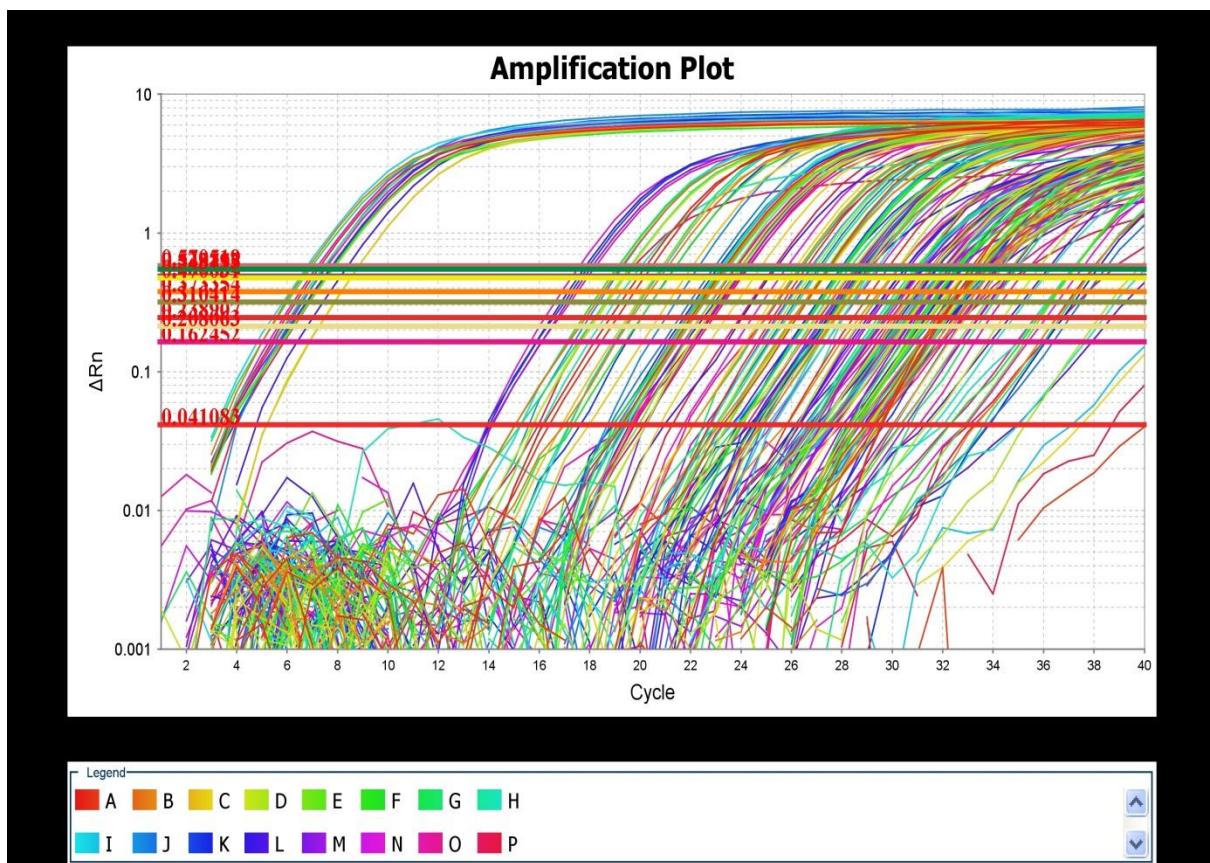


Supplementary Material 2

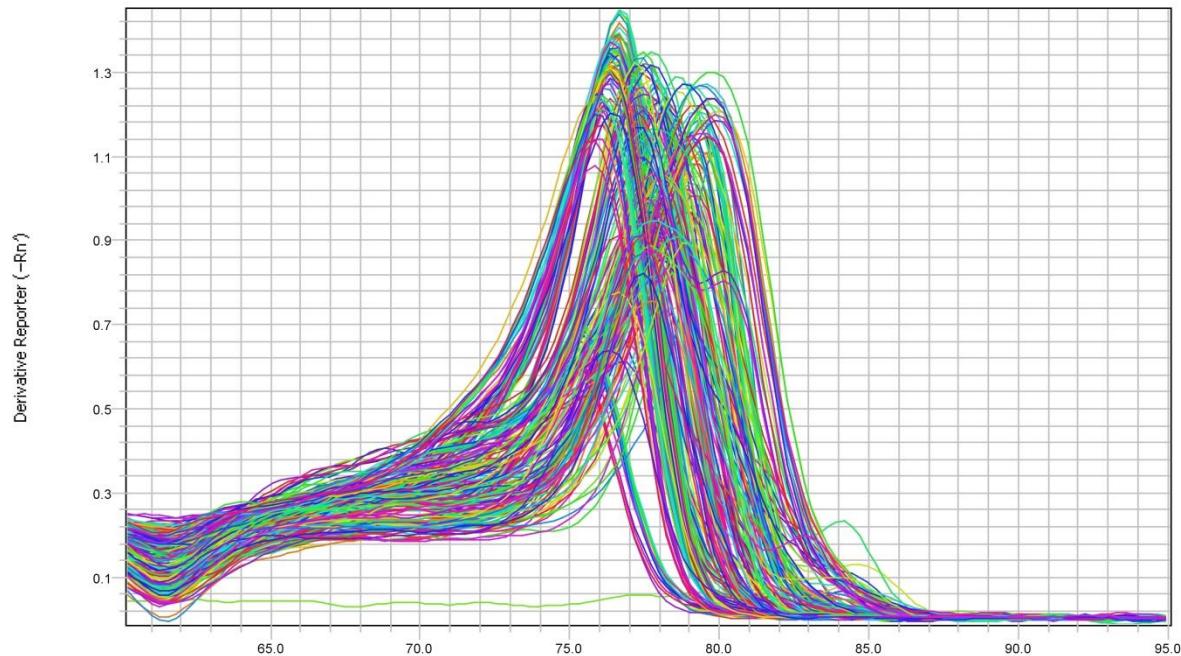
1. Report for miRNA related genes

Results of qPCR

(1) Amplification plot and melt-curve plot



Melt Curve Plot



(2) Data for qPCR

Sample Name	Target Name	CT
N1	EC1	16.689
N2	EC1	16.223
N3	EC1	16.773
N4	EC1	18.140
N5	EC1	16.471
xue1	EC1	18.805
xue10	EC1	18.292
xue13	EC1	17.719
xue14	EC1	18.201
xue15	EC1	18.549
xue19	EC1	17.719
xue20	EC1	17.948
xue21	EC1	16.569
xue3	EC1	17.814
xue5	EC1	19.475
xue6	EC1	18.254
N1	EC4	7.644
N2	EC4	7.081
N3	EC4	7.444
N4	EC4	7.763
N5	EC4	8.260
xue1	EC4	7.170
xue10	EC4	7.789
xue13	EC4	7.719
xue14	EC4	6.875
xue15	EC4	7.352

xue19	EC4	6.685
xue20	EC4	7.410
xue21	EC4	7.697
xue3	EC4	6.769
xue5	EC4	8.718
xue6	EC4	8.711
N1	let-7b-3p	26.451
N2	let-7b-3p	25.492
N3	let-7b-3p	26.032
N4	let-7b-3p	24.991
N5	let-7b-3p	27.709
xue1	let-7b-3p	27.185
xue10	let-7b-3p	27.101
xue13	let-7b-3p	27.811
xue14	let-7b-3p	26.867
xue15	let-7b-3p	26.511
xue19	let-7b-3p	27.167
xue20	let-7b-3p	26.769
xue21	let-7b-3p	27.704
xue3	let-7b-3p	25.973
xue5	let-7b-3p	25.833
xue6	let-7b-3p	26.646
N1	mir-1246	24.057
N2	mir-1246	23.664
N3	mir-1246	24.153
N4	mir-1246	24.200
N5	mir-1246	25.314
xue1	mir-1246	20.344
xue10	mir-1246	23.642
xue13	mir-1246	21.294
xue14	mir-1246	20.786
xue15	mir-1246	23.108
xue19	mir-1246	20.862
xue20	mir-1246	22.227
xue21	mir-1246	21.311
xue3	mir-1246	20.968
xue5	mir-1246	21.979
xue6	mir-1246	23.872
N1	mir-1261	24.698
N2	mir-1261	24.671
N3	mir-1261	24.942
N4	mir-1261	24.849
N5	mir-1261	25.143
xue1	mir-1261	24.865
xue10	mir-1261	24.811
xue13	mir-1261	24.944
xue14	mir-1261	24.653
xue15	mir-1261	24.681
xue19	mir-1261	24.617
xue20	mir-1261	24.526
xue21	mir-1261	24.532

xue3	mir-1261	24.944
xue5	mir-1261	24.848
xue6	mir-1261	25.031
N1	mir-1299	31.546
N2	mir-1299	31.590
N3	mir-1299	32.444
N4	mir-1299	32.458
N5	mir-1299	31.962
xue1	mir-1299	31.640
xue10	mir-1299	31.202
xue13	mir-1299	30.243
xue14	mir-1299	31.181
xue15	mir-1299	30.074
xue19	mir-1299	31.865
xue20	mir-1299	31.367
xue21	mir-1299	27.188
xue3	mir-1299	31.534
xue5	mir-1299	31.076
xue6	mir-1299	31.793
N1	mir-132-5p	31.246
N2	mir-132-5p	30.585
N3	mir-132-5p	30.983
N4	mir-132-5p	30.364
N5	mir-132-5p	30.065
xue1	mir-132-5p	32.383
xue10	mir-132-5p	30.615
xue13	mir-132-5p	31.452
xue14	mir-132-5p	29.820
xue15	mir-132-5p	29.937
xue19	mir-132-5p	30.996
xue20	mir-132-5p	29.974
xue21	mir-132-5p	29.420
xue3	mir-132-5p	29.087
xue5	mir-132-5p	30.473
xue6	mir-132-5p	32.253
N1	mir-140-5p	29.907
N2	mir-140-5p	29.117
N3	mir-140-5p	30.095
N4	mir-140-5p	29.406
N5	mir-140-5p	30.081
xue1	mir-140-5p	30.142
xue10	mir-140-5p	29.061
xue13	mir-140-5p	29.730
xue14	mir-140-5p	28.999
xue15	mir-140-5p	28.464
xue19	mir-140-5p	30.663
xue20	mir-140-5p	28.236
xue21	mir-140-5p	29.162
xue3	mir-140-5p	26.911
xue5	mir-140-5p	28.573
xue6	mir-140-5p	29.457

N1	mir-224	23.461
N2	mir-224	23.218
N3	mir-224	23.809
N4	mir-224	24.126
N5	mir-224	23.965
xue1	mir-224	23.360
xue10	mir-224	23.482
xue13	mir-224	23.307
xue14	mir-224	23.444
xue15	mir-224	23.519
xue19	mir-224	23.237
xue20	mir-224	22.943
xue21	mir-224	23.085
xue3	mir-224	23.447
xue5	mir-224	24.788
xue6	mir-224	24.018
N1	mir-302b	30.583
N2	mir-302b	32.908
N3	mir-302b	31.182
N4	mir-302b	38.617
N5	mir-302b	34.912
xue1	mir-302b	Undetermined
xue10	mir-302b	32.888
xue13	mir-302b	32.374
xue14	mir-302b	33.658
xue15	mir-302b	35.005
xue19	mir-302b	37.090
xue20	mir-302b	33.839
xue21	mir-302b	33.855
xue3	mir-302b	33.467
xue5	mir-302b	37.491
xue6	mir-302b	35.344
N1	mir-376a-5p	32.023
N2	mir-376a-5p	33.053
N3	mir-376a-5p	33.520
N4	mir-376a-5p	37.167
N5	mir-376a-5p	35.452
xue1	mir-376a-5p	32.392
xue10	mir-376a-5p	32.900
xue13	mir-376a-5p	31.923
xue14	mir-376a-5p	32.575
xue15	mir-376a-5p	35.547
xue19	mir-376a-5p	31.452
xue20	mir-376a-5p	33.641
xue21	mir-376a-5p	32.010
xue3	mir-376a-5p	33.269
xue5	mir-376a-5p	31.413
xue6	mir-376a-5p	31.455
N1	mir-485-3p	28.349
N2	mir-485-3p	29.190
N3	mir-485-3p	28.256

N4	mir-485-3p	28.435
N5	mir-485-3p	28.550
xue1	mir-485-3p	29.561
xue10	mir-485-3p	28.920
xue13	mir-485-3p	28.680
xue14	mir-485-3p	28.019
xue15	mir-485-3p	28.955
xue19	mir-485-3p	28.926
xue20	mir-485-3p	28.397
xue21	mir-485-3p	27.710
xue3	mir-485-3p	28.874
xue5	mir-485-3p	28.198
xue6	mir-485-3p	27.306
N1	mir-486-5p	21.660
N2	mir-486-5p	20.907
N3	mir-486-5p	21.670
N4	mir-486-5p	21.073
N5	mir-486-5p	22.568
xue1	mir-486-5p	21.355
xue10	mir-486-5p	21.957
xue13	mir-486-5p	22.651
xue14	mir-486-5p	22.068
xue15	mir-486-5p	21.395
xue19	mir-486-5p	22.134
xue20	mir-486-5p	21.681
xue21	mir-486-5p	21.872
xue3	mir-486-5p	21.828
xue5	mir-486-5p	22.310
xue6	mir-486-5p	21.846
N1	mir-520d-3p	33.914
N2	mir-520d-3p	34.583
N3	mir-520d-3p	36.826
N4	mir-520d-3p	38.286
N5	mir-520d-3p	33.411
xue1	mir-520d-3p	32.977
xue10	mir-520d-3p	34.376
xue13	mir-520d-3p	32.241
xue14	mir-520d-3p	34.663
xue15	mir-520d-3p	36.860
xue19	mir-520d-3p	33.319
xue20	mir-520d-3p	33.676
xue21	mir-520d-3p	33.526
xue3	mir-520d-3p	33.713
xue5	mir-520d-3p	33.971
xue6	mir-520d-3p	35.490
N1	mir-601	32.056
N2	mir-601	31.367
N3	mir-601	31.558
N4	mir-601	30.842
N5	mir-601	31.505
xue1	mir-601	26.309

xue10	mir-601	30.770
xue13	mir-601	27.831
xue14	mir-601	26.110
xue15	mir-601	29.104
xue19	mir-601	27.796
xue20	mir-601	28.635
xue21	mir-601	28.649
xue3	mir-601	27.218
xue5	mir-601	28.751
xue6	mir-601	29.973
xue1	624-5p	34.930
xue3	624-5p	32.653
xue5	624-5p	32.978
xue6	624-5p	31.772
xue10	624-5p	33.921
xue13	624-5p	33.151
xue14	624-5p	32.788
xue15	624-5p	32.759
xue19	624-5p	35.723
xue20	624-5p	33.550
xue21	624-5p	33.770
N5	624-5p	33.557
N1	624-5p	35.176
N2	624-5p	32.006
N3	624-5p	31.552
N4	624-5p	34.038
xue1	let-7d-3p	24.159
xue3	let-7d-3p	23.387
xue5	let-7d-3p	24.690
xue6	let-7d-3p	23.573
xue10	let-7d-3p	24.202
xue13	let-7d-3p	22.969
xue14	let-7d-3p	22.912
xue15	let-7d-3p	22.763
xue19	let-7d-3p	23.101
xue20	let-7d-3p	22.962
xue21	let-7d-3p	23.416
N5	let-7d-3p	23.851
N1	let-7d-3p	23.428
N2	let-7d-3p	22.808
N3	let-7d-3p	22.948
N4	let-7d-3p	23.947
xue1	mir-1262	33.146
xue3	mir-1262	34.725
xue5	mir-1262	34.735
xue6	mir-1262	33.791
xue10	mir-1262	33.583
xue13	mir-1262	31.702
xue14	mir-1262	33.132
xue15	mir-1262	32.419
xue19	mir-1262	34.626

xue20	mir-1262	33.556
xue21	mir-1262	33.717
N5	mir-1262	35.892
N1	mir-1262	33.143
N2	mir-1262	32.759
N3	mir-1262	32.981
N4	mir-1262	32.922
xue1	mir-130b-5p	29.981
xue3	mir-130b-5p	30.140
xue5	mir-130b-5p	29.853
xue6	mir-130b-5p	29.904
xue10	mir-130b-5p	30.171
xue13	mir-130b-5p	30.092
xue14	mir-130b-5p	29.893
xue15	mir-130b-5p	30.288
xue19	mir-130b-5p	30.227
xue20	mir-130b-5p	30.116
xue21	mir-130b-5p	30.115
N5	mir-130b-5p	30.581
N1	mir-130b-5p	30.593
N2	mir-130b-5p	30.661
N3	mir-130b-5p	30.504
N4	mir-130b-5p	30.504
xue1	mir-1321	25.278
xue3	mir-1321	24.584
xue5	mir-1321	24.131
xue6	mir-1321	24.649
xue10	mir-1321	24.661
xue13	mir-1321	23.960
xue14	mir-1321	24.169
xue15	mir-1321	24.382
xue19	mir-1321	24.211
xue20	mir-1321	24.536
xue21	mir-1321	24.018
N5	mir-1321	24.288
N1	mir-1321	23.997
N2	mir-1321	25.187
N3	mir-1321	24.126
N4	mir-1321	24.050
xue1	mir-154	19.833
xue3	mir-154	19.370
xue5	mir-154	19.659
xue6	mir-154	19.987
xue10	mir-154	19.876
xue13	mir-154	19.951
xue14	mir-154	19.873
xue15	mir-154	19.956
xue19	mir-154	21.130
xue20	mir-154	19.954
xue21	mir-154	19.967
N5	mir-154	20.965

N1	mir-154	20.195
N2	mir-154	20.102
N3	mir-154	20.395
N4	mir-154	20.299
xue1	mir-1825	24.830
xue3	mir-1825	24.811
xue5	mir-1825	26.266
xue6	mir-1825	24.826
xue10	mir-1825	25.337
xue13	mir-1825	25.020
xue14	mir-1825	23.961
xue15	mir-1825	24.667
xue19	mir-1825	24.309
xue20	mir-1825	24.326
xue21	mir-1825	25.097
N5	mir-1825	25.179
N1	mir-1825	25.205
N2	mir-1825	24.634
N3	mir-1825	25.053
N4	mir-1825	26.012
xue1	mir-184	31.343
xue3	mir-184	36.554
xue5	mir-184	35.310
xue6	mir-184	29.846
xue10	mir-184	38.739
xue13	mir-184	31.590
xue14	mir-184	32.697
xue15	mir-184	32.617
xue19	mir-184	32.306
xue20	mir-184	37.729
xue21	mir-184	33.774
N5	mir-184	32.457
N1	mir-184	31.627
N2	mir-184	33.254
N3	mir-184	36.005
N4	mir-184	33.960
xue1	mir-185-3p	28.249
xue3	mir-185-3p	26.734
xue5	mir-185-3p	28.383
xue6	mir-185-3p	27.493
xue10	mir-185-3p	28.598
xue13	mir-185-3p	29.060
xue14	mir-185-3p	27.040
xue15	mir-185-3p	27.262
xue19	mir-185-3p	28.225
xue20	mir-185-3p	26.910
xue21	mir-185-3p	29.175
N5	mir-185-3p	28.425
N1	mir-185-3p	28.109
N2	mir-185-3p	26.698
N3	mir-185-3p	27.947

N4	mir-185-3p	27.031
xue1	mir-190b	35.034
xue3	mir-190b	33.110
xue5	mir-190b	34.554
xue6	mir-190b	34.799
xue10	mir-190b	33.779
xue13	mir-190b	34.775
xue14	mir-190b	33.340
xue15	mir-190b	35.349
xue19	mir-190b	34.006
xue20	mir-190b	33.975
xue21	mir-190b	36.649
N5	mir-190b	32.146
N1	mir-190b	36.515
N2	mir-190b	33.015
N3	mir-190b	34.736
N4	mir-190b	35.336
xue1	mir-1914	26.856
xue3	mir-1914	25.928
xue5	mir-1914	26.271
xue6	mir-1914	25.996
xue10	mir-1914	26.288
xue13	mir-1914	25.928
xue14	mir-1914	26.074
xue15	mir-1914	26.343
xue19	mir-1914	26.266
xue20	mir-1914	26.228
xue21	mir-1914	25.998
N5	mir-1914	26.986
N1	mir-1914	26.361
N2	mir-1914	26.958
N3	mir-1914	26.408
N4	mir-1914	26.463
xue1	mir-21	26.244
xue3	mir-21	24.878
xue5	mir-21	24.586
xue6	mir-21	26.922
xue10	mir-21	26.914
xue13	mir-21	25.560
xue14	mir-21	25.347
xue15	mir-21	25.760
xue19	mir-21	24.894
xue20	mir-21	25.001
xue21	mir-21	25.071
N5	mir-21	28.837
N1	mir-21	26.879
N2	mir-21	26.505
N3	mir-21	26.654
N4	mir-21	26.139
xue1	mir-211	33.633
xue3	mir-211	30.569

xue5	mir-211	31.974
xue6	mir-211	33.540
xue10	mir-211	Undetermined
xue13	mir-211	31.864
xue14	mir-211	30.807
xue15	mir-211	34.328
xue19	mir-211	30.732
xue20	mir-211	31.138
xue21	mir-211	34.146
N5	mir-211	32.342
N1	mir-211	32.622
N2	mir-211	34.349
N3	mir-211	31.203
N4	mir-211	30.958
xue1	mir-29c-5p	33.620
xue3	mir-29c-5p	31.479
xue5	mir-29c-5p	31.918
xue6	mir-29c-5p	32.504
xue10	mir-29c-5p	36.142
xue13	mir-29c-5p	32.060
xue14	mir-29c-5p	33.221
xue15	mir-29c-5p	31.994
xue19	mir-29c-5p	32.466
xue20	mir-29c-5p	31.488
xue21	mir-29c-5p	32.043
N5	mir-29c-5p	35.219
N1	mir-29c-5p	31.951
N2	mir-29c-5p	32.896
N3	mir-29c-5p	35.190
N4	mir-29c-5p	32.456
xue1	mir-328	29.960
xue3	mir-328	29.139
xue5	mir-328	31.174
xue6	mir-328	26.449
xue10	mir-328	30.626
xue13	mir-328	30.245
xue14	mir-328	29.992
xue15	mir-328	30.037
xue19	mir-328	29.644
xue20	mir-328	29.972
xue21	mir-328	28.335
N5	mir-328	29.728
N1	mir-328	30.200
N2	mir-328	30.125
N3	mir-328	30.679
N4	mir-328	30.200
xue1	mir-373	32.189
xue3	mir-373	32.584
xue5	mir-373	34.188
xue6	mir-373	31.858
xue10	mir-373	34.286

xue13	mir-373	31.934
xue14	mir-373	32.404
xue15	mir-373	32.339
xue19	mir-373	31.742
xue20	mir-373	32.318
xue21	mir-373	30.858
N5	mir-373	34.052
N1	mir-373	33.618
N2	mir-373	35.847
N3	mir-373	33.260
N4	mir-373	32.544
xue1	mir-432	28.829
xue3	mir-432	28.937
xue5	mir-432	28.242
xue6	mir-432	29.012
xue10	mir-432	28.380
xue13	mir-432	27.614
xue14	mir-432	28.020
xue15	mir-432	28.543
xue19	mir-432	28.016
xue20	mir-432	27.750
xue21	mir-432	27.787
N5	mir-432	29.722
N1	mir-432	29.395
N2	mir-432	29.310
N3	mir-432	28.739
N4	mir-432	28.052
xue1	mir-432-3p	29.966
xue3	mir-432-3p	29.101
xue5	mir-432-3p	28.218
xue6	mir-432-3p	29.070
xue10	mir-432-3p	28.737
xue13	mir-432-3p	28.762
xue14	mir-432-3p	27.709
xue15	mir-432-3p	28.195
xue19	mir-432-3p	28.431
xue20	mir-432-3p	27.545
xue21	mir-432-3p	27.905
N5	mir-432-3p	29.638
N1	mir-432-3p	28.149
N2	mir-432-3p	28.683
N3	mir-432-3p	29.258
N4	mir-432-3p	28.941
xue1	mir-505	28.420
xue3	mir-505	27.804
xue5	mir-505	29.130
xue6	mir-505	28.729
xue10	mir-505	28.503
xue13	mir-505	27.959
xue14	mir-505	28.265
xue15	mir-505	28.014

xue19	mir-505	27.129
xue20	mir-505	27.969
xue21	mir-505	28.241
N5	mir-505	27.255
N1	mir-505	27.220
N2	mir-505	27.437
N3	mir-505	27.024
N4	mir-505	27.313
xue1	mir-613	32.078
xue3	mir-613	31.840
xue5	mir-613	31.457
xue6	mir-613	31.876
xue10	mir-613	31.548
xue13	mir-613	32.255
xue14	mir-613	31.753
xue15	mir-613	32.410
xue19	mir-613	31.975
xue20	mir-613	31.701
xue21	mir-613	32.219
N5	mir-613	33.316
N1	mir-613	32.149
N2	mir-613	32.000
N3	mir-613	32.693
N4	mir-613	32.671
xue1	mir-651	32.122
xue3	mir-651	30.178
xue5	mir-651	29.817
xue6	mir-651	30.369
xue10	mir-651	29.902
xue13	mir-651	28.823
xue14	mir-651	29.420
xue15	mir-651	30.112
xue19	mir-651	29.450
xue20	mir-651	30.522
xue21	mir-651	30.303
N5	mir-651	31.295
N1	mir-651	29.466
N2	mir-651	30.444
N3	mir-651	30.944
N4	mir-651	29.575
xue1	mir-769-3p	29.542
xue3	mir-769-3p	29.771
xue5	mir-769-3p	30.570
xue6	mir-769-3p	30.420
xue10	mir-769-3p	29.388
xue13	mir-769-3p	28.788
xue14	mir-769-3p	28.969
xue15	mir-769-3p	29.341
xue19	mir-769-3p	29.436
xue20	mir-769-3p	29.718
xue21	mir-769-3p	29.439

N5	mir-769-3p	29.465
N1	mir-769-3p	30.245
N2	mir-769-3p	29.569
N3	mir-769-3p	30.049
N4	mir-769-3p	29.808
xue1	mir-942	29.082
xue3	mir-942	29.090
xue5	mir-942	28.888
xue6	mir-942	28.856
xue10	mir-942	29.068
xue13	mir-942	29.409
xue14	mir-942	29.108
xue15	mir-942	29.178
xue19	mir-942	29.454
xue20	mir-942	29.439
xue21	mir-942	29.372
N5	mir-942	30.514
N1	mir-942	30.057
N2	mir-942	29.330
N3	mir-942	29.992
N4	mir-942	29.870