

Figure S1. Transfection efficiency of miR-203 mimics determined by RT-qPCR. miR-203 was significantly increased in SUM159 cells transfected with miR-203 mimics compared with the Cntrl group transfected with miR-203 NC. * $P < 0.05$, compared with the Cntrl group (unpaired t-test). RT-q, reverse transcription-quantitative; miR-microRNA; Cntrl, control group.

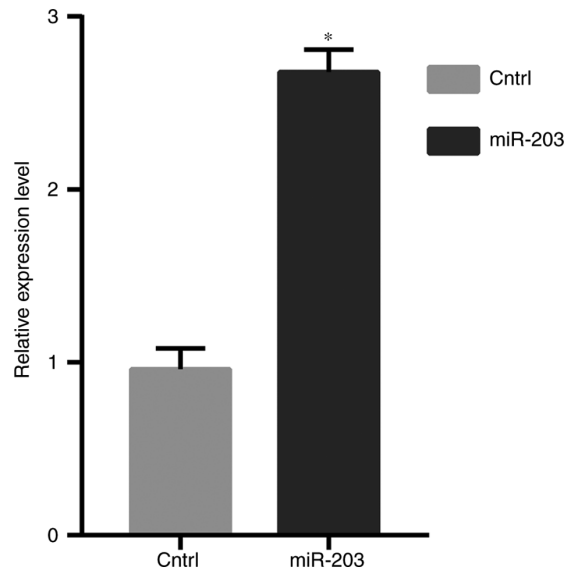


Figure S2. Free fatty acid content in control transfected with miR-203 NC and miR-203 transfected with miR-203 mimics groups. The fatty acid content was significantly reduced in the miR-203 groups compared with the Cntrl group. * $P < 0.05$, compared with the Cntrl group (unpaired t-test). miR-microRNA; Cntrl, control group.

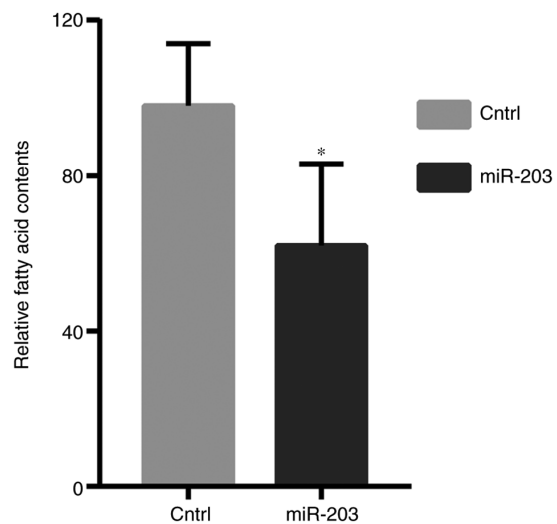


Figure S3. The transfection efficiency of miR-203 mimic and pCMV6-XL5-FKBP5 were determined by RT-qPCR. (A) miR-203 expression was significantly increased in the SUM159 transfected with miR-203 mimics compared with the Cntrl group (SUM159 cells transfected with miR-203 NC). (B) FKBP5 expression was significantly increased in SUM159 cells transfected with pCMV6-XL5-FKBP5 vector and miR-203 mimics compared with the Cntrl group (SUM159 cells transfected with empty control vector pCMV6-XL5). * $P < 0.05$ compared with the Cntrl group (unpaired t-test). miR-microRNA; Cntrl, control group; FKBP5, FK506 binding protein 5; RT-q, reverse transcription-quantitative.

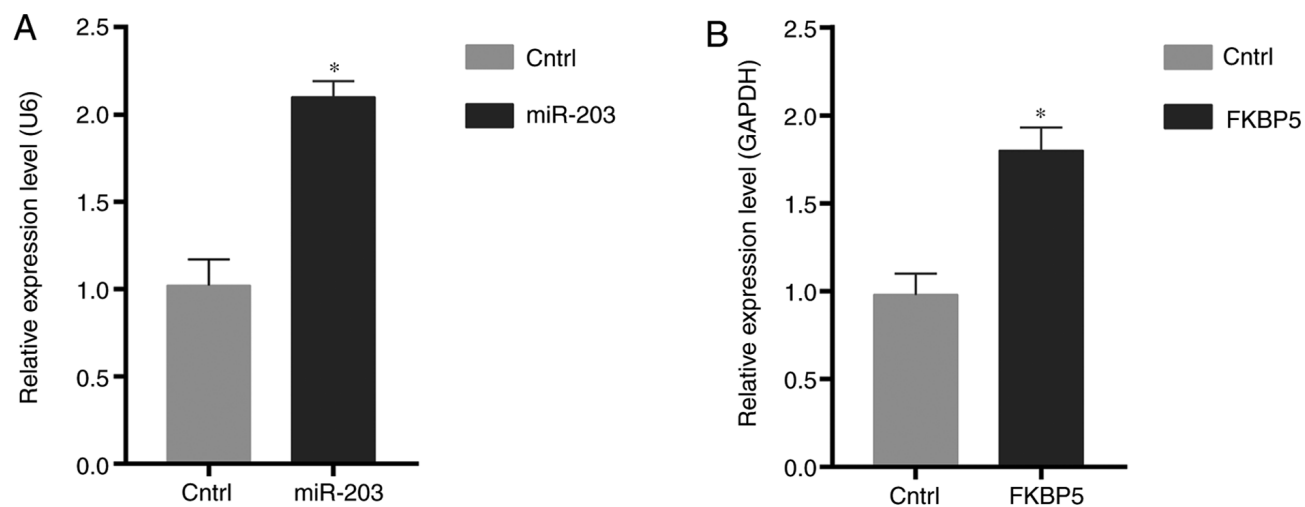


Table SI. Differentially expressed genes between miR-203 mimic and miR-203 NC groups by Limma v.3.40.2.

Identifier	logFC	AveExpr	t	P.Value	adj.P.Val	B-statistic
LIPE-AS1	-2.41	4.28	-23.893	1.76×10^{-06}	0.03046	4.37268
TESPA1	-2.51	6.14	-20.811	3.57×10^{-06}	0.03046	4.09075
STK26	-2.56	7.24	-20.009	4.36×10^{-06}	0.03046	4.00114
MAB21L3	3.04	3.51	19.256	5.31×10^{-06}	0.03046	3.90948
INTU	-2.75	8.78	-18.876	5.87×10^{-06}	0.03046	3.86024
SERPINB3	2.23	10.61	18.637	6.27×10^{-06}	0.03046	3.82815
FHL2	1.60	11.45	16.800	1.06×10^{-05}	0.03581	3.54977

SERPINB4	2.22	10.62	16.774	1.07×10^{-05}	0.03581	3.54546
M31157	4.07	4.95	16.669	1.11×10^{-05}	0.03581	3.52758
C20orf96	2.98	4.61	15.856	1.42×10^{-05}	0.03908	3.38133
AF085919	2.38	5.30	15.748	1.47×10^{-05}	0.03908	3.36093
GPR143	1.53	8.78	14.676	2.11×10^{-05}	0.04289	3.14142
VEGFC	1.73	7.91	14.645	2.13×10^{-05}	0.04289	3.13444
IL13RA2	2.02	8.65	14.371	2.34×10^{-05}	0.04289	3.07337
SIX6	-2.08	4.41	-14.314	2.39×10^{-05}	0.04289	3.06033
DUSP6	1.59	8.68	14.132	2.55×10^{-05}	0.04289	3.01797

				05		
NID1	-2.40	6.58	-14.106	2.57×10^{-05}	0.04289	3.01205
PTHLH	3.58	5.61	14.026	2.65×10^{-05}	0.04289	2.99304
LASP1	-1.58	12.07	-13.510	3.20×10^{-05}	0.04908	2.86605
AA700644	-2.65	4.29	-13.213	3.58×10^{-05}	0.05214	2.78908
LAPTM5	-2.06	9.85	-12.701	4.36×10^{-05}	0.05713	2.64890
LOC101929657	2.35	3.85	12.551	4.63×10^{-05}	0.05713	2.60601
CKMT1A	-1.63	8.05	-12.546	4.64×10^{-05}	0.05713	2.60446
DLG5	-1.35	11.35	-12.092	5.58×10^{-05}	0.05713	2.46907

KCNMB4	1.33	8.22	12.020	5.75×10^{-05}	0.05713	2.44684
SGK1	1.28	10.59	11.974	5.86×10^{-05}	0.05713	2.43225
PLPP3	-1.35	9.92	-11.971	5.87×10^{-05}	0.05713	2.43148
CLEC4A	-2.81	3.09	-11.877	6.10×10^{-05}	0.05713	2.40185
ACTL8	2.30	6.97	11.825	6.24×10^{-05}	0.05713	2.38521
BC039406	3.82	2.00	11.810	6.28×10^{-05}	0.05713	2.38051
HHATL	1.87	5.05	11.729	6.50×10^{-05}	0.05713	2.35448
PNPLA4	-1.27	8.94	-11.675	6.65×10^{-05}	0.05713	2.33682
AI307778	-3.68	3.90	-11.660	6.69×10^{-05}	0.05713	2.33194

				05		
IL6	1.91	11.83	11.607	6.84×10^{-05}	0.05713	2.31482
LOC439951	-2.36	4.99	-11.604	6.86×10^{-05}	0.05713	2.31356
AI912163	-2.18	5.23	-11.502	7.16×10^{-05}	0.05804	2.27975
LOC374890	2.06	4.45	11.298	7.83×10^{-05}	0.06016	2.21080
NCF2	2.27	4.83	11.248	8.01×10^{-05}	0.06016	2.19361
DKK1	1.24	12.71	11.237	8.04×10^{-05}	0.06016	2.18992
VIPR1	-1.46	7.19	-10.971	9.06×10^{-05}	0.06608	2.09605
SLC39A10	-1.18	10.78	-10.792	9.84×10^{-05}	0.06835	2.03084

EREG	1.75	9.29	10.791	9.84×10^{-05}	0.06835	2.03023
KYNU	1.43	9.51	10.622	1.06×10^{-04}	0.07101	1.96711
KLHL13	-1.34	6.58	-10.597	1.08×10^{-04}	0.07101	1.95758
RNF125	1.39	7.73	10.514	1.12×10^{-04}	0.07101	1.92618
ADGRG2	-1.72	10.06	-10.513	1.12×10^{-04}	0.07101	1.92589
CCL20	1.24	10.34	10.359	1.21×10^{-04}	0.07178	1.86580
BC036616	3.75	2.69	10.304	1.24×10^{-04}	0.07178	1.84435
AV721789	-1.15	8.10	-10.264	1.26×10^{-04}	0.07178	1.82828
HLTF	-1.09	10.29	-10.197	1.30×10^{-04}	0.07178	1.80176

				04		
PEG3-AS1	-2.73	3.75	-10.189	1.31×10^{-04}	0.07178	1.79839
N29638	-1.60	5.24	-10.155	1.33×10^{-04}	0.07178	1.78454
AF147400	1.54	4.19	10.133	1.34×10^{-04}	0.07178	1.77566
VCAN	1.25	8.14	10.103	1.36×10^{-04}	0.07178	1.76361
LINC00518	2.76	3.20	10.086	1.38×10^{-04}	0.07178	1.75656
FGF13	1.08	10.46	10.082	1.38×10^{-04}	0.07178	1.75492
AL832401	2.28	2.12	9.958	1.47×10^{-04}	0.07373	1.70385
ABI3BP	-1.15	10.42	-9.942	1.48×10^{-04}	0.07373	1.69735

SH3YL1	-1.89	8.42	-9.907	1.50×10^{-04}	0.07373	1.68243
FKBP5	-1.05	11.66	-9.882	1.52×10^{-04}	0.07373	1.67204
MNX1-AS1	-1.45	2.90	-9.826	1.57×10^{-04}	0.07373	1.64820
ZNF420	-1.35	7.19	-9.792	1.59×10^{-04}	0.07373	1.63399
EPSTI1	1.40	8.11	9.791	1.59×10^{-04}	0.07373	1.63340
SOST	1.62	9.93	9.726	1.65×10^{-04}	0.07382	1.60587
CNR1	-1.24	8.78	-9.600	1.75×10^{-04}	0.07752	1.55110
PCDH17	-1.21	7.31	-9.460	1.89×10^{-04}	0.08114	1.48881
COL9A3	1.75	3.11	9.454	1.89×10^{-04}	0.08114	1.48627

				04		
ARL4C	-1.40	5.03	-9.399	1.95×10^{-04}	0.08180	1.46144
KRT81	-1.71	9.64	-9.372	1.98×10^{-04}	0.08180	1.44902
LINC01220	-1.71	2.03	-9.341	2.01×10^{-04}	0.08180	1.43513
PLEKHA7	1.88	6.36	9.231	2.13×10^{-04}	0.08180	1.38435
KRT17	1.26	9.49	9.172	2.20×10^{-04}	0.08180	1.35710
PHLDA1	1.17	9.59	9.166	2.20×10^{-04}	0.08180	1.35441
AMIGO2	1.07	13.59	9.101	2.28×10^{-04}	0.08180	1.32367
ECM2	-1.05	7.97	-9.090	2.29×10^{-04}	0.08180	1.31832

AF116642	-2.22	3.97	-9.036	2.36×10^{-04}	0.08180	1.29273
MYOM2	-3.08	4.60	-9.008	2.40×10^{-04}	0.08180	1.27937
ARHGAP29	1.37	8.61	9.001	2.41×10^{-04}	0.08180	1.27623
LOC100509764	-1.27	10.99	-8.981	2.43×10^{-04}	0.08180	1.26665
TMEFF2	1.04	8.17	8.976	2.44×10^{-04}	0.08180	1.26391
ANGPTL6	1.55	3.49	8.948	2.48×10^{-04}	0.08180	1.25082
AF339767	3.23	4.06	8.933	2.50×10^{-04}	0.08180	1.24356
GPR18	2.93	3.23	8.922	2.51×10^{-04}	0.08180	1.23825
E2F7	1.06	9.04	8.914	2.52×10^{-04}	0.08180	1.23405

				04		
CDH6	-1.18	7.22	-8.799	2.69×10^{-04}	0.08479	1.17779
LOC105374676	-1.06	7.52	-8.792	2.70×10^{-04}	0.08479	1.17418
ITGB8	1.33	6.28	8.789	2.70×10^{-04}	0.08479	1.17286
AA167167	1.85	5.06	8.661	2.90×10^{-04}	0.08660	1.10896
FRRS1	-3.25	2.48	-8.657	2.91×10^{-04}	0.08660	1.10694
ATP6V1C2	-1.87	5.32	-8.657	2.91×10^{-04}	0.08660	1.10671
PCDH7	1.03	8.79	8.645	2.93×10^{-04}	0.08660	1.10050
AL832835	1.04	9.65	8.636	2.95×10^{-04}	0.08660	1.09594

KCTD12	-1.14	6.99	-8.579	3.04×10^{-04}	0.08660	1.06694
LINC01006	-2.64	4.79	-8.569	3.06×10^{-04}	0.08660	1.06226
AW362945	-2.30	5.04	-8.433	3.31×10^{-04}	0.09228	0.99150
KLHL15	-1.35	8.79	-8.415	3.34×10^{-04}	0.09228	0.98222
FAM30A	1.76	4.13	8.409	3.35×10^{-04}	0.09228	0.97880
GSG1	-2.50	4.65	-8.327	3.52×10^{-04}	0.09455	0.93548
BACE2	-1.25	6.94	-8.278	3.62×10^{-04}	0.09480	0.90975
BACH1	1.26	7.51	8.268	3.64×10^{-04}	0.09480	0.90449
AF086147	-3.19	2.62	-8.258	3.66×10^{-04}	0.09480	0.89868

				04		
PLAU	1.06	8.27	8.234	3.71×10^{-04}	0.09480	0.88572
IL1A	1.42	8.23	8.163	3.87×10^{-04}	0.09480	0.84763
CA11	-1.20	8.58	-8.140	3.93×10^{-04}	0.09480	0.83482
PIK3AP1	-1.15	7.32	-8.139	3.93×10^{-04}	0.09480	0.83416
GIMAP2	-1.71	5.39	-8.111	3.99×10^{-04}	0.09480	0.81917
CRISP3	-2.14	6.57	-8.109	4.00×10^{-04}	0.09480	0.81778
DPPA4	1.70	2.71	8.069	4.10×10^{-04}	0.09555	0.79559
TNNT1	-1.61	7.94	-8.030	4.19×10^{-04}	0.09702	0.77412

AL110172	-2.98	2.14	-7.994	4.28×10^{-04}	0.09747	0.75381
NYX	-1.97	4.12	-7.958	4.38×10^{-04}	0.09747	0.73373
AW014631	-2.71	3.13	-7.925	4.47×10^{-04}	0.09764	0.71503
HSD11B1	1.54	7.85	7.918	4.49×10^{-04}	0.09764	0.71107
AU147091	2.44	4.32	7.895	4.55×10^{-04}	0.09767	0.69802
GAL3ST1	-1.94	4.23	-7.893	4.56×10^{-04}	0.09767	0.69694
LAMB3	1.65	8.62	7.851	4.67×10^{-04}	0.09865	0.67289
SERPINA1	1.07	6.68	7.836	4.72×10^{-04}	0.09865	0.66447
SERHL2	1.26	4.85	7.836	4.72×10^{-04}	0.09865	0.66429

				04		
AI023795	-1.17	6.06	-7.806	4.80×10^{-04}	0.09865	0.64729
AA648502	-1.97	5.05	-7.780	4.88×10^{-04}	0.09893	0.63228
AI732119	-2.42	3.23	-7.773	4.90×10^{-04}	0.09893	0.62842
FAM138E	2.26	3.39	7.768	4.92×10^{-04}	0.09893	0.62511
SLC12A8	1.46	8.28	7.742	5.00×10^{-04}	0.09901	0.61012
AK024712	3.37	2.83	7.724	5.06×10^{-04}	0.09901	0.59949
MAGEH1	-1.13	8.89	-7.699	5.13×10^{-04}	0.09901	0.58486
TMSB15B	-1.17	6.05	-7.678	5.20×10^{-04}	0.09901	0.57256

CLIP1-AS1	-2.01	3.97	-7.675	5.21×10^{-04}	0.09901	0.57108
LINC00301	-1.65	2.71	-7.670	5.23×10^{-04}	0.09901	0.56778
CNPY1	-2.90	2.60	-7.636	5.34×10^{-04}	0.09973	0.54806
AI766224	3.26	2.63	7.635	5.34×10^{-04}	0.09973	0.54739
ATP1A2	-2.11	7.38	-7.626	5.37×10^{-04}	0.09973	0.54188
AL079294	-2.83	4.65	-7.607	5.44×10^{-04}	0.09973	0.53080
NRG1	1.12	7.43	7.593	5.49×10^{-04}	0.09998	0.52218
RASGRP1	1.12	9.17	7.570	5.56×10^{-04}	0.09998	0.50894
LOC100996760	1.13	9.33	7.501	5.82×10^{-04}	0.10186	0.46693

				04		
AK093345	-2.15	4.19	-7.482	5.89×10^{-04}	0.10186	0.45537
NID2	1.36	6.04	7.478	5.90×10^{-04}	0.10186	0.45303
IFIT2	1.10	7.59	7.452	6.00×10^{-04}	0.10220	0.43745
EGFL7	-1.31	5.84	-7.416	6.14×10^{-04}	0.10220	0.41548
BC017416	-2.04	4.62	-7.411	6.16×10^{-04}	0.10220	0.41217
MIR15A	1.23	6.29	7.377	6.30×10^{-04}	0.10320	0.39121
UMODL1	3.71	3.09	7.348	6.42×10^{-04}	0.10395	0.37362
F3	1.02	11.99	7.335	6.47×10^{-04}	0.10402	0.36563

LINC01279	-1.24	8.72	-7.286	6.68×10^{-04}	0.10402	0.33468
PPP1R3B	1.30	6.77	7.265	6.77×10^{-04}	0.10402	0.32185
LOC100506088	-1.06	2.84	-7.262	6.79×10^{-04}	0.10402	0.31985
DOCK4	1.30	6.41	7.245	6.86×10^{-04}	0.10402	0.30899
EMC3-AS1	-1.53	5.36	-7.244	6.87×10^{-04}	0.10402	0.30848
CYFIP2	-1.10	6.92	-7.226	6.95×10^{-04}	0.10402	0.29741
PTPRS	-1.13	7.81	-7.177	7.18×10^{-04}	0.10438	0.26604
ACAT2	1.01	10.38	7.175	7.19×10^{-04}	0.10438	0.26494
NUP210	-1.34	7.14	-7.174	7.19×10^{-04}	0.10438	0.26382

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RPL23AP53	1.26	4.34	7.062	7.75×10^{-04}	0.10693	0.19192
DGCR7	1.05	4.70	7.029	7.93×10^{-04}	0.10851	0.17040
AL833286	3.08	3.23	7.012	8.02×10^{-04}	0.10876	0.15932
MEF2C-AS1	-2.13	4.88	-7.004	8.06×10^{-04}	0.10883	0.15405
AF086490	-3.41	2.63	-6.987	8.15×10^{-04}	0.10904	0.14323
GPR65	1.81	5.90	6.959	8.31×10^{-04}	0.10929	0.12475
AU147635	-1.49	4.89	-6.942	8.40×10^{-04}	0.10929	0.11350
MUCL1	-4.23	6.17	-6.917	8.55×10^{-04}	0.10929	0.09688

FMO3	1.07	6.42	6.908	8.60×10^{-04}	0.10929	0.09111
BF055156	3.32	2.57	6.877	8.79×10^{-04}	0.10929	0.07024
H65306	-2.62	3.14	-6.870	8.83×10^{-04}	0.10929	0.06574
KIAA1462	-1.31	6.26	-6.869	8.84×10^{-04}	0.10929	0.06476
UBQLNL	2.07	5.23	6.866	8.85×10^{-04}	0.10929	0.06274
IBA57	1.04	6.74	6.864	8.87×10^{-04}	0.10929	0.06137
LHFPL5	-2.71	3.99	-6.861	8.88×10^{-04}	0.10929	0.05971
TMED6	-3.20	3.64	-6.854	8.93×10^{-04}	0.10938	0.05479
MUM1L1	-3.04	4.43	-6.841	9.01×10^{-04}	0.10944	0.04611

				04		
IL7R	1.16	8.55	6.795	9.30×10^{-04}	0.11157	0.01511
LOC101927798	-1.38	3.36	-6.763	9.50×10^{-04}	0.11205	-0.00648
CCDC148	1.14	4.29	6.743	9.64×10^{-04}	0.11245	-0.02037
LOC101060443	-1.22	8.41	-6.725	9.76×10^{-04}	0.11276	-0.03270
LOC102724229	-1.14	6.36	-6.705	9.90×10^{-04}	0.11369	-0.04669
BE503692	-2.73	3.26	-6.683	1.01×10^{-03}	0.11397	-0.06138
MIR670HG	1.49	4.68	6.679	1.01×10^{-03}	0.11397	-0.06444
LINC01234	-1.05	7.16	-6.659	1.02×10^{-03}	0.11486	-0.07786

ZNF536	1.23	4.36	6.657	1.02×10^{-03}	0.11486	-0.07967
AW337166	1.22	6.35	6.605	1.06×10^{-03}	0.11628	-0.11549
YPEL2	1.11	8.25	6.605	1.06×10^{-03}	0.11628	-0.11581
TSPAN7	-1.02	6.97	-6.587	1.08×10^{-03}	0.11628	-0.12840
LOC100131864	3.05	5.39	6.585	1.08×10^{-03}	0.11628	-0.12992
CXCL8	1.14	12.83	6.581	1.08×10^{-03}	0.11628	-0.13251
ATP8B1	1.03	10.48	6.561	1.10×10^{-03}	0.11638	-0.14642
LOC101927263	-2.91	4.33	-6.550	1.10×10^{-03}	0.11638	-0.15434
ANKRD18B	-2.70	4.66	-6.549	1.11×10^{-03}	0.11638	-0.15498

				03		
RPPH1	1.17	3.43	6.544	1.11×10^{-03}	0.11638	-0.15856
GRAMD3	1.03	8.26	6.525	1.12×10^{-03}	0.11690	-0.17205
TIMP3	-1.34	7.70	-6.511	1.14×10^{-03}	0.11705	-0.18181
BE218418	-1.86	4.33	-6.479	1.16×10^{-03}	0.11746	-0.20488
DMRTC2	2.59	4.54	6.453	1.18×10^{-03}	0.11792	-0.22350
MAP3K5	1.73	7.33	6.443	1.19×10^{-03}	0.11834	-0.23040
EEF1A2	-1.17	10.22	-6.433	1.20×10^{-03}	0.11878	-0.23746
LOC284661	1.48	2.97	6.391	1.24×10^{-03}	0.12045	-0.26802

BF594828	4.01	2.40	6.384	1.25×10^{-03}	0.12060	-0.27276
LINC00462	1.81	3.93	6.375	1.25×10^{-03}	0.12065	-0.27956
GPR88	2.60	3.55	6.336	1.29×10^{-03}	0.12273	-0.30752
SHROOM2	1.28	6.92	6.286	1.34×10^{-03}	0.12427	-0.34419
CXCL10	1.12	7.49	6.263	1.36×10^{-03}	0.12427	-0.36166
ZNF680	-1.30	6.50	-6.257	1.37×10^{-03}	0.12427	-0.36621
PCSK9	1.66	6.30	6.256	1.37×10^{-03}	0.12427	-0.36697
SLC12A5	-1.51	4.47	-6.243	1.38×10^{-03}	0.12427	-0.37632
RNF186	1.32	5.34	6.242	1.38×10^{-03}	0.12427	-0.37717

				03		
GABRG3-AS1	-1.38	2.85	-6.236	1.39×10^{-03}	0.12427	-0.38111
AL833615	-1.36	6.14	-6.216	1.41×10^{-03}	0.12427	-0.39648
AW025980	-1.50	8.47	-6.209	1.42×10^{-03}	0.12427	-0.40133
AF222857	-2.45	2.89	-6.206	1.42×10^{-03}	0.12427	-0.40354
RGS7	1.60	6.11	6.206	1.42×10^{-03}	0.12427	-0.40398
SMARCA1	-1.24	5.70	-6.124	1.51×10^{-03}	0.12730	-0.46516
BC002465	3.14	2.89	6.124	1.51×10^{-03}	0.12730	-0.46558
AIM1	1.31	8.07	6.080	1.56×10^{-03}	0.12941	-0.49898

SNORA37	-1.88	4.39	-6.072	1.57×10^{-03}	0.12958	-0.50501
TMEM257	1.87	4.10	6.060	1.58×10^{-03}	0.12958	-0.51396
MYL1	-1.26	4.63	-6.052	1.60×10^{-03}	0.12958	-0.52044
LCAT	1.36	5.31	6.037	1.61×10^{-03}	0.12994	-0.53161
HES2	2.46	3.89	6.007	1.65×10^{-03}	0.13037	-0.55501
MAGEA11	-1.17	9.14	-6.001	1.66×10^{-03}	0.13037	-0.55971
LOC101929584	1.50	6.03	5.988	1.67×10^{-03}	0.13093	-0.56915
KHDC3L	2.86	4.56	5.984	1.68×10^{-03}	0.13093	-0.57213
AI763188	-2.43	3.39	-5.979	1.69×10^{-03}	0.13117	-0.57664

				03		
BQ023350	2.78	4.03	5.953	1.72×10^{-03}	0.13310	-0.59677
LOC100131262	1.22	9.00	5.910	1.78×10^{-03}	0.13454	-0.62992
NDST4	1.90	4.39	5.900	1.79×10^{-03}	0.13454	-0.63802
TSPAN18	-1.29	6.54	-5.893	1.80×10^{-03}	0.13480	-0.64379
PRR15	1.94	3.18	5.876	1.83×10^{-03}	0.13517	-0.65692
LOC440346	-2.15	2.83	-5.874	1.83×10^{-03}	0.13517	-0.65833
AL512726	-1.07	4.61	-5.839	1.88×10^{-03}	0.13568	-0.68640
AF113687	1.99	3.52	5.815	1.92×10^{-03}	0.13692	-0.70526

AK022415	1.03	2.69	5.799	1.94×10^{-03}	0.13706	-0.71823
BC042962	1.03	3.88	5.798	1.94×10^{-03}	0.13706	-0.71862
X68994	-2.49	3.32	-5.755	2.01×10^{-03}	0.13961	-0.75296
STAC3	-1.41	6.37	-5.753	2.01×10^{-03}	0.13961	-0.75440
COL3A1	1.60	5.53	5.737	2.04×10^{-03}	0.14066	-0.76755
AL049301	1.90	4.16	5.734	2.04×10^{-03}	0.14066	-0.77040
ZFP30	-1.07	7.29	-5.725	2.06×10^{-03}	0.14066	-0.77738
LINC01116	-1.03	6.87	-5.699	2.10×10^{-03}	0.14090	-0.79861
CXorf58	2.92	3.64	5.695	2.11×10^{-03}	0.14090	-0.80180

				03		
LIPG	1.86	5.61	5.685	2.12×10^{-03}	0.14135	-0.81006
AW770669	2.58	4.12	5.682	2.13×10^{-03}	0.14135	-0.81178
ANK2	-1.11	6.06	-5.663	2.16×10^{-03}	0.14227	-0.82755
RAPGEF1	-1.02	8.35	-5.658	2.17×10^{-03}	0.14227	-0.83136
FGL1	1.68	7.80	5.649	2.18×10^{-03}	0.14227	-0.83888
CSGALNACT1	2.84	5.43	5.641	2.20×10^{-03}	0.14234	-0.84531
OLR1	1.10	5.62	5.637	2.21×10^{-03}	0.14234	-0.84882
T79746	-2.06	3.80	-5.632	2.22×10^{-03}	0.14262	-0.85309

AA879074	-1.86	4.79	-5.608	2.26×10^{-03}	0.14312	-0.87281
PRSS54	-1.64	4.51	-5.583	2.30×10^{-03}	0.14420	-0.89318
SCGB1D2	2.30	3.79	5.572	2.33×10^{-03}	0.14457	-0.90240
AW298153	2.40	3.58	5.563	2.34×10^{-03}	0.14499	-0.90969
BC039355	3.56	2.28	5.559	2.35×10^{-03}	0.14521	-0.91343
AF075064	2.06	4.21	5.530	2.41×10^{-03}	0.14618	-0.93742
ZNF546	-1.22	5.52	-5.524	2.42×10^{-03}	0.14654	-0.94250
SNX8	1.40	5.71	5.498	2.47×10^{-03}	0.14777	-0.96454
IMPG2	-1.28	4.13	-5.477	2.51×10^{-03}	0.14866	-0.98181

				03		
LINC00842	2.69	4.21	5.477	2.51×10^{-03}	0.14866	-0.98198
OLFML3	-1.95	7.28	-5.459	2.55×10^{-03}	0.15022	-0.99681
RNU6-501P	2.62	3.35	5.429	2.61×10^{-03}	0.15218	-1.02244
BF642798	2.30	4.52	5.420	2.63×10^{-03}	0.15232	-1.03008
BC017991	-2.02	4.34	-5.407	2.66×10^{-03}	0.15251	-1.04127
UPK1B	1.06	5.10	5.381	2.72×10^{-03}	0.15454	-1.06373
HIC1	1.94	4.13	5.365	2.76×10^{-03}	0.15526	-1.07730
CCND2	-1.66	6.43	-5.330	2.84×10^{-03}	0.15728	-1.10730

LOC339260	1.53	3.88	5.302	2.91×10^{-03}	0.15942	-1.13101
BC033401	-1.29	5.79	-5.290	2.94×10^{-03}	0.15942	-1.14156
IPO11	1.27	4.98	5.280	2.96×10^{-03}	0.15989	-1.15033
AI917371	-2.45	4.55	-5.265	3.00×10^{-03}	0.16060	-1.16319
BE646288	1.92	3.12	5.261	3.01×10^{-03}	0.16060	-1.16732
AA905678	2.49	3.45	5.260	3.01×10^{-03}	0.16060	-1.16801
AL832948	-1.04	5.04	-5.251	3.03×10^{-03}	0.16060	-1.17568
CXCL11	1.06	6.69	5.230	3.09×10^{-03}	0.16196	-1.19385
MTMR9LP	1.29	5.62	5.220	3.12×10^{-03}	0.16230	-1.20328

				03		
FGF10	-2.71	3.51	-5.217	3.12×10^{-03}	0.16232	-1.20589
MEPE	1.60	3.59	5.206	3.15×10^{-03}	0.16232	-1.21573
DPY19L2P3	2.38	4.33	5.197	3.18×10^{-03}	0.16232	-1.22300
CCL8	2.16	4.51	5.192	3.19×10^{-03}	0.16268	-1.22757
AI911957	-1.74	4.53	-5.188	3.20×10^{-03}	0.16294	-1.23104
ST7-AS2	2.18	2.47	5.183	3.21×10^{-03}	0.16333	-1.23528
BE219036	-3.05	3.69	-5.176	3.24×10^{-03}	0.16389	-1.24217
SHISA2	2.66	3.04	5.162	3.27×10^{-03}	0.16490	-1.25390

GIMAP5	-1.39	5.77	-5.161	3.28×10^{-03}	0.16490	-1.25529
BE670593	1.82	3.28	5.160	3.28×10^{-03}	0.16490	-1.25591
BC021677	1.61	5.17	5.125	3.38×10^{-03}	0.16857	-1.28762
KCNJ1	-1.54	3.51	-5.123	3.39×10^{-03}	0.16857	-1.28933
AW451426	2.36	2.93	5.105	3.44×10^{-03}	0.16980	-1.30481
LINC00317	-1.20	5.71	-5.094	3.47×10^{-03}	0.16991	-1.31491
AF086295	-3.78	1.51	-5.082	3.51×10^{-03}	0.17024	-1.32572
BC014056	-1.45	6.25	-5.073	3.54×10^{-03}	0.17064	-1.33371
BC028700	2.15	3.79	5.068	3.55×10^{-03}	0.17064	-1.33816

				03		
CRYGC	-1.87	5.45	-5.066	3.56×10^{-03}	0.17064	-1.33975
AK093248	1.13	2.10	5.058	3.58×10^{-03}	0.17064	-1.34752
BE550048	1.35	4.97	5.056	3.59×10^{-03}	0.17064	-1.34895
AF147422	-2.46	3.01	-5.043	3.63×10^{-03}	0.17177	-1.36054
AW449644	2.97	4.58	5.038	3.65×10^{-03}	0.17203	-1.36544
DCC	1.06	4.45	5.036	3.65×10^{-03}	0.17203	-1.36712
AI698076	2.48	3.82	5.030	3.67×10^{-03}	0.17259	-1.37228
C1orf64	-1.56	4.85	-5.020	3.70×10^{-03}	0.17274	-1.38142

AF052176	2.97	3.50	5.012	3.73×10^{-03}	0.17302	-1.38897
ZNF594	-1.20	4.87	-4.995	3.79×10^{-03}	0.17368	-1.40463
AW513654	-1.86	6.41	-4.961	3.90×10^{-03}	0.17630	-1.43539
BC038589	-1.00	6.88	-4.961	3.90×10^{-03}	0.17630	-1.43553
LPAR2	-1.41	5.73	-4.943	3.96×10^{-03}	0.17649	-1.45240
AA744844	-1.57	4.27	-4.939	3.98×10^{-03}	0.17649	-1.45603
OLIG3	2.04	3.60	4.938	3.98×10^{-03}	0.17649	-1.45681
LOC100509457	1.74	3.16	4.937	3.99×10^{-03}	0.17649	-1.45819
AW139588	1.73	2.10	4.934	3.99×10^{-03}	0.17649	-1.46028

				03		
LINC00556	1.13	4.48	4.924	4.03×10^{-03}	0.17677	-1.46979
KRT27	-1.87	4.45	-4.922	4.04×10^{-03}	0.17685	-1.47182
GIMAP4	1.59	1.23	4.915	4.06×10^{-03}	0.17704	-1.47762
FLJ32255	1.46	3.72	4.906	4.10×10^{-03}	0.17718	-1.48643
RGAG4	-1.64	5.46	-4.905	4.10×10^{-03}	0.17718	-1.48735
CLCA4	-1.89	2.59	-4.905	4.10×10^{-03}	0.17718	-1.48762
SUSD2	1.20	6.38	4.890	4.16×10^{-03}	0.17775	-1.50163
GZMM	-2.05	4.89	-4.879	4.20×10^{-03}	0.17775	-1.51190

LOC101927701	2.59	4.07	4.870	4.23×10^{-03}	0.17823	-1.51976
AK026872	1.03	4.32	4.861	4.26×10^{-03}	0.17909	-1.52782
SCNN1G	-1.01	5.28	-4.853	4.29×10^{-03}	0.18013	-1.53534
COL21A1	1.02	8.20	4.851	4.30×10^{-03}	0.18015	-1.53747
CDH11	1.05	6.71	4.842	4.34×10^{-03}	0.18022	-1.54591
AU147809	1.81	4.06	4.842	4.34×10^{-03}	0.18022	-1.54630
BEX5	-2.90	5.62	-4.834	4.37×10^{-03}	0.18041	-1.55309
ADAMTS20	1.26	3.57	4.829	4.39×10^{-03}	0.18041	-1.55773
PHEX-AS1	3.07	4.32	4.829	4.39×10^{-03}	0.18041	-1.55821

				03		
C2orf83	2.16	3.75	4.811	4.46×10^{-03}	0.18071	-1.57552
AF049656	1.66	3.97	4.802	4.50×10^{-03}	0.18071	-1.58397
AI829568	-1.92	4.25	-4.798	4.51×10^{-03}	0.18071	-1.58704
FOXA1	1.13	5.09	4.767	4.64×10^{-03}	0.18431	-1.61705
LINC00494	-2.57	3.77	-4.765	4.65×10^{-03}	0.18431	-1.61863
AA442776	-1.26	7.33	-4.757	4.68×10^{-03}	0.18464	-1.62588
CCL4	-1.66	3.43	-4.757	4.69×10^{-03}	0.18464	-1.62653
BC030098	2.86	2.49	4.737	4.77×10^{-03}	0.18671	-1.64512

OGDHL	-1.48	3.18	-4.737	4.77×10^{-03}	0.18671	-1.64530
ZSCAN23	-1.77	4.23	-4.728	4.81×10^{-03}	0.18671	-1.65405
GLIS3-AS1	1.71	5.90	4.727	4.81×10^{-03}	0.18671	-1.65454
EPHX3	1.28	5.79	4.722	4.84×10^{-03}	0.18671	-1.65946
AA426064	2.15	3.56	4.714	4.87×10^{-03}	0.18671	-1.66742
OTX1	-2.26	4.20	-4.705	4.91×10^{-03}	0.18781	-1.67547
BC041871	1.33	5.06	4.699	4.94×10^{-03}	0.18838	-1.68176
M77498	3.33	3.29	4.695	4.95×10^{-03}	0.18838	-1.68492
ALMS1P1	-2.02	4.06	-4.689	4.98×10^{-03}	0.18849	-1.69097

				03		
LOC100127886	3.18	2.04	4.667	5.09×10^{-03}	0.18977	-1.71229
AI276642	-1.22	5.17	-4.666	5.09×10^{-03}	0.18977	-1.71325
AA534774	2.41	4.69	4.664	5.10×10^{-03}	0.18977	-1.71478
R78413	-2.34	5.13	-4.653	5.15×10^{-03}	0.19028	-1.72590
AA778747	-2.16	4.09	-4.652	5.16×10^{-03}	0.19028	-1.72653
HAS2	1.26	5.32	4.647	5.18×10^{-03}	0.19028	-1.73132
NKX3-2	1.73	4.02	4.646	5.19×10^{-03}	0.19028	-1.73263
IKZF3	1.64	3.88	4.638	5.22×10^{-03}	0.19028	-1.73997

PRSS37	-1.21	4.26	-4.638	5.22×10^{-03}	0.19028	-1.74023
AK026701	2.08	2.42	4.628	5.27×10^{-03}	0.19160	-1.74998
EPHA1-AS1	-1.64	4.93	-4.627	5.28×10^{-03}	0.19160	-1.75063
KHK	1.15	5.07	4.618	5.32×10^{-03}	0.19200	-1.75950
BI821213	2.81	3.62	4.609	5.37×10^{-03}	0.19230	-1.76858
GADD45G	-1.13	6.56	-4.601	5.40×10^{-03}	0.19230	-1.77594
AA884987	-1.90	2.68	-4.601	5.41×10^{-03}	0.19230	-1.77635
PHYHIP	2.11	3.53	4.596	5.43×10^{-03}	0.19248	-1.78113
TRAF1	1.32	6.55	4.589	5.47×10^{-03}	0.19324	-1.78840

				03		
CUX2	-1.29	5.58	-4.576	5.53×10^{-03}	0.19437	-1.80031
AI887903	1.98	3.74	4.572	5.55×10^{-03}	0.19470	-1.80457
GRIK4	2.30	4.69	4.568	5.58×10^{-03}	0.19484	-1.80852
LOC100287598	-1.70	5.03	-4.560	5.62×10^{-03}	0.19484	-1.81675
GYPE	-2.26	3.01	-4.557	5.63×10^{-03}	0.19484	-1.81946
AW118819	-2.46	2.21	-4.554	5.65×10^{-03}	0.19484	-1.82257
PLGLB2	-2.85	3.01	-4.552	5.66×10^{-03}	0.19484	-1.82439
PLBD1	-2.58	3.99	-4.551	5.67×10^{-03}	0.19484	-1.82532

ATP6AP1L	-1.41	6.72	-4.539	5.73×10^{-03}	0.19553	-1.83733
AL832954	2.91	2.61	4.537	5.74×10^{-03}	0.19553	-1.83912
LINC01512	-2.57	4.26	-4.536	5.75×10^{-03}	0.19553	-1.83987
SLC25A31	2.33	2.55	4.527	5.79×10^{-03}	0.19553	-1.84844
LOC646484	2.49	3.36	4.527	5.79×10^{-03}	0.19553	-1.84854
LRRN2	-1.33	4.73	-4.527	5.79×10^{-03}	0.19553	-1.84883
BC034915	-2.05	2.49	-4.517	5.85×10^{-03}	0.19553	-1.85833
BG470800	1.92	3.83	4.515	5.86×10^{-03}	0.19553	-1.86087
CCDC190	2.48	2.54	4.506	5.91×10^{-03}	0.19553	-1.86966

				03		
BE502725	1.07	6.17	4.504	5.92×10^{-03}	0.19553	-1.87106
APELA	1.52	2.39	4.501	5.94×10^{-03}	0.19553	-1.87482
ACPP	1.35	4.98	4.498	5.96×10^{-03}	0.19553	-1.87776
AA642385	2.40	3.39	4.477	6.08×10^{-03}	0.19753	-1.89863
CAND1.11	1.22	4.90	4.468	6.13×10^{-03}	0.19855	-1.90724
FOXJ1	1.49	5.21	4.463	6.16×10^{-03}	0.19880	-1.91235
LRFN5	-1.58	5.10	-4.456	6.20×10^{-03}	0.19922	-1.91922
R38110	2.49	2.95	4.453	6.21×10^{-03}	0.19952	-1.92193

AW439817	-1.11	7.22	-4.433	6.33×10^{-03}	0.19973	-1.94178
OTX2	-2.42	4.02	-4.426	6.38×10^{-03}	0.19973	-1.94912
MUC5B	-1.23	3.08	-4.421	6.41×10^{-03}	0.19973	-1.95434
CHIAP2	-2.16	3.87	-4.420	6.41×10^{-03}	0.19973	-1.95494
MYBPH	2.22	4.66	4.411	6.47×10^{-03}	0.19979	-1.96437
AI079520	1.83	4.52	4.401	6.53×10^{-03}	0.19979	-1.97403
DKFZp564H213	1.92	3.70	4.398	6.55×10^{-03}	0.19979	-1.97703
U55186	2.11	3.01	4.395	6.57×10^{-03}	0.19979	-1.98013
PXDNL	-3.07	1.96	-4.371	6.72×10^{-03}	0.20143	-2.00453

ZNF658	-1.21	5.83	-4.367	6.75×10^{-03}	0.20166	-2.00876
AI022702	-1.49	4.20	-4.366	$6.75E^{-03}$	0.20166	-2.00965
IMPG1	1.82	1.49	4.359	6.80×10^{-03}	0.20245	-2.01641
LOC90246	-1.11	5.82	-4.355	6.83×10^{-03}	0.20295	-2.02115
A4GALT	1.41	6.21	4.346	6.89×10^{-03}	0.20394	-2.03019
AI401535	1.46	4.92	4.346	6.89×10^{-03}	0.20394	-2.03052
CDC14A	1.16	4.81	4.339	6.93×10^{-03}	0.20434	-2.03686
AI915629	3.29	1.90	4.324	7.04×10^{-03}	0.20444	-2.05282
SH3GL1P2	1.03	4.08	4.311	7.12×10^{-03}	0.20507	-2.06528

AI027892	-1.87	4.37	-4.304	7.17×10^{-03}	0.20564	-2.07300
STATH	2.34	1.99	4.302	7.19×10^{-03}	0.20564	-2.07498
RPL39L	-1.31	7.39	-4.296	7.23×10^{-03}	0.20580	-2.08104
BF125564	-1.76	1.57	-4.291	7.26×10^{-03}	0.20580	-2.08611
H24302	-2.95	3.72	-4.286	7.30×10^{-03}	0.20615	-2.09179
LOC100505555	-1.14	5.46	-4.285	7.31×10^{-03}	0.20615	-2.09268
H46176	-1.02	6.86	-4.280	7.34×10^{-03}	0.20669	-2.09777
BE672557	-2.71	4.34	-4.274	7.38×10^{-03}	0.20719	-2.10335
BE671251	1.94	4.93	4.271	7.41×10^{-03}	0.20734	-2.10714

				03		
AL137634	-2.48	4.12	-4.269	7.42×10^{-03}	0.20744	-2.10869
CCL5	1.54	6.43	4.254	7.53×10^{-03}	0.20797	-2.12391
ARFGEF3	-1.27	4.48	-4.251	7.55×10^{-03}	0.20797	-2.12689
SPACA1	-1.34	3.67	-4.248	7.57×10^{-03}	0.20797	-2.13007
CECR3	2.28	4.47	4.248	7.57×10^{-03}	0.20797	-2.13012
AI554062	-1.32	4.38	-4.248	7.57×10^{-03}	0.20797	-2.13038
AI076192	-1.10	5.50	-4.241	7.63×10^{-03}	0.20847	-2.13807
AI189587	-1.65	4.91	-4.239	7.64×10^{-03}	0.20847	-2.13922

AL050123	-1.69	3.20	-4.236	7.67×10^{-03}	0.20891	-2.14303
LUZP4	3.03	5.01	4.233	7.69×10^{-03}	0.20912	-2.14576
DAZL	2.82	3.06	4.225	7.74×10^{-03}	0.21044	-2.15368
HOTAIR	-1.11	6.55	-4.222	7.77×10^{-03}	0.21075	-2.15775
LINC00879	1.28	2.67	4.221	7.78×10^{-03}	0.21075	-2.15884
OCLM	-2.12	4.49	-4.216	7.81×10^{-03}	0.21075	-2.16321
AK025048	-1.25	3.44	-4.215	7.82×10^{-03}	0.21075	-2.16405
LOC100506999	-2.47	1.75	-4.213	7.84×10^{-03}	0.21075	-2.16688
TXK	-2.95	3.75	-4.209	7.87×10^{-03}	0.21117	-2.17102

				03		
AV699911	2.43	4.68	4.205	7.90×10^{-03}	0.21173	-2.17481
LOC101928144	-1.18	6.43	-4.189	8.03×10^{-03}	0.21301	-2.19190
AW293239	-2.51	2.86	-4.186	8.05×10^{-03}	0.21301	-2.19460
AI590198	-1.01	3.69	-4.184	8.07×10^{-03}	0.21301	-2.19681
AI733359	1.53	2.65	4.184	8.07×10^{-03}	0.21301	-2.19690
BC020302	1.91	3.56	4.182	8.08×10^{-03}	0.21308	-2.19877
FAM65C	1.39	4.11	4.181	8.09×10^{-03}	0.21308	-2.19981
AI733438	1.21	4.82	4.180	8.10×10^{-03}	0.21308	-2.20065

LOC100133131	-1.40	1.85	-4.159	8.27×10^{-03}	0.21603	-2.22277
LOC101928271	-2.40	2.87	-4.152	8.33×10^{-03}	0.21634	-2.23017
C9orf41-AS1	1.86	3.43	4.145	8.39×10^{-03}	0.21701	-2.23789
BG153406	-1.40	3.39	-4.131	8.50×10^{-03}	0.21879	-2.25259
LOC101060181	-1.10	7.66	-4.130	8.51×10^{-03}	0.21879	-2.25302
PHYHD1	-2.02	5.25	-4.129	8.52×10^{-03}	0.21885	-2.25423
MAP3K7CL	1.31	5.72	4.127	8.53×10^{-03}	0.21895	-2.25620
LOC101927210	-1.63	5.58	-4.123	8.57×10^{-03}	0.21937	-2.26049
NEMP2	1.29	6.57	4.113	8.66×10^{-03}	0.22015	-2.27160

				03		
AF090948	2.25	4.13	4.110	8.69×10^{-03}	0.22063	-2.27485
EGR2	1.17	7.52	4.105	8.72×10^{-03}	0.22099	-2.27928
ARNTL2-AS1	2.32	2.00	4.103	8.74×10^{-03}	0.22113	-2.28172
AI740774	-2.20	4.53	-4.101	8.76×10^{-03}	0.22113	-2.28362
BI561188	-1.32	4.38	-4.090	8.86×10^{-03}	0.22197	-2.29531
LINC00545	-1.68	3.62	-4.083	8.92×10^{-03}	0.22226	-2.30307
HIST1H3E	-1.02	5.68	-4.083	8.93×10^{-03}	0.22226	-2.30356
AF210650	1.14	5.12	4.080	8.94×10^{-03}	0.22234	-2.30573

PRDM13	-2.69	3.63	-4.078	8.97×10^{-03}	0.22263	-2.30859
TAAR5	-1.47	4.52	-4.073	9.01×10^{-03}	0.22263	-2.31357
AW237220	1.48	5.51	4.072	9.02×10^{-03}	0.22263	-2.31499
LOC284023	-1.14	6.76	-4.068	9.06×10^{-03}	0.22274	-2.31935
BC018005	2.30	2.21	4.059	9.14×10^{-03}	0.22342	-2.32868
APOA4	-2.47	4.26	-4.056	9.17×10^{-03}	0.22363	-2.33209
AI950302	-2.06	4.43	-4.055	9.18×10^{-03}	0.22363	-2.33313
LOC158434	2.67	2.31	4.053	9.20×10^{-03}	0.22363	-2.33507
SLC22A18AS	1.02	5.32	4.050	9.23×10^{-03}	0.22402	-2.33857

				03		
SMIM17	-2.67	3.77	-4.048	9.24×10^{-03}	0.22403	-2.34040
AK021584	1.78	5.48	4.039	9.33×10^{-03}	0.22480	-2.34989
ACADL	-2.35	5.98	-4.033	9.38×10^{-03}	0.22535	-2.35656
AK024623	3.90	2.28	4.028	9.43×10^{-03}	0.22584	-2.36199
BEX2	-1.59	7.11	-4.008	9.62×10^{-03}	0.22852	-2.38314
FSCN2	-1.90	3.55	-3.991	9.79×10^{-03}	0.23066	-2.40094
WFDC1	-1.74	3.42	-3.986	9.84×10^{-03}	0.23066	-2.40613
AA830590	-2.23	4.07	-3.985	9.85×10^{-03}	0.23066	-2.40721

MAP10	-1.16	4.88	-3.977	9.93×10^{-03}	0.23103	-2.41663
BLOC1S1- RDH5	-1.64	6.41	-3.973	9.97×10^{-03}	0.23103	-2.42014
SERPINB2	2.21	3.78	3.965	1.01×10^{-02}	0.23183	-2.42913
CORO2B	-2.14	3.15	-3.957	1.01×10^{-02}	0.23243	-2.43785
DLL4	-2.09	4.98	-3.954	1.02×10^{-02}	0.23243	-2.44153
KRTAP11-1	-1.34	5.43	-3.948	1.02×10^{-02}	0.23322	-2.44817
TRIM31	1.02	4.16	3.934	1.04×10^{-02}	0.23523	-2.46326
AA972452	-2.16	1.44	-3.928	1.04×10^{-02}	0.23612	-2.46973
ZNF99	-1.68	1.73	-3.915	1.06×10^{-02}	0.23709	-2.48368

				02		
TTLL9	1.16	5.40	3.913	1.06×10^{-02}	0.23709	-2.48571
HCP5B	1.81	5.48	3.908	1.07×10^{-02}	0.23755	-2.49076
JAKMIP2	-2.29	3.94	-3.880	1.10×10^{-02}	0.24127	-2.52118
TKTL1	2.05	5.70	3.879	1.10×10^{-02}	0.24127	-2.52251
CFAP53	-1.15	5.07	-3.873	1.10×10^{-02}	0.24127	-2.52908
TMEM161B- AS1	-1.02	6.18	-3.870	1.11×10^{-02}	0.24127	-2.53285
CCDC3	1.61	4.48	3.869	1.11×10^{-02}	0.24127	-2.53380
KCTD16	-1.01	5.82	-3.868	1.11×10^{-02}	0.24127	-2.53516

USH1C	1.02	4.19	3.867	1.11×10^{-02}	0.24140	-2.53649
AL043482	-1.03	7.44	-3.853	1.13×10^{-02}	0.24265	-2.55114
AL050116	-1.35	4.45	-3.849	1.13×10^{-02}	0.24265	-2.55522
BC042590	-2.08	3.30	-3.844	1.14×10^{-02}	0.24265	-2.56145
RRH	1.23	5.19	3.841	1.14×10^{-02}	0.24287	-2.56438
BC040595	1.92	3.65	3.841	1.14×10^{-02}	0.24287	-2.56473
IRF7	1.03	7.12	3.838	1.15×10^{-02}	0.24334	-2.56804
HIST1H4A	-1.15	4.03	-3.829	1.16×10^{-02}	0.24446	-2.57790
LOC100422781	1.79	4.94	3.828	1.16×10^{-02}	0.24446	-2.57860

				02		
T97999	-1.87	3.59	-3.826	1.16×10^{-02}	0.24446	-2.58060
LOC100506725	1.85	4.88	3.822	1.17×10^{-02}	0.24502	-2.58556
BF194875	-1.62	5.48	-3.818	1.17×10^{-02}	0.24557	-2.58947
SERPINA9	1.37	5.79	3.812	1.18×10^{-02}	0.24699	-2.59666
ERICH6	-1.42	3.28	-3.802	1.19×10^{-02}	0.24805	-2.60803
AI457588	1.72	4.71	3.801	1.19×10^{-02}	0.24805	-2.60844
HGD	1.29	4.12	3.795	1.20×10^{-02}	0.24873	-2.61564
OR5E1P	1.45	3.04	3.795	1.20×10^{-02}	0.24873	-2.61589

CEMIP	1.46	6.48	3.793	1.20×10^{-02}	0.24873	-2.61724
NRXN2	-1.42	4.27	-3.791	1.20×10^{-02}	0.24895	-2.61982
BE217811	2.14	5.06	3.790	1.21×10^{-02}	0.24912	-2.62131
LOC101928910	1.20	3.28	3.782	1.22×10^{-02}	0.25007	-2.62982
LINC01343	1.09	3.57	3.770	1.23×10^{-02}	0.25165	-2.64360
BC020913	2.77	3.94	3.762	1.24×10^{-02}	0.25225	-2.65190
NTSR1	1.87	5.11	3.761	1.24×10^{-02}	0.25225	-2.65305
OR51E2	-1.55	4.61	-3.757	1.25×10^{-02}	0.25290	-2.65731
H72914	-2.12	4.59	-3.752	1.25×10^{-02}	0.25359	-2.66262

				02		
HOXA5	-1.14	6.23	-3.752	1.25×10^{-02}	0.25359	-2.66356
FABP6	-1.14	6.73	-3.748	1.26×10^{-02}	0.25359	-2.66714
ITIH1	1.84	4.74	3.741	1.27×10^{-02}	0.25359	-2.67589
MOP-1	-1.17	1.56	-3.740	1.27×10^{-02}	0.25359	-2.67615
WBSCR28	1.02	1.72	3.738	1.27×10^{-02}	0.25370	-2.67890
BC041909	3.28	2.33	3.724	1.29×10^{-02}	0.25555	-2.69467
AA743413	1.44	4.96	3.719	1.30×10^{-02}	0.25571	-2.69989
AW444469	-1.25	4.26	-3.718	1.30×10^{-02}	0.25571	-2.70169

BC043385	-2.37	2.59	-3.715	1.30×10^{-02}	0.25571	-2.70402
BC037349	2.37	3.81	3.715	1.30×10^{-02}	0.25571	-2.70493
AI021902	1.82	3.09	3.714	1.31×10^{-02}	0.25571	-2.70552
AU146310	-3.10	1.77	-3.712	1.31×10^{-02}	0.25571	-2.70820
BC039100	1.80	3.70	3.709	1.31×10^{-02}	0.25571	-2.71088
CYP4Z2P	-1.97	3.06	-3.704	1.32×10^{-02}	0.25651	-2.71702
CTHRC1	-2.77	2.73	-3.695	1.33×10^{-02}	0.25778	-2.72754
CLDN17	-1.35	5.33	-3.694	1.33×10^{-02}	0.25778	-2.72785
CCDC191	-2.36	5.38	-3.692	1.34×10^{-02}	0.25803	-2.72998

				02		
HHAT	2.11	5.08	3.687	1.34×10^{-02}	0.25847	-2.73620
CHIT1	-1.09	2.94	-3.683	1.35×10^{-02}	0.25876	-2.74099
SNORA11E	1.78	3.94	3.675	1.36×10^{-02}	0.25982	-2.74946
OR2M4	1.39	2.58	3.673	1.36×10^{-02}	0.26002	-2.75147
CLEC18A	-2.17	4.38	-3.670	1.37×10^{-02}	0.26032	-2.75521
BC009884	1.69	3.35	3.663	1.38×10^{-02}	0.26047	-2.76338
AW517148	1.32	4.57	3.661	1.38×10^{-02}	0.26047	-2.76495
AA716482	-2.24	3.24	-3.659	1.38×10^{-02}	0.26047	-2.76739

LOC440982	1.72	4.60	3.658	1.39×10^{-02}	0.26047	-2.76858
BC040654	2.69	2.49	3.652	1.39×10^{-02}	0.26083	-2.77528
BC043227	2.71	2.93	3.650	1.40×10^{-02}	0.26083	-2.77738
SLC22A6	1.21	3.49	3.648	1.40×10^{-02}	0.26101	-2.77965
SVOP	1.25	4.57	3.647	1.40×10^{-02}	0.26110	-2.78102
AF017338	1.51	5.20	3.645	1.41×10^{-02}	0.26143	-2.78370
BC035653	2.30	3.97	3.644	1.41×10^{-02}	0.26143	-2.78478
AI633652	2.52	3.62	3.643	1.41×10^{-02}	0.26143	-2.78564
ARL8A	1.04	7.63	3.643	1.41×10^{-02}	0.26143	-2.78609

				02		
SLC38A11	2.35	3.90	3.641	1.41×10^{-02}	0.26155	-2.78767
LINC01569	-1.21	7.00	-3.640	1.41×10^{-02}	0.26155	-2.78930
U38460	1.26	4.92	3.636	1.42×10^{-02}	0.26219	-2.79390
AIM2	1.22	6.26	3.620	1.44×10^{-02}	0.26480	-2.81238
BC036397	1.01	5.82	3.615	1.45×10^{-02}	0.26567	-2.81719
AI023320	-2.53	4.61	-3.613	1.45×10^{-02}	0.26578	-2.81995
KLRC4	-2.35	1.84	-3.611	1.46×10^{-02}	0.26578	-2.82167
HOXB7	-1.57	5.95	-3.611	1.46×10^{-02}	0.26578	-2.82227

AK025573	3.52	1.89	3.609	1.46×10^{-02}	0.26580	-2.82422
BC043164	-2.45	2.82	-3.594	1.48×10^{-02}	0.26858	-2.84191
CERS4	-2.12	6.13	-3.593	1.49×10^{-02}	0.26868	-2.84303
GUCY1B3	1.89	3.73	3.585	1.50×10^{-02}	0.26984	-2.85218
SLC5A9	1.31	3.14	3.584	1.50×10^{-02}	0.26984	-2.85347
RRAGD	-1.79	5.72	-3.579	1.51×10^{-02}	0.27079	-2.85914
AA643238	-2.03	4.79	-3.578	1.51×10^{-02}	0.27079	-2.85996
MRGPRX1	1.55	4.97	3.578	1.51×10^{-02}	0.27079	-2.86046
AI084064	1.08	3.22	3.573	1.52×10^{-02}	0.27109	-2.86570

				02		
FAHD2CP	-1.05	6.40	-3.573	1.52×10^{-02}	0.27109	-2.86574
OR4D2	-1.58	5.44	-3.569	1.52×10^{-02}	0.27139	-2.86991
AA159799	2.52	3.77	3.568	1.53×10^{-02}	0.27139	-2.87173
SOX10	-1.28	4.17	-3.565	1.53×10^{-02}	0.27173	-2.87497
AA583038	-1.63	2.41	-3.565	1.53×10^{-02}	0.27173	-2.87512
ALDH2	-2.37	5.64	-3.563	1.54×10^{-02}	0.27207	-2.87750
OTOGL	1.17	3.33	3.555	1.55×10^{-02}	0.27266	-2.88647
BF830560	1.69	5.14	3.554	1.55×10^{-02}	0.27270	-2.88723

SERPINB7	1.92	3.66	3.548	1.56×10^{-02}	0.27282	-2.89400
BC018629	-2.36	3.67	-3.542	1.57×10^{-02}	0.27372	-2.90070
T95152	-1.27	4.16	-3.535	1.58×10^{-02}	0.27420	-2.90955
AW294020	-2.44	3.38	-3.529	1.59×10^{-02}	0.27425	-2.91672
MPZL2	1.09	5.50	3.526	1.60×10^{-02}	0.27425	-2.91919
AI522053	2.68	4.02	3.526	1.60×10^{-02}	0.27425	-2.92016
LL0XNC01- 116E7.2	-1.23	1.41	-3.524	1.60×10^{-02}	0.27425	-2.92184
MID1IP1	1.03	6.84	3.523	1.60×10^{-02}	0.27425	-2.92258
BC029448	-1.98	3.99	-3.523	1.60×10^{-02}	0.27425	-2.92295

				02		
YBX2	-2.05	5.28	-3.521	1.61×10^{-02}	0.27425	-2.92583
AK097459	-1.71	3.19	-3.520	1.61×10^{-02}	0.27425	-2.92612
FAM90A1	-1.91	4.92	-3.519	1.61×10^{-02}	0.27425	-2.92740
TEX26-AS1	1.05	4.89	3.518	1.61×10^{-02}	0.27425	-2.92944
FOCAD	-2.59	4.43	-3.517	1.61×10^{-02}	0.27425	-2.93044
CCL23	1.37	3.43	3.515	1.62×10^{-02}	0.27425	-2.93185
SLC35G4	-1.49	5.79	-3.513	1.62×10^{-02}	0.27425	-2.93419
CES5A	-1.07	3.06	-3.511	1.62×10^{-02}	0.27450	-2.93741

AW814026	1.15	5.74	3.505	1.64×10^{-02}	0.27520	-2.94428
PKD1P1	1.16	7.28	3.504	1.64×10^{-02}	0.27520	-2.94500
LOC100130992	-2.18	3.59	-3.502	1.64×10^{-02}	0.27552	-2.94745
AL832705	-1.91	4.23	-3.494	1.65×10^{-02}	0.27690	-2.95701
AI079134	1.35	4.53	3.494	1.66×10^{-02}	0.27690	-2.95713
AI808830	-1.91	5.80	-3.490	1.66×10^{-02}	0.27726	-2.96149
DIRC3	-1.23	7.23	-3.489	1.66×10^{-02}	0.27726	-2.96230
AL833433	-1.97	3.07	-3.484	1.67×10^{-02}	0.27797	-2.96778
CCIN	1.35	3.24	3.481	1.68×10^{-02}	0.27837	-2.97123

				02		
MIR1199	-1.71	5.29	-3.481	1.68×10^{-02}	0.27837	-2.97232
CD72	-2.24	4.31	-3.479	1.68×10^{-02}	0.27842	-2.97419
CYP2J2	-1.73	5.42	-3.473	1.69×10^{-02}	0.27893	-2.98103
IGDCC4	-1.86	4.28	-3.470	1.70×10^{-02}	0.27948	-2.98484
DHRS3	-2.03	7.00	-3.466	1.71×10^{-02}	0.28013	-2.98881
BC008618	-1.63	3.79	-3.466	1.71×10^{-02}	0.28013	-2.98978
LOC100507291	-1.96	5.41	-3.465	1.71×10^{-02}	0.28013	-2.99060
AA744843	-2.98	2.37	-3.463	1.71×10^{-02}	0.28013	-2.99214

IRGM	-1.45	4.08	-3.463	1.71×10^{-02}	0.28016	-2.99306
ANGPTL4	1.07	5.82	3.457	1.72×10^{-02}	0.28126	-2.99939
LOC100147773	-1.77	4.89	-3.452	1.73×10^{-02}	0.28159	-3.00519
BM678937	2.08	3.96	3.451	1.73×10^{-02}	0.28159	-3.00698
AI207496	1.06	0.84	3.450	1.74×10^{-02}	0.28159	-3.00729
LOC100507594	1.44	4.67	3.447	1.74×10^{-02}	0.28235	-3.01117
C15orf56	1.25	3.27	3.446	1.74×10^{-02}	0.28240	-3.01252
LOC101929115	-1.88	4.48	-3.436	1.76×10^{-02}	0.28439	-3.02464
T70280	1.22	2.64	3.435	1.77×10^{-02}	0.28443	-3.02540

				02		
PPFIA2	1.15	5.64	3.434	1.77×10^{-02}	0.28450	-3.02683
SV2A	-1.09	7.73	-3.433	1.77×10^{-02}	0.28456	-3.02761
GRIA2	1.53	3.32	3.429	1.78×10^{-02}	0.28505	-3.03293
SYNDIG1L	1.05	4.20	3.426	1.78×10^{-02}	0.28553	-3.03645
U82306	-1.53	4.41	-3.420	1.79×10^{-02}	0.28588	-3.04243
AW003107	-1.64	3.28	-3.411	1.81×10^{-02}	0.28745	-3.05340
AU158436	2.03	3.63	3.408	1.82×10^{-02}	0.28797	-3.05646
AL359626	-2.41	2.67	-3.408	1.82×10^{-02}	0.28809	-3.05755

BC015159	2.94	3.70	3.406	1.82×10^{-02}	0.28812	-3.05964
TMEM38A	-1.06	6.91	-3.405	1.82×10^{-02}	0.28812	-3.06022
LOC100505609	1.30	4.73	3.402	1.83×10^{-02}	0.28859	-3.06345
LINC00851	-1.06	4.62	-3.398	1.84×10^{-02}	0.28917	-3.06829
PRRG4	1.25	6.49	3.395	1.84×10^{-02}	0.28927	-3.07185
LOC101928140	2.42	2.55	3.391	1.85×10^{-02}	0.29025	-3.07747
AW298710	2.44	4.00	3.391	1.85×10^{-02}	0.29025	-3.07753
GPRC5A	1.65	6.44	3.383	1.87×10^{-02}	0.29095	-3.08647
PLA2G2A	1.99	4.66	3.379	1.88×10^{-02}	0.29095	-3.09070

				02		
DYRK1B	1.24	5.32	3.379	1.88×10^{-02}	0.29095	-3.09089
BF511686	-1.53	5.79	-3.379	1.88×10^{-02}	0.29095	-3.09124
LOC101930595	1.34	5.88	3.378	1.88×10^{-02}	0.29095	-3.09235
AF362887	1.09	6.16	3.374	1.89×10^{-02}	0.29095	-3.09737
FSIP1	-1.07	6.42	-3.374	1.89×10^{-02}	0.29095	-3.09741
BE070078	2.08	3.10	3.372	1.89×10^{-02}	0.29100	-3.09927
BC041985	2.18	2.85	3.372	1.89×10^{-02}	0.29102	-3.09988
AI936859	-1.84	4.37	-3.370	1.90×10^{-02}	0.29129	-3.10158

FOXS1	1.91	5.27	3.369	1.90×10^{-02}	0.29129	-3.10227
ARX	1.56	4.06	3.368	1.90×10^{-02}	0.29153	-3.10398
LOC339166	-1.07	5.04	-3.364	1.91×10^{-02}	0.29181	-3.10921
BC036584	1.06	5.41	3.363	1.91×10^{-02}	0.29181	-3.10951
BC003386	-1.73	2.38	-3.362	1.91×10^{-02}	0.29181	-3.11053
BC039510	-1.44	5.32	-3.359	1.92×10^{-02}	0.29225	-3.11432
ANKRD24	-1.03	4.07	-3.358	1.92×10^{-02}	0.29237	-3.11616
ZNF138	-1.81	4.54	-3.352	1.94×10^{-02}	0.29281	-3.12316
BC040832	-1.59	3.73	-3.351	1.94×10^{-02}	0.29281	-3.12465

				02		
AW078832	-1.65	3.81	-3.350	1.94×10^{-02}	0.29281	-3.12544
AI146771	-1.50	4.05	-3.349	1.94×10^{-02}	0.29281	-3.12641
ZNF252P-AS1	1.03	5.19	3.337	1.97×10^{-02}	0.29477	-3.14107
LOC101928909	-2.51	3.20	-3.330	1.98×10^{-02}	0.29603	-3.14875
LOC100288966	-1.10	0.54	-3.325	2.00×10^{-02}	0.29662	-3.15499
GNL3	-1.01	8.25	-3.314	2.02×10^{-02}	0.29725	-3.16844
LINC01618	-1.43	3.45	-3.313	2.02×10^{-02}	0.29725	-3.16901
BF874134	2.40	3.74	3.311	2.03×10^{-02}	0.29725	-3.17205

IFNA6	-2.21	3.76	-3.310	2.03×10^{-02}	0.29725	-3.17305
LOC100506418	1.31	4.80	3.301	2.05×10^{-02}	0.29883	-3.18385
PCDH1	1.29	4.51	3.300	2.05×10^{-02}	0.29891	-3.18492
LOC340017	2.29	3.34	3.295	2.06×10^{-02}	0.29956	-3.19056
TINAGL1	1.35	6.99	3.295	2.06×10^{-02}	0.29956	-3.19065
AI309861	1.26	2.65	3.294	2.07×10^{-02}	0.29963	-3.19194
ANKRD20A5P	1.12	6.70	3.275	2.11×10^{-02}	0.30389	-3.21473
SNORD8	-1.20	4.98	-3.271	2.12×10^{-02}	0.30456	-3.21880
WFDC11	1.12	2.85	3.271	2.12×10^{-02}	0.30456	-3.21969

				02		
MUC20	1.02	4.68	3.271	2.12×10^{-02}	0.30456	-3.21980
LOC101928284	1.86	2.45	3.269	2.12×10^{-02}	0.30456	-3.22123
AI040305	2.19	1.99	3.269	2.12×10^{-02}	0.30456	-3.22158
IL10	1.41	4.09	3.263	2.14×10^{-02}	0.30496	-3.22886
PDZK1	2.24	3.71	3.255	2.16×10^{-02}	0.30682	-3.23839
PIR-FIGF	-1.24	4.40	-3.246	2.18×10^{-02}	0.30801	-3.24864
DKK4	1.85	4.13	3.245	2.18×10^{-02}	0.30846	-3.25068
LOC644852	-1.92	4.22	-3.243	2.19×10^{-02}	0.30883	-3.25265

AK026405	-1.65	4.00	-3.238	2.20×10^{-02}	0.30920	-3.25867
BF515913	-2.35	6.69	-3.234	2.21×10^{-02}	0.31005	-3.26329
AA781455	-1.10	2.66	-3.228	2.23×10^{-02}	0.31142	-3.27121
AF458587	-1.49	2.66	-3.224	2.24×10^{-02}	0.31142	-3.27502
BF346537	-1.22	4.12	-3.221	2.24×10^{-02}	0.31142	-3.27943
C9orf38	1.04	4.88	3.219	2.25×10^{-02}	0.31168	-3.28100
TRIM15	-1.05	5.58	-3.218	2.25×10^{-02}	0.31168	-3.28223
TAAR8	1.97	4.40	3.217	2.25×10^{-02}	0.31168	-3.28361
ZNF213-AS1	-2.35	4.26	-3.214	2.26×10^{-02}	0.31168	-3.28698

				02		
OR10H2	1.08	2.85	3.212	2.27×10^{-02}	0.31175	-3.29025
CCT8L2	2.38	4.67	3.208	2.28×10^{-02}	0.31257	-3.29496
TMOD4	-3.11	4.47	-3.207	2.28×10^{-02}	0.31272	-3.29621
AL713694	-2.33	4.69	-3.204	2.29×10^{-02}	0.31333	-3.30003
AL520533	-1.83	4.55	-3.199	2.30×10^{-02}	0.31419	-3.30578
LINC00421	1.67	4.54	3.199	2.30×10^{-02}	0.31419	-3.30583
IL12A-AS1	2.10	4.33	3.196	2.31×10^{-02}	0.31453	-3.30873
BG928538	-1.54	4.39	-3.195	2.31×10^{-02}	0.31473	-3.31019

LOC100506558	-1.30	3.61	-3.194	2.31×10^{-02}	0.31497	-3.31148
BC031022	1.87	3.83	3.193	2.32×10^{-02}	0.31504	-3.31269
ITGAL	1.04	5.54	3.187	2.33×10^{-02}	0.31573	-3.32069
RNASE7	-1.13	4.14	-3.184	2.34×10^{-02}	0.31573	-3.32436
BC033249	-1.67	4.05	-3.177	2.36×10^{-02}	0.31594	-3.33186
BC037947	1.33	0.79	3.176	2.36×10^{-02}	0.31608	-3.33293
ELANE	-1.12	2.88	-3.172	2.37×10^{-02}	0.31618	-3.33822
SPATA17	-2.17	4.40	-3.171	2.38×10^{-02}	0.31618	-3.33981
AI824407	1.00	5.55	3.170	2.38×10^{-02}	0.31622	-3.34052

				02		
MIR34A	-1.95	3.13	-3.168	2.39×10^{-02}	0.31672	-3.34366
AA806776	2.71	2.23	3.164	2.40×10^{-02}	0.31725	-3.34810
LOC101060091	-3.28	4.17	-3.157	2.41×10^{-02}	0.31881	-3.35683
LOC101927339	1.19	6.19	3.156	2.42×10^{-02}	0.31881	-3.35730
AI573283	-1.96	2.99	-3.156	2.42×10^{-02}	0.31884	-3.35819
HSPC324	-1.10	4.12	-3.155	2.42×10^{-02}	0.31884	-3.35946
AI911745	1.11	3.95	3.153	2.42×10^{-02}	0.31884	-3.36087
FAM46D	-1.65	4.06	-3.152	2.43×10^{-02}	0.31884	-3.36257

ATXN8OS	-1.75	4.44	-3.151	2.43×10^{-02}	0.31903	-3.36383
SPOCD1	1.04	5.47	3.151	2.43×10^{-02}	0.31903	-3.36424
H27618	1.00	2.48	3.147	2.44×10^{-02}	0.31975	-3.36919
AGTR2	1.13	4.30	3.144	2.45×10^{-02}	0.31975	-3.37211
AI956139	-1.12	2.30	-3.143	2.45×10^{-02}	0.31975	-3.37287
AI435586	-1.46	5.86	-3.143	2.45×10^{-02}	0.31975	-3.37366
NEFH	1.21	4.58	3.143	2.45×10^{-02}	0.31975	-3.37368
TULP2	1.14	5.06	3.140	2.46×10^{-02}	0.32057	-3.37691
BE671815	-1.75	5.32	-3.134	2.48×10^{-02}	0.32168	-3.38406

				02		
TMEM179	-1.18	2.66	-3.134	2.48×10^{-02}	0.32168	-3.38433
LOC105369860	-2.25	2.80	-3.133	2.48×10^{-02}	0.32172	-3.38538
AI939596	-1.82	4.05	-3.129	2.49×10^{-02}	0.32263	-3.39082
LOC101928902	1.68	2.93	3.125	2.50×10^{-02}	0.32263	-3.39505
LOC100289495	-1.81	5.77	-3.124	2.51×10^{-02}	0.32263	-3.39607
AI871356	-1.24	5.47	-3.122	2.51×10^{-02}	0.32305	-3.39951
H53139	-1.81	3.91	-3.122	2.51×10^{-02}	0.32305	-3.39956
AK024511	-1.14	0.91	-3.118	2.52×10^{-02}	0.32394	-3.40339

AI733237	-1.97	2.37	-3.117	2.53×10^{-02}	0.32419	-3.40513
AA743565	-2.09	3.07	-3.110	2.55×10^{-02}	0.32568	-3.41407
AA780063	1.97	5.61	3.107	2.56×10^{-02}	0.32582	-3.41728
ADAMTSL5	1.34	5.76	3.103	2.57×10^{-02}	0.32611	-3.42179
C2orf80	-1.82	3.52	-3.098	2.59×10^{-02}	0.32737	-3.42882
CD70	1.49	6.32	3.093	2.60×10^{-02}	0.32811	-3.43413
LOC728868	1.73	3.38	3.093	2.60×10^{-02}	0.32811	-3.43447
ZNF563	1.72	4.94	3.092	2.60×10^{-02}	0.32811	-3.43502
BF110634	-2.37	3.48	-3.092	2.60×10^{-02}	0.32811	-3.43608

				02		
PASD1	-1.22	4.98	-3.091	2.60×10^{-02}	0.32811	-3.43623
AA960963	1.44	4.52	3.090	2.61×10^{-02}	0.32826	-3.43746
BF109952	2.01	4.14	3.090	2.61×10^{-02}	0.32833	-3.43831
BC033698	-2.78	3.33	-3.084	2.63×10^{-02}	0.32943	-3.44538
BM724257	1.17	5.51	3.084	2.63×10^{-02}	0.32943	-3.44540
SPATA21	-1.19	4.51	-3.084	2.63×10^{-02}	0.32943	-3.44546
AL831884	1.46	4.98	3.075	2.65×10^{-02}	0.33111	-3.45685
ZNF560	-1.72	1.55	-3.074	2.66×10^{-02}	0.33111	-3.45764

MORN5	1.29	5.49	3.072	2.66×10^{-02}	0.33155	-3.46066
AU147620	1.81	4.46	3.071	2.67×10^{-02}	0.33155	-3.46149
LOC101927787	1.21	5.47	3.070	2.67×10^{-02}	0.33155	-3.46192
AKR1C4	-1.49	4.53	-3.069	2.67×10^{-02}	0.33161	-3.46349
C8orf4	1.05	5.88	3.067	2.68×10^{-02}	0.33172	-3.46677
PREX2	1.31	3.91	3.065	2.68×10^{-02}	0.33172	-3.46862
AI741471	2.28	3.37	3.065	2.69×10^{-02}	0.33172	-3.46882
JPH4	-1.20	4.68	-3.063	2.69×10^{-02}	0.33193	-3.47100
MF12-AS1	-1.12	6.01	-3.055	2.71×10^{-02}	0.33322	-3.48039

				02		
LINC00708	-1.76	3.83	-3.051	2.73×10^{-02}	0.33357	-3.48604
AI939460	-2.56	1.91	-3.049	2.73×10^{-02}	0.33357	-3.48775
AW668616	2.21	3.39	3.045	2.75×10^{-02}	0.33447	-3.49381
ZNF853	-1.76	3.73	-3.044	2.75×10^{-02}	0.33447	-3.49439
LOC101927508	-2.53	2.92	-3.042	2.76×10^{-02}	0.33466	-3.49636
LOC100507642	-2.12	4.71	-3.035	2.78×10^{-02}	0.33598	-3.50536
KLKB1	1.35	4.31	3.034	2.78×10^{-02}	0.33598	-3.50708
C18590	2.31	4.62	3.033	2.79×10^{-02}	0.33598	-3.50761

TMPRSS4	-1.45	3.68	-3.032	2.79×10^{-02}	0.33598	-3.50941
OR5K1	1.27	4.10	3.032	2.79×10^{-02}	0.33598	-3.50947
AU156345	-1.05	3.46	-3.030	2.80×10^{-02}	0.33598	-3.51219
BE856688	1.57	5.75	3.029	2.80×10^{-02}	0.33598	-3.51322
LOC100132005	1.13	3.29	3.024	2.82×10^{-02}	0.33598	-3.51879
LOC101927507	-1.03	3.21	-3.023	2.82×10^{-02}	0.33598	-3.51995
NR2F1	-2.42	4.07	-3.023	2.82×10^{-02}	0.33598	-3.52028
BC011360	1.01	3.68	3.023	2.82×10^{-02}	0.33598	-3.52042
GPR83	2.54	3.47	3.022	2.82×10^{-02}	0.33598	-3.52105

				02		
T83938	-1.45	5.29	-3.022	2.82×10^{-02}	0.33598	-3.52106
SATB1	-1.03	6.07	-3.020	2.83×10^{-02}	0.33636	-3.52353
BU176936	-1.93	4.12	-3.020	2.83×10^{-02}	0.33655	-3.52457
BE551451	-2.62	3.24	-3.018	2.84×10^{-02}	0.33669	-3.52693
AW971892	1.61	4.11	3.016	2.84×10^{-02}	0.33669	-3.52906
AW296971	-1.68	3.45	-3.015	2.85×10^{-02}	0.33669	-3.53014
FPR1	-1.00	6.52	-3.014	2.85×10^{-02}	0.33686	-3.53151
LHFPL3	-1.79	2.80	-3.013	2.85×10^{-02}	0.33692	-3.53215

ACSM3	-1.37	5.57	-3.009	2.87×10^{-02}	0.33772	-3.53796
BF509725	1.36	5.13	3.008	2.87×10^{-02}	0.33772	-3.53867
AI022066	-1.93	2.01	-3.004	2.88×10^{-02}	0.33831	-3.54331
AKAIN1	1.74	4.21	3.004	2.88×10^{-02}	0.33835	-3.54384
TMEM155	-1.02	4.38	-3.003	2.89×10^{-02}	0.33862	-3.54510
LILRA3	1.42	3.10	3.000	2.89×10^{-02}	0.33876	-3.54811
LOC101060019	1.93	4.31	3.000	2.90×10^{-02}	0.33876	-3.54836
C3orf18	-2.26	6.19	-3.000	2.90×10^{-02}	0.33876	-3.54850
AF127771	-1.51	2.95	-2.998	2.90×10^{-02}	0.33943	-3.55100

				02		
AI821726	-1.15	5.37	-2.992	2.92×10^{-02}	0.34001	-3.55822
BC020820	-1.80	5.26	-2.992	2.92×10^{-02}	0.34001	-3.55829
PDZRN3	-1.50	3.73	-2.991	2.93×10^{-02}	0.34041	-3.55996
AL117453	-1.16	5.68	-2.989	2.94×10^{-02}	0.34046	-3.56283
ZNF763	-1.67	3.68	-2.987	2.94×10^{-02}	0.34046	-3.56427
HSD3B7	1.68	6.34	2.987	2.94×10^{-02}	0.34046	-3.56508
AI023333	-1.92	3.30	-2.983	2.96×10^{-02}	0.34129	-3.57021
ZCCHC13	2.10	3.51	2.982	2.96×10^{-02}	0.34129	-3.57146

BC041649	1.35	4.33	2.978	2.97×10^{-02}	0.34181	-3.57640
BE218449	2.13	3.19	2.977	2.98×10^{-02}	0.34181	-3.57768
AI968130	-1.35	4.92	-2.976	2.98×10^{-02}	0.34181	-3.57836
FBXO39	-1.35	4.50	-2.975	2.98×10^{-02}	0.34181	-3.57941
LOC105372953	1.13	3.82	2.975	2.98×10^{-02}	0.34181	-3.57971
MAL2	-2.80	3.70	-2.971	3.00×10^{-02}	0.34262	-3.58489
AW242723	-1.34	5.95	-2.971	3.00×10^{-02}	0.34262	-3.58508
LOC100506476	-1.32	5.63	-2.965	3.02×10^{-02}	0.34298	-3.59138
IPCEF1	-2.59	4.29	-2.965	3.02×10^{-02}	0.34298	-3.59150

				02		
TCEA3	-1.25	5.70	-2.961	3.03×10^{-02}	0.34408	-3.59693
C18orf15	1.35	2.98	2.961	3.03×10^{-02}	0.34408	-3.59695
SNTN	-3.24	2.21	-2.958	3.04×10^{-02}	0.34423	-3.60084
INE1	2.46	5.38	2.955	3.05×10^{-02}	0.34429	-3.60424
GYS2	-1.98	1.45	-2.955	3.05×10^{-02}	0.34429	-3.60442
AL833224	-1.90	1.38	-2.953	3.06×10^{-02}	0.34429	-3.60663
AW138840	-1.70	3.40	-2.953	3.06×10^{-02}	0.34429	-3.60700
NWD2	2.24	3.21	2.952	3.06×10^{-02}	0.34441	-3.60776

T87628	-1.38	6.12	-2.951	3.07×10^{-02}	0.34460	-3.60876
LOC401134	-2.01	3.03	-2.950	3.07×10^{-02}	0.34493	-3.61019
KDM4D	-1.24	4.27	-2.949	3.08×10^{-02}	0.34535	-3.61226
BC040211	2.00	4.16	2.943	3.10×10^{-02}	0.34594	-3.61873
AI017540	1.01	4.22	2.943	3.10×10^{-02}	0.34594	-3.61894
ZNF571	-2.04	4.99	-2.942	3.10×10^{-02}	0.34594	-3.61997
LEMD1-AS1	-2.09	2.54	-2.942	3.10×10^{-02}	0.34594	-3.62011
ARSG	-1.02	6.03	-2.941	3.11×10^{-02}	0.34641	-3.62195
AA678564	-1.13	5.15	-2.937	3.12×10^{-02}	0.34671	-3.62683

				02		
AL705707	1.02	3.63	2.934	3.13×10^{-02}	0.34690	-3.63066
AI652451	-1.63	5.09	-2.933	3.13×10^{-02}	0.34702	-3.63141
T68304	1.26	5.86	2.930	3.15×10^{-02}	0.34725	-3.63580
NAV2-AS5	1.04	2.49	2.929	3.15×10^{-02}	0.34725	-3.63709
BC038752	1.19	4.81	2.929	3.15×10^{-02}	0.34725	-3.63715
BM682057	-1.25	5.54	-2.927	3.16×10^{-02}	0.34726	-3.63877
BF448046	-1.20	4.58	-2.927	3.16×10^{-02}	0.34726	-3.63953
RSPH9	1.72	4.58	2.926	3.16×10^{-02}	0.34726	-3.63984

MIEF2	-1.03	5.36	-2.926	3.16×10^{-02}	0.34726	-3.64010
IGSF1	1.89	5.08	2.926	3.16×10^{-02}	0.34740	-3.64091
FAM230C	1.49	6.23	2.925	3.16×10^{-02}	0.34744	-3.64177
FGF14-AS2	1.43	4.91	2.921	3.18×10^{-02}	0.34828	-3.64628
ST8SIA2	1.86	2.84	2.921	3.18×10^{-02}	0.34846	-3.64728
BDNF-AS	-2.44	3.33	-2.918	3.19×10^{-02}	0.34880	-3.65090
MYLK-AS1	-1.70	6.72	-2.917	3.20×10^{-02}	0.34880	-3.65226
KRTAP4-11	1.90	4.91	2.916	3.20×10^{-02}	0.34892	-3.65307
STBD1	1.47	4.07	2.916	3.20×10^{-02}	0.34892	-3.65347

				02		
LOC101927059	-1.44	3.35	-2.915	3.20×10^{-02}	0.34892	-3.65460
STMN2	-1.30	3.60	-2.910	3.22×10^{-02}	0.34976	-3.66035
GPHB5	1.59	4.57	2.910	3.22×10^{-02}	0.34976	-3.66090
ADAMDEC1	-1.55	4.54	-2.908	3.23×10^{-02}	0.35005	-3.66257
DEFB124	1.52	5.76	2.905	3.24×10^{-02}	0.35069	-3.66700
LGI4	1.34	5.39	2.900	3.26×10^{-02}	0.35141	-3.67300
LOC157562	-1.55	6.36	-2.900	3.26×10^{-02}	0.35141	-3.67303
CXXC4	-1.17	5.45	-2.898	3.27×10^{-02}	0.35147	-3.67581

UNC45B	-1.78	4.27	-2.897	3.27×10^{-02}	0.35147	-3.67631
LOC101928886	-1.47	3.29	-2.897	3.27×10^{-02}	0.35148	-3.67710
CRIL	-1.36	2.99	-2.895	3.28×10^{-02}	0.35190	-3.67875
LOC100653086	1.04	4.94	2.895	3.28×10^{-02}	0.35193	-3.67937
LOC729870	1.55	5.60	2.893	3.29×10^{-02}	0.35226	-3.68137
EPHX2	-1.81	4.75	-2.892	3.29×10^{-02}	0.35258	-3.68311
LINC01300	-1.44	3.00	-2.889	3.30×10^{-02}	0.35316	-3.68637
LOC100506652	-1.95	3.51	-2.889	3.30×10^{-02}	0.35318	-3.68681
HCG22	1.39	6.59	2.886	3.31×10^{-02}	0.35409	-3.69028

				02		
GBP4	1.30	3.95	2.886	3.31×10^{-02}	0.35409	-3.69072
PSG3	-1.47	5.20	-2.880	3.34×10^{-02}	0.35435	-3.69758
AW183057	-1.57	3.02	-2.873	3.36×10^{-02}	0.35544	-3.70639
C1QTNF2	1.17	3.76	2.872	3.37×10^{-02}	0.35552	-3.70754
AI435514	-1.43	5.76	-2.870	3.38×10^{-02}	0.35595	-3.71019
NRSN2	1.70	6.81	2.870	3.38×10^{-02}	0.35595	-3.71021
LRP2BP	-2.30	3.61	-2.870	3.38×10^{-02}	0.35595	-3.71034
BC040995	1.59	2.39	2.869	3.38×10^{-02}	0.35617	-3.71211

PKD1L1	1.08	3.82	2.867	3.39×10^{-02}	0.35671	-3.71422
AW450549	1.68	3.72	2.866	3.39×10^{-02}	0.35671	-3.71565
PCDHB18P	-1.12	4.17	-2.859	3.42×10^{-02}	0.35840	-3.72414
DLX5	-1.94	3.58	-2.856	3.43×10^{-02}	0.35874	-3.72746
AV649018	-1.55	3.46	-2.856	3.43×10^{-02}	0.35874	-3.72760
LOC101927587	-1.74	3.56	-2.852	3.45×10^{-02}	0.35977	-3.73269
AF085926	-2.25	4.10	-2.852	3.45×10^{-02}	0.35981	-3.73337
AF052090	1.33	3.66	2.849	3.46×10^{-02}	0.36037	-3.73655
RGS13	1.73	2.31	2.846	3.48×10^{-02}	0.36126	-3.74059

				02		
CT47A12	1.54	6.06	2.841	3.50×10^{-02}	0.36152	-3.74707
LOC101928535	1.46	3.71	2.840	3.50×10^{-02}	0.36152	-3.74815
AW027331	2.18	3.29	2.839	3.50×10^{-02}	0.36152	-3.74907
LOC102724094	-1.37	4.91	-2.839	3.51×10^{-02}	0.36152	-3.74947
LINC01087	1.20	4.26	2.838	3.51×10^{-02}	0.36152	-3.74997
SPATA42	-2.04	3.80	-2.838	3.51×10^{-02}	0.36152	-3.75092
BC016001	-1.26	4.05	-2.836	3.52×10^{-02}	0.36152	-3.75321
AK026890	-1.36	4.92	-2.834	3.52×10^{-02}	0.36152	-3.75510

AF086437	2.69	3.26	2.834	3.53×10^{-02}	0.36152	-3.75546
AW003140	-2.23	5.19	-2.833	3.53×10^{-02}	0.36167	-3.75628
SERPINC1	-1.08	3.90	-2.831	3.54×10^{-02}	0.36212	-3.75945
BC041946	1.59	2.79	2.830	3.54×10^{-02}	0.36212	-3.76051
AA430151	-1.09	4.82	-2.827	3.56×10^{-02}	0.36212	-3.76440
BC017976	2.82	2.07	2.826	3.56×10^{-02}	0.36212	-3.76593
C8orf34-AS1	2.49	2.22	2.825	3.56×10^{-02}	0.36212	-3.76655
BC033347	2.12	3.33	2.824	3.57×10^{-02}	0.36212	-3.76823
C3AR1	1.86	5.27	2.822	3.58×10^{-02}	0.36247	-3.77046

				02		
LOC101929745	1.64	2.14	2.822	3.58×10^{-02}	0.36247	-3.77069
AI655806	-2.08	3.25	-2.822	3.58×10^{-02}	0.36249	-3.77113
R49315	3.04	1.38	2.821	3.58×10^{-02}	0.36268	-3.77220
GKN1	1.47	3.76	2.815	3.61×10^{-02}	0.36295	-3.77979
AK024464	1.51	3.58	2.814	3.61×10^{-02}	0.36295	-3.78045
AF113018	1.00	4.22	2.811	3.62×10^{-02}	0.36341	-3.78406
KCNK10	1.59	4.47	2.810	3.63×10^{-02}	0.36359	-3.78591
SYCE1L	-1.44	3.83	-2.803	3.66×10^{-02}	0.36509	-3.79425

AA868500	-1.52	6.06	-2.803	3.66×10^{-02}	0.36509	-3.79498
SCN9A	-1.13	5.13	-2.801	3.67×10^{-02}	0.36509	-3.79669
AF118079	2.60	1.78	2.801	3.67×10^{-02}	0.36509	-3.79678
BF061543	2.10	4.19	2.801	3.67×10^{-02}	0.36509	-3.79715
LOC101929988	-2.08	4.48	-2.800	3.67×10^{-02}	0.36530	-3.79884
AV691872	-1.79	4.14	-2.797	3.68×10^{-02}	0.36533	-3.80165
AI820891	1.52	3.74	2.797	3.68×10^{-02}	0.36533	-3.80174
AW117431	-2.13	3.19	-2.796	3.69×10^{-02}	0.36548	-3.80307
AF086134	2.56	2.13	2.796	3.69×10^{-02}	0.36548	-3.80323

				02		
LOC100132735	-1.26	2.01	-2.793	3.70×10^{-02}	0.36604	-3.80667
H72951	1.09	2.81	2.791	3.71×10^{-02}	0.36647	-3.80989
ZSWIM4	-1.49	2.43	-2.789	3.72×10^{-02}	0.36675	-3.81267
AA129909	3.29	3.67	2.788	3.73×10^{-02}	0.36675	-3.81318
NPY6R	1.50	4.11	2.787	3.73×10^{-02}	0.36690	-3.81438
AI816790	1.85	3.11	2.787	3.73×10^{-02}	0.36690	-3.81540
CFHR5	-1.19	1.22	-2.786	3.73×10^{-02}	0.36690	-3.81561
LOC100131532	-1.17	4.81	-2.784	3.74×10^{-02}	0.36753	-3.81850

AI760295	1.01	5.72	2.782	3.75×10^{-02}	0.36756	-3.82085
LOC101929572	-2.32	3.18	-2.782	3.75×10^{-02}	0.36756	-3.82114
FLJ32742	1.53	3.42	2.779	3.77×10^{-02}	0.36828	-3.82473
AF159093	-1.59	4.01	-2.778	3.77×10^{-02}	0.36828	-3.82566
ARMC2	1.61	3.55	2.775	3.79×10^{-02}	0.36984	-3.83045
AI225238	2.09	2.24	2.774	3.79×10^{-02}	0.36984	-3.83115
BQ002274	-1.06	3.40	-2.773	3.80×10^{-02}	0.37014	-3.83274
BC021142	2.40	4.23	2.772	3.80×10^{-02}	0.37014	-3.83403
AK021554	1.71	3.96	2.772	3.80×10^{-02}	0.37014	-3.83414

				02		
BE219961	-1.26	4.50	-2.771	3.80×10^{-02}	0.37014	-3.83442
BE791824	-1.89	4.47	-2.768	3.82×10^{-02}	0.37059	-3.83895
ACTL6B	1.60	2.85	2.768	3.82×10^{-02}	0.37059	-3.83934
BF435593	1.45	3.37	2.766	3.83×10^{-02}	0.37109	-3.84132
AK025332	1.78	4.62	2.765	3.83×10^{-02}	0.37119	-3.84207
BF056209	1.69	4.21	2.765	3.83×10^{-02}	0.37119	-3.84229
BE675108	1.76	2.38	2.764	3.83×10^{-02}	0.37139	-3.84355
AMDHD1	-1.27	5.27	-2.764	3.84×10^{-02}	0.37142	-3.84453

SLCO4A1-AS1	1.44	4.87	2.763	3.84×10^{-02}	0.37142	-3.84493
LCN6	1.40	4.81	2.762	3.85×10^{-02}	0.37142	-3.84667
PCK1	1.67	1.58	2.762	3.85×10^{-02}	0.37142	-3.84695
KCNJ11	-2.21	3.14	-2.761	3.85×10^{-02}	0.37142	-3.84804
BC038630	2.69	1.58	2.759	3.86×10^{-02}	0.37148	-3.85043
AA706322	1.66	4.61	2.758	3.86×10^{-02}	0.37148	-3.85168
SCGB3A1	1.03	3.34	2.754	3.88×10^{-02}	0.37199	-3.85667
AK024634	-1.72	3.73	-2.753	3.89×10^{-02}	0.37220	-3.85760
KHDRBS2	1.29	5.05	2.753	3.89×10^{-02}	0.37220	-3.85794

				02		
BQ024890	-1.10	2.98	-2.751	3.90×10^{-02}	0.37229	-3.86007
SCN4B	1.14	2.45	2.751	3.90×10^{-02}	0.37229	-3.86010
UTY	1.25	5.00	2.748	3.91×10^{-02}	0.37257	-3.86452
LOC100507630	1.62	3.94	2.747	3.91×10^{-02}	0.37257	-3.86503
BM989131	-1.22	3.10	-2.747	3.91×10^{-02}	0.37257	-3.86516
LOC101929752	-1.47	5.09	-2.747	3.92×10^{-02}	0.37260	-3.86558
PTPN20	3.00	1.31	2.746	3.92×10^{-02}	0.37281	-3.86694
ADCY10	-1.30	4.44	-2.744	3.93×10^{-02}	0.37286	-3.86892

LOC151121	-2.11	3.47	-2.743	3.93×10^{-02}	0.37286	-3.87025
CXCR1	1.27	4.43	2.743	3.94×10^{-02}	0.37286	-3.87101
BF511982	1.24	3.83	2.740	3.95×10^{-02}	0.37335	-3.87389
KIAA0226L	1.07	4.83	2.738	3.96×10^{-02}	0.37354	-3.87639
AI791859	2.99	4.64	2.736	3.97×10^{-02}	0.37357	-3.87894
BC013931	1.66	2.78	2.735	3.97×10^{-02}	0.37364	-3.88038
CYP4F11	-2.21	3.16	-2.731	3.99×10^{-02}	0.37488	-3.88551
LOC285593	-1.35	3.29	-2.731	3.99×10^{-02}	0.37488	-3.88608
$\times 10VPL$	-2.17	4.22	-2.730	4.00×10^{-02}	0.37488	-3.88676

				02		
×10HMT1-IT1	1.82	5.09	2.728	4.01×10^{-02}	0.37549	-3.89005
KRT31	-1.14	4.99	-2.727	4.01×10^{-02}	0.37553	-3.89073
LOC101928663	1.16	2.68	2.726	4.01×10^{-02}	0.37554	-3.89153
LOC101929622	1.83	3.93	2.726	4.02×10^{-02}	0.37554	-3.89235
LINC00852	-1.23	4.58	-2.725	4.02×10^{-02}	0.37555	-3.89348
LINC01579	1.83	4.28	2.725	4.02×10^{-02}	0.37556	-3.89382
AV706184	-1.87	2.98	-2.723	4.03×10^{-02}	0.37584	-3.89591
AI703450	-2.73	2.62	-2.721	4.04×10^{-02}	0.37584	-3.89790

BC034421	-1.46	3.86	-2.721	4.04×10^{-02}	0.37604	-3.89884
AW271626	1.96	3.45	2.720	4.05×10^{-02}	0.37607	-3.89986
AA908970	-1.60	3.63	-2.719	4.05×10^{-02}	0.37635	-3.90127
B×10675486	-1.24	6.15	-2.718	4.06×10^{-02}	0.37635	-3.90214
AI742356	-1.34	3.70	-2.718	4.06×10^{-02}	0.37635	-3.90225
LOC101927282	-2.00	4.16	-2.718	4.06×10^{-02}	0.37635	-3.90248
AL079309	-1.85	2.69	-2.716	4.06×10^{-02}	0.37646	-3.90443
AW665279	-1.14	5.09	-2.714	4.07×10^{-02}	0.37646	-3.90685
CCDC63	1.78	4.21	2.714	4.08×10^{-02}	0.37646	-3.90739

				02		
C1orf162	-1.67	3.83	-2.711	4.09×10^{-02}	0.37664	-3.91133
ATRNL1	1.15	4.37	2.711	4.09×10^{-02}	0.37664	-3.91135
N34402	-1.17	6.38	-2.710	4.10×10^{-02}	0.37674	-3.91240
AU158588	-2.24	2.65	-2.707	4.11×10^{-02}	0.37689	-3.91571
BC000772	1.50	3.38	2.706	4.12×10^{-02}	0.37698	-3.91780
AI697714	1.11	2.92	2.704	4.12×10^{-02}	0.37711	-3.91942
AI384053	2.57	1.35	2.704	4.12×10^{-02}	0.37711	-3.91981
BF509605	-1.29	3.44	-2.704	4.12×10^{-02}	0.37711	-3.91984

HOXD-AS2	2.17	4.00	2.704	4.13×10^{-02}	0.37712	-3.92050
CASC18	-1.37	4.39	-2.702	4.13×10^{-02}	0.37748	-3.92202
LOC100507250	-1.97	4.34	-2.700	4.14×10^{-02}	0.37827	-3.92486
AA033987	1.56	5.16	2.700	4.15×10^{-02}	0.37829	-3.92548
LGSN	-2.64	3.11	-2.695	4.17×10^{-02}	0.37924	-3.93136
BE550153	1.36	6.03	2.692	4.19×10^{-02}	0.38031	-3.93583
CA425039	-1.32	0.64	-2.689	4.20×10^{-02}	0.38095	-3.93858
AV739195	-1.70	3.14	-2.687	4.21×10^{-02}	0.38176	-3.94227
AA449838	1.21	4.51	2.685	4.22×10^{-02}	0.38225	-3.94426

				02		
PKD2L2	-1.70	2.92	-2.685	4.22×10^{-02}	0.38227	-3.94463
FLJ27354	-1.52	2.11	-2.684	4.23×10^{-02}	0.38232	-3.94510
MS4A3	1.41	4.08	2.684	4.23×10^{-02}	0.38233	-3.94577
PLA2G4E-AS1	-1.10	2.84	-2.680	4.25×10^{-02}	0.38233	-3.95061
AGBL1	1.77	4.33	2.679	4.25×10^{-02}	0.38243	-3.95168
AF090895	2.76	3.97	2.678	4.26×10^{-02}	0.38258	-3.95346
ERVFH21-1	-1.64	2.76	-2.677	4.26×10^{-02}	0.38258	-3.95395
AA608834	-1.46	5.09	-2.676	4.27×10^{-02}	0.38282	-3.95551

AL832887	1.76	3.28	2.673	4.28×10^{-02}	0.38339	-3.95899
AA504245	1.94	5.06	2.669	4.30×10^{-02}	0.38455	-3.96429
AA181233	-1.58	4.35	-2.669	4.30×10^{-02}	0.38455	-3.96456
BF221864	1.74	3.76	2.668	4.31×10^{-02}	0.38459	-3.96550
N93227	1.35	5.56	2.668	4.31×10^{-02}	0.38461	-3.96652
AI077566	-1.80	3.03	-2.667	4.31×10^{-02}	0.38461	-3.96658
LINC00161	1.74	3.98	2.667	4.32×10^{-02}	0.38467	-3.96727
STYK1	2.35	5.05	2.666	4.32×10^{-02}	0.38486	-3.96884
DYNLRB2	-1.62	3.58	-2.665	4.33×10^{-02}	0.38512	-3.97008

				02		
BE674276	-1.84	3.56	-2.664	4.33×10^{-02}	0.38527	-3.97113
LOC100419741	-1.42	4.67	-2.662	4.34×10^{-02}	0.38577	-3.97311
CLIC2	-2.47	3.86	-2.660	4.35×10^{-02}	0.38605	-3.97554
LOC100996906	-1.13	4.87	-2.657	4.37×10^{-02}	0.38676	-3.97961
GS1-259H13.2	-2.04	5.91	-2.656	4.37×10^{-02}	0.38685	-3.98081
AL049278	-1.23	3.71	-2.652	4.40×10^{-02}	0.38689	-3.98649
LOC101929050	-1.63	2.76	-2.652	4.40×10^{-02}	0.38689	-3.98677
AL050059	-2.29	1.58	-2.651	4.40×10^{-02}	0.38710	-3.98810

LOC440570	-1.24	3.03	-2.648	4.41×10^{-02}	0.38740	-3.99091
AW295367	-1.26	3.58	-2.648	4.41×10^{-02}	0.38740	-3.99093
AL049252	1.58	2.31	2.646	4.43×10^{-02}	0.38804	-3.99428
PPP1R32	-1.53	5.40	-2.645	4.43×10^{-02}	0.38810	-3.99505
AL080195	1.93	0.92	2.644	4.44×10^{-02}	0.38813	-3.99641
LOC101928361	1.33	2.52	2.639	4.46×10^{-02}	0.38908	-4.00242
LOC101928697	1.32	2.62	2.637	4.47×10^{-02}	0.38978	-4.00501
ZNF205-AS1	-1.37	5.66	-2.637	4.48×10^{-02}	0.38982	-4.00613
BC040860	-1.42	4.18	-2.636	4.48×10^{-02}	0.38982	-4.00636

				02		
AU147017	-2.94	4.67	-2.633	4.50×10^{-02}	0.39051	-4.01070
AL162013	-1.39	2.39	-2.632	4.51×10^{-02}	0.39068	-4.01208
RSPO4	-1.64	3.85	-2.630	4.51×10^{-02}	0.39100	-4.01421
PCDH11X	-1.83	3.37	-2.628	4.53×10^{-02}	0.39154	-4.01727
FAM43B	1.77	4.25	2.628	4.53×10^{-02}	0.39154	-4.01763
FBXO43	1.42	3.40	2.627	4.53×10^{-02}	0.39154	-4.01777
AL162033	-1.27	4.80	-2.624	4.55×10^{-02}	0.39238	-4.02174
AI923201	-1.64	4.24	-2.624	4.55×10^{-02}	0.39238	-4.02237

BC026219	-1.10	4.96	-2.623	4.55×10^{-02}	0.39239	-4.02322
IFNA7	-1.53	4.50	-2.621	4.56×10^{-02}	0.39258	-4.02570
LRRC4B	1.40	2.04	2.620	4.57×10^{-02}	0.39258	-4.02753
BC042969	-1.18	2.88	-2.620	4.57×10^{-02}	0.39258	-4.02785
CYMP	1.68	6.01	2.620	4.57×10^{-02}	0.39258	-4.02792
AI806747	-2.83	2.54	-2.618	4.58×10^{-02}	0.39269	-4.03021
ANO4	1.54	3.97	2.617	4.59×10^{-02}	0.39269	-4.03063
SOX5	1.25	4.22	2.617	4.59×10^{-02}	0.39269	-4.03070
AL831870	-1.34	2.91	-2.617	4.59×10^{-02}	0.39269	-4.03119

				02		
AF113010	1.72	1.52	2.616	4.59×10^{-02}	0.39269	-4.03245
AI761812	-2.57	4.50	-2.616	4.60×10^{-02}	0.39269	-4.03278
CLEC4C	1.31	4.74	2.615	4.60×10^{-02}	0.39276	-4.03377
AW072559	2.15	1.75	2.614	4.60×10^{-02}	0.39276	-4.03463
AU147518	-1.18	4.55	-2.614	4.61×10^{-02}	0.39276	-4.03499
SH3RF3	-2.10	5.03	-2.613	4.61×10^{-02}	0.39276	-4.03566
LOC101927820	2.04	3.25	2.611	4.62×10^{-02}	0.39300	-4.03841
CDNF	-1.19	5.86	-2.611	4.62×10^{-02}	0.39300	-4.03880

BC036436	1.49	2.99	2.609	4.64×10^{-02}	0.39347	-4.04202
LOC101928580	1.03	4.48	2.608	4.64×10^{-02}	0.39347	-4.04232
BF432714	1.11	3.17	2.608	4.64×10^{-02}	0.39347	-4.04257
AL041619	1.89	3.83	2.607	4.65×10^{-02}	0.39363	-4.04445
AB015434	1.62	5.43	2.604	4.66×10^{-02}	0.39414	-4.04759
BF507518	-1.45	2.26	-2.603	4.67×10^{-02}	0.39428	-4.04898
LOC101929648	-1.58	4.38	-2.603	4.67×10^{-02}	0.39428	-4.04922
AW138265	1.66	4.79	2.597	4.70×10^{-02}	0.39569	-4.05682
BC039543	1.27	3.55	2.596	4.71×10^{-02}	0.39569	-4.05762

				02		
FLJ11710	1.27	6.02	2.595	4.71×10^{-02}	0.39585	-4.05933
AU147917	1.24	4.84	2.595	4.72×10^{-02}	0.39585	-4.05992
GRB14	-1.99	2.35	-2.594	4.72×10^{-02}	0.39588	-4.06100
LINC00314	2.25	1.37	2.593	4.72×10^{-02}	0.39588	-4.06154
LOC101929926	1.48	3.63	2.593	4.73×10^{-02}	0.39588	-4.06211
ZNF415	-2.15	1.91	-2.592	4.73×10^{-02}	0.39596	-4.06316
OTOF	1.48	2.88	2.592	4.73×10^{-02}	0.39596	-4.06320
BACH2	-1.01	5.29	-2.592	4.73×10^{-02}	0.39598	-4.06355

PLP1	-2.16	4.21	-2.590	4.75×10^{-02}	0.39635	-4.06609
AW448981	1.91	4.32	2.590	4.75×10^{-02}	0.39635	-4.06629
AW161921	-1.98	4.32	-2.587	4.76×10^{-02}	0.39650	-4.07004
AU148234	2.12	4.44	2.585	4.77×10^{-02}	0.39650	-4.07219
AI804994	2.09	2.84	2.582	4.79×10^{-02}	0.39650	-4.07657
AI808844	-1.16	6.33	-2.580	4.80×10^{-02}	0.39650	-4.07855
AA156720	-1.34	4.55	-2.580	4.80×10^{-02}	0.39650	-4.07911
AA868729	1.70	4.64	2.579	4.81×10^{-02}	0.39650	-4.07933
LOC400590	1.32	2.96	2.579	4.81×10^{-02}	0.39650	-4.07958

				02		
PTPRZ1	1.75	4.26	2.579	4.81×10^{-02}	0.39650	-4.08032
LOC101927166	1.39	5.16	2.578	4.82×10^{-02}	0.39650	-4.08142
AK094934	1.72	4.34	2.578	4.82×10^{-02}	0.39650	-4.08150
AW976746	1.37	4.35	2.578	4.82×10^{-02}	0.39650	-4.08160
LRRC31	-1.91	3.92	-2.577	4.82×10^{-02}	0.39650	-4.08255
PHACTR1	1.37	4.09	2.576	4.83×10^{-02}	0.39650	-4.08357
SLC28A2	1.40	4.42	2.576	4.83×10^{-02}	0.39653	-4.08394
BG500739	-1.51	2.70	-2.575	4.83×10^{-02}	0.39688	-4.08537

AI735068	-1.51	4.97	-2.574	4.84×10^{-02}	0.39700	-4.08641
GJB6	1.98	1.37	2.573	4.84×10^{-02}	0.39700	-4.08730
LUZP2	-1.10	5.81	-2.572	4.85×10^{-02}	0.39703	-4.08905
OR2K2	-1.54	4.27	-2.568	4.87×10^{-02}	0.39839	-4.09384
LOC401220	-1.97	3.24	-2.567	4.88×10^{-02}	0.39842	-4.09507
AF147347	1.29	3.78	2.567	4.88×10^{-02}	0.39842	-4.09557
ARID3B	1.53	5.27	2.566	4.89×10^{-02}	0.39851	-4.09654
AF198444	1.24	4.21	2.566	4.89×10^{-02}	0.39851	-4.09672
LOC101927876	1.06	5.22	2.564	4.90×10^{-02}	0.39861	-4.09910

				02		
CD1A	1.59	4.88	2.564	4.90×10^{-02}	0.39861	-4.09975
LOC646014	1.70	4.86	2.563	4.90×10^{-02}	0.39866	-4.10044
SLC17A1	-1.58	3.08	-2.561	4.92×10^{-02}	0.39882	-4.10292
TEX13A	1.49	3.82	2.560	4.92×10^{-02}	0.39882	-4.10389
IFNA5	-2.93	3.41	-2.560	4.92×10^{-02}	0.39882	-4.10419
MALRD1	-1.97	3.94	-2.557	4.94×10^{-02}	0.39988	-4.10869
R95743	1.46	5.36	2.556	4.95×10^{-02}	0.40000	-4.10954
AI821136	-1.33	4.74	-2.551	4.98×10^{-02}	0.40106	-4.11549

ARMC3	-1.28	3.99	-2.550	4.98×10^{-02}	0.40124	-4.11686
BC036583	1.27	4.52	2.550	4.98×10^{-02}	0.40124	-4.11709
ZBED8	-1.03	6.71	-2.549	4.99×10^{-02}	0.40173	-4.11890
PRG2	-1.68	4.78	-2.548	4.99×10^{-02}	0.40173	-4.11947
HOXB8	1.04	4.03	2.548	5.00×10^{-02}	0.40173	-4.12008

NC, negative control.

Table SII. Results of GSEA in SUM159 cells transfected with miR-203 NC groups.

GS follow link to MSigDB	Size	E S	N E S	NOM P-value	FDR q- value	FWER p-value	Rank at max	Leading edge
KEGG_FATTY_ACID_degradation	41	0. 41	2. 01	0	0	0	5416	tags=29%, list=19%, signal=36%
KEGG_PARKINSONS_DISEASE	113	0. 38	1. 99	0	0	0	9444	tags=39%, list=32%, signal=57%
KEGG_PEROXISOME	77	0. 38	1. 89	0	0	0	6805	tags=35%, list=23%, signal=46%
KEGG_OXIDATIVE_PHOSPHORYLATION	117	0. 41	1. 89	0	0	0	9216	tags=36%, list=32%,

								signal=52%
KEGG_HUNTINGTONS_DISEASE	168	0. 3	1. 74	0	0.058	0.2	8654	tags=33%, list=30%, signal=46%
KEGG_VALINE_LEUCINE_AND_ISOLEUCIN E_DEGRADATION	44	0. 39	1. 71	0	0.069	0.3	4009	tags=27%, list=14%, signal=32%
KEGG_LYSINE_DEGRADATION	41	0. 39	1. 62	0	0.07	0.4	4792	tags=29%, list=16%, signal=35%
KEGG_NOTCH_SIGNALING_PATHWAY	46	0. 33	1. 54	0	0.105	0.4	3208	tags=20%, list=11%, signal=22%
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS	129	0. 28	1. 52	0	0.128	0.6	7469	tags=26%, list=26%, signal=34%
KEGG_REGULATION_OF_AUTOPHAGY	34	0.	1.	0	0.123	0.7	4662	tags=26%,

		34	46					list=16%, signal=31%
KEGG_CARDIAC_MUSCLE_CONTRACTION	73	0. 29	1. 45	0	0.139	0.7	5492	tags=21%, list=19%, signal=25%
KEGG_RIBOSOME	71	0. 22	1. 42	0	0.161	0.7	5315	tags=11%, list=18%, signal=14%
KEGG_GLYCOSYLPHOSPHATIDYLINOSITOL_GPI_ANCHOR_BIOSYNTHESIS	24	0. 36	1. 4	0	0.16	0.7	8950	tags=42%, list=31%, signal=60%
KEGG_DNA_REPLICATION	36	0. 29	1. 4	0	0.154	0.7	8679	tags=39%, list=30%, signal=55%
KEGG_ARGININE_AND_PROLINE_METABOLISM	48	0. 31	1. 39	0	0.144	0.7	7032	tags=33%, list=24%, signal=44%

KEGG_CITRATE_CYCLE_TCA_CYCLE	30	0. 35	1. 39	0	0.135	0.7	3288	tags=20%, list=11%, signal=23%
KEGG_MISMATCH_REPAIR	22	0. 43	1. 35	0	0.169	0.7	8583	tags=45%, list=29%, signal=64%
KEGG_ETHER_LIPID_METABOLISM	26	0. 28	1. 32	0	0.191	0.7	5514	tags=23%, list=19%, signal=28%
KEGG_ALZHEIMERS_DISEASE	154	0. 25	1. 28	0	0.196	0.7	7244	tags=25%, list=25%, signal=33%
KEGG_BETA_ALANINE_METABOLISM	22	0. 36	1. 28	0	0.191	0.7	3766	tags=23%, list=13%, signal=26%
KEGG_BIOSYNTHESIS_OF_UNSATURATED_FATTY_ACIDS	18	0. 39	1. 28	0	0.183	0.7	4922	tags=28%, list=17%,

								signal=33%
KEGG_PROTEIN_EXPORT	22	0. 36	1. 26	0	0.195	0.7	12184	tags=64%, list=42%, signal=109%
KEGG_ALPHA_LINOLENIC_ACID_METABOLISM	15	0. 37	1. 24	0	0.226	0.7	4484	tags=27%, list=15%, signal=31%
KEGG_ABC_TRANSPORTERS	42	0. 35	1. 23	0	0.208	0.7	6325	tags=31%, list=22%, signal=39%
KEGG_PROXIMAL_TUBULE_BICARBONATE_RECLAMATION	22	0. 31	1. 2	0	0.23	0.7	2053	tags=9%, list=7%, signal=10%

NC, negative control, miR, microRNA; GSEA, Gene Set Enrichment Analysis.

Table SIII. Results of GSEA in the SUM159 cells transfected with miR-203 mimics groups.

GS follow link to MSigDB	Size	ES	NES	NOM P- value	FDR q- value	FWE R P- value	Rank at max	Leading edge
KEGG_PRION_DISEASES	34	-0.54	-2.05	0	0	0	1878	tags=21%, list=6%, signal=22%
KEGG_NICOTINATE_AND_NICOTINAMIDE_METABOLISM	21	-0.32	-1.91	0	0	0	2035	tags=14%, list=7%, signal=15%
KEGG_NOD_LIKE_RECEPTOR_SIGNALING_PATHWAY	59	-0.42	-1.85	0	0	0	2741	tags=19%, list=9%, signal=21%
KEGG_GLUTATHIONE_METABOLISM	47	-0.33	-1.71	0	0.053	0.2	3909	tags=21%, list=13%, signal=25%
KEGG_CYTOSOLIC_DNA_SENSING_PATHWAY	53	-0.4	-1.67	0	0.043	0.2	3968	tags=28%, list=14%, signal=33%
KEGG_BLADDER_CANCER	40	-0.44	-1.66	0	0.035	0.2	2374	tags=15%, list=8%,

								signal=16%
KEGG_SMALL_CELL_LUNG_CANCER	84	-0.34	-1.65	0	0.03	0.2	2096	tags=18%, list=7%, signal=19%
KEGG_LEISHMANIA_INFECTION	68	-0.41	-1.63	0	0.027	0.2	3008	tags=24%, list=10%, signal=26%
KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_C HONDROITIN_SULFATE	22	-0.47	-1.57	0	0.049	0.5	4475	tags=32%, list=15%, signal=38%
KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECT ION	53	-0.32	-1.5	0	0.069	0.6	7124	tags=42%, list=24%, signal=55%
KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATH WAY	69	-0.34	-1.5	0	0.063	0.6	5198	tags=29%, list=18%, signal=35%
KEGG_PATHWAYS_IN_CANCER	319	-0.29	-1.49	0	0.058	0.6	4656	tags=22%, list=16%, signal=26%
KEGG_SELENOAMINO_ACID_METABOLISM	25	-0.41	-1.47	0	0.053	0.6	2960	tags=32%, list=10%, signal=36%
KEGG_COMPLEMENT_AND_COAGULATION_CAS CADES	67	-0.41	-1.46	0	0.059	0.7	4542	tags=30%, list=16%, signal=35%

KEGG_AXON_GUIDANCE	127	-0.37	-1.45	0	0.061	0.7	6501	tags=35%, list=22%, signal=45%
KEGG_SPHINGOLIPID_METABOLISM	32	-0.42	-1.45	0	0.057	0.7	2423	tags=25%, list=8%, signal=27%
KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY	98	-0.37	-1.4	0	0.094	0.8	3547	tags=22%, list=12%, signal=25%
KEGG_HEMATOPOIETIC_CELL_LINEAGE	84	-0.37	-1.39	0	0.089	0.8	6873	tags=40%, list=24%, signal=53%
KEGG_FOCAL_ADHESION	195	-0.29	-1.36	0	0.123	0.8	4729	tags=23%, list=16%, signal=27%
KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_HEPARAN_SULFATE	26	-0.44	-1.36	0	0.128	0.8	5275	tags=35%, list=18%, signal=42%
KEGG_APOPTOSIS	86	-0.29	-1.34	0	0.147	1	4656	tags=22%, list=16%, signal=26%
KEGG_P53_SIGNALING_PATHWAY	65	-0.33	-1.32	0	0.148	1	2212	tags=17%, list=8%, signal=18%
KEGG_GRAFT_VERSUS_HOST_DISEASE	37	-0.38	-1.32	0	0.141	1	163	tags=8%, list=1%,

								signal=8%
KEGG_GLYCEROLIPID_METABOLISM	42	-0.38	-1.3	0	0.231	1	5710	tags=29%, list=20%, signal=35%

NC, negative control, miR, microRNA; GSEA, Gene Set Enrichment Analysis.

Table SIV. The results of 3 different hub gene analysis (EcCentricity, Betweenness and Stress).

node_name	Stress	EcCentricity	Betweenness
FKBP5	30	0.50	20.66
DLG5	18	0.33	12.00
DLX5	16	0.33	12.00
KCTD16	12	0.33	6.00
PCDH17	4	0.25	1.66
CDH6	4	0.25	1.66
CYFIP2	0	0.25	0.00
FGF10	0	0.25	0.00

Table SV. The docking results of FKBP5 by virtual screening based on ZINC 15 database.

Title	docking score	glide gscore
ZINC000003944422	-8.06263	-8.06263
ZINC000028973441	-7.74162	-7.74162
ZINC000006094354	-7.68695	-7.68765
ZINC000006094354	-7.68695	-7.68765
ZINC000026664090	-7.58164	-7.59484
ZINC000003795819	-7.51105	-7.51175
ZINC000003795819	-7.51105	-7.51175
ZINC000029416466	-7.50779	-7.52099
ZINC000001536109	-7.20133	-7.24283
ZINC000100009278	-7.19529	-7.19789
ZINC000003873921	-7.02105	-7.03255
ZINC000003831139	-6.98936	-6.98936
ZINC000002008310	-6.98332	-6.98332

ZINC000003914596	-6.96447	-6.97767
ZINC000003914596	-6.96447	-6.97767
ZINC000100009280	-6.91352	-6.91612
ZINC000000000655	-6.90953	-6.90953
ZINC000001530617	-6.89114	-6.89654
ZINC000028973446	-6.88121	-6.88121
ZINC000003807917	-6.83829	-6.83829
ZINC000003812988	-6.83565	-6.84645
ZINC000000020220	-6.81379	-6.91359
ZINC000000020220	-6.81361	-6.91341
ZINC000003812851	-6.80763	-6.93423
ZINC000000020243	-6.79117	-6.79117
ZINC000100296828	-6.78789	-6.79279
ZINC000100296828	-6.78789	-6.79279
ZINC000000001370	-6.78406	-6.78446
ZINC000001530639	-6.76788	-6.76968
ZINC000022010375	-6.76748	-6.98208

ZINC0000013648755	-6.76278	-6.87498
ZINC0000001530977	-6.74042	-6.81992
ZINC0000000897089	-6.73435	-6.73685
ZINC0000000968336	-6.72402	-6.72402
ZINC0000021982937	-6.69448	-6.87438
ZINC0000021982937	-6.69448	-6.87438
ZINC0000021982937	-6.69448	-6.87438
ZINC0000003871541	-6.69401	-6.69401
ZINC0000000005895	-6.69238	-6.69628
ZINC0000001886617	-6.68695	-6.68875
ZINC0000000006156	-6.67911	-6.67911
ZINC0000001534965	-6.67621	-6.68571
ZINC0000001531009	-6.67375	-6.86225
ZINC0000013648755	-6.66027	-6.77247
ZINC0000013831141	-6.64906	-6.64906
ZINC0000000967597	-6.63019	-6.63019
ZINC0000003874185	-6.62804	-6.63054

ZINC000003833846	-6.62747	-6.64127
ZINC000000056652	-6.61363	-6.61363
ZINC000000002273	-6.57489	-6.58929
ZINC000000113398	-6.56239	-6.56329
ZINC000000000271	-6.55012	-6.55012
ZINC000006467621	-6.54418	-7.11078
ZINC000043206370	-6.53209	-6.53209
ZINC000000896703	-6.5313	-6.5313
ZINC000022010382	-6.52286	-6.73746
ZINC000001530806	-6.52078	-6.52158
ZINC000000000941	-6.4991	-6.4991
ZINC000100008319	-6.49194	-6.49224
ZINC000004217732	-6.49024	-6.49374
ZINC000000020237	-6.48658	-6.50718
ZINC000000020237	-6.48658	-6.50718
ZINC000022010387	-6.47851	-6.69311
ZINC000003812984	-6.4698	-6.4745

ZINC000000002279	-6.45422	-6.45452
ZINC000003812984	-6.45321	-6.45791
ZINC000000967521	-6.44645	-6.44645
ZINC000000075126	-6.42482	-6.54982
ZINC000035342789	-6.40311	-6.40611
ZINC000003831429	-6.39342	-6.39342
ZINC000001530814	-6.39247	-6.44697
ZINC000043207851	-6.38723	-6.38723
ZINC000008214651	-6.37384	-6.37384
ZINC000003812851	-6.36637	-6.49297
ZINC000003872520	-6.36049	-6.36139
ZINC000022010379	-6.35833	-6.57293
ZINC000022010379	-6.35833	-6.57293
ZINC000049841054	-6.3536	-6.3561
ZINC000000968305	-6.35117	-6.39147
ZINC000000000323	-6.3495	-6.35
ZINC000000897291	-6.3491	-6.3491

ZINC000000001554	-6.34909	-6.34909
ZINC000100296832	-6.33179	-6.33669
ZINC000100296832	-6.33179	-6.33669
ZINC000002570817	-6.32886	-6.32946
ZINC000000004321	-6.31838	-6.31978
ZINC000001481833	-6.31236	-6.31256
ZINC000003813083	-6.30395	-6.30395
ZINC000100006264	-6.29862	-6.31932
ZINC000008214402	-6.2949	-6.306
ZINC000000001341	-6.29138	-6.36258
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