

# Participation of microRNAs in human interactome: extraction of microRNA-microRNA regulations

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## 1. Predicted miRNA-miRNA regulations which are also validated:

Among 2237 miRNA-miRNA directed regulations which were mined from the validated miRNA-Gene network, 1139 were found present in the predicted regulations. See the paper for further information.

Regulating miRNA	Regulated miRNA	Scaled shortest path score
hsa-let-7a	hsa-let-7b	0.405718
hsa-let-7a	hsa-let-7c	0.315541
hsa-let-7a	hsa-mir-101	0.291502
hsa-let-7a	hsa-mir-106a	0.35122
hsa-let-7a	hsa-mir-125b	0.46105
hsa-let-7a	hsa-mir-137	0.319901
hsa-let-7a	hsa-mir-15b	0.236858
hsa-let-7a	hsa-mir-16	0.236858
hsa-let-7a	hsa-mir-17	0.524111
hsa-let-7a	hsa-mir-181b	0.360118
hsa-let-7a	hsa-mir-192	0.562707
hsa-let-7a	hsa-mir-196a	0.361096
hsa-let-7a	hsa-mir-19a	0.524111
hsa-let-7a	hsa-mir-19b	0.524111
hsa-let-7a	hsa-mir-200b	0.407569
hsa-let-7a	hsa-mir-20a	0.524111
hsa-let-7a	hsa-mir-20b	0.35122
hsa-let-7a	hsa-mir-21	0.333237
hsa-let-7a	hsa-mir-210	0.673493
hsa-let-7a	hsa-mir-221	0.637198
hsa-let-7a	hsa-mir-222	0.637198
hsa-let-7a	hsa-mir-223	0.32861
hsa-let-7a	hsa-mir-224	0.572529
hsa-let-7a	hsa-mir-23a	0.320292

hsa-let-7a	hsa-mir-23b	0.329374
hsa-let-7a	hsa-mir-24	0.320292
hsa-let-7a	hsa-mir-26a	0.273228
hsa-let-7a	hsa-mir-27a	0.320292
hsa-let-7a	hsa-mir-29a	0.221324
hsa-let-7a	hsa-mir-29b	0.685352
hsa-let-7a	hsa-mir-29c	0.475052
hsa-let-7a	hsa-mir-34a	0.540252
hsa-let-7a	hsa-mir-372	0.338674
hsa-let-7a	hsa-mir-373	0.338674
hsa-let-7a	hsa-mir-376a	0.363113
hsa-let-7a	hsa-mir-9	0.458243
hsa-let-7a	hsa-mir-146a	0.269481
hsa-let-7a	hsa-mir-146b	0.408955
hsa-let-7a	hsa-mir-18a	0.524111
hsa-let-7a	hsa-mir-18b	0.35122
hsa-let-7a	hsa-mir-363	0.35122
hsa-let-7a	hsa-mir-92a	0.524111
hsa-let-7a	hsa-let-7d	0.287205
hsa-let-7a	hsa-let-7e	0.348932
hsa-let-7a	hsa-let-7f	0.268512
hsa-let-7a	hsa-mir-194	0.562707
hsa-let-7a	hsa-mir-195	0.586646
hsa-let-7a	hsa-mir-215	0.528602
hsa-let-7a	hsa-mir-519c	0.291712
hsa-let-7a	hsa-mir-148a	0.363275
hsa-let-7a	hsa-mir-152	0.576844
hsa-let-7b	hsa-let-7a	0.42881
hsa-let-7b	hsa-let-7c	0.315541
hsa-let-7b	hsa-mir-101	0.291502
hsa-let-7b	hsa-mir-106a	0.35122
hsa-let-7b	hsa-mir-125b	0.46105
hsa-let-7b	hsa-mir-137	0.319901
hsa-let-7b	hsa-mir-15b	0.236858
hsa-let-7b	hsa-mir-16	0.236858
hsa-let-7b	hsa-mir-17	0.524111
hsa-let-7b	hsa-mir-181b	0.360118
hsa-let-7b	hsa-mir-192	0.562707
hsa-let-7b	hsa-mir-196a	0.361096
hsa-let-7b	hsa-mir-19a	0.524111
hsa-let-7b	hsa-mir-19b	0.524111
hsa-let-7b	hsa-mir-200b	0.407569
hsa-let-7b	hsa-mir-20a	0.524111

hsa-let-7b	hsa-mir-20b	0.35122
hsa-let-7b	hsa-mir-21	0.333237
hsa-let-7b	hsa-mir-210	0.673493
hsa-let-7b	hsa-mir-221	0.637198
hsa-let-7b	hsa-mir-222	0.637198
hsa-let-7b	hsa-mir-223	0.32861
hsa-let-7b	hsa-mir-224	0.572529
hsa-let-7b	hsa-mir-23a	0.320292
hsa-let-7b	hsa-mir-23b	0.329374
hsa-let-7b	hsa-mir-24	0.320292
hsa-let-7b	hsa-mir-26a	0.273228
hsa-let-7b	hsa-mir-27a	0.320292
hsa-let-7b	hsa-mir-29a	0.221324
hsa-let-7b	hsa-mir-29b	0.685352
hsa-let-7b	hsa-mir-29c	0.475052
hsa-let-7b	hsa-mir-34a	0.540252
hsa-let-7b	hsa-mir-372	0.338674
hsa-let-7b	hsa-mir-373	0.338674
hsa-let-7b	hsa-mir-376a	0.363113
hsa-let-7b	hsa-mir-9	0.458243
hsa-let-7b	hsa-mir-146a	0.269481
hsa-let-7b	hsa-mir-146b	0.408955
hsa-let-7b	hsa-mir-18a	0.524111
hsa-let-7b	hsa-mir-18b	0.35122
hsa-let-7b	hsa-mir-363	0.35122
hsa-let-7b	hsa-mir-92a	0.524111
hsa-let-7b	hsa-let-7d	0.287205
hsa-let-7b	hsa-let-7e	0.348932
hsa-let-7b	hsa-let-7f	0.268512
hsa-let-7b	hsa-mir-194	0.562707
hsa-let-7b	hsa-mir-195	0.586646
hsa-let-7b	hsa-mir-215	0.528602
hsa-let-7b	hsa-mir-519c	0.291712
hsa-let-7b	hsa-mir-148a	0.363275
hsa-let-7b	hsa-mir-152	0.576844
hsa-let-7i	hsa-mir-9	0.458243
hsa-mir-1	hsa-mir-222	0.505535
hsa-mir-1	hsa-mir-376a	0.420088
hsa-mir-101	hsa-let-7a	0.285513
hsa-mir-101	hsa-let-7b	0.381128
hsa-mir-101	hsa-let-7c	0.263236
hsa-mir-101	hsa-mir-106a	0.435663
hsa-mir-101	hsa-mir-125b	0.249558

hsa-mir-101	hsa-mir-137	0.257256
hsa-mir-101	hsa-mir-15b	0.283675
hsa-mir-101	hsa-mir-16	0.283675
hsa-mir-101	hsa-mir-17	0.530687
hsa-mir-101	hsa-mir-181b	0.27985
hsa-mir-101	hsa-mir-192	0.405886
hsa-mir-101	hsa-mir-196a	0.365713
hsa-mir-101	hsa-mir-19a	0.530687
hsa-mir-101	hsa-mir-19b	0.530687
hsa-mir-101	hsa-mir-200b	0.699008
hsa-mir-101	hsa-mir-20a	0.530687
hsa-mir-101	hsa-mir-20b	0.435663
hsa-mir-101	hsa-mir-21	0.478679
hsa-mir-101	hsa-mir-210	0.532017
hsa-mir-101	hsa-mir-221	0.681033
hsa-mir-101	hsa-mir-222	0.681033
hsa-mir-101	hsa-mir-223	0.359615
hsa-mir-101	hsa-mir-224	0.588874
hsa-mir-101	hsa-mir-23a	0.534602
hsa-mir-101	hsa-mir-23b	0.456253
hsa-mir-101	hsa-mir-24	0.456253
hsa-mir-101	hsa-mir-26a	0.422999
hsa-mir-101	hsa-mir-27a	0.534602
hsa-mir-101	hsa-mir-29a	0.327364
hsa-mir-101	hsa-mir-29b	0.646265
hsa-mir-101	hsa-mir-29c	0.646265
hsa-mir-101	hsa-mir-34a	0.504595
hsa-mir-101	hsa-mir-372	0.280243
hsa-mir-101	hsa-mir-373	0.280243
hsa-mir-101	hsa-mir-376a	0.358705
hsa-mir-101	hsa-mir-9	0.516684
hsa-mir-101	hsa-mir-146a	0.3092
hsa-mir-101	hsa-mir-146b	0.384365
hsa-mir-101	hsa-mir-18a	0.530687
hsa-mir-101	hsa-mir-18b	0.435663
hsa-mir-101	hsa-mir-363	0.435663
hsa-mir-101	hsa-mir-92a	0.530687
hsa-mir-101	hsa-let-7d	0.285513
hsa-mir-101	hsa-let-7e	0.669481
hsa-mir-101	hsa-let-7f	0.476363
hsa-mir-101	hsa-mir-194	0.405886
hsa-mir-101	hsa-mir-195	0.287525
hsa-mir-101	hsa-mir-215	0.492944

hsa-mir-101	hsa-mir-519c	0.295015
hsa-mir-101	hsa-mir-148a	0.34045
hsa-mir-101	hsa-mir-152	0.708717
hsa-mir-106b	hsa-let-7a	0.232055
hsa-mir-106b	hsa-let-7b	0.676434
hsa-mir-106b	hsa-let-7c	0.234295
hsa-mir-106b	hsa-mir-101	0.246652
hsa-mir-106b	hsa-mir-106a	0.61756
hsa-mir-106b	hsa-mir-125b	0.186033
hsa-mir-106b	hsa-mir-137	0.357535
hsa-mir-106b	hsa-mir-15b	0.24609
hsa-mir-106b	hsa-mir-16	0.24609
hsa-mir-106b	hsa-mir-17	0.208646
hsa-mir-106b	hsa-mir-181b	0.280891
hsa-mir-106b	hsa-mir-192	0.350098
hsa-mir-106b	hsa-mir-196a	0.27655
hsa-mir-106b	hsa-mir-19a	0.208646
hsa-mir-106b	hsa-mir-19b	0.208646
hsa-mir-106b	hsa-mir-200b	0.297562
hsa-mir-106b	hsa-mir-20a	0.208646
hsa-mir-106b	hsa-mir-20b	0.61756
hsa-mir-106b	hsa-mir-21	0.177942
hsa-mir-106b	hsa-mir-210	0.494825
hsa-mir-106b	hsa-mir-221	0.631943
hsa-mir-106b	hsa-mir-222	0.631943
hsa-mir-106b	hsa-mir-223	0.313067
hsa-mir-106b	hsa-mir-224	0.519711
hsa-mir-106b	hsa-mir-23a	0.179561
hsa-mir-106b	hsa-mir-23b	0.250147
hsa-mir-106b	hsa-mir-24	0.179561
hsa-mir-106b	hsa-mir-26a	0.242143
hsa-mir-106b	hsa-mir-27a	0.179561
hsa-mir-106b	hsa-mir-29a	0.212874
hsa-mir-106b	hsa-mir-29b	0.290922
hsa-mir-106b	hsa-mir-29c	0.678707
hsa-mir-106b	hsa-mir-34a	0.559037
hsa-mir-106b	hsa-mir-372	0.258091
hsa-mir-106b	hsa-mir-373	0.258091
hsa-mir-106b	hsa-mir-376a	0.225605
hsa-mir-106b	hsa-mir-9	0.217546
hsa-mir-106b	hsa-mir-146a	0.290407
hsa-mir-106b	hsa-mir-146b	0.343069
hsa-mir-106b	hsa-mir-18a	0.208646

hsa-mir-106b	hsa-mir-18b	0.61756
hsa-mir-106b	hsa-mir-363	0.61756
hsa-mir-106b	hsa-mir-92a	0.208646
hsa-mir-106b	hsa-let-7d	0.266721
hsa-mir-106b	hsa-let-7e	0.407755
hsa-mir-106b	hsa-let-7f	0.137489
hsa-mir-106b	hsa-mir-194	0.350098
hsa-mir-106b	hsa-mir-195	0.451232
hsa-mir-106b	hsa-mir-215	0.53962
hsa-mir-106b	hsa-mir-519c	0.35365
hsa-mir-106b	hsa-mir-148a	0.475995
hsa-mir-106b	hsa-mir-152	0.301446
hsa-mir-124	hsa-let-7a	0.417547
hsa-mir-124	hsa-let-7b	0.259811
hsa-mir-124	hsa-let-7c	0.373634
hsa-mir-124	hsa-mir-101	0.210832
hsa-mir-124	hsa-mir-106a	0.571543
hsa-mir-124	hsa-mir-125b	0.334066
hsa-mir-124	hsa-mir-137	0.202255
hsa-mir-124	hsa-mir-15b	0.173674
hsa-mir-124	hsa-mir-16	0.173674
hsa-mir-124	hsa-mir-17	0.430893
hsa-mir-124	hsa-mir-181b	0.371742
hsa-mir-124	hsa-mir-192	0.692083
hsa-mir-124	hsa-mir-196a	0.191445
hsa-mir-124	hsa-mir-19a	0.430893
hsa-mir-124	hsa-mir-19b	0.430893
hsa-mir-124	hsa-mir-200b	0.478684
hsa-mir-124	hsa-mir-20a	0.430893
hsa-mir-124	hsa-mir-20b	0.571543
hsa-mir-124	hsa-mir-21	0.262551
hsa-mir-124	hsa-mir-210	0.738181
hsa-mir-124	hsa-mir-221	0.485837
hsa-mir-124	hsa-mir-222	0.485837
hsa-mir-124	hsa-mir-223	0.333491
hsa-mir-124	hsa-mir-224	0.531187
hsa-mir-124	hsa-mir-23a	0.249606
hsa-mir-124	hsa-mir-23b	0.389642
hsa-mir-124	hsa-mir-24	0.249606
hsa-mir-124	hsa-mir-26a	0.282992
hsa-mir-124	hsa-mir-27a	0.249606
hsa-mir-124	hsa-mir-29a	0.206794
hsa-mir-124	hsa-mir-29b	0.344361

hsa-mir-124	hsa-mir-29c	0.566063
hsa-mir-124	hsa-mir-34a	0.460594
hsa-mir-124	hsa-mir-372	0.225243
hsa-mir-124	hsa-mir-373	0.225243
hsa-mir-124	hsa-mir-376a	0.462531
hsa-mir-124	hsa-mir-9	0.406683
hsa-mir-124	hsa-mir-146a	0.254199
hsa-mir-124	hsa-mir-146b	0.261969
hsa-mir-124	hsa-mir-18a	0.430893
hsa-mir-124	hsa-mir-18b	0.571543
hsa-mir-124	hsa-mir-363	0.571543
hsa-mir-124	hsa-mir-92a	0.430893
hsa-mir-124	hsa-let-7d	0.230513
hsa-mir-124	hsa-let-7e	0.291573
hsa-mir-124	hsa-let-7f	0.197826
hsa-mir-124	hsa-mir-194	0.692083
hsa-mir-124	hsa-mir-195	0.245655
hsa-mir-124	hsa-mir-215	0.448944
hsa-mir-124	hsa-mir-519c	0.347571
hsa-mir-124	hsa-mir-148a	0.285449
hsa-mir-124	hsa-mir-152	0.485157
hsa-mir-127	hsa-let-7a	0.33483
hsa-mir-127	hsa-let-7b	0.336921
hsa-mir-127	hsa-let-7c	0.209252
hsa-mir-127	hsa-mir-101	0.211917
hsa-mir-127	hsa-mir-106a	0.426629
hsa-mir-127	hsa-mir-125b	0.21558
hsa-mir-127	hsa-mir-137	0.301331
hsa-mir-127	hsa-mir-15b	0.2237
hsa-mir-127	hsa-mir-16	0.2237
hsa-mir-127	hsa-mir-17	0.245128
hsa-mir-127	hsa-mir-181b	0.382039
hsa-mir-127	hsa-mir-192	0.350634
hsa-mir-127	hsa-mir-196a	0.280445
hsa-mir-127	hsa-mir-19a	0.245128
hsa-mir-127	hsa-mir-19b	0.245128
hsa-mir-127	hsa-mir-200b	0.41915
hsa-mir-127	hsa-mir-20a	0.245128
hsa-mir-127	hsa-mir-20b	0.426629
hsa-mir-127	hsa-mir-21	0.211535
hsa-mir-127	hsa-mir-210	0.474532
hsa-mir-127	hsa-mir-221	0.383776
hsa-mir-127	hsa-mir-222	0.383776

hsa-mir-127	hsa-mir-223	0.331834
hsa-mir-127	hsa-mir-224	0.547927
hsa-mir-127	hsa-mir-23a	0.212344
hsa-mir-127	hsa-mir-23b	0.170694
hsa-mir-127	hsa-mir-24	0.170694
hsa-mir-127	hsa-mir-26a	0.279676
hsa-mir-127	hsa-mir-27a	0.212344
hsa-mir-127	hsa-mir-29a	0.374568
hsa-mir-127	hsa-mir-29b	0.313038
hsa-mir-127	hsa-mir-29c	0.42028
hsa-mir-127	hsa-mir-34a	0.428659
hsa-mir-127	hsa-mir-372	0.303918
hsa-mir-127	hsa-mir-373	0.303918
hsa-mir-127	hsa-mir-376a	0.232112
hsa-mir-127	hsa-mir-9	0.262927
hsa-mir-127	hsa-mir-146a	0.260708
hsa-mir-127	hsa-mir-146b	0.340158
hsa-mir-127	hsa-mir-18a	0.245128
hsa-mir-127	hsa-mir-18b	0.426629
hsa-mir-127	hsa-mir-363	0.426629
hsa-mir-127	hsa-mir-92a	0.245128
hsa-mir-127	hsa-let-7d	0.290429
hsa-mir-127	hsa-let-7e	0.326441
hsa-mir-127	hsa-let-7f	0.191308
hsa-mir-127	hsa-mir-194	0.350634
hsa-mir-127	hsa-mir-195	0.263685
hsa-mir-127	hsa-mir-215	0.417008
hsa-mir-127	hsa-mir-519c	0.515345
hsa-mir-127	hsa-mir-148a	0.337872
hsa-mir-127	hsa-mir-152	0.552242
hsa-mir-130a	hsa-let-7a	0.246818
hsa-mir-130a	hsa-let-7b	0.340174
hsa-mir-130a	hsa-let-7c	0.171306
hsa-mir-130a	hsa-mir-101	0.211428
hsa-mir-130a	hsa-mir-106a	0.535276
hsa-mir-130a	hsa-mir-125b	0.246325
hsa-mir-130a	hsa-mir-137	0.219486
hsa-mir-130a	hsa-mir-15b	0.208136
hsa-mir-130a	hsa-mir-16	0.208136
hsa-mir-130a	hsa-mir-17	0.238792
hsa-mir-130a	hsa-mir-181b	0.224164
hsa-mir-130a	hsa-mir-192	0.368117
hsa-mir-130a	hsa-mir-196a	0.283803

hsa-mir-130a	hsa-mir-19a	0.238792
hsa-mir-130a	hsa-mir-19b	0.238792
hsa-mir-130a	hsa-mir-200b	0.511562
hsa-mir-130a	hsa-mir-20a	0.238792
hsa-mir-130a	hsa-mir-20b	0.535276
hsa-mir-130a	hsa-mir-21	0.238234
hsa-mir-130a	hsa-mir-210	0.506837
hsa-mir-130a	hsa-mir-221	0.352711
hsa-mir-130a	hsa-mir-222	0.352711
hsa-mir-130a	hsa-mir-223	0.265825
hsa-mir-130a	hsa-mir-224	0.438069
hsa-mir-130a	hsa-mir-23a	0.239852
hsa-mir-130a	hsa-mir-23b	0.382597
hsa-mir-130a	hsa-mir-24	0.239852
hsa-mir-130a	hsa-mir-26a	0.147659
hsa-mir-130a	hsa-mir-27a	0.239852
hsa-mir-130a	hsa-mir-29a	0.251825
hsa-mir-130a	hsa-mir-29b	0.321068
hsa-mir-130a	hsa-mir-29c	0.433624
hsa-mir-130a	hsa-mir-34a	0.619802
hsa-mir-130a	hsa-mir-372	0.242474
hsa-mir-130a	hsa-mir-373	0.242474
hsa-mir-130a	hsa-mir-376a	0.25575
hsa-mir-130a	hsa-mir-9	0.441146
hsa-mir-130a	hsa-mir-146a	0.271431
hsa-mir-130a	hsa-mir-146b	0.34341
hsa-mir-130a	hsa-mir-18a	0.238792
hsa-mir-130a	hsa-mir-18b	0.535276
hsa-mir-130a	hsa-mir-363	0.535276
hsa-mir-130a	hsa-mir-92a	0.238792
hsa-mir-130a	hsa-let-7d	0.22442
hsa-mir-130a	hsa-let-7e	0.519315
hsa-mir-130a	hsa-let-7f	0.197781
hsa-mir-130a	hsa-mir-194	0.368117
hsa-mir-130a	hsa-mir-195	0.249756
hsa-mir-130a	hsa-mir-215	0.600385
hsa-mir-130a	hsa-mir-519c	0.25406
hsa-mir-130a	hsa-mir-148a	0.30268
hsa-mir-130a	hsa-mir-152	0.518035
hsa-mir-150	hsa-let-7a	0.403109
hsa-mir-150	hsa-let-7b	0.36648
hsa-mir-150	hsa-let-7c	0.346475
hsa-mir-150	hsa-mir-101	0.351832

hsa-mir-150	hsa-mir-106a	0.46737
hsa-mir-150	hsa-mir-125b	0.37099
hsa-mir-150	hsa-mir-137	0.369482
hsa-mir-150	hsa-mir-15b	0.329113
hsa-mir-150	hsa-mir-16	0.329113
hsa-mir-150	hsa-mir-17	0.370701
hsa-mir-150	hsa-mir-181b	0.386119
hsa-mir-150	hsa-mir-192	0.418552
hsa-mir-150	hsa-mir-196a	0.356459
hsa-mir-150	hsa-mir-19a	0.370701
hsa-mir-150	hsa-mir-19b	0.370701
hsa-mir-150	hsa-mir-200b	0.467558
hsa-mir-150	hsa-mir-20a	0.370701
hsa-mir-150	hsa-mir-20b	0.46737
hsa-mir-150	hsa-mir-21	0.342062
hsa-mir-150	hsa-mir-210	0.509984
hsa-mir-150	hsa-mir-221	0.443383
hsa-mir-150	hsa-mir-222	0.443383
hsa-mir-150	hsa-mir-223	0.337542
hsa-mir-150	hsa-mir-224	0.424315
hsa-mir-150	hsa-mir-23a	0.337747
hsa-mir-150	hsa-mir-23b	0.340774
hsa-mir-150	hsa-mir-24	0.337747
hsa-mir-150	hsa-mir-26a	0.322059
hsa-mir-150	hsa-mir-27a	0.337747
hsa-mir-150	hsa-mir-29a	0.331933
hsa-mir-150	hsa-mir-29b	0.337454
hsa-mir-150	hsa-mir-29c	0.449977
hsa-mir-150	hsa-mir-34a	0.430805
hsa-mir-150	hsa-mir-372	0.316038
hsa-mir-150	hsa-mir-373	0.316038
hsa-mir-150	hsa-mir-376a	0.414547
hsa-mir-150	hsa-mir-9	0.376634
hsa-mir-150	hsa-mir-146a	0.330516
hsa-mir-150	hsa-mir-146b	0.368099
hsa-mir-150	hsa-mir-18a	0.370701
hsa-mir-150	hsa-mir-18b	0.46737
hsa-mir-150	hsa-mir-363	0.46737
hsa-mir-150	hsa-mir-92a	0.370701
hsa-mir-150	hsa-let-7d	0.353491
hsa-mir-150	hsa-let-7e	0.405654
hsa-mir-150	hsa-let-7f	0.40523
hsa-mir-150	hsa-mir-194	0.418552

hsa-mir-150	hsa-mir-195	0.312778
hsa-mir-150	hsa-mir-215	0.424333
hsa-mir-150	hsa-mir-519c	0.378859
hsa-mir-150	hsa-mir-148a	0.346141
hsa-mir-150	hsa-mir-152	0.470794
hsa-mir-155	hsa-let-7a	0.537535
hsa-mir-155	hsa-let-7b	0.449282
hsa-mir-155	hsa-let-7c	0.424266
hsa-mir-155	hsa-mir-101	0.316597
hsa-mir-155	hsa-mir-106a	0.503817
hsa-mir-155	hsa-mir-125b	0.267169
hsa-mir-155	hsa-mir-137	0.575889
hsa-mir-155	hsa-mir-15b	0.270333
hsa-mir-155	hsa-mir-16	0.270333
hsa-mir-155	hsa-mir-17	0.333484
hsa-mir-155	hsa-mir-181b	0.503555
hsa-mir-155	hsa-mir-192	0.412997
hsa-mir-155	hsa-mir-196a	0.50202
hsa-mir-155	hsa-mir-19a	0.333484
hsa-mir-155	hsa-mir-19b	0.333484
hsa-mir-155	hsa-mir-200b	0.665797
hsa-mir-155	hsa-mir-20a	0.333484
hsa-mir-155	hsa-mir-20b	0.503817
hsa-mir-155	hsa-mir-21	0.328012
hsa-mir-155	hsa-mir-210	0.536758
hsa-mir-155	hsa-mir-221	0.450243
hsa-mir-155	hsa-mir-222	0.450243
hsa-mir-155	hsa-mir-223	0.427768
hsa-mir-155	hsa-mir-224	0.46872
hsa-mir-155	hsa-mir-23a	0.315068
hsa-mir-155	hsa-mir-23b	0.296268
hsa-mir-155	hsa-mir-24	0.315068
hsa-mir-155	hsa-mir-26a	0.535619
hsa-mir-155	hsa-mir-27a	0.315068
hsa-mir-155	hsa-mir-29a	0.423868
hsa-mir-155	hsa-mir-29b	0.47432
hsa-mir-155	hsa-mir-29c	0.542732
hsa-mir-155	hsa-mir-34a	0.426711
hsa-mir-155	hsa-mir-372	0.36754
hsa-mir-155	hsa-mir-373	0.36754
hsa-mir-155	hsa-mir-376a	0.2666
hsa-mir-155	hsa-mir-9	0.584214
hsa-mir-155	hsa-mir-146a	0.569651

hsa-mir-155	hsa-mir-146b	0.452518
hsa-mir-155	hsa-mir-18a	0.333484
hsa-mir-155	hsa-mir-18b	0.503817
hsa-mir-155	hsa-mir-363	0.503817
hsa-mir-155	hsa-mir-92a	0.333484
hsa-mir-155	hsa-let-7d	0.3767
hsa-mir-155	hsa-let-7e	0.426108
hsa-mir-155	hsa-let-7f	0.263288
hsa-mir-155	hsa-mir-194	0.412997
hsa-mir-155	hsa-mir-195	0.374822
hsa-mir-155	hsa-mir-215	0.418389
hsa-mir-155	hsa-mir-519c	0.564645
hsa-mir-155	hsa-mir-148a	0.468775
hsa-mir-155	hsa-mir-152	0.471956
hsa-mir-15a	hsa-let-7a	0.287352
hsa-mir-15a	hsa-let-7b	0.302881
hsa-mir-15a	hsa-let-7c	0.184988
hsa-mir-15a	hsa-mir-101	0.204034
hsa-mir-15a	hsa-mir-106a	0.357415
hsa-mir-15a	hsa-mir-125b	0.260111
hsa-mir-15a	hsa-mir-137	0.230837
hsa-mir-15a	hsa-mir-15b	0.154672
hsa-mir-15a	hsa-mir-16	0.154672
hsa-mir-15a	hsa-mir-17	0.404944
hsa-mir-15a	hsa-mir-181b	0.276025
hsa-mir-15a	hsa-mir-192	0.357342
hsa-mir-15a	hsa-mir-196a	0.209217
hsa-mir-15a	hsa-mir-19a	0.404944
hsa-mir-15a	hsa-mir-19b	0.404944
hsa-mir-15a	hsa-mir-200b	0.361551
hsa-mir-15a	hsa-mir-20a	0.404944
hsa-mir-15a	hsa-mir-20b	0.357415
hsa-mir-15a	hsa-mir-21	0.240545
hsa-mir-15a	hsa-mir-210	0.499654
hsa-mir-15a	hsa-mir-221	0.315418
hsa-mir-15a	hsa-mir-222	0.315418
hsa-mir-15a	hsa-mir-223	0.281367
hsa-mir-15a	hsa-mir-224	0.453741
hsa-mir-15a	hsa-mir-23a	0.253638
hsa-mir-15a	hsa-mir-23b	0.33051
hsa-mir-15a	hsa-mir-24	0.253638
hsa-mir-15a	hsa-mir-26a	0.291844
hsa-mir-15a	hsa-mir-27a	0.253638

hsa-mir-15a	hsa-mir-29a	0.321063
hsa-mir-15a	hsa-mir-29b	0.288348
hsa-mir-15a	hsa-mir-29c	0.39633
hsa-mir-15a	hsa-mir-34a	0.492586
hsa-mir-15a	hsa-mir-372	0.276813
hsa-mir-15a	hsa-mir-373	0.276813
hsa-mir-15a	hsa-mir-376a	0.262643
hsa-mir-15a	hsa-mir-9	0.349288
hsa-mir-15a	hsa-mir-146a	0.334725
hsa-mir-15a	hsa-mir-146b	0.306117
hsa-mir-15a	hsa-mir-18a	0.404944
hsa-mir-15a	hsa-mir-18b	0.357415
hsa-mir-15a	hsa-mir-363	0.357415
hsa-mir-15a	hsa-mir-92a	0.404944
hsa-mir-15a	hsa-let-7d	0.287352
hsa-mir-15a	hsa-let-7e	0.409473
hsa-mir-15a	hsa-let-7f	0.211567
hsa-mir-15a	hsa-mir-194	0.357342
hsa-mir-15a	hsa-mir-195	0.291376
hsa-mir-15a	hsa-mir-215	0.480935
hsa-mir-15a	hsa-mir-519c	0.388123
hsa-mir-15a	hsa-mir-148a	0.312903
hsa-mir-15a	hsa-mir-152	0.458056
hsa-mir-16	hsa-let-7a	0.287352
hsa-mir-16	hsa-let-7b	0.302881
hsa-mir-16	hsa-let-7c	0.184988
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hsa-mir-16	hsa-mir-125b	0.260111
hsa-mir-16	hsa-mir-137	0.230837
hsa-mir-16	hsa-mir-15b	0.154672
hsa-mir-16	hsa-mir-17	0.404944
hsa-mir-16	hsa-mir-181b	0.276025
hsa-mir-16	hsa-mir-192	0.357342
hsa-mir-16	hsa-mir-196a	0.209217
hsa-mir-16	hsa-mir-19a	0.404944
hsa-mir-16	hsa-mir-19b	0.404944
hsa-mir-16	hsa-mir-200b	0.361551
hsa-mir-16	hsa-mir-20a	0.404944
hsa-mir-16	hsa-mir-20b	0.357415
hsa-mir-16	hsa-mir-21	0.240545
hsa-mir-16	hsa-mir-210	0.499654
hsa-mir-16	hsa-mir-221	0.315418

hsa-mir-16	hsa-mir-222	0.315418
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hsa-mir-16	hsa-mir-224	0.453741
hsa-mir-16	hsa-mir-23a	0.253638
hsa-mir-16	hsa-mir-23b	0.33051
hsa-mir-16	hsa-mir-24	0.253638
hsa-mir-16	hsa-mir-26a	0.291844
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hsa-mir-16	hsa-mir-29c	0.39633
hsa-mir-16	hsa-mir-34a	0.492586
hsa-mir-16	hsa-mir-372	0.276813
hsa-mir-16	hsa-mir-373	0.276813
hsa-mir-16	hsa-mir-376a	0.262643
hsa-mir-16	hsa-mir-9	0.349288
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hsa-mir-16	hsa-mir-18a	0.404944
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hsa-mir-16	hsa-let-7d	0.287352
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hsa-mir-16	hsa-mir-215	0.480935
hsa-mir-16	hsa-mir-519c	0.388123
hsa-mir-16	hsa-mir-148a	0.312903
hsa-mir-16	hsa-mir-152	0.458056
hsa-mir-17	hsa-let-7a	0.232055
hsa-mir-17	hsa-let-7b	0.676434
hsa-mir-17	hsa-let-7c	0.234295
hsa-mir-17	hsa-mir-101	0.246652
hsa-mir-17	hsa-mir-106a	0.61756
hsa-mir-17	hsa-mir-125b	0.186033
hsa-mir-17	hsa-mir-137	0.357535
hsa-mir-17	hsa-mir-15b	0.24609
hsa-mir-17	hsa-mir-16	0.24609
hsa-mir-17	hsa-mir-181b	0.280891
hsa-mir-17	hsa-mir-192	0.350098
hsa-mir-17	hsa-mir-196a	0.27655

hsa-mir-17	hsa-mir-19a	0.208646
hsa-mir-17	hsa-mir-19b	0.208646
hsa-mir-17	hsa-mir-200b	0.297562
hsa-mir-17	hsa-mir-20a	0.208646
hsa-mir-17	hsa-mir-20b	0.61756
hsa-mir-17	hsa-mir-21	0.177942
hsa-mir-17	hsa-mir-210	0.494825
hsa-mir-17	hsa-mir-221	0.631943
hsa-mir-17	hsa-mir-222	0.631943
hsa-mir-17	hsa-mir-223	0.313067
hsa-mir-17	hsa-mir-224	0.519711
hsa-mir-17	hsa-mir-23a	0.179561
hsa-mir-17	hsa-mir-23b	0.250147
hsa-mir-17	hsa-mir-24	0.179561
hsa-mir-17	hsa-mir-26a	0.242143
hsa-mir-17	hsa-mir-27a	0.179561
hsa-mir-17	hsa-mir-29a	0.212874
hsa-mir-17	hsa-mir-29b	0.290922
hsa-mir-17	hsa-mir-29c	0.678707
hsa-mir-17	hsa-mir-34a	0.559037
hsa-mir-17	hsa-mir-372	0.258091
hsa-mir-17	hsa-mir-373	0.258091
hsa-mir-17	hsa-mir-376a	0.225605
hsa-mir-17	hsa-mir-9	0.217546
hsa-mir-17	hsa-mir-146a	0.290407
hsa-mir-17	hsa-mir-146b	0.343069
hsa-mir-17	hsa-mir-18a	0.208646
hsa-mir-17	hsa-mir-18b	0.61756
hsa-mir-17	hsa-mir-363	0.61756
hsa-mir-17	hsa-mir-92a	0.208646
hsa-mir-17	hsa-let-7d	0.266721
hsa-mir-17	hsa-let-7e	0.407755
hsa-mir-17	hsa-let-7f	0.137489
hsa-mir-17	hsa-mir-194	0.350098
hsa-mir-17	hsa-mir-195	0.451232
hsa-mir-17	hsa-mir-215	0.53962
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hsa-mir-17	hsa-mir-148a	0.475995
hsa-mir-17	hsa-mir-152	0.301446
hsa-mir-19a	hsa-let-7a	0.244812
hsa-mir-19a	hsa-let-7b	0.57209
hsa-mir-19a	hsa-let-7c	0.231822
hsa-mir-19a	hsa-mir-101	0.388263

hsa-mir-19a	hsa-mir-106a	0.431541
hsa-mir-19a	hsa-mir-125b	0.39522
hsa-mir-19a	hsa-mir-137	0.216554
hsa-mir-19a	hsa-mir-15b	0.202272
hsa-mir-19a	hsa-mir-16	0.202272
hsa-mir-19a	hsa-mir-17	0.563434
hsa-mir-19a	hsa-mir-181b	0.391863
hsa-mir-19a	hsa-mir-192	0.648658
hsa-mir-19a	hsa-mir-196a	0.205744
hsa-mir-19a	hsa-mir-19b	0.563434
hsa-mir-19a	hsa-mir-200b	0.308458
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hsa-mir-19a	hsa-mir-20b	0.431541
hsa-mir-19a	hsa-mir-21	0.38713
hsa-mir-19a	hsa-mir-210	0.716468
hsa-mir-19a	hsa-mir-221	0.388688
hsa-mir-19a	hsa-mir-222	0.388688
hsa-mir-19a	hsa-mir-223	0.255002
hsa-mir-19a	hsa-mir-224	0.353153
hsa-mir-19a	hsa-mir-23a	0.388748
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hsa-mir-19a	hsa-mir-372	0.239542
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hsa-mir-19a	hsa-mir-9	0.435282
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hsa-mir-19a	hsa-mir-18b	0.431541
hsa-mir-19a	hsa-mir-363	0.431541
hsa-mir-19a	hsa-mir-92a	0.563434
hsa-mir-19a	hsa-let-7d	0.244812
hsa-mir-19a	hsa-let-7e	0.603835
hsa-mir-19a	hsa-let-7f	0.346677
hsa-mir-19a	hsa-mir-194	0.648658
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hsa-mir-19a	hsa-mir-152	0.355742
hsa-mir-200a	hsa-mir-200b	0.497067
hsa-mir-200c	hsa-mir-200b	0.569727
hsa-mir-206	hsa-let-7a	0.580249
hsa-mir-206	hsa-let-7b	0.506774
hsa-mir-206	hsa-let-7c	0.378613
hsa-mir-206	hsa-mir-101	0.368032
hsa-mir-206	hsa-mir-106a	0.548388
hsa-mir-206	hsa-mir-125b	0.574998
hsa-mir-206	hsa-mir-137	0.461623
hsa-mir-206	hsa-mir-15b	0.349453
hsa-mir-206	hsa-mir-16	0.349453
hsa-mir-206	hsa-mir-17	0.403129
hsa-mir-206	hsa-mir-181b	0.568923
hsa-mir-206	hsa-mir-192	0.544581
hsa-mir-206	hsa-mir-196a	0.535861
hsa-mir-206	hsa-mir-19a	0.403129
hsa-mir-206	hsa-mir-19b	0.403129
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hsa-mir-206	hsa-mir-20b	0.548388
hsa-mir-206	hsa-mir-21	0.566908
hsa-mir-206	hsa-mir-210	0.62448
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hsa-mir-206	hsa-mir-222	0.505535
hsa-mir-206	hsa-mir-223	0.421305
hsa-mir-206	hsa-mir-224	0.602406
hsa-mir-206	hsa-mir-23a	0.568526
hsa-mir-206	hsa-mir-23b	0.365912
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hsa-mir-206	hsa-mir-376a	0.420088
hsa-mir-206	hsa-mir-9	0.412029

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hsa-mir-206	hsa-mir-18b	0.548388
hsa-mir-206	hsa-mir-363	0.548388
hsa-mir-206	hsa-mir-92a	0.403129
hsa-mir-206	hsa-let-7d	0.580249
hsa-mir-206	hsa-let-7e	0.441018
hsa-mir-206	hsa-let-7f	0.526455
hsa-mir-206	hsa-mir-194	0.544581
hsa-mir-206	hsa-mir-195	0.385444
hsa-mir-206	hsa-mir-215	0.458186
hsa-mir-206	hsa-mir-519c	0.68536
hsa-mir-206	hsa-mir-148a	0.465573
hsa-mir-206	hsa-mir-152	0.457032
hsa-mir-20a	hsa-let-7a	0.232055
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hsa-mir-20a	hsa-let-7c	0.234295
hsa-mir-20a	hsa-mir-101	0.246652
hsa-mir-20a	hsa-mir-106a	0.61756
hsa-mir-20a	hsa-mir-125b	0.186033
hsa-mir-20a	hsa-mir-137	0.357535
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hsa-mir-20a	hsa-mir-181b	0.280891
hsa-mir-20a	hsa-mir-192	0.350098
hsa-mir-20a	hsa-mir-196a	0.27655
hsa-mir-20a	hsa-mir-19a	0.208646
hsa-mir-20a	hsa-mir-19b	0.208646
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hsa-mir-20a	hsa-mir-21	0.177942
hsa-mir-20a	hsa-mir-210	0.494825
hsa-mir-20a	hsa-mir-221	0.631943
hsa-mir-20a	hsa-mir-222	0.631943
hsa-mir-20a	hsa-mir-223	0.313067
hsa-mir-20a	hsa-mir-224	0.519711
hsa-mir-20a	hsa-mir-23a	0.179561
hsa-mir-20a	hsa-mir-23b	0.250147
hsa-mir-20a	hsa-mir-24	0.179561
hsa-mir-20a	hsa-mir-26a	0.242143
hsa-mir-20a	hsa-mir-27a	0.179561

hsa-mir-20a	hsa-mir-29a	0.212874
hsa-mir-20a	hsa-mir-29b	0.290922
hsa-mir-20a	hsa-mir-29c	0.678707
hsa-mir-20a	hsa-mir-34a	0.559037
hsa-mir-20a	hsa-mir-372	0.258091
hsa-mir-20a	hsa-mir-373	0.258091
hsa-mir-20a	hsa-mir-376a	0.225605
hsa-mir-20a	hsa-mir-9	0.217546
hsa-mir-20a	hsa-mir-146a	0.290407
hsa-mir-20a	hsa-mir-146b	0.343069
hsa-mir-20a	hsa-mir-18a	0.208646
hsa-mir-20a	hsa-mir-18b	0.61756
hsa-mir-20a	hsa-mir-363	0.61756
hsa-mir-20a	hsa-mir-92a	0.208646
hsa-mir-20a	hsa-let-7d	0.266721
hsa-mir-20a	hsa-let-7e	0.407755
hsa-mir-20a	hsa-let-7f	0.137489
hsa-mir-20a	hsa-mir-194	0.350098
hsa-mir-20a	hsa-mir-195	0.451232
hsa-mir-20a	hsa-mir-215	0.53962
hsa-mir-20a	hsa-mir-519c	0.35365
hsa-mir-20a	hsa-mir-148a	0.475995
hsa-mir-20a	hsa-mir-152	0.301446
hsa-mir-21	hsa-let-7a	0.519044
hsa-mir-21	hsa-let-7b	0.3118
hsa-mir-21	hsa-let-7c	0.295505
hsa-mir-21	hsa-mir-101	0.27889
hsa-mir-21	hsa-mir-106a	0.517785
hsa-mir-21	hsa-mir-125b	0.27254
hsa-mir-21	hsa-mir-137	0.280237
hsa-mir-21	hsa-mir-15b	0.329638
hsa-mir-21	hsa-mir-16	0.329638
hsa-mir-21	hsa-mir-17	0.367291
hsa-mir-21	hsa-mir-181b	0.507717
hsa-mir-21	hsa-mir-192	0.428867
hsa-mir-21	hsa-mir-196a	0.269427
hsa-mir-21	hsa-mir-19a	0.367291
hsa-mir-21	hsa-mir-19b	0.367291
hsa-mir-21	hsa-mir-200b	0.350913
hsa-mir-21	hsa-mir-20a	0.367291
hsa-mir-21	hsa-mir-20b	0.517785
hsa-mir-21	hsa-mir-210	0.547338
hsa-mir-21	hsa-mir-221	0.474932

hsa-mir-21	hsa-mir-222	0.474932
hsa-mir-21	hsa-mir-223	0.297457
hsa-mir-21	hsa-mir-224	0.577136
hsa-mir-21	hsa-mir-23a	0.291638
hsa-mir-21	hsa-mir-23b	0.301883
hsa-mir-21	hsa-mir-24	0.291638
hsa-mir-21	hsa-mir-26a	0.310741
hsa-mir-21	hsa-mir-27a	0.291638
hsa-mir-21	hsa-mir-29a	0.373327
hsa-mir-21	hsa-mir-29b	0.404194
hsa-mir-21	hsa-mir-29c	0.3741
hsa-mir-21	hsa-mir-34a	0.52298
hsa-mir-21	hsa-mir-372	0.303225
hsa-mir-21	hsa-mir-373	0.303225
hsa-mir-21	hsa-mir-376a	0.381687
hsa-mir-21	hsa-mir-9	0.562647
hsa-mir-21	hsa-mir-146a	0.332181
hsa-mir-21	hsa-mir-146b	0.313957
hsa-mir-21	hsa-mir-18a	0.367291
hsa-mir-21	hsa-mir-18b	0.517785
hsa-mir-21	hsa-mir-363	0.517785
hsa-mir-21	hsa-mir-92a	0.367291
hsa-mir-21	hsa-let-7d	0.519044
hsa-mir-21	hsa-let-7e	0.723376
hsa-mir-21	hsa-let-7f	0.519044
hsa-mir-21	hsa-mir-194	0.428867
hsa-mir-21	hsa-mir-195	0.310507
hsa-mir-21	hsa-mir-215	0.511329
hsa-mir-21	hsa-mir-519c	0.687809
hsa-mir-21	hsa-mir-148a	0.363431
hsa-mir-21	hsa-mir-152	0.581451
hsa-mir-214	hsa-let-7a	0.335502
hsa-mir-214	hsa-let-7b	0.332554
hsa-mir-214	hsa-let-7c	0.169869
hsa-mir-214	hsa-mir-101	0.153254
hsa-mir-214	hsa-mir-106a	0.393823
hsa-mir-214	hsa-mir-125b	0.171477
hsa-mir-214	hsa-mir-137	0.270156
hsa-mir-214	hsa-mir-15b	0.078366
hsa-mir-214	hsa-mir-16	0.078366
hsa-mir-214	hsa-mir-17	0.201368
hsa-mir-214	hsa-mir-181b	0.316426
hsa-mir-214	hsa-mir-192	0.303231

hsa-mir-214	hsa-mir-196a	0.143791
hsa-mir-214	hsa-mir-19a	0.201368
hsa-mir-214	hsa-mir-19b	0.201368
hsa-mir-214	hsa-mir-200b	0.29174
hsa-mir-214	hsa-mir-20a	0.201368
hsa-mir-214	hsa-mir-20b	0.393823
hsa-mir-214	hsa-mir-21	0.163386
hsa-mir-214	hsa-mir-210	0.46358
hsa-mir-214	hsa-mir-221	0.350969
hsa-mir-214	hsa-mir-222	0.350969
hsa-mir-214	hsa-mir-223	0.2137
hsa-mir-214	hsa-mir-224	0.446741
hsa-mir-214	hsa-mir-23a	0.165005
hsa-mir-214	hsa-mir-23b	0.164152
hsa-mir-214	hsa-mir-24	0.165005
hsa-mir-214	hsa-mir-26a	0.282816
hsa-mir-214	hsa-mir-27a	0.165005
hsa-mir-214	hsa-mir-29a	0.122055
hsa-mir-214	hsa-mir-29b	0.47288
hsa-mir-214	hsa-mir-29c	0.47288
hsa-mir-214	hsa-mir-34a	0.422471
hsa-mir-214	hsa-mir-372	0.246183
hsa-mir-214	hsa-mir-373	0.246183
hsa-mir-214	hsa-mir-376a	0.218327
hsa-mir-214	hsa-mir-9	0.311376
hsa-mir-214	hsa-mir-146a	0.206545
hsa-mir-214	hsa-mir-146b	0.335791
hsa-mir-214	hsa-mir-18a	0.201368
hsa-mir-214	hsa-mir-18b	0.393823
hsa-mir-214	hsa-mir-363	0.393823
hsa-mir-214	hsa-mir-92a	0.201368
hsa-mir-214	hsa-let-7d	0.182859
hsa-mir-214	hsa-let-7e	0.349446
hsa-mir-214	hsa-let-7f	0.122934
hsa-mir-214	hsa-mir-194	0.303231
hsa-mir-214	hsa-mir-195	0.260746
hsa-mir-214	hsa-mir-215	0.410821
hsa-mir-214	hsa-mir-519c	0.404181
hsa-mir-214	hsa-mir-148a	0.237795
hsa-mir-214	hsa-mir-152	0.451056
hsa-mir-22	hsa-let-7a	0.308798
hsa-mir-22	hsa-let-7b	0.351926
hsa-mir-22	hsa-let-7c	0.300831

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hsa-mir-22	hsa-mir-106a	0.412663
hsa-mir-22	hsa-mir-125b	0.235988
hsa-mir-22	hsa-mir-137	0.30325
hsa-mir-22	hsa-mir-15b	0.193813
hsa-mir-22	hsa-mir-16	0.193813
hsa-mir-22	hsa-mir-17	0.382496
hsa-mir-22	hsa-mir-181b	0.297472
hsa-mir-22	hsa-mir-192	0.392809
hsa-mir-22	hsa-mir-196a	0.341488
hsa-mir-22	hsa-mir-19a	0.382496
hsa-mir-22	hsa-mir-19b	0.382496
hsa-mir-22	hsa-mir-200b	0.5504
hsa-mir-22	hsa-mir-20a	0.382496
hsa-mir-22	hsa-mir-20b	0.412663
hsa-mir-22	hsa-mir-21	0.182904
hsa-mir-22	hsa-mir-210	0.523298
hsa-mir-22	hsa-mir-221	0.36981
hsa-mir-22	hsa-mir-222	0.36981
hsa-mir-22	hsa-mir-223	0.347502
hsa-mir-22	hsa-mir-224	0.391691
hsa-mir-22	hsa-mir-23a	0.242052
hsa-mir-22	hsa-mir-23b	0.306903
hsa-mir-22	hsa-mir-24	0.306903
hsa-mir-22	hsa-mir-26a	0.234236
hsa-mir-22	hsa-mir-27a	0.242052
hsa-mir-22	hsa-mir-29a	0.192887
hsa-mir-22	hsa-mir-29b	0.299071
hsa-mir-22	hsa-mir-29c	0.462467
hsa-mir-22	hsa-mir-34a	0.483606
hsa-mir-22	hsa-mir-372	0.287275
hsa-mir-22	hsa-mir-373	0.287275
hsa-mir-22	hsa-mir-376a	0.358156
hsa-mir-22	hsa-mir-9	0.400296
hsa-mir-22	hsa-mir-146a	0.318403
hsa-mir-22	hsa-mir-146b	0.355162
hsa-mir-22	hsa-mir-18a	0.382496
hsa-mir-22	hsa-mir-18b	0.412663
hsa-mir-22	hsa-mir-363	0.412663
hsa-mir-22	hsa-mir-92a	0.382496
hsa-mir-22	hsa-let-7d	0.308798
hsa-mir-22	hsa-let-7e	0.458291
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hsa-mir-22	hsa-mir-194	0.392809
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hsa-mir-22	hsa-mir-215	0.471956
hsa-mir-22	hsa-mir-519c	0.333664
hsa-mir-22	hsa-mir-148a	0.35204
hsa-mir-22	hsa-mir-152	0.396006
hsa-mir-26a	hsa-mir-137	0.464911
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hsa-mir-27a	hsa-mir-101	0.477554
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hsa-mir-27a	hsa-mir-16	0.347106
hsa-mir-27a	hsa-mir-17	0.451313
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hsa-mir-27a	hsa-mir-221	0.687414
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hsa-mir-27a	hsa-mir-224	0.411087
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hsa-mir-27a	hsa-mir-215	0.499482
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hsa-mir-34a	hsa-let-7b	0.316099
hsa-mir-34a	hsa-let-7c	0.227907
hsa-mir-34a	hsa-mir-101	0.20826
hsa-mir-34a	hsa-mir-106a	0.291475
hsa-mir-34a	hsa-mir-125b	0.221808
hsa-mir-34a	hsa-mir-137	0.230282
hsa-mir-34a	hsa-mir-15b	0.147239
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hsa-mir-34a	hsa-mir-17	0.277529
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hsa-mir-373	hsa-mir-194	0.363862
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hsa-mir-93	hsa-mir-15b	0.24609
hsa-mir-93	hsa-mir-16	0.24609
hsa-mir-93	hsa-mir-17	0.208646
hsa-mir-93	hsa-mir-181b	0.280891
hsa-mir-93	hsa-mir-192	0.350098

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hsa-mir-93	hsa-mir-19b	0.208646
hsa-mir-93	hsa-mir-200b	0.297562
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hsa-mir-93	hsa-mir-210	0.494825
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hsa-mir-93	hsa-mir-223	0.313067
hsa-mir-93	hsa-mir-224	0.519711
hsa-mir-93	hsa-mir-23a	0.179561
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hsa-mir-93	hsa-mir-24	0.179561
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hsa-mir-93	hsa-mir-146a	0.290407
hsa-mir-93	hsa-mir-146b	0.343069
hsa-mir-93	hsa-mir-18a	0.208646
hsa-mir-93	hsa-mir-18b	0.61756
hsa-mir-93	hsa-mir-363	0.61756
hsa-mir-93	hsa-mir-92a	0.208646
hsa-mir-93	hsa-let-7d	0.266721
hsa-mir-93	hsa-let-7e	0.407755
hsa-mir-93	hsa-let-7f	0.137489
hsa-mir-93	hsa-mir-194	0.350098
hsa-mir-93	hsa-mir-195	0.451232
hsa-mir-93	hsa-mir-215	0.53962
hsa-mir-93	hsa-mir-519c	0.35365
hsa-mir-93	hsa-mir-148a	0.475995
hsa-mir-93	hsa-mir-152	0.301446

