746338306	2.860990332	1.677529697
3593	IVGN-novel-miR_3593	0.749827478	10.9249212	1.681591729
2946	hsa-miR-220b	0.750916897	6.051060123	1.682862024
2931	hsa-miR-34c-3p	0.752644657	2.729857281	1.684878614
3351	IVGN-novel-miR_3351	0.753866323	11.91441381	1.686305964
2911	hsa-miR-122*	0.761780978	3.78456795	1.695582496
1052	hsa-miR-367	0.765257358	2.46759118	1.699673171
3325	IVGN-novel-miR_3325	0.765293133	3.751015687	1.699715319
3401	IVGN-novel-miR_3401	0.765505432	12.26905635	1.699965458
3342	IVGN-novel-miR_3342	0.766737149	9.829458919	1.701417442
2948	hsa-miR-665	0.767413337	4.861945774	1.702215079
3207	hsa-miR-573	0.767989606	3.528838741	1.702895147
3508	IVGN-novel-miR_3508	0.769454969	10.66808044	1.704625677
3106	hsa-miR-23b*	0.770588445	7.185292573	1.705965469
3672	IVGN-novel-miR_3672	0.775469736	12.42748713	1.711747298
3440	IVGN-novel-miR_3440	0.775912238	6.879304661	1.712272405
3381	IVGN-novel-miR_3381	0.77760491	6.61811656	1.714282543
3073	hsa-miR-921	0.777716845	6.841799436	1.714415555
3631	IVGN-novel-miR_3631	0.78599143	9.350765095	1.724276848
3473	IVGN-novel-miR_3473	0.791592917	8.106083559	1.730984633
3528	IVGN-novel-miR_3528	0.798748779	8.284894537	1.739591758
1242	hsa-miR-184	0.809249849	5.62480841	1.752300071
3490	IVGN-novel-miR_3490	0.826798625	12.85996288	1.773745009
2955	hsa-miR-125b-1*	0.833145324	7.723219181	1.781565251
2881	hsa-miR-543	0.835135943	2.630505232	1.784025137
3628	IVGN-novel-miR_3628	0.83676983	7.31529334	1.786046733
3480	IVGN-novel-miR_3480	0.83738373	13.26993321	1.786806899
2180	hsa-miR-299-3p	0.849725193	3.209224633	1.802157614
3523	IVGN-novel-miR_3523	0.855477307	14.18616735	1.809357272
3581	IVGN-novel-miR_3581	0.859820418	3.263184832	1.814812394
3688	IVGN-novel-miR_3688	0.869129873	2.803516903	1.826560921
3694	IVGN-novel-miR_3694	0.870046107	5.947658442	1.827721312
2958	hsa-miR-371-5p	0.873468066	3.740920498	1.832061668

3509	IVGN-novel-miR_3509	0.8783559	12.63609961	1.838279199
3568	IVGN-novel-miR_3462	0.885836071	13.62490861	1.847835169
3320	IVGN-novel-miR_3568	0.898542999	12.58916432	1.864182364
3072	IVGN-novel-miR_3320	0.908121809	12.79557313	1.876600831
3323	hsa-miR-621	0.911993075	3.418933798	1.881643182
2560	IVGN-novel-miR_3323	0.913070488	5.611503605	1.88304893
3458	hsa-miR-214	0.91416682	8.429210878	1.884480439
3102	IVGN-novel-miR_3458	0.919253875	11.96088652	1.891136993
3565	hsa-miR-145*	0.923441643	4.950360783	1.896634446
3105	IVGN-novel-miR_3565	0.924316193	13.29829013	1.897784519
3438	hsa-miR-486-3p	0.952374253	2.69042083	1.935054571
3624	IVGN-novel-miR_3438	0.961245035	12.13972288	1.946989408
3394	IVGN-novel-miR_3624	0.962223827	8.521185589	1.948310784
2230	IVGN-novel-miR_3394	0.975628546	11.47848779	1.966497764
2059	hsa-miR-494	0.98642424	9.161052596	1.981268272
1817	hsa-miR-29c*	0.991214806	6.265186808	1.98785814
2976	hsa-miR-487b	1.000288828	2.837205716	2.000400441
3629	hsa-miR-302d*	1.02186571	2.883896129	2.030543185
1756	IVGN-novel-miR_3629	1.031411669	12.10867243	2.044023339
3162	hsa-miR-649	1.038803437	3.741768958	2.054522937
2993	hsa-miR-654-3p	1.042211956	3.414808947	2.059382702
3450	hsa-miR-92b*	1.051696022	6.307632845	2.072965379
3047	IVGN-novel-miR_3450	1.056833232	12.66310061	2.080360041
3441	hsa-miR-220	1.057738609	2.321350555	2.081665999
3315	IVGN-novel-miR_3441	1.066411961	6.584832272	2.094218482
3677	IVGN-novel-miR_3315	1.081343531	4.708777852	2.116005725
3689	IVGN-novel-miR_3677	1.088785698	12.45086969	2.126949379
3485	IVGN-novel-miR_3689	1.103004647	9.625557857	2.148015862
1871	IVGN-novel-miR_3485	1.104713398	7.973567313	2.150561514
3486	hsa-miR-575	1.110535237	5.285963376	2.159257405
3596	IVGN-novel-miR_3486	1.125384702	6.097570034	2.181597122
3462	IVGN-novel-miR_3596	1.150849688	7.455600925	2.220446311
1891	hsa-miR-663	1.181753089	4.670812213	2.268522689
3461	IVGN-novel-miR_3461	1.182462718	3.300795999	2.269638798
1775	hsa-miR-216b	1.185797241	3.426173243	2.274890716
1182	hsa-miR-125b	1.193938645	9.685315971	2.28776465
3494	IVGN-novel-miR_3494	1.198850915	12.79764887	2.295567597
3474	IVGN-novel-miR_3474	1.199993848	2.44807628	2.297386913
2994	hsa-miR-149*	1.209941878	9.300666875	2.31328317
1820	hsa-miR-409-3p	1.210833504	3.099112257	2.314713287
1169	hsa-miR-142-5p	1.213817141	4.629012777	2.319505297
3334	IVGN-novel-miR_3334	1.218219904	4.959329811	2.326594689
3448	IVGN-novel-miR_3448	1.229523916	12.1263461	2.344895965
1933	hsa-miR-376a	1.235622734	3.270271174	2.354829709
3398	IVGN-novel-miR_3398	1.242409153	3.654168816	2.365932891
2982	hsa-miR-298	1.259340132	2.964632567	2.39386224
3393	IVGN-novel-miR_3393	1.259796951	12.22417919	2.394620359
3301	IVGN-novel-miR_3301	1.263219323	2.713585178	2.400307639
2944	hsa-miR-936	1.283331763	7.061108283	2.434004379
3472	IVGN-novel-miR_3472	1.283901406	13.21733838	2.434965626
3318	IVGN-novel-miR_3318	1.294880971	12.04937919	2.453567515
3338	IVGN-novel-miR_3338	1.306345799	12.86433188	2.473143237
1934	hsa-miR-376b	1.31523858	3.507839149	2.488434788
3379	IVGN-novel-miR_3379	1.320077576	3.928216001	2.49679535
3479	IVGN-novel-miR_3479	1.344258952	10.95924925	2.53899746
3623	IVGN-novel-miR_3623	1.349395204	12.13784174	2.548052855
3451	IVGN-novel-miR_3451	1.350061721	2.671244181	2.549230313

3308	IVGN-novel-miR_3308	1.359918669	4.132486168	2.566707094
3499	IVGN-novel-miR_3499	1.368783788	12.95416312	2.582527636
3396	IVGN-novel-miR_3396	1.36898716	11.74178523	2.582891713
2899	hsa-miR-148a*	1.388687107	3.226392356	2.618402903
3223	hsa-miR-891a	1.396201755	3.116396712	2.63207711
3222	hsa-miR-518a-5p;hsa-miR-527	1.401834938	5.558040228	2.642374473
2986	hsa-miR-492	1.441444345	3.604548865	2.715926326
3535	IVGN-novel-miR_3535	1.444248391	11.81710507	2.72121018
3426	IVGN-novel-miR_3426	1.448781929	12.20110194	2.729774785
1064	hsa-miR-100	1.472845624	9.043823658	2.775688408
2221	hsa-miR-574	1.479478359	2.216712918	2.783666671
3382	IVGN-novel-miR_3382	1.540756879	12.54418546	2.909471025
3174	hsa-miR-923	1.590118794	11.95744308	3.010741394
3337	IVGN-novel-miR_3337	1.680139231	13.02249201	3.204588763
3354	IVGN-novel-miR_3354	1.682456698	12.83262294	3.209740576
1409	hsa-miR-146a	1.7022213	7.711808659	3.254015899
3383	IVGN-novel-miR_3383	1.72520119	12.19813711	3.306262313
3311	IVGN-novel-miR_3311	1.728572828	9.133790266	3.313998221
2969	hsa-miR-637	1.664242579	5.624555011	3.369472123
3104	hsa-miR-920	1.704438653	4.138110305	3.45902101
3319	IVGN-novel-miR_3319	1.804272817	12.86065686	3.492530747
2995	hsa-miR-638	1.739275105	7.006930676	3.53867371
3578	IVGN-novel-miR_3578	1.836212671	3.503068836	3.570714214
2108	hsa-miR-760	1.835925234	5.553666477	3.670002869
3699	IVGN-novel-miR_3699	1.881456836	13.59851347	3.684469309
1752	hsa-miR-495	1.890302771	3.479501154	3.707130161
3695	IVGN-novel-miR_3695	1.891360814	10.18651939	3.709849892
3000	hsa-miR-199	1.841983152	6.811339926	3.785024931
3001	hsa-miR-296-3p	1.851282698	7.031256755	3.808208478
3445	IVGN-novel-miR_3445	1.971388473	12.81061454	3.921453444
1865	hsa-miR-383	1.908258054	5.247314146	3.953556123
3316	IVGN-novel-miR_3316	2.008446286	12.45067968	4.023486761
3701	IVGN-novel-miR_3701	2.009491202	13.55918162	4.026401952
3279	hsa-miR-513-5p	2.066422302	6.909196392	4.188466986
3327	IVGN-novel-miR_3327	2.068295601	11.65005823	4.193909126
3003	hsa-miR-323-5p	1.966364588	6.325853176	4.207821548
2239	hsa-miR-610	1.985860891	6.056566665	4.460989539
2942	hsa-miR-10b*	2.165458439	3.08272922	4.486089611
3331	IVGN-novel-miR_3331	2.188257523	13.08539536	4.557546965
1863	hsa-miR-485-5p	2.026754847	6.403646005	4.674872296
3219	hsa-miR-574	2.127060397	9.659077196	4.768265052
3309	IVGN-novel-miR_3309	2.256395852	12.9355193	4.777963562
3345	IVGN-novel-miR_3345	2.282858731	12.47145384	4.86641289
3007	hsa-miR-453	1.697440567	5.632177655	4.943250744
2905	hsa-miR-376c	2.356379219	3.405909979	5.120835514
2993	hsa-miR-92b	2.164699167	5.182359415	5.583729262
1189	hsa-miR-297	2.164905183	8.527502041	5.784369581
2997	hsa-miR-185	2.279315782	7.245108502	5.954476689
3218	hsa-miR-672	2.314449167	8.61604513	6.07414708
1805	hsa-miR-595	2.442219943	8.799414915	6.13477362
3608	IVGN-novel-miR_3608	2.642054883	12.63057968	6.242201302
2988	hsa-miR-885-3p	2.645093985	7.978912096	6.25536464
3013	hsa-miR-194	2.664444411	5.488367941	6.339831123
3387	IVGN-novel-miR_3387	2.69257818	13.10581201	6.464676512
3537	hsa-miR-630	2.899184096	11.98115442	7.460043774