

Disease Name	Rank	Candidate lncRNA name	Association score
disease of metabolism	1	PCGEM1	0.998459779
disease of metabolism	2	PCA3	0.998298506
disease of metabolism	3	KCNQ1OT1	0.995674924
disease of metabolism	4	GNAS-AS1	0.969900702
disease of metabolism	5	SNHG11	0.958060243
disease of metabolism	6	H19	0.950174326
disease of metabolism	7	HYMAI	0.947770125
disease of metabolism	8	MEG3	0.947394894
disease of metabolism	9	CDKN2B-AS1	0.945728095
disease of metabolism	10	MALAT1	0.942752505
disease of metabolism	11	LINC00961	0.929528494
disease of metabolism	12	MCHR2-AS1	0.921959913
disease of metabolism	13	LINC00271	0.915547773
disease of metabolism	14	IGF2-AS	0.912438617
disease of metabolism	15	LINC01235	0.909547773
disease of metabolism	16	OLMALINC	0.908783914
disease of metabolism	17	PEG3-AS1	0.902296429
disease of metabolism	18	COL18A1-AS1	0.900418197
disease of metabolism	19	LINC00293	0.896121005
disease of metabolism	20	VLDLR-AS1	0.883684507
disease of metabolism	21	XACT	0.881793862
disease of metabolism	22	LINC00319	0.878126908
disease of metabolism	23	NFIA-AS1	0.87785595
disease of metabolism	24	ABALON	0.872425719
disease of metabolism	25	TSIX	0.871312567
disease of metabolism	26	PARTICL	0.869715244
disease of metabolism	27	CARMN	0.86587481
disease of metabolism	28	ZNF667-AS1	0.86587481
disease of metabolism	29	TTY4	0.853391633
disease of metabolism	30	LINC00273	0.849198105
carbohydrate metabolism disease	1	CDKN2B-AS1	0.994047076
carbohydrate metabolism disease	2	LINC00271	0.984095469
carbohydrate metabolism disease	3	MALAT1	0.927736984
carbohydrate metabolism disease	4	HYMAI	0.912409018
carbohydrate metabolism disease	5	IGF2-AS	0.86965822
carbohydrate metabolism disease	6	H19	0.840585164
carbohydrate metabolism disease	7	KCNQ1OT1	0.801714278
carbohydrate metabolism disease	8	PVT1	0.801322784
carbohydrate metabolism disease	9	MEG3	0.785077302
carbohydrate metabolism disease	10	LINC01081	0.774239964
carbohydrate metabolism disease	11	ADORA2A-AS1	0.75630473
carbohydrate metabolism disease	12	NFIA-AS1	0.735760236
carbohydrate metabolism disease	13	HAS2-AS1	0.734804475
carbohydrate metabolism disease	14	RAD51-AS1	0.705141718
carbohydrate metabolism disease	15	COL18A1-AS1	0.701361656
carbohydrate metabolism disease	16	NCAM1-AS1	0.686957901

carbohydrate metabolism disease	17	GATA3-AS1	0.680674209
carbohydrate metabolism disease	18	PARD6G-AS1	0.680336959
carbohydrate metabolism disease	19	LINC01531	0.669002009
carbohydrate metabolism disease	20	HPN-AS1	0.659104945
carbohydrate metabolism disease	21	LINC01387	0.635847019
carbohydrate metabolism disease	22	IL10RB-AS1	0.62723421
carbohydrate metabolism disease	23	LMCD1-AS1	0.607301076
carbohydrate metabolism disease	24	LINC00856	0.607301076
carbohydrate metabolism disease	25	SERTAD4-AS1	0.596968348
carbohydrate metabolism disease	26	LINC00922	0.587427502
carbohydrate metabolism disease	27	TEX41	0.584774226
carbohydrate metabolism disease	28	KCTD21-AS1	0.582258236
carbohydrate metabolism disease	29	ATE1-AS1	0.577556623
carbohydrate metabolism disease	30	LINC01588	0.563522641
disease by infectious agent	1	HCP5	0.943532706
disease by infectious agent	2	ATXN8OS	0.913966464
disease by infectious agent	3	MIF-AS1	0.910731559
disease by infectious agent	4	GAS5	0.89997703
disease by infectious agent	5	GSTT1-AS1	0.882134695
disease by infectious agent	6	HCCAT5	0.877306436
disease by infectious agent	7	DBH-AS1	0.867655534
disease by infectious agent	8	MIR194-2HG	0.853369729
disease by infectious agent	9	LINC00602	0.8416249
disease by infectious agent	10	LINC00687	0.832344144
disease by infectious agent	11	LINC00974	0.811368644
disease by infectious agent	12	CYTOR	0.804643408
disease by infectious agent	13	TRERNA1	0.793234309
disease by infectious agent	14	MIR7-3HG	0.785625528
disease by infectious agent	15	NCRUPAR	0.780416372
disease by infectious agent	16	CAHM	0.76664507
disease by infectious agent	17	EPB41L4A-AS1	0.764153549
disease by infectious agent	18	PCAT5	0.730442561
disease by infectious agent	19	LINC00963	0.724409538
disease by infectious agent	20	ADORA2A-AS1	0.722734155
disease by infectious agent	21	RAD51-AS1	0.718050314
disease by infectious agent	22	TTY15	0.717073434
disease by infectious agent	23	LINC00511	0.712201248
disease by infectious agent	24	FENDRR	0.711833733
disease by infectious agent	25	LINC00473	0.702368621
disease by infectious agent	26	LINC01081	0.69137305
disease by infectious agent	27	ABALON	0.684401166
disease by infectious agent	28	COL18A1-AS1	0.680642961
disease by infectious agent	29	GHRLOS	0.671324778
disease by infectious agent	30	NUP50-AS1	0.665822353
sensory system disease	1	PISRT1	0.941765251
sensory system disease	2	CDKN2B-AS1	0.899572221
sensory system disease	3	ERICH1-AS1	0.895203433

sensory system disease	4	NALT1	0.888020326
sensory system disease	5	LINC01628	0.87350098
sensory system disease	6	MIR100HG	0.870297099
sensory system disease	7	GHRLOS	0.854297182
sensory system disease	8	EGOT	0.850533896
sensory system disease	9	PCAT5	0.842544187
sensory system disease	10	LINC00963	0.842185533
sensory system disease	11	LUCAT1	0.825172123
sensory system disease	12	RAD51-AS1	0.818501565
sensory system disease	13	CDR1-AS	0.813020807
sensory system disease	14	LINC01024	0.811024035
sensory system disease	15	TARID	0.798775502
sensory system disease	16	FAM83H-AS1	0.794515613
sensory system disease	17	C5orf66-AS2	0.79346966
sensory system disease	18	BCAR4	0.778786533
sensory system disease	19	CAHM	0.773658113
sensory system disease	20	NCRUPAR	0.766955549
sensory system disease	21	MIR22HG	0.734307828
sensory system disease	22	TUSC8	0.727584426
sensory system disease	23	COL18A1-AS1	0.716625309
sensory system disease	24	TRERNA1	0.707061762
sensory system disease	25	MIR7-3HG	0.705027505
sensory system disease	26	LINC00315	0.675190472
sensory system disease	27	LINC01081	0.661658079
sensory system disease	28	HAS2-AS1	0.647275844
sensory system disease	29	ADORA2A-AS1	0.645702399
sensory system disease	30	NFIA-AS1	0.642756731
monogenic disease	1	CDKN2B-AS1	0.789379118
monogenic disease	2	LINC01081	0.582787793
monogenic disease	3	HAS2-AS1	0.578317574
monogenic disease	4	RAD51-AS1	0.563671841
monogenic disease	5	LINC00856	0.53915731
monogenic disease	6	JAZF1-AS1	0.525566791
monogenic disease	7	LINC00336	0.492690664
monogenic disease	8	ADORA2A-AS1	0.471542102
monogenic disease	9	LINC01387	0.461916817
monogenic disease	10	LINC01588	0.411390082
monogenic disease	11	NFIA-AS1	0.357003521
monogenic disease	12	PARD6G-AS1	0.315511954
monogenic disease	13	IL10RB-AS1	0.269206254
monogenic disease	14	TEX41	0.262799983
monogenic disease	15	NCAM1-AS1	0.255945053
monogenic disease	16	MIR22HG	0.244233281
monogenic disease	17	DSCR9	0.239272846
monogenic disease	18	SERTAD4-AS1	0.21920597
monogenic disease	19	LINC00922	0.212657174
monogenic disease	20	LMCD1-AS1	0.192199206

monogenic disease	21	MIR4435-2HG	0.190683582
monogenic disease	22	PSMB8-AS1	0.179942517
monogenic disease	23	LINC00942	0.175197864
monogenic disease	24	HPN-AS1	0.172500478
monogenic disease	25	LINC01531	0.171611494
monogenic disease	26	ATE1-AS1	0.153312265
monogenic disease	27	KCTD21-AS1	0.145616074
monogenic disease	28	GATA3-AS1	0.142918238
monogenic disease	29	LINC00477	0.140120382
monogenic disease	30	LINC01098	0.139982885
primary bacterial infectious disease	1	GSTT1-AS1	0.93235805
primary bacterial infectious disease	2	LINC01081	0.932313051
primary bacterial infectious disease	3	RAD51-AS1	0.885704634
primary bacterial infectious disease	4	HAS2-AS1	0.884735943
primary bacterial infectious disease	5	NFIA-AS1	0.867451352
primary bacterial infectious disease	6	JAZF1-AS1	0.856186405
primary bacterial infectious disease	7	SERTAD4-AS1	0.778950452
primary bacterial infectious disease	8	LINC00856	0.741362319
primary bacterial infectious disease	9	LINC00942	0.717466698
primary bacterial infectious disease	10	ADORA2A-AS1	0.699164686
primary bacterial infectious disease	11	LINC01387	0.600232764
primary bacterial infectious disease	12	TEX41	0.489280231
primary bacterial infectious disease	13	LMCD1-AS1	0.460115345
primary bacterial infectious disease	14	PARD6G-AS1	0.455852144
primary bacterial infectious disease	15	IL10RB-AS1	0.4544171
primary bacterial infectious disease	16	LINC01588	0.422060056
primary bacterial infectious disease	17	LINC00477	0.411377779
primary bacterial infectious disease	18	NCAM1-AS1	0.37672993
primary bacterial infectious disease	19	LINC00922	0.368960984
primary bacterial infectious disease	20	MIR4435-2HG	0.366860466
primary bacterial infectious disease	21	GATA3-AS1	0.357643622
primary bacterial infectious disease	22	LINC01531	0.342212872
primary bacterial infectious disease	23	HPN-AS1	0.30744586
primary bacterial infectious disease	24	LINC00336	0.291636933
primary bacterial infectious disease	25	MIR22HG	0.291514036
primary bacterial infectious disease	26	ATE1-AS1	0.290915634
primary bacterial infectious disease	27	LINC01098	0.284922455
primary bacterial infectious disease	28	KCTD21-AS1	0.268144044
primary bacterial infectious disease	29	PSMB8-AS1	0.257339495
primary bacterial infectious disease	30	DSCR9	0.25682376
orofacial cleft	1	PVT1	0.84622434
orofacial cleft	2	LINC01081	0.808550897
orofacial cleft	3	HAS2-AS1	0.726994138
orofacial cleft	4	RAD51-AS1	0.643867428
orofacial cleft	5	MIR22HG	0.635186653
orofacial cleft	6	MIR4435-2HG	0.615106189
orofacial cleft	7	ADORA2A-AS1	0.605953952

orofacial cleft	8	NFIA-AS1	0.56066519
orofacial cleft	9	HELLPAR	0.439395951
orofacial cleft	10	ABALON	0.401916314
orofacial cleft	11	LINC00922	0.394963664
orofacial cleft	12	DSCR9	0.388330085
orofacial cleft	13	TEX41	0.376744719
orofacial cleft	14	NCAM1-AS1	0.340827211
orofacial cleft	15	IL10RB-AS1	0.33293852
orofacial cleft	16	LINC01387	0.314740091
orofacial cleft	17	LINC00856	0.286362744
orofacial cleft	18	LINC00336	0.280220326
orofacial cleft	19	SERTAD4-AS1	0.272054627
orofacial cleft	20	JAZF1-AS1	0.237206767
orofacial cleft	21	LMCD1-AS1	0.2345388
orofacial cleft	22	LINC00477	0.204363278
orofacial cleft	23	PARD6G-AS1	0.176183702
orofacial cleft	24	LINC00942	0.171931198
orofacial cleft	25	LINC01588	0.171796898
orofacial cleft	26	ATE1-AS1	0.169580666
orofacial cleft	27	HPN-AS1	0.164196622
orofacial cleft	28	PSMB8-AS1	0.143311387
orofacial cleft	29	LINC01531	0.138039896
orofacial cleft	30	KCTD21-AS1	0.132339928
respiratory system cancer	1	KIRREL3-AS3	0.993515703
respiratory system cancer	2	GAS5	0.991477889
respiratory system cancer	3	C5orf66-AS2	0.988656818
respiratory system cancer	4	TUG1	0.983925565
respiratory system cancer	5	SNHG1	0.982790104
respiratory system cancer	6	H19	0.979999716
respiratory system cancer	7	MEG3	0.975096134
respiratory system cancer	8	NEAT1	0.971095188
respiratory system cancer	9	ERICH1-AS1	0.963774636
respiratory system cancer	10	AFAP1-AS1	0.958746451
respiratory system cancer	11	LINC01133	0.957965071
respiratory system cancer	12	BANCR	0.957466093
respiratory system cancer	13	LINC01628	0.953172158
respiratory system cancer	14	LINC00473	0.951679775
respiratory system cancer	15	MIR17HG	0.95050565
respiratory system cancer	16	PVT1	0.944360841
respiratory system cancer	17	GACAT2	0.944360841
respiratory system cancer	18	NPTN-IT1	0.943247319
respiratory system cancer	19	MALAT1	0.938421672
respiratory system cancer	20	CCAT2	0.938130385
respiratory system cancer	21	UCA1	0.936403521
respiratory system cancer	22	MIR124-2HG	0.926326905
respiratory system cancer	23	PARTICL	0.925754335
respiratory system cancer	24	VLDLR-AS1	0.921454945

respiratory system cancer	25	LINC01235	0.917851328
respiratory system cancer	26	HELLPAR	0.917508604
respiratory system cancer	27	MIR22HG	0.916812808
respiratory system cancer	28	DISC1FP1	0.916124455
respiratory system cancer	29	DBET	0.911126552
respiratory system cancer	30	PWRN1	0.911126552
primary cutaneous amyloidosis	1	PCA3	0.808001196
primary cutaneous amyloidosis	2	PCGEM1	0.797235021
primary cutaneous amyloidosis	3	COL18A1-AS1	0.720183388
primary cutaneous amyloidosis	4	GHRLOS	0.604896776
primary cutaneous amyloidosis	5	LINC01081	0.59641963
primary cutaneous amyloidosis	6	ADORA2A-AS1	0.567587654
primary cutaneous amyloidosis	7	FALEC	0.563571088
primary cutaneous amyloidosis	8	HELLPAR	0.548576355
primary cutaneous amyloidosis	9	FMR1-AS1	0.539936258
primary cutaneous amyloidosis	10	ZNF667-AS1	0.524166675
primary cutaneous amyloidosis	11	RAD51-AS1	0.521599463
primary cutaneous amyloidosis	12	MIR4435-2HG	0.516792179
primary cutaneous amyloidosis	13	SAMMSON	0.500548111
primary cutaneous amyloidosis	14	LINC00654	0.498331546
primary cutaneous amyloidosis	15	LINC00032	0.493211837
primary cutaneous amyloidosis	16	LUCAT1	0.491891984
primary cutaneous amyloidosis	17	PCAT5	0.488788646
primary cutaneous amyloidosis	18	LINC00963	0.482344506
primary cutaneous amyloidosis	19	CAHM	0.467278267
primary cutaneous amyloidosis	20	NCRUPAR	0.463973099
primary cutaneous amyloidosis	21	MIR7-3HG	0.458240129
primary cutaneous amyloidosis	22	TRERNA1	0.456336837
primary cutaneous amyloidosis	23	LINC00467	0.438374119
primary cutaneous amyloidosis	24	EGOT	0.432329912
primary cutaneous amyloidosis	25	NUP50-AS1	0.417643889
primary cutaneous amyloidosis	26	MIR99AHG	0.409463952
primary cutaneous amyloidosis	27	HAS2-AS1	0.404685042
primary cutaneous amyloidosis	28	NFIA-AS1	0.398104688
primary cutaneous amyloidosis	29	PARTICL	0.394860469
primary cutaneous amyloidosis	30	LINC00315	0.384047925
organ system cancer	1	KIRREL3-AS3	0.999929922
organ system cancer	2	ZEB1-AS1	0.999897607
organ system cancer	3	CASC2	0.99989693
organ system cancer	4	HCCAT5	0.999882046
organ system cancer	5	LINC01133	0.999877408
organ system cancer	6	CASC16	0.999860584
organ system cancer	7	HAND2-AS1	0.999853966
organ system cancer	8	DANCR	0.999853966
organ system cancer	9	XIST	0.999846403
organ system cancer	10	DLEU2	0.999795687
organ system cancer	11	MIR503HG	0.999792098

organ system cancer	12	EGOT	0.999773091
organ system cancer	13	HCG27	0.999558961
organ system cancer	14	LINC00472	0.999024857
organ system cancer	15	PCGEM1	0.99793624
organ system cancer	16	DBH-AS1	0.997936055
organ system cancer	17	PTCSC2	0.997746254
organ system cancer	18	AFAP1-AS1	0.997542079
organ system cancer	19	PANDAR	0.996775103
organ system cancer	20	MIR17HG	0.994822055
organ system cancer	21	TDRG1	0.991177283
organ system cancer	22	PTCSC3	0.990177283
organ system cancer	23	TP73-AS1	0.985368164
organ system cancer	24	BCYRN1	0.980804346
organ system cancer	25	HOTAIR	0.980804346
organ system cancer	26	HCG4	0.980804346
organ system cancer	27	NBAT1	0.975330786
organ system cancer	28	LINC00663	0.975300239
organ system cancer	29	MIR7-3HG	0.971883102
organ system cancer	30	HNF1A-AS1	0.970219771
cell type cancer	1	KIRREL3-AS3	0.999907665
cell type cancer	2	ESRG	0.999877408
cell type cancer	3	HOTAIR	0.999820072
cell type cancer	4	DISC2	0.999799159
cell type cancer	5	PTCSC2	0.999746254
cell type cancer	6	SAMMSON	0.999657811
cell type cancer	7	LINC01133	0.999648928
cell type cancer	8	HYMAI	0.999588322
cell type cancer	9	ZEB1-AS1	0.999472631
cell type cancer	10	GAS5	0.999272202
cell type cancer	11	LINC00687	0.998929619
cell type cancer	12	NEAT1	0.998819611
cell type cancer	13	PTCSC3	0.998819611
cell type cancer	14	MEG3	0.997790292
cell type cancer	15	GHET1	0.997748432
cell type cancer	16	LINC01556	0.997715701
cell type cancer	17	MIR17HG	0.997374278
cell type cancer	18	PANDAR	0.997359775
cell type cancer	19	AFAP1-AS1	0.997359775
cell type cancer	20	LINC00663	0.997307981
cell type cancer	21	DBH-AS1	0.997247056
cell type cancer	22	H19	0.996941493
cell type cancer	23	CCDC26	0.996924279
cell type cancer	24	LINC00974	0.996924279
cell type cancer	25	EWSAT1	0.996865707
cell type cancer	26	LINC00654	0.995747506
cell type cancer	27	HCP5	0.995591156
cell type cancer	28	CYTOR	0.995496459

cell type cancer	29	HCCAT5	0.995496459
cell type cancer	30	LINC00675	0.995383124
autosomal dominant disease	1	MIR17HG	0.984625579
autosomal dominant disease	2	LINC01081	0.978502086
autosomal dominant disease	3	HAS2-AS1	0.974300347
autosomal dominant disease	4	RAD51-AS1	0.950668266
autosomal dominant disease	5	LINC01387	0.925969315
autosomal dominant disease	6	JAZF1-AS1	0.91667469
autosomal dominant disease	7	SERTAD4-AS1	0.831636166
autosomal dominant disease	8	TEX41	0.772660869
autosomal dominant disease	9	NCAM1-AS1	0.758982158
autosomal dominant disease	10	LINC01588	0.527102527
autosomal dominant disease	11	LINC00856	0.508828285
autosomal dominant disease	12	LMCD1-AS1	0.466767656
autosomal dominant disease	13	PARD6G-AS1	0.462298361
autosomal dominant disease	14	IL10RB-AS1	0.458324604
autosomal dominant disease	15	ADORA2A-AS1	0.383008479
autosomal dominant disease	16	NFIA-AS1	0.373536291
autosomal dominant disease	17	DSCR9	0.371346584
autosomal dominant disease	18	LINC00922	0.357865369
autosomal dominant disease	19	LINC00477	0.347606583
autosomal dominant disease	20	LINC00336	0.33671046
autosomal dominant disease	21	KCTD21-AS1	0.329063273
autosomal dominant disease	22	LINC01098	0.304783837
autosomal dominant disease	23	GATA3-AS1	0.261037209
autosomal dominant disease	24	LINC01531	0.253827896
autosomal dominant disease	25	MIR22HG	0.242767488
autosomal dominant disease	26	HPN-AS1	0.241482617
autosomal dominant disease	27	LINC00942	0.239738393
autosomal dominant disease	28	PSMB8-AS1	0.238370442
autosomal dominant disease	29	ATE1-AS1	0.235753885
autosomal dominant disease	30	MIR4435-2HG	0.217079934
autosomal genetic disease	1	MIR17HG	0.973461205
autosomal genetic disease	2	CDKN2B-AS1	0.95128495
autosomal genetic disease	3	LINC01081	0.902869888
autosomal genetic disease	4	RAD51-AS1	0.893079387
autosomal genetic disease	5	HAS2-AS1	0.890768445
autosomal genetic disease	6	TEX41	0.767195768
autosomal genetic disease	7	MIR22HG	0.757794181
autosomal genetic disease	8	LINC00942	0.706561614
autosomal genetic disease	9	LINC01588	0.577660611
autosomal genetic disease	10	LINC00922	0.405738186
autosomal genetic disease	11	SERTAD4-AS1	0.394340589
autosomal genetic disease	12	IL10RB-AS1	0.376529849
autosomal genetic disease	13	NFIA-AS1	0.354304661
autosomal genetic disease	14	DSCR9	0.348428576
autosomal genetic disease	15	LMCD1-AS1	0.331792344



autosomal genetic disease	16	PARD6G-AS1	0.331600108
autosomal genetic disease	17	JAZF1-AS1	0.323853509
autosomal genetic disease	18	LINC00477	0.31950328
autosomal genetic disease	19	LINC01098	0.305500821
autosomal genetic disease	20	ADORA2A-AS1	0.217282989
autosomal genetic disease	21	LINC01387	0.217147964
autosomal genetic disease	22	PSMB8-AS1	0.216853283
autosomal genetic disease	23	LINC00336	0.191719479
autosomal genetic disease	24	KCTD21-AS1	0.186910818
autosomal genetic disease	25	ATE1-AS1	0.184977458
autosomal genetic disease	26	LINC00856	0.164895534
autosomal genetic disease	27	HPN-AS1	0.161876472
autosomal genetic disease	28	LINC01531	0.148269088
autosomal genetic disease	29	GATA3-AS1	0.142301887
autosomal genetic disease	30	MIR4435-2HG	0.141847309
diffuse large B-cell lymphoma	1	HULC	0.758049092
diffuse large B-cell lymphoma	2	LINC00922	0.695853432
diffuse large B-cell lymphoma	3	PSMB8-AS1	0.689327719
diffuse large B-cell lymphoma	4	SERTAD4-AS1	0.671640263
diffuse large B-cell lymphoma	5	IL10RB-AS1	0.589331266
diffuse large B-cell lymphoma	6	LINC01098	0.570390574
diffuse large B-cell lymphoma	7	LINC01387	0.562372599
diffuse large B-cell lymphoma	8	JAZF1-AS1	0.532735045
diffuse large B-cell lymphoma	9	LMCD1-AS1	0.528790551
diffuse large B-cell lymphoma	10	LINC00336	0.503474082
diffuse large B-cell lymphoma	11	KCTD21-AS1	0.503211335
diffuse large B-cell lymphoma	12	PARD6G-AS1	0.487952083
diffuse large B-cell lymphoma	13	LINC01588	0.481088659
diffuse large B-cell lymphoma	14	TEX41	0.471990504
diffuse large B-cell lymphoma	15	NCAM1-AS1	0.471143647
diffuse large B-cell lymphoma	16	ATE1-AS1	0.466582796
diffuse large B-cell lymphoma	17	LINC00942	0.453826385
diffuse large B-cell lymphoma	18	DSCR9	0.452359783
diffuse large B-cell lymphoma	19	HPN-AS1	0.435487511
diffuse large B-cell lymphoma	20	LINC01531	0.428379608
diffuse large B-cell lymphoma	21	GATA3-AS1	0.427966931
diffuse large B-cell lymphoma	22	LINC00477	0.421242005
diffuse large B-cell lymphoma	23	LINC00856	0.413886982
diffuse large B-cell lymphoma	24	HELLPAR	0.41029431
diffuse large B-cell lymphoma	25	HAS2-AS1	0.408394281
diffuse large B-cell lymphoma	26	LINC00467	0.400575951
diffuse large B-cell lymphoma	27	LOXL1-AS1	0.395077698
diffuse large B-cell lymphoma	28	NBR2	0.354673311
diffuse large B-cell lymphoma	29	RAD51-AS1	0.354002667
diffuse large B-cell lymphoma	30	CARMN	0.352142431
phaeochromocytoma	1	MEG3	0.973057125
phaeochromocytoma	2	LINC01081	0.84939651

phaeochromocytoma	3	RAD51-AS1	0.825629571
phaeochromocytoma	4	HAS2-AS1	0.708826616
phaeochromocytoma	5	MIR4435-2HG	0.700695897
phaeochromocytoma	6	NFIA-AS1	0.590559652
phaeochromocytoma	7	ADORA2A-AS1	0.525650814
phaeochromocytoma	8	APTR	0.478163483
phaeochromocytoma	9	ABALON	0.442941488
phaeochromocytoma	10	COL18A1-AS1	0.431031461
phaeochromocytoma	11	GHRLOS	0.364144256
phaeochromocytoma	12	LINC00315	0.274520428
phaeochromocytoma	13	NBR2	0.254608079
phaeochromocytoma	14	NUP50-AS1	0.2454664
phaeochromocytoma	15	PARTICL	0.245411405
phaeochromocytoma	16	LINC00293	0.223722883
phaeochromocytoma	17	FALEC	0.213725382
phaeochromocytoma	18	PWAR5	0.181332351
phaeochromocytoma	19	ZNF667-AS1	0.172899814
phaeochromocytoma	20	LINC01587	0.167325305
phaeochromocytoma	21	FMR1-AS1	0.166631248
phaeochromocytoma	22	COPG2IT1	0.158815594
phaeochromocytoma	23	TTY2	0.152555198
phaeochromocytoma	24	LINC00479	0.14384454
phaeochromocytoma	25	TTY4	0.135255636
phaeochromocytoma	26	LINC00261	0.128795465
phaeochromocytoma	27	BLACAT1	0.118518779
phaeochromocytoma	28	BCAR4	0.115357176
phaeochromocytoma	29	C5orf66-AS2	0.10728574
phaeochromocytoma	30	DIO3OS	0.095036622
eye adnexa disease	1	PISRT1	0.757906575
eye adnexa disease	2	LINC01081	0.73915998
eye adnexa disease	3	RAD51-AS1	0.709707024
eye adnexa disease	4	HAS2-AS1	0.697609659
eye adnexa disease	5	PARD6G-AS1	0.661293201
eye adnexa disease	6	NCAM1-AS1	0.65195081
eye adnexa disease	7	IL10RB-AS1	0.621013319
eye adnexa disease	8	NFIA-AS1	0.617243676
eye adnexa disease	9	ADORA2A-AS1	0.548171903
eye adnexa disease	10	LINC01588	0.532306897
eye adnexa disease	11	LINC00336	0.513226346
eye adnexa disease	12	LINC01387	0.512796918
eye adnexa disease	13	LINC00856	0.493827973
eye adnexa disease	14	LINC00477	0.48781017
eye adnexa disease	15	LINC01098	0.486373087
eye adnexa disease	16	SERTAD4-AS1	0.477180418
eye adnexa disease	17	JAZF1-AS1	0.460187013
eye adnexa disease	18	DSCR9	0.457014288
eye adnexa disease	19	MIR4435-2HG	0.423694077

eye adnexa disease	20	MIR22HG	0.393382159
eye adnexa disease	21	PSMB8-AS1	0.393101795
eye adnexa disease	22	KCTD21-AS1	0.380984119
eye adnexa disease	23	ATE1-AS1	0.353284221
eye adnexa disease	24	LINC00922	0.351947789
eye adnexa disease	25	TEX41	0.342205766
eye adnexa disease	26	HPN-AS1	0.339823369
eye adnexa disease	27	LINC01531	0.32000831
eye adnexa disease	28	GATA3-AS1	0.307530718
eye adnexa disease	29	LINC00942	0.294070775
eye adnexa disease	30	LMCD1-AS1	0.294070775
artery disease	1	H19	0.980220363
artery disease	2	MIAT	0.973530873
artery disease	3	MALAT1	0.970670445
artery disease	4	TP53COR1	0.960884229
artery disease	5	CDKN2B-AS1	0.927313906
artery disease	6	CDKN2A-AS1	0.913392972
artery disease	7	KCNQ1OT1	0.906651908
artery disease	8	ADORA2A-AS1	0.901553903
artery disease	9	XACT	0.892374233
artery disease	10	LINC00479	0.88689415
artery disease	11	HAS2-AS1	0.836564353
artery disease	12	LINC00315	0.832260653
artery disease	13	CARMN	0.823690308
artery disease	14	PARTICL	0.800968164
artery disease	15	LINC00293	0.798514459
artery disease	16	TSIX	0.792201899
artery disease	17	ABALON	0.789661512
artery disease	18	ZNF667-AS1	0.789533377
artery disease	19	COPG2IT1	0.770607994
artery disease	20	DISC1FP1	0.766583296
artery disease	21	MIR194-2HG	0.760099205
artery disease	22	LINC00687	0.740901717
artery disease	23	LINC00974	0.73795902
artery disease	24	HCCAT5	0.730462569
artery disease	25	DBH-AS1	0.730058224
artery disease	26	LINC00602	0.713864556
artery disease	27	CYTOR	0.711921052
artery disease	28	FMR1-AS1	0.701006437
artery disease	29	RAD51-AS1	0.678182668
artery disease	30	APTR	0.644350871
pericardium disease	1	HCP5	0.942547903
pericardium disease	2	MIR22HG	0.876236303
pericardium disease	3	MIR4435-2HG	0.861222279
pericardium disease	4	ADORA2A-AS1	0.86103518
pericardium disease	5	NFIA-AS1	0.830305842
pericardium disease	6	LINC00477	0.766459505

pericardium disease	7	PARD6G-AS1	0.743223159
pericardium disease	8	PSMB8-AS1	0.674496126
pericardium disease	9	LINC01098	0.635734431
pericardium disease	10	LINC01588	0.625977696
pericardium disease	11	LINC00922	0.529881492
pericardium disease	12	TEX41	0.527260251
pericardium disease	13	NCAM1-AS1	0.517921355
pericardium disease	14	LINC00336	0.435383221
pericardium disease	15	LINC00942	0.432394861
pericardium disease	16	LINC01387	0.425073509
pericardium disease	17	KCTD21-AS1	0.416864175
pericardium disease	18	DSCR9	0.409958975
pericardium disease	19	ATE1-AS1	0.403149322
pericardium disease	20	JAZF1-AS1	0.386934299
pericardium disease	21	SERTAD4-AS1	0.368331971
pericardium disease	22	LINC00856	0.348795461
pericardium disease	23	HPN-AS1	0.347715396
pericardium disease	24	LINC01531	0.343807355
pericardium disease	25	GATA3-AS1	0.329053406
pericardium disease	26	IL10RB-AS1	0.321631193
pericardium disease	27	LMCD1-AS1	0.312666689
pericardium disease	28	CDR1-AS	0.308514669
pericardium disease	29	TARID	0.305438339
pericardium disease	30	FAM83H-AS1	0.304037533
peripheral artery disease	1	CDKN2B-AS1	0.862284815
peripheral artery disease	2	LINC01081	0.827338455
peripheral artery disease	3	HAS2-AS1	0.774950078
peripheral artery disease	4	RAD51-AS1	0.719615954
peripheral artery disease	5	LINC00922	0.653536058
peripheral artery disease	6	IL10RB-AS1	0.646357531
peripheral artery disease	7	LINC01588	0.636565911
peripheral artery disease	8	PARD6G-AS1	0.529526237
peripheral artery disease	9	DSCR9	0.526108113
peripheral artery disease	10	TEX41	0.52526056
peripheral artery disease	11	ADORA2A-AS1	0.446132112
peripheral artery disease	12	LINC01387	0.434658591
peripheral artery disease	13	LINC00856	0.423539025
peripheral artery disease	14	SERTAD4-AS1	0.406711415
peripheral artery disease	15	JAZF1-AS1	0.379424059
peripheral artery disease	16	LINC00336	0.357516155
peripheral artery disease	17	MIR22HG	0.341631029
peripheral artery disease	18	LMCD1-AS1	0.323079456
peripheral artery disease	19	NCAM1-AS1	0.31006852
peripheral artery disease	20	NFIA-AS1	0.296491292
peripheral artery disease	21	ATE1-AS1	0.27090445
peripheral artery disease	22	GATA3-AS1	0.269742669
peripheral artery disease	23	LINC00942	0.26743128

peripheral artery disease	24	LINC01531	0.264757466
peripheral artery disease	25	LINC00477	0.261506091
peripheral artery disease	26	HPN-AS1	0.257070779
peripheral artery disease	27	PSMB8-AS1	0.241746361
peripheral artery disease	28	MIR4435-2HG	0.235783421
peripheral artery disease	29	KCTD21-AS1	0.221161613
peripheral artery disease	30	LINC01098	0.218093522
tongue squamous cell carcinoma	1	MEG3	0.997779123
tongue squamous cell carcinoma	2	UCA1	0.997057962
tongue squamous cell carcinoma	3	MALAT1	0.995157384
tongue squamous cell carcinoma	4	LINC01098	0.958285476
tongue squamous cell carcinoma	5	LMCD1-AS1	0.952472053
tongue squamous cell carcinoma	6	IL10RB-AS1	0.86896658
tongue squamous cell carcinoma	7	LINC01387	0.769115291
tongue squamous cell carcinoma	8	LINC00856	0.750599508
tongue squamous cell carcinoma	9	SERTAD4-AS1	0.750518061
tongue squamous cell carcinoma	10	LINC00477	0.750322676
tongue squamous cell carcinoma	11	JAZF1-AS1	0.743940517
tongue squamous cell carcinoma	12	LINC00922	0.735829257
tongue squamous cell carcinoma	13	PARD6G-AS1	0.733234431
tongue squamous cell carcinoma	14	PSMB8-AS1	0.684027077
tongue squamous cell carcinoma	15	NCAM1-AS1	0.680109032
tongue squamous cell carcinoma	16	DSCR9	0.636071774
tongue squamous cell carcinoma	17	GATA3-AS1	0.634258354
tongue squamous cell carcinoma	18	LINC00336	0.595493134
tongue squamous cell carcinoma	19	KCTD21-AS1	0.56862776
tongue squamous cell carcinoma	20	LINC00942	0.568559703
tongue squamous cell carcinoma	21	TEX41	0.566971536
tongue squamous cell carcinoma	22	LINC01531	0.548753796
tongue squamous cell carcinoma	23	ATE1-AS1	0.509203074
tongue squamous cell carcinoma	24	LINC01588	0.490609583
tongue squamous cell carcinoma	25	HPN-AS1	0.466590785
tongue squamous cell carcinoma	26	LOXL1-AS1	0.457632101
tongue squamous cell carcinoma	27	OLMALINC	0.429675851
tongue squamous cell carcinoma	28	NFIA-AS1	0.422236576
tongue squamous cell carcinoma	29	MIR22HG	0.420902719
tongue squamous cell carcinoma	30	MIR4435-2HG	0.356123143
oral squamous cell carcinoma	1	HOTAIR	0.989746836
oral squamous cell carcinoma	2	MEG3	0.984378943
oral squamous cell carcinoma	3	NEAT1	0.964959847
oral squamous cell carcinoma	4	UCA1	0.931424566
oral squamous cell carcinoma	5	MALAT1	0.918093707
oral squamous cell carcinoma	6	CCAT2	0.908624998
oral squamous cell carcinoma	7	GHRLOS	0.893195386
oral squamous cell carcinoma	8	NBR2	0.890590496
oral squamous cell carcinoma	9	VLDLR-AS1	0.854325529
oral squamous cell carcinoma	10	PEG3-AS1	0.834857657

oral squamous cell carcinoma	11	LINC00315	0.832198195
oral squamous cell carcinoma	12	NUP50-AS1	0.809548133
oral squamous cell carcinoma	13	MIR22HG	0.793965641
oral squamous cell carcinoma	14	OLMALINC	0.765390241
oral squamous cell carcinoma	15	GNG12-AS1	0.753569168
oral squamous cell carcinoma	16	FALEC	0.745342191
oral squamous cell carcinoma	17	COL18A1-AS1	0.738597094
oral squamous cell carcinoma	18	ADORA2A-AS1	0.692692274
oral squamous cell carcinoma	19	MIR4435-2HG	0.67030342
oral squamous cell carcinoma	20	NFIA-AS1	0.662491168
oral squamous cell carcinoma	21	LINC01081	0.65722851
oral squamous cell carcinoma	22	GPR1-AS	0.645050401
oral squamous cell carcinoma	23	TTY4	0.63571032
oral squamous cell carcinoma	24	LINC00942	0.603321681
oral squamous cell carcinoma	25	IL10RB-AS1	0.524209173
oral squamous cell carcinoma	26	KCTD21-AS1	0.519000019
oral squamous cell carcinoma	27	LINC01387	0.515008912
oral squamous cell carcinoma	28	JAZF1-AS1	0.482261799
oral squamous cell carcinoma	29	PARD6G-AS1	0.414139278
oral squamous cell carcinoma	30	LINC01531	0.410838466
IMAGe syndrome	1	LINC01081	0.850093396
IMAGe syndrome	2	HAS2-AS1	0.817293752
IMAGe syndrome	3	RAD51-AS1	0.739196804
IMAGe syndrome	4	MIR22HG	0.711231234
IMAGe syndrome	5	ADORA2A-AS1	0.653993551
IMAGe syndrome	6	NFIA-AS1	0.620515646
IMAGe syndrome	7	MIR4435-2HG	0.620441535
IMAGe syndrome	8	HELLPAR	0.617550796
IMAGe syndrome	9	ABALON	0.563151423
IMAGe syndrome	10	LINC00477	0.437968791
IMAGe syndrome	11	TEX41	0.398922756
IMAGe syndrome	12	JAZF1-AS1	0.395030522
IMAGe syndrome	13	LINC00922	0.393272725
IMAGe syndrome	14	NCAM1-AS1	0.379048423
IMAGe syndrome	15	PARD6G-AS1	0.357957117
IMAGe syndrome	16	LMCD1-AS1	0.347954774
IMAGe syndrome	17	IL10RB-AS1	0.316805196
IMAGe syndrome	18	LINC01387	0.30781983
IMAGe syndrome	19	LINC00856	0.290944484
IMAGe syndrome	20	LINC00336	0.278996473
IMAGe syndrome	21	DSCR9	0.253814961
IMAGe syndrome	22	SERTAD4-AS1	0.242049795
IMAGe syndrome	23	LINC00942	0.21756675
IMAGe syndrome	24	LINC01098	0.195332884
IMAGe syndrome	25	HPN-AS1	0.194095604
IMAGe syndrome	26	ATE1-AS1	0.181848054
IMAGe syndrome	27	LINC01588	0.176056472

IMAGe syndrome	28	PSMB8-AS1	0.171766854
IMAGe syndrome	29	KCTD21-AS1	0.145889748
IMAGe syndrome	30	LINC01531	0.144325011
synucleinopathy	1	XIST	0.860549292
synucleinopathy	2	ATXN8OS	0.816579429
synucleinopathy	3	LINC01081	0.810240678
synucleinopathy	4	RAD51-AS1	0.763841513
synucleinopathy	5	HAS2-AS1	0.709279486
synucleinopathy	6	IL10RB-AS1	0.707144703
synucleinopathy	7	PARD6G-AS1	0.690868486
synucleinopathy	8	NFIA-AS1	0.666202558
synucleinopathy	9	MIR22HG	0.621595801
synucleinopathy	10	LINC01588	0.618119816
synucleinopathy	11	LINC00336	0.580170243
synucleinopathy	12	NCAM1-AS1	0.510895765
synucleinopathy	13	DSCR9	0.502900568
synucleinopathy	14	LINC00856	0.479953908
synucleinopathy	15	SERTAD4-AS1	0.428011957
synucleinopathy	16	JAZF1-AS1	0.414735092
synucleinopathy	17	TEX41	0.403298321
synucleinopathy	18	LINC00922	0.392510765
synucleinopathy	19	LINC01387	0.370258885
synucleinopathy	20	ADORA2A-AS1	0.362413245
synucleinopathy	21	LMCD1-AS1	0.32075224
synucleinopathy	22	LINC01531	0.316974414
synucleinopathy	23	PSMB8-AS1	0.314058266
synucleinopathy	24	LINC00942	0.301321439
synucleinopathy	25	ATE1-AS1	0.284344245
synucleinopathy	26	MIR4435-2HG	0.283935727
synucleinopathy	27	GATA3-AS1	0.268496518
synucleinopathy	28	LINC00477	0.26635129
synucleinopathy	29	KCTD21-AS1	0.262386129
synucleinopathy	30	HPN-AS1	0.25929931
medulloblastoma	1	H19	0.965632463
medulloblastoma	2	MIR17HG	0.957019434
medulloblastoma	3	VLDLR-AS1	0.925400537
medulloblastoma	4	OLMALINC	0.914463141
medulloblastoma	5	LINC00319	0.896688371
medulloblastoma	6	FBXW7-AS1	0.883964667
medulloblastoma	7	MHRT	0.835953881
medulloblastoma	8	PEG3-AS1	0.793654964
medulloblastoma	9	DSCR10	0.652141435
medulloblastoma	10	MIR137HG	0.62817606
medulloblastoma	11	MEG8	0.611542712
medulloblastoma	12	MESTIT1	0.503305267
medulloblastoma	13	DBET	0.488997447
medulloblastoma	14	LRRC3DN	0.460269064

medulloblastoma	15	NORAD	0.457139466
medulloblastoma	16	DISC1FP1	0.412340215
medulloblastoma	17	NBAT1	0.40685449
medulloblastoma	18	LINC01081	0.405085984
medulloblastoma	19	ZNF667-AS1	0.404056909
medulloblastoma	20	TTY2	0.396431663
medulloblastoma	21	LINC00963	0.386145448
medulloblastoma	22	PCAT5	0.359849151
medulloblastoma	23	LUCAT1	0.355192521
medulloblastoma	24	TUSC8	0.336535242
medulloblastoma	25	FMR1-AS1	0.319025124
medulloblastoma	26	FAM30A	0.314232882
medulloblastoma	27	HCG9	0.30511571
medulloblastoma	28	IL10RB-AS1	0.2862136
medulloblastoma	29	GATA3-AS1	0.262090419
medulloblastoma	30	LINC01387	0.261583069
myelodysplastic syndrome	1	SNHG4	0.943924685
myelodysplastic syndrome	2	MEG3	0.907363297
myelodysplastic syndrome	3	MIR137HG	0.890966427
myelodysplastic syndrome	4	DSCR10	0.806711247
myelodysplastic syndrome	5	OLMALINC	0.755340348
myelodysplastic syndrome	6	PEG3-AS1	0.706594093
myelodysplastic syndrome	7	VLDLR-AS1	0.643657192
myelodysplastic syndrome	8	MESTIT1	0.610375462
myelodysplastic syndrome	9	FBXW7-AS1	0.59951773
myelodysplastic syndrome	10	MHRT	0.590549561
myelodysplastic syndrome	11	LINC00319	0.549661652
myelodysplastic syndrome	12	MEG8	0.544276242
myelodysplastic syndrome	13	LINC01235	0.471351527
myelodysplastic syndrome	14	HLA-F-AS1	0.469965965
myelodysplastic syndrome	15	LRRC3DN	0.448298023
myelodysplastic syndrome	16	NORAD	0.444103564
myelodysplastic syndrome	17	LINC00336	0.43573447
myelodysplastic syndrome	18	LINC01387	0.431338711
myelodysplastic syndrome	19	PARD6G-AS1	0.427758397
myelodysplastic syndrome	20	LINC00856	0.426143698
myelodysplastic syndrome	21	GATA3-AS1	0.425568164
myelodysplastic syndrome	22	LINC01531	0.412261231
myelodysplastic syndrome	23	SERTAD4-AS1	0.41222187
myelodysplastic syndrome	24	IL10RB-AS1	0.40732468
myelodysplastic syndrome	25	JAZF1-AS1	0.400621767
myelodysplastic syndrome	26	LMCD1-AS1	0.399604187
myelodysplastic syndrome	27	HPN-AS1	0.396020097
myelodysplastic syndrome	28	TEX41	0.374197524
myelodysplastic syndrome	29	LINC00922	0.373138424
myelodysplastic syndrome	30	LINC00942	0.370483763
hereditary ataxia	1	ATXN8OS	0.764994422



hereditary ataxia	2	LINC01081	0.694931467
hereditary ataxia	3	HAS2-AS1	0.691584102
hereditary ataxia	4	RAD51-AS1	0.680774651
hereditary ataxia	5	LINC00942	0.664352852
hereditary ataxia	6	LINC01588	0.624531341
hereditary ataxia	7	LMCD1-AS1	0.614650581
hereditary ataxia	8	IL10RB-AS1	0.551759927
hereditary ataxia	9	PARD6G-AS1	0.545059763
hereditary ataxia	10	DSCR9	0.525676727
hereditary ataxia	11	TEX41	0.518041241
hereditary ataxia	12	LINC01387	0.506803388
hereditary ataxia	13	LINC00856	0.504328053
hereditary ataxia	14	SERTAD4-AS1	0.501854196
hereditary ataxia	15	JAZF1-AS1	0.480921436
hereditary ataxia	16	LINC00922	0.450010863
hereditary ataxia	17	LINC00336	0.435723871
hereditary ataxia	18	MIR22HG	0.420460922
hereditary ataxia	19	ADORA2A-AS1	0.402248689
hereditary ataxia	20	NCAM1-AS1	0.39680896
hereditary ataxia	21	NFIA-AS1	0.396361669
hereditary ataxia	22	LINC01531	0.392556715
hereditary ataxia	23	GATA3-AS1	0.381233154
hereditary ataxia	24	PSMB8-AS1	0.354121144
hereditary ataxia	25	HPN-AS1	0.342796329
hereditary ataxia	26	MIR4435-2HG	0.324031268
hereditary ataxia	27	LINC01098	0.307389936
hereditary ataxia	28	KCTD21-AS1	0.304108624
hereditary ataxia	29	ATE1-AS1	0.299072549
hereditary ataxia	30	LINC00477	0.287094313
spinocerebellar ataxia type 8	1	ATXN8OS	0.759777893
spinocerebellar ataxia type 8	2	LINC01081	0.7048692
spinocerebellar ataxia type 8	3	HAS2-AS1	0.702830717
spinocerebellar ataxia type 8	4	RAD51-AS1	0.682642511
spinocerebellar ataxia type 8	5	MIR22HG	0.671837432
spinocerebellar ataxia type 8	6	LMCD1-AS1	0.644014024
spinocerebellar ataxia type 8	7	IL10RB-AS1	0.642355916
spinocerebellar ataxia type 8	8	PARD6G-AS1	0.633177897
spinocerebellar ataxia type 8	9	LINC01588	0.616649423
spinocerebellar ataxia type 8	10	NFIA-AS1	0.578259501
spinocerebellar ataxia type 8	11	GATA3-AS1	0.577069381
spinocerebellar ataxia type 8	12	LINC00336	0.550374575
spinocerebellar ataxia type 8	13	LINC01387	0.549176245
spinocerebellar ataxia type 8	14	ADORA2A-AS1	0.517758266
spinocerebellar ataxia type 8	15	TEX41	0.505553468
spinocerebellar ataxia type 8	16	LINC00477	0.458499431
spinocerebellar ataxia type 8	17	HPN-AS1	0.458251151
spinocerebellar ataxia type 8	18	LINC01098	0.403005699

spinocerebellar ataxia type 8	19	NCAM1-AS1	0.351745912
spinocerebellar ataxia type 8	20	LINC00856	0.343187681
spinocerebellar ataxia type 8	21	SERTAD4-AS1	0.329439864
spinocerebellar ataxia type 8	22	JAZF1-AS1	0.322837104
spinocerebellar ataxia type 8	23	PSMB8-AS1	0.3211258
spinocerebellar ataxia type 8	24	LINC00922	0.30486265
spinocerebellar ataxia type 8	25	KCTD21-AS1	0.291366854
spinocerebellar ataxia type 8	26	LINC01531	0.285568768
spinocerebellar ataxia type 8	27	ATE1-AS1	0.282320942
spinocerebellar ataxia type 8	28	LINC00942	0.282320942
spinocerebellar ataxia type 8	29	MIR4435-2HG	0.262451173
spinocerebellar ataxia type 8	30	DSCR9	0.227878157
developmental disorder of mental health	1	LINC00299	0.876987366
developmental disorder of mental health	2	TP53TG1	0.785271987
developmental disorder of mental health	3	DISC2	0.774201544
developmental disorder of mental health	4	FAM83H-AS1	0.742244371
developmental disorder of mental health	5	LINC01024	0.7419046
developmental disorder of mental health	6	TARID	0.709278255
developmental disorder of mental health	7	CDR1-AS	0.704431141
developmental disorder of mental health	8	LINC00032	0.697840783
developmental disorder of mental health	9	LINC00654	0.694666159
developmental disorder of mental health	10	SAMMSON	0.66562672
developmental disorder of mental health	11	PCAT5	0.658327651
developmental disorder of mental health	12	LUCAT1	0.651719091
developmental disorder of mental health	13	LINC00963	0.635929236
developmental disorder of mental health	14	TDRG1	0.590147196
developmental disorder of mental health	15	TRERNA1	0.587241885
developmental disorder of mental health	16	MIR7-3HG	0.577573148
developmental disorder of mental health	17	CRNDE	0.557994193
developmental disorder of mental health	18	PTCSC3	0.535460526
developmental disorder of mental health	19	LINC00974	0.520940926
developmental disorder of mental health	20	DBH-AS1	0.511880343
developmental disorder of mental health	21	MIR194-2HG	0.506931335
developmental disorder of mental health	22	PTCSC2	0.497034626
developmental disorder of mental health	23	CYTOR	0.490391444
developmental disorder of mental health	24	LINC00687	0.488722477
developmental disorder of mental health	25	EGOT	0.483608767
developmental disorder of mental health	26	HCCAT5	0.479226501
developmental disorder of mental health	27	LINC00602	0.476048725
developmental disorder of mental health	28	NFIA-AS1	0.469903079
developmental disorder of mental health	29	MIR4435-2HG	0.469437801
developmental disorder of mental health	30	ADORA2A-AS1	0.463346597
specific developmental disorder	1	LINC00299	0.675742681
specific developmental disorder	2	HAS2-AS1	0.636443046
specific developmental disorder	3	ADORA2A-AS1	0.636175735
specific developmental disorder	4	COL18A1-AS1	0.608230945
specific developmental disorder	5	MIR4435-2HG	0.590600893

specific developmental disorder	6	NFIA-AS1	0.580606232
specific developmental disorder	7	ABALON	0.575582589
specific developmental disorder	8	APTR	0.564776104
specific developmental disorder	9	RAD51-AS1	0.556418632
specific developmental disorder	10	TRERNA1	0.542841557
specific developmental disorder	11	MIR7-3HG	0.540165708
specific developmental disorder	12	GHRLOS	0.534751221
specific developmental disorder	13	LINC00479	0.530574759
specific developmental disorder	14	LINC01081	0.528620022
specific developmental disorder	15	LINC00032	0.527531102
specific developmental disorder	16	SAMMSON	0.526851319
specific developmental disorder	17	LINC00654	0.517151011
specific developmental disorder	18	LINC00472	0.502677173
specific developmental disorder	19	TTY4	0.499618562
specific developmental disorder	20	BCAR4	0.499618562
specific developmental disorder	21	C5orf66-AS2	0.48911861
specific developmental disorder	22	LINC00261	0.476063234
specific developmental disorder	23	DIO3OS	0.470021993
specific developmental disorder	24	LUCAT1	0.46873877
specific developmental disorder	25	PCAT5	0.455075212
specific developmental disorder	26	LINC00963	0.454542291
specific developmental disorder	27	CYTOR	0.453757771
specific developmental disorder	28	HCCAT5	0.451659562
specific developmental disorder	29	MIR194-2HG	0.432988451
specific developmental disorder	30	LINC00687	0.412475412
pervasive developmental disorder	1	DISC2	0.853432434
pervasive developmental disorder	2	LINC01081	0.805822016
pervasive developmental disorder	3	RAD51-AS1	0.770666512
pervasive developmental disorder	4	HAS2-AS1	0.746118386
pervasive developmental disorder	5	TEX41	0.740336826
pervasive developmental disorder	6	NCAM1-AS1	0.738964526
pervasive developmental disorder	7	JAZF1-AS1	0.730210886
pervasive developmental disorder	8	SERTAD4-AS1	0.72588892
pervasive developmental disorder	9	LMCD1-AS1	0.719757928
pervasive developmental disorder	10	PARD6G-AS1	0.651722506
pervasive developmental disorder	11	IL10RB-AS1	0.632711892
pervasive developmental disorder	12	LINC01588	0.609155117
pervasive developmental disorder	13	NFIA-AS1	0.600151933
pervasive developmental disorder	14	LINC00856	0.586156274
pervasive developmental disorder	15	DSCR9	0.542749133
pervasive developmental disorder	16	ADORA2A-AS1	0.520767306
pervasive developmental disorder	17	LINC00922	0.470318159
pervasive developmental disorder	18	LINC00477	0.465904921
pervasive developmental disorder	19	LINC00336	0.433913879
pervasive developmental disorder	20	LINC01098	0.416299826
pervasive developmental disorder	21	GATA3-AS1	0.400022966
pervasive developmental disorder	22	LINC01531	0.389234763

pervasive developmental disorder	23	HPN-AS1	0.374906736
pervasive developmental disorder	24	LINC00942	0.353366391
pervasive developmental disorder	25	ATE1-AS1	0.333483723
pervasive developmental disorder	26	MIR22HG	0.331240678
pervasive developmental disorder	27	KCTD21-AS1	0.285566823
pervasive developmental disorder	28	MIR4435-2HG	0.283574907
pervasive developmental disorder	29	PSMB8-AS1	0.279385067
pervasive developmental disorder	30	LINC01387	0.273094177
autism spectrum disorder	1	DISC2	0.923255454
autism spectrum disorder	2	LINC01081	0.91270546
autism spectrum disorder	3	RAD51-AS1	0.906460565
autism spectrum disorder	4	HAS2-AS1	0.897771986
autism spectrum disorder	5	SERTAD4-AS1	0.859031725
autism spectrum disorder	6	IL10RB-AS1	0.849551952
autism spectrum disorder	7	PARD6G-AS1	0.822498165
autism spectrum disorder	8	NFIA-AS1	0.788141012
autism spectrum disorder	9	ADORA2A-AS1	0.75948477
autism spectrum disorder	10	LINC01387	0.712982437
autism spectrum disorder	11	LINC00942	0.664926467
autism spectrum disorder	12	TEX41	0.60860533
autism spectrum disorder	13	LMCD1-AS1	0.606462498
autism spectrum disorder	14	JAZF1-AS1	0.562471439
autism spectrum disorder	15	LINC00922	0.560689641
autism spectrum disorder	16	MIR22HG	0.554249801
autism spectrum disorder	17	LINC00336	0.536361729
autism spectrum disorder	18	LINC01588	0.52193498
autism spectrum disorder	19	LINC00856	0.494870861
autism spectrum disorder	20	NCAM1-AS1	0.473165147
autism spectrum disorder	21	DSCR9	0.471444797
autism spectrum disorder	22	LINC01098	0.452079675
autism spectrum disorder	23	PSMB8-AS1	0.384912139
autism spectrum disorder	24	KCTD21-AS1	0.372839206
autism spectrum disorder	25	LINC00477	0.3708355
autism spectrum disorder	26	HPN-AS1	0.359000869
autism spectrum disorder	27	ATE1-AS1	0.357859418
autism spectrum disorder	28	LINC01531	0.338393006
autism spectrum disorder	29	MIR4435-2HG	0.321536134
autism spectrum disorder	30	GATA3-AS1	0.320862231
hypersensitivity reaction disease	1	LINC01081	0.851423094
hypersensitivity reaction disease	2	RAD51-AS1	0.845826663
hypersensitivity reaction disease	3	HAS2-AS1	0.839643562
hypersensitivity reaction disease	4	JAZF1-AS1	0.77488045
hypersensitivity reaction disease	5	NCAM1-AS1	0.763087586
hypersensitivity reaction disease	6	LMCD1-AS1	0.761344323
hypersensitivity reaction disease	7	LINC01588	0.758727796
hypersensitivity reaction disease	8	IL10RB-AS1	0.753244879
hypersensitivity reaction disease	9	PARD6G-AS1	0.731618166

hypersensitivity reaction disease	10	NFIA-AS1	0.728120347
hypersensitivity reaction disease	11	LINC01387	0.702767486
hypersensitivity reaction disease	12	SERTAD4-AS1	0.672608472
hypersensitivity reaction disease	13	LINC00922	0.609759794
hypersensitivity reaction disease	14	LINC00942	0.53541557
hypersensitivity reaction disease	15	MIR22HG	0.522132947
hypersensitivity reaction disease	16	LINC00336	0.480199527
hypersensitivity reaction disease	17	LINC00856	0.468113652
hypersensitivity reaction disease	18	TEX41	0.447194352
hypersensitivity reaction disease	19	ADORA2A-AS1	0.430009146
hypersensitivity reaction disease	20	LINC01531	0.418067624
hypersensitivity reaction disease	21	HPN-AS1	0.399631064
hypersensitivity reaction disease	22	GATA3-AS1	0.398734424
hypersensitivity reaction disease	23	LINC00477	0.393494677
hypersensitivity reaction disease	24	LINC01098	0.388816627
hypersensitivity reaction disease	25	MIR4435-2HG	0.385849968
hypersensitivity reaction disease	26	ATE1-AS1	0.375323045
hypersensitivity reaction disease	27	DSCR9	0.372947118
hypersensitivity reaction disease	28	PSMB8-AS1	0.366308377
hypersensitivity reaction disease	29	KCTD21-AS1	0.35927955
hypersensitivity reaction disease	30	HELLPAR	0.311597187
lymphoma	1	MIR155HG	0.998244544
lymphoma	2	PVT1	0.998187169
lymphoma	3	HULC	0.979770055
lymphoma	4	GAS5	0.97119679
lymphoma	5	MALAT1	0.963171066
lymphoma	6	MIR17HG	0.962253624
lymphoma	7	HOTAIR	0.96035985
lymphoma	8	LINC01184	0.949863006
lymphoma	9	LINC00479	0.905415505
lymphoma	10	LINC00293	0.889803863
lymphoma	11	APTR	0.887202945
lymphoma	12	DIO3OS	0.872830095
lymphoma	13	PWRN1	0.868921212
lymphoma	14	ADORA2A-AS1	0.866303413
lymphoma	15	HAS2-AS1	0.846403563
lymphoma	16	RAD51-AS1	0.775454206
lymphoma	17	NUP50-AS1	0.751306058
lymphoma	18	LINC01081	0.722003275
lymphoma	19	CARMN	0.677857726
lymphoma	20	FMR1-AS1	0.673640938
lymphoma	21	NFIA-AS1	0.64799854
lymphoma	22	NBR2	0.587411478
lymphoma	23	TTY2	0.566997042
lymphoma	24	MIR22HG	0.558900935
lymphoma	25	PARTICL	0.540602954
lymphoma	26	MIR4435-2HG	0.500331578

lymphoma	27	ABALON	0.487438424
lymphoma	28	AGAP2-AS1	0.484921601
lymphoma	29	TTY4	0.477743623
lymphoma	30	LINC00315	0.477375425
non-Hodgkin lymphoma	1	HOTAIR	0.993725732
non-Hodgkin lymphoma	2	TUG1	0.991323303
non-Hodgkin lymphoma	3	MALAT1	0.989759406
non-Hodgkin lymphoma	4	PVT1	0.973406456
non-Hodgkin lymphoma	5	HULC	0.958264126
non-Hodgkin lymphoma	6	MIR155HG	0.931877141
non-Hodgkin lymphoma	7	LINC01081	0.931493061
non-Hodgkin lymphoma	8	HELLPAR	0.904409019
non-Hodgkin lymphoma	9	NBR2	0.879076413
non-Hodgkin lymphoma	10	HAS2-AS1	0.869220332
non-Hodgkin lymphoma	11	RAD51-AS1	0.855715699
non-Hodgkin lymphoma	12	MIR22HG	0.854409002
non-Hodgkin lymphoma	13	LINC00315	0.755348462
non-Hodgkin lymphoma	14	ABALON	0.743449021
non-Hodgkin lymphoma	15	ADORA2A-AS1	0.741209877
non-Hodgkin lymphoma	16	NFIA-AS1	0.740455946
non-Hodgkin lymphoma	17	APTR	0.642512822
non-Hodgkin lymphoma	18	MIR4435-2HG	0.626456885
non-Hodgkin lymphoma	19	JAZF1-AS1	0.584784366
non-Hodgkin lymphoma	20	SERTAD4-AS1	0.509344922
non-Hodgkin lymphoma	21	NCAM1-AS1	0.504938372
non-Hodgkin lymphoma	22	ATE1-AS1	0.466391999
non-Hodgkin lymphoma	23	PARD6G-AS1	0.462865496
non-Hodgkin lymphoma	24	LMCD1-AS1	0.439523934
non-Hodgkin lymphoma	25	GATA3-AS1	0.40450628
non-Hodgkin lymphoma	26	IL10RB-AS1	0.382632119
non-Hodgkin lymphoma	27	LINC01387	0.370838611
non-Hodgkin lymphoma	28	LINC01531	0.367578864
non-Hodgkin lymphoma	29	LINC00856	0.360795956
non-Hodgkin lymphoma	30	LINC00942	0.354420719
benign neoplasm	1	H19	0.903479638
benign neoplasm	2	MEG3	0.889054996
benign neoplasm	3	HOTAIR	0.798803549
benign neoplasm	4	MALAT1	0.703909165
benign neoplasm	5	NUP50-AS1	0.700375986
benign neoplasm	6	LINC00315	0.666789204
benign neoplasm	7	LINC01081	0.565723457
benign neoplasm	8	ADORA2A-AS1	0.554644407
benign neoplasm	9	MIR4435-2HG	0.53029224
benign neoplasm	10	DIO3OS	0.522369956
benign neoplasm	11	ABALON	0.519228096
benign neoplasm	12	HELLPAR	0.518805403
benign neoplasm	13	GNG12-AS1	0.501330669

benign neoplasm	14	COL18A1-AS1	0.487649347
benign neoplasm	15	LINC00479	0.480848068
benign neoplasm	16	AGAP2-AS1	0.461063062
benign neoplasm	17	TTY4	0.4590728
benign neoplasm	18	PCAT4	0.451236094
benign neoplasm	19	FMR1-AS1	0.450811987
benign neoplasm	20	MIR22HG	0.448790038
benign neoplasm	21	RAD51-AS1	0.43541164
benign neoplasm	22	HAS2-AS1	0.429387156
benign neoplasm	23	PARTICL	0.415034979
benign neoplasm	24	PWAR5	0.405119614
benign neoplasm	25	GHRLOS	0.391138315
benign neoplasm	26	LINC00575	0.382802532
benign neoplasm	27	DBET	0.375886887
benign neoplasm	28	DISC1FP1	0.367786422
benign neoplasm	29	LINC01587	0.363770296
benign neoplasm	30	CADM3-AS1	0.362914048
immune system cancer	1	GAS5	0.985340807
immune system cancer	2	MIR155HG	0.983612255
immune system cancer	3	SNHG4	0.977251395
immune system cancer	4	DLEU2	0.948445348
immune system cancer	5	MEG3	0.944621287
immune system cancer	6	CDKN2B-AS1	0.942009808
immune system cancer	7	PVT1	0.939110808
immune system cancer	8	H19	0.938634056
immune system cancer	9	MIR99AHG	0.933136033
immune system cancer	10	MALAT1	0.930506472
immune system cancer	11	MIR100HG	0.920203034
immune system cancer	12	TP53COR1	0.917722276
immune system cancer	13	CCAT1	0.916239018
immune system cancer	14	PSORS1C3	0.912029655
immune system cancer	15	TP73-AS1	0.909374524
immune system cancer	16	HOTAIR	0.907538947
immune system cancer	17	UCA1	0.907538947
immune system cancer	18	TUG1	0.905594421
immune system cancer	19	HULC	0.905058069
immune system cancer	20	HOTAIRM1	0.904847524
immune system cancer	21	CCDC26	0.8998517
immune system cancer	22	LINC00856	0.895519581
immune system cancer	23	FAM30A	0.895519581
immune system cancer	24	JAZF1-AS1	0.894575649
immune system cancer	25	LINC00942	0.894004412
immune system cancer	26	SERTAD4-AS1	0.894004412
immune system cancer	27	NUP50-AS1	0.889987569
immune system cancer	28	LINC00273	0.884390283
immune system cancer	29	RAD51-AS1	0.882378359
immune system cancer	30	LINC01602	0.87493313

cell type benign neoplasm	1	KCNQ1OT1	0.757095378
cell type benign neoplasm	2	MEG3	0.755449594
cell type benign neoplasm	3	LINC00336	0.74599245
cell type benign neoplasm	4	PARD6G-AS1	0.674403145
cell type benign neoplasm	5	LMCD1-AS1	0.604641918
cell type benign neoplasm	6	JAZF1-AS1	0.583909806
cell type benign neoplasm	7	TEX41	0.583025214
cell type benign neoplasm	8	DSCR9	0.568257359
cell type benign neoplasm	9	LINC01588	0.544451475
cell type benign neoplasm	10	NFIA-AS1	0.536581552
cell type benign neoplasm	11	MIR22HG	0.535992303
cell type benign neoplasm	12	ADORA2A-AS1	0.531956851
cell type benign neoplasm	13	IL10RB-AS1	0.494011161
cell type benign neoplasm	14	LINC00477	0.493145398
cell type benign neoplasm	15	NCAM1-AS1	0.471384824
cell type benign neoplasm	16	LINC00942	0.42938519
cell type benign neoplasm	17	GATA3-AS1	0.421652394
cell type benign neoplasm	18	LINC01531	0.414608135
cell type benign neoplasm	19	HPN-AS1	0.403924178
cell type benign neoplasm	20	SERTAD4-AS1	0.398843093
cell type benign neoplasm	21	LINC00856	0.393374987
cell type benign neoplasm	22	LINC01387	0.385366723
cell type benign neoplasm	23	ATE1-AS1	0.382672015
cell type benign neoplasm	24	LINC01098	0.374930009
cell type benign neoplasm	25	PSMB8-AS1	0.356771799
cell type benign neoplasm	26	LINC00922	0.343843071
cell type benign neoplasm	27	MIR4435-2HG	0.33939873
cell type benign neoplasm	28	KCTD21-AS1	0.323781443
cell type benign neoplasm	29	ABALON	0.288739179
cell type benign neoplasm	30	APTR	0.284745293
organ system benign neoplasm	1	MEG3	0.945360893
organ system benign neoplasm	2	H19	0.888325155
organ system benign neoplasm	3	MALAT1	0.860818608
organ system benign neoplasm	4	LINC01081	0.830134004
organ system benign neoplasm	5	ADORA2A-AS1	0.711740322
organ system benign neoplasm	6	NUP50-AS1	0.704752986
organ system benign neoplasm	7	PARTICL	0.672192153
organ system benign neoplasm	8	ABALON	0.643579881
organ system benign neoplasm	9	LINC00479	0.629942104
organ system benign neoplasm	10	COL18A1-AS1	0.626355763
organ system benign neoplasm	11	MIR4435-2HG	0.619336433
organ system benign neoplasm	12	RAD51-AS1	0.61076692
organ system benign neoplasm	13	LINC00293	0.59278645
organ system benign neoplasm	14	HAS2-AS1	0.582912784
organ system benign neoplasm	15	HELLPAR	0.581392377
organ system benign neoplasm	16	TTY4	0.5801975
organ system benign neoplasm	17	AGAP2-AS1	0.574585567



organ system benign neoplasm	18	MIR181A1HG	0.559166241
organ system benign neoplasm	19	COPG2IT1	0.547304124
organ system benign neoplasm	20	GNG12-AS1	0.547166306
organ system benign neoplasm	21	LINC00575	0.484564341
organ system benign neoplasm	22	LINC00273	0.461265308
organ system benign neoplasm	23	GPR1-AS	0.444230948
organ system benign neoplasm	24	FMR1-AS1	0.438331572
organ system benign neoplasm	25	LINC00315	0.428822034
organ system benign neoplasm	26	PWAR5	0.421068734
organ system benign neoplasm	27	XACT	0.415199331
organ system benign neoplasm	28	MIR22HG	0.388694956
organ system benign neoplasm	29	CARMN	0.378682047
organ system benign neoplasm	30	LINC01587	0.366596536
endocrine organ benign neoplasm	1	MEG3	0.998034484
endocrine organ benign neoplasm	2	HOTAIR	0.996644323
endocrine organ benign neoplasm	3	MALAT1	0.957956638
endocrine organ benign neoplasm	4	LINC01081	0.955371267
endocrine organ benign neoplasm	5	RAD51-AS1	0.916722983
endocrine organ benign neoplasm	6	HAS2-AS1	0.864706631
endocrine organ benign neoplasm	7	LINC01588	0.814682628
endocrine organ benign neoplasm	8	MIR4435-2HG	0.644358355
endocrine organ benign neoplasm	9	LINC00477	0.5732002
endocrine organ benign neoplasm	10	DSCR9	0.512393443
endocrine organ benign neoplasm	11	LINC01387	0.493588936
endocrine organ benign neoplasm	12	LINC00336	0.444245352
endocrine organ benign neoplasm	13	IL10RB-AS1	0.386461261
endocrine organ benign neoplasm	14	LMCD1-AS1	0.382124754
endocrine organ benign neoplasm	15	PARD6G-AS1	0.370331412
endocrine organ benign neoplasm	16	NCAM1-AS1	0.346098357
endocrine organ benign neoplasm	17	TEX41	0.339871322
endocrine organ benign neoplasm	18	LINC00856	0.318099331
endocrine organ benign neoplasm	19	LINC00922	0.313872805
endocrine organ benign neoplasm	20	LINC01098	0.311708783
endocrine organ benign neoplasm	21	GATA3-AS1	0.310573722
endocrine organ benign neoplasm	22	LINC01531	0.293984348
endocrine organ benign neoplasm	23	HPN-AS1	0.260646349
endocrine organ benign neoplasm	24	ADORA2A-AS1	0.233027479
endocrine organ benign neoplasm	25	ATE1-AS1	0.21712073
endocrine organ benign neoplasm	26	LINC00942	0.210600801
endocrine organ benign neoplasm	27	MIR22HG	0.202611718
endocrine organ benign neoplasm	28	KCTD21-AS1	0.186029225
endocrine organ benign neoplasm	29	JAZF1-AS1	0.15664117
endocrine organ benign neoplasm	30	SERTAD4-AS1	0.155329094
musculoskeletal system cancer	1	HCG4	0.982236239
musculoskeletal system cancer	2	PCA3	0.978260729
musculoskeletal system cancer	3	UCA1	0.968307583
musculoskeletal system cancer	4	HULC	0.9457464

musculoskeletal system cancer	5	GAS5	0.934491824
musculoskeletal system cancer	6	HOTTIP	0.922369935
musculoskeletal system cancer	7	PVT1	0.905772278
musculoskeletal system cancer	8	EWSAT1	0.904510239
musculoskeletal system cancer	9	BANCR	0.90112938
musculoskeletal system cancer	10	MALAT1	0.897613755
musculoskeletal system cancer	11	LINC01602	0.896505463
musculoskeletal system cancer	12	TTY2	0.889011335
musculoskeletal system cancer	13	CASC8	0.883202481
musculoskeletal system cancer	14	ZNF667-AS1	0.882376682
musculoskeletal system cancer	15	FAM30A	0.882376682
musculoskeletal system cancer	16	LINC00479	0.878191845
musculoskeletal system cancer	17	CADM3-AS1	0.866543055
musculoskeletal system cancer	18	CARMN	0.866437252
musculoskeletal system cancer	19	RAD51-AS1	0.866328557
musculoskeletal system cancer	20	LINC00315	0.864328557
musculoskeletal system cancer	21	LINC01081	0.862250594
musculoskeletal system cancer	22	GHRLOS	0.862100687
musculoskeletal system cancer	23	MIR22HG	0.856089084
musculoskeletal system cancer	24	LINC00273	0.849946345
musculoskeletal system cancer	25	HAS2-AS1	0.845107108
musculoskeletal system cancer	26	DBET	0.836495295
musculoskeletal system cancer	27	OLMALINC	0.835599383
musculoskeletal system cancer	28	ABALON	0.831374827
musculoskeletal system cancer	29	PEG3-AS1	0.824951227
musculoskeletal system cancer	30	MIR181A1HG	0.824176216
sensory system cancer	1	MIR155HG	0.987469577
sensory system cancer	2	MIR17HG	0.96317079
sensory system cancer	3	BANCR	0.954063987
sensory system cancer	4	LINC01081	0.94204974
sensory system cancer	5	RAD51-AS1	0.93946878
sensory system cancer	6	NFIA-AS1	0.932617851
sensory system cancer	7	MIR22HG	0.902983174
sensory system cancer	8	ABALON	0.900591934
sensory system cancer	9	MIR4435-2HG	0.895740204
sensory system cancer	10	APTR	0.800370813
sensory system cancer	11	LINC00922	0.797118718
sensory system cancer	12	LINC01387	0.790203969
sensory system cancer	13	NCAM1-AS1	0.776733297
sensory system cancer	14	PARD6G-AS1	0.750409593
sensory system cancer	15	IL10RB-AS1	0.726299448
sensory system cancer	16	LINC01588	0.721663774
sensory system cancer	17	DSCR9	0.68481177
sensory system cancer	18	JAZF1-AS1	0.658990847
sensory system cancer	19	LINC00477	0.639035572
sensory system cancer	20	LMCD1-AS1	0.632124174
sensory system cancer	21	LINC00856	0.626852606

sensory system cancer	22	TEX41	0.583085741
sensory system cancer	23	KCTD21-AS1	0.571711795
sensory system cancer	24	GATA3-AS1	0.524490317
sensory system cancer	25	LINC01531	0.46404019
sensory system cancer	26	HPN-AS1	0.463189052
sensory system cancer	27	LINC00942	0.450161562
sensory system cancer	28	ATE1-AS1	0.447761883
sensory system cancer	29	SERTAD4-AS1	0.442383933
sensory system cancer	30	PSMB8-AS1	0.437904681
pharynx cancer	1	HOTAIR	0.975247946
pharynx cancer	2	H19	0.957718215
pharynx cancer	3	LINC00312	0.902639509
pharynx cancer	4	VLDLR-AS1	0.891385912
pharynx cancer	5	OLMALINC	0.847551067
pharynx cancer	6	NBR2	0.737256196
pharynx cancer	7	LINC00319	0.612114599
pharynx cancer	8	PCAT4	0.610240125
pharynx cancer	9	FBXW7-AS1	0.598462853
pharynx cancer	10	HAS2-AS1	0.587295312
pharynx cancer	11	RAD51-AS1	0.579386761
pharynx cancer	12	LINC00315	0.577292764
pharynx cancer	13	MIR22HG	0.573943365
pharynx cancer	14	ABALON	0.544498167
pharynx cancer	15	DIO3OS	0.524295997
pharynx cancer	16	ZNF667-AS1	0.517572424
pharynx cancer	17	LINC01081	0.514361714
pharynx cancer	18	ADORA2A-AS1	0.484503682
pharynx cancer	19	MIR4435-2HG	0.48079505
pharynx cancer	20	LINC00942	0.475449582
pharynx cancer	21	IL10RB-AS1	0.473337954
pharynx cancer	22	LINC00922	0.460861503
pharynx cancer	23	SERTAD4-AS1	0.436360724
pharynx cancer	24	JAZF1-AS1	0.431161134
pharynx cancer	25	PARD6G-AS1	0.428633476
pharynx cancer	26	LINC01387	0.422473233
pharynx cancer	27	LMCD1-AS1	0.4149086
pharynx cancer	28	PSMB8-AS1	0.386416588
pharynx cancer	29	GATA3-AS1	0.37245618
pharynx cancer	30	LINC01531	0.354059944
integumentary system cancer	1	H19	0.958369484
integumentary system cancer	2	CDKN2B-AS1	0.951566162
integumentary system cancer	3	TP53COR1	0.890259159
integumentary system cancer	4	VLDLR-AS1	0.864210282
integumentary system cancer	5	LINC00319	0.825660352
integumentary system cancer	6	OLMALINC	0.774435251
integumentary system cancer	7	SERTAD4-AS1	0.763768602
integumentary system cancer	8	LINC00477	0.745600658

integumentary system cancer	9	LINC00922	0.655140637
integumentary system cancer	10	IL10RB-AS1	0.652746566
integumentary system cancer	11	TEX41	0.647206556
integumentary system cancer	12	PSMB8-AS1	0.631361214
integumentary system cancer	13	DSCR9	0.608328364
integumentary system cancer	14	LINC00336	0.590632207
integumentary system cancer	15	LINC01098	0.584065966
integumentary system cancer	16	KCTD21-AS1	0.581561172
integumentary system cancer	17	LINC01387	0.580778
integumentary system cancer	18	LINC00942	0.572945167
integumentary system cancer	19	GATA3-AS1	0.572088961
integumentary system cancer	20	LINC01531	0.554640275
integumentary system cancer	21	HPN-AS1	0.541008613
integumentary system cancer	22	NCAM1-AS1	0.54023854
integumentary system cancer	23	LMCD1-AS1	0.527018919
integumentary system cancer	24	PARD6G-AS1	0.521877056
integumentary system cancer	25	ATE1-AS1	0.511629316
integumentary system cancer	26	JAZF1-AS1	0.473768138
integumentary system cancer	27	LINC01588	0.472228817
integumentary system cancer	28	LINC00856	0.460381291
integumentary system cancer	29	FBXW7-AS1	0.455842052
integumentary system cancer	30	MIR4435-2HG	0.428394713
alexithymia	1	TP53TG1	0.734579977
alexithymia	2	NUP50-AS1	0.69749853
alexithymia	3	MIR4435-2HG	0.697028263
alexithymia	4	HELLPAR	0.641198125
alexithymia	5	GHRLOS	0.640076708
alexithymia	6	PARTICL	0.622488428
alexithymia	7	LINC00963	0.580818
alexithymia	8	PCAT5	0.575476617
alexithymia	9	LUCAT1	0.553512711
alexithymia	10	TUSC8	0.5451507
alexithymia	11	NCRUPAR	0.543554195
alexithymia	12	CAHM	0.528275593
alexithymia	13	TRERNA1	0.518853678
alexithymia	14	MIR7-3HG	0.509911453
alexithymia	15	BLACAT1	0.476979833
alexithymia	16	C5orf66-AS2	0.476979833
alexithymia	17	LINC00261	0.471147405
alexithymia	18	BCAR4	0.47030236
alexithymia	19	LINC-ROR	0.466847101
alexithymia	20	TDRG1	0.46436548
alexithymia	21	LINC00687	0.457201399
alexithymia	22	PTCSC3	0.43931478
alexithymia	23	EGOT	0.431003442
alexithymia	24	CYTOR	0.417023965
alexithymia	25	HCCAT5	0.406779183

alexithymia	26	LINC00602	0.385494328
alexithymia	27	LINC00974	0.366897746
alexithymia	28	PTCSC2	0.352611275
alexithymia	29	DBH-AS1	0.349571014
alexithymia	30	MIR194-2HG	0.345888787
acquired metabolic disease	1	H19	0.997588071
acquired metabolic disease	2	HYMAI	0.996080353
acquired metabolic disease	3	MALAT1	0.995378708
acquired metabolic disease	4	SNHG11	0.937817069
acquired metabolic disease	5	MEG3	0.922812267
acquired metabolic disease	6	PCGEM1	0.914319263
acquired metabolic disease	7	IGF2-AS	0.902843983
acquired metabolic disease	8	LINC00271	0.899022274
acquired metabolic disease	9	LINC00961	0.897746471
acquired metabolic disease	10	CDKN2B-AS1	0.878796405
acquired metabolic disease	11	KCNQ1OT1	0.870028804
acquired metabolic disease	12	PCA3	0.869334271
acquired metabolic disease	13	RAD51-AS1	0.866747256
acquired metabolic disease	14	VLDLR-AS1	0.863921192
acquired metabolic disease	15	LINC00293	0.85108251
acquired metabolic disease	16	FMR1-AS1	0.848007346
acquired metabolic disease	17	APTR	0.843711104
acquired metabolic disease	18	LINC01184	0.820234076
acquired metabolic disease	19	ABALON	0.819234076
acquired metabolic disease	20	TSIX	0.81723318
acquired metabolic disease	21	LINC00575	0.810553824
acquired metabolic disease	22	LINC00479	0.80940604
acquired metabolic disease	23	LINC00319	0.806562559
acquired metabolic disease	24	DIO3OS	0.804953187
acquired metabolic disease	25	NUP50-AS1	0.803680311
acquired metabolic disease	26	CADM3-AS1	0.799926245
acquired metabolic disease	27	ADORA2A-AS1	0.794163442
acquired metabolic disease	28	HAS2-AS1	0.791986233
acquired metabolic disease	29	JAZF1-AS1	0.784760535
acquired metabolic disease	30	SERTAD4-AS1	0.779529198
seasonal affective disorder	1	LINC01081	0.695927037
seasonal affective disorder	2	RAD51-AS1	0.671076801
seasonal affective disorder	3	HAS2-AS1	0.663258881
seasonal affective disorder	4	LINC00942	0.653877032
seasonal affective disorder	5	IL10RB-AS1	0.611091432
seasonal affective disorder	6	NCAM1-AS1	0.61047248
seasonal affective disorder	7	NFIA-AS1	0.59184052
seasonal affective disorder	8	LINC01387	0.573355366
seasonal affective disorder	9	ADORA2A-AS1	0.562666118
seasonal affective disorder	10	LINC00856	0.554785385
seasonal affective disorder	11	SERTAD4-AS1	0.524705933
seasonal affective disorder	12	JAZF1-AS1	0.512297752

seasonal affective disorder	13	LINC00922	0.508563437
seasonal affective disorder	14	LINC00477	0.500064553
seasonal affective disorder	15	MIR4435-2HG	0.499921577
seasonal affective disorder	16	PARD6G-AS1	0.488846911
seasonal affective disorder	17	LINC01098	0.48874058
seasonal affective disorder	18	LINC00336	0.468535876
seasonal affective disorder	19	GATA3-AS1	0.459494076
seasonal affective disorder	20	LINC01531	0.446176086
seasonal affective disorder	21	HPN-AS1	0.443317714
seasonal affective disorder	22	LINC01588	0.436139971
seasonal affective disorder	23	ATE1-AS1	0.436139971
seasonal affective disorder	24	KCTD21-AS1	0.40354437
seasonal affective disorder	25	DSCR9	0.394941643
seasonal affective disorder	26	PSMB8-AS1	0.3880739
seasonal affective disorder	27	TEX41	0.36131623
seasonal affective disorder	28	LMCD1-AS1	0.361206758
seasonal affective disorder	29	HELLPAR	0.351905816
seasonal affective disorder	30	ABALON	0.3511651
ptosis	1	PISRT1	0.843633237
ptosis	2	LINC01081	0.800566534
ptosis	3	HAS2-AS1	0.704398861
ptosis	4	RAD51-AS1	0.644098614
ptosis	5	LINC00856	0.620199402
ptosis	6	JAZF1-AS1	0.605007149
ptosis	7	DSCR9	0.600354051
ptosis	8	LINC01387	0.594507984
ptosis	9	ADORA2A-AS1	0.592111394
ptosis	10	LINC00336	0.591102664
ptosis	11	NFIA-AS1	0.59100218
ptosis	12	TEX41	0.589184566
ptosis	13	PARD6G-AS1	0.586643329
ptosis	14	IL10RB-AS1	0.558994928
ptosis	15	LMCD1-AS1	0.558428518
ptosis	16	LINC00922	0.549042831
ptosis	17	LINC01588	0.521172762
ptosis	18	NCAM1-AS1	0.503682246
ptosis	19	SERTAD4-AS1	0.469479032
ptosis	20	MIR22HG	0.466322547
ptosis	21	LINC00942	0.456729936
ptosis	22	LINC00477	0.455542706
ptosis	23	ATE1-AS1	0.436876036
ptosis	24	GATA3-AS1	0.426000577
ptosis	25	HPN-AS1	0.418361407
ptosis	26	LINC01098	0.418361407
ptosis	27	KCTD21-AS1	0.407048433
ptosis	28	LINC01531	0.40538801
ptosis	29	PSMB8-AS1	0.389351207

ptosis	30	MIR4435-2HG	0.3590578
Ohdo syndrome	1	PISRT1	0.760617399
Ohdo syndrome	2	HAS2-AS1	0.684192927
Ohdo syndrome	3	ADORA2A-AS1	0.600105047
Ohdo syndrome	4	MIR22HG	0.543597944
Ohdo syndrome	5	COL18A1-AS1	0.501795745
Ohdo syndrome	6	LINC01081	0.497184344
Ohdo syndrome	7	NFIA-AS1	0.475648533
Ohdo syndrome	8	MIR4435-2HG	0.465684854
Ohdo syndrome	9	ABALON	0.460914268
Ohdo syndrome	10	APTR	0.459907396
Ohdo syndrome	11	GHRLOS	0.454843294
Ohdo syndrome	12	DIO3OS	0.45456537
Ohdo syndrome	13	NBR2	0.449005568
Ohdo syndrome	14	GNG12-AS1	0.405551247
Ohdo syndrome	15	LINC00315	0.376988395
Ohdo syndrome	16	LINC00479	0.348324111
Ohdo syndrome	17	TTY4	0.335066436
Ohdo syndrome	18	LMCD1-AS1	0.332594795
Ohdo syndrome	19	PARD6G-AS1	0.321951847
Ohdo syndrome	20	IL10RB-AS1	0.319281217
Ohdo syndrome	21	PSMB8-AS1	0.3175276
Ohdo syndrome	22	LINC00336	0.284802156
Ohdo syndrome	23	ATE1-AS1	0.27126704
Ohdo syndrome	24	LINC00856	0.26954268
Ohdo syndrome	25	HPN-AS1	0.267534146
Ohdo syndrome	26	SERTAD4-AS1	0.266878349
Ohdo syndrome	27	JAZF1-AS1	0.255336158
Ohdo syndrome	28	LINC01531	0.250424456
Ohdo syndrome	29	GATA3-AS1	0.243366413
Ohdo syndrome	30	LINC01387	0.235749508
acute promyelocytic leukemia	1	PVT1	0.983364605
acute promyelocytic leukemia	2	HOTAIRM1	0.981307778
acute promyelocytic leukemia	3	NEAT1	0.981243445
acute promyelocytic leukemia	4	OLMALINC	0.979579339
acute promyelocytic leukemia	5	LINC00319	0.954500583
acute promyelocytic leukemia	6	VLDLR-AS1	0.952613097
acute promyelocytic leukemia	7	PEG3-AS1	0.914776164
acute promyelocytic leukemia	8	FBXW7-AS1	0.84932443
acute promyelocytic leukemia	9	MIR137HG	0.833802025
acute promyelocytic leukemia	10	DSCR10	0.793648537
acute promyelocytic leukemia	11	MHRT	0.778668436
acute promyelocytic leukemia	12	MEG8	0.712157738
acute promyelocytic leukemia	13	LRRC3DN	0.704944648
acute promyelocytic leukemia	14	MESTIT1	0.662473106
acute promyelocytic leukemia	15	CASC8	0.657545188
acute promyelocytic leukemia	16	NORAD	0.631951025

acute promyelocytic leukemia	17	RAD51-AS1	0.616980294
acute promyelocytic leukemia	18	DBET	0.588923137
acute promyelocytic leukemia	19	LINC01235	0.536279008
acute promyelocytic leukemia	20	DISC1FP1	0.521978999
acute promyelocytic leukemia	21	CARMN	0.507979477
acute promyelocytic leukemia	22	LINC01081	0.471368361
acute promyelocytic leukemia	23	NBR2	0.470978267
acute promyelocytic leukemia	24	COPG2IT1	0.433553048
acute promyelocytic leukemia	25	PWRN1	0.430699622
acute promyelocytic leukemia	26	NFIA-AS1	0.403920702
acute promyelocytic leukemia	27	LINC00315	0.351167158
acute promyelocytic leukemia	28	LINC00293	0.337101442
acute promyelocytic leukemia	29	PCAT4	0.317912562
acute promyelocytic leukemia	30	TTY2	0.300908841
transient neonatal diabetes mellitus	1	HYMAI	0.530401272
transient neonatal diabetes mellitus	2	LINC00336	0.509798709
transient neonatal diabetes mellitus	3	JAZF1-AS1	0.490456722
transient neonatal diabetes mellitus	4	SERTAD4-AS1	0.48072994
transient neonatal diabetes mellitus	5	TEX41	0.467112862
transient neonatal diabetes mellitus	6	LINC00477	0.463029379
transient neonatal diabetes mellitus	7	LINC01098	0.443307796
transient neonatal diabetes mellitus	8	DSCR9	0.423326933
transient neonatal diabetes mellitus	9	NCAM1-AS1	0.413183067
transient neonatal diabetes mellitus	10	LMCD1-AS1	0.404603616
transient neonatal diabetes mellitus	11	PSMB8-AS1	0.401601775
transient neonatal diabetes mellitus	12	LINC01588	0.399042609
transient neonatal diabetes mellitus	13	HPN-AS1	0.3956366
transient neonatal diabetes mellitus	14	GATA3-AS1	0.392345218
transient neonatal diabetes mellitus	15	LINC01531	0.380571844
transient neonatal diabetes mellitus	16	IL10RB-AS1	0.366038958
transient neonatal diabetes mellitus	17	LINC00942	0.364575059
transient neonatal diabetes mellitus	18	LINC01387	0.361290263
transient neonatal diabetes mellitus	19	LINC00922	0.360808662
transient neonatal diabetes mellitus	20	ATE1-AS1	0.356808662
transient neonatal diabetes mellitus	21	KCTD21-AS1	0.351452616
transient neonatal diabetes mellitus	22	PARD6G-AS1	0.350088082
transient neonatal diabetes mellitus	23	LINC00856	0.341287023
transient neonatal diabetes mellitus	24	NFIA-AS1	0.335842299
transient neonatal diabetes mellitus	25	LINC00032	0.331465015
transient neonatal diabetes mellitus	26	SAMMSON	0.323729456
transient neonatal diabetes mellitus	27	LINC00654	0.321689357
transient neonatal diabetes mellitus	28	LUCAT1	0.320295953
transient neonatal diabetes mellitus	29	PCAT5	0.320295953
transient neonatal diabetes mellitus	30	LINC00963	0.316202748
Feingold syndrome	1	LINC01081	0.835071284
Feingold syndrome	2	HAS2-AS1	0.818703632
Feingold syndrome	3	RAD51-AS1	0.778777662



Feingold syndrome	4	LINC00942	0.61893199
Feingold syndrome	5	LMCD1-AS1	0.545168873
Feingold syndrome	6	LINC00477	0.533487585
Feingold syndrome	7	ADORA2A-AS1	0.423296649
Feingold syndrome	8	LINC01588	0.395524028
Feingold syndrome	9	LINC01387	0.391626229
Feingold syndrome	10	MIR22HG	0.387390226
Feingold syndrome	11	TEX41	0.386624298
Feingold syndrome	12	NFIA-AS1	0.366976714
Feingold syndrome	13	NCAM1-AS1	0.364365248
Feingold syndrome	14	LINC00336	0.34632062
Feingold syndrome	15	IL10RB-AS1	0.32118068
Feingold syndrome	16	DSCR9	0.292225055
Feingold syndrome	17	LINC01098	0.288899876
Feingold syndrome	18	MIR4435-2HG	0.285990849
Feingold syndrome	19	LINC00922	0.285479956
Feingold syndrome	20	GATA3-AS1	0.276523169
Feingold syndrome	21	LINC01531	0.260769853
Feingold syndrome	22	HPN-AS1	0.253648589
Feingold syndrome	23	JAZF1-AS1	0.251612381
Feingold syndrome	24	SERTAD4-AS1	0.250384413
Feingold syndrome	25	LINC00856	0.235972635
Feingold syndrome	26	ATE1-AS1	0.235154396
Feingold syndrome	27	PARD6G-AS1	0.234954322
Feingold syndrome	28	KCTD21-AS1	0.233757084
Feingold syndrome	29	PSMB8-AS1	0.233469735
Feingold syndrome	30	HELLPAR	0.232445426
Miller-Dieker lissencephaly syndrome	1	MEG3	0.890240679
Miller-Dieker lissencephaly syndrome	2	LINC01081	0.784107196
Miller-Dieker lissencephaly syndrome	3	HAS2-AS1	0.742454764
Miller-Dieker lissencephaly syndrome	4	RAD51-AS1	0.684445515
Miller-Dieker lissencephaly syndrome	5	MIR4435-2HG	0.669097627
Miller-Dieker lissencephaly syndrome	6	MIR22HG	0.663278249
Miller-Dieker lissencephaly syndrome	7	ADORA2A-AS1	0.636308524
Miller-Dieker lissencephaly syndrome	8	NFIA-AS1	0.588680693
Miller-Dieker lissencephaly syndrome	9	HELLPAR	0.441384622
Miller-Dieker lissencephaly syndrome	10	ABALON	0.4219713
Miller-Dieker lissencephaly syndrome	11	LINC01387	0.411659908
Miller-Dieker lissencephaly syndrome	12	LINC00336	0.40757074
Miller-Dieker lissencephaly syndrome	13	DSCR9	0.393588641
Miller-Dieker lissencephaly syndrome	14	LINC01588	0.367926997
Miller-Dieker lissencephaly syndrome	15	LINC00477	0.354354774
Miller-Dieker lissencephaly syndrome	16	PARD6G-AS1	0.31977458
Miller-Dieker lissencephaly syndrome	17	LMCD1-AS1	0.312936184
Miller-Dieker lissencephaly syndrome	18	NCAM1-AS1	0.292210165
Miller-Dieker lissencephaly syndrome	19	TEX41	0.282425508
Miller-Dieker lissencephaly syndrome	20	LINC00942	0.250844375

Miller-Dieker lissencephaly syndrome	21	LINC00922	0.241193092
Miller-Dieker lissencephaly syndrome	22	GATA3-AS1	0.223957446
Miller-Dieker lissencephaly syndrome	23	LINC01531	0.192008302
Miller-Dieker lissencephaly syndrome	24	HPN-AS1	0.184056472
Miller-Dieker lissencephaly syndrome	25	JAZF1-AS1	0.182670485
Miller-Dieker lissencephaly syndrome	26	SERTAD4-AS1	0.18134138
Miller-Dieker lissencephaly syndrome	27	ATE1-AS1	0.16926018
Miller-Dieker lissencephaly syndrome	28	LINC01098	0.150325011
Miller-Dieker lissencephaly syndrome	29	IL10RB-AS1	0.145383075
Miller-Dieker lissencephaly syndrome	30	LINC00856	0.145053521
myeloma	1	MIR17HG	0.998636323
myeloma	2	CDKN2B-AS1	0.998548604
myeloma	3	TP73-AS1	0.998491395
myeloma	4	GAS5	0.998483881
myeloma	5	TUG1	0.977555196
myeloma	6	DLEU2	0.972641714
myeloma	7	HOTAIR	0.968884945
myeloma	8	GHRLOS	0.963845584
myeloma	9	LINC00575	0.963487804
myeloma	10	ADORA2A-AS1	0.940708043
myeloma	11	LINC00293	0.918715909
myeloma	12	PWAR5	0.907650831
myeloma	13	RAD51-AS1	0.902407878
myeloma	14	LINC00273	0.901315511
myeloma	15	LINC01081	0.900406407
myeloma	16	FMR1-AS1	0.888742533
myeloma	17	TTY2	0.863556993
myeloma	18	COPG2IT1	0.822663542
myeloma	19	APTR	0.807394925
myeloma	20	HELLPAR	0.747807784
myeloma	21	LINC01587	0.732868655
myeloma	22	XACT	0.727458943
myeloma	23	LINC01235	0.726575787
myeloma	24	LRRC3DN	0.726446014
myeloma	25	LINC00479	0.685586575
myeloma	26	PWRN1	0.646809328
myeloma	27	MIR22HG	0.645995656
myeloma	28	PARTICL	0.644404834
myeloma	29	ABALON	0.619890816
myeloma	30	GPR1-AS	0.563158962
muscular disease	1	LINCMD1	0.726904531
muscular disease	2	LINC01081	0.726819044
muscular disease	3	RAD51-AS1	0.704350817
muscular disease	4	HAS2-AS1	0.641937091
muscular disease	5	LINC00856	0.613186949
muscular disease	6	LINC00336	0.584491059
muscular disease	7	MIR22HG	0.579783091

muscular disease	8	NCAM1-AS1	0.579204237
muscular disease	9	LMCD1-AS1	0.571170332
muscular disease	10	TEX41	0.528417619
muscular disease	11	IL10RB-AS1	0.520883219
muscular disease	12	LINC00922	0.494435364
muscular disease	13	LINC01387	0.458978057
muscular disease	14	ADORA2A-AS1	0.458264846
muscular disease	15	LINC01588	0.457241215
muscular disease	16	NFIA-AS1	0.434628214
muscular disease	17	PARD6G-AS1	0.405100923
muscular disease	18	DSCR9	0.392763994
muscular disease	19	LINC00942	0.389411357
muscular disease	20	LINC00477	0.379470251
muscular disease	21	SERTAD4-AS1	0.378930605
muscular disease	22	MIR4435-2HG	0.37659552
muscular disease	23	JAZF1-AS1	0.374378167
muscular disease	24	GATA3-AS1	0.374093371
muscular disease	25	PSMB8-AS1	0.365751816
muscular disease	26	LINC01531	0.36381115
muscular disease	27	LINC01098	0.362588953
muscular disease	28	HPN-AS1	0.359415081
muscular disease	29	KCTD21-AS1	0.35665561
muscular disease	30	ATE1-AS1	0.326061266
bone disease	1	GAS5	0.992492833
bone disease	2	H19	0.948975508
bone disease	3	HOTAIR	0.934555347
bone disease	4	DANCR	0.923522314
bone disease	5	MIR155HG	0.8953087
bone disease	6	PCAT5	0.880335777
bone disease	7	LUCAT1	0.879133022
bone disease	8	LINC00963	0.838895347
bone disease	9	TUSC8	0.836675435
bone disease	10	CAHM	0.820333893
bone disease	11	NCRUPAR	0.779260795
bone disease	12	BCAR4	0.711019299
bone disease	13	C5orf66-AS2	0.694220014
bone disease	14	LINC-ROR	0.651861427
bone disease	15	LINC-PINT	0.642913364
bone disease	16	TRERNA1	0.640742649
bone disease	17	MIR7-3HG	0.627894266
bone disease	18	HAND2-AS1	0.62327297
bone disease	19	MYCNOS	0.62327297
bone disease	20	CASC15	0.612601946
bone disease	21	MIR99AHG	0.60098083
bone disease	22	DBH-AS1	0.588212281
bone disease	23	EGOT	0.566467272
bone disease	24	PTCSC3	0.563906275

bone disease	25	CYTOR	0.5435046
bone disease	26	HCCAT5	0.534032232
bone disease	27	MIR194-2HG	0.533655408
bone disease	28	LINC00602	0.533591099
bone disease	29	LINC00687	0.531866985
bone disease	30	PTCSC2	0.520515175
bone remodeling disease	1	DANCR	0.670469051
bone remodeling disease	2	LINC01081	0.634188945
bone remodeling disease	3	HAS2-AS1	0.578607806
bone remodeling disease	4	RAD51-AS1	0.541842243
bone remodeling disease	5	LINC01387	0.485732314
bone remodeling disease	6	LINC00336	0.478850533
bone remodeling disease	7	LMCD1-AS1	0.47430695
bone remodeling disease	8	IL10RB-AS1	0.47416628
bone remodeling disease	9	NFIA-AS1	0.459553522
bone remodeling disease	10	ADORA2A-AS1	0.41098281
bone remodeling disease	11	LINC01588	0.389376946
bone remodeling disease	12	LINC00856	0.38701717
bone remodeling disease	13	SERTAD4-AS1	0.372648652
bone remodeling disease	14	JAZF1-AS1	0.351254266
bone remodeling disease	15	DSCR9	0.338936129
bone remodeling disease	16	TEX41	0.331944978
bone remodeling disease	17	LINC00922	0.323185849
bone remodeling disease	18	NCAM1-AS1	0.319441792
bone remodeling disease	19	MIR22HG	0.310629691
bone remodeling disease	20	PARD6G-AS1	0.310571438
bone remodeling disease	21	PSMB8-AS1	0.302019975
bone remodeling disease	22	LINC00942	0.263526189
bone remodeling disease	23	HPN-AS1	0.243072678
bone remodeling disease	24	LINC01531	0.211931811
bone remodeling disease	25	MIR4435-2HG	0.209955216
bone remodeling disease	26	LINC01098	0.204882596
bone remodeling disease	27	ATE1-AS1	0.195121967
bone remodeling disease	28	KCTD21-AS1	0.190787444
bone remodeling disease	29	GATA3-AS1	0.186913297
bone remodeling disease	30	LINC00477	0.182397767
bone resorption disease	1	DANCR	0.762077665
bone resorption disease	2	LINC01081	0.699796628
bone resorption disease	3	RAD51-AS1	0.660851511
bone resorption disease	4	HAS2-AS1	0.60202194
bone resorption disease	5	LMCD1-AS1	0.591815344
bone resorption disease	6	PARD6G-AS1	0.591511232
bone resorption disease	7	IL10RB-AS1	0.581402145
bone resorption disease	8	NFIA-AS1	0.578333282
bone resorption disease	9	ADORA2A-AS1	0.578144299
bone resorption disease	10	LINC01387	0.542685512
bone resorption disease	11	SERTAD4-AS1	0.495469246

bone resorption disease	12	JAZF1-AS1	0.483958087
bone resorption disease	13	LINC01588	0.456129579
bone resorption disease	14	DSCR9	0.433601258
bone resorption disease	15	TEX41	0.39376236
bone resorption disease	16	LINC00922	0.365483828
bone resorption disease	17	MIR22HG	0.336974279
bone resorption disease	18	NCAM1-AS1	0.332505557
bone resorption disease	19	LINC00856	0.324735573
bone resorption disease	20	LINC00336	0.315975276
bone resorption disease	21	LINC00942	0.300952295
bone resorption disease	22	KCTD21-AS1	0.29083727
bone resorption disease	23	MIR4435-2HG	0.267598732
bone resorption disease	24	ATE1-AS1	0.242901471
bone resorption disease	25	LINC01531	0.235249013
bone resorption disease	26	LINC01098	0.215162562
bone resorption disease	27	LINC00477	0.202806703
bone resorption disease	28	GATA3-AS1	0.191127169
bone resorption disease	29	PSMB8-AS1	0.188368751
bone resorption disease	30	HPN-AS1	0.186683342
chromosomal disease	1	MEG3	0.968942475
chromosomal disease	2	XIST	0.932170564
chromosomal disease	3	NRON	0.910458858
chromosomal disease	4	KCNQ1OT1	0.909421963
chromosomal disease	5	HLA-F-AS1	0.903301216
chromosomal disease	6	GHRLOS	0.88532686
chromosomal disease	7	ADORA2A-AS1	0.885210845
chromosomal disease	8	MIR194-2HG	0.877651251
chromosomal disease	9	LINC00687	0.867711874
chromosomal disease	10	LINC00974	0.866814648
chromosomal disease	11	DBH-AS1	0.866740733
chromosomal disease	12	CYTOR	0.852638574
chromosomal disease	13	HCCAT5	0.82501342
chromosomal disease	14	LINC00602	0.816602807
chromosomal disease	15	MIR4435-2HG	0.814323926
chromosomal disease	16	LINC00315	0.809418923
chromosomal disease	17	COL18A1-AS1	0.807792875
chromosomal disease	18	NFIA-AS1	0.798361646
chromosomal disease	19	LUCAT1	0.797796043
chromosomal disease	20	PCAT5	0.791014884
chromosomal disease	21	LINC00963	0.791014884
chromosomal disease	22	C5orf66-AS2	0.770406385
chromosomal disease	23	BCAR4	0.768254974
chromosomal disease	24	MIR22HG	0.757373019
chromosomal disease	25	HAS2-AS1	0.754354774
chromosomal disease	26	MIR7-3HG	0.752927579
chromosomal disease	27	TRERNA1	0.732300011
chromosomal disease	28	LINC00261	0.731380586

chromosomal disease	29	LINC01081	0.72771801
chromosomal disease	30	BLACAT1	0.706424821
physical disorder	1	PVT1	0.907662359
physical disorder	2	H19	0.833007811
physical disorder	3	LINC00687	0.83206652
physical disorder	4	MIR194-2HG	0.82765958
physical disorder	5	LINC00602	0.804643805
physical disorder	6	DBH-AS1	0.732644285
physical disorder	7	HCCAT5	0.652804426
physical disorder	8	CYTOR	0.570864641
physical disorder	9	LINC00974	0.530898967
physical disorder	10	GHRLOS	0.470212667
physical disorder	11	TEX41	0.437290741
physical disorder	12	LMCD1-AS1	0.433245026
physical disorder	13	IL10RB-AS1	0.432806177
physical disorder	14	LINC01387	0.413810503
physical disorder	15	LINC00856	0.398033718
physical disorder	16	SERTAD4-AS1	0.370781448
physical disorder	17	JAZF1-AS1	0.352380438
physical disorder	18	GATA3-AS1	0.348005984
physical disorder	19	LINC01531	0.339838428
physical disorder	20	HPN-AS1	0.332411993
physical disorder	21	LINC00942	0.307280251
physical disorder	22	LINC00477	0.298845804
physical disorder	23	LINC00922	0.291599907
physical disorder	24	LINC01098	0.278315315
physical disorder	25	LINC01588	0.270505875
physical disorder	26	PARD6G-AS1	0.263540162
physical disorder	27	ATE1-AS1	0.253112715
physical disorder	28	LINC00336	0.25028704
physical disorder	29	PSMB8-AS1	0.248522438
physical disorder	30	DSCR9	0.237215283
Albright's hereditary osteodystrophy	1	LINC01081	0.833912744
Albright's hereditary osteodystrophy	2	HAS2-AS1	0.833647656
Albright's hereditary osteodystrophy	3	RAD51-AS1	0.76295197
Albright's hereditary osteodystrophy	4	NCAM1-AS1	0.577113397
Albright's hereditary osteodystrophy	5	SERTAD4-AS1	0.532803424
Albright's hereditary osteodystrophy	6	ADORA2A-AS1	0.525040312
Albright's hereditary osteodystrophy	7	LINC00856	0.405649226
Albright's hereditary osteodystrophy	8	LINC00336	0.402917541
Albright's hereditary osteodystrophy	9	LMCD1-AS1	0.38384776
Albright's hereditary osteodystrophy	10	PARD6G-AS1	0.358560972
Albright's hereditary osteodystrophy	11	JAZF1-AS1	0.343937255
Albright's hereditary osteodystrophy	12	LINC01588	0.322779547
Albright's hereditary osteodystrophy	13	NFIA-AS1	0.312561508
Albright's hereditary osteodystrophy	14	LINC00922	0.308740657
Albright's hereditary osteodystrophy	15	DSCR9	0.283973856

Albright's hereditary osteodystrophy	16	TEX41	0.266902825
Albright's hereditary osteodystrophy	17	IL10RB-AS1	0.264968317
Albright's hereditary osteodystrophy	18	LINC00477	0.261051134
Albright's hereditary osteodystrophy	19	MIR22HG	0.259330932
Albright's hereditary osteodystrophy	20	LINC01098	0.258160909
Albright's hereditary osteodystrophy	21	GATA3-AS1	0.235555067
Albright's hereditary osteodystrophy	22	LINC01531	0.227835642
Albright's hereditary osteodystrophy	23	HPN-AS1	0.216300757
Albright's hereditary osteodystrophy	24	LINC00942	0.206049362
Albright's hereditary osteodystrophy	25	ATE1-AS1	0.205833358
Albright's hereditary osteodystrophy	26	KCTD21-AS1	0.205070519
Albright's hereditary osteodystrophy	27	MIR4435-2HG	0.203979405
Albright's hereditary osteodystrophy	28	PSMB8-AS1	0.203582889
Albright's hereditary osteodystrophy	29	LINC01387	0.200270659
Albright's hereditary osteodystrophy	30	HELLPAR	0.19741538
neural tube defect	1	LINC01081	0.667541295
neural tube defect	2	RAD51-AS1	0.625227327
neural tube defect	3	HAS2-AS1	0.562531436
neural tube defect	4	MIR22HG	0.543496789
neural tube defect	5	NFIA-AS1	0.522558263
neural tube defect	6	ADORA2A-AS1	0.498028097
neural tube defect	7	MIR4435-2HG	0.457106602
neural tube defect	8	HELLPAR	0.430598315
neural tube defect	9	ABALON	0.428583737
neural tube defect	10	ATE1-AS1	0.373248579
neural tube defect	11	GATA3-AS1	0.361391479
neural tube defect	12	JAZF1-AS1	0.351401633
neural tube defect	13	LMCD1-AS1	0.33704165
neural tube defect	14	PARD6G-AS1	0.329232008
neural tube defect	15	IL10RB-AS1	0.304803641
neural tube defect	16	LINC01531	0.300113299
neural tube defect	17	TEX41	0.294777677
neural tube defect	18	HPN-AS1	0.277806111
neural tube defect	19	DSCR9	0.270445417
neural tube defect	20	LINC01588	0.26826024
neural tube defect	21	LINC00477	0.226955868
neural tube defect	22	LINC00942	0.22521995
neural tube defect	23	LINC01098	0.207893868
neural tube defect	24	LINC00336	0.17422122
neural tube defect	25	PSMB8-AS1	0.167520985
neural tube defect	26	SERTAD4-AS1	0.163516756
neural tube defect	27	LINC00922	0.162256635
neural tube defect	28	KCTD21-AS1	0.146668173
neural tube defect	29	LINC01387	0.142179296
neural tube defect	30	LINC00856	0.124122869
intestinal cancer	1	SNHG4	0.993054088
intestinal cancer	2	CASC16	0.992697335

intestinal cancer	3	XIST	0.981057359
intestinal cancer	4	NPSR1-AS1	0.962184251
intestinal cancer	5	CAHM	0.961455714
intestinal cancer	6	TUSC7	0.949952545
intestinal cancer	7	NEAT1	0.930591257
intestinal cancer	8	H19	0.92985644
intestinal cancer	9	GAS5	0.929850878
intestinal cancer	10	HOTAIR	0.926680908
intestinal cancer	11	ZFAS1	0.922393557
intestinal cancer	12	LINC00583	0.908058428
intestinal cancer	13	BANCR	0.905595436
intestinal cancer	14	CRNDE	0.894958307
intestinal cancer	15	AFAP1-AS1	0.886748553
intestinal cancer	16	NCRUPAR	0.886748553
intestinal cancer	17	DANCR	0.883435868
intestinal cancer	18	KCNQ1OT1	0.883072446
intestinal cancer	19	TP53COR1	0.881703932
intestinal cancer	20	CCAT1	0.881633127
intestinal cancer	21	TUG1	0.880978393
intestinal cancer	22	NPTN-IT1	0.880056893
intestinal cancer	23	CCAT2	0.880056893
intestinal cancer	24	HOTTIP	0.872233326
intestinal cancer	25	HOTAIRM1	0.871579103
intestinal cancer	26	CASC2	0.870986099
intestinal cancer	27	CASC8	0.870877612
intestinal cancer	28	DBET	0.869774205
intestinal cancer	29	LINC01587	0.869347615
intestinal cancer	30	MIR181A1HG	0.859368039
prostate cancer	1	KCNQ1OT1	0.998266076
prostate cancer	2	MEG3	0.997886263
prostate cancer	3	H19	0.996892966
prostate cancer	4	PCGEM1	0.993246011
prostate cancer	5	HOTAIR	0.990928225
prostate cancer	6	PCAT5	0.986236914
prostate cancer	7	CDKN2B-AS1	0.985456333
prostate cancer	8	GAS5	0.972218766
prostate cancer	9	IGF2-AS	0.972092548
prostate cancer	10	TUG1	0.963415063
prostate cancer	11	EGOT	0.957720253
prostate cancer	12	PVT1	0.957485673
prostate cancer	13	NEAT1	0.957317489
prostate cancer	14	HOTTIP	0.951877162
prostate cancer	15	PRINS	0.942059684
prostate cancer	16	PCA3	0.933464874
prostate cancer	17	LINC00963	0.933464874
prostate cancer	18	UCA1	0.927542232
prostate cancer	19	DANCR	0.927309065



prostate cancer	20	HULC	0.914149577
prostate cancer	21	CARMN	0.908826047
prostate cancer	22	VLDLR-AS1	0.908496466
prostate cancer	23	LINC01588	0.906231881
prostate cancer	24	LINC00319	0.897601469
prostate cancer	25	DSCR9	0.892494785
prostate cancer	26	TEX41	0.887081252
prostate cancer	27	LINC00479	0.8854365
prostate cancer	28	GHRLOS	0.88387227
prostate cancer	29	LINC01235	0.881659126
prostate cancer	30	LINC00575	0.880968351
prostate carcinoma	1	PCA3	0.800190869
prostate carcinoma	2	MIR137HG	0.726499063
prostate carcinoma	3	DSCR10	0.721348357
prostate carcinoma	4	PSMB8-AS1	0.701804052
prostate carcinoma	5	SERTAD4-AS1	0.536743372
prostate carcinoma	6	IL10RB-AS1	0.512584348
prostate carcinoma	7	JAZF1-AS1	0.458910778
prostate carcinoma	8	LMCD1-AS1	0.438455541
prostate carcinoma	9	NCAM1-AS1	0.424681245
prostate carcinoma	10	LINC00336	0.422851745
prostate carcinoma	11	LINC01588	0.421771149
prostate carcinoma	12	LINC00477	0.416834274
prostate carcinoma	13	PARD6G-AS1	0.405163793
prostate carcinoma	14	LINC01098	0.380005049
prostate carcinoma	15	LINC00856	0.379143598
prostate carcinoma	16	LINC00942	0.376910827
prostate carcinoma	17	DSCR9	0.369241576
prostate carcinoma	18	LINC01531	0.365327884
prostate carcinoma	19	HPN-AS1	0.362347048
prostate carcinoma	20	GATA3-AS1	0.348070376
prostate carcinoma	21	TEX41	0.347116944
prostate carcinoma	22	ATE1-AS1	0.340437548
prostate carcinoma	23	KCTD21-AS1	0.339870884
prostate carcinoma	24	LINC00922	0.32986788
prostate carcinoma	25	LINC01387	0.315730957
prostate carcinoma	26	LOXL1-AS1	0.313351103
prostate carcinoma	27	VLDLR-AS1	0.312481857
prostate carcinoma	28	HAS2-AS1	0.309751161
prostate carcinoma	29	LINC00472	0.309357165
prostate carcinoma	30	OLMALINC	0.298663788
blepharophimosis	1	PISRT1	0.735764596
blepharophimosis	2	LINC01081	0.709914747
blepharophimosis	3	HAS2-AS1	0.703708196
blepharophimosis	4	RAD51-AS1	0.692864434
blepharophimosis	5	LINC00942	0.67939394
blepharophimosis	6	MIR4435-2HG	0.614714424

blepharophimosis	7	DSCR9	0.599893604
blepharophimosis	8	MIR22HG	0.59274998
blepharophimosis	9	TEX41	0.592362221
blepharophimosis	10	ADORA2A-AS1	0.587078935
blepharophimosis	11	JAZF1-AS1	0.583852899
blepharophimosis	12	LINC00922	0.554663431
blepharophimosis	13	NFIA-AS1	0.528690543
blepharophimosis	14	NCAM1-AS1	0.526991527
blepharophimosis	15	LINC00336	0.523054466
blepharophimosis	16	LMCD1-AS1	0.522755038
blepharophimosis	17	LINC00477	0.522749978
blepharophimosis	18	IL10RB-AS1	0.503143547
blepharophimosis	19	PARD6G-AS1	0.447146779
blepharophimosis	20	LINC01588	0.435395756
blepharophimosis	21	GATA3-AS1	0.410737169
blepharophimosis	22	LINC01531	0.381788542
blepharophimosis	23	HPN-AS1	0.380100675
blepharophimosis	24	SERTAD4-AS1	0.339391358
blepharophimosis	25	LINC01387	0.326092901
blepharophimosis	26	LINC01098	0.321415552
blepharophimosis	27	ATE1-AS1	0.308805507
blepharophimosis	28	LINC00856	0.299088587
blepharophimosis	29	KCTD21-AS1	0.299088587
blepharophimosis	30	PSMB8-AS1	0.29378867
chronic leukemia	1	OLMALINC	0.76046718
chronic leukemia	2	MIR137HG	0.65745117
chronic leukemia	3	DSCR10	0.629968538
chronic leukemia	4	PEG3-AS1	0.590131261
chronic leukemia	5	VLDLR-AS1	0.586887337
chronic leukemia	6	MESTIT1	0.529125343
chronic leukemia	7	LINC00319	0.482966198
chronic leukemia	8	TEX41	0.479433584
chronic leukemia	9	LINC00922	0.439188671
chronic leukemia	10	PARD6G-AS1	0.418963587
chronic leukemia	11	LINC01588	0.413382782
chronic leukemia	12	IL10RB-AS1	0.409185102
chronic leukemia	13	LMCD1-AS1	0.405072416
chronic leukemia	14	NCAM1-AS1	0.398076436
chronic leukemia	15	DSCR9	0.379442057
chronic leukemia	16	LINC00856	0.374558851
chronic leukemia	17	LINC00336	0.368192873
chronic leukemia	18	GATA3-AS1	0.351480693
chronic leukemia	19	LINC01531	0.35116933
chronic leukemia	20	HPN-AS1	0.344552296
chronic leukemia	21	KCTD21-AS1	0.337853372
chronic leukemia	22	LINC01387	0.337210021
chronic leukemia	23	ATE1-AS1	0.336077326

chronic leukemia	24	LINC01098	0.334917348
chronic leukemia	25	PSMB8-AS1	0.332465987
chronic leukemia	26	JAZF1-AS1	0.33211984
chronic leukemia	27	LINC00477	0.331525319
chronic leukemia	28	LINC00942	0.331351863
chronic leukemia	29	SERTAD4-AS1	0.323171349
chronic leukemia	30	FBXW7-AS1	0.315262067
lymphoblastic leukemia	1	MIR17HG	0.994326905
lymphoblastic leukemia	2	DLEU2	0.993981555
lymphoblastic leukemia	3	MIR155HG	0.991579126
lymphoblastic leukemia	4	NEAT1	0.989933893
lymphoblastic leukemia	5	CDKN2B-AS1	0.986721938
lymphoblastic leukemia	6	TP53COR1	0.977446884
lymphoblastic leukemia	7	VLDLR-AS1	0.952793124
lymphoblastic leukemia	8	OLMALINC	0.932613417
lymphoblastic leukemia	9	LINC00319	0.907930737
lymphoblastic leukemia	10	PEG3-AS1	0.833972621
lymphoblastic leukemia	11	FBXW7-AS1	0.832885571
lymphoblastic leukemia	12	MHRT	0.811458579
lymphoblastic leukemia	13	LRRC3DN	0.809460223
lymphoblastic leukemia	14	MEG8	0.809402588
lymphoblastic leukemia	15	DBET	0.796076678
lymphoblastic leukemia	16	LINC01235	0.77217379
lymphoblastic leukemia	17	NORAD	0.757396041
lymphoblastic leukemia	18	LINC01081	0.706565051
lymphoblastic leukemia	19	DISC1FP1	0.651850925
lymphoblastic leukemia	20	FAM30A	0.645374275
lymphoblastic leukemia	21	ZNF667-AS1	0.580934086
lymphoblastic leukemia	22	TTY2	0.566826913
lymphoblastic leukemia	23	FMR1-AS1	0.517690317
lymphoblastic leukemia	24	DSCR9	0.4957783
lymphoblastic leukemia	25	LINC00336	0.488025324
lymphoblastic leukemia	26	TEX41	0.448122434
lymphoblastic leukemia	27	LINC00856	0.446309572
lymphoblastic leukemia	28	PSMB8-AS1	0.443058436
lymphoblastic leukemia	29	SERTAD4-AS1	0.429828344
lymphoblastic leukemia	30	PARD6G-AS1	0.426589447
bacterial infectious disease	1	GSTT1-AS1	0.816164674
bacterial infectious disease	2	LINC01081	0.675579925
bacterial infectious disease	3	HAS2-AS1	0.643170192
bacterial infectious disease	4	RAD51-AS1	0.623568705
bacterial infectious disease	5	LINC00477	0.615333474
bacterial infectious disease	6	TEX41	0.602050686
bacterial infectious disease	7	NFIA-AS1	0.583119606
bacterial infectious disease	8	DSCR9	0.578879026
bacterial infectious disease	9	LINC01387	0.523978925
bacterial infectious disease	10	IL10RB-AS1	0.520945095

bacterial infectious disease	11	PARD6G-AS1	0.504712305
bacterial infectious disease	12	LINC00922	0.473673957
bacterial infectious disease	13	LMCD1-AS1	0.465038744
bacterial infectious disease	14	LINC01588	0.405584853
bacterial infectious disease	15	NCAM1-AS1	0.397537459
bacterial infectious disease	16	LINC00942	0.372144703
bacterial infectious disease	17	LINC01098	0.359061633
bacterial infectious disease	18	MIR4435-2HG	0.349679008
bacterial infectious disease	19	LINC00336	0.32764246
bacterial infectious disease	20	PSMB8-AS1	0.318451816
bacterial infectious disease	21	LINC00856	0.313102038
bacterial infectious disease	22	KCTD21-AS1	0.281049564
bacterial infectious disease	23	ATE1-AS1	0.27826669
bacterial infectious disease	24	MIR22HG	0.268771375
bacterial infectious disease	25	ADORA2A-AS1	0.264119501
bacterial infectious disease	26	HPN-AS1	0.252013417
bacterial infectious disease	27	LINC01531	0.245873672
bacterial infectious disease	28	GATA3-AS1	0.238877162
bacterial infectious disease	29	JAZF1-AS1	0.233473858
bacterial infectious disease	30	SERTAD4-AS1	0.224545528
chronic lymphocytic leukemia	1	NEAT1	0.992480462
chronic lymphocytic leukemia	2	DLEU2	0.986462191
chronic lymphocytic leukemia	3	TP53COR1	0.986432801
chronic lymphocytic leukemia	4	FBXW7-AS1	0.983900461
chronic lymphocytic leukemia	5	VLDLR-AS1	0.980525397
chronic lymphocytic leukemia	6	OLMALINC	0.978055868
chronic lymphocytic leukemia	7	LINC00319	0.971397588
chronic lymphocytic leukemia	8	LINC01081	0.968325958
chronic lymphocytic leukemia	9	LINC00477	0.949200027
chronic lymphocytic leukemia	10	LINC00856	0.922287622
chronic lymphocytic leukemia	11	NCAM1-AS1	0.893837088
chronic lymphocytic leukemia	12	LINC00942	0.864456458
chronic lymphocytic leukemia	13	LMCD1-AS1	0.78154475
chronic lymphocytic leukemia	14	IL10RB-AS1	0.764823591
chronic lymphocytic leukemia	15	LINC00336	0.762429791
chronic lymphocytic leukemia	16	PARD6G-AS1	0.760163702
chronic lymphocytic leukemia	17	JAZF1-AS1	0.748028077
chronic lymphocytic leukemia	18	LINC01387	0.743285168
chronic lymphocytic leukemia	19	SERTAD4-AS1	0.725691817
chronic lymphocytic leukemia	20	TEX41	0.667743503
chronic lymphocytic leukemia	21	GATA3-AS1	0.628666935
chronic lymphocytic leukemia	22	LINC01531	0.609301919
chronic lymphocytic leukemia	23	HPN-AS1	0.591262847
chronic lymphocytic leukemia	24	LINC01588	0.531847905
chronic lymphocytic leukemia	25	KCTD21-AS1	0.522037388
chronic lymphocytic leukemia	26	LINC01098	0.491418536
chronic lymphocytic leukemia	27	DSCR9	0.454442956

chronic lymphocytic leukemia	28	ATE1-AS1	0.452645487
chronic lymphocytic leukemia	29	PSMB8-AS1	0.449169024
chronic lymphocytic leukemia	30	LINC00922	0.40137587
stomach cancer	1	GACAT2	0.997444077
stomach cancer	2	TINCR	0.997342455
stomach cancer	3	CCAT1	0.997209367
stomach cancer	4	CDKN2B-AS1	0.991374763
stomach cancer	5	LSINCT5	0.990436223
stomach cancer	6	PVT1	0.98697498
stomach cancer	7	MEG3	0.976424959
stomach cancer	8	UCA1	0.971836783
stomach cancer	9	GHET1	0.964329751
stomach cancer	10	NFIA-AS1	0.953299877
stomach cancer	11	TTTY4	0.948763229
stomach cancer	12	CADM3-AS1	0.934352356
stomach cancer	13	LINC00273	0.934169374
stomach cancer	14	NUP50-AS1	0.923137878
stomach cancer	15	LINC01602	0.914928242
stomach cancer	16	VLDLR-AS1	0.912906908
stomach cancer	17	FAM30A	0.912550074
stomach cancer	18	B3GALT5-AS1	0.893440136
stomach cancer	19	HAS2-AS1	0.883067853
stomach cancer	20	LINC01081	0.873420543
stomach cancer	21	LINC00319	0.865872008
stomach cancer	22	PWAR5	0.85114999
stomach cancer	23	LINC00479	0.846965786
stomach cancer	24	LINC00575	0.84354815
stomach cancer	25	LINC00315	0.839287877
stomach cancer	26	PWRN1	0.836252208
stomach cancer	27	DBET	0.828796363
stomach cancer	28	DISC1FP1	0.826936008
stomach cancer	29	GHRLOS	0.822654341
stomach cancer	30	MIR22HG	0.820193422
retinitis pigmentosa	1	LINC01628	0.754181626
retinitis pigmentosa	2	ERICH1-AS1	0.754050956
retinitis pigmentosa	3	NALT1	0.70744898
retinitis pigmentosa	4	NCRUPAR	0.707175411
retinitis pigmentosa	5	CAHM	0.700949749
retinitis pigmentosa	6	TRERNA1	0.690720495
retinitis pigmentosa	7	MIR7-3HG	0.687564164
retinitis pigmentosa	8	LINC-ROR	0.669418555
retinitis pigmentosa	9	PTCSC3	0.646528681
retinitis pigmentosa	10	EGOT	0.62878114
retinitis pigmentosa	11	PTCSC2	0.626378002
retinitis pigmentosa	12	MIR99AHG	0.624052921
retinitis pigmentosa	13	LINC00467	0.62239364
retinitis pigmentosa	14	NPSR1-AS1	0.611785322

retinitis pigmentosa	15	ADORA2A-AS1	0.606212479
retinitis pigmentosa	16	MIR4435-2HG	0.602980731
retinitis pigmentosa	17	LUCAT1	0.580055661
retinitis pigmentosa	18	PCAT5	0.576583264
retinitis pigmentosa	19	LINC00963	0.569264652
retinitis pigmentosa	20	COL18A1-AS1	0.502039128
retinitis pigmentosa	21	GHRLOS	0.500345537
retinitis pigmentosa	22	CASC15	0.499518655
retinitis pigmentosa	23	MYCNOS	0.490654137
retinitis pigmentosa	24	HAND2-AS1	0.477129283
retinitis pigmentosa	25	LINC00602	0.472891722
retinitis pigmentosa	26	LINC00687	0.47110474
retinitis pigmentosa	27	DBH-AS1	0.464801227
retinitis pigmentosa	28	MIR194-2HG	0.447937101
retinitis pigmentosa	29	CYTOR	0.44061574
retinitis pigmentosa	30	HCCAT5	0.431648394
intellectual disability	1	LINC00299	0.649234487
intellectual disability	2	LINC01081	0.645452088
intellectual disability	3	RAD51-AS1	0.635387049
intellectual disability	4	HAS2-AS1	0.599017251
intellectual disability	5	ADORA2A-AS1	0.584452934
intellectual disability	6	MIR4435-2HG	0.582241625
intellectual disability	7	NFIA-AS1	0.565235862
intellectual disability	8	HELLPAR	0.560545552
intellectual disability	9	ABALON	0.54554091
intellectual disability	10	LMCD1-AS1	0.524841461
intellectual disability	11	LINC00856	0.512441593
intellectual disability	12	DSCR9	0.50858033
intellectual disability	13	IL10RB-AS1	0.500056815
intellectual disability	14	NCAM1-AS1	0.494793021
intellectual disability	15	SERTAD4-AS1	0.471400642
intellectual disability	16	LINC00336	0.469416194
intellectual disability	17	JAZF1-AS1	0.45749312
intellectual disability	18	PARD6G-AS1	0.455713503
intellectual disability	19	LINC01588	0.452068102
intellectual disability	20	TEX41	0.439077643
intellectual disability	21	KCTD21-AS1	0.417970912
intellectual disability	22	GATA3-AS1	0.417970912
intellectual disability	23	LINC01531	0.407195679
intellectual disability	24	HPN-AS1	0.4066608
intellectual disability	25	LINC00942	0.381134283
intellectual disability	26	ATE1-AS1	0.37833152
intellectual disability	27	LINC00477	0.360410638
intellectual disability	28	LINC01387	0.357189479
intellectual disability	29	LINC01098	0.341552831
intellectual disability	30	LINC00922	0.339634258
pre-eclampsia	1	H19	0.971883359

pre-eclampsia	2	MALAT1	0.910997645
pre-eclampsia	3	LINC01081	0.894493041
pre-eclampsia	4	HAS2-AS1	0.884422112
pre-eclampsia	5	RAD51-AS1	0.795613701
pre-eclampsia	6	LINC01387	0.724746372
pre-eclampsia	7	LINC00336	0.712294334
pre-eclampsia	8	MIR22HG	0.708325801
pre-eclampsia	9	NFIA-AS1	0.615291267
pre-eclampsia	10	LINC00856	0.611746276
pre-eclampsia	11	PARD6G-AS1	0.590698951
pre-eclampsia	12	IL10RB-AS1	0.560317871
pre-eclampsia	13	LMCD1-AS1	0.509067843
pre-eclampsia	14	DSCR9	0.48966292
pre-eclampsia	15	LINC00922	0.472314597
pre-eclampsia	16	LINC01588	0.467412805
pre-eclampsia	17	NCAM1-AS1	0.42336552
pre-eclampsia	18	SERTAD4-AS1	0.385278406
pre-eclampsia	19	ADORA2A-AS1	0.364302819
pre-eclampsia	20	TEX41	0.354455098
pre-eclampsia	21	JAZF1-AS1	0.343305765
pre-eclampsia	22	KCTD21-AS1	0.334799595
pre-eclampsia	23	LINC00477	0.288303067
pre-eclampsia	24	PSMB8-AS1	0.281889259
pre-eclampsia	25	LINC00942	0.279308397
pre-eclampsia	26	GATA3-AS1	0.275935771
pre-eclampsia	27	LINC01531	0.254300947
pre-eclampsia	28	HPN-AS1	0.246674076
pre-eclampsia	29	LINC01098	0.244310008
pre-eclampsia	30	MIR4435-2HG	0.244131729
Alzheimer's disease	1	LINC01080	0.962184886
Alzheimer's disease	2	ATXN8OS	0.896136887
Alzheimer's disease	3	CDKN2B-AS1	0.887318329
Alzheimer's disease	4	CDKN2A-AS1	0.869359711
Alzheimer's disease	5	BCYRN1	0.865041974
Alzheimer's disease	6	SOX2-OT	0.863841396
Alzheimer's disease	7	LINC00293	0.862637961
Alzheimer's disease	8	ADORA2A-AS1	0.859048434
Alzheimer's disease	9	NFIA-AS1	0.849752478
Alzheimer's disease	10	COL18A1-AS1	0.84250613
Alzheimer's disease	11	LINC-PINT	0.824825452
Alzheimer's disease	12	LUCAT1	0.821563303
Alzheimer's disease	13	LINC00963	0.806174851
Alzheimer's disease	14	PCAT5	0.800393391
Alzheimer's disease	15	MIR7-3HG	0.799457392
Alzheimer's disease	16	TRERNA1	0.79032619
Alzheimer's disease	17	C5orf66-AS2	0.754052589
Alzheimer's disease	18	BCAR4	0.751826863

Alzheimer's disease	19	XACT	0.744927121
Alzheimer's disease	20	RAD51-AS1	0.741312385
Alzheimer's disease	21	HAS2-AS1	0.741312385
Alzheimer's disease	22	LINC01081	0.73799486
Alzheimer's disease	23	PARTICL	0.704847913
Alzheimer's disease	24	PWAR5	0.693119045
Alzheimer's disease	25	LINC00261	0.680720277
Alzheimer's disease	26	BLACAT1	0.672430946
Alzheimer's disease	27	TDRG1	0.66885717
Alzheimer's disease	28	SERTAD4-AS1	0.66199279
Alzheimer's disease	29	LINC01387	0.660706992
Alzheimer's disease	30	JAZF1-AS1	0.645592094
open-angle glaucoma	1	CDKN2B-AS1	0.903032877
open-angle glaucoma	2	LINC01081	0.841001251
open-angle glaucoma	3	HAS2-AS1	0.752697771
open-angle glaucoma	4	RAD51-AS1	0.727328476
open-angle glaucoma	5	JAZF1-AS1	0.675037069
open-angle glaucoma	6	SERTAD4-AS1	0.670433482
open-angle glaucoma	7	LINC00856	0.59228206
open-angle glaucoma	8	MIR22HG	0.561757573
open-angle glaucoma	9	ADORA2A-AS1	0.549439336
open-angle glaucoma	10	LINC00922	0.50569317
open-angle glaucoma	11	LINC01387	0.498669959
open-angle glaucoma	12	NFIA-AS1	0.493575229
open-angle glaucoma	13	TEX41	0.489446928
open-angle glaucoma	14	PARD6G-AS1	0.488265548
open-angle glaucoma	15	DSCR9	0.475469038
open-angle glaucoma	16	LMCD1-AS1	0.456357834
open-angle glaucoma	17	LINC01588	0.413865461
open-angle glaucoma	18	NCAM1-AS1	0.401061642
open-angle glaucoma	19	LINC00336	0.385084454
open-angle glaucoma	20	IL10RB-AS1	0.342581729
open-angle glaucoma	21	LINC00942	0.326450713
open-angle glaucoma	22	HPN-AS1	0.302478414
open-angle glaucoma	23	PSMB8-AS1	0.299811168
open-angle glaucoma	24	GATA3-AS1	0.282601973
open-angle glaucoma	25	MIR4435-2HG	0.281710093
open-angle glaucoma	26	ATE1-AS1	0.272836564
open-angle glaucoma	27	LINC01098	0.272836564
open-angle glaucoma	28	LINC01531	0.251899483
open-angle glaucoma	29	LINC00477	0.247198139
open-angle glaucoma	30	KCTD21-AS1	0.231582415
primary open angle glaucoma	1	CDKN2B-AS1	0.862113229
primary open angle glaucoma	2	LINC01081	0.781927757
primary open angle glaucoma	3	RAD51-AS1	0.681999884
primary open angle glaucoma	4	HAS2-AS1	0.645235046
primary open angle glaucoma	5	LINC00922	0.631468662



primary open angle glaucoma	6	LMCD1-AS1	0.618470271
primary open angle glaucoma	7	IL10RB-AS1	0.538792467
primary open angle glaucoma	8	DSCR9	0.532651486
primary open angle glaucoma	9	PARD6G-AS1	0.480242636
primary open angle glaucoma	10	TEX41	0.46497676
primary open angle glaucoma	11	ADORA2A-AS1	0.456064431
primary open angle glaucoma	12	LINC01387	0.45528888
primary open angle glaucoma	13	LINC00856	0.439190115
primary open angle glaucoma	14	SERTAD4-AS1	0.428197308
primary open angle glaucoma	15	JAZF1-AS1	0.420505437
primary open angle glaucoma	16	LINC00336	0.410714932
primary open angle glaucoma	17	MIR22HG	0.36549179
primary open angle glaucoma	18	LINC01588	0.365012551
primary open angle glaucoma	19	NCAM1-AS1	0.346753734
primary open angle glaucoma	20	NFIA-AS1	0.311089188
primary open angle glaucoma	21	LINC00942	0.292201456
primary open angle glaucoma	22	PSMB8-AS1	0.28831331
primary open angle glaucoma	23	KCTD21-AS1	0.269730058
primary open angle glaucoma	24	ATE1-AS1	0.268469795
primary open angle glaucoma	25	LINC00477	0.23475656
primary open angle glaucoma	26	LINC01098	0.233579452
primary open angle glaucoma	27	MIR4435-2HG	0.233579452
primary open angle glaucoma	28	LINC01531	0.232553185
primary open angle glaucoma	29	GATA3-AS1	0.216165133
primary open angle glaucoma	30	HPN-AS1	0.207675549
kidney failure	1	LINCMD1	0.923161121
kidney failure	2	PVT1	0.855393334
kidney failure	3	LINC01081	0.854295217
kidney failure	4	RAD51-AS1	0.848005657
kidney failure	5	HAS2-AS1	0.800151254
kidney failure	6	NCAM1-AS1	0.76956986
kidney failure	7	LMCD1-AS1	0.713221196
kidney failure	8	PARD6G-AS1	0.695633291
kidney failure	9	IL10RB-AS1	0.648115141
kidney failure	10	LINC01588	0.563546558
kidney failure	11	NFIA-AS1	0.552024175
kidney failure	12	LINC00942	0.526244494
kidney failure	13	ADORA2A-AS1	0.525851166
kidney failure	14	LINC00856	0.524643993
kidney failure	15	SERTAD4-AS1	0.459607853
kidney failure	16	JAZF1-AS1	0.442517803
kidney failure	17	LINC00922	0.403367345
kidney failure	18	MIR22HG	0.385853313
kidney failure	19	LINC00336	0.37687581
kidney failure	20	TEX41	0.343596707
kidney failure	21	LINC01387	0.337486768
kidney failure	22	DSCR9	0.320053966

kidney failure	23	KCTD21-AS1	0.305794196
kidney failure	24	ATE1-AS1	0.284464695
kidney failure	25	MIR4435-2HG	0.237741869
kidney failure	26	LINC01531	0.233293099
kidney failure	27	LINC01098	0.227454645
kidney failure	28	HPN-AS1	0.218456164
kidney failure	29	LINC00477	0.21816183
kidney failure	30	PSMB8-AS1	0.217466174
hypertension	1	H19	0.958592792
hypertension	2	LINC01081	0.877497163
hypertension	3	HAS2-AS1	0.866583569
hypertension	4	RAD51-AS1	0.810123042
hypertension	5	LINC00336	0.774845634
hypertension	6	LMCD1-AS1	0.753243432
hypertension	7	NFIA-AS1	0.74876103
hypertension	8	LINC01387	0.735964688
hypertension	9	NCAM1-AS1	0.717186875
hypertension	10	ADORA2A-AS1	0.706846032
hypertension	11	LINC00856	0.692224673
hypertension	12	SERTAD4-AS1	0.619893219
hypertension	13	JAZF1-AS1	0.600861897
hypertension	14	LINC01588	0.582152938
hypertension	15	IL10RB-AS1	0.571657524
hypertension	16	LINC01098	0.569613418
hypertension	17	LINC00477	0.55526189
hypertension	18	DSCR9	0.490453444
hypertension	19	GATA3-AS1	0.479888849
hypertension	20	LINC01531	0.44977165
hypertension	21	HPN-AS1	0.44499069
hypertension	22	MIR22HG	0.424574499
hypertension	23	MIR4435-2HG	0.383142667
hypertension	24	ATE1-AS1	0.381604901
hypertension	25	KCTD21-AS1	0.380667181
hypertension	26	PARD6G-AS1	0.350234745
hypertension	27	LINC00942	0.334306149
hypertension	28	PSMB8-AS1	0.333666174
hypertension	29	LINC00922	0.312874151
hypertension	30	TEX41	0.312242954
tooth disease	1	CDKN2B-AS1	0.917073162
tooth disease	2	LINC01081	0.761993524
tooth disease	3	RAD51-AS1	0.758287016
tooth disease	4	HAS2-AS1	0.69498542
tooth disease	5	LINC01387	0.665795632
tooth disease	6	NCAM1-AS1	0.662412096
tooth disease	7	LINC00922	0.651219402
tooth disease	8	DSCR9	0.645346947
tooth disease	9	LMCD1-AS1	0.49728306

tooth disease	10	NFIA-AS1	0.485636903
tooth disease	11	LINC01588	0.467459754
tooth disease	12	ADORA2A-AS1	0.433713399
tooth disease	13	IL10RB-AS1	0.385632479
tooth disease	14	LINC00856	0.300578533
tooth disease	15	LINC00477	0.287544888
tooth disease	16	PARD6G-AS1	0.251817891
tooth disease	17	MIR4435-2HG	0.244806008
tooth disease	18	TEX41	0.231296241
tooth disease	19	ATE1-AS1	0.227685783
tooth disease	20	GATA3-AS1	0.222558278
tooth disease	21	LINC01531	0.218598086
tooth disease	22	HPN-AS1	0.218136588
tooth disease	23	LINC00942	0.20308648
tooth disease	24	LINC01098	0.188913213
tooth disease	25	JAZF1-AS1	0.179141286
tooth disease	26	KCTD21-AS1	0.174272794
tooth disease	27	SERTAD4-AS1	0.17336287
tooth disease	28	LINC00336	0.173225874
tooth disease	29	PSMB8-AS1	0.165699195
tooth disease	30	MIR22HG	0.162241684
intracranial aneurysm	1	CDKN2B-AS1	0.630395547
intracranial aneurysm	2	ESRG	0.629453582
intracranial aneurysm	3	LINC01081	0.606595037
intracranial aneurysm	4	HAS2-AS1	0.588999041
intracranial aneurysm	5	RAD51-AS1	0.561839596
intracranial aneurysm	6	DSCR9	0.55465788
intracranial aneurysm	7	LINC01588	0.538795887
intracranial aneurysm	8	JAZF1-AS1	0.52317916
intracranial aneurysm	9	NCAM1-AS1	0.515585348
intracranial aneurysm	10	LINC00856	0.515370138
intracranial aneurysm	11	ADORA2A-AS1	0.503557533
intracranial aneurysm	12	LMCD1-AS1	0.486772547
intracranial aneurysm	13	IL10RB-AS1	0.45347389
intracranial aneurysm	14	PARD6G-AS1	0.425463839
intracranial aneurysm	15	LINC01387	0.388652406
intracranial aneurysm	16	SERTAD4-AS1	0.385998535
intracranial aneurysm	17	LINC00477	0.376119158
intracranial aneurysm	18	LINC00922	0.374012016
intracranial aneurysm	19	MIR4435-2HG	0.369056103
intracranial aneurysm	20	GATA3-AS1	0.332475295
intracranial aneurysm	21	LINC01531	0.290286145
intracranial aneurysm	22	HPN-AS1	0.28269989
intracranial aneurysm	23	LINC00336	0.255530881
intracranial aneurysm	24	LINC00942	0.255530881
intracranial aneurysm	25	ATE1-AS1	0.241762381
intracranial aneurysm	26	KCTD21-AS1	0.236654529

intracranial aneurysm	27	LINC01098	0.233453949
intracranial aneurysm	28	NFIA-AS1	0.223788087
intracranial aneurysm	29	PSMB8-AS1	0.220409073
intracranial aneurysm	30	MIR22HG	0.205247283
nephritis	1	XIST	0.647983826
nephritis	2	LINC01081	0.64277493
nephritis	3	RAD51-AS1	0.641004136
nephritis	4	HAS2-AS1	0.571609085
nephritis	5	LINC00942	0.570726856
nephritis	6	NCAM1-AS1	0.522733454
nephritis	7	PARD6G-AS1	0.497307863
nephritis	8	LMCD1-AS1	0.493512295
nephritis	9	NFIA-AS1	0.477783928
nephritis	10	TEX41	0.445184411
nephritis	11	IL10RB-AS1	0.434928324
nephritis	12	LINC00336	0.414746959
nephritis	13	LINC01588	0.372592711
nephritis	14	LINC01387	0.363569263
nephritis	15	ADORA2A-AS1	0.332549813
nephritis	16	JAZF1-AS1	0.302549555
nephritis	17	LINC00856	0.259107522
nephritis	18	LINC00922	0.256788195
nephritis	19	DSCR9	0.254033899
nephritis	20	SERTAD4-AS1	0.252880393
nephritis	21	KCTD21-AS1	0.24955806
nephritis	22	GATA3-AS1	0.248787376
nephritis	23	LINC01531	0.235373321
nephritis	24	MIR22HG	0.233427733
nephritis	25	HPN-AS1	0.221666702
nephritis	26	MIR4435-2HG	0.193643544
nephritis	27	ATE1-AS1	0.19192052
nephritis	28	LINC00477	0.176219343
nephritis	29	LINC01098	0.170927872
nephritis	30	PSMB8-AS1	0.157522932
membranous glomerulonephritis	1	XIST	0.898714192
membranous glomerulonephritis	2	LINC01081	0.872102581
membranous glomerulonephritis	3	RAD51-AS1	0.8418384
membranous glomerulonephritis	4	HAS2-AS1	0.769386535
membranous glomerulonephritis	5	TEX41	0.726969693
membranous glomerulonephritis	6	LINC01588	0.717238215
membranous glomerulonephritis	7	LINC00922	0.697813263
membranous glomerulonephritis	8	ADORA2A-AS1	0.644968754
membranous glomerulonephritis	9	LMCD1-AS1	0.559751466
membranous glomerulonephritis	10	PARD6G-AS1	0.52845266
membranous glomerulonephritis	11	LINC00477	0.522713265
membranous glomerulonephritis	12	MIR4435-2HG	0.516113064
membranous glomerulonephritis	13	LINC01098	0.511239085

membranous glomerulonephritis	14	MIR22HG	0.497492788
membranous glomerulonephritis	15	NCAM1-AS1	0.454700148
membranous glomerulonephritis	16	LINC01387	0.451739767
membranous glomerulonephritis	17	JAZF1-AS1	0.366963019
membranous glomerulonephritis	18	PSMB8-AS1	0.358164605
membranous glomerulonephritis	19	NFIA-AS1	0.345472379
membranous glomerulonephritis	20	SERTAD4-AS1	0.3370987
membranous glomerulonephritis	21	KCTD21-AS1	0.301355751
membranous glomerulonephritis	22	LINC00942	0.287427202
membranous glomerulonephritis	23	ATE1-AS1	0.280319288
membranous glomerulonephritis	24	LINC00856	0.263558223
membranous glomerulonephritis	25	LINC00336	0.237015811
membranous glomerulonephritis	26	HPN-AS1	0.218344379
membranous glomerulonephritis	27	LINC01531	0.213449366
membranous glomerulonephritis	28	GATA3-AS1	0.200556582
membranous glomerulonephritis	29	IL10RB-AS1	0.162027034
membranous glomerulonephritis	30	DSCR9	0.160433982
ovarian disease	1	H19	0.908408992
ovarian disease	2	LINC01081	0.877675313
ovarian disease	3	RAD51-AS1	0.872334331
ovarian disease	4	HAS2-AS1	0.749648158
ovarian disease	5	LINC01387	0.746278479
ovarian disease	6	DSCR9	0.734946898
ovarian disease	7	LINC00477	0.700532289
ovarian disease	8	LINC01588	0.57201511
ovarian disease	9	JAZF1-AS1	0.503089526
ovarian disease	10	SERTAD4-AS1	0.465866441
ovarian disease	11	LINC00336	0.453875608
ovarian disease	12	LINC00856	0.424265211
ovarian disease	13	NCAM1-AS1	0.3962548
ovarian disease	14	ADORA2A-AS1	0.320226372
ovarian disease	15	PARD6G-AS1	0.319194054
ovarian disease	16	LMCD1-AS1	0.310963291
ovarian disease	17	NFIA-AS1	0.30852969
ovarian disease	18	LINC00922	0.303955741
ovarian disease	19	MIR4435-2HG	0.272426119
ovarian disease	20	TEX41	0.256686117
ovarian disease	21	LINC01098	0.207828495
ovarian disease	22	GATA3-AS1	0.198314012
ovarian disease	23	LINC01531	0.187530706
ovarian disease	24	HPN-AS1	0.186280476
ovarian disease	25	ATE1-AS1	0.183449308
ovarian disease	26	KCTD21-AS1	0.163262657
ovarian disease	27	LINC00942	0.155733871
ovarian disease	28	IL10RB-AS1	0.15103299
ovarian disease	29	PSMB8-AS1	0.13754823
ovarian disease	30	MIR22HG	0.133575076

urinary bladder cancer	1	CDKN2B-AS1	0.949322631
urinary bladder cancer	2	HOTAIR	0.939687814
urinary bladder cancer	3	TUG1	0.894331565
urinary bladder cancer	4	MEG3	0.880232276
urinary bladder cancer	5	GHET1	0.875087387
urinary bladder cancer	6	PCAT1	0.845785678
urinary bladder cancer	7	MALAT1	0.835867289
urinary bladder cancer	8	H19	0.824869424
urinary bladder cancer	9	GAS5	0.771791797
urinary bladder cancer	10	PVT1	0.762599516
urinary bladder cancer	11	LINC00273	0.733649965
urinary bladder cancer	12	HAS2-AS1	0.729463755
urinary bladder cancer	13	LINC01602	0.720077105
urinary bladder cancer	14	NFIA-AS1	0.694420236
urinary bladder cancer	15	RAD51-AS1	0.684292794
urinary bladder cancer	16	MIR22HG	0.66479765
urinary bladder cancer	17	OLMALINC	0.655161573
urinary bladder cancer	18	FAM30A	0.628033285
urinary bladder cancer	19	FALEC	0.618434264
urinary bladder cancer	20	TTY4	0.604128947
urinary bladder cancer	21	CARMN	0.554147115
urinary bladder cancer	22	LINC00319	0.546579737
urinary bladder cancer	23	PWAR5	0.530386596
urinary bladder cancer	24	DBET	0.530255542
urinary bladder cancer	25	DISC1FP1	0.518445789
urinary bladder cancer	26	LINC00479	0.491923222
urinary bladder cancer	27	LINC00575	0.48136567
urinary bladder cancer	28	VLDLR-AS1	0.479281364
urinary bladder cancer	29	LINC01235	0.47602394
urinary bladder cancer	30	LINC00315	0.452618904
esophageal carcinoma	1	SOX2-OT	0.997114207
esophageal carcinoma	2	SPRY4-IT1	0.995906796
esophageal carcinoma	3	CDKN2B-AS1	0.993850101
esophageal carcinoma	4	HNF1A-AS1	0.983155632
esophageal carcinoma	5	HAS2-AS1	0.974111428
esophageal carcinoma	6	ADORA2A-AS1	0.954848117
esophageal carcinoma	7	MIR22HG	0.916646435
esophageal carcinoma	8	LINC00315	0.902768263
esophageal carcinoma	9	ABALON	0.901570111
esophageal carcinoma	10	GHRLOS	0.893517639
esophageal carcinoma	11	NFIA-AS1	0.883514187
esophageal carcinoma	12	NBR2	0.87706573
esophageal carcinoma	13	LINC00336	0.875434512
esophageal carcinoma	14	LINC01387	0.846431455
esophageal carcinoma	15	JAZF1-AS1	0.846050055
esophageal carcinoma	16	LMCD1-AS1	0.821076959
esophageal carcinoma	17	LINC00942	0.815360546

esophageal carcinoma	18	LINC00477	0.791383759
esophageal carcinoma	19	LINC01098	0.783356834
esophageal carcinoma	20	NCAM1-AS1	0.778553597
esophageal carcinoma	21	GATA3-AS1	0.763365501
esophageal carcinoma	22	LINC01531	0.737156472
esophageal carcinoma	23	HPN-AS1	0.710285639
esophageal carcinoma	24	SERTAD4-AS1	0.701129971
esophageal carcinoma	25	LINC01588	0.652197376
esophageal carcinoma	26	LINC00922	0.649555548
esophageal carcinoma	27	KCTD21-AS1	0.628405365
esophageal carcinoma	28	DSCR9	0.551502335
esophageal carcinoma	29	PSMB8-AS1	0.492182299
esophageal carcinoma	30	TEX41	0.453733977
sarcoma	1	HOTAIR	0.973631433
sarcoma	2	EWSAT1	0.939067943
sarcoma	3	VLDLR-AS1	0.93640594
sarcoma	4	OLMALINC	0.894960952
sarcoma	5	MHRT	0.836718008
sarcoma	6	LINC00319	0.780067265
sarcoma	7	FBXW7-AS1	0.772076707
sarcoma	8	PEG3-AS1	0.763313947
sarcoma	9	MIR137HG	0.740150393
sarcoma	10	DSCR10	0.65366939
sarcoma	11	MEG8	0.52783288
sarcoma	12	MIR4435-2HG	0.470231911
sarcoma	13	NBR2	0.465200516
sarcoma	14	APTR	0.449088194
sarcoma	15	NFIA-AS1	0.440251858
sarcoma	16	LINC00856	0.428539798
sarcoma	17	JAZF1-AS1	0.418244433
sarcoma	18	PARD6G-AS1	0.412234988
sarcoma	19	LINC00922	0.388710025
sarcoma	20	LMCD1-AS1	0.374081872
sarcoma	21	IL10RB-AS1	0.366932935
sarcoma	22	SERTAD4-AS1	0.360266063
sarcoma	23	NCAM1-AS1	0.359342445
sarcoma	24	LINC00477	0.356507283
sarcoma	25	DSCR9	0.33644634
sarcoma	26	GATA3-AS1	0.329726479
sarcoma	27	LINC01531	0.329629521
sarcoma	28	HPN-AS1	0.327880801
sarcoma	29	LINC01588	0.309304818
sarcoma	30	KCTD21-AS1	0.289392787
heart disease	1	LINC01098	0.814724334
heart disease	2	IL10RB-AS1	0.797493237
heart disease	3	SERTAD4-AS1	0.739626408
heart disease	4	NCAM1-AS1	0.698141708

heart disease	5	ADORA2A-AS1	0.668235004
heart disease	6	JAZF1-AS1	0.666273158
heart disease	7	PARD6G-AS1	0.662607974
heart disease	8	LINC01588	0.661840561
heart disease	9	LINC00922	0.660786546
heart disease	10	LINC00942	0.638976183
heart disease	11	LINC00477	0.586181364
heart disease	12	LINC00856	0.583451268
heart disease	13	MIR4435-2HG	0.555725011
heart disease	14	LINC01387	0.547183369
heart disease	15	LMCD1-AS1	0.545939626
heart disease	16	MIR22HG	0.52849108
heart disease	17	NFIA-AS1	0.524220215
heart disease	18	PSMB8-AS1	0.509582133
heart disease	19	GATA3-AS1	0.485056747
heart disease	20	LINC01531	0.472439923
heart disease	21	KCTD21-AS1	0.444407642
heart disease	22	HPN-AS1	0.4311107
heart disease	23	ATE1-AS1	0.410624201
heart disease	24	DSCR9	0.387128564
heart disease	25	LINC00336	0.387033811
heart disease	26	TEX41	0.375467363
heart disease	27	ABALON	0.370499011
heart disease	28	APTR	0.359837192
heart disease	29	FAM83H-AS1	0.355928336
heart disease	30	CDR1-AS	0.3412116
endometriosis of ovary	1	LINCMD1	0.609405697
endometriosis of ovary	2	LINC01081	0.53637285
endometriosis of ovary	3	HAS2-AS1	0.475307796
endometriosis of ovary	4	RAD51-AS1	0.449287943
endometriosis of ovary	5	SERTAD4-AS1	0.446344911
endometriosis of ovary	6	TEX41	0.442510406
endometriosis of ovary	7	LINC00856	0.440534711
endometriosis of ovary	8	ADORA2A-AS1	0.407000853
endometriosis of ovary	9	LINC00922	0.397895412
endometriosis of ovary	10	NCAM1-AS1	0.377684834
endometriosis of ovary	11	LINC01387	0.370724864
endometriosis of ovary	12	LINC01588	0.36120505
endometriosis of ovary	13	NFIA-AS1	0.346941345
endometriosis of ovary	14	IL10RB-AS1	0.329189154
endometriosis of ovary	15	PARD6G-AS1	0.326100503
endometriosis of ovary	16	LMCD1-AS1	0.322196952
endometriosis of ovary	17	MIR22HG	0.313454809
endometriosis of ovary	18	JAZF1-AS1	0.277618629
endometriosis of ovary	19	LINC00942	0.271275961
endometriosis of ovary	20	DSCR9	0.269579625
endometriosis of ovary	21	LINC00336	0.239388473



endometriosis of ovary	22	ATE1-AS1	0.233815624
endometriosis of ovary	23	GATA3-AS1	0.232462477
endometriosis of ovary	24	LINC00477	0.219251571
endometriosis of ovary	25	LINC01531	0.215439223
endometriosis of ovary	26	PSMB8-AS1	0.213207745
endometriosis of ovary	27	KCTD21-AS1	0.212284573
endometriosis of ovary	28	LINC01098	0.200380292
endometriosis of ovary	29	HPN-AS1	0.188610352
endometriosis of ovary	30	MIR4435-2HG	0.18602282
osteoporosis	1	LINC01081	0.831113676
osteoporosis	2	HAS2-AS1	0.751281071
osteoporosis	3	RAD51-AS1	0.672944818
osteoporosis	4	LINC00477	0.630860004
osteoporosis	5	SERTAD4-AS1	0.598853481
osteoporosis	6	LINC00336	0.587558378
osteoporosis	7	JAZF1-AS1	0.560890959
osteoporosis	8	PARD6G-AS1	0.557327951
osteoporosis	9	NCAM1-AS1	0.556166823
osteoporosis	10	NFIA-AS1	0.534856668
osteoporosis	11	MIR22HG	0.507870028
osteoporosis	12	TEX41	0.500095706
osteoporosis	13	ADORA2A-AS1	0.483276158
osteoporosis	14	DSCR9	0.448922446
osteoporosis	15	LINC01098	0.420220301
osteoporosis	16	LMCD1-AS1	0.412905102
osteoporosis	17	IL10RB-AS1	0.391706823
osteoporosis	18	MIR4435-2HG	0.347909715
osteoporosis	19	LINC01387	0.313076419
osteoporosis	20	PSMB8-AS1	0.312589015
osteoporosis	21	KCTD21-AS1	0.286622267
osteoporosis	22	ATE1-AS1	0.28183546
osteoporosis	23	LINC00922	0.28011987
osteoporosis	24	LINC00856	0.279135308
osteoporosis	25	LINC00942	0.270238172
osteoporosis	26	HPN-AS1	0.245350514
osteoporosis	27	LINC01531	0.24498614
osteoporosis	28	GATA3-AS1	0.242011896
osteoporosis	29	LINC01588	0.222448886
osteoporosis	30	HELLPAR	0.207004487
polycystic ovary syndrome	1	CTBP1-AS	0.700258974
polycystic ovary syndrome	2	GHRLOS	0.58863696
polycystic ovary syndrome	3	DIO3OS	0.52568712
polycystic ovary syndrome	4	LINC00479	0.505912765
polycystic ovary syndrome	5	LINC00293	0.440912563
polycystic ovary syndrome	6	FALEC	0.436536209
polycystic ovary syndrome	7	ZNF667-AS1	0.410770968
polycystic ovary syndrome	8	COPG2IT1	0.40174895

polycystic ovary syndrome	9	LINC01081	0.391900197
polycystic ovary syndrome	10	HAS2-AS1	0.379052222
polycystic ovary syndrome	11	NFIA-AS1	0.345618997
polycystic ovary syndrome	12	ADORA2A-AS1	0.341439179
polycystic ovary syndrome	13	ABALON	0.320498165
polycystic ovary syndrome	14	MIR22HG	0.313009605
polycystic ovary syndrome	15	NBR2	0.304952649
polycystic ovary syndrome	16	APTR	0.295711003
polycystic ovary syndrome	17	COL18A1-AS1	0.292455973
polycystic ovary syndrome	18	PARTICL	0.287455224
polycystic ovary syndrome	19	CARMN	0.283609818
polycystic ovary syndrome	20	LINC00273	0.262642326
polycystic ovary syndrome	21	GNG12-AS1	0.259054369
polycystic ovary syndrome	22	MIR181A1HG	0.249071131
polycystic ovary syndrome	23	TTY4	0.219227145
polycystic ovary syndrome	24	TTY2	0.218297532
polycystic ovary syndrome	25	MIR4435-2HG	0.207773896
polycystic ovary syndrome	26	LINC00315	0.205720861
polycystic ovary syndrome	27	NUP50-AS1	0.201194502
polycystic ovary syndrome	28	FMR1-AS1	0.191358483
polycystic ovary syndrome	29	LINC01587	0.189577217
polycystic ovary syndrome	30	PWAR5	0.182846513
heart cancer	1	VLDLR-AS1	0.92368674
heart cancer	2	OLMALINC	0.878292821
heart cancer	3	LINC00315	0.831553932
heart cancer	4	FBXW7-AS1	0.772050058
heart cancer	5	LINC00319	0.747326092
heart cancer	6	MHRT	0.679874581
heart cancer	7	PEG3-AS1	0.571464823
heart cancer	8	NBR2	0.565664901
heart cancer	9	IL10RB-AS1	0.540320583
heart cancer	10	SERTAD4-AS1	0.501762175
heart cancer	11	LINC00477	0.467045888
heart cancer	12	DSCR9	0.403301827
heart cancer	13	LMCD1-AS1	0.388307115
heart cancer	14	PSMB8-AS1	0.385459981
heart cancer	15	NCAM1-AS1	0.343578904
heart cancer	16	LINC01098	0.341964643
heart cancer	17	LINC01588	0.309535358
heart cancer	18	LINC00922	0.301819223
heart cancer	19	LINC00942	0.30097702
heart cancer	20	TEX41	0.293899057
heart cancer	21	KCTD21-AS1	0.290351051
heart cancer	22	JAZF1-AS1	0.288126567
heart cancer	23	ATE1-AS1	0.280484366
heart cancer	24	LINC00336	0.274031463
heart cancer	25	LINC00856	0.269460739

heart cancer	26	HPN-AS1	0.250172953
heart cancer	27	LINC01531	0.249241091
heart cancer	28	GATA3-AS1	0.248182533
heart cancer	29	LINC01387	0.217640151
heart cancer	30	PARD6G-AS1	0.213588875
neonatal diabetes mellitus	1	HYMAI	0.579197591
neonatal diabetes mellitus	2	LINC01081	0.518014022
neonatal diabetes mellitus	3	MIR4435-2HG	0.513136471
neonatal diabetes mellitus	4	NFIA-AS1	0.510331013
neonatal diabetes mellitus	5	ADORA2A-AS1	0.492007036
neonatal diabetes mellitus	6	GHRLOS	0.485653627
neonatal diabetes mellitus	7	COL18A1-AS1	0.470649092
neonatal diabetes mellitus	8	PARTICL	0.454793254
neonatal diabetes mellitus	9	NUP50-AS1	0.450082712
neonatal diabetes mellitus	10	HAS2-AS1	0.438494149
neonatal diabetes mellitus	11	ATE1-AS1	0.424826887
neonatal diabetes mellitus	12	IL10RB-AS1	0.422105477
neonatal diabetes mellitus	13	NCAM1-AS1	0.393342697
neonatal diabetes mellitus	14	PARD6G-AS1	0.392335271
neonatal diabetes mellitus	15	GATA3-AS1	0.387726068
neonatal diabetes mellitus	16	LINC00856	0.383397962
neonatal diabetes mellitus	17	LINC00922	0.382733629
neonatal diabetes mellitus	18	LINC01531	0.375319198
neonatal diabetes mellitus	19	JAZF1-AS1	0.367844129
neonatal diabetes mellitus	20	LINC00336	0.357134703
neonatal diabetes mellitus	21	LINC01588	0.345704331
neonatal diabetes mellitus	22	SERTAD4-AS1	0.344884847
neonatal diabetes mellitus	23	DSCR9	0.339370546
neonatal diabetes mellitus	24	LINC00477	0.337188801
neonatal diabetes mellitus	25	LINC01098	0.335370546
neonatal diabetes mellitus	26	LMCD1-AS1	0.327353968
neonatal diabetes mellitus	27	LINC01387	0.308682869
neonatal diabetes mellitus	28	LINC00942	0.30772448
neonatal diabetes mellitus	29	PSMB8-AS1	0.30772448
neonatal diabetes mellitus	30	KCTD21-AS1	0.304716379
Duchenne muscular dystrophy	1	LINC00467	0.624923326
Duchenne muscular dystrophy	2	LINC00472	0.5721489
Duchenne muscular dystrophy	3	NPSR1-AS1	0.527370945
Duchenne muscular dystrophy	4	HOXA11-AS	0.493037151
Duchenne muscular dystrophy	5	TTY15	0.438092698
Duchenne muscular dystrophy	6	LINC00856	0.427514121
Duchenne muscular dystrophy	7	PARD6G-AS1	0.425699069
Duchenne muscular dystrophy	8	IL10RB-AS1	0.421191567
Duchenne muscular dystrophy	9	LMCD1-AS1	0.418913045
Duchenne muscular dystrophy	10	LINC00922	0.399607531
Duchenne muscular dystrophy	11	NCAM1-AS1	0.36930536
Duchenne muscular dystrophy	12	LINC00336	0.365941442

Duchenne muscular dystrophy	13	LINC00942	0.342307059
Duchenne muscular dystrophy	14	LINC00477	0.326890925
Duchenne muscular dystrophy	15	LINC01098	0.32292487
Duchenne muscular dystrophy	16	SERTAD4-AS1	0.317437723
Duchenne muscular dystrophy	17	JAZF1-AS1	0.31488281
Duchenne muscular dystrophy	18	LINC01387	0.306365279
Duchenne muscular dystrophy	19	GATA3-AS1	0.304154106
Duchenne muscular dystrophy	20	DSCR9	0.284207156
Duchenne muscular dystrophy	21	PSMB8-AS1	0.281996268
Duchenne muscular dystrophy	22	LINC01588	0.28187397
Duchenne muscular dystrophy	23	LINC01531	0.277875653
Duchenne muscular dystrophy	24	HPN-AS1	0.250227418
Duchenne muscular dystrophy	25	TEX41	0.237764462
Duchenne muscular dystrophy	26	KCTD21-AS1	0.236688203
Duchenne muscular dystrophy	27	ATE1-AS1	0.225307583
Duchenne muscular dystrophy	28	CRNDE	0.220669548
Duchenne muscular dystrophy	29	LINC00663	0.217639635
Duchenne muscular dystrophy	30	NFIA-AS1	0.214451599
myopia	1	MIR100HG	0.7654219
myopia	2	LINC01081	0.755928469
myopia	3	RAD51-AS1	0.744928375
myopia	4	HAS2-AS1	0.725095866
myopia	5	LMCD1-AS1	0.695533827
myopia	6	IL10RB-AS1	0.657942377
myopia	7	PARD6G-AS1	0.651643613
myopia	8	NFIA-AS1	0.646965796
myopia	9	LINC01588	0.640931495
myopia	10	LINC01387	0.612658172
myopia	11	ADORA2A-AS1	0.584232707
myopia	12	TEX41	0.565521171
myopia	13	LINC00477	0.56318891
myopia	14	LINC01098	0.547478616
myopia	15	MIR4435-2HG	0.52039008
myopia	16	DSCR9	0.4777141
myopia	17	SERTAD4-AS1	0.469107383
myopia	18	JAZF1-AS1	0.450993875
myopia	19	LINC00922	0.387856158
myopia	20	PSMB8-AS1	0.369548039
myopia	21	KCTD21-AS1	0.345641633
myopia	22	ATE1-AS1	0.343708328
myopia	23	LINC00942	0.322833634
myopia	24	MIR22HG	0.321705682
myopia	25	LINC00336	0.315591408
myopia	26	HPN-AS1	0.315591408
myopia	27	LINC01531	0.300737401
myopia	28	GATA3-AS1	0.278850176
myopia	29	NCAM1-AS1	0.272896213

myopia	30	LINC00856	0.260577618
peripheral nervous system neoplasm	1	H19	0.925738035
peripheral nervous system neoplasm	2	PVT1	0.856623332
peripheral nervous system neoplasm	3	BCYRN1	0.84256132
peripheral nervous system neoplasm	4	LINC00467	0.823682494
peripheral nervous system neoplasm	5	HAND2-AS1	0.796863892
peripheral nervous system neoplasm	6	MIR100HG	0.781500951
peripheral nervous system neoplasm	7	MEG3	0.75978056
peripheral nervous system neoplasm	8	MYCNOS	0.754609447
peripheral nervous system neoplasm	9	NBAT1	0.753618413
peripheral nervous system neoplasm	10	ZNF667-AS1	0.743558053
peripheral nervous system neoplasm	11	LINC00315	0.742212306
peripheral nervous system neoplasm	12	DISC1FP1	0.740463463
peripheral nervous system neoplasm	13	VLDLR-AS1	0.732053688
peripheral nervous system neoplasm	14	LINC00319	0.717170387
peripheral nervous system neoplasm	15	OLMALINC	0.704182522
peripheral nervous system neoplasm	16	PEG3-AS1	0.703182522
peripheral nervous system neoplasm	17	FAM30A	0.69556679
peripheral nervous system neoplasm	18	LINC01235	0.69310793
peripheral nervous system neoplasm	19	FMR1-AS1	0.692238917
peripheral nervous system neoplasm	20	LINC00293	0.691871661
peripheral nervous system neoplasm	21	HAS2-AS1	0.686735026
peripheral nervous system neoplasm	22	LINC01081	0.672900925
peripheral nervous system neoplasm	23	ADORA2A-AS1	0.662986517
peripheral nervous system neoplasm	24	NFIA-AS1	0.66015742
peripheral nervous system neoplasm	25	TTY2	0.650397917
peripheral nervous system neoplasm	26	PCAT4	0.649603085
peripheral nervous system neoplasm	27	LINC00273	0.648267805
peripheral nervous system neoplasm	28	MIR4435-2HG	0.647697541
peripheral nervous system neoplasm	29	MIR181A1HG	0.64723709
peripheral nervous system neoplasm	30	LINC00479	0.643871673
head and neck cancer	1	HOTAIR	0.977406168
head and neck cancer	2	MALAT1	0.954589933
head and neck cancer	3	UCA1	0.913940417
head and neck cancer	4	MEG3	0.875229852
head and neck cancer	5	HOTTIP	0.870265756
head and neck cancer	6	LINC01081	0.826659428
head and neck cancer	7	NBR2	0.789247184
head and neck cancer	8	RAD51-AS1	0.785171919
head and neck cancer	9	NFIA-AS1	0.767863863
head and neck cancer	10	COL18A1-AS1	0.765690065
head and neck cancer	11	LINC00315	0.735949012
head and neck cancer	12	MIR22HG	0.721297902
head and neck cancer	13	MIR4435-2HG	0.715564397
head and neck cancer	14	GHRLOS	0.71386998
head and neck cancer	15	ABALON	0.688612372
head and neck cancer	16	LINC01387	0.671521108

head and neck cancer	17	ATE1-AS1	0.628841567
head and neck cancer	18	DSCR9	0.620789463
head and neck cancer	19	NCAM1-AS1	0.617314975
head and neck cancer	20	LINC00477	0.600941101
head and neck cancer	21	LMCD1-AS1	0.582030127
head and neck cancer	22	IL10RB-AS1	0.567670645
head and neck cancer	23	LINC00942	0.561997613
head and neck cancer	24	TEX41	0.561729013
head and neck cancer	25	LINC01588	0.537304075
head and neck cancer	26	LINC00856	0.504636621
head and neck cancer	27	SERTAD4-AS1	0.502142312
head and neck cancer	28	JAZF1-AS1	0.487532898
head and neck cancer	29	HPN-AS1	0.486103109
head and neck cancer	30	PSMB8-AS1	0.46761947
Prader-Willi syndrome	1	H19	0.866219869
Prader-Willi syndrome	2	LINC01081	0.800049252
Prader-Willi syndrome	3	RAD51-AS1	0.651551977
Prader-Willi syndrome	4	HAS2-AS1	0.650049277
Prader-Willi syndrome	5	JAZF1-AS1	0.62990107
Prader-Willi syndrome	6	LINC00336	0.608159683
Prader-Willi syndrome	7	SERTAD4-AS1	0.576904309
Prader-Willi syndrome	8	LINC00942	0.564528276
Prader-Willi syndrome	9	NCAM1-AS1	0.430075331
Prader-Willi syndrome	10	LMCD1-AS1	0.427162909
Prader-Willi syndrome	11	LINC00856	0.355797788
Prader-Willi syndrome	12	PARD6G-AS1	0.353233055
Prader-Willi syndrome	13	MIR22HG	0.30258171
Prader-Willi syndrome	14	NFIA-AS1	0.268535615
Prader-Willi syndrome	15	TEX41	0.265749763
Prader-Willi syndrome	16	ADORA2A-AS1	0.258880578
Prader-Willi syndrome	17	IL10RB-AS1	0.257743327
Prader-Willi syndrome	18	LINC00477	0.243711805
Prader-Willi syndrome	19	LINC01387	0.231250059
Prader-Willi syndrome	20	MIR4435-2HG	0.212535587
Prader-Willi syndrome	21	GATA3-AS1	0.20984117
Prader-Willi syndrome	22	LINC01531	0.185116482
Prader-Willi syndrome	23	HPN-AS1	0.170362406
Prader-Willi syndrome	24	DSCR9	0.164304699
Prader-Willi syndrome	25	LINC00922	0.163190727
Prader-Willi syndrome	26	ATE1-AS1	0.137798198
Prader-Willi syndrome	27	LINC01588	0.135794608
Prader-Willi syndrome	28	KCTD21-AS1	0.133177409
Prader-Willi syndrome	29	PSMB8-AS1	0.116073686
Prader-Willi syndrome	30	LINC01098	0.110654073
female reproductive organ cancer	1	CCAT1	0.99092476
female reproductive organ cancer	2	LINC00961	0.978030477
female reproductive organ cancer	3	LUCAT1	0.970870501

female reproductive organ cancer	4	MEG3	0.956611518
female reproductive organ cancer	5	CCAT2	0.944285381
female reproductive organ cancer	6	HOTAIR	0.942466985
female reproductive organ cancer	7	LSINCT5	0.933701234
female reproductive organ cancer	8	PVT1	0.931551562
female reproductive organ cancer	9	SNHG12	0.927470463
female reproductive organ cancer	10	H19	0.923803478
female reproductive organ cancer	11	CASC2	0.922919439
female reproductive organ cancer	12	HOXA11-AS	0.910131335
female reproductive organ cancer	13	HCG27	0.904953118
female reproductive organ cancer	14	MALAT1	0.893860177
female reproductive organ cancer	15	BCYRN1	0.88467047
female reproductive organ cancer	16	NEAT1	0.880899383
female reproductive organ cancer	17	LINC00273	0.877421507
female reproductive organ cancer	18	JAZF1-AS1	0.875435129
female reproductive organ cancer	19	B3GALT5-AS1	0.875163622
female reproductive organ cancer	20	LINC00942	0.873450838
female reproductive organ cancer	21	LINC00856	0.870896923
female reproductive organ cancer	22	NUP50-AS1	0.870354798
female reproductive organ cancer	23	LINC01081	0.866509814
female reproductive organ cancer	24	LINC01602	0.865203027
female reproductive organ cancer	25	RAD51-AS1	0.863523621
female reproductive organ cancer	26	SERTAD4-AS1	0.863523621
female reproductive organ cancer	27	FAM30A	0.862070738
female reproductive organ cancer	28	DBET	0.859684523
female reproductive organ cancer	29	CARMN	0.858791846
female reproductive organ cancer	30	LINC00336	0.856075845
allergic hypersensitivity disease	1	LINC01081	0.932894814
allergic hypersensitivity disease	2	HAS2-AS1	0.865952436
allergic hypersensitivity disease	3	RAD51-AS1	0.831750755
allergic hypersensitivity disease	4	LINC00942	0.830728321
allergic hypersensitivity disease	5	NFIA-AS1	0.795505323
allergic hypersensitivity disease	6	SERTAD4-AS1	0.76109828
allergic hypersensitivity disease	7	TEX41	0.716954075
allergic hypersensitivity disease	8	LINC00856	0.690890341
allergic hypersensitivity disease	9	NCAM1-AS1	0.634213799
allergic hypersensitivity disease	10	LINC01387	0.604509911
allergic hypersensitivity disease	11	ADORA2A-AS1	0.596607333
allergic hypersensitivity disease	12	DSCR9	0.478431121
allergic hypersensitivity disease	13	LMCD1-AS1	0.437996811
allergic hypersensitivity disease	14	IL10RB-AS1	0.429126533
allergic hypersensitivity disease	15	PARD6G-AS1	0.425716036
allergic hypersensitivity disease	16	LINC00477	0.424850486
allergic hypersensitivity disease	17	LINC01098	0.413484322
allergic hypersensitivity disease	18	JAZF1-AS1	0.412837582
allergic hypersensitivity disease	19	LINC00922	0.403574807
allergic hypersensitivity disease	20	GATA3-AS1	0.384362774

allergic hypersensitivity disease	21	LINC01531	0.343970991
allergic hypersensitivity disease	22	HPN-AS1	0.320153655
allergic hypersensitivity disease	23	LINC00336	0.318230635
allergic hypersensitivity disease	24	MIR22HG	0.296283597
allergic hypersensitivity disease	25	ATE1-AS1	0.268706867
allergic hypersensitivity disease	26	KCTD21-AS1	0.260684037
allergic hypersensitivity disease	27	MIR4435-2HG	0.245233276
allergic hypersensitivity disease	28	LINC01588	0.243507405
allergic hypersensitivity disease	29	PSMB8-AS1	0.209491433
allergic hypersensitivity disease	30	HELLPAR	0.198898315
neutropenia	1	H19	0.978676814
neutropenia	2	LINC01081	0.942088623
neutropenia	3	HAS2-AS1	0.81139104
neutropenia	4	RAD51-AS1	0.787955616
neutropenia	5	PARD6G-AS1	0.709419908
neutropenia	6	LMCD1-AS1	0.703221906
neutropenia	7	NFIA-AS1	0.639517498
neutropenia	8	DSCR9	0.627301937
neutropenia	9	TEX41	0.525393873
neutropenia	10	NCAM1-AS1	0.490540181
neutropenia	11	LINC01387	0.453977045
neutropenia	12	ADORA2A-AS1	0.449385243
neutropenia	13	LINC00856	0.437187513
neutropenia	14	SERTAD4-AS1	0.430685203
neutropenia	15	IL10RB-AS1	0.409638385
neutropenia	16	LINC01098	0.390999633
neutropenia	17	LINC00477	0.318366371
neutropenia	18	JAZF1-AS1	0.316193129
neutropenia	19	GATA3-AS1	0.290123265
neutropenia	20	LINC01531	0.257210459
neutropenia	21	HPN-AS1	0.249041557
neutropenia	22	MIR22HG	0.248721152
neutropenia	23	LINC00942	0.227586926
neutropenia	24	ATE1-AS1	0.209417744
neutropenia	25	MIR4435-2HG	0.191441521
neutropenia	26	LINC01588	0.190923205
neutropenia	27	KCTD21-AS1	0.190633361
neutropenia	28	LINC00922	0.185613104
neutropenia	29	PSMB8-AS1	0.154547051
neutropenia	30	LINC00336	0.137816077
paranoid schizophrenia	1	MIAT	0.709150886
paranoid schizophrenia	2	LINC01081	0.70518421
paranoid schizophrenia	3	RAD51-AS1	0.681523959
paranoid schizophrenia	4	HAS2-AS1	0.669232678
paranoid schizophrenia	5	LINC00942	0.658777722
paranoid schizophrenia	6	DSCR9	0.655530783
paranoid schizophrenia	7	LINC00856	0.60645064



paranoid schizophrenia	8	ADORA2A-AS1	0.602192061
paranoid schizophrenia	9	LINC01387	0.590663828
paranoid schizophrenia	10	NCAM1-AS1	0.589710682
paranoid schizophrenia	11	JAZF1-AS1	0.579539983
paranoid schizophrenia	12	TEX41	0.551434475
paranoid schizophrenia	13	LMCD1-AS1	0.541167538
paranoid schizophrenia	14	PARD6G-AS1	0.538132136
paranoid schizophrenia	15	IL10RB-AS1	0.521439247
paranoid schizophrenia	16	NFIA-AS1	0.520706785
paranoid schizophrenia	17	LINC00336	0.5191411
paranoid schizophrenia	18	LINC00477	0.48768763
paranoid schizophrenia	19	SERTAD4-AS1	0.486713908
paranoid schizophrenia	20	LINC01098	0.476441164
paranoid schizophrenia	21	GATA3-AS1	0.448192357
paranoid schizophrenia	22	LINC01531	0.444637646
paranoid schizophrenia	23	HPN-AS1	0.438109776
paranoid schizophrenia	24	LINC00922	0.438109776
paranoid schizophrenia	25	ATE1-AS1	0.436670026
paranoid schizophrenia	26	MIR4435-2HG	0.419261643
paranoid schizophrenia	27	KCTD21-AS1	0.418074874
paranoid schizophrenia	28	PSMB8-AS1	0.415454772
paranoid schizophrenia	29	LINC01588	0.381765203
paranoid schizophrenia	30	HELLPAR	0.379953347
atypical depressive disorder	1	MCHR2-AS1	0.630062588
atypical depressive disorder	2	RAD51-AS1	0.627919158
atypical depressive disorder	3	MIR4435-2HG	0.621741892
atypical depressive disorder	4	ADORA2A-AS1	0.59777269
atypical depressive disorder	5	NFIA-AS1	0.591411615
atypical depressive disorder	6	HELLPAR	0.580029976
atypical depressive disorder	7	ABALON	0.573415527
atypical depressive disorder	8	LINC00336	0.571332524
atypical depressive disorder	9	LINC00922	0.536346212
atypical depressive disorder	10	LINC00942	0.536089882
atypical depressive disorder	11	LINC00477	0.534398978
atypical depressive disorder	12	SERTAD4-AS1	0.529922985
atypical depressive disorder	13	LMCD1-AS1	0.510241753
atypical depressive disorder	14	LINC00856	0.473405563
atypical depressive disorder	15	PARD6G-AS1	0.472241253
atypical depressive disorder	16	IL10RB-AS1	0.471003191
atypical depressive disorder	17	NCAM1-AS1	0.459321571
atypical depressive disorder	18	JAZF1-AS1	0.456704836
atypical depressive disorder	19	LINC01387	0.455697533
atypical depressive disorder	20	LINC01531	0.453848997
atypical depressive disorder	21	TEX41	0.44423465
atypical depressive disorder	22	PSMB8-AS1	0.434492502
atypical depressive disorder	23	DSCR9	0.431261811
atypical depressive disorder	24	GATA3-AS1	0.431261811

atypical depressive disorder	25	HPN-AS1	0.419703161
atypical depressive disorder	26	LINC01588	0.411868333
atypical depressive disorder	27	LINC01098	0.407050164
atypical depressive disorder	28	KCTD21-AS1	0.398744327
atypical depressive disorder	29	ATE1-AS1	0.377605266
atypical depressive disorder	30	GHRLOS	0.367006049
male infertility	1	LINC00474	0.829467857
male infertility	2	LINC01081	0.739772692
male infertility	3	HAS2-AS1	0.713225978
male infertility	4	RAD51-AS1	0.643999836
male infertility	5	LINC01588	0.643591331
male infertility	6	JAZF1-AS1	0.634276174
male infertility	7	LINC00336	0.632415306
male infertility	8	SERTAD4-AS1	0.625682736
male infertility	9	TEX41	0.600419298
male infertility	10	LINC00856	0.576169945
male infertility	11	DSCR9	0.547481317
male infertility	12	NCAM1-AS1	0.533877245
male infertility	13	LMCD1-AS1	0.495140971
male infertility	14	PARD6G-AS1	0.405500364
male infertility	15	IL10RB-AS1	0.390113108
male infertility	16	ADORA2A-AS1	0.36704245
male infertility	17	NFIA-AS1	0.359610236
male infertility	18	LINC00477	0.356473317
male infertility	19	LINC00922	0.356032107
male infertility	20	LINC01098	0.338197638
male infertility	21	GATA3-AS1	0.337645967
male infertility	22	LINC01531	0.330960991
male infertility	23	HPN-AS1	0.315453513
male infertility	24	LINC00942	0.315179922
male infertility	25	ATE1-AS1	0.280172001
male infertility	26	MIR4435-2HG	0.266529045
male infertility	27	KCTD21-AS1	0.262630378
male infertility	28	LINC01387	0.262180456
male infertility	29	MIR22HG	0.251342048
male infertility	30	PSMB8-AS1	0.248681316
malaria	1	MIF-AS1	0.779573562
malaria	2	LINC01081	0.765425904
malaria	3	RAD51-AS1	0.656233532
malaria	4	HAS2-AS1	0.523722495
malaria	5	LINC00922	0.495308213
malaria	6	DSCR9	0.484789586
malaria	7	NCAM1-AS1	0.468445287
malaria	8	TEX41	0.426699187
malaria	9	IL10RB-AS1	0.423758831
malaria	10	NFIA-AS1	0.407821218
malaria	11	LINC00336	0.390502328

malaria	12	ADORA2A-AS1	0.380986093
malaria	13	LINC01387	0.376505346
malaria	14	LINC00856	0.371765016
malaria	15	SERTAD4-AS1	0.371030346
malaria	16	JAZF1-AS1	0.359337245
malaria	17	PARD6G-AS1	0.352772989
malaria	18	LINC01588	0.328357336
malaria	19	LMCD1-AS1	0.320728788
malaria	20	HPN-AS1	0.319093772
malaria	21	PSMB8-AS1	0.318279609
malaria	22	LINC00942	0.315805299
malaria	23	MIR4435-2HG	0.30956659
malaria	24	KCTD21-AS1	0.308040713
malaria	25	LINC01531	0.30328296
malaria	26	ATE1-AS1	0.302007951
malaria	27	LINC00477	0.291581983
malaria	28	LINC01098	0.28734313
malaria	29	GATA3-AS1	0.281596097
malaria	30	HELLPAR	0.274476789
leukemia	1	DLEU2	0.998035898
leukemia	2	MEG3	0.997959276
leukemia	3	MIR17HG	0.984587168
leukemia	4	PVT1	0.984241837
leukemia	5	H19	0.98154226
leukemia	6	CDKN2B-AS1	0.981198213
leukemia	7	TP53COR1	0.975367097
leukemia	8	NEAT1	0.973830586
leukemia	9	HOTAIRM1	0.966869958
leukemia	10	MIR99AHG	0.966857372
leukemia	11	CCDC26	0.965452114
leukemia	12	UCA1	0.957597738
leukemia	13	HOTAIR	0.947052157
leukemia	14	WT1-AS	0.934284686
leukemia	15	NUP50-AS1	0.93345495
leukemia	16	RAD51-AS1	0.911324327
leukemia	17	LINC01081	0.904011175
leukemia	18	HAS2-AS1	0.893392962
leukemia	19	FAM30A	0.888009496
leukemia	20	LINC00273	0.884910173
leukemia	21	PWRN1	0.88373459
leukemia	22	OLMALINC	0.881384028
leukemia	23	LINC01602	0.861423883
leukemia	24	CARMN	0.847901921
leukemia	25	NFIA-AS1	0.84599028
leukemia	26	DBET	0.835381604
leukemia	27	DISC1FP1	0.834174318
leukemia	28	VLDLR-AS1	0.825182623

leukemia	29	LINC01235	0.811841576
leukemia	30	LINC00319	0.803550991
acute leukemia	1	CCDC26	0.798730088
acute leukemia	2	JAZF1-AS1	0.683124327
acute leukemia	3	IL10RB-AS1	0.672078987
acute leukemia	4	LMCD1-AS1	0.666565522
acute leukemia	5	NCAM1-AS1	0.594839109
acute leukemia	6	LINC01387	0.528648089
acute leukemia	7	LINC01098	0.479675518
acute leukemia	8	LINC01588	0.460969815
acute leukemia	9	DSCR9	0.450158135
acute leukemia	10	TEX41	0.43155152
acute leukemia	11	LINC00942	0.418461241
acute leukemia	12	LINC00856	0.418133409
acute leukemia	13	PARD6G-AS1	0.413446734
acute leukemia	14	LINC00922	0.402961298
acute leukemia	15	ATE1-AS1	0.383392984
acute leukemia	16	PSMB8-AS1	0.365504568
acute leukemia	17	LINC00336	0.36489764
acute leukemia	18	KCTD21-AS1	0.348659715
acute leukemia	19	HPN-AS1	0.334408651
acute leukemia	20	LINC01531	0.331391245
acute leukemia	21	GATA3-AS1	0.330597604
acute leukemia	22	LINC00477	0.31863321
acute leukemia	23	SERTAD4-AS1	0.312452933
acute leukemia	24	LOXL1-AS1	0.305627369
acute leukemia	25	MIR137HG	0.30410521
acute leukemia	26	DSCR10	0.302988288
acute leukemia	27	OLMALINC	0.295606357
acute leukemia	28	COL18A1-AS1	0.295144067
acute leukemia	29	HAS2-AS1	0.293644067
acute leukemia	30	ADORA2A-AS1	0.291329684
Huntington's disease	1	HAR1A	0.893993864
Huntington's disease	2	MEG3	0.887959076
Huntington's disease	3	LINC01081	0.779948679
Huntington's disease	4	RAD51-AS1	0.772528719
Huntington's disease	5	HAS2-AS1	0.770485492
Huntington's disease	6	NBR2	0.753785761
Huntington's disease	7	LMCD1-AS1	0.706031044
Huntington's disease	8	IL10RB-AS1	0.702714562
Huntington's disease	9	PARD6G-AS1	0.66724796
Huntington's disease	10	NFIA-AS1	0.608074967
Huntington's disease	11	NCAM1-AS1	0.604229161
Huntington's disease	12	LINC00922	0.593410677
Huntington's disease	13	LINC01387	0.533447163
Huntington's disease	14	ADORA2A-AS1	0.503013479
Huntington's disease	15	LINC00856	0.490747162

Huntington's disease	16	DSCR9	0.468221075
Huntington's disease	17	SERTAD4-AS1	0.463859121
Huntington's disease	18	JAZF1-AS1	0.449732531
Huntington's disease	19	LINC00336	0.427786764
Huntington's disease	20	LINC01588	0.424851482
Huntington's disease	21	TEX41	0.362532011
Huntington's disease	22	LINC00942	0.355785833
Huntington's disease	23	ATE1-AS1	0.350456728
Huntington's disease	24	MIR4435-2HG	0.348500717
Huntington's disease	25	LINC01098	0.338921796
Huntington's disease	26	PSMB8-AS1	0.32810024
Huntington's disease	27	LINC00477	0.324484031
Huntington's disease	28	KCTD21-AS1	0.324484031
Huntington's disease	29	HPN-AS1	0.309429514
Huntington's disease	30	MIR22HG	0.282107929
cardiovascular system disease	1	TP53COR1	0.989409159
cardiovascular system disease	2	HCP5	0.989344437
cardiovascular system disease	3	CDKN2A-AS1	0.98850571
cardiovascular system disease	4	CDKN2B-AS1	0.986978516
cardiovascular system disease	5	MIAT	0.982377831
cardiovascular system disease	6	H19	0.960592412
cardiovascular system disease	7	KCNQ1OT1	0.925324844
cardiovascular system disease	8	LINC00319	0.914907325
cardiovascular system disease	9	PEG3-AS1	0.892305948
cardiovascular system disease	10	NUP50-AS1	0.889494998
cardiovascular system disease	11	PWAR5	0.878357047
cardiovascular system disease	12	LINC00479	0.865740411
cardiovascular system disease	13	LINC00315	0.863575235
cardiovascular system disease	14	DIO3OS	0.862486894
cardiovascular system disease	15	AGAP2-AS1	0.843466416
cardiovascular system disease	16	LINC01081	0.830698972
cardiovascular system disease	17	COL18A1-AS1	0.812594452
cardiovascular system disease	18	ADORA2A-AS1	0.80700564
cardiovascular system disease	19	ABALON	0.785724683
cardiovascular system disease	20	TTY4	0.785087175
cardiovascular system disease	21	PCAT4	0.732744526
cardiovascular system disease	22	TSIX	0.692380991
cardiovascular system disease	23	GHRLOS	0.686993175
cardiovascular system disease	24	MIR22HG	0.685837741
cardiovascular system disease	25	HELLPAR	0.662143539
cardiovascular system disease	26	GNG12-AS1	0.653543892
cardiovascular system disease	27	RAD51-AS1	0.651511901
cardiovascular system disease	28	HAS2-AS1	0.640486877
cardiovascular system disease	29	PARTICL	0.636104749
cardiovascular system disease	30	MIR4435-2HG	0.633248008
neurodegenerative disease	1	MEG3	0.88493842
neurodegenerative disease	2	LINC01080	0.869936306

neurodegenerative disease	3	TUG1	0.858899718
neurodegenerative disease	4	IFNG-AS1	0.838736115
neurodegenerative disease	5	SOX2-OT	0.831259846
neurodegenerative disease	6	XIST	0.829825777
neurodegenerative disease	7	HAR1A	0.828249913
neurodegenerative disease	8	ATXN8OS	0.8172192
neurodegenerative disease	9	DBH-AS1	0.813529483
neurodegenerative disease	10	LINC00974	0.804859319
neurodegenerative disease	11	LINC00687	0.791659027
neurodegenerative disease	12	LINC00602	0.78955603
neurodegenerative disease	13	MIR194-2HG	0.787671196
neurodegenerative disease	14	CYTOR	0.786109418
neurodegenerative disease	15	HCCAT5	0.781610043
neurodegenerative disease	16	ADORA2A-AS1	0.779306406
neurodegenerative disease	17	CARMN	0.76460181
neurodegenerative disease	18	RAD51-AS1	0.757895028
neurodegenerative disease	19	XACT	0.757297322
neurodegenerative disease	20	LINC00293	0.742303079
neurodegenerative disease	21	HAS2-AS1	0.740928376
neurodegenerative disease	22	PARTICL	0.740928376
neurodegenerative disease	23	COPG2IT1	0.736883166
neurodegenerative disease	24	DISC1FP1	0.718500354
neurodegenerative disease	25	CASC8	0.712926726
neurodegenerative disease	26	NBR2	0.70540626
neurodegenerative disease	27	TSIX	0.688670354
neurodegenerative disease	28	ABALON	0.681921853
neurodegenerative disease	29	ZNF667-AS1	0.678256461
neurodegenerative disease	30	COL18A1-AS1	0.676241766
agranulocytosis	1	H19	0.96239778
agranulocytosis	2	LINC01081	0.933219119
agranulocytosis	3	RAD51-AS1	0.803207482
agranulocytosis	4	HAS2-AS1	0.77467334
agranulocytosis	5	LINC00477	0.686825111
agranulocytosis	6	MIR22HG	0.670557157
agranulocytosis	7	LINC01387	0.634024469
agranulocytosis	8	TEX41	0.627199826
agranulocytosis	9	NFIA-AS1	0.479070516
agranulocytosis	10	DSCR9	0.478756557
agranulocytosis	11	LINC01588	0.45076904
agranulocytosis	12	LMCD1-AS1	0.44982817
agranulocytosis	13	ADORA2A-AS1	0.439925338
agranulocytosis	14	NCAM1-AS1	0.412266803
agranulocytosis	15	JAZF1-AS1	0.393737145
agranulocytosis	16	PARD6G-AS1	0.371589341
agranulocytosis	17	LINC00922	0.295429474
agranulocytosis	18	MIR4435-2HG	0.293250871
agranulocytosis	19	SERTAD4-AS1	0.285431779

agranulocytosis	20	KCTD21-AS1	0.282531735
agranulocytosis	21	GATA3-AS1	0.248751645
agranulocytosis	22	LINC00856	0.227034933
agranulocytosis	23	LINC01531	0.225529844
agranulocytosis	24	PSMB8-AS1	0.209812361
agranulocytosis	25	HPN-AS1	0.189113475
agranulocytosis	26	IL10RB-AS1	0.176674979
agranulocytosis	27	LINC00942	0.163448999
agranulocytosis	28	LINC00336	0.16101459
agranulocytosis	29	ATE1-AS1	0.140437756
agranulocytosis	30	LINC01098	0.124680995
dementia	1	CDKN2A-AS1	0.756459252
dementia	2	LINC01081	0.643363814
dementia	3	RAD51-AS1	0.581595263
dementia	4	HAS2-AS1	0.542351087
dementia	5	MIR4435-2HG	0.514227271
dementia	6	ADORA2A-AS1	0.498354335
dementia	7	NFIA-AS1	0.492396736
dementia	8	HELLPAR	0.487671437
dementia	9	ABALON	0.478026138
dementia	10	GHRLOS	0.466323923
dementia	11	NBR2	0.424994224
dementia	12	APTR	0.398495672
dementia	13	TEX41	0.393036843
dementia	14	LMCD1-AS1	0.392177083
dementia	15	LINC00336	0.384373376
dementia	16	LINC00922	0.37351191
dementia	17	IL10RB-AS1	0.361812682
dementia	18	LINC01387	0.360769135
dementia	19	LINC00856	0.343754362
dementia	20	SERTAD4-AS1	0.322861579
dementia	21	JAZF1-AS1	0.321715146
dementia	22	PARD6G-AS1	0.305918997
dementia	23	DSCR9	0.274446517
dementia	24	NCAM1-AS1	0.262715554
dementia	25	GATA3-AS1	0.262159926
dementia	26	LINC00942	0.262144955
dementia	27	HPN-AS1	0.261936919
dementia	28	PSMB8-AS1	0.258475022
dementia	29	LINC01531	0.258178659
dementia	30	KCTD21-AS1	0.252644446
intracranial arterial disease	1	CDKN2B-AS1	0.762508284
intracranial arterial disease	2	ESRG	0.75826237
intracranial arterial disease	3	LINC01081	0.736097132
intracranial arterial disease	4	RAD51-AS1	0.715835513
intracranial arterial disease	5	HAS2-AS1	0.702707467
intracranial arterial disease	6	JAZF1-AS1	0.700857698

intracranial arterial disease	7	MIR22HG	0.622485008
intracranial arterial disease	8	PARD6G-AS1	0.619139476
intracranial arterial disease	9	LMCD1-AS1	0.575907128
intracranial arterial disease	10	LINC01387	0.565576873
intracranial arterial disease	11	LINC00336	0.562531268
intracranial arterial disease	12	SERTAD4-AS1	0.556910633
intracranial arterial disease	13	NCAM1-AS1	0.554529218
intracranial arterial disease	14	LINC01588	0.498597722
intracranial arterial disease	15	TEX41	0.467106287
intracranial arterial disease	16	LINC00477	0.427909308
intracranial arterial disease	17	LINC01098	0.372998488
intracranial arterial disease	18	MIR4435-2HG	0.339910582
intracranial arterial disease	19	ADORA2A-AS1	0.318461276
intracranial arterial disease	20	PSMB8-AS1	0.317996
intracranial arterial disease	21	IL10RB-AS1	0.314728093
intracranial arterial disease	22	KCTD21-AS1	0.307245905
intracranial arterial disease	23	LINC00856	0.286125311
intracranial arterial disease	24	ATE1-AS1	0.286125311
intracranial arterial disease	25	NFIA-AS1	0.279798311
intracranial arterial disease	26	LINC00942	0.276254405
intracranial arterial disease	27	HPN-AS1	0.269021476
intracranial arterial disease	28	LINC01531	0.267165404
intracranial arterial disease	29	GATA3-AS1	0.253594877
intracranial arterial disease	30	LINC00922	0.248959909
brain cancer	1	MIR17HG	0.965211437
brain cancer	2	H19	0.96144046
brain cancer	3	LINC00922	0.946658167
brain cancer	4	NCAM1-AS1	0.933363296
brain cancer	5	PARD6G-AS1	0.920490511
brain cancer	6	LINC00336	0.914775178
brain cancer	7	LMCD1-AS1	0.84549969
brain cancer	8	TEX41	0.845196037
brain cancer	9	DSCR9	0.70310219
brain cancer	10	LINC01098	0.685721214
brain cancer	11	PSMB8-AS1	0.660400607
brain cancer	12	IL10RB-AS1	0.588304565
brain cancer	13	LINC01387	0.565162484
brain cancer	14	LINC01588	0.535796333
brain cancer	15	LINC00477	0.531456517
brain cancer	16	LINC00856	0.522445811
brain cancer	17	SERTAD4-AS1	0.513583127
brain cancer	18	KCTD21-AS1	0.507446859
brain cancer	19	ATE1-AS1	0.48538152
brain cancer	20	JAZF1-AS1	0.484801118
brain cancer	21	HPN-AS1	0.465533874
brain cancer	22	LINC01531	0.45981716
brain cancer	23	GATA3-AS1	0.456471105



brain cancer	24	LINC00942	0.450602921
brain cancer	25	NUP50-AS1	0.424357456
brain cancer	26	LINC01081	0.396310557
brain cancer	27	RAD51-AS1	0.359094604
brain cancer	28	HAS2-AS1	0.356896731
brain cancer	29	MIR22HG	0.344922452
brain cancer	30	MIR4435-2HG	0.286626863
lung cancer	1	KIRREL3-AS3	0.997514625
lung cancer	2	C5orf66-AS2	0.9970401
lung cancer	3	TUG1	0.995411359
lung cancer	4	LSINCT5	0.99302546
lung cancer	5	SNHG1	0.992521916
lung cancer	6	H19	0.986795873
lung cancer	7	MEG3	0.969394415
lung cancer	8	NEAT1	0.965438296
lung cancer	9	ERICH1-AS1	0.955847107
lung cancer	10	AFAP1-AS1	0.946842862
lung cancer	11	LINC01133	0.944205878
lung cancer	12	XIST	0.939123213
lung cancer	13	BCYRN1	0.929523746
lung cancer	14	BANCR	0.91741558
lung cancer	15	LINC00473	0.91213795
lung cancer	16	MIR17HG	0.911491498
lung cancer	17	PVT1	0.901200361
lung cancer	18	NPTN-IT1	0.897985563
lung cancer	19	MIR124-2HG	0.8976033
lung cancer	20	CCAT1	0.896769038
lung cancer	21	CCAT2	0.889851221
lung cancer	22	CDKN2B-AS1	0.885900058
lung cancer	23	UCA1	0.881562707
lung cancer	24	VLDLR-AS1	0.881562707
lung cancer	25	LINC01235	0.877675523
lung cancer	26	DISC1FP1	0.877467289
lung cancer	27	HELLPAR	0.876991216
lung cancer	28	PWAR5	0.873660495
lung cancer	29	GHRLOS	0.872185543
lung cancer	30	PWRN1	0.85787919
Behcet's disease	1	IL12A-AS1	0.690560693
Behcet's disease	2	LINC01081	0.669778478
Behcet's disease	3	RAD51-AS1	0.547648638
Behcet's disease	4	HAS2-AS1	0.527738948
Behcet's disease	5	LINC01531	0.505911972
Behcet's disease	6	PARD6G-AS1	0.477343122
Behcet's disease	7	LMCD1-AS1	0.462607943
Behcet's disease	8	LINC00942	0.434971417
Behcet's disease	9	NFIA-AS1	0.431884195
Behcet's disease	10	NCAM1-AS1	0.420060012

Behcet's disease	11	ADORA2A-AS1	0.406499972
Behcet's disease	12	LINC01387	0.403420952
Behcet's disease	13	LINC00336	0.399569062
Behcet's disease	14	GATA3-AS1	0.394628854
Behcet's disease	15	LINC00856	0.381413858
Behcet's disease	16	SERTAD4-AS1	0.366707315
Behcet's disease	17	JAZF1-AS1	0.3635492
Behcet's disease	18	HPN-AS1	0.352461263
Behcet's disease	19	TEX41	0.346428226
Behcet's disease	20	IL10RB-AS1	0.342373723
Behcet's disease	21	LINC00922	0.340889435
Behcet's disease	22	LINC01588	0.329456149
Behcet's disease	23	MIR4435-2HG	0.31776706
Behcet's disease	24	PSMB8-AS1	0.300169813
Behcet's disease	25	KCTD21-AS1	0.298909329
Behcet's disease	26	ATE1-AS1	0.295712609
Behcet's disease	27	MIR22HG	0.295524739
Behcet's disease	28	DSCR9	0.284952585
Behcet's disease	29	LINC01098	0.273330806
Behcet's disease	30	LINC00477	0.261926361
hyperinsulinemic hypoglycemia	1	LINC01081	0.857282243
hyperinsulinemic hypoglycemia	2	HAS2-AS1	0.828253709
hyperinsulinemic hypoglycemia	3	RAD51-AS1	0.734465088
hyperinsulinemic hypoglycemia	4	SERTAD4-AS1	0.531733639
hyperinsulinemic hypoglycemia	5	LINC00856	0.483958525
hyperinsulinemic hypoglycemia	6	LINC01588	0.458692875
hyperinsulinemic hypoglycemia	7	DSCR9	0.436372197
hyperinsulinemic hypoglycemia	8	NCAM1-AS1	0.416520089
hyperinsulinemic hypoglycemia	9	TEX41	0.383159174
hyperinsulinemic hypoglycemia	10	LINC01387	0.37956632
hyperinsulinemic hypoglycemia	11	LMCD1-AS1	0.374865611
hyperinsulinemic hypoglycemia	12	IL10RB-AS1	0.266203883
hyperinsulinemic hypoglycemia	13	LINC00336	0.251938754
hyperinsulinemic hypoglycemia	14	PARD6G-AS1	0.250583497
hyperinsulinemic hypoglycemia	15	ADORA2A-AS1	0.248694284
hyperinsulinemic hypoglycemia	16	MIR22HG	0.244852883
hyperinsulinemic hypoglycemia	17	LINC01098	0.235289178
hyperinsulinemic hypoglycemia	18	JAZF1-AS1	0.234407784
hyperinsulinemic hypoglycemia	19	LINC00942	0.232781128
hyperinsulinemic hypoglycemia	20	GATA3-AS1	0.219698402
hyperinsulinemic hypoglycemia	21	LINC01531	0.219146034
hyperinsulinemic hypoglycemia	22	HPN-AS1	0.199249401
hyperinsulinemic hypoglycemia	23	LINC00922	0.190010124
hyperinsulinemic hypoglycemia	24	ATE1-AS1	0.185007727
hyperinsulinemic hypoglycemia	25	LINC00477	0.181049135
hyperinsulinemic hypoglycemia	26	PSMB8-AS1	0.173614179
hyperinsulinemic hypoglycemia	27	KCTD21-AS1	0.167485098

hyperinsulinemic hypoglycemia	28	MIR4435-2HG	0.167015168
hyperinsulinemic hypoglycemia	29	NFIA-AS1	0.162053922
hyperinsulinemic hypoglycemia	30	HELLPAR	0.161533799
Kawasaki disease	1	THRIL	0.647796954
Kawasaki disease	2	LINC01081	0.630962067
Kawasaki disease	3	HAS2-AS1	0.623185665
Kawasaki disease	4	RAD51-AS1	0.61812261
Kawasaki disease	5	LINC00942	0.589741268
Kawasaki disease	6	LINC01588	0.578459794
Kawasaki disease	7	NFIA-AS1	0.539121427
Kawasaki disease	8	DSCR9	0.521375366
Kawasaki disease	9	TEX41	0.519527488
Kawasaki disease	10	IL10RB-AS1	0.516838024
Kawasaki disease	11	LINC00477	0.509249572
Kawasaki disease	12	LINC00856	0.477631692
Kawasaki disease	13	PARD6G-AS1	0.474960946
Kawasaki disease	14	LMCD1-AS1	0.463292375
Kawasaki disease	15	LINC00336	0.455833493
Kawasaki disease	16	NCAM1-AS1	0.445926863
Kawasaki disease	17	LINC01387	0.417186238
Kawasaki disease	18	MIR4435-2HG	0.415344265
Kawasaki disease	19	MIR22HG	0.409724476
Kawasaki disease	20	LINC00922	0.407696331
Kawasaki disease	21	PSMB8-AS1	0.391671255
Kawasaki disease	22	KCTD21-AS1	0.322706823
Kawasaki disease	23	ADORA2A-AS1	0.31490239
Kawasaki disease	24	ATE1-AS1	0.314251812
Kawasaki disease	25	SERTAD4-AS1	0.272404136
Kawasaki disease	26	JAZF1-AS1	0.271110343
Kawasaki disease	27	HPN-AS1	0.263102193
Kawasaki disease	28	LINC01531	0.25998354
Kawasaki disease	29	GATA3-AS1	0.251214673
Kawasaki disease	30	LINC01098	0.247684734
endometrial cancer	1	HCG27	0.990786889
endometrial cancer	2	GAS5	0.990739227
endometrial cancer	3	SNHG12	0.985741788
endometrial cancer	4	MALAT1	0.956690806
endometrial cancer	5	VLDLR-AS1	0.947192961
endometrial cancer	6	OLMALINC	0.829146426
endometrial cancer	7	PEG3-AS1	0.776908174
endometrial cancer	8	MHRT	0.764903268
endometrial cancer	9	FBXW7-AS1	0.742815031
endometrial cancer	10	LINC00319	0.728051548
endometrial cancer	11	NBR2	0.685235626
endometrial cancer	12	PARD6G-AS1	0.680239832
endometrial cancer	13	NCAM1-AS1	0.650890602
endometrial cancer	14	DSCR9	0.650038844

endometrial cancer	15	LINC00856	0.645753933
endometrial cancer	16	SERTAD4-AS1	0.628130737
endometrial cancer	17	JAZF1-AS1	0.618750222
endometrial cancer	18	IL10RB-AS1	0.616753095
endometrial cancer	19	LMCD1-AS1	0.606895023
endometrial cancer	20	LINC01387	0.584839826
endometrial cancer	21	LINC01588	0.559970908
endometrial cancer	22	TEX41	0.558681576
endometrial cancer	23	PSMB8-AS1	0.537547121
endometrial cancer	24	GATA3-AS1	0.531390689
endometrial cancer	25	LINC01531	0.526906798
endometrial cancer	26	HPN-AS1	0.515243746
endometrial cancer	27	KCTD21-AS1	0.504564281
endometrial cancer	28	ATE1-AS1	0.479874258
endometrial cancer	29	LINC00942	0.468334557
endometrial cancer	30	LINC00336	0.457483514
parasitic infectious disease	1	MIF-AS1	0.771950821
parasitic infectious disease	2	LINC01081	0.578684517
parasitic infectious disease	3	HAS2-AS1	0.564679009
parasitic infectious disease	4	RAD51-AS1	0.551132484
parasitic infectious disease	5	DSCR9	0.538508117
parasitic infectious disease	6	NCAM1-AS1	0.516423412
parasitic infectious disease	7	TEX41	0.495006674
parasitic infectious disease	8	LMCD1-AS1	0.49038673
parasitic infectious disease	9	PARD6G-AS1	0.471534272
parasitic infectious disease	10	IL10RB-AS1	0.42894418
parasitic infectious disease	11	LINC00942	0.413899178
parasitic infectious disease	12	LINC01387	0.36621348
parasitic infectious disease	13	LINC00336	0.366139381
parasitic infectious disease	14	ADORA2A-AS1	0.357115581
parasitic infectious disease	15	LINC00856	0.333830375
parasitic infectious disease	16	SERTAD4-AS1	0.305768974
parasitic infectious disease	17	JAZF1-AS1	0.281376115
parasitic infectious disease	18	MIR22HG	0.271756256
parasitic infectious disease	19	LINC01588	0.264346773
parasitic infectious disease	20	NFIA-AS1	0.249149677
parasitic infectious disease	21	LINC00922	0.229915455
parasitic infectious disease	22	LINC00477	0.229721661
parasitic infectious disease	23	MIR4435-2HG	0.208316596
parasitic infectious disease	24	LINC01098	0.205779537
parasitic infectious disease	25	GATA3-AS1	0.201850436
parasitic infectious disease	26	LINC01531	0.199640123
parasitic infectious disease	27	HPN-AS1	0.199232058
parasitic infectious disease	28	ATE1-AS1	0.196855782
parasitic infectious disease	29	KCTD21-AS1	0.194013422
parasitic infectious disease	30	PSMB8-AS1	0.1922091
Plasmodium falciparum malaria	1	MIF-AS1	0.618808476

Plasmodium falciparum malaria	2	LINC01081	0.605139293
Plasmodium falciparum malaria	3	HAS2-AS1	0.566016531
Plasmodium falciparum malaria	4	RAD51-AS1	0.552569803
Plasmodium falciparum malaria	5	LINC01387	0.548122429
Plasmodium falciparum malaria	6	IL10RB-AS1	0.510334474
Plasmodium falciparum malaria	7	LMCD1-AS1	0.49334122
Plasmodium falciparum malaria	8	NCAM1-AS1	0.484246086
Plasmodium falciparum malaria	9	LINC00336	0.480433461
Plasmodium falciparum malaria	10	HPN-AS1	0.467980467
Plasmodium falciparum malaria	11	GATA3-AS1	0.460939675
Plasmodium falciparum malaria	12	ADORA2A-AS1	0.457625756
Plasmodium falciparum malaria	13	TEX41	0.457184312
Plasmodium falciparum malaria	14	LINC00922	0.441470283
Plasmodium falciparum malaria	15	LINC01531	0.434706876
Plasmodium falciparum malaria	16	LINC00477	0.430215258
Plasmodium falciparum malaria	17	LINC01098	0.425045615
Plasmodium falciparum malaria	18	DSCR9	0.410799045
Plasmodium falciparum malaria	19	LINC01588	0.390330539
Plasmodium falciparum malaria	20	SERTAD4-AS1	0.389236267
Plasmodium falciparum malaria	21	LINC00942	0.386508875
Plasmodium falciparum malaria	22	ATE1-AS1	0.37347178
Plasmodium falciparum malaria	23	MIR4435-2HG	0.366943078
Plasmodium falciparum malaria	24	KCTD21-AS1	0.344610161
Plasmodium falciparum malaria	25	PARD6G-AS1	0.338224585
Plasmodium falciparum malaria	26	JAZF1-AS1	0.334435126
Plasmodium falciparum malaria	27	PSMB8-AS1	0.320649674
Plasmodium falciparum malaria	28	LINC00856	0.304243618
Plasmodium falciparum malaria	29	NFIA-AS1	0.293612596
Plasmodium falciparum malaria	30	HELLPAR	0.292908267
Down syndrome	1	NRON	0.497099073
Down syndrome	2	LINC01081	0.461513146
Down syndrome	3	HAS2-AS1	0.407830856
Down syndrome	4	RAD51-AS1	0.406011359
Down syndrome	5	LINC00942	0.400394633
Down syndrome	6	DSCR9	0.398897794
Down syndrome	7	NCAM1-AS1	0.380180927
Down syndrome	8	LMCD1-AS1	0.376526418
Down syndrome	9	LINC01588	0.368679642
Down syndrome	10	IL10RB-AS1	0.365887164
Down syndrome	11	LINC00856	0.364699378
Down syndrome	12	LINC01387	0.358596113
Down syndrome	13	PARD6G-AS1	0.354586886
Down syndrome	14	MIR22HG	0.349613303
Down syndrome	15	LINC00477	0.340001344
Down syndrome	16	LINC01098	0.32562502
Down syndrome	17	MIR4435-2HG	0.305117585
Down syndrome	18	SERTAD4-AS1	0.29117196

Down syndrome	19	ADORA2A-AS1	0.290680467
Down syndrome	20	PSMB8-AS1	0.26817891
Down syndrome	21	NFIA-AS1	0.261666422
Down syndrome	22	KCTD21-AS1	0.25492953
Down syndrome	23	JAZF1-AS1	0.254475275
Down syndrome	24	ATE1-AS1	0.251796609
Down syndrome	25	LINC00336	0.241970076
Down syndrome	26	HPN-AS1	0.239045926
Down syndrome	27	LINC01531	0.237184267
Down syndrome	28	GATA3-AS1	0.234930682
Down syndrome	29	TEX41	0.231753091
Down syndrome	30	LINC00922	0.231677826
endocrine pancreas disease	1	H19	0.908777018
endocrine pancreas disease	2	KCNQ1OT1	0.906564143
endocrine pancreas disease	3	LINC01081	0.873006096
endocrine pancreas disease	4	RAD51-AS1	0.849118412
endocrine pancreas disease	5	HAS2-AS1	0.774622288
endocrine pancreas disease	6	NCAM1-AS1	0.722279377
endocrine pancreas disease	7	LINC01588	0.65357245
endocrine pancreas disease	8	LMCD1-AS1	0.612573688
endocrine pancreas disease	9	DSCR9	0.58162837
endocrine pancreas disease	10	TEX41	0.566149288
endocrine pancreas disease	11	JAZF1-AS1	0.539950081
endocrine pancreas disease	12	LINC01387	0.496868296
endocrine pancreas disease	13	PARD6G-AS1	0.488346586
endocrine pancreas disease	14	NFIA-AS1	0.447528968
endocrine pancreas disease	15	SERTAD4-AS1	0.436498287
endocrine pancreas disease	16	LINC00856	0.419682735
endocrine pancreas disease	17	ADORA2A-AS1	0.413844793
endocrine pancreas disease	18	IL10RB-AS1	0.399585529
endocrine pancreas disease	19	LINC00336	0.363352358
endocrine pancreas disease	20	LINC00922	0.29984894
endocrine pancreas disease	21	MIR22HG	0.261179891
endocrine pancreas disease	22	GATA3-AS1	0.256882634
endocrine pancreas disease	23	LINC01531	0.25682877
endocrine pancreas disease	24	HPN-AS1	0.230999161
endocrine pancreas disease	25	LINC01098	0.204569732
endocrine pancreas disease	26	LINC00942	0.198939181
endocrine pancreas disease	27	LINC00477	0.192282595
endocrine pancreas disease	28	ATE1-AS1	0.192187109
endocrine pancreas disease	29	MIR4435-2HG	0.17500944
endocrine pancreas disease	30	KCTD21-AS1	0.174378359
blindness	1	CDKN2B-AS1	0.882329216
blindness	2	LINC01081	0.859035858
blindness	3	RAD51-AS1	0.740455597
blindness	4	HAS2-AS1	0.734233765
blindness	5	JAZF1-AS1	0.703990048

blindness	6	TEX41	0.646195681
blindness	7	NFIA-AS1	0.642635003
blindness	8	DSCR9	0.631177781
blindness	9	LINC01387	0.597353538
blindness	10	PARD6G-AS1	0.592576686
blindness	11	LINC00856	0.54616027
blindness	12	LINC01588	0.544958398
blindness	13	LINC00942	0.535839019
blindness	14	IL10RB-AS1	0.532723241
blindness	15	LMCD1-AS1	0.509293059
blindness	16	NCAM1-AS1	0.481891662
blindness	17	SERTAD4-AS1	0.436723049
blindness	18	ADORA2A-AS1	0.426576845
blindness	19	LINC00922	0.385753727
blindness	20	HPN-AS1	0.368695152
blindness	21	LINC00336	0.358669233
blindness	22	LINC01098	0.340553245
blindness	23	ATE1-AS1	0.334762113
blindness	24	KCTD21-AS1	0.300357451
blindness	25	LINC00477	0.290103507
blindness	26	PSMB8-AS1	0.270316248
blindness	27	LINC01531	0.268404801
blindness	28	GATA3-AS1	0.255856837
blindness	29	MIR22HG	0.255856837
blindness	30	MIR4435-2HG	0.218269906
Parkinson's disease	1	ATXN8OS	0.929161589
Parkinson's disease	2	XIST	0.927114529
Parkinson's disease	3	LINC01081	0.855922462
Parkinson's disease	4	HAS2-AS1	0.843108532
Parkinson's disease	5	RAD51-AS1	0.840863397
Parkinson's disease	6	LMCD1-AS1	0.807728365
Parkinson's disease	7	PARD6G-AS1	0.791367297
Parkinson's disease	8	IL10RB-AS1	0.777430983
Parkinson's disease	9	NFIA-AS1	0.768342624
Parkinson's disease	10	LINC00336	0.697418561
Parkinson's disease	11	LINC01387	0.697111163
Parkinson's disease	12	LINC00856	0.683625379
Parkinson's disease	13	TEX41	0.614788649
Parkinson's disease	14	SERTAD4-AS1	0.555817582
Parkinson's disease	15	JAZF1-AS1	0.531771481
Parkinson's disease	16	DSCR9	0.494255342
Parkinson's disease	17	LINC00922	0.479547651
Parkinson's disease	18	LINC01588	0.477615652
Parkinson's disease	19	ADORA2A-AS1	0.472212221
Parkinson's disease	20	NCAM1-AS1	0.447261882
Parkinson's disease	21	MIR22HG	0.428664724
Parkinson's disease	22	HPN-AS1	0.42272589

Parkinson's disease	23	LINC00477	0.354225666
Parkinson's disease	24	GATA3-AS1	0.3470704
Parkinson's disease	25	LINC00942	0.323888625
Parkinson's disease	26	LINC01098	0.321520921
Parkinson's disease	27	PSMB8-AS1	0.307365492
Parkinson's disease	28	KCTD21-AS1	0.27441181
Parkinson's disease	29	ATE1-AS1	0.271206288
Parkinson's disease	30	LINC01531	0.264978661
Machado-Joseph disease	1	LINC01081	0.773204159
Machado-Joseph disease	2	RAD51-AS1	0.731161367
Machado-Joseph disease	3	HAS2-AS1	0.7048692
Machado-Joseph disease	4	LMCD1-AS1	0.702830717
Machado-Joseph disease	5	IL10RB-AS1	0.682642511
Machado-Joseph disease	6	PARD6G-AS1	0.671837432
Machado-Joseph disease	7	LINC01588	0.642355916
Machado-Joseph disease	8	NFIA-AS1	0.630354952
Machado-Joseph disease	9	LINC00336	0.623761392
Machado-Joseph disease	10	LINC01387	0.616649423
Machado-Joseph disease	11	ADORA2A-AS1	0.566609298
Machado-Joseph disease	12	TEX41	0.559191722
Machado-Joseph disease	13	LINC00856	0.550374575
Machado-Joseph disease	14	SERTAD4-AS1	0.549176245
Machado-Joseph disease	15	JAZF1-AS1	0.517758266
Machado-Joseph disease	16	LINC00922	0.494019305
Machado-Joseph disease	17	MIR22HG	0.458499431
Machado-Joseph disease	18	NCAM1-AS1	0.431315717
Machado-Joseph disease	19	DSCR9	0.390651466
Machado-Joseph disease	20	PSMB8-AS1	0.343187681
Machado-Joseph disease	21	LINC00477	0.329439864
Machado-Joseph disease	22	KCTD21-AS1	0.319075367
Machado-Joseph disease	23	GATA3-AS1	0.318545209
Machado-Joseph disease	24	MIR4435-2HG	0.288657715
Machado-Joseph disease	25	ATE1-AS1	0.285568768
Machado-Joseph disease	26	LINC01098	0.274443261
Machado-Joseph disease	27	HPN-AS1	0.270253739
Machado-Joseph disease	28	LINC01531	0.270253739
Machado-Joseph disease	29	LINC00942	0.262451173
Machado-Joseph disease	30	HELLPAR	0.259949517
autosomal dominant cerebellar ataxia	1	ATXN8OS	0.832684012
autosomal dominant cerebellar ataxia	2	LINC01081	0.63098418
autosomal dominant cerebellar ataxia	3	RAD51-AS1	0.630254494
autosomal dominant cerebellar ataxia	4	HAS2-AS1	0.62848854
autosomal dominant cerebellar ataxia	5	LINC00922	0.622504743
autosomal dominant cerebellar ataxia	6	LINC01588	0.605182084
autosomal dominant cerebellar ataxia	7	LMCD1-AS1	0.59967096
autosomal dominant cerebellar ataxia	8	PARD6G-AS1	0.587862855
autosomal dominant cerebellar ataxia	9	IL10RB-AS1	0.583165505



autosomal dominant cerebellar ataxia	10	DSCR9	0.560103918
autosomal dominant cerebellar ataxia	11	ADORA2A-AS1	0.556142383
autosomal dominant cerebellar ataxia	12	NCAM1-AS1	0.52608318
autosomal dominant cerebellar ataxia	13	LINC01387	0.52217941
autosomal dominant cerebellar ataxia	14	LINC00856	0.492005754
autosomal dominant cerebellar ataxia	15	SERTAD4-AS1	0.479494513
autosomal dominant cerebellar ataxia	16	JAZF1-AS1	0.463205799
autosomal dominant cerebellar ataxia	17	MIR22HG	0.455969314
autosomal dominant cerebellar ataxia	18	NFIA-AS1	0.444650135
autosomal dominant cerebellar ataxia	19	LINC00477	0.414797449
autosomal dominant cerebellar ataxia	20	TEX41	0.381557305
autosomal dominant cerebellar ataxia	21	LINC00336	0.372588997
autosomal dominant cerebellar ataxia	22	HPN-AS1	0.34380131
autosomal dominant cerebellar ataxia	23	MIR4435-2HG	0.338210254
autosomal dominant cerebellar ataxia	24	ATE1-AS1	0.323760424
autosomal dominant cerebellar ataxia	25	LINC00942	0.303223398
autosomal dominant cerebellar ataxia	26	KCTD21-AS1	0.298132114
autosomal dominant cerebellar ataxia	27	PSMB8-AS1	0.287068989
autosomal dominant cerebellar ataxia	28	LINC01098	0.285894772
autosomal dominant cerebellar ataxia	29	LINC01531	0.267152482
autosomal dominant cerebellar ataxia	30	GATA3-AS1	0.267152482
disease of cellular proliferation	1	KIRREL3-AS3	0.999929922
disease of cellular proliferation	2	EWSAT1	0.999927232
disease of cellular proliferation	3	CASC15	0.999907665
disease of cellular proliferation	4	BCYRN1	0.999901884
disease of cellular proliferation	5	MIAT	0.999881119
disease of cellular proliferation	6	LINC00472	0.999877408
disease of cellular proliferation	7	NBAT1	0.999877408
disease of cellular proliferation	8	LINC00654	0.999863629
disease of cellular proliferation	9	PTCSC2	0.999861988
disease of cellular proliferation	10	CYTOR	0.999837764
disease of cellular proliferation	11	EGOT	0.999837709
disease of cellular proliferation	12	CASC2	0.999799777
disease of cellular proliferation	13	TUG1	0.999792098
disease of cellular proliferation	14	HCCAT5	0.999792098
disease of cellular proliferation	15	CASC16	0.999792098
disease of cellular proliferation	16	TUSC8	0.999773091
disease of cellular proliferation	17	LINC00032	0.99970956
disease of cellular proliferation	18	HOTAIR	0.999700049
disease of cellular proliferation	19	MIR503HG	0.999605057
disease of cellular proliferation	20	LUCAT1	0.999597542
disease of cellular proliferation	21	DBH-AS1	0.999558961
disease of cellular proliferation	22	PICSAR	0.999536919
disease of cellular proliferation	23	PANDAR	0.997966905
disease of cellular proliferation	24	MIR17HG	0.997880843
disease of cellular proliferation	25	BCAR4	0.997826367
disease of cellular proliferation	26	DISC2	0.991963718

disease of cellular proliferation	27	KCNQ1OT1	0.951727327
disease of cellular proliferation	28	LINC00511	0.948956634
disease of cellular proliferation	29	LINC00974	0.943888197
disease of cellular proliferation	30	TINCR	0.925959897
prostatitis	1	PCA3	0.694727902
prostatitis	2	LINC01081	0.657667768
prostatitis	3	HAS2-AS1	0.588913233
prostatitis	4	RAD51-AS1	0.556128509
prostatitis	5	MIR22HG	0.554311384
prostatitis	6	DSCR9	0.552844418
prostatitis	7	LINC00477	0.548585765
prostatitis	8	ADORA2A-AS1	0.526123952
prostatitis	9	NCAM1-AS1	0.523133138
prostatitis	10	LINC00336	0.495361881
prostatitis	11	PARD6G-AS1	0.494042819
prostatitis	12	LMCD1-AS1	0.474594987
prostatitis	13	LINC01588	0.439280392
prostatitis	14	NFIA-AS1	0.438815394
prostatitis	15	LINC01387	0.359648997
prostatitis	16	TEX41	0.35704133
prostatitis	17	MIR4435-2HG	0.354134252
prostatitis	18	LINC00856	0.348329712
prostatitis	19	IL10RB-AS1	0.336863531
prostatitis	20	PSMB8-AS1	0.336784964
prostatitis	21	LINC01531	0.307568632
prostatitis	22	LINC00922	0.301626785
prostatitis	23	ATE1-AS1	0.29327666
prostatitis	24	SERTAD4-AS1	0.287664674
prostatitis	25	HPN-AS1	0.275914492
prostatitis	26	JAZF1-AS1	0.247649442
prostatitis	27	GATA3-AS1	0.243100694
prostatitis	28	KCTD21-AS1	0.232992302
prostatitis	29	LINC00942	0.199406295
prostatitis	30	LINC01098	0.198500745
Silver-Russell syndrome	1	HLA-F-AS1	0.948494383
Silver-Russell syndrome	2	H19	0.904770674
Silver-Russell syndrome	3	MESTIT1	0.901695925
Silver-Russell syndrome	4	KCNQ1OT1	0.890054143
Silver-Russell syndrome	5	MEG3	0.847832035
Silver-Russell syndrome	6	GHRLOS	0.815718164
Silver-Russell syndrome	7	NCRUPAR	0.811715602
Silver-Russell syndrome	8	CAHM	0.681463346
Silver-Russell syndrome	9	TRERNA1	0.661202504
Silver-Russell syndrome	10	MIR7-3HG	0.656299258
Silver-Russell syndrome	11	RAD51-AS1	0.646421585
Silver-Russell syndrome	12	LINC00602	0.64165767
Silver-Russell syndrome	13	EGOT	0.635000133

Silver-Russell syndrome	14	LINC00974	0.634195374
Silver-Russell syndrome	15	LINC00687	0.632065101
Silver-Russell syndrome	16	CYTOR	0.617108174
Silver-Russell syndrome	17	DBH-AS1	0.614116259
Silver-Russell syndrome	18	MIR194-2HG	0.607624308
Silver-Russell syndrome	19	HCCAT5	0.605917249
Silver-Russell syndrome	20	ADORA2A-AS1	0.59811186
Silver-Russell syndrome	21	COL18A1-AS1	0.590257662
Silver-Russell syndrome	22	LINC-ROR	0.57913547
Silver-Russell syndrome	23	MIR4435-2HG	0.577228153
Silver-Russell syndrome	24	PARTICL	0.569421184
Silver-Russell syndrome	25	LINC-PINT	0.554820737
Silver-Russell syndrome	26	HAND2-AS1	0.541260969
Silver-Russell syndrome	27	CASC15	0.538221635
Silver-Russell syndrome	28	MYCNOS	0.53615906
Silver-Russell syndrome	29	PTCSC2	0.534696619
Silver-Russell syndrome	30	PTCSC3	0.527809161
major depressive disorder	1	PWAR4	0.718326806
major depressive disorder	2	NUP50-AS1	0.705048366
major depressive disorder	3	NFIA-AS1	0.683007883
major depressive disorder	4	ADORA2A-AS1	0.680727812
major depressive disorder	5	MIR4435-2HG	0.602872312
major depressive disorder	6	APTR	0.598923865
major depressive disorder	7	ABALON	0.577490651
major depressive disorder	8	COL18A1-AS1	0.577273221
major depressive disorder	9	GHRLOS	0.569649859
major depressive disorder	10	PARTICL	0.548838028
major depressive disorder	11	AGAP2-AS1	0.545750048
major depressive disorder	12	SAMMSON	0.544715269
major depressive disorder	13	LINC00032	0.541839521
major depressive disorder	14	LINC00654	0.541839521
major depressive disorder	15	PCAT5	0.529068321
major depressive disorder	16	LINC00963	0.521158521
major depressive disorder	17	LUCAT1	0.491509969
major depressive disorder	18	TUSC8	0.485169612
major depressive disorder	19	CAHM	0.458987792
major depressive disorder	20	NCRUPAR	0.455725234
major depressive disorder	21	TRERNA1	0.44529913
major depressive disorder	22	MIR7-3HG	0.440843415
major depressive disorder	23	C5orf66-AS2	0.416362538
major depressive disorder	24	BLACAT1	0.385009844
major depressive disorder	25	LINC00261	0.381994035
major depressive disorder	26	BCAR4	0.373309319
major depressive disorder	27	LINC-ROR	0.36210465
major depressive disorder	28	TDRG1	0.338279677
major depressive disorder	29	LINC00467	0.332165213
major depressive disorder	30	LINC00575	0.326631273

eye and adnexa disease	1	NALT1	0.910548715
eye and adnexa disease	2	CDKN2B-AS1	0.904702403
eye and adnexa disease	3	PISRT1	0.902415902
eye and adnexa disease	4	LINC01628	0.887024576
eye and adnexa disease	5	ERICH1-AS1	0.882047368
eye and adnexa disease	6	MIR100HG	0.865848609
eye and adnexa disease	7	CAHM	0.853045803
eye and adnexa disease	8	NCRUPAR	0.847020778
eye and adnexa disease	9	LUCAT1	0.840933099
eye and adnexa disease	10	TDRG1	0.822509323
eye and adnexa disease	11	EGOT	0.820756741
eye and adnexa disease	12	GHRLOS	0.811722822
eye and adnexa disease	13	PCAT5	0.807367925
eye and adnexa disease	14	LINC00963	0.791018292
eye and adnexa disease	15	TUSC8	0.77971928
eye and adnexa disease	16	MIR7-3HG	0.766810327
eye and adnexa disease	17	TRERNA1	0.74589063
eye and adnexa disease	18	DBH-AS1	0.730556382
eye and adnexa disease	19	HCCAT5	0.719262329
eye and adnexa disease	20	CYTOR	0.718541721
eye and adnexa disease	21	MIR194-2HG	0.696346501
eye and adnexa disease	22	LINC00687	0.694762582
eye and adnexa disease	23	LINC00974	0.694583196
eye and adnexa disease	24	LINC00602	0.683668746
eye and adnexa disease	25	MYCNOS	0.679896401
eye and adnexa disease	26	CASC15	0.671788539
eye and adnexa disease	27	HAND2-AS1	0.657666855
eye and adnexa disease	28	NFIA-AS1	0.655225802
eye and adnexa disease	29	ADORA2A-AS1	0.650220372
eye and adnexa disease	30	COL18A1-AS1	0.645156082
reproductive system disease	1	GAS5	0.998644932
reproductive system disease	2	LINCMD1	0.998591919
reproductive system disease	3	CDKN2B-AS1	0.976691735
reproductive system disease	4	SCHLAP1	0.973815879
reproductive system disease	5	MEG3	0.965787814
reproductive system disease	6	IGF2-AS	0.958787513
reproductive system disease	7	MALAT1	0.957612696
reproductive system disease	8	H19	0.953350037
reproductive system disease	9	PCAT1	0.952670492
reproductive system disease	10	C1QTNF9B-AS1	0.939733869
reproductive system disease	11	PRNCR1	0.93489031
reproductive system disease	12	CBR3-AS1	0.911879909
reproductive system disease	13	LINC00474	0.899243103
reproductive system disease	14	PCA3	0.89609968
reproductive system disease	15	PCGEM1	0.891035855
reproductive system disease	16	LINC01235	0.887894437
reproductive system disease	17	CARMN	0.887690148

reproductive system disease	18	TTTY4	0.882546888
reproductive system disease	19	TSIX	0.881301265
reproductive system disease	20	GNG12-AS1	0.877421011
reproductive system disease	21	COL18A1-AS1	0.87089574
reproductive system disease	22	HAS2-AS1	0.861385538
reproductive system disease	23	DISC1FP1	0.856406381
reproductive system disease	24	PARTICL	0.855654025
reproductive system disease	25	NUP50-AS1	0.84526984
reproductive system disease	26	FAM30A	0.837043391
reproductive system disease	27	LINC00315	0.829212139
reproductive system disease	28	LINC01587	0.828682904
reproductive system disease	29	NFIA-AS1	0.828569826
reproductive system disease	30	PEG3-AS1	0.821533842
disease of mental health	1	LINC00299	0.948350484
disease of mental health	2	PWAR4	0.934205192
disease of mental health	3	LINC00163	0.927945652
disease of mental health	4	DISC2	0.904182085
disease of mental health	5	MIR137HG	0.894773779
disease of mental health	6	HCG9	0.886817363
disease of mental health	7	DAOA-AS1	0.886764156
disease of mental health	8	MCHR2-AS1	0.88174795
disease of mental health	9	CDKN2A-AS1	0.878572632
disease of mental health	10	DSCR10	0.878095936
disease of mental health	11	LINC00271	0.876235551
disease of mental health	12	MIAT	0.868838504
disease of mental health	13	TP53TG1	0.861887129
disease of mental health	14	LINC00687	0.861887129
disease of mental health	15	HCCAT5	0.855789607
disease of mental health	16	DBH-AS1	0.851324406
disease of mental health	17	CYTOR	0.841396365
disease of mental health	18	MIR194-2HG	0.835396365
disease of mental health	19	LINC00602	0.827395349
disease of mental health	20	LINC00974	0.822110356
disease of mental health	21	BCAR4	0.816566797
disease of mental health	22	MIR181A1HG	0.79874056
disease of mental health	23	NCRUPAR	0.792500375
disease of mental health	24	CAHM	0.776155339
disease of mental health	25	NUP50-AS1	0.758852423
disease of mental health	26	TSIX	0.756144054
disease of mental health	27	ABALON	0.738997351
disease of mental health	28	XACT	0.7384382
disease of mental health	29	MIR7-3HG	0.736909631
disease of mental health	30	TRERNA1	0.729909535
mixed cell type cancer	1	H19	0.869309432
mixed cell type cancer	2	MEG3	0.792816791
mixed cell type cancer	3	TEX41	0.726024766
mixed cell type cancer	4	PARD6G-AS1	0.645317014

mixed cell type cancer	5	LINC01387	0.504005372
mixed cell type cancer	6	NCAM1-AS1	0.443256085
mixed cell type cancer	7	LINC00856	0.402623736
mixed cell type cancer	8	DSCR9	0.388438399
mixed cell type cancer	9	SERTAD4-AS1	0.341389161
mixed cell type cancer	10	JAZF1-AS1	0.327391548
mixed cell type cancer	11	LINC00922	0.312660702
mixed cell type cancer	12	LINC01098	0.301713825
mixed cell type cancer	13	LINC00477	0.280994533
mixed cell type cancer	14	IL10RB-AS1	0.256759426
mixed cell type cancer	15	LINC00942	0.248483953
mixed cell type cancer	16	KCTD21-AS1	0.240972795
mixed cell type cancer	17	GATA3-AS1	0.237411574
mixed cell type cancer	18	LINC01531	0.21986758
mixed cell type cancer	19	HPN-AS1	0.212322101
mixed cell type cancer	20	LINC01588	0.211883943
mixed cell type cancer	21	ATE1-AS1	0.205417515
mixed cell type cancer	22	LMCD1-AS1	0.196881551
mixed cell type cancer	23	PSMB8-AS1	0.18529271
mixed cell type cancer	24	LINC00336	0.182081759
mixed cell type cancer	25	LINC00315	0.179315086
mixed cell type cancer	26	NBR2	0.173653154
mixed cell type cancer	27	MIR22HG	0.16903145
mixed cell type cancer	28	ABALON	0.159380501
mixed cell type cancer	29	GHRLOS	0.159080044
mixed cell type cancer	30	APTR	0.159080044
head and neck carcinoma	1	MEG3	0.972714428
head and neck carcinoma	2	UCA1	0.968642689
head and neck carcinoma	3	HOTAIR	0.92911372
head and neck carcinoma	4	GHRLOS	0.878402433
head and neck carcinoma	5	ABALON	0.877854458
head and neck carcinoma	6	MIR4435-2HG	0.827223588
head and neck carcinoma	7	PARTICL	0.799169465
head and neck carcinoma	8	NBR2	0.797924413
head and neck carcinoma	9	COL18A1-AS1	0.781415062
head and neck carcinoma	10	ADORA2A-AS1	0.777829043
head and neck carcinoma	11	PEG3-AS1	0.75570091
head and neck carcinoma	12	VLDLR-AS1	0.749174317
head and neck carcinoma	13	MIR22HG	0.731002656
head and neck carcinoma	14	NFIA-AS1	0.70452387
head and neck carcinoma	15	LINC01587	0.698610815
head and neck carcinoma	16	LINC01081	0.679737142
head and neck carcinoma	17	TTY4	0.650413372
head and neck carcinoma	18	OLMALINC	0.649602189
head and neck carcinoma	19	LINC00315	0.630581739
head and neck carcinoma	20	LINC00479	0.625510834
head and neck carcinoma	21	HAS2-AS1	0.558799546

head and neck carcinoma	22	PCAT4	0.554776562
head and neck carcinoma	23	DIO3OS	0.548517834
head and neck carcinoma	24	GNG12-AS1	0.525860761
head and neck carcinoma	25	LINC00319	0.524481743
head and neck carcinoma	26	JAZF1-AS1	0.500827369
head and neck carcinoma	27	SERTAD4-AS1	0.495710192
head and neck carcinoma	28	KCTD21-AS1	0.469178575
head and neck carcinoma	29	LINC00856	0.462981853
head and neck carcinoma	30	GATA3-AS1	0.460509321
urticaria	1	HCP5	0.906841218
urticaria	2	LINC01081	0.857862892
urticaria	3	HAS2-AS1	0.827768026
urticaria	4	RAD51-AS1	0.794780981
urticaria	5	DSCR9	0.772946902
urticaria	6	LINC01588	0.694463971
urticaria	7	TEX41	0.668750634
urticaria	8	NCAM1-AS1	0.597853126
urticaria	9	PARD6G-AS1	0.593833334
urticaria	10	LMCD1-AS1	0.563649685
urticaria	11	NFIA-AS1	0.500760662
urticaria	12	JAZF1-AS1	0.441336244
urticaria	13	IL10RB-AS1	0.435424592
urticaria	14	LINC00336	0.425203986
urticaria	15	LINC01387	0.424748021
urticaria	16	ADORA2A-AS1	0.410729725
urticaria	17	LINC00856	0.394617469
urticaria	18	MIR22HG	0.381785162
urticaria	19	LINC00477	0.355718496
urticaria	20	SERTAD4-AS1	0.349411008
urticaria	21	GATA3-AS1	0.302568072
urticaria	22	LINC01098	0.260832219
urticaria	23	LINC01531	0.240962202
urticaria	24	HPN-AS1	0.231085956
urticaria	25	LINC00942	0.225623192
urticaria	26	LINC00922	0.200379037
urticaria	27	ATE1-AS1	0.194059581
urticaria	28	KCTD21-AS1	0.186868888
urticaria	29	MIR4435-2HG	0.166961977
urticaria	30	PSMB8-AS1	0.162495775
cognitive disorder	1	DAOA-AS1	0.938486528
cognitive disorder	2	LINC00271	0.895198973
cognitive disorder	3	HAR1A	0.894503696
cognitive disorder	4	HCG9	0.883913129
cognitive disorder	5	MCHR2-AS1	0.882150837
cognitive disorder	6	DISC2	0.877285208
cognitive disorder	7	MIAT	0.876355473
cognitive disorder	8	MIR137HG	0.868885481

cognitive disorder	9	DSCR10	0.865771362
cognitive disorder	10	CDKN2A-AS1	0.865246742
cognitive disorder	11	PWAR4	0.864659813
cognitive disorder	12	ABALON	0.858218841
cognitive disorder	13	CASC8	0.857841127
cognitive disorder	14	PEG3-AS1	0.852990019
cognitive disorder	15	HAS2-AS1	0.852449059
cognitive disorder	16	MIR181A1HG	0.851734803
cognitive disorder	17	LINC00479	0.835758594
cognitive disorder	18	NFIA-AS1	0.832834434
cognitive disorder	19	HELLPAR	0.832834434
cognitive disorder	20	COL18A1-AS1	0.827011705
cognitive disorder	21	PARTICL	0.82195513
cognitive disorder	22	LINC00293	0.820240072
cognitive disorder	23	NUP50-AS1	0.819471706
cognitive disorder	24	LINC00273	0.810681632
cognitive disorder	25	LINC01081	0.80839549
cognitive disorder	26	ADORA2A-AS1	0.806335927
cognitive disorder	27	NORAD	0.801761617
cognitive disorder	28	TSIX	0.801561154
cognitive disorder	29	LINC01587	0.79711853
cognitive disorder	30	XACT	0.796434262
mental depression	1	PWAR4	0.657497424
mental depression	2	COL18A1-AS1	0.650418686
mental depression	3	GHRLOS	0.643437637
mental depression	4	ADORA2A-AS1	0.611829276
mental depression	5	APTR	0.611185165
mental depression	6	MIR4435-2HG	0.609856386
mental depression	7	PWAR5	0.599867523
mental depression	8	ABALON	0.579415632
mental depression	9	PARTICL	0.56828187
mental depression	10	NFIA-AS1	0.542138492
mental depression	11	LINC00974	0.539717592
mental depression	12	LINC00602	0.537845087
mental depression	13	CYTOR	0.535521076
mental depression	14	HCCAT5	0.53204461
mental depression	15	LINC00687	0.529033157
mental depression	16	MIR194-2HG	0.526985571
mental depression	17	DBH-AS1	0.5088418
mental depression	18	EGOT	0.5048418
mental depression	19	TTY4	0.487729929
mental depression	20	MIR22HG	0.485496217
mental depression	21	MIR99AHG	0.463498451
mental depression	22	LINC01587	0.455033728
mental depression	23	TRERNA1	0.435203223
mental depression	24	MIR7-3HG	0.420893202
mental depression	25	LINC00479	0.420424463



mental depression	26	RAD51-AS1	0.414837639
mental depression	27	CAHM	0.399928464
mental depression	28	NCRUPAR	0.395579541
mental depression	29	PTCSC2	0.381739037
mental depression	30	PTCSC3	0.380784586
integumentary system disease	1	HCP5	0.951771359
integumentary system disease	2	PRINS	0.94268928
integumentary system disease	3	PSORS1C3	0.898425007
integumentary system disease	4	PVT1	0.84821102
integumentary system disease	5	SPRY4-IT1	0.844438603
integumentary system disease	6	WT1-AS	0.801723219
integumentary system disease	7	BCAR4	0.756310654
integumentary system disease	8	C5orf66-AS2	0.71997594
integumentary system disease	9	LINC00261	0.711774242
integumentary system disease	10	BLACAT1	0.69711767
integumentary system disease	11	LINC00963	0.690004959
integumentary system disease	12	PCAT5	0.684708443
integumentary system disease	13	CAHM	0.674875453
integumentary system disease	14	NCRUPAR	0.673137124
integumentary system disease	15	TRERNA1	0.666527312
integumentary system disease	16	MIR7-3HG	0.661609402
integumentary system disease	17	LINC-PINT	0.648419858
integumentary system disease	18	EGOT	0.639527012
integumentary system disease	19	TUSC8	0.63895683
integumentary system disease	20	LUCAT1	0.622569248
integumentary system disease	21	LINC00312	0.62251752
integumentary system disease	22	HNF1A-AS1	0.621004945
integumentary system disease	23	LINC-ROR	0.619095808
integumentary system disease	24	NPTN-IT1	0.619095808
integumentary system disease	25	LINC01426	0.616244477
integumentary system disease	26	CDR1-AS	0.602940238
integumentary system disease	27	FAM83H-AS1	0.592977227
integumentary system disease	28	LINC01024	0.590963947
integumentary system disease	29	TARID	0.584972414
integumentary system disease	30	DBH-AS1	0.582999641
lymphadenitis	1	THRIL	0.570091704
lymphadenitis	2	LINC01081	0.566794169
lymphadenitis	3	RAD51-AS1	0.530761388
lymphadenitis	4	HAS2-AS1	0.523235914
lymphadenitis	5	LINC01387	0.457891211
lymphadenitis	6	NCAM1-AS1	0.456145925
lymphadenitis	7	JAZF1-AS1	0.450866403
lymphadenitis	8	SERTAD4-AS1	0.450529793
lymphadenitis	9	LMCD1-AS1	0.42968942
lymphadenitis	10	PARD6G-AS1	0.423434297
lymphadenitis	11	LINC01588	0.41863682
lymphadenitis	12	LINC00942	0.407091036

lymphadenitis	13	NFIA-AS1	0.391421206
lymphadenitis	14	LINC00856	0.38816322
lymphadenitis	15	LINC00336	0.372589411
lymphadenitis	16	ADORA2A-AS1	0.355751979
lymphadenitis	17	IL10RB-AS1	0.327685122
lymphadenitis	18	LINC00477	0.324428957
lymphadenitis	19	LINC00922	0.322671482
lymphadenitis	20	TEX41	0.319519786
lymphadenitis	21	MIR4435-2HG	0.296831319
lymphadenitis	22	GATA3-AS1	0.291732196
lymphadenitis	23	LINC01531	0.289762531
lymphadenitis	24	HPN-AS1	0.285090285
lymphadenitis	25	DSCR9	0.272902391
lymphadenitis	26	ATE1-AS1	0.266025986
lymphadenitis	27	KCTD21-AS1	0.25301296
lymphadenitis	28	MIR22HG	0.2368862
lymphadenitis	29	PSMB8-AS1	0.236847917
lymphadenitis	30	LINC01098	0.233400166
breast cancer	1	XIST	0.997554669
breast cancer	2	SOX2-OT	0.996510697
breast cancer	3	BCYRN1	0.995868833
breast cancer	4	SPRY4-IT1	0.993378565
breast cancer	5	LINC00472	0.992418103
breast cancer	6	ZFAS1	0.988346291
breast cancer	7	HOTAIR	0.983366962
breast cancer	8	LINC-PINT	0.982240811
breast cancer	9	MALAT1	0.978937223
breast cancer	10	GAS5	0.966310775
breast cancer	11	CDKN2B-AS1	0.950735298
breast cancer	12	LINC-ROR	0.944034589
breast cancer	13	LSINCT5	0.928608093
breast cancer	14	MIR124-2HG	0.923348713
breast cancer	15	CCAT1	0.919834386
breast cancer	16	AFAP1-AS1	0.912464382
breast cancer	17	CASC16	0.905870336
breast cancer	18	NBAT1	0.899857928
breast cancer	19	PVT1	0.897347321
breast cancer	20	EGOT	0.889096211
breast cancer	21	CCAT2	0.880354491
breast cancer	22	PANDAR	0.880354491
breast cancer	23	KCNQ1OT1	0.878961553
breast cancer	24	UCA1	0.878961553
breast cancer	25	CARMN	0.86798014
breast cancer	26	LINC01588	0.86600967
breast cancer	27	LINC00319	0.862635068
breast cancer	28	DSCR9	0.853698921
breast cancer	29	HELLPAR	0.845195378

breast cancer	30	MIR22HG	0.845176095
cancer	1	KIRREL3-AS3	0.999964931
cancer	2	SAMMSON	0.99993624
cancer	3	LINC00654	0.999927232
cancer	4	HCP5	0.999901884
cancer	5	CYTOR	0.999894398
cancer	6	DLEU2	0.999879001
cancer	7	LINC00511	0.999877408
cancer	8	BCYRN1	0.999871013
cancer	9	PTCSC2	0.999863629
cancer	10	HCCAT5	0.999861988
cancer	11	CASC16	0.999840808
cancer	12	TUSC8	0.999792098
cancer	13	XIST	0.999792098
cancer	14	DANCR	0.999791494
cancer	15	DISC2	0.999785464
cancer	16	MIR503HG	0.999777779
cancer	17	C5orf66-AS2	0.999773091
cancer	18	TDRG1	0.999605057
cancer	19	HOTAIR	0.999558961
cancer	20	DBH-AS1	0.999558961
cancer	21	MEG3	0.999537257
cancer	22	PANDAR	0.997867895
cancer	23	MIR17HG	0.997826367
cancer	24	GHET1	0.997553474
cancer	25	LINC00467	0.99745133
cancer	26	EPB41L4A-AS1	0.980448038
cancer	27	LUCAT1	0.970830786
cancer	28	HAND2-AS1	0.966639896
cancer	29	CASC15	0.84351219
cancer	30	LINC01556	0.834515452
glaucoma	1	LINC01081	0.934147117
glaucoma	2	HAS2-AS1	0.869195012
glaucoma	3	RAD51-AS1	0.834471078
glaucoma	4	LINC00942	0.73873622
glaucoma	5	TEX41	0.735174309
glaucoma	6	SERTAD4-AS1	0.686629944
glaucoma	7	LMCD1-AS1	0.657325266
glaucoma	8	IL10RB-AS1	0.599411858
glaucoma	9	LINC00336	0.575279087
glaucoma	10	NFIA-AS1	0.562597815
glaucoma	11	DSCR9	0.534312932
glaucoma	12	MIR22HG	0.525278097
glaucoma	13	LINC01387	0.511558009
glaucoma	14	ADORA2A-AS1	0.505893843
glaucoma	15	LINC00922	0.50409452
glaucoma	16	LINC00856	0.496133105

glaucoma	17	PARD6G-AS1	0.458021642
glaucoma	18	LINC01588	0.420239701
glaucoma	19	NCAM1-AS1	0.409618399
glaucoma	20	LINC01098	0.383136224
glaucoma	21	GATA3-AS1	0.347469446
glaucoma	22	LINC01531	0.339356331
glaucoma	23	HPN-AS1	0.308020774
glaucoma	24	ATE1-AS1	0.304085809
glaucoma	25	KCTD21-AS1	0.278258078
glaucoma	26	LINC00477	0.277952658
glaucoma	27	PSMB8-AS1	0.275461469
glaucoma	28	JAZF1-AS1	0.275461469
glaucoma	29	MIR4435-2HG	0.26773607
glaucoma	30	HELLPAR	0.26227258
musculoskeletal system disease	1	GAS5	0.983686276
musculoskeletal system disease	2	DANCR	0.957019846
musculoskeletal system disease	3	LINCMD1	0.890521731
musculoskeletal system disease	4	H19	0.883982418
musculoskeletal system disease	5	HOTAIR	0.877287598
musculoskeletal system disease	6	MIR155HG	0.836248505
musculoskeletal system disease	7	LUCAT1	0.832583129
musculoskeletal system disease	8	PCAT5	0.830842905
musculoskeletal system disease	9	LINC00963	0.774562891
musculoskeletal system disease	10	CAHM	0.761408511
musculoskeletal system disease	11	NCRUPAR	0.675521294
musculoskeletal system disease	12	MIR7-3HG	0.661567772
musculoskeletal system disease	13	TRERNA1	0.657312732
musculoskeletal system disease	14	TUSC8	0.647216036
musculoskeletal system disease	15	CDR1-AS	0.634337738
musculoskeletal system disease	16	FAM83H-AS1	0.614969759
musculoskeletal system disease	17	TARID	0.598694807
musculoskeletal system disease	18	LINC01024	0.597955486
musculoskeletal system disease	19	LINC00687	0.591995175
musculoskeletal system disease	20	HCCAT5	0.552524131
musculoskeletal system disease	21	CYTOR	0.550355559
musculoskeletal system disease	22	LINC00974	0.546199597
musculoskeletal system disease	23	DBH-AS1	0.540668325
musculoskeletal system disease	24	MIR194-2HG	0.538389214
musculoskeletal system disease	25	LINC00602	0.527887964
musculoskeletal system disease	26	TDRG1	0.527887964
musculoskeletal system disease	27	LINC00261	0.515862424
musculoskeletal system disease	28	C5orf66-AS2	0.515570486
musculoskeletal system disease	29	BLACAT1	0.506028005
musculoskeletal system disease	30	BCAR4	0.505188053
endocrine gland cancer	1	HOTAIR	0.996735533
endocrine gland cancer	2	NEAT1	0.996671647
endocrine gland cancer	3	PTCSC2	0.995587308

endocrine gland cancer	4	H19	0.989956348
endocrine gland cancer	5	KCNQ1OT1	0.982432339
endocrine gland cancer	6	LINC00663	0.959631142
endocrine gland cancer	7	PTCSC3	0.95945414
endocrine gland cancer	8	LINC-ROR	0.954741436
endocrine gland cancer	9	BANCR	0.952758537
endocrine gland cancer	10	LINC00675	0.947094139
endocrine gland cancer	11	MEG3	0.942206603
endocrine gland cancer	12	HOTTIP	0.923707004
endocrine gland cancer	13	HULC	0.909227264
endocrine gland cancer	14	MIR17HG	0.901002337
endocrine gland cancer	15	AFAP1-AS1	0.895870074
endocrine gland cancer	16	CARMN	0.882301743
endocrine gland cancer	17	TTTY4	0.873763001
endocrine gland cancer	18	LINC00319	0.869532093
endocrine gland cancer	19	CADM3-AS1	0.868867074
endocrine gland cancer	20	NFIA-AS1	0.860495811
endocrine gland cancer	21	B3GALT5-AS1	0.856357459
endocrine gland cancer	22	LINC00479	0.841204791
endocrine gland cancer	23	LINC00575	0.839400677
endocrine gland cancer	24	LINC00315	0.838019858
endocrine gland cancer	25	LINC01081	0.83322544
endocrine gland cancer	26	PWRN1	0.832587118
endocrine gland cancer	27	GHRLOS	0.832587118
endocrine gland cancer	28	MIR22HG	0.831558353
endocrine gland cancer	29	HELLPAR	0.830858395
endocrine gland cancer	30	LINC01235	0.829121032
squamous cell carcinoma	1	HOTAIR	0.998551292
squamous cell carcinoma	2	MALAT1	0.998543778
squamous cell carcinoma	3	UCA1	0.997977176
squamous cell carcinoma	4	CDKN2B-AS1	0.985822052
squamous cell carcinoma	5	HOTTIP	0.985729549
squamous cell carcinoma	6	CCAT2	0.962486293
squamous cell carcinoma	7	C5orf66-AS1	0.952970875
squamous cell carcinoma	8	NEAT1	0.935201902
squamous cell carcinoma	9	ZEB1-AS1	0.925620437
squamous cell carcinoma	10	MEG3	0.922025148
squamous cell carcinoma	11	TINCR	0.91394683
squamous cell carcinoma	12	LINC00319	0.908339805
squamous cell carcinoma	13	OLMALINC	0.892541704
squamous cell carcinoma	14	PEG3-AS1	0.892189728
squamous cell carcinoma	15	LINC01235	0.882418657
squamous cell carcinoma	16	VLDLR-AS1	0.800240818
squamous cell carcinoma	17	FAM30A	0.772964916
squamous cell carcinoma	18	DBET	0.769360157
squamous cell carcinoma	19	FMR1-AS1	0.701273051
squamous cell carcinoma	20	CADM3-AS1	0.685699266

squamous cell carcinoma	21	LINC00273	0.648543194
squamous cell carcinoma	22	TTY4	0.614060437
squamous cell carcinoma	23	NFIA-AS1	0.607127119
squamous cell carcinoma	24	LINC01081	0.584254915
squamous cell carcinoma	25	PWAR5	0.577720622
squamous cell carcinoma	26	LINC00479	0.561226142
squamous cell carcinoma	27	LINC00575	0.560019161
squamous cell carcinoma	28	LINC00315	0.558028978
squamous cell carcinoma	29	PWRN1	0.555994115
squamous cell carcinoma	30	LINC01184	0.542479218
cardiovascular cancer	1	H19	0.849535859
cardiovascular cancer	2	VLDLR-AS1	0.827990694
cardiovascular cancer	3	OLMALINC	0.788182621
cardiovascular cancer	4	PEG3-AS1	0.735176868
cardiovascular cancer	5	LINC00319	0.631068601
cardiovascular cancer	6	FBXW7-AS1	0.554962913
cardiovascular cancer	7	MHRT	0.546452797
cardiovascular cancer	8	ABALON	0.531065755
cardiovascular cancer	9	LINC00479	0.529577714
cardiovascular cancer	10	MEG8	0.529248848
cardiovascular cancer	11	NORAD	0.49960368
cardiovascular cancer	12	ADORA2A-AS1	0.49145026
cardiovascular cancer	13	LINC01587	0.47598745
cardiovascular cancer	14	NBR2	0.466572947
cardiovascular cancer	15	DSCR10	0.459196858
cardiovascular cancer	16	MIR137HG	0.42667982
cardiovascular cancer	17	TTY4	0.418400141
cardiovascular cancer	18	PARTICL	0.414175081
cardiovascular cancer	19	APTR	0.413985155
cardiovascular cancer	20	MIR4435-2HG	0.409985155
cardiovascular cancer	21	FMR1-AS1	0.406930096
cardiovascular cancer	22	DIO3OS	0.398524872
cardiovascular cancer	23	HAS2-AS1	0.395383701
cardiovascular cancer	24	NFIA-AS1	0.391340291
cardiovascular cancer	25	LINC01081	0.38979267
cardiovascular cancer	26	LRRC3DN	0.387442462
cardiovascular cancer	27	RAD51-AS1	0.386552132
cardiovascular cancer	28	MESTIT1	0.383742245
cardiovascular cancer	29	GNG12-AS1	0.381268622
cardiovascular cancer	30	LINC01235	0.374065791
vascular disease	1	MIR17HG	0.995781673
vascular disease	2	IL12A-AS1	0.992110542
vascular disease	3	ESRG	0.990945872
vascular disease	4	MALAT1	0.987223306
vascular disease	5	H19	0.946634085
vascular disease	6	CDKN2B-AS1	0.944936969
vascular disease	7	CDKN2A-AS1	0.928485818

vascular disease	8	TP53COR1	0.928258148
vascular disease	9	KCNQ1OT1	0.910959804
vascular disease	10	MIAT	0.896134605
vascular disease	11	LINC00479	0.886097928
vascular disease	12	ADORA2A-AS1	0.855248515
vascular disease	13	ABALON	0.850810336
vascular disease	14	XACT	0.847836766
vascular disease	15	PARTICL	0.844400731
vascular disease	16	LINC00315	0.836294601
vascular disease	17	RAD51-AS1	0.810864632
vascular disease	18	HELLPAR	0.798678502
vascular disease	19	CARMN	0.792111827
vascular disease	20	TTY4	0.79070733
vascular disease	21	NFIA-AS1	0.790287109
vascular disease	22	ZNF667-AS1	0.78803976
vascular disease	23	GPR1-AS	0.781803426
vascular disease	24	NUP50-AS1	0.770220379
vascular disease	25	GHRLOS	0.742256897
vascular disease	26	GNG12-AS1	0.719504669
vascular disease	27	HAS2-AS1	0.695954176
vascular disease	28	COPG2IT1	0.677361436
vascular disease	29	COL18A1-AS1	0.671206691
vascular disease	30	TSIX	0.656145584
thyroid cancer	1	PTCSC2	0.9626397
thyroid cancer	2	HOTAIR	0.953365608
thyroid cancer	3	BANCR	0.92270282
thyroid cancer	4	HULC	0.866407488
thyroid cancer	5	MEG3	0.855125651
thyroid cancer	6	LINC00663	0.834470798
thyroid cancer	7	H19	0.825577895
thyroid cancer	8	PEG3-AS1	0.813705821
thyroid cancer	9	OLMALINC	0.804503585
thyroid cancer	10	VLDLR-AS1	0.797014929
thyroid cancer	11	LINC00319	0.782833403
thyroid cancer	12	LINC01235	0.769718414
thyroid cancer	13	DISC1FP1	0.75940724
thyroid cancer	14	FAM30A	0.753018134
thyroid cancer	15	ZNF667-AS1	0.751649662
thyroid cancer	16	ADORA2A-AS1	0.749013488
thyroid cancer	17	LINC00315	0.743438956
thyroid cancer	18	HAS2-AS1	0.740363172
thyroid cancer	19	PCAT4	0.723913348
thyroid cancer	20	MIR181A1HG	0.697279427
thyroid cancer	21	FBXW7-AS1	0.695877218
thyroid cancer	22	NORAD	0.695877218
thyroid cancer	23	APTR	0.695877218
thyroid cancer	24	FMR1-AS1	0.690232465

thyroid cancer	25	LINC00273	0.67978277
thyroid cancer	26	LINC01081	0.673160623
thyroid cancer	27	PWAR5	0.672862486
thyroid cancer	28	LINC00479	0.668468687
thyroid cancer	29	HELLPAR	0.667170273
thyroid cancer	30	NFIA-AS1	0.665919582
pericarditis	1	LINC01081	0.908374775
pericarditis	2	HAS2-AS1	0.845645061
pericarditis	3	RAD51-AS1	0.818388085
pericarditis	4	IL10RB-AS1	0.815863097
pericarditis	5	PARD6G-AS1	0.810293315
pericarditis	6	NFIA-AS1	0.774550581
pericarditis	7	LINC01387	0.704513457
pericarditis	8	LINC00856	0.672382967
pericarditis	9	LINC01588	0.64404726
pericarditis	10	LINC00477	0.624551142
pericarditis	11	MIR4435-2HG	0.620282249
pericarditis	12	LINC01098	0.475154498
pericarditis	13	SERTAD4-AS1	0.440270416
pericarditis	14	JAZF1-AS1	0.434828681
pericarditis	15	ADORA2A-AS1	0.42540007
pericarditis	16	DSCR9	0.419338492
pericarditis	17	PSMB8-AS1	0.41095176
pericarditis	18	TEX41	0.40270361
pericarditis	19	LINC00922	0.373919632
pericarditis	20	KCTD21-AS1	0.365859887
pericarditis	21	ATE1-AS1	0.339268613
pericarditis	22	MIR22HG	0.324902954
pericarditis	23	LINC00336	0.281763797
pericarditis	24	LINC00942	0.280607061
pericarditis	25	HPN-AS1	0.255528591
pericarditis	26	LINC01531	0.242096492
pericarditis	27	GATA3-AS1	0.234969745
pericarditis	28	LMCD1-AS1	0.221599224
pericarditis	29	NCAM1-AS1	0.217188771
pericarditis	30	HELLPAR	0.209594402
pancreatic cancer	1	H19	0.99513442
pancreatic cancer	2	HOTAIR	0.995069698
pancreatic cancer	3	LINC-ROR	0.993222139
pancreatic cancer	4	LINC00675	0.95038727
pancreatic cancer	5	MIR17HG	0.930065791
pancreatic cancer	6	HOTTIP	0.885757659
pancreatic cancer	7	GAS5	0.87858768
pancreatic cancer	8	DIO3OS	0.867149729
pancreatic cancer	9	TTY2	0.826379144
pancreatic cancer	10	OLMALINC	0.822535981
pancreatic cancer	11	CASC8	0.813300656



pancreatic cancer	12	ZNF667-AS1	0.769803495
pancreatic cancer	13	HAS2-AS1	0.748920134
pancreatic cancer	14	MIR22HG	0.730776747
pancreatic cancer	15	LINC01602	0.729314849
pancreatic cancer	16	NFIA-AS1	0.711738605
pancreatic cancer	17	FAM30A	0.692544158
pancreatic cancer	18	LINC00273	0.648496205
pancreatic cancer	19	LINC00319	0.640134212
pancreatic cancer	20	TTY4	0.633218262
pancreatic cancer	21	CARMN	0.626844337
pancreatic cancer	22	LINC01081	0.616727207
pancreatic cancer	23	RAD51-AS1	0.569050922
pancreatic cancer	24	NBR2	0.566715454
pancreatic cancer	25	HELLPAR	0.530262414
pancreatic cancer	26	ADORA2A-AS1	0.51327785
pancreatic cancer	27	GHRLOS	0.504978614
pancreatic cancer	28	LINC01235	0.496551424
pancreatic cancer	29	XACT	0.489867587
pancreatic cancer	30	VLDLR-AS1	0.488993867
urinary system disease	1	XIST	0.903997677
urinary system disease	2	FALEC	0.90007819
urinary system disease	3	LINC00293	0.880845756
urinary system disease	4	MIR194-2HG	0.863851116
urinary system disease	5	LINC00602	0.860082118
urinary system disease	6	LINC00974	0.840706165
urinary system disease	7	LINC00687	0.825201613
urinary system disease	8	HCCAT5	0.787012656
urinary system disease	9	DBH-AS1	0.752660776
urinary system disease	10	CYTOR	0.717483603
urinary system disease	11	TRERNA1	0.675329493
urinary system disease	12	MIR7-3HG	0.650397807
urinary system disease	13	SAMMSON	0.582154462
urinary system disease	14	LINC00032	0.493341764
urinary system disease	15	LINC00654	0.47874028
urinary system disease	16	RAD51-AS1	0.476927927
urinary system disease	17	HAS2-AS1	0.463442666
urinary system disease	18	NFIA-AS1	0.462168282
urinary system disease	19	MIR4435-2HG	0.452280816
urinary system disease	20	ADORA2A-AS1	0.447878824
urinary system disease	21	CARMN	0.435977801
urinary system disease	22	DSCR9	0.426783449
urinary system disease	23	NCAM1-AS1	0.420747295
urinary system disease	24	LINC01387	0.419806298
urinary system disease	25	LMCD1-AS1	0.398308705
urinary system disease	26	TEX41	0.390289586
urinary system disease	27	LINC00856	0.366314702
urinary system disease	28	SERTAD4-AS1	0.356451522

urinary system disease	29	JAZF1-AS1	0.354397954
urinary system disease	30	PARD6G-AS1	0.348427237
bone cancer	1	MEG3	0.995409718
bone cancer	2	MALAT1	0.992307789
bone cancer	3	TUSC7	0.984970296
bone cancer	4	MIR17HG	0.969183856
bone cancer	5	BANCR	0.923194978
bone cancer	6	UCA1	0.895890228
bone cancer	7	HOTAIR	0.890815682
bone cancer	8	EWSAT1	0.88431806
bone cancer	9	HULC	0.876096042
bone cancer	10	TUG1	0.864786564
bone cancer	11	LINC00315	0.856366619
bone cancer	12	CADM3-AS1	0.849297838
bone cancer	13	NFIA-AS1	0.840607066
bone cancer	14	GHRLOS	0.838494994
bone cancer	15	DIO3OS	0.83277884
bone cancer	16	PWRN1	0.768146998
bone cancer	17	HAS2-AS1	0.730749826
bone cancer	18	RAD51-AS1	0.720209377
bone cancer	19	NUP50-AS1	0.717858966
bone cancer	20	FAM30A	0.70129065
bone cancer	21	LINC01081	0.699144593
bone cancer	22	LINC00273	0.639742872
bone cancer	23	FMR1-AS1	0.633263943
bone cancer	24	TTY4	0.628447752
bone cancer	25	APTR	0.619532401
bone cancer	26	CARMN	0.618323158
bone cancer	27	DBET	0.61499554
bone cancer	28	DISC1FP1	0.609062703
bone cancer	29	LINC00319	0.604430348
bone cancer	30	VLDLR-AS1	0.595340425
hepatitis C	1	GAS5	0.951805545
hepatitis C	2	LINC01081	0.949573046
hepatitis C	3	HAS2-AS1	0.899030511
hepatitis C	4	RAD51-AS1	0.897952786
hepatitis C	5	ADORA2A-AS1	0.890447834
hepatitis C	6	LINC00922	0.855188021
hepatitis C	7	DSCR9	0.785768931
hepatitis C	8	LINC01588	0.780185145
hepatitis C	9	JAZF1-AS1	0.758890041
hepatitis C	10	SERTAD4-AS1	0.635460911
hepatitis C	11	LINC00477	0.499816754
hepatitis C	12	LINC00856	0.48342559
hepatitis C	13	LMCD1-AS1	0.474243198
hepatitis C	14	IL10RB-AS1	0.470859138
hepatitis C	15	PARD6G-AS1	0.436715111

hepatitis C	16	NCAM1-AS1	0.432971312
hepatitis C	17	LINC01098	0.399698438
hepatitis C	18	LINC01387	0.399609019
hepatitis C	19	TEX41	0.368157441
hepatitis C	20	GATA3-AS1	0.346157825
hepatitis C	21	LINC01531	0.33318721
hepatitis C	22	HPN-AS1	0.297846675
hepatitis C	23	LINC00336	0.281832557
hepatitis C	24	LINC00942	0.27182401
hepatitis C	25	ATE1-AS1	0.27052951
hepatitis C	26	KCTD21-AS1	0.269450406
hepatitis C	27	MIR4435-2HG	0.234333437
hepatitis C	28	NFIA-AS1	0.229874003
hepatitis C	29	PSMB8-AS1	0.222863072
hepatitis C	30	MIR22HG	0.212255737
melanoma	1	SPRY4-IT1	0.998778186
melanoma	2	LINC-PINT	0.998597294
melanoma	3	LINC00032	0.982772374
melanoma	4	H19	0.971679169
melanoma	5	MALAT1	0.971624579
melanoma	6	SAMMSON	0.968562233
melanoma	7	BANCR	0.950903497
melanoma	8	GAS5	0.938384953
melanoma	9	CDKN2B-AS1	0.924618221
melanoma	10	UCA1	0.919243881
melanoma	11	LINC00654	0.910733267
melanoma	12	HOTAIR	0.907217233
melanoma	13	NFIA-AS1	0.902120282
melanoma	14	CADM3-AS1	0.89084065
melanoma	15	TTY4	0.889482012
melanoma	16	CARMN	0.805823218
melanoma	17	LINC00273	0.800068492
melanoma	18	LINC00319	0.789108258
melanoma	19	FAM30A	0.761991404
melanoma	20	NUP50-AS1	0.731350297
melanoma	21	ZNF667-AS1	0.726375238
melanoma	22	LINC00575	0.720845571
melanoma	23	LINC00315	0.705112394
melanoma	24	PWRN1	0.704364518
melanoma	25	LINC01081	0.698457191
melanoma	26	GHRLOS	0.697289428
melanoma	27	MIR22HG	0.695183771
melanoma	28	HELLPAR	0.69359728
melanoma	29	LINC01235	0.690492068
melanoma	30	VLDLR-AS1	0.688494948
Klinefelter's syndrome	1	XIST	0.740881081
Klinefelter's syndrome	2	LINC01081	0.612641952

Klinefelter's syndrome	3	RAD51-AS1	0.590074126
Klinefelter's syndrome	4	HAS2-AS1	0.589185299
Klinefelter's syndrome	5	JAZF1-AS1	0.524293503
Klinefelter's syndrome	6	MIR22HG	0.487918091
Klinefelter's syndrome	7	NCAM1-AS1	0.442385094
Klinefelter's syndrome	8	LMCD1-AS1	0.428997045
Klinefelter's syndrome	9	IL10RB-AS1	0.390847806
Klinefelter's syndrome	10	PARD6G-AS1	0.387834821
Klinefelter's syndrome	11	LINC00922	0.352479811
Klinefelter's syndrome	12	DSCR9	0.3424369
Klinefelter's syndrome	13	NFIA-AS1	0.318678305
Klinefelter's syndrome	14	ADORA2A-AS1	0.314742769
Klinefelter's syndrome	15	LINC01387	0.297743099
Klinefelter's syndrome	16	LINC01588	0.297372757
Klinefelter's syndrome	17	LINC00856	0.275764588
Klinefelter's syndrome	18	LINC00942	0.269538021
Klinefelter's syndrome	19	TEX41	0.25575638
Klinefelter's syndrome	20	SERTAD4-AS1	0.234058716
Klinefelter's syndrome	21	LINC00477	0.198910583
Klinefelter's syndrome	22	GATA3-AS1	0.196824391
Klinefelter's syndrome	23	LINC01531	0.195029954
Klinefelter's syndrome	24	HPN-AS1	0.189477121
Klinefelter's syndrome	25	ATE1-AS1	0.184318432
Klinefelter's syndrome	26	KCTD21-AS1	0.155368292
Klinefelter's syndrome	27	LINC00336	0.153848212
Klinefelter's syndrome	28	PSMB8-AS1	0.153169731
Klinefelter's syndrome	29	MIR4435-2HG	0.140846437
Klinefelter's syndrome	30	LINC01098	0.136052192
reproductive organ cancer	1	BCYRN1	0.986335398
reproductive organ cancer	2	NEAT1	0.985601703
reproductive organ cancer	3	XIST	0.954034011
reproductive organ cancer	4	PCGEM1	0.953311717
reproductive organ cancer	5	GAS5	0.951596458
reproductive organ cancer	6	H19	0.951210165
reproductive organ cancer	7	TDRG1	0.949270031
reproductive organ cancer	8	HOTAIR	0.948329196
reproductive organ cancer	9	LSINCT5	0.948329196
reproductive organ cancer	10	LUCAT1	0.94621366
reproductive organ cancer	11	LINC00961	0.937756646
reproductive organ cancer	12	PCAT5	0.935208895
reproductive organ cancer	13	HOXA11-AS	0.923217798
reproductive organ cancer	14	CCAT1	0.913666261
reproductive organ cancer	15	KCNQ1OT1	0.910030015
reproductive organ cancer	16	TTY15	0.910030015
reproductive organ cancer	17	MALAT1	0.904863587
reproductive organ cancer	18	PCA3	0.903978562
reproductive organ cancer	19	UCA1	0.903826171

reproductive organ cancer	20	EGOT	0.903601308
reproductive organ cancer	21	CTBP1-AS	0.903351336
reproductive organ cancer	22	PRNCR1	0.895895559
reproductive organ cancer	23	MIR503HG	0.894647737
reproductive organ cancer	24	PRINS	0.891874424
reproductive organ cancer	25	LINC00963	0.88528911
reproductive organ cancer	26	HULC	0.885013358
reproductive organ cancer	27	DBET	0.879174009
reproductive organ cancer	28	LINC00273	0.879174009
reproductive organ cancer	29	TTY4	0.864883063
reproductive organ cancer	30	LINC01081	0.864883063
atherosclerosis	1	TP53COR1	0.98122714
atherosclerosis	2	CDKN2B-AS1	0.93687237
atherosclerosis	3	LINC01081	0.930993222
atherosclerosis	4	RAD51-AS1	0.903951658
atherosclerosis	5	HAS2-AS1	0.85003411
atherosclerosis	6	DSCR9	0.823968733
atherosclerosis	7	LINC00922	0.724539818
atherosclerosis	8	TEX41	0.714693578
atherosclerosis	9	LINC00477	0.703251621
atherosclerosis	10	SERTAD4-AS1	0.624210545
atherosclerosis	11	NFIA-AS1	0.576450319
atherosclerosis	12	LINC00856	0.515445846
atherosclerosis	13	MIR22HG	0.499861953
atherosclerosis	14	IL10RB-AS1	0.470723074
atherosclerosis	15	PARD6G-AS1	0.427321001
atherosclerosis	16	NCAM1-AS1	0.405895081
atherosclerosis	17	MIR4435-2HG	0.403113978
atherosclerosis	18	LINC01387	0.379362536
atherosclerosis	19	PSMB8-AS1	0.371905322
atherosclerosis	20	LINC00336	0.365612371
atherosclerosis	21	LINC01588	0.346251319
atherosclerosis	22	JAZF1-AS1	0.337860695
atherosclerosis	23	KCTD21-AS1	0.337725036
atherosclerosis	24	ATE1-AS1	0.328315136
atherosclerosis	25	ADORA2A-AS1	0.301706319
atherosclerosis	26	LINC00942	0.280296644
atherosclerosis	27	HPN-AS1	0.278302041
atherosclerosis	28	LINC01531	0.273159156
atherosclerosis	29	GATA3-AS1	0.260144243
atherosclerosis	30	LINC01098	0.251096867
leiomyosarcoma	1	PCA3	0.774361432
leiomyosarcoma	2	VLDLR-AS1	0.648186455
leiomyosarcoma	3	OLMALINC	0.627052994
leiomyosarcoma	4	LINC00922	0.625750596
leiomyosarcoma	5	JAZF1-AS1	0.472226126
leiomyosarcoma	6	SERTAD4-AS1	0.433724245

leiomyosarcoma	7	LINC00856	0.425688655
leiomyosarcoma	8	LINC00336	0.398092725
leiomyosarcoma	9	LINC01387	0.389855225
leiomyosarcoma	10	TEX41	0.381170574
leiomyosarcoma	11	PSMB8-AS1	0.361256601
leiomyosarcoma	12	PARD6G-AS1	0.354477934
leiomyosarcoma	13	LINC01098	0.344707276
leiomyosarcoma	14	DSCR9	0.332734332
leiomyosarcoma	15	NCAM1-AS1	0.308974186
leiomyosarcoma	16	IL10RB-AS1	0.297079212
leiomyosarcoma	17	LMCD1-AS1	0.289082348
leiomyosarcoma	18	KCTD21-AS1	0.271714841
leiomyosarcoma	19	LINC01588	0.265235055
leiomyosarcoma	20	ATE1-AS1	0.261089012
leiomyosarcoma	21	LINC00942	0.2519404
leiomyosarcoma	22	GATA3-AS1	0.246792945
leiomyosarcoma	23	HPN-AS1	0.244884272
leiomyosarcoma	24	LINC01531	0.226131134
leiomyosarcoma	25	LINC00477	0.223339593
leiomyosarcoma	26	FBXW7-AS1	0.220764342
leiomyosarcoma	27	LINC00472	0.209613049
leiomyosarcoma	28	LINC00319	0.205438459
leiomyosarcoma	29	LOXL1-AS1	0.202740194
leiomyosarcoma	30	GPR1-AS	0.191557126
connective tissue cancer	1	MIR17HG	0.969113794
connective tissue cancer	2	GAS5	0.941988242
connective tissue cancer	3	PVT1	0.92754846
connective tissue cancer	4	HOTTIP	0.926313077
connective tissue cancer	5	HCG4	0.90579535
connective tissue cancer	6	TUSC7	0.856897997
connective tissue cancer	7	MALAT1	0.833889314
connective tissue cancer	8	MEG3	0.825781801
connective tissue cancer	9	UCA1	0.816002193
connective tissue cancer	10	TUG1	0.806640589
connective tissue cancer	11	EWSAT1	0.800109313
connective tissue cancer	12	TTY4	0.790341434
connective tissue cancer	13	RAD51-AS1	0.785569551
connective tissue cancer	14	FAM30A	0.770989004
connective tissue cancer	15	LINC00273	0.767571544
connective tissue cancer	16	LINC01081	0.749625645
connective tissue cancer	17	HAS2-AS1	0.708644445
connective tissue cancer	18	MIR22HG	0.674733806
connective tissue cancer	19	NFIA-AS1	0.669925091
connective tissue cancer	20	LINC01602	0.66349869
connective tissue cancer	21	OLMALINC	0.661397703
connective tissue cancer	22	LINC00319	0.658188681
connective tissue cancer	23	PWAR5	0.645004928

connective tissue cancer	24	DBET	0.643004928
connective tissue cancer	25	DISC1FP1	0.641085826
connective tissue cancer	26	LINC00479	0.633697842
connective tissue cancer	27	LINC00575	0.633512842
connective tissue cancer	28	VLDLR-AS1	0.633512842
connective tissue cancer	29	LINC01235	0.633070467
connective tissue cancer	30	LINC00315	0.632793966
hyperinsulinism	1	H19	0.931948762
hyperinsulinism	2	LINC01081	0.898459698
hyperinsulinism	3	RAD51-AS1	0.767748566
hyperinsulinism	4	HAS2-AS1	0.75589336
hyperinsulinism	5	LINC00942	0.733885347
hyperinsulinism	6	MIR22HG	0.68073491
hyperinsulinism	7	LINC00922	0.679235963
hyperinsulinism	8	JAZF1-AS1	0.676813243
hyperinsulinism	9	SERTAD4-AS1	0.546758211
hyperinsulinism	10	LINC00856	0.521467242
hyperinsulinism	11	LINC00336	0.499586553
hyperinsulinism	12	ADORA2A-AS1	0.488027385
hyperinsulinism	13	LINC01387	0.466450095
hyperinsulinism	14	LMCD1-AS1	0.456668209
hyperinsulinism	15	IL10RB-AS1	0.429170679
hyperinsulinism	16	NCAM1-AS1	0.424491187
hyperinsulinism	17	NFIA-AS1	0.390958293
hyperinsulinism	18	PARD6G-AS1	0.374051094
hyperinsulinism	19	LINC00477	0.366797876
hyperinsulinism	20	GATA3-AS1	0.318944872
hyperinsulinism	21	TEX41	0.306820713
hyperinsulinism	22	LINC01531	0.282183727
hyperinsulinism	23	DSCR9	0.268595411
hyperinsulinism	24	HPN-AS1	0.265013452
hyperinsulinism	25	MIR4435-2HG	0.24196376
hyperinsulinism	26	PSMB8-AS1	0.230062703
hyperinsulinism	27	LINC01098	0.219029592
hyperinsulinism	28	LINC01588	0.206261162
hyperinsulinism	29	ATE1-AS1	0.201235676
hyperinsulinism	30	KCTD21-AS1	0.175065843
placenta cancer	1	LINC00629	0.870933289
placenta cancer	2	MIR503HG	0.810177451
placenta cancer	3	VLDLR-AS1	0.801743886
placenta cancer	4	OLMALINC	0.79290988
placenta cancer	5	PEG3-AS1	0.714489317
placenta cancer	6	FBXW7-AS1	0.654331896
placenta cancer	7	PARD6G-AS1	0.601383594
placenta cancer	8	LINC01588	0.563144079
placenta cancer	9	LINC00922	0.545504135
placenta cancer	10	IL10RB-AS1	0.5364906

placenta cancer	11	LMCD1-AS1	0.518069384
placenta cancer	12	DSCR9	0.512950022
placenta cancer	13	NCAM1-AS1	0.487613404
placenta cancer	14	LINC00336	0.482151699
placenta cancer	15	LINC01098	0.478667185
placenta cancer	16	TEX41	0.44213765
placenta cancer	17	LINC00942	0.432853173
placenta cancer	18	JAZF1-AS1	0.430685576
placenta cancer	19	GATA3-AS1	0.403689535
placenta cancer	20	LINC01531	0.391722945
placenta cancer	21	HPN-AS1	0.380222002
placenta cancer	22	KCTD21-AS1	0.369043819
placenta cancer	23	PSMB8-AS1	0.359041702
placenta cancer	24	ATE1-AS1	0.356348859
placenta cancer	25	LINC00856	0.353422694
placenta cancer	26	SERTAD4-AS1	0.351257795
placenta cancer	27	LINC00477	0.325744634
placenta cancer	28	LINC01387	0.325744634
placenta cancer	29	MIR22HG	0.321475994
placenta cancer	30	LINC00319	0.318932504
gestational choriocarcinoma	1	H19	0.86100566
gestational choriocarcinoma	2	LINC01081	0.84888068
gestational choriocarcinoma	3	HAS2-AS1	0.824087324
gestational choriocarcinoma	4	MIR22HG	0.576402665
gestational choriocarcinoma	5	ADORA2A-AS1	0.544402553
gestational choriocarcinoma	6	NFIA-AS1	0.472461308
gestational choriocarcinoma	7	MIR4435-2HG	0.399211096
gestational choriocarcinoma	8	HELLPAR	0.390626358
gestational choriocarcinoma	9	ABALON	0.368054304
gestational choriocarcinoma	10	LINC00336	0.280974215
gestational choriocarcinoma	11	LINC01588	0.256110186
gestational choriocarcinoma	12	DSCR9	0.247104429
gestational choriocarcinoma	13	TEX41	0.231897512
gestational choriocarcinoma	14	LINC00922	0.185295789
gestational choriocarcinoma	15	NCAM1-AS1	0.168645673
gestational choriocarcinoma	16	LINC00856	0.153927686
gestational choriocarcinoma	17	LINC00477	0.150775675
gestational choriocarcinoma	18	LMCD1-AS1	0.14892365
gestational choriocarcinoma	19	IL10RB-AS1	0.139268305
gestational choriocarcinoma	20	LINC01387	0.136294057
gestational choriocarcinoma	21	JAZF1-AS1	0.132728165
gestational choriocarcinoma	22	SERTAD4-AS1	0.124381284
gestational choriocarcinoma	23	PAR6G-AS1	0.123883476
gestational choriocarcinoma	24	LINC00942	0.116639998
gestational choriocarcinoma	25	HPN-AS1	0.116536072
gestational choriocarcinoma	26	ATE1-AS1	0.111541256
gestational choriocarcinoma	27	LINC01531	0.110838142



gestational choriocarcinoma	28	LINC01098	0.108949455
gestational choriocarcinoma	29	PSMB8-AS1	0.106147705
gestational choriocarcinoma	30	KCTD21-AS1	0.105957541
anxiety disorder	1	DAOA-AS1	0.777312982
anxiety disorder	2	LINC01081	0.560406789
anxiety disorder	3	RAD51-AS1	0.549773273
anxiety disorder	4	HAS2-AS1	0.546093669
anxiety disorder	5	JAZF1-AS1	0.53807537
anxiety disorder	6	LINC01387	0.490757304
anxiety disorder	7	LINC00922	0.489707199
anxiety disorder	8	NFIA-AS1	0.4482469
anxiety disorder	9	LINC00336	0.44636402
anxiety disorder	10	ADORA2A-AS1	0.427626625
anxiety disorder	11	PARD6G-AS1	0.421492177
anxiety disorder	12	IL10RB-AS1	0.40833161
anxiety disorder	13	LMCD1-AS1	0.406457134
anxiety disorder	14	NCAM1-AS1	0.381191813
anxiety disorder	15	MIR22HG	0.377055653
anxiety disorder	16	LINC00856	0.373668064
anxiety disorder	17	SERTAD4-AS1	0.3726412
anxiety disorder	18	LINC00477	0.346010717
anxiety disorder	19	LINC00942	0.329362337
anxiety disorder	20	LINC01098	0.327090258
anxiety disorder	21	LINC01588	0.320532794
anxiety disorder	22	PSMB8-AS1	0.300122858
anxiety disorder	23	MIR4435-2HG	0.264893127
anxiety disorder	24	DSCR9	0.263441156
anxiety disorder	25	KCTD21-AS1	0.26078931
anxiety disorder	26	HPN-AS1	0.254179107
anxiety disorder	27	ATE1-AS1	0.249067343
anxiety disorder	28	LINC01531	0.246135386
anxiety disorder	29	GATA3-AS1	0.24563996
anxiety disorder	30	TEX41	0.239995878
communication disorder	1	TP53TG1	0.68463313
communication disorder	2	LINC01081	0.666577092
communication disorder	3	HAS2-AS1	0.635909173
communication disorder	4	RAD51-AS1	0.604435858
communication disorder	5	NFIA-AS1	0.597366369
communication disorder	6	ADORA2A-AS1	0.582350985
communication disorder	7	MIR4435-2HG	0.560494636
communication disorder	8	HELLPAR	0.556623337
communication disorder	9	ABALON	0.549896562
communication disorder	10	LINC00856	0.539824251
communication disorder	11	LINC00477	0.534663542
communication disorder	12	LINC01588	0.524088421
communication disorder	13	DSCR9	0.510861593
communication disorder	14	LINC01387	0.492500968

communication disorder	15	IL10RB-AS1	0.486783722
communication disorder	16	NCAM1-AS1	0.479157981
communication disorder	17	LINC00336	0.478750089
communication disorder	18	PARD6G-AS1	0.472054272
communication disorder	19	LMCD1-AS1	0.459070314
communication disorder	20	TEX41	0.459070314
communication disorder	21	SERTAD4-AS1	0.44859329
communication disorder	22	JAZF1-AS1	0.443626455
communication disorder	23	LINC01098	0.435114346
communication disorder	24	PSMB8-AS1	0.418799844
communication disorder	25	KCTD21-AS1	0.410410241
communication disorder	26	GATA3-AS1	0.396717866
communication disorder	27	ATE1-AS1	0.380129854
communication disorder	28	LINC01531	0.350278947
communication disorder	29	LINC00922	0.330688964
communication disorder	30	LINC00942	0.329080309
hepatitis B	1	MIR17HG	0.950627449
hepatitis B	2	LINC01081	0.936620224
hepatitis B	3	RAD51-AS1	0.900615802
hepatitis B	4	HAS2-AS1	0.89377134
hepatitis B	5	MIR22HG	0.891338114
hepatitis B	6	LINC01588	0.886518754
hepatitis B	7	NCAM1-AS1	0.808192068
hepatitis B	8	IL10RB-AS1	0.803788453
hepatitis B	9	PARD6G-AS1	0.797878578
hepatitis B	10	DSCR9	0.625427547
hepatitis B	11	NFIA-AS1	0.568903344
hepatitis B	12	LINC00922	0.540883215
hepatitis B	13	ADORA2A-AS1	0.537278735
hepatitis B	14	LINC01387	0.532514964
hepatitis B	15	LINC00477	0.503173
hepatitis B	16	LINC01098	0.497944072
hepatitis B	17	MIR4435-2HG	0.44547535
hepatitis B	18	LINC00336	0.429612026
hepatitis B	19	GATA3-AS1	0.388186847
hepatitis B	20	LINC01531	0.367469712
hepatitis B	21	HPN-AS1	0.366416346
hepatitis B	22	JAZF1-AS1	0.363456451
hepatitis B	23	LMCD1-AS1	0.323566142
hepatitis B	24	ATE1-AS1	0.319842224
hepatitis B	25	LINC00942	0.283636242
hepatitis B	26	SERTAD4-AS1	0.280260452
hepatitis B	27	LINC00856	0.280061651
hepatitis B	28	PSMB8-AS1	0.279469197
hepatitis B	29	KCTD21-AS1	0.242148652
hepatitis B	30	TEX41	0.238960383
brain germinoma	1	MIR137HG	0.894253336

brain germinoma	2	DSCR10	0.77329187
brain germinoma	3	LINC00472	0.758007316
brain germinoma	4	HAS2-AS1	0.750691228
brain germinoma	5	VLDLR-AS1	0.649534435
brain germinoma	6	OLMALINC	0.598868187
brain germinoma	7	LINC00319	0.562043066
brain germinoma	8	NFIA-AS1	0.495607663
brain germinoma	9	MIR4435-2HG	0.476085825
brain germinoma	10	ABALON	0.473809951
brain germinoma	11	NBR2	0.39602557
brain germinoma	12	KCTD21-AS1	0.375815425
brain germinoma	13	TEX41	0.373787883
brain germinoma	14	LINC01387	0.367121259
brain germinoma	15	DSCR9	0.349075654
brain germinoma	16	GATA3-AS1	0.333468047
brain germinoma	17	LINC01588	0.322525312
brain germinoma	18	SERTAD4-AS1	0.309139429
brain germinoma	19	JAZF1-AS1	0.298341886
brain germinoma	20	LMCD1-AS1	0.291209789
brain germinoma	21	PARD6G-AS1	0.290711014
brain germinoma	22	IL10RB-AS1	0.28239687
brain germinoma	23	LINC00477	0.277571588
brain germinoma	24	LINC00922	0.273777356
brain germinoma	25	HPN-AS1	0.273018912
brain germinoma	26	LINC00336	0.268361231
brain germinoma	27	LINC01531	0.255862547
brain germinoma	28	LINC00856	0.253947703
brain germinoma	29	ATE1-AS1	0.250149032
brain germinoma	30	LINC01098	0.248914102
malignant ovarian surface epithelial-stromal neoplasm	1	LINC01081	0.948123451
malignant ovarian surface epithelial-stromal neoplasm	2	HAS2-AS1	0.859129831
malignant ovarian surface epithelial-stromal neoplasm	3	MIR4435-2HG	0.832461993
malignant ovarian surface epithelial-stromal neoplasm	4	MIR22HG	0.818888081
malignant ovarian surface epithelial-stromal neoplasm	5	NFIA-AS1	0.546901835
malignant ovarian surface epithelial-stromal neoplasm	6	ADORA2A-AS1	0.540207279
malignant ovarian surface epithelial-stromal neoplasm	7	HELLPAR	0.451252911
malignant ovarian surface epithelial-stromal neoplasm	8	ABALON	0.402972621
malignant ovarian surface epithelial-stromal neoplasm	9	SERTAD4-AS1	0.376881007
malignant ovarian surface epithelial-stromal neoplasm	10	LINC01387	0.347813201
malignant ovarian surface epithelial-stromal neoplasm	11	LINC00477	0.266071093
malignant ovarian surface epithelial-stromal neoplasm	12	IL10RB-AS1	0.251540594
malignant ovarian surface epithelial-stromal neoplasm	13	LMCD1-AS1	0.240011187
malignant ovarian surface epithelial-stromal neoplasm	14	JAZF1-AS1	0.229073825
malignant ovarian surface epithelial-stromal neoplasm	15	LINC00922	0.184627756
malignant ovarian surface epithelial-stromal neoplasm	16	PARD6G-AS1	0.162833433
malignant ovarian surface epithelial-stromal neoplasm	17	NCAM1-AS1	0.162808296
malignant ovarian surface epithelial-stromal neoplasm	18	LINC01588	0.150132429

malignant ovarian surface epithelial-stromal neoplasm	19	LINC00856	0.145840355
malignant ovarian surface epithelial-stromal neoplasm	20	LINC00336	0.138041421
malignant ovarian surface epithelial-stromal neoplasm	21	TEX41	0.13404245
malignant ovarian surface epithelial-stromal neoplasm	22	GATA3-AS1	0.132469803
malignant ovarian surface epithelial-stromal neoplasm	23	LINC01531	0.122540887
malignant ovarian surface epithelial-stromal neoplasm	24	HPN-AS1	0.120014427
malignant ovarian surface epithelial-stromal neoplasm	25	ATE1-AS1	0.117981858
malignant ovarian surface epithelial-stromal neoplasm	26	KCTD21-AS1	0.112528315
malignant ovarian surface epithelial-stromal neoplasm	27	LINC01098	0.110487296
malignant ovarian surface epithelial-stromal neoplasm	28	PSMB8-AS1	0.109348927
malignant ovarian surface epithelial-stromal neoplasm	29	LINC00942	0.102836625
malignant ovarian surface epithelial-stromal neoplasm	30	DSCR9	0.102421078
ovary epithelial cancer	1	H19	0.790747097
ovary epithelial cancer	2	VLDLR-AS1	0.73751883
ovary epithelial cancer	3	OLMALINC	0.727278625
ovary epithelial cancer	4	MIR137HG	0.538666578
ovary epithelial cancer	5	DSCR10	0.432798263
ovary epithelial cancer	6	LINC00477	0.395981075
ovary epithelial cancer	7	TEX41	0.389066769
ovary epithelial cancer	8	SERTAD4-AS1	0.305458949
ovary epithelial cancer	9	NCAM1-AS1	0.294981223
ovary epithelial cancer	10	LINC00336	0.294290458
ovary epithelial cancer	11	IL10RB-AS1	0.261333003
ovary epithelial cancer	12	PARD6G-AS1	0.218970472
ovary epithelial cancer	13	LINC00922	0.210551728
ovary epithelial cancer	14	LINC01387	0.177574086
ovary epithelial cancer	15	JAZF1-AS1	0.164346941
ovary epithelial cancer	16	LMCD1-AS1	0.15874443
ovary epithelial cancer	17	LINC01098	0.156211226
ovary epithelial cancer	18	LINC00856	0.152319761
ovary epithelial cancer	19	ATE1-AS1	0.151037872
ovary epithelial cancer	20	GATA3-AS1	0.149925962
ovary epithelial cancer	21	LINC01531	0.148348251
ovary epithelial cancer	22	HPN-AS1	0.146962947
ovary epithelial cancer	23	LINC00942	0.138219806
ovary epithelial cancer	24	DSCR9	0.136000599
ovary epithelial cancer	25	KCTD21-AS1	0.135650022
ovary epithelial cancer	26	PSMB8-AS1	0.133794428
ovary epithelial cancer	27	LINC01588	0.127504073
ovary epithelial cancer	28	FBXW7-AS1	0.126571964
ovary epithelial cancer	29	LOXL1-AS1	0.120993009
ovary epithelial cancer	30	MHRT	0.120862723
nephroblastoma	1	MEG3	0.997334665
nephroblastoma	2	H19	0.972444978
nephroblastoma	3	IGF2-AS	0.96265779
nephroblastoma	4	CDKN2B-AS1	0.956586129
nephroblastoma	5	WT1-AS	0.888578172

nephroblastoma	6	NBR2	0.881105147
nephroblastoma	7	COL18A1-AS1	0.860385289
nephroblastoma	8	GHRLOS	0.85338237
nephroblastoma	9	LMCD1-AS1	0.837888175
nephroblastoma	10	PARD6G-AS1	0.824502752
nephroblastoma	11	IL10RB-AS1	0.819168352
nephroblastoma	12	LINC01387	0.810905544
nephroblastoma	13	LINC00856	0.809095118
nephroblastoma	14	LINC00477	0.789465733
nephroblastoma	15	SERTAD4-AS1	0.759318545
nephroblastoma	16	LINC01098	0.754581121
nephroblastoma	17	LINC00922	0.744482514
nephroblastoma	18	LINC00336	0.735146894
nephroblastoma	19	PSMB8-AS1	0.730152511
nephroblastoma	20	LINC00942	0.721438159
nephroblastoma	21	TEX41	0.686810077
nephroblastoma	22	DSCR9	0.665530593
nephroblastoma	23	ATE1-AS1	0.656808101
nephroblastoma	24	KCTD21-AS1	0.633479696
nephroblastoma	25	LINC01588	0.565605375
nephroblastoma	26	HPN-AS1	0.552011724
nephroblastoma	27	LINC01531	0.526912394
nephroblastoma	28	GATA3-AS1	0.508383374
nephroblastoma	29	JAZF1-AS1	0.50245127
nephroblastoma	30	NCAM1-AS1	0.362957216
ocular cancer	1	MIR17HG	0.997842863
ocular cancer	2	IL10RB-AS1	0.995271124
ocular cancer	3	LINC00336	0.993646512
ocular cancer	4	PSMB8-AS1	0.988313441
ocular cancer	5	TEX41	0.979336295
ocular cancer	6	LINC01098	0.973105931
ocular cancer	7	DSCR9	0.95612787
ocular cancer	8	LINC01588	0.936725489
ocular cancer	9	LINC00922	0.908277449
ocular cancer	10	JAZF1-AS1	0.838074833
ocular cancer	11	LINC00477	0.801479978
ocular cancer	12	KCTD21-AS1	0.772438346
ocular cancer	13	NCAM1-AS1	0.733560046
ocular cancer	14	SERTAD4-AS1	0.732894557
ocular cancer	15	ATE1-AS1	0.696027735
ocular cancer	16	LINC00856	0.693220254
ocular cancer	17	LINC01387	0.679803343
ocular cancer	18	LINC00942	0.608397493
ocular cancer	19	HPN-AS1	0.604117194
ocular cancer	20	LINC01531	0.586410105
ocular cancer	21	GATA3-AS1	0.566509644
ocular cancer	22	PARD6G-AS1	0.560022994

ocular cancer	23	LMCD1-AS1	0.499844041
ocular cancer	24	NUP50-AS1	0.463457297
ocular cancer	25	LINC01081	0.421068577
ocular cancer	26	RAD51-AS1	0.399491354
ocular cancer	27	HAS2-AS1	0.396132757
ocular cancer	28	MIR4435-2HG	0.341412176
ocular cancer	29	NFIA-AS1	0.336291154
ocular cancer	30	MIR22HG	0.317017919
colon cancer	1	CCAT2	0.993629594
colon cancer	2	NPSR1-AS1	0.983596885
colon cancer	3	CCAT1	0.969999856
colon cancer	4	MALAT1	0.968837595
colon cancer	5	HOTAIR	0.968089022
colon cancer	6	OLMALINC	0.913096079
colon cancer	7	PEG3-AS1	0.912408092
colon cancer	8	VLDLR-AS1	0.91094002
colon cancer	9	MHRT	0.903700848
colon cancer	10	FBXW7-AS1	0.892339047
colon cancer	11	LINC01235	0.880101256
colon cancer	12	LINC00319	0.875361606
colon cancer	13	LRRC3DN	0.875113042
colon cancer	14	MEG8	0.872074998
colon cancer	15	MIR137HG	0.85050971
colon cancer	16	DSCR10	0.807561114
colon cancer	17	MESTIT1	0.753048965
colon cancer	18	NORAD	0.750111388
colon cancer	19	PWAR4	0.74336719
colon cancer	20	HLA-F-AS1	0.707825473
colon cancer	21	LINC00299	0.703615654
colon cancer	22	HCG9	0.702321538
colon cancer	23	NFIA-AS1	0.675140106
colon cancer	24	TTY2	0.634427088
colon cancer	25	NBR2	0.631936971
colon cancer	26	SNHG11	0.623592819
colon cancer	27	OIP5-AS1	0.6136065
colon cancer	28	FAM30A	0.594355409
colon cancer	29	LINC00293	0.592711593
colon cancer	30	DBET	0.573137957
hepatitis	1	LINC01081	0.951313122
hepatitis	2	RAD51-AS1	0.951007155
hepatitis	3	HAS2-AS1	0.881886632
hepatitis	4	IL10RB-AS1	0.803916956
hepatitis	5	NCAM1-AS1	0.779532457
hepatitis	6	PARD6G-AS1	0.745781086
hepatitis	7	NFIA-AS1	0.639539988
hepatitis	8	LMCD1-AS1	0.639062672
hepatitis	9	LINC01387	0.580072379

hepatitis	10	LINC01588	0.545276285
hepatitis	11	ADORA2A-AS1	0.508918893
hepatitis	12	SERTAD4-AS1	0.450582282
hepatitis	13	JAZF1-AS1	0.368022422
hepatitis	14	DSCR9	0.339935603
hepatitis	15	TEX41	0.323339014
hepatitis	16	LINC00922	0.300134338
hepatitis	17	MIR22HG	0.279044433
hepatitis	18	LINC00856	0.271554916
hepatitis	19	LINC00477	0.242370555
hepatitis	20	LINC00336	0.217405632
hepatitis	21	PSMB8-AS1	0.215751201
hepatitis	22	GATA3-AS1	0.212119823
hepatitis	23	LINC01531	0.20882699
hepatitis	24	ATE1-AS1	0.208183429
hepatitis	25	KCTD21-AS1	0.204477775
hepatitis	26	MIR4435-2HG	0.198297835
hepatitis	27	LINC00942	0.181763731
hepatitis	28	HPN-AS1	0.180149709
hepatitis	29	LINC01098	0.177382361
hepatitis	30	HELLPAR	0.155854017
syndrome	1	KCNQ1OT1	0.960444677
syndrome	2	MEG3	0.936281561
syndrome	3	PISRT1	0.936244387
syndrome	4	H19	0.91462235
syndrome	5	CTBP1-AS	0.848577026
syndrome	6	HLA-F-AS1	0.831048653
syndrome	7	MIR17HG	0.826737411
syndrome	8	HCP5	0.811342446
syndrome	9	LINC00687	0.809869308
syndrome	10	HCCAT5	0.801285781
syndrome	11	CYTOR	0.792810177
syndrome	12	LINC00974	0.771663786
syndrome	13	MIR194-2HG	0.76074275
syndrome	14	DBH-AS1	0.755711308
syndrome	15	LINC00602	0.755711308
syndrome	16	LINC00479	0.753269109
syndrome	17	LINC01587	0.749145793
syndrome	18	ADORA2A-AS1	0.744861089
syndrome	19	MIR4435-2HG	0.733458245
syndrome	20	ABALON	0.732194718
syndrome	21	PARTICL	0.725123542
syndrome	22	GHRLOS	0.722838867
syndrome	23	TTY4	0.718945505
syndrome	24	FMR1-AS1	0.688644397
syndrome	25	HAS2-AS1	0.676597747
syndrome	26	LINC01081	0.668390889

syndrome	27	NFIA-AS1	0.666723764
syndrome	28	EGOT	0.657881492
syndrome	29	NBR2	0.649609031
syndrome	30	RAD51-AS1	0.621288732
female reproductive system disease	1	LINCMD1	0.879759101
female reproductive system disease	2	ADORA2A-AS1	0.868562422
female reproductive system disease	3	NFIA-AS1	0.819932551
female reproductive system disease	4	MIR4435-2HG	0.794875753
female reproductive system disease	5	TARID	0.759498552
female reproductive system disease	6	CDR1-AS	0.755794962
female reproductive system disease	7	LINC01024	0.723555791
female reproductive system disease	8	FAM83H-AS1	0.723305407
female reproductive system disease	9	PARTICL	0.706358433
female reproductive system disease	10	LINC00032	0.667735997
female reproductive system disease	11	SAMMSON	0.653751739
female reproductive system disease	12	LINC00654	0.616285136
female reproductive system disease	13	GHRLOS	0.614171061
female reproductive system disease	14	COL18A1-AS1	0.566046898
female reproductive system disease	15	PCAT5	0.527487388
female reproductive system disease	16	LUCAT1	0.518166944
female reproductive system disease	17	LINC00963	0.499503223
female reproductive system disease	18	TUSC8	0.465194845
female reproductive system disease	19	LINC00511	0.445766465
female reproductive system disease	20	LINC00473	0.44359646
female reproductive system disease	21	APTR	0.434039457
female reproductive system disease	22	ABALON	0.387848805
female reproductive system disease	23	TTY15	0.357345447
female reproductive system disease	24	MIR7-3HG	0.351374854
female reproductive system disease	25	TRERNA1	0.345426406
female reproductive system disease	26	FALEC	0.328696713
female reproductive system disease	27	NCRUPAR	0.311196552
female reproductive system disease	28	CAHM	0.303874076
female reproductive system disease	29	LINC00293	0.294604612
female reproductive system disease	30	HAND2-AS1	0.286451942
arteriosclerotic cardiovascular disease	1	TP53COR1	0.937992422
arteriosclerotic cardiovascular disease	2	H19	0.927204213
arteriosclerotic cardiovascular disease	3	CDKN2B-AS1	0.89966536
arteriosclerotic cardiovascular disease	4	LINC01081	0.86358009
arteriosclerotic cardiovascular disease	5	RAD51-AS1	0.798869497
arteriosclerotic cardiovascular disease	6	HAS2-AS1	0.793263514
arteriosclerotic cardiovascular disease	7	LINC00856	0.746607976
arteriosclerotic cardiovascular disease	8	ADORA2A-AS1	0.706688494
arteriosclerotic cardiovascular disease	9	LINC01387	0.667324246
arteriosclerotic cardiovascular disease	10	NCAM1-AS1	0.649113108
arteriosclerotic cardiovascular disease	11	LINC00336	0.620101065
arteriosclerotic cardiovascular disease	12	DSCR9	0.612098538
arteriosclerotic cardiovascular disease	13	LMCD1-AS1	0.60478599



arteriosclerotic cardiovascular disease	14	IL10RB-AS1	0.60327943
arteriosclerotic cardiovascular disease	15	PARD6G-AS1	0.573476769
arteriosclerotic cardiovascular disease	16	TEX41	0.495935589
arteriosclerotic cardiovascular disease	17	LINC00477	0.465245964
arteriosclerotic cardiovascular disease	18	LINC01588	0.448069029
arteriosclerotic cardiovascular disease	19	MIR4435-2HG	0.433976404
arteriosclerotic cardiovascular disease	20	GATA3-AS1	0.431998206
arteriosclerotic cardiovascular disease	21	LINC01531	0.410162708
arteriosclerotic cardiovascular disease	22	HPN-AS1	0.400011331
arteriosclerotic cardiovascular disease	23	LINC00942	0.39389086
arteriosclerotic cardiovascular disease	24	LINC00922	0.327280772
arteriosclerotic cardiovascular disease	25	ATE1-AS1	0.323466642
arteriosclerotic cardiovascular disease	26	LINC01098	0.322059897
arteriosclerotic cardiovascular disease	27	KCTD21-AS1	0.29120573
arteriosclerotic cardiovascular disease	28	PSMB8-AS1	0.288391408
arteriosclerotic cardiovascular disease	29	JAZF1-AS1	0.281123908
arteriosclerotic cardiovascular disease	30	SERTAD4-AS1	0.266065339
arteriosclerosis	1	TP53COR1	0.94674029
arteriosclerosis	2	H19	0.849049061
arteriosclerosis	3	LINC01081	0.792453774
arteriosclerosis	4	HAS2-AS1	0.725236645
arteriosclerosis	5	RAD51-AS1	0.716749691
arteriosclerosis	6	PARD6G-AS1	0.711387651
arteriosclerosis	7	LINC01588	0.697296717
arteriosclerosis	8	LINC00336	0.669520473
arteriosclerosis	9	LINC01098	0.666715273
arteriosclerosis	10	LINC01387	0.634819532
arteriosclerosis	11	DSCR9	0.632939285
arteriosclerosis	12	LINC00477	0.617292722
arteriosclerosis	13	IL10RB-AS1	0.564765123
arteriosclerosis	14	MIR4435-2HG	0.522702359
arteriosclerosis	15	NCAM1-AS1	0.491194342
arteriosclerosis	16	NFIA-AS1	0.48830125
arteriosclerosis	17	ADORA2A-AS1	0.426842316
arteriosclerosis	18	LINC00942	0.42411255
arteriosclerosis	19	SERTAD4-AS1	0.419867498
arteriosclerosis	20	PSMB8-AS1	0.397754726
arteriosclerosis	21	JAZF1-AS1	0.394915437
arteriosclerosis	22	TEX41	0.38867926
arteriosclerosis	23	KCTD21-AS1	0.342569593
arteriosclerosis	24	ATE1-AS1	0.316434253
arteriosclerosis	25	LINC00922	0.299218853
arteriosclerosis	26	MIR22HG	0.297700091
arteriosclerosis	27	HPN-AS1	0.294928697
arteriosclerosis	28	LINC01531	0.292617239
arteriosclerosis	29	GATA3-AS1	0.280602288
arteriosclerosis	30	LMCD1-AS1	0.275966618

multiple sclerosis	1	IFNG-AS1	0.825093632
multiple sclerosis	2	LINC01081	0.777103545
multiple sclerosis	3	RAD51-AS1	0.692496802
multiple sclerosis	4	HAS2-AS1	0.647421302
multiple sclerosis	5	SERTAD4-AS1	0.600822097
multiple sclerosis	6	LINC00922	0.588366847
multiple sclerosis	7	PARD6G-AS1	0.587648506
multiple sclerosis	8	DSCR9	0.582999709
multiple sclerosis	9	LMCD1-AS1	0.578783421
multiple sclerosis	10	NFIA-AS1	0.571484936
multiple sclerosis	11	IL10RB-AS1	0.568009817
multiple sclerosis	12	MIR22HG	0.482342749
multiple sclerosis	13	LINC00477	0.475291454
multiple sclerosis	14	MIR4435-2HG	0.47390065
multiple sclerosis	15	LINC01098	0.429144121
multiple sclerosis	16	TEX41	0.41120492
multiple sclerosis	17	NCAM1-AS1	0.376365596
multiple sclerosis	18	LINC01387	0.373293854
multiple sclerosis	19	GATA3-AS1	0.371268446
multiple sclerosis	20	PSMB8-AS1	0.367321406
multiple sclerosis	21	LINC01588	0.350944533
multiple sclerosis	22	KCTD21-AS1	0.346003268
multiple sclerosis	23	ADORA2A-AS1	0.336163319
multiple sclerosis	24	JAZF1-AS1	0.333333657
multiple sclerosis	25	ATE1-AS1	0.329632348
multiple sclerosis	26	LINC00942	0.317518889
multiple sclerosis	27	LINC00856	0.303201753
multiple sclerosis	28	LINC00336	0.293764926
multiple sclerosis	29	HPN-AS1	0.291790352
multiple sclerosis	30	LINC01531	0.28453132
ovarian cancer	1	BCYRN1	0.998073076
ovarian cancer	2	GAS5	0.992450899
ovarian cancer	3	HOTAIR	0.991838696
ovarian cancer	4	MEG3	0.990465487
ovarian cancer	5	XIST	0.990212402
ovarian cancer	6	UCA1	0.988169088
ovarian cancer	7	CCAT1	0.985233798
ovarian cancer	8	LSINCT5	0.981874132
ovarian cancer	9	LINC00961	0.980221981
ovarian cancer	10	NEAT1	0.974322712
ovarian cancer	11	CCAT2	0.952186534
ovarian cancer	12	HOXA11-AS	0.944679915
ovarian cancer	13	MALAT1	0.919616562
ovarian cancer	14	H19	0.91877025
ovarian cancer	15	LINC01081	0.917122084
ovarian cancer	16	LINC01602	0.898402509
ovarian cancer	17	RAD51-AS1	0.879624074

ovarian cancer	18	HAS2-AS1	0.860152299
ovarian cancer	19	PWRN1	0.85191806
ovarian cancer	20	OLMALINC	0.841185682
ovarian cancer	21	NUP50-AS1	0.832105566
ovarian cancer	22	FAM30A	0.823316041
ovarian cancer	23	TTY4	0.817877324
ovarian cancer	24	NFIA-AS1	0.816219217
ovarian cancer	25	CARMN	0.794742311
ovarian cancer	26	DBET	0.777622608
ovarian cancer	27	DISC1FP1	0.774886524
ovarian cancer	28	VLDLR-AS1	0.770740811
ovarian cancer	29	LINC01235	0.769407588
ovarian cancer	30	LINC00319	0.763645454
psychotic disorder	1	HAR1A	0.930931409
psychotic disorder	2	MIAT	0.913925093
psychotic disorder	3	LINC00271	0.895518383
psychotic disorder	4	HCG9	0.886144324
psychotic disorder	5	DAOA-AS1	0.881829238
psychotic disorder	6	MIR137HG	0.873963723
psychotic disorder	7	DSCR10	0.873241042
psychotic disorder	8	NFIA-AS1	0.871028132
psychotic disorder	9	COL18A1-AS1	0.870985837
psychotic disorder	10	ADORA2A-AS1	0.865713662
psychotic disorder	11	RAD51-AS1	0.862531686
psychotic disorder	12	HAS2-AS1	0.859484919
psychotic disorder	13	LINC01081	0.843729293
psychotic disorder	14	CADM3-AS1	0.823144138
psychotic disorder	15	PARTICL	0.80979616
psychotic disorder	16	TRERNA1	0.787260919
psychotic disorder	17	MIR7-3HG	0.787159632
psychotic disorder	18	LINC00293	0.780325983
psychotic disorder	19	ABALON	0.772786093
psychotic disorder	20	NUP50-AS1	0.769452619
psychotic disorder	21	MIR181A1HG	0.765246907
psychotic disorder	22	PWAR5	0.752790802
psychotic disorder	23	FALEC	0.723458023
psychotic disorder	24	HELLPAR	0.721245664
psychotic disorder	25	CAHM	0.718243888
psychotic disorder	26	NCRUPAR	0.691065365
psychotic disorder	27	APTR	0.686307736
psychotic disorder	28	LINC00273	0.684754668
psychotic disorder	29	XACT	0.683362342
psychotic disorder	30	LINC00479	0.678206487
basal cell carcinoma	1	CDKN2B-AS1	0.995253019
basal cell carcinoma	2	LINC01081	0.98671615
basal cell carcinoma	3	HAS2-AS1	0.981146526
basal cell carcinoma	4	RAD51-AS1	0.94484517

basal cell carcinoma	5	LINC00336	0.929276662
basal cell carcinoma	6	ADORA2A-AS1	0.90111908
basal cell carcinoma	7	LINC01588	0.855985767
basal cell carcinoma	8	MIR4435-2HG	0.818509382
basal cell carcinoma	9	LINC00477	0.778832544
basal cell carcinoma	10	LINC00856	0.605147731
basal cell carcinoma	11	NFIA-AS1	0.593628908
basal cell carcinoma	12	PARD6G-AS1	0.513173714
basal cell carcinoma	13	NCAM1-AS1	0.488753672
basal cell carcinoma	14	MIR22HG	0.421570471
basal cell carcinoma	15	LINC00922	0.409055307
basal cell carcinoma	16	DSCR9	0.367860256
basal cell carcinoma	17	LINC01098	0.323210711
basal cell carcinoma	18	PSMB8-AS1	0.317205693
basal cell carcinoma	19	JAZF1-AS1	0.300549557
basal cell carcinoma	20	LMCD1-AS1	0.295049344
basal cell carcinoma	21	IL10RB-AS1	0.289720625
basal cell carcinoma	22	LINC01387	0.289395143
basal cell carcinoma	23	KCTD21-AS1	0.288410256
basal cell carcinoma	24	ATE1-AS1	0.278949678
basal cell carcinoma	25	TEX41	0.277842122
basal cell carcinoma	26	SERTAD4-AS1	0.266779344
basal cell carcinoma	27	HPN-AS1	0.201432874
basal cell carcinoma	28	LINC01531	0.196012251
basal cell carcinoma	29	GATA3-AS1	0.176030949
basal cell carcinoma	30	LINC00942	0.167763275
hematologic cancer	1	WT1-AS	0.993285796
hematologic cancer	2	CCAT1	0.981434323
hematologic cancer	3	MALAT1	0.969104218
hematologic cancer	4	GAS5	0.918505234
hematologic cancer	5	CCDC26	0.916077545
hematologic cancer	6	MIR155HG	0.90620698
hematologic cancer	7	TUG1	0.893764552
hematologic cancer	8	PVT1	0.885697558
hematologic cancer	9	SNHG4	0.882104515
hematologic cancer	10	H19	0.865203721
hematologic cancer	11	TP53COR1	0.862730596
hematologic cancer	12	MIR100HG	0.860685549
hematologic cancer	13	HOTAIRM1	0.860640379
hematologic cancer	14	MIR17HG	0.858169893
hematologic cancer	15	PSORS1C3	0.856626661
hematologic cancer	16	MEG3	0.855767395
hematologic cancer	17	HULC	0.853656675
hematologic cancer	18	UCA1	0.851269653
hematologic cancer	19	NEAT1	0.850404671
hematologic cancer	20	CDKN2B-AS1	0.848086445
hematologic cancer	21	LINC01588	0.848086445

hematologic cancer	22	LINC00319	0.846000476
hematologic cancer	23	DSCR9	0.844424731
hematologic cancer	24	TTY4	0.834742074
hematologic cancer	25	TEX41	0.834742074
hematologic cancer	26	CARMN	0.832655012
hematologic cancer	27	B3GALT5-AS1	0.810433509
hematologic cancer	28	LINC00479	0.806023264
hematologic cancer	29	LINC00575	0.798187327
hematologic cancer	30	LINC00315	0.797152563
opiate dependence	1	MEG3	0.84381277
opiate dependence	2	LINC01081	0.804195088
opiate dependence	3	RAD51-AS1	0.648318237
opiate dependence	4	HAS2-AS1	0.609067492
opiate dependence	5	PARD6G-AS1	0.589326873
opiate dependence	6	NCAM1-AS1	0.586123114
opiate dependence	7	IL10RB-AS1	0.580340652
opiate dependence	8	NFIA-AS1	0.57003169
opiate dependence	9	TEX41	0.521327441
opiate dependence	10	LINC00336	0.520547434
opiate dependence	11	DSCR9	0.514709046
opiate dependence	12	LINC01387	0.514387551
opiate dependence	13	LINC00477	0.493712475
opiate dependence	14	MIR4435-2HG	0.485248214
opiate dependence	15	LMCD1-AS1	0.479575022
opiate dependence	16	LINC00856	0.478952702
opiate dependence	17	ADORA2A-AS1	0.477293472
opiate dependence	18	LINC00942	0.449507297
opiate dependence	19	GATA3-AS1	0.436658007
opiate dependence	20	LINC01531	0.430594283
opiate dependence	21	HPN-AS1	0.426915743
opiate dependence	22	LINC00922	0.407734672
opiate dependence	23	LINC01588	0.407734672
opiate dependence	24	ATE1-AS1	0.404210839
opiate dependence	25	LINC01098	0.400829356
opiate dependence	26	KCTD21-AS1	0.391939423
opiate dependence	27	SERTAD4-AS1	0.391831129
opiate dependence	28	PSMB8-AS1	0.391754593
opiate dependence	29	JAZF1-AS1	0.372947339
opiate dependence	30	HELLPAR	0.361530872
larynx cancer	1	HOTAIR	0.997411028
larynx cancer	2	MALAT1	0.991165977
larynx cancer	3	NEAT1	0.976926554
larynx cancer	4	H19	0.96120514
larynx cancer	5	OLMALINC	0.938368532
larynx cancer	6	VLDLR-AS1	0.903131477
larynx cancer	7	LINC00319	0.883621813
larynx cancer	8	FBXW7-AS1	0.827897788

larynx cancer	9	HELLPAR	0.807277186
larynx cancer	10	ABALON	0.798458122
larynx cancer	11	MIR4435-2HG	0.792041711
larynx cancer	12	NCAM1-AS1	0.783038633
larynx cancer	13	LMCD1-AS1	0.766338336
larynx cancer	14	LINC01387	0.760311143
larynx cancer	15	LINC00336	0.692832669
larynx cancer	16	LINC00856	0.691569087
larynx cancer	17	LINC00477	0.671413452
larynx cancer	18	IL10RB-AS1	0.626954084
larynx cancer	19	PARD6G-AS1	0.61835808
larynx cancer	20	LINC00942	0.617471377
larynx cancer	21	TEX41	0.541211632
larynx cancer	22	GATA3-AS1	0.511756928
larynx cancer	23	LINC01531	0.494721998
larynx cancer	24	HPN-AS1	0.465413397
larynx cancer	25	JAZF1-AS1	0.450801633
larynx cancer	26	SERTAD4-AS1	0.423442585
larynx cancer	27	ATE1-AS1	0.395724531
larynx cancer	28	LINC01588	0.388165881
larynx cancer	29	KCTD21-AS1	0.387643279
larynx cancer	30	LINC00922	0.384206215
pancreas disease	1	KCNQ1OT1	0.898674331
pancreas disease	2	H19	0.892405578
pancreas disease	3	LINC01081	0.860073677
pancreas disease	4	RAD51-AS1	0.829792278
pancreas disease	5	HAS2-AS1	0.790062116
pancreas disease	6	MIR22HG	0.782876102
pancreas disease	7	MIR4435-2HG	0.681466715
pancreas disease	8	ADORA2A-AS1	0.607125165
pancreas disease	9	NFIA-AS1	0.584707085
pancreas disease	10	LINC01588	0.574064656
pancreas disease	11	TEX41	0.551528521
pancreas disease	12	NCAM1-AS1	0.520352458
pancreas disease	13	PARD6G-AS1	0.500927374
pancreas disease	14	LINC00922	0.466209249
pancreas disease	15	LINC00336	0.422408091
pancreas disease	16	JAZF1-AS1	0.414887646
pancreas disease	17	LMCD1-AS1	0.401383113
pancreas disease	18	IL10RB-AS1	0.394360188
pancreas disease	19	LINC01387	0.391403003
pancreas disease	20	SERTAD4-AS1	0.384439964
pancreas disease	21	LINC00856	0.371071141
pancreas disease	22	LINC00477	0.364205815
pancreas disease	23	DSCR9	0.317803311
pancreas disease	24	LINC00942	0.312125636
pancreas disease	25	GATA3-AS1	0.310696706

pancreas disease	26	ATE1-AS1	0.307477665
pancreas disease	27	KCTD21-AS1	0.306880212
pancreas disease	28	LINC01098	0.298784177
pancreas disease	29	PSMB8-AS1	0.287631169
pancreas disease	30	LINC01531	0.283188895
laryngeal carcinoma	1	NEAT1	0.998002738
laryngeal carcinoma	2	HOTAIR	0.997945911
laryngeal carcinoma	3	LINC01081	0.992546043
laryngeal carcinoma	4	HAS2-AS1	0.977137354
laryngeal carcinoma	5	RAD51-AS1	0.976721951
laryngeal carcinoma	6	DSCR9	0.960569763
laryngeal carcinoma	7	LINC01588	0.956745204
laryngeal carcinoma	8	JAZF1-AS1	0.928396084
laryngeal carcinoma	9	LINC00477	0.905912657
laryngeal carcinoma	10	SERTAD4-AS1	0.800780073
laryngeal carcinoma	11	GATA3-AS1	0.7910333
laryngeal carcinoma	12	MIR4435-2HG	0.784975265
laryngeal carcinoma	13	ADORA2A-AS1	0.759070673
laryngeal carcinoma	14	LMCD1-AS1	0.746396981
laryngeal carcinoma	15	MIR22HG	0.708737096
laryngeal carcinoma	16	TEX41	0.708167339
laryngeal carcinoma	17	LINC00856	0.647319704
laryngeal carcinoma	18	LINC01098	0.602831529
laryngeal carcinoma	19	PSMB8-AS1	0.601699315
laryngeal carcinoma	20	NCAM1-AS1	0.557009027
laryngeal carcinoma	21	LINC00336	0.533211864
laryngeal carcinoma	22	PARD6G-AS1	0.514201186
laryngeal carcinoma	23	LINC01387	0.496082932
laryngeal carcinoma	24	NFIA-AS1	0.397853116
laryngeal carcinoma	25	IL10RB-AS1	0.362170509
laryngeal carcinoma	26	KCTD21-AS1	0.362008779
laryngeal carcinoma	27	LINC00942	0.344633324
laryngeal carcinoma	28	ATE1-AS1	0.320239004
laryngeal carcinoma	29	HPN-AS1	0.308275135
laryngeal carcinoma	30	LINC00922	0.29578353
autonomic nervous system neoplasm	1	LINC00467	0.940956837
autonomic nervous system neoplasm	2	CASC15	0.938937773
autonomic nervous system neoplasm	3	BCYRN1	0.911395508
autonomic nervous system neoplasm	4	NBAT1	0.888050531
autonomic nervous system neoplasm	5	MYCNOS	0.88626736
autonomic nervous system neoplasm	6	MIR100HG	0.877553734
autonomic nervous system neoplasm	7	PVT1	0.865692151
autonomic nervous system neoplasm	8	H19	0.864623393
autonomic nervous system neoplasm	9	MALAT1	0.864244202
autonomic nervous system neoplasm	10	COL18A1-AS1	0.863730841
autonomic nervous system neoplasm	11	APTR	0.847474207
autonomic nervous system neoplasm	12	CASC8	0.834354133

autonomic nervous system neoplasm	13	CADM3-AS1	0.822295441
autonomic nervous system neoplasm	14	NUP50-AS1	0.815790501
autonomic nervous system neoplasm	15	NFIA-AS1	0.815697832
autonomic nervous system neoplasm	16	CARMN	0.815697832
autonomic nervous system neoplasm	17	PWAR5	0.809364763
autonomic nervous system neoplasm	18	DBET	0.802117827
autonomic nervous system neoplasm	19	LINC00479	0.801595824
autonomic nervous system neoplasm	20	LINC00575	0.798626515
autonomic nervous system neoplasm	21	LINC00315	0.796336579
autonomic nervous system neoplasm	22	PWRN1	0.787632976
autonomic nervous system neoplasm	23	LINC01184	0.784881827
autonomic nervous system neoplasm	24	HELLPAR	0.772683645
autonomic nervous system neoplasm	25	FMR1-AS1	0.752038207
autonomic nervous system neoplasm	26	ADORA2A-AS1	0.751972586
autonomic nervous system neoplasm	27	GHRLOS	0.750083863
autonomic nervous system neoplasm	28	PCAT4	0.747034713
autonomic nervous system neoplasm	29	XACT	0.746494564
autonomic nervous system neoplasm	30	PARTICL	0.743882698
kidney cancer	1	TUG1	0.997780043
kidney cancer	2	KCNQ1OT1	0.980277264
kidney cancer	3	SPRY4-IT1	0.956170084
kidney cancer	4	MALAT1	0.947853566
kidney cancer	5	CDKN2B-AS1	0.945976505
kidney cancer	6	IGF2-AS	0.913495816
kidney cancer	7	MEG3	0.903496744
kidney cancer	8	PVT1	0.880590282
kidney cancer	9	H19	0.860836277
kidney cancer	10	HOTAIR	0.814908683
kidney cancer	11	UCA1	0.768967387
kidney cancer	12	LINC00315	0.758107548
kidney cancer	13	CADM3-AS1	0.737344306
kidney cancer	14	LINC00575	0.728067364
kidney cancer	15	NFIA-AS1	0.717977195
kidney cancer	16	GHRLOS	0.70897959
kidney cancer	17	LINC00479	0.656994487
kidney cancer	18	HAS2-AS1	0.633298621
kidney cancer	19	LINC01235	0.585062742
kidney cancer	20	RAD51-AS1	0.583366132
kidney cancer	21	LINC01602	0.575055855
kidney cancer	22	NUP50-AS1	0.539699697
kidney cancer	23	LINC00319	0.535602421
kidney cancer	24	FAM30A	0.507599342
kidney cancer	25	LINC00273	0.491602237
kidney cancer	26	LINC01081	0.479489089
kidney cancer	27	MIR22HG	0.457843352
kidney cancer	28	PWRN1	0.45402444
kidney cancer	29	FALEC	0.451867244



kidney cancer	30	TTY4	0.449935987
transitional cell carcinoma	1	HOTAIR	0.755759368
transitional cell carcinoma	2	VLDLR-AS1	0.545397158
transitional cell carcinoma	3	OLMALINC	0.534304679
transitional cell carcinoma	4	HAS2-AS1	0.483092924
transitional cell carcinoma	5	ADORA2A-AS1	0.478203772
transitional cell carcinoma	6	MIR22HG	0.448389607
transitional cell carcinoma	7	COL18A1-AS1	0.432750313
transitional cell carcinoma	8	LINC01081	0.373094043
transitional cell carcinoma	9	LINC00319	0.356618871
transitional cell carcinoma	10	LINC01098	0.300277025
transitional cell carcinoma	11	LINC00856	0.288295638
transitional cell carcinoma	12	DSCR9	0.266474842
transitional cell carcinoma	13	TEX41	0.24793749
transitional cell carcinoma	14	LINC01387	0.236175473
transitional cell carcinoma	15	PARD6G-AS1	0.230251646
transitional cell carcinoma	16	NCAM1-AS1	0.221768171
transitional cell carcinoma	17	IL10RB-AS1	0.219547515
transitional cell carcinoma	18	SERTAD4-AS1	0.215659414
transitional cell carcinoma	19	LINC01588	0.202419473
transitional cell carcinoma	20	LMCD1-AS1	0.189987567
transitional cell carcinoma	21	JAZF1-AS1	0.187434274
transitional cell carcinoma	22	LINC00942	0.156855098
transitional cell carcinoma	23	PSMB8-AS1	0.143983916
transitional cell carcinoma	24	LINC00336	0.129637954
transitional cell carcinoma	25	KCTD21-AS1	0.124814709
transitional cell carcinoma	26	LINC00922	0.114526675
transitional cell carcinoma	27	ATE1-AS1	0.107774544
transitional cell carcinoma	28	HPN-AS1	0.10750909
transitional cell carcinoma	29	LINC01531	0.105191808
transitional cell carcinoma	30	GATA3-AS1	0.104022886
adult mesoblastic nephroma	1	MEG3	0.883555393
adult mesoblastic nephroma	2	H19	0.862523439
adult mesoblastic nephroma	3	LINC01081	0.735975825
adult mesoblastic nephroma	4	HAS2-AS1	0.699363943
adult mesoblastic nephroma	5	ADORA2A-AS1	0.53586341
adult mesoblastic nephroma	6	MIR22HG	0.490506946
adult mesoblastic nephroma	7	NFIA-AS1	0.46634255
adult mesoblastic nephroma	8	MIR4435-2HG	0.413217833
adult mesoblastic nephroma	9	ABALON	0.37883641
adult mesoblastic nephroma	10	GHRLOS	0.335978976
adult mesoblastic nephroma	11	NBR2	0.23264535
adult mesoblastic nephroma	12	LINC00315	0.225428733
adult mesoblastic nephroma	13	APTR	0.217655521
adult mesoblastic nephroma	14	LINC00336	0.211541034
adult mesoblastic nephroma	15	JAZF1-AS1	0.209353234
adult mesoblastic nephroma	16	SERTAD4-AS1	0.194277688

adult mesoblastic nephroma	17	LINC00922	0.189679276
adult mesoblastic nephroma	18	IL10RB-AS1	0.178032143
adult mesoblastic nephroma	19	PARD6G-AS1	0.16314473
adult mesoblastic nephroma	20	LINC01387	0.157550295
adult mesoblastic nephroma	21	NCAM1-AS1	0.155894063
adult mesoblastic nephroma	22	LMCD1-AS1	0.149325428
adult mesoblastic nephroma	23	LINC00856	0.148090184
adult mesoblastic nephroma	24	LINC00942	0.121777098
adult mesoblastic nephroma	25	LINC00477	0.114925837
adult mesoblastic nephroma	26	GATA3-AS1	0.106886609
adult mesoblastic nephroma	27	LINC01098	0.104317119
adult mesoblastic nephroma	28	LINC01531	0.102949445
adult mesoblastic nephroma	29	TEX41	0.100671306
adult mesoblastic nephroma	30	DSCR9	0.099048277
parasitic protozoa infectious disease	1	MIF-AS1	0.767192212
parasitic protozoa infectious disease	2	LINC01081	0.683084542
parasitic protozoa infectious disease	3	RAD51-AS1	0.634788596
parasitic protozoa infectious disease	4	HAS2-AS1	0.619513941
parasitic protozoa infectious disease	5	LMCD1-AS1	0.561334094
parasitic protozoa infectious disease	6	NCAM1-AS1	0.560998586
parasitic protozoa infectious disease	7	LINC01588	0.510929277
parasitic protozoa infectious disease	8	IL10RB-AS1	0.497480855
parasitic protozoa infectious disease	9	PARD6G-AS1	0.460917873
parasitic protozoa infectious disease	10	DSCR9	0.433489706
parasitic protozoa infectious disease	11	TEX41	0.431862025
parasitic protozoa infectious disease	12	LINC01387	0.425353157
parasitic protozoa infectious disease	13	ADORA2A-AS1	0.377821186
parasitic protozoa infectious disease	14	LINC00856	0.371468338
parasitic protozoa infectious disease	15	SERTAD4-AS1	0.37133454
parasitic protozoa infectious disease	16	JAZF1-AS1	0.356094531
parasitic protozoa infectious disease	17	LINC00336	0.348326734
parasitic protozoa infectious disease	18	LINC00922	0.34353939
parasitic protozoa infectious disease	19	NFIA-AS1	0.342441832
parasitic protozoa infectious disease	20	MIR22HG	0.326630053
parasitic protozoa infectious disease	21	LINC00942	0.318589111
parasitic protozoa infectious disease	22	ATE1-AS1	0.309901606
parasitic protozoa infectious disease	23	GATA3-AS1	0.30546789
parasitic protozoa infectious disease	24	HPN-AS1	0.299725887
parasitic protozoa infectious disease	25	KCTD21-AS1	0.299258918
parasitic protozoa infectious disease	26	MIR4435-2HG	0.282456096
parasitic protozoa infectious disease	27	LINC00477	0.282251991
parasitic protozoa infectious disease	28	LINC01098	0.271785533
parasitic protozoa infectious disease	29	PSMB8-AS1	0.26015126
parasitic protozoa infectious disease	30	LINC01531	0.258606828
endocrine system disease	1	KCNQ1OT1	0.892775985
endocrine system disease	2	H19	0.892370007
endocrine system disease	3	EGOT	0.854033089

endocrine system disease	4	TRERNA1	0.82693546
endocrine system disease	5	MIR7-3HG	0.817800606
endocrine system disease	6	DBH-AS1	0.801972858
endocrine system disease	7	LINC00602	0.724730153
endocrine system disease	8	LINC00687	0.623627329
endocrine system disease	9	CYTOR	0.587021699
endocrine system disease	10	LINC00974	0.582561845
endocrine system disease	11	HCCAT5	0.564661309
endocrine system disease	12	MIR194-2HG	0.502233159
endocrine system disease	13	NCRUPAR	0.478395651
endocrine system disease	14	CAHM	0.446945849
endocrine system disease	15	LINC00511	0.428747786
endocrine system disease	16	LINC00261	0.416811081
endocrine system disease	17	BCAR4	0.410915127
endocrine system disease	18	C5orf66-AS2	0.406264588
endocrine system disease	19	NPSR1-AS1	0.402760652
endocrine system disease	20	PTCSC3	0.40217472
endocrine system disease	21	PTCSC2	0.37747584
endocrine system disease	22	BLACAT1	0.369851816
endocrine system disease	23	MIR99AHG	0.368729212
endocrine system disease	24	PCAT5	0.343792793
endocrine system disease	25	LINC00963	0.335604141
endocrine system disease	26	NCAM1-AS1	0.326598111
endocrine system disease	27	LINC00856	0.312973543
endocrine system disease	28	DSCR9	0.312146842
endocrine system disease	29	PARD6G-AS1	0.308630662
endocrine system disease	30	TEX41	0.298014648
endometrial carcinoma	1	SNHG12	0.997125393
endometrial carcinoma	2	HOTAIR	0.995668698
endometrial carcinoma	3	CDKN2B-AS1	0.95708494
endometrial carcinoma	4	GAS5	0.937252065
endometrial carcinoma	5	FBXW7-AS1	0.858375157
endometrial carcinoma	6	DSCR10	0.77946618
endometrial carcinoma	7	MIR137HG	0.773356813
endometrial carcinoma	8	VLDLR-AS1	0.765840853
endometrial carcinoma	9	OLMALINC	0.68332152
endometrial carcinoma	10	FAM30A	0.673619487
endometrial carcinoma	11	PEG3-AS1	0.659821127
endometrial carcinoma	12	MHRT	0.62099576
endometrial carcinoma	13	LINC00319	0.61494102
endometrial carcinoma	14	LRRC3DN	0.586430536
endometrial carcinoma	15	ZNF667-AS1	0.566672367
endometrial carcinoma	16	DBET	0.521310643
endometrial carcinoma	17	LINC00293	0.491111423
endometrial carcinoma	18	COPG2IT1	0.487996891
endometrial carcinoma	19	TTY2	0.424039544
endometrial carcinoma	20	MESTIT1	0.422082657

endometrial carcinoma	21	NORAD	0.410507987
endometrial carcinoma	22	CARMN	0.389821878
endometrial carcinoma	23	PWRN1	0.380246668
endometrial carcinoma	24	FALEC	0.361181342
endometrial carcinoma	25	PCAT4	0.337935636
endometrial carcinoma	26	FAM83H-AS1	0.31938995
endometrial carcinoma	27	CDR1-AS	0.317689272
endometrial carcinoma	28	TARID	0.308029181
endometrial carcinoma	29	LINC01024	0.296243081
endometrial carcinoma	30	SERTAD4-AS1	0.277122612
laryngeal squamous cell carcinoma	1	HOTAIR	0.991553841
laryngeal squamous cell carcinoma	2	NEAT1	0.985485167
laryngeal squamous cell carcinoma	3	H19	0.944741361
laryngeal squamous cell carcinoma	4	MALAT1	0.944433135
laryngeal squamous cell carcinoma	5	LINC01081	0.832255546
laryngeal squamous cell carcinoma	6	HAS2-AS1	0.782781351
laryngeal squamous cell carcinoma	7	MIR22HG	0.729243577
laryngeal squamous cell carcinoma	8	MIR4435-2HG	0.626022772
laryngeal squamous cell carcinoma	9	ADORA2A-AS1	0.578463697
laryngeal squamous cell carcinoma	10	NFIA-AS1	0.540684993
laryngeal squamous cell carcinoma	11	ABALON	0.460492928
laryngeal squamous cell carcinoma	12	NBR2	0.451340763
laryngeal squamous cell carcinoma	13	LMCD1-AS1	0.418962158
laryngeal squamous cell carcinoma	14	IL10RB-AS1	0.41128789
laryngeal squamous cell carcinoma	15	PARD6G-AS1	0.37290832
laryngeal squamous cell carcinoma	16	LINC01387	0.371156646
laryngeal squamous cell carcinoma	17	LINC00856	0.344497493
laryngeal squamous cell carcinoma	18	APTR	0.343000282
laryngeal squamous cell carcinoma	19	SERTAD4-AS1	0.340327573
laryngeal squamous cell carcinoma	20	JAZF1-AS1	0.333698463
laryngeal squamous cell carcinoma	21	LINC00922	0.29261288
laryngeal squamous cell carcinoma	22	LINC00336	0.291239342
laryngeal squamous cell carcinoma	23	NCAM1-AS1	0.275555415
laryngeal squamous cell carcinoma	24	PSMB8-AS1	0.247915614
laryngeal squamous cell carcinoma	25	DSCR9	0.235066209
laryngeal squamous cell carcinoma	26	TEX41	0.233231054
laryngeal squamous cell carcinoma	27	LINC01098	0.230133643
laryngeal squamous cell carcinoma	28	KCTD21-AS1	0.228392449
laryngeal squamous cell carcinoma	29	LINC01588	0.201414247
laryngeal squamous cell carcinoma	30	LINC00942	0.200228443
endometriosis	1	CDKN2B-AS1	0.879734077
endometriosis	2	LINCMD1	0.761257085
endometriosis	3	ADORA2A-AS1	0.758262252
endometriosis	4	LINC00336	0.731111232
endometriosis	5	MIR22HG	0.721929799
endometriosis	6	LINC00942	0.667870659
endometriosis	7	NCAM1-AS1	0.659000402

endometriosis	8	LINC00922	0.645476268
endometriosis	9	LMCD1-AS1	0.613868295
endometriosis	10	IL10RB-AS1	0.588303428
endometriosis	11	PARD6G-AS1	0.580944417
endometriosis	12	NFIA-AS1	0.542317253
endometriosis	13	JAZF1-AS1	0.529019154
endometriosis	14	SERTAD4-AS1	0.489463296
endometriosis	15	LINC00856	0.480973555
endometriosis	16	LINC01588	0.474176463
endometriosis	17	LINC00477	0.461551713
endometriosis	18	LINC01387	0.440098302
endometriosis	19	MIR4435-2HG	0.411918046
endometriosis	20	GATA3-AS1	0.402908802
endometriosis	21	LINC01531	0.37145113
endometriosis	22	HPN-AS1	0.36102426
endometriosis	23	TEX41	0.308375175
endometriosis	24	DSCR9	0.308246584
endometriosis	25	ATE1-AS1	0.298316011
endometriosis	26	PSMB8-AS1	0.290375682
endometriosis	27	KCTD21-AS1	0.284335311
endometriosis	28	LINC01098	0.282662051
endometriosis	29	ABALON	0.281096271
endometriosis	30	APTR	0.272858777
immune system disease	1	THRIL	0.906244433
immune system disease	2	HCP5	0.889687967
immune system disease	3	GAS5	0.83380757
immune system disease	4	SAMMSON	0.830393619
immune system disease	5	LINC00654	0.775038264
immune system disease	6	LINC00032	0.762522024
immune system disease	7	CAHM	0.733004608
immune system disease	8	NCRUPAR	0.730122711
immune system disease	9	PCAT5	0.692431391
immune system disease	10	LINC00963	0.66628414
immune system disease	11	TRERNA1	0.600884518
immune system disease	12	MIR7-3HG	0.541815061
immune system disease	13	LINC00602	0.509213913
immune system disease	14	LINC00687	0.488410193
immune system disease	15	LINC00974	0.476716756
immune system disease	16	DBH-AS1	0.472418789
immune system disease	17	CYTOR	0.46301718
immune system disease	18	HCCAT5	0.461610536
immune system disease	19	MIR194-2HG	0.445488753
immune system disease	20	CDR1-AS	0.441630169
immune system disease	21	TARID	0.421487828
immune system disease	22	FAM83H-AS1	0.419435113
immune system disease	23	LINC01024	0.418661025
immune system disease	24	ADORA2A-AS1	0.413761746

immune system disease	25	NFIA-AS1	0.411261109
immune system disease	26	MIR4435-2HG	0.401619753
immune system disease	27	EGOT	0.401421472
immune system disease	28	LUCAT1	0.393109351
immune system disease	29	TUSC8	0.381704946
immune system disease	30	LINC01081	0.373132946
glomerulonephritis	1	XIST	0.947924906
glomerulonephritis	2	LINC01081	0.945372754
glomerulonephritis	3	RAD51-AS1	0.878919437
glomerulonephritis	4	HAS2-AS1	0.796360968
glomerulonephritis	5	LINC01387	0.795409934
glomerulonephritis	6	LMCD1-AS1	0.740643872
glomerulonephritis	7	TEX41	0.736144294
glomerulonephritis	8	LINC00922	0.705414057
glomerulonephritis	9	DSCR9	0.546156629
glomerulonephritis	10	LINC01588	0.535266413
glomerulonephritis	11	ADORA2A-AS1	0.520319854
glomerulonephritis	12	JAZF1-AS1	0.520038926
glomerulonephritis	13	SERTAD4-AS1	0.498564364
glomerulonephritis	14	NCAM1-AS1	0.418162472
glomerulonephritis	15	PARD6G-AS1	0.369543227
glomerulonephritis	16	LINC00856	0.314552553
glomerulonephritis	17	NFIA-AS1	0.303257738
glomerulonephritis	18	MIR22HG	0.302160751
glomerulonephritis	19	LINC00477	0.296195766
glomerulonephritis	20	IL10RB-AS1	0.289862219
glomerulonephritis	21	KCTD21-AS1	0.275940506
glomerulonephritis	22	LINC01098	0.264442906
glomerulonephritis	23	GATA3-AS1	0.253707953
glomerulonephritis	24	LINC01531	0.238601602
glomerulonephritis	25	HPN-AS1	0.22625072
glomerulonephritis	26	LINC00336	0.213425091
glomerulonephritis	27	ATE1-AS1	0.208682651
glomerulonephritis	28	MIR4435-2HG	0.187043055
glomerulonephritis	29	LINC00942	0.16654499
glomerulonephritis	30	PSMB8-AS1	0.162116727
carbohydrate metabolic disorder	1	KCNQ1OT1	0.707132239
carbohydrate metabolic disorder	2	LINC01098	0.665592362
carbohydrate metabolic disorder	3	LINC01387	0.614860988
carbohydrate metabolic disorder	4	LINC00856	0.559621058
carbohydrate metabolic disorder	5	SERTAD4-AS1	0.496193293
carbohydrate metabolic disorder	6	JAZF1-AS1	0.485402065
carbohydrate metabolic disorder	7	LINC00942	0.459497003
carbohydrate metabolic disorder	8	IL10RB-AS1	0.439057838
carbohydrate metabolic disorder	9	LMCD1-AS1	0.432180512
carbohydrate metabolic disorder	10	LINC00922	0.416472579
carbohydrate metabolic disorder	11	NCAM1-AS1	0.388655934

carbohydrate metabolic disorder	12	LINC01588	0.363789931
carbohydrate metabolic disorder	13	DSCR9	0.334580832
carbohydrate metabolic disorder	14	PARD6G-AS1	0.333556805
carbohydrate metabolic disorder	15	TEX41	0.309376792
carbohydrate metabolic disorder	16	GATA3-AS1	0.299263246
carbohydrate metabolic disorder	17	LINC01531	0.294017831
carbohydrate metabolic disorder	18	HPN-AS1	0.286205005
carbohydrate metabolic disorder	19	ATE1-AS1	0.27810917
carbohydrate metabolic disorder	20	LINC00477	0.262909544
carbohydrate metabolic disorder	21	LINC00336	0.256486369
carbohydrate metabolic disorder	22	KCTD21-AS1	0.251032802
carbohydrate metabolic disorder	23	PSMB8-AS1	0.2386192
carbohydrate metabolic disorder	24	MIR7-3HG	0.235532375
carbohydrate metabolic disorder	25	TRERNA1	0.199874669
carbohydrate metabolic disorder	26	CASC15	0.195474297
carbohydrate metabolic disorder	27	MYCNOS	0.194149663
carbohydrate metabolic disorder	28	HAND2-AS1	0.182781505
carbohydrate metabolic disorder	29	NPSR1-AS1	0.158401787
carbohydrate metabolic disorder	30	LINC00663	0.155884625
adenocarcinoma	1	HNF1A-AS1	0.998586281
adenocarcinoma	2	AFAP1-AS1	0.989627058
adenocarcinoma	3	MEG3	0.988125967
adenocarcinoma	4	NEAT1	0.965674262
adenocarcinoma	5	CCAT2	0.963802455
adenocarcinoma	6	H19	0.960383751
adenocarcinoma	7	GAS5	0.958310646
adenocarcinoma	8	LINC00675	0.947106562
adenocarcinoma	9	MALAT1	0.947094452
adenocarcinoma	10	HOTAIR	0.944094187
adenocarcinoma	11	HOTTIP	0.933923626
adenocarcinoma	12	TTY2	0.933212154
adenocarcinoma	13	PWAR5	0.922328576
adenocarcinoma	14	RAD51-AS1	0.815363957
adenocarcinoma	15	DIO3OS	0.812194007
adenocarcinoma	16	LINC01081	0.806858966
adenocarcinoma	17	FMR1-AS1	0.797930646
adenocarcinoma	18	TTY4	0.759256081
adenocarcinoma	19	APTR	0.699573636
adenocarcinoma	20	ADORA2A-AS1	0.694056401
adenocarcinoma	21	LINC00293	0.687514429
adenocarcinoma	22	CARMN	0.681603776
adenocarcinoma	23	XACT	0.679149636
adenocarcinoma	24	LINC01587	0.678566498
adenocarcinoma	25	HELLPAR	0.653197922
adenocarcinoma	26	LINC00942	0.63933801
adenocarcinoma	27	LINC01387	0.612707077
adenocarcinoma	28	LINC00922	0.605993156

adenocarcinoma	29	ATE1-AS1	0.603771011
adenocarcinoma	30	LINC00856	0.601506996
germ cell cancer	1	LINC01556	0.774120435
germ cell cancer	2	ESRG	0.727325324
germ cell cancer	3	PICSAR	0.719735005
germ cell cancer	4	VLDLR-AS1	0.6996513
germ cell cancer	5	OLMALINC	0.657710829
germ cell cancer	6	PEG3-AS1	0.627840604
germ cell cancer	7	LINC00319	0.589822776
germ cell cancer	8	FBXW7-AS1	0.575410005
germ cell cancer	9	MHRT	0.56779359
germ cell cancer	10	MEG8	0.536428214
germ cell cancer	11	NORAD	0.530226963
germ cell cancer	12	OIP5-AS1	0.528226963
germ cell cancer	13	LINC01235	0.521475005
germ cell cancer	14	MIR137HG	0.509848298
germ cell cancer	15	DSCR10	0.47506568
germ cell cancer	16	LRRC3DN	0.471800082
germ cell cancer	17	LINC00479	0.468310555
germ cell cancer	18	MESTIT1	0.466824295
germ cell cancer	19	ABALON	0.466824295
germ cell cancer	20	LINC01587	0.455864708
germ cell cancer	21	ADORA2A-AS1	0.454240192
germ cell cancer	22	SNHG11	0.446243725
germ cell cancer	23	TTY4	0.442694416
germ cell cancer	24	APTR	0.442694416
germ cell cancer	25	PARTICL	0.442694416
germ cell cancer	26	DIO3OS	0.412792791
germ cell cancer	27	NBR2	0.409691158
germ cell cancer	28	MIR4435-2HG	0.404531556
germ cell cancer	29	PWAR4	0.402908943
germ cell cancer	30	HCG9	0.396297909
testicular cancer	1	TDRG1	0.942874966
testicular cancer	2	XIST	0.871056153
testicular cancer	3	VLDLR-AS1	0.856358593
testicular cancer	4	LINC00319	0.84530566
testicular cancer	5	MHRT	0.775971056
testicular cancer	6	OLMALINC	0.74055034
testicular cancer	7	FBXW7-AS1	0.698484745
testicular cancer	8	DSCR10	0.691749895
testicular cancer	9	MIR137HG	0.690148108
testicular cancer	10	MEG8	0.568377971
testicular cancer	11	PEG3-AS1	0.565785498
testicular cancer	12	NORAD	0.557154838
testicular cancer	13	MESTIT1	0.503334126
testicular cancer	14	LRRC3DN	0.435932416
testicular cancer	15	ABALON	0.412038643



testicular cancer	16	MIR4435-2HG	0.385778487
testicular cancer	17	LINC01235	0.375594519
testicular cancer	18	GNG12-AS1	0.366160674
testicular cancer	19	COL18A1-AS1	0.353633803
testicular cancer	20	PARTICL	0.352989528
testicular cancer	21	GHRLOS	0.346630118
testicular cancer	22	PCAT4	0.324386703
testicular cancer	23	NFIA-AS1	0.319823302
testicular cancer	24	GPR1-AS	0.317736741
testicular cancer	25	NBR2	0.306529925
testicular cancer	26	LINC00315	0.305456401
testicular cancer	27	DIO3OS	0.299120197
testicular cancer	28	HLA-F-AS1	0.289941024
testicular cancer	29	NUP50-AS1	0.284209109
testicular cancer	30	DBET	0.281982411
breast ductal carcinoma	1	H19	0.995418568
breast ductal carcinoma	2	AFAP1-AS1	0.993754462
breast ductal carcinoma	3	HOTTIP	0.992990717
breast ductal carcinoma	4	LINC00675	0.962492075
breast ductal carcinoma	5	VLDLR-AS1	0.954684405
breast ductal carcinoma	6	OLMALINC	0.940641355
breast ductal carcinoma	7	PEG3-AS1	0.877019037
breast ductal carcinoma	8	MIR22HG	0.783798485
breast ductal carcinoma	9	DSCR9	0.777829025
breast ductal carcinoma	10	PARD6G-AS1	0.775393786
breast ductal carcinoma	11	IL10RB-AS1	0.743681936
breast ductal carcinoma	12	LMCD1-AS1	0.711801657
breast ductal carcinoma	13	LINC00856	0.708164825
breast ductal carcinoma	14	SERTAD4-AS1	0.698622472
breast ductal carcinoma	15	NCAM1-AS1	0.656388058
breast ductal carcinoma	16	JAZF1-AS1	0.652823349
breast ductal carcinoma	17	LINC01588	0.608489682
breast ductal carcinoma	18	LINC00922	0.539163815
breast ductal carcinoma	19	LINC01387	0.53414013
breast ductal carcinoma	20	LINC00477	0.522013321
breast ductal carcinoma	21	GATA3-AS1	0.508948675
breast ductal carcinoma	22	LINC00336	0.502293864
breast ductal carcinoma	23	LINC01098	0.481572991
breast ductal carcinoma	24	TEX41	0.480735766
breast ductal carcinoma	25	ATE1-AS1	0.47160442
breast ductal carcinoma	26	HPN-AS1	0.430994527
breast ductal carcinoma	27	KCTD21-AS1	0.387958379
breast ductal carcinoma	28	LINC01531	0.364628157
breast ductal carcinoma	29	LINC00942	0.287367264
breast ductal carcinoma	30	PSMB8-AS1	0.266807664
invasive ductal carcinoma	1	HOTTIP	0.979960631
invasive ductal carcinoma	2	H19	0.974482239

invasive ductal carcinoma	3	AFAP1-AS1	0.973560052
invasive ductal carcinoma	4	LINC01081	0.919482564
invasive ductal carcinoma	5	HAS2-AS1	0.917172108
invasive ductal carcinoma	6	MIR22HG	0.899228845
invasive ductal carcinoma	7	ADORA2A-AS1	0.826415237
invasive ductal carcinoma	8	LINC01588	0.765784284
invasive ductal carcinoma	9	LINC01387	0.753284927
invasive ductal carcinoma	10	LINC00477	0.730319845
invasive ductal carcinoma	11	LINC00856	0.723043312
invasive ductal carcinoma	12	NCAM1-AS1	0.712424166
invasive ductal carcinoma	13	LINC00942	0.711689357
invasive ductal carcinoma	14	LMCD1-AS1	0.687416568
invasive ductal carcinoma	15	IL10RB-AS1	0.684424552
invasive ductal carcinoma	16	PARD6G-AS1	0.618737354
invasive ductal carcinoma	17	LINC00336	0.607082079
invasive ductal carcinoma	18	TEX41	0.568555196
invasive ductal carcinoma	19	DSCR9	0.547340417
invasive ductal carcinoma	20	LINC01098	0.522876043
invasive ductal carcinoma	21	GATA3-AS1	0.514767407
invasive ductal carcinoma	22	LINC01531	0.493969848
invasive ductal carcinoma	23	HPN-AS1	0.445795953
invasive ductal carcinoma	24	ATE1-AS1	0.445295637
invasive ductal carcinoma	25	KCTD21-AS1	0.421368452
invasive ductal carcinoma	26	JAZF1-AS1	0.411199321
invasive ductal carcinoma	27	LINC00922	0.403990741
invasive ductal carcinoma	28	SERTAD4-AS1	0.377084889
invasive ductal carcinoma	29	PSMB8-AS1	0.327352388
invasive ductal carcinoma	30	APTR	0.319336381
substance-related disorder	1	MEG3	0.735361959
substance-related disorder	2	MIAT	0.645013907
substance-related disorder	3	HAS2-AS1	0.613462329
substance-related disorder	4	ADORA2A-AS1	0.535185449
substance-related disorder	5	COL18A1-AS1	0.534819967
substance-related disorder	6	LINC00922	0.532595791
substance-related disorder	7	LINC00856	0.48629467
substance-related disorder	8	SERTAD4-AS1	0.482201874
substance-related disorder	9	JAZF1-AS1	0.452063443
substance-related disorder	10	IL10RB-AS1	0.424370689
substance-related disorder	11	PARD6G-AS1	0.421259892
substance-related disorder	12	LMCD1-AS1	0.406115939
substance-related disorder	13	NCAM1-AS1	0.375325595
substance-related disorder	14	LINC00336	0.365528598
substance-related disorder	15	LINC00477	0.357921939
substance-related disorder	16	LINC01098	0.346892313
substance-related disorder	17	LINC01387	0.344743377
substance-related disorder	18	DSCR9	0.337084063
substance-related disorder	19	HPN-AS1	0.324023446

substance-related disorder	20	ATE1-AS1	0.281016445
substance-related disorder	21	LINC01531	0.263712928
substance-related disorder	22	KCTD21-AS1	0.263097897
substance-related disorder	23	TEX41	0.247069886
substance-related disorder	24	GATA3-AS1	0.238038285
substance-related disorder	25	PSMB8-AS1	0.234561536
substance-related disorder	26	LINC01588	0.209560309
substance-related disorder	27	LINC00942	0.201724549
substance-related disorder	28	NFIA-AS1	0.197709371
substance-related disorder	29	MIR4435-2HG	0.192473703
substance-related disorder	30	ABALON	0.190729886
carcinoma	1	SPRY4-IT1	0.998948097
carcinoma	2	HOTAIR	0.998507945
carcinoma	3	DISC2	0.9977328
carcinoma	4	PTCSC2	0.996214971
carcinoma	5	LINC01133	0.992908663
carcinoma	6	ESRG	0.991548921
carcinoma	7	ZEB1-AS1	0.990449285
carcinoma	8	LINC00687	0.987904578
carcinoma	9	TINCR	0.98622373
carcinoma	10	NEAT1	0.985588095
carcinoma	11	MEG3	0.982054017
carcinoma	12	LINC00675	0.981048319
carcinoma	13	H19	0.977835379
carcinoma	14	HNF1A-AS1	0.976184164
carcinoma	15	LINC00974	0.967488431
carcinoma	16	KCNQ1OT1	0.964036964
carcinoma	17	HCP5	0.957731294
carcinoma	18	PTCSC3	0.957380787
carcinoma	19	CYTOR	0.953703303
carcinoma	20	MIR17HG	0.950147191
carcinoma	21	PANDAR	0.945980337
carcinoma	22	HCCAT5	0.943267176
carcinoma	23	TUSC7	0.943267176
carcinoma	24	GHET1	0.942708314
carcinoma	25	DBH-AS1	0.942708314
carcinoma	26	PVT1	0.941974714
carcinoma	27	NPTN-IT1	0.940497837
carcinoma	28	CDKN2B-AS1	0.936175542
carcinoma	29	GACAT2	0.933939073
carcinoma	30	HULC	0.931773682
glioblastoma multiforme	1	HOTAIR	0.980997167
glioblastoma multiforme	2	LINC01081	0.956005592
glioblastoma multiforme	3	HAS2-AS1	0.931157706
glioblastoma multiforme	4	RAD51-AS1	0.884633818
glioblastoma multiforme	5	SERTAD4-AS1	0.874408558
glioblastoma multiforme	6	LINC01588	0.843646468

glioblastoma multiforme	7	LINC00336	0.805107712
glioblastoma multiforme	8	DSCR9	0.800372355
glioblastoma multiforme	9	TEX41	0.753279128
glioblastoma multiforme	10	LMCD1-AS1	0.670218612
glioblastoma multiforme	11	JAZF1-AS1	0.561515392
glioblastoma multiforme	12	IL10RB-AS1	0.545645961
glioblastoma multiforme	13	MIR22HG	0.545206543
glioblastoma multiforme	14	ADORA2A-AS1	0.502437186
glioblastoma multiforme	15	PARD6G-AS1	0.49563132
glioblastoma multiforme	16	NCAM1-AS1	0.484065696
glioblastoma multiforme	17	LINC01387	0.470273357
glioblastoma multiforme	18	LINC00942	0.465252893
glioblastoma multiforme	19	LINC00922	0.455448866
glioblastoma multiforme	20	GATA3-AS1	0.448120886
glioblastoma multiforme	21	LINC01531	0.429854812
glioblastoma multiforme	22	HPN-AS1	0.419154379
glioblastoma multiforme	23	LINC00856	0.40771185
glioblastoma multiforme	24	LINC01098	0.394985066
glioblastoma multiforme	25	KCTD21-AS1	0.39195739
glioblastoma multiforme	26	ATE1-AS1	0.390194261
glioblastoma multiforme	27	NFIA-AS1	0.384973326
glioblastoma multiforme	28	PSMB8-AS1	0.36707515
glioblastoma multiforme	29	MIR4435-2HG	0.353300206
glioblastoma multiforme	30	LINC00477	0.35277746
astrocytoma	1	H19	0.937564263
astrocytoma	2	HOTAIR	0.904915519
astrocytoma	3	LINC01081	0.879459693
astrocytoma	4	RAD51-AS1	0.841540348
astrocytoma	5	HAS2-AS1	0.827140162
astrocytoma	6	ADORA2A-AS1	0.801627929
astrocytoma	7	MIR4435-2HG	0.784683036
astrocytoma	8	MIR22HG	0.74822454
astrocytoma	9	HELLPAR	0.708395621
astrocytoma	10	APTR	0.589892803
astrocytoma	11	ABALON	0.585975128
astrocytoma	12	GHRLOS	0.580615224
astrocytoma	13	COL18A1-AS1	0.57082779
astrocytoma	14	PARTICL	0.560101925
astrocytoma	15	LINC00293	0.548333812
astrocytoma	16	LINC00575	0.542216422
astrocytoma	17	TTY2	0.513028588
astrocytoma	18	LINC01587	0.500058367
astrocytoma	19	LINC00479	0.498625308
astrocytoma	20	TTY4	0.4864135
astrocytoma	21	NUP50-AS1	0.482233746
astrocytoma	22	LINC00273	0.478108091
astrocytoma	23	XACT	0.473858573

astrocytoma	24	NFIA-AS1	0.444084273
astrocytoma	25	PARD6G-AS1	0.43880249
astrocytoma	26	JAZF1-AS1	0.437233958
astrocytoma	27	LINC00856	0.436440798
astrocytoma	28	TEX41	0.435744323
astrocytoma	29	LINC01588	0.395931315
astrocytoma	30	SERTAD4-AS1	0.386843857
malignant glioma	1	CASC2	0.998710037
malignant glioma	2	H19	0.997028411
malignant glioma	3	HYMAI	0.982581248
malignant glioma	4	MEG3	0.977829154
malignant glioma	5	CRNDE	0.97195055
malignant glioma	6	MALAT1	0.961188003
malignant glioma	7	HOTAIR	0.960514373
malignant glioma	8	SPRY4-IT1	0.954858709
malignant glioma	9	MIR22HG	0.949991412
malignant glioma	10	RAD51-AS1	0.925632479
malignant glioma	11	LINC01602	0.924074261
malignant glioma	12	NUP50-AS1	0.912886246
malignant glioma	13	FAM30A	0.908274857
malignant glioma	14	HAS2-AS1	0.900942173
malignant glioma	15	OLMALINC	0.895545529
malignant glioma	16	LINC00273	0.865380723
malignant glioma	17	CADM3-AS1	0.846828168
malignant glioma	18	TTY4	0.840700929
malignant glioma	19	CARMN	0.780606959
malignant glioma	20	LINC00319	0.761772788
malignant glioma	21	DBET	0.758809624
malignant glioma	22	DISC1FP1	0.754729714
malignant glioma	23	PWAR5	0.71999829
malignant glioma	24	LINC00479	0.688705492
malignant glioma	25	VLDLR-AS1	0.624640847
malignant glioma	26	LINC01235	0.62389336
malignant glioma	27	LINC00575	0.623561588
malignant glioma	28	LINC00315	0.573934424
malignant glioma	29	PWRN1	0.56072927
malignant glioma	30	GHRLOS	0.557866466
nervous system cancer	1	BANCR	0.987518781
nervous system cancer	2	MEG3	0.984779165
nervous system cancer	3	MYCNOS	0.9625295
nervous system cancer	4	MIR17HG	0.946608337
nervous system cancer	5	H19	0.946060061
nervous system cancer	6	MALAT1	0.939194148
nervous system cancer	7	MIR155HG	0.914047573
nervous system cancer	8	PVT1	0.883206532
nervous system cancer	9	LINC00467	0.881648397
nervous system cancer	10	CDKN2B-AS1	0.874984103

nervous system cancer	11	MIR100HG	0.874494001
nervous system cancer	12	BCYRN1	0.871384678
nervous system cancer	13	HAND2-AS1	0.870214596
nervous system cancer	14	CASC15	0.851490985
nervous system cancer	15	NBAT1	0.85146233
nervous system cancer	16	LINC01387	0.836023154
nervous system cancer	17	FAM30A	0.8203496
nervous system cancer	18	LINC00856	0.814570072
nervous system cancer	19	TTY4	0.812570072
nervous system cancer	20	LINC00942	0.810579157
nervous system cancer	21	NUP50-AS1	0.804673116
nervous system cancer	22	LINC00273	0.797203272
nervous system cancer	23	LINC01081	0.794768333
nervous system cancer	24	CADM3-AS1	0.779454146
nervous system cancer	25	JAZF1-AS1	0.776762124
nervous system cancer	26	CARMN	0.769681037
nervous system cancer	27	LINC01588	0.766226963
nervous system cancer	28	DSCR9	0.763389928
nervous system cancer	29	DBET	0.763389928
nervous system cancer	30	DISC1FP1	0.761369687
germ cell and embryonal cancer	1	LINC01556	0.754186597
germ cell and embryonal cancer	2	H19	0.741752156
germ cell and embryonal cancer	3	VLDLR-AS1	0.705206666
germ cell and embryonal cancer	4	OLMALINC	0.635227292
germ cell and embryonal cancer	5	LINC00319	0.569384775
germ cell and embryonal cancer	6	MHRT	0.506813633
germ cell and embryonal cancer	7	FBXW7-AS1	0.50003025
germ cell and embryonal cancer	8	COL18A1-AS1	0.495184824
germ cell and embryonal cancer	9	DSCR9	0.404798553
germ cell and embryonal cancer	10	LINC00477	0.375621923
germ cell and embryonal cancer	11	TEX41	0.365111713
germ cell and embryonal cancer	12	NCAM1-AS1	0.361019854
germ cell and embryonal cancer	13	LINC00922	0.284281305
germ cell and embryonal cancer	14	JAZF1-AS1	0.267572586
germ cell and embryonal cancer	15	LMCD1-AS1	0.261459196
germ cell and embryonal cancer	16	IL10RB-AS1	0.256164953
germ cell and embryonal cancer	17	LINC00336	0.256141583
germ cell and embryonal cancer	18	PARD6G-AS1	0.252880344
germ cell and embryonal cancer	19	SERTAD4-AS1	0.241443112
germ cell and embryonal cancer	20	LINC01098	0.232770776
germ cell and embryonal cancer	21	GATA3-AS1	0.186885451
germ cell and embryonal cancer	22	LINC01531	0.185239884
germ cell and embryonal cancer	23	HPN-AS1	0.18279493
germ cell and embryonal cancer	24	LINC00942	0.181207921
germ cell and embryonal cancer	25	KCTD21-AS1	0.149773859
germ cell and embryonal cancer	26	ATE1-AS1	0.142413192
germ cell and embryonal cancer	27	LINC01387	0.142160121

germ cell and embryonal cancer	28	PSMB8-AS1	0.140115557
germ cell and embryonal cancer	29	LINC00856	0.137762308
germ cell and embryonal cancer	30	LINC01588	0.13698673
hepatobiliary disease	1	MIR17HG	0.928823758
hepatobiliary disease	2	GAS5	0.899950447
hepatobiliary disease	3	LINC01081	0.886315391
hepatobiliary disease	4	RAD51-AS1	0.877243102
hepatobiliary disease	5	HAS2-AS1	0.844210297
hepatobiliary disease	6	DSCR9	0.810851278
hepatobiliary disease	7	LINC00336	0.799771871
hepatobiliary disease	8	LINC01387	0.789786973
hepatobiliary disease	9	LINC00942	0.738870876
hepatobiliary disease	10	JAZF1-AS1	0.691163795
hepatobiliary disease	11	IL10RB-AS1	0.626892246
hepatobiliary disease	12	ADORA2A-AS1	0.574706347
hepatobiliary disease	13	LMCD1-AS1	0.496147513
hepatobiliary disease	14	NCAM1-AS1	0.470661263
hepatobiliary disease	15	LINC00856	0.469978448
hepatobiliary disease	16	SERTAD4-AS1	0.456201192
hepatobiliary disease	17	PARD6G-AS1	0.456031043
hepatobiliary disease	18	TEX41	0.449435864
hepatobiliary disease	19	MIR22HG	0.445053903
hepatobiliary disease	20	NFIA-AS1	0.401852202
hepatobiliary disease	21	LINC00477	0.383966156
hepatobiliary disease	22	LINC01588	0.374784573
hepatobiliary disease	23	LINC00922	0.358823176
hepatobiliary disease	24	GATA3-AS1	0.348688518
hepatobiliary disease	25	MIR4435-2HG	0.342612423
hepatobiliary disease	26	LINC01531	0.337385298
hepatobiliary disease	27	HPN-AS1	0.328950481
hepatobiliary disease	28	LINC01098	0.304492135
hepatobiliary disease	29	PSMB8-AS1	0.301793551
hepatobiliary disease	30	KCTD21-AS1	0.283199781
gastrointestinal system cancer	1	LINC00583	0.998940603
gastrointestinal system cancer	2	LSINCT5	0.998940603
gastrointestinal system cancer	3	GHET1	0.998568313
gastrointestinal system cancer	4	TUSC7	0.996927915
gastrointestinal system cancer	5	HOTAIR	0.995561449
gastrointestinal system cancer	6	DISC2	0.993928632
gastrointestinal system cancer	7	HNFI1A-AS1	0.992932979
gastrointestinal system cancer	8	BCYRN1	0.992730066
gastrointestinal system cancer	9	XIST	0.992495729
gastrointestinal system cancer	10	MALAT1	0.991201435
gastrointestinal system cancer	11	HCP5	0.991137677
gastrointestinal system cancer	12	TUG1	0.990045924
gastrointestinal system cancer	13	KCNQ1OT1	0.989566559
gastrointestinal system cancer	14	GAS5	0.984499684

gastrointestinal system cancer	15	TINCR	0.984499684
gastrointestinal system cancer	16	NPSR1-AS1	0.981908314
gastrointestinal system cancer	17	CAHM	0.980774892
gastrointestinal system cancer	18	NEAT1	0.980774892
gastrointestinal system cancer	19	H19	0.980391364
gastrointestinal system cancer	20	ZEB1-AS1	0.97820648
gastrointestinal system cancer	21	MIR194-2HG	0.977702879
gastrointestinal system cancer	22	LINC00602	0.97732591
gastrointestinal system cancer	23	LINC00974	0.974703013
gastrointestinal system cancer	24	LINC01426	0.974703013
gastrointestinal system cancer	25	UCA1	0.974211183
gastrointestinal system cancer	26	PRNCR1	0.971373295
gastrointestinal system cancer	27	HULC	0.969760846
gastrointestinal system cancer	28	DBH-AS1	0.969245707
gastrointestinal system cancer	29	HOTAIRM1	0.967238422
gastrointestinal system cancer	30	CASC16	0.966030267
gallbladder cancer	1	CCAT1	0.988799353
gallbladder cancer	2	H19	0.982716225
gallbladder cancer	3	MINCR	0.965757232
gallbladder cancer	4	MALAT1	0.944545207
gallbladder cancer	5	HOTAIR	0.923032829
gallbladder cancer	6	VLDLR-AS1	0.906884082
gallbladder cancer	7	PEG3-AS1	0.904863402
gallbladder cancer	8	OLMALINC	0.894179494
gallbladder cancer	9	LINC00319	0.886802211
gallbladder cancer	10	GNG12-AS1	0.883132734
gallbladder cancer	11	MHRT	0.837337332
gallbladder cancer	12	GHRLOS	0.827558963
gallbladder cancer	13	LINC00315	0.79435537
gallbladder cancer	14	FBXW7-AS1	0.791585847
gallbladder cancer	15	LINC01235	0.791461805
gallbladder cancer	16	NBR2	0.787541206
gallbladder cancer	17	LINC01081	0.782893493
gallbladder cancer	18	NUP50-AS1	0.760060391
gallbladder cancer	19	FALEC	0.758569003
gallbladder cancer	20	MIR4435-2HG	0.727473545
gallbladder cancer	21	MEG8	0.718852077
gallbladder cancer	22	LINC01587	0.682880766
gallbladder cancer	23	DISC1FP1	0.671816446
gallbladder cancer	24	RAD51-AS1	0.66946166
gallbladder cancer	25	CECR7	0.657600993
gallbladder cancer	26	GPR1-AS	0.625293558
gallbladder cancer	27	MIR22HG	0.610699241
gallbladder cancer	28	LRRC3DN	0.57549739
gallbladder cancer	29	FAM30A	0.530027391
gallbladder cancer	30	HAS2-AS1	0.478000056
peripheral nerve sheath neoplasm	1	VLDLR-AS1	0.873992779



peripheral nerve sheath neoplasm	2	OLMALINC	0.818864942
peripheral nerve sheath neoplasm	3	PEG3-AS1	0.734427421
peripheral nerve sheath neoplasm	4	MIR137HG	0.681398609
peripheral nerve sheath neoplasm	5	DSCR10	0.660420669
peripheral nerve sheath neoplasm	6	LINC00319	0.546456332
peripheral nerve sheath neoplasm	7	LINC00315	0.53101101
peripheral nerve sheath neoplasm	8	GNG12-AS1	0.49315925
peripheral nerve sheath neoplasm	9	FBXW7-AS1	0.472976101
peripheral nerve sheath neoplasm	10	ABALON	0.432138643
peripheral nerve sheath neoplasm	11	HELLPAR	0.414266655
peripheral nerve sheath neoplasm	12	FMR1-AS1	0.354616578
peripheral nerve sheath neoplasm	13	PARTICL	0.347771544
peripheral nerve sheath neoplasm	14	MESTIT1	0.341769297
peripheral nerve sheath neoplasm	15	GHRLOS	0.335480777
peripheral nerve sheath neoplasm	16	MHRT	0.332324673
peripheral nerve sheath neoplasm	17	COL18A1-AS1	0.30628839
peripheral nerve sheath neoplasm	18	MIR22HG	0.298193195
peripheral nerve sheath neoplasm	19	APTR	0.295798858
peripheral nerve sheath neoplasm	20	NBR2	0.291247934
peripheral nerve sheath neoplasm	21	NFIA-AS1	0.284711503
peripheral nerve sheath neoplasm	22	DIO3OS	0.282131699
peripheral nerve sheath neoplasm	23	NUP50-AS1	0.281471829
peripheral nerve sheath neoplasm	24	GPR1-AS	0.281419533
peripheral nerve sheath neoplasm	25	LINC01081	0.276640296
peripheral nerve sheath neoplasm	26	LINC01387	0.271608617
peripheral nerve sheath neoplasm	27	LINC00856	0.264599963
peripheral nerve sheath neoplasm	28	IL10RB-AS1	0.261971656
peripheral nerve sheath neoplasm	29	LMCD1-AS1	0.258388867
peripheral nerve sheath neoplasm	30	SERTAD4-AS1	0.258164782
demyelinating disease	1	IFNG-AS1	0.842355638
demyelinating disease	2	LINC01081	0.771799516
demyelinating disease	3	RAD51-AS1	0.698922239
demyelinating disease	4	HAS2-AS1	0.696857901
demyelinating disease	5	IL10RB-AS1	0.693402193
demyelinating disease	6	LINC00336	0.688220781
demyelinating disease	7	ADORA2A-AS1	0.676009065
demyelinating disease	8	JAZF1-AS1	0.627979166
demyelinating disease	9	SERTAD4-AS1	0.625044229
demyelinating disease	10	TEX41	0.605820085
demyelinating disease	11	NCAM1-AS1	0.561952812
demyelinating disease	12	PARD6G-AS1	0.54257322
demyelinating disease	13	LMCD1-AS1	0.516885311
demyelinating disease	14	LINC00856	0.504211066
demyelinating disease	15	NFIA-AS1	0.48826843
demyelinating disease	16	DSCR9	0.479974806
demyelinating disease	17	LINC01387	0.466059303
demyelinating disease	18	LINC00922	0.459715703

demyelinating disease	19	LINC00477	0.446552211
demyelinating disease	20	LINC01588	0.445788458
demyelinating disease	21	PSMB8-AS1	0.429898609
demyelinating disease	22	HPN-AS1	0.425020527
demyelinating disease	23	KCTD21-AS1	0.418169962
demyelinating disease	24	MIR4435-2HG	0.400822984
demyelinating disease	25	MIR22HG	0.390640981
demyelinating disease	26	ATE1-AS1	0.380155084
demyelinating disease	27	LINC00942	0.371601134
demyelinating disease	28	LINC01531	0.36676724
demyelinating disease	29	GATA3-AS1	0.3538249
demyelinating disease	30	LINC01098	0.344980901
rhabdomyosarcoma	1	RMST	0.765489645
rhabdomyosarcoma	2	MIR137HG	0.628494633
rhabdomyosarcoma	3	DSCR10	0.618278284
rhabdomyosarcoma	4	VLDLR-AS1	0.616893721
rhabdomyosarcoma	5	OLMALINC	0.499718995
rhabdomyosarcoma	6	MESTIT1	0.420291865
rhabdomyosarcoma	7	MHRT	0.40251161
rhabdomyosarcoma	8	LINC00319	0.371312355
rhabdomyosarcoma	9	MEG8	0.336027405
rhabdomyosarcoma	10	FBXW7-AS1	0.309438581
rhabdomyosarcoma	11	PEG3-AS1	0.309438581
rhabdomyosarcoma	12	LRRC3DN	0.302226321
rhabdomyosarcoma	13	NORAD	0.291659724
rhabdomyosarcoma	14	LINC01235	0.28808501
rhabdomyosarcoma	15	LINC01588	0.283975565
rhabdomyosarcoma	16	LINC01387	0.281006675
rhabdomyosarcoma	17	PARD6G-AS1	0.271296268
rhabdomyosarcoma	18	DSCR9	0.270500691
rhabdomyosarcoma	19	LINC00856	0.238533871
rhabdomyosarcoma	20	TEX41	0.237589306
rhabdomyosarcoma	21	LINC00922	0.235968648
rhabdomyosarcoma	22	LINC00942	0.22160426
rhabdomyosarcoma	23	GATA3-AS1	0.217545849
rhabdomyosarcoma	24	LINC01531	0.216976052
rhabdomyosarcoma	25	HPN-AS1	0.209603371
rhabdomyosarcoma	26	SERTAD4-AS1	0.198908095
rhabdomyosarcoma	27	PSMB8-AS1	0.198908095
rhabdomyosarcoma	28	ATE1-AS1	0.190284928
rhabdomyosarcoma	29	KCTD21-AS1	0.188752643
rhabdomyosarcoma	30	LINC00336	0.187227767
germinoma	1	VLDLR-AS1	0.637203991
germinoma	2	OLMALINC	0.523506953
germinoma	3	LINC00319	0.431686277
germinoma	4	MHRT	0.402748725
germinoma	5	HAS2-AS1	0.360657641

germinoma	6	ADORA2A-AS1	0.330766885
germinoma	7	COL18A1-AS1	0.305862797
germinoma	8	LINC00477	0.296763997
germinoma	9	LINC00922	0.289854349
germinoma	10	LINC00942	0.258465182
germinoma	11	LINC00336	0.256888825
germinoma	12	JAZF1-AS1	0.248690419
germinoma	13	SERTAD4-AS1	0.239011904
germinoma	14	LMCD1-AS1	0.237947547
germinoma	15	IL10RB-AS1	0.217545302
germinoma	16	PARD6G-AS1	0.214132515
germinoma	17	LINC00856	0.213221611
germinoma	18	NCAM1-AS1	0.19489923
germinoma	19	TEX41	0.185064886
germinoma	20	LINC01387	0.183580711
germinoma	21	DSCR9	0.180945591
germinoma	22	GATA3-AS1	0.172277215
germinoma	23	LINC01531	0.168638347
germinoma	24	HPN-AS1	0.160222265
germinoma	25	ATE1-AS1	0.158966364
germinoma	26	LINC01588	0.15271628
germinoma	27	PSMB8-AS1	0.149129154
germinoma	28	KCTD21-AS1	0.145740765
germinoma	29	LINC01098	0.143960794
germinoma	30	NFIA-AS1	0.13040777
teratoma	1	LINC01556	0.837400045
teratoma	2	MHRT	0.65513897
teratoma	3	LINC00319	0.644085385
teratoma	4	VLDLR-AS1	0.619889595
teratoma	5	FBXW7-AS1	0.484218907
teratoma	6	OLMALINC	0.463270382
teratoma	7	MIR137HG	0.407400192
teratoma	8	DSCR10	0.377477877
teratoma	9	PEG3-AS1	0.350377335
teratoma	10	MEG8	0.317879251
teratoma	11	NORAD	0.276448349
teratoma	12	MESTIT1	0.271680994
teratoma	13	LINC01602	0.265044333
teratoma	14	LRRC3DN	0.242396576
teratoma	15	GABPB1-AS1	0.238222892
teratoma	16	OIP5-AS1	0.231329691
teratoma	17	LINC01235	0.194013191
teratoma	18	HLA-F-AS1	0.190558483
teratoma	19	HCG9	0.189870111
teratoma	20	SNHG11	0.168471185
teratoma	21	SNHG1	0.167273788
teratoma	22	IGF2-AS	0.16218625

teratoma	23	TP73-AS1	0.156619724
teratoma	24	PWAR4	0.154184694
teratoma	25	LINC00299	0.151917922
teratoma	26	LINC01628	0.150793392
teratoma	27	ERICH1-AS1	0.146628502
teratoma	28	B3GALT5-AS1	0.141456396
teratoma	29	CCAT2	0.141456396
teratoma	30	SNHG12	0.140503064
embryonal carcinoma	1	HAS2-AS1	0.87287301
embryonal carcinoma	2	ADORA2A-AS1	0.762614485
embryonal carcinoma	3	MIR22HG	0.749088729
embryonal carcinoma	4	COL18A1-AS1	0.745000247
embryonal carcinoma	5	LINC00922	0.600344216
embryonal carcinoma	6	LMCD1-AS1	0.583007713
embryonal carcinoma	7	IL10RB-AS1	0.483814254
embryonal carcinoma	8	LINC01387	0.475739011
embryonal carcinoma	9	LINC00856	0.469025318
embryonal carcinoma	10	SERTAD4-AS1	0.448551256
embryonal carcinoma	11	LINC00477	0.365755539
embryonal carcinoma	12	JAZF1-AS1	0.362184122
embryonal carcinoma	13	PARD6G-AS1	0.317429461
embryonal carcinoma	14	PSMB8-AS1	0.312116486
embryonal carcinoma	15	LINC01098	0.290303714
embryonal carcinoma	16	ATE1-AS1	0.278036937
embryonal carcinoma	17	GATA3-AS1	0.255167215
embryonal carcinoma	18	LINC01531	0.226659961
embryonal carcinoma	19	HPN-AS1	0.215184212
embryonal carcinoma	20	LINC00942	0.207296245
embryonal carcinoma	21	LINC01588	0.197221294
embryonal carcinoma	22	DSCR9	0.194289314
embryonal carcinoma	23	LINC00336	0.194180604
embryonal carcinoma	24	NCAM1-AS1	0.193518697
embryonal carcinoma	25	TEX41	0.192674681
embryonal carcinoma	26	KCTD21-AS1	0.190428548
embryonal carcinoma	27	NFIA-AS1	0.186793281
embryonal carcinoma	28	MIR4435-2HG	0.160876359
embryonal carcinoma	29	ABALON	0.160551085
embryonal carcinoma	30	APTR	0.159437822
central nervous system disease	1	ATXN8OS	0.9942077
central nervous system disease	2	TUG1	0.983959915
central nervous system disease	3	CDKN2B-AS1	0.977503086
central nervous system disease	4	IFNG-AS1	0.974598487
central nervous system disease	5	LINC01080	0.960913884
central nervous system disease	6	HAR1A	0.951898691
central nervous system disease	7	MEG3	0.925626474
central nervous system disease	8	BCYRN1	0.925416321
central nervous system disease	9	XIST	0.90225837

central nervous system disease	10	CDKN2A-AS1	0.88128727
central nervous system disease	11	LINC01184	0.876118737
central nervous system disease	12	COL18A1-AS1	0.867263194
central nervous system disease	13	NUP50-AS1	0.830629069
central nervous system disease	14	LINC01081	0.816757312
central nervous system disease	15	RAD51-AS1	0.816104668
central nervous system disease	16	PARTICL	0.813442006
central nervous system disease	17	ADORA2A-AS1	0.798254992
central nervous system disease	18	NFIA-AS1	0.792559644
central nervous system disease	19	ABALON	0.790074689
central nervous system disease	20	COPG2IT1	0.775937588
central nervous system disease	21	CARMN	0.762189193
central nervous system disease	22	LINC00293	0.753945209
central nervous system disease	23	MIR4435-2HG	0.747393387
central nervous system disease	24	HAS2-AS1	0.739872616
central nervous system disease	25	GHRLOS	0.696137383
central nervous system disease	26	LINC00479	0.690059
central nervous system disease	27	CASC8	0.6692629
central nervous system disease	28	GNG12-AS1	0.667379271
central nervous system disease	29	DIO3OS	0.634651055
central nervous system disease	30	PWRN1	0.634403791
bipolar disorder	1	HCG9	0.832294462
bipolar disorder	2	DAOA-AS1	0.765261106
bipolar disorder	3	MIR7-3HG	0.764016685
bipolar disorder	4	TRERNA1	0.755994897
bipolar disorder	5	CAHM	0.718219626
bipolar disorder	6	NCRUPAR	0.71571875
bipolar disorder	7	HCCAT5	0.687196047
bipolar disorder	8	CYTOR	0.655798914
bipolar disorder	9	MIR194-2HG	0.633010437
bipolar disorder	10	LINC00974	0.631906523
bipolar disorder	11	LINC00687	0.62587498
bipolar disorder	12	DBH-AS1	0.603455097
bipolar disorder	13	LINC00602	0.601663011
bipolar disorder	14	EGOT	0.591851853
bipolar disorder	15	ADORA2A-AS1	0.584505851
bipolar disorder	16	COL18A1-AS1	0.582645818
bipolar disorder	17	GHRLOS	0.570931533
bipolar disorder	18	LINC00963	0.563562162
bipolar disorder	19	PCAT5	0.563562162
bipolar disorder	20	LUCAT1	0.55983528
bipolar disorder	21	MIR4435-2HG	0.542627329
bipolar disorder	22	BCAR4	0.51561458
bipolar disorder	23	C5orf66-AS2	0.514487592
bipolar disorder	24	LINC-ROR	0.504170038
bipolar disorder	25	LINC-PINT	0.497481464
bipolar disorder	26	RAD51-AS1	0.490235561

bipolar disorder	27	TARID	0.484502366
bipolar disorder	28	LINC00032	0.478707295
bipolar disorder	29	LINC00654	0.476255495
bipolar disorder	30	FAM83H-AS1	0.474523851
mood disorder	1	PWAR4	0.947994431
mood disorder	2	MCHR2-AS1	0.947724311
mood disorder	3	HCG9	0.925596056
mood disorder	4	DISC2	0.88700402
mood disorder	5	CYTOR	0.869447718
mood disorder	6	LINC00602	0.841502029
mood disorder	7	HCCAT5	0.823482106
mood disorder	8	LINC00687	0.815961326
mood disorder	9	LINC00974	0.799723706
mood disorder	10	DBH-AS1	0.799723706
mood disorder	11	MIR194-2HG	0.795935144
mood disorder	12	LINC00479	0.793760536
mood disorder	13	EGOT	0.784976727
mood disorder	14	ADORA2A-AS1	0.766888548
mood disorder	15	TTY4	0.765452065
mood disorder	16	ABALON	0.736608243
mood disorder	17	PARTICL	0.725473391
mood disorder	18	MIR4435-2HG	0.715759105
mood disorder	19	GHRLOS	0.707226059
mood disorder	20	LINC01587	0.703470169
mood disorder	21	NBR2	0.700204771
mood disorder	22	FMR1-AS1	0.698483429
mood disorder	23	HAS2-AS1	0.695908199
mood disorder	24	NFIA-AS1	0.692674161
mood disorder	25	RAD51-AS1	0.687294456
mood disorder	26	PWAR5	0.684412805
mood disorder	27	COL18A1-AS1	0.677635786
mood disorder	28	LINC01081	0.671045328
mood disorder	29	DIO3OS	0.661637902
mood disorder	30	GNG12-AS1	0.656115821
bone inflammation disease	1	H19	0.997107715
bone inflammation disease	2	GAS5	0.966303922
bone inflammation disease	3	HOTAIR	0.936595025
bone inflammation disease	4	MIR155HG	0.915160484
bone inflammation disease	5	LINC01081	0.914100747
bone inflammation disease	6	HAS2-AS1	0.898339383
bone inflammation disease	7	RAD51-AS1	0.87546649
bone inflammation disease	8	NBR2	0.711545842
bone inflammation disease	9	ADORA2A-AS1	0.675705179
bone inflammation disease	10	NFIA-AS1	0.64905191
bone inflammation disease	11	MIR4435-2HG	0.628618953
bone inflammation disease	12	COL18A1-AS1	0.626858553
bone inflammation disease	13	GHRLOS	0.574198123

bone inflammation disease	14	LINC00315	0.477997069
bone inflammation disease	15	LINC00511	0.46886435
bone inflammation disease	16	LINC00473	0.467071396
bone inflammation disease	17	TTY15	0.441461206
bone inflammation disease	18	TDRG1	0.43939678
bone inflammation disease	19	NCRUPAR	0.409142554
bone inflammation disease	20	CAHM	0.387528885
bone inflammation disease	21	PARTICL	0.367852019
bone inflammation disease	22	LINC01588	0.362916831
bone inflammation disease	23	GATA3-AS1	0.316289641
bone inflammation disease	24	KCTD21-AS1	0.309183607
bone inflammation disease	25	PARD6G-AS1	0.29906044
bone inflammation disease	26	IL10RB-AS1	0.287121217
bone inflammation disease	27	LMCD1-AS1	0.268776923
bone inflammation disease	28	LINC00856	0.26587508
bone inflammation disease	29	LINC00942	0.263011318
bone inflammation disease	30	SERTAD4-AS1	0.255135187
osteosarcoma	1	MIR17HG	0.998333911
osteosarcoma	2	MALAT1	0.998326397
osteosarcoma	3	TUSC7	0.997693951
osteosarcoma	4	HCG4	0.973948068
osteosarcoma	5	MEG3	0.970588338
osteosarcoma	6	UCA1	0.967815864
osteosarcoma	7	HOTAIR	0.938252733
osteosarcoma	8	HULC	0.934514265
osteosarcoma	9	TUG1	0.930330744
osteosarcoma	10	FAM30A	0.913211943
osteosarcoma	11	PWAR5	0.912079481
osteosarcoma	12	LINC01081	0.90394918
osteosarcoma	13	TTY2	0.899401588
osteosarcoma	14	CARMN	0.885312238
osteosarcoma	15	FMR1-AS1	0.873723574
osteosarcoma	16	AGAP2-AS1	0.797328385
osteosarcoma	17	GHRLOS	0.771532057
osteosarcoma	18	LRRC3DN	0.755962374
osteosarcoma	19	LINC01235	0.746786184
osteosarcoma	20	PEG3-AS1	0.717747576
osteosarcoma	21	LINC00319	0.705573823
osteosarcoma	22	VLDLR-AS1	0.705560067
osteosarcoma	23	OLMALINC	0.702966023
osteosarcoma	24	LINC01587	0.647193315
osteosarcoma	25	NFIA-AS1	0.602957831
osteosarcoma	26	DIO3OS	0.590199949
osteosarcoma	27	PWRN1	0.559554349
osteosarcoma	28	LINC00575	0.553329114
osteosarcoma	29	RAD51-AS1	0.552087829
osteosarcoma	30	NUP50-AS1	0.546812399

fibrosarcoma	1	MALAT1	0.960318215
fibrosarcoma	2	VLDLR-AS1	0.932643051
fibrosarcoma	3	OLMALINC	0.866316567
fibrosarcoma	4	LINC00319	0.851810253
fibrosarcoma	5	FBXW7-AS1	0.830783035
fibrosarcoma	6	PSMB8-AS1	0.775259147
fibrosarcoma	7	DSCR9	0.652414067
fibrosarcoma	8	LMCD1-AS1	0.56482743
fibrosarcoma	9	LINC01588	0.540791528
fibrosarcoma	10	LINC00477	0.534131704
fibrosarcoma	11	JAZF1-AS1	0.530888618
fibrosarcoma	12	SERTAD4-AS1	0.400775488
fibrosarcoma	13	PARD6G-AS1	0.399810928
fibrosarcoma	14	LINC00856	0.359296801
fibrosarcoma	15	IL10RB-AS1	0.354624268
fibrosarcoma	16	NCAM1-AS1	0.311804994
fibrosarcoma	17	LINC00336	0.289811044
fibrosarcoma	18	TEX41	0.277283458
fibrosarcoma	19	LINC00942	0.271872077
fibrosarcoma	20	LINC01387	0.270296013
fibrosarcoma	21	LINC01098	0.262100965
fibrosarcoma	22	GATA3-AS1	0.245153543
fibrosarcoma	23	LINC01531	0.243511942
fibrosarcoma	24	HPN-AS1	0.237647028
fibrosarcoma	25	ATE1-AS1	0.231918937
fibrosarcoma	26	KCTD21-AS1	0.230697089
fibrosarcoma	27	LINC00922	0.226348947
fibrosarcoma	28	MHRT	0.206647943
fibrosarcoma	29	MIR137HG	0.206538802
fibrosarcoma	30	DSCR10	0.18646044
Ewing sarcoma	1	VLDLR-AS1	0.853458637
Ewing sarcoma	2	OLMALINC	0.821561022
Ewing sarcoma	3	LINC00319	0.794531673
Ewing sarcoma	4	ADORA2A-AS1	0.784833913
Ewing sarcoma	5	NFIA-AS1	0.62924992
Ewing sarcoma	6	MIR22HG	0.617890867
Ewing sarcoma	7	MIR4435-2HG	0.505797339
Ewing sarcoma	8	ABALON	0.455753179
Ewing sarcoma	9	COL18A1-AS1	0.406433565
Ewing sarcoma	10	GHRLOS	0.372160471
Ewing sarcoma	11	PARTICL	0.369858526
Ewing sarcoma	12	MHRT	0.334767706
Ewing sarcoma	13	DIO3OS	0.296460926
Ewing sarcoma	14	GNG12-AS1	0.284655715
Ewing sarcoma	15	TTY4	0.282898638
Ewing sarcoma	16	FBXW7-AS1	0.279517139
Ewing sarcoma	17	DSCR10	0.257618382



Ewing sarcoma	18	MIR137HG	0.241988062
Ewing sarcoma	19	PEG3-AS1	0.230474884
Ewing sarcoma	20	HAS2-AS1	0.224584332
Ewing sarcoma	21	LINC00942	0.222212887
Ewing sarcoma	22	JAZF1-AS1	0.204429731
Ewing sarcoma	23	SERTAD4-AS1	0.171751201
Ewing sarcoma	24	LINC00856	0.168072785
Ewing sarcoma	25	LINC01588	0.152015757
Ewing sarcoma	26	DSCR9	0.144072929
Ewing sarcoma	27	TEX41	0.13382663
Ewing sarcoma	28	LINC00336	0.133316872
Ewing sarcoma	29	PARD6G-AS1	0.128755151
Ewing sarcoma	30	LINC00922	0.127691949
periodontal disease	1	CDKN2B-AS1	0.972561903
periodontal disease	2	LINC01081	0.897490367
periodontal disease	3	HAS2-AS1	0.824929735
periodontal disease	4	RAD51-AS1	0.799257054
periodontal disease	5	SERTAD4-AS1	0.749562965
periodontal disease	6	JAZF1-AS1	0.670919305
periodontal disease	7	LMCD1-AS1	0.638511514
periodontal disease	8	NFIA-AS1	0.634021108
periodontal disease	9	TEX41	0.550115042
periodontal disease	10	PARD6G-AS1	0.527758826
periodontal disease	11	NCAM1-AS1	0.448022368
periodontal disease	12	ADORA2A-AS1	0.394353068
periodontal disease	13	LINC00922	0.381968929
periodontal disease	14	MIR22HG	0.314429058
periodontal disease	15	LINC00336	0.257062414
periodontal disease	16	IL10RB-AS1	0.255361178
periodontal disease	17	LINC00856	0.248750482
periodontal disease	18	MIR4435-2HG	0.243464132
periodontal disease	19	LINC00477	0.232097596
periodontal disease	20	LINC01098	0.227888543
periodontal disease	21	GATA3-AS1	0.226936863
periodontal disease	22	LINC01531	0.217539282
periodontal disease	23	HPN-AS1	0.204878612
periodontal disease	24	LINC00942	0.198746664
periodontal disease	25	ATE1-AS1	0.195630214
periodontal disease	26	KCTD21-AS1	0.195210425
periodontal disease	27	PSMB8-AS1	0.185546845
periodontal disease	28	LINC01387	0.174678372
periodontal disease	29	LINC01588	0.159315869
periodontal disease	30	DSCR9	0.144465665
coronary artery disease	1	H19	0.841936098
coronary artery disease	2	CDKN2A-AS1	0.840223858
coronary artery disease	3	CDKN2B-AS1	0.835629317
coronary artery disease	4	MIAT	0.826834959

coronary artery disease	5	MIR17HG	0.801642224
coronary artery disease	6	KCNQ1OT1	0.77014156
coronary artery disease	7	LINC00315	0.768418311
coronary artery disease	8	RAD51-AS1	0.755979401
coronary artery disease	9	ADORA2A-AS1	0.754643775
coronary artery disease	10	LINC01081	0.669876914
coronary artery disease	11	HAS2-AS1	0.645665619
coronary artery disease	12	MIR4435-2HG	0.632344165
coronary artery disease	13	COL18A1-AS1	0.630916944
coronary artery disease	14	GHRLOS	0.590600348
coronary artery disease	15	MIR22HG	0.577976965
coronary artery disease	16	LINC00922	0.573977286
coronary artery disease	17	PARD6G-AS1	0.568310172
coronary artery disease	18	GATA3-AS1	0.563746684
coronary artery disease	19	LINC01588	0.554438465
coronary artery disease	20	IL10RB-AS1	0.539863469
coronary artery disease	21	LINC01531	0.530431122
coronary artery disease	22	HPN-AS1	0.527684225
coronary artery disease	23	LMCD1-AS1	0.526272069
coronary artery disease	24	LINC01387	0.526272069
coronary artery disease	25	DSCR9	0.509648317
coronary artery disease	26	PSMB8-AS1	0.508041513
coronary artery disease	27	NCAM1-AS1	0.505808356
coronary artery disease	28	KCTD21-AS1	0.486100745
coronary artery disease	29	TEX41	0.466650723
coronary artery disease	30	LINC00856	0.450422204
skin carcinoma	1	CDKN2B-AS1	0.978134745
skin carcinoma	2	LINC01081	0.95597111
skin carcinoma	3	RAD51-AS1	0.950052357
skin carcinoma	4	HAS2-AS1	0.89703828
skin carcinoma	5	MIR4435-2HG	0.89467549
skin carcinoma	6	LINC01588	0.852827273
skin carcinoma	7	MIR22HG	0.791441428
skin carcinoma	8	LINC00942	0.760463658
skin carcinoma	9	LINC00922	0.748541461
skin carcinoma	10	PARD6G-AS1	0.617925356
skin carcinoma	11	ADORA2A-AS1	0.583625144
skin carcinoma	12	DSCR9	0.539209966
skin carcinoma	13	NFIA-AS1	0.467466799
skin carcinoma	14	LMCD1-AS1	0.43244903
skin carcinoma	15	IL10RB-AS1	0.41618049
skin carcinoma	16	LINC01387	0.383369241
skin carcinoma	17	JAZF1-AS1	0.366162099
skin carcinoma	18	SERTAD4-AS1	0.349340233
skin carcinoma	19	NCAM1-AS1	0.329157463
skin carcinoma	20	LINC00336	0.325890986
skin carcinoma	21	LINC00477	0.323541465

skin carcinoma	22	LINC00856	0.322968656
skin carcinoma	23	PSMB8-AS1	0.303497968
skin carcinoma	24	ATE1-AS1	0.301153858
skin carcinoma	25	HPN-AS1	0.282995614
skin carcinoma	26	TEX41	0.265437664
skin carcinoma	27	LINC01531	0.25827587
skin carcinoma	28	KCTD21-AS1	0.230579654
skin carcinoma	29	LINC01098	0.227989304
skin carcinoma	30	GATA3-AS1	0.214921533
breast carcinoma	1	LINC00675	0.992311425
breast carcinoma	2	HOTTIP	0.991522378
breast carcinoma	3	AFAP1-AS1	0.990616816
breast carcinoma	4	H19	0.967482296
breast carcinoma	5	OLMALINC	0.964964727
breast carcinoma	6	VLDLR-AS1	0.949159737
breast carcinoma	7	HAS2-AS1	0.931095748
breast carcinoma	8	ADORA2A-AS1	0.87910251
breast carcinoma	9	LINC01081	0.872988073
breast carcinoma	10	NBR2	0.866092027
breast carcinoma	11	ABALON	0.862214187
breast carcinoma	12	NFIA-AS1	0.826237529
breast carcinoma	13	COL18A1-AS1	0.810462247
breast carcinoma	14	GHRLOS	0.782717617
breast carcinoma	15	GNG12-AS1	0.746070569
breast carcinoma	16	SERTAD4-AS1	0.727982119
breast carcinoma	17	LMCD1-AS1	0.674776332
breast carcinoma	18	LINC00856	0.63031109
breast carcinoma	19	LINC00922	0.618503186
breast carcinoma	20	LINC00942	0.616134557
breast carcinoma	21	LINC01387	0.614676968
breast carcinoma	22	LINC00336	0.562256929
breast carcinoma	23	TEX41	0.531903658
breast carcinoma	24	IL10RB-AS1	0.509298625
breast carcinoma	25	PARD6G-AS1	0.455981343
breast carcinoma	26	DSCR9	0.453020534
breast carcinoma	27	JAZF1-AS1	0.447483332
breast carcinoma	28	NCAM1-AS1	0.42575158
breast carcinoma	29	LINC01588	0.385122868
breast carcinoma	30	KCTD21-AS1	0.368354719
pancreatic ductal adenocarcinoma	1	HOTTIP	0.996786052
pancreatic ductal adenocarcinoma	2	PVT1	0.995783491
pancreatic ductal adenocarcinoma	3	H19	0.984753182
pancreatic ductal adenocarcinoma	4	AFAP1-AS1	0.982005
pancreatic ductal adenocarcinoma	5	LINC00675	0.972548762
pancreatic ductal adenocarcinoma	6	LINC01081	0.933880893
pancreatic ductal adenocarcinoma	7	HAS2-AS1	0.895377371
pancreatic ductal adenocarcinoma	8	RAD51-AS1	0.88429448

pancreatic ductal adenocarcinoma	9	ADORA2A-AS1	0.879994021
pancreatic ductal adenocarcinoma	10	ABALON	0.878050115
pancreatic ductal adenocarcinoma	11	IL10RB-AS1	0.869343443
pancreatic ductal adenocarcinoma	12	JAZF1-AS1	0.858226937
pancreatic ductal adenocarcinoma	13	LMCD1-AS1	0.840471735
pancreatic ductal adenocarcinoma	14	LINC00942	0.828109011
pancreatic ductal adenocarcinoma	15	LINC01387	0.807370122
pancreatic ductal adenocarcinoma	16	GATA3-AS1	0.770516638
pancreatic ductal adenocarcinoma	17	LINC00477	0.73275397
pancreatic ductal adenocarcinoma	18	LINC01531	0.698512573
pancreatic ductal adenocarcinoma	19	NCAM1-AS1	0.690896198
pancreatic ductal adenocarcinoma	20	PARD6G-AS1	0.687077469
pancreatic ductal adenocarcinoma	21	ATE1-AS1	0.63478685
pancreatic ductal adenocarcinoma	22	TEX41	0.614705384
pancreatic ductal adenocarcinoma	23	LINC01098	0.594259957
pancreatic ductal adenocarcinoma	24	LINC00336	0.56697479
pancreatic ductal adenocarcinoma	25	LINC01588	0.566099714
pancreatic ductal adenocarcinoma	26	LINC00856	0.549667425
pancreatic ductal adenocarcinoma	27	PSMB8-AS1	0.529023939
pancreatic ductal adenocarcinoma	28	HPN-AS1	0.405107925
pancreatic ductal adenocarcinoma	29	LINC00922	0.3848004
pancreatic ductal adenocarcinoma	30	SERTAD4-AS1	0.37009289
cerebral arterial disease	1	LINC01081	0.885785152
cerebral arterial disease	2	RAD51-AS1	0.766865734
cerebral arterial disease	3	HAS2-AS1	0.725419469
cerebral arterial disease	4	LMCD1-AS1	0.684901328
cerebral arterial disease	5	TEX41	0.661047197
cerebral arterial disease	6	DSCR9	0.634604083
cerebral arterial disease	7	LINC01588	0.612677815
cerebral arterial disease	8	JAZF1-AS1	0.607125279
cerebral arterial disease	9	SERTAD4-AS1	0.590251465
cerebral arterial disease	10	LINC00336	0.581479864
cerebral arterial disease	11	ADORA2A-AS1	0.573129388
cerebral arterial disease	12	NCAM1-AS1	0.565844535
cerebral arterial disease	13	PARD6G-AS1	0.502965647
cerebral arterial disease	14	LINC00856	0.502191756
cerebral arterial disease	15	NFIA-AS1	0.485098708
cerebral arterial disease	16	LINC01387	0.478924631
cerebral arterial disease	17	IL10RB-AS1	0.407692908
cerebral arterial disease	18	LINC00477	0.386977215
cerebral arterial disease	19	LINC00922	0.366818618
cerebral arterial disease	20	LINC01098	0.342627162
cerebral arterial disease	21	GATA3-AS1	0.33182543
cerebral arterial disease	22	LINC01531	0.317738701
cerebral arterial disease	23	HPN-AS1	0.263557248
cerebral arterial disease	24	ATE1-AS1	0.257170851
cerebral arterial disease	25	LINC00942	0.224937511

cerebral arterial disease	26	MIR22HG	0.224937511
cerebral arterial disease	27	MIR4435-2HG	0.209145463
cerebral arterial disease	28	PSMB8-AS1	0.203338987
cerebral arterial disease	29	KCTD21-AS1	0.196802972
cerebral arterial disease	30	HELLPAR	0.187589771
meningioma	1	H19	0.966519897
meningioma	2	MEG3	0.950013722
meningioma	3	OLMALINC	0.86683373
meningioma	4	VLDLR-AS1	0.81306366
meningioma	5	LINC00319	0.777766238
meningioma	6	MHRT	0.688128318
meningioma	7	LINC01081	0.628686629
meningioma	8	HELLPAR	0.616524771
meningioma	9	MIR4435-2HG	0.571077839
meningioma	10	ABALON	0.506475122
meningioma	11	NBR2	0.447437921
meningioma	12	LINC00315	0.445969161
meningioma	13	KCTD21-AS1	0.3636214
meningioma	14	PARD6G-AS1	0.34208077
meningioma	15	LINC00336	0.314188813
meningioma	16	LMCD1-AS1	0.313912922
meningioma	17	HPN-AS1	0.269969055
meningioma	18	LINC00942	0.269388591
meningioma	19	TEX41	0.26795768
meningioma	20	LINC00856	0.266789933
meningioma	21	DSCR9	0.263274402
meningioma	22	LINC01531	0.25821705
meningioma	23	LINC00477	0.253892013
meningioma	24	LINC01588	0.250009866
meningioma	25	LINC00922	0.249226544
meningioma	26	ATE1-AS1	0.220833488
meningioma	27	IL10RB-AS1	0.212950055
meningioma	28	LINC01098	0.212851288
meningioma	29	PSMB8-AS1	0.197365215
meningioma	30	JAZF1-AS1	0.188759424
liver cancer	1	LINC00602	0.996432064
liver cancer	2	TUG1	0.995881212
liver cancer	3	HOTAIR	0.98373803
liver cancer	4	KCNQ1OT1	0.979616767
liver cancer	5	GAS5	0.955070406
liver cancer	6	XIST	0.943502263
liver cancer	7	LINC00974	0.931705333
liver cancer	8	ZEB1-AS1	0.926738148
liver cancer	9	SPRY4-IT1	0.922907587
liver cancer	10	ZFAS1	0.894930415
liver cancer	11	LINC00687	0.894910552
liver cancer	12	SNHG1	0.894910552

liver cancer	13	NEAT1	0.872838488
liver cancer	14	HNFI1A-AS1	0.869705258
liver cancer	15	MEG3	0.859790697
liver cancer	16	MIR7-3HG	0.858265762
liver cancer	17	MALAT1	0.8516318
liver cancer	18	HCP5	0.850825518
liver cancer	19	H19	0.847285904
liver cancer	20	CCAT1	0.843941459
liver cancer	21	UCA1	0.838888641
liver cancer	22	CYTOR	0.831865931
liver cancer	23	DANCR	0.831865931
liver cancer	24	NPTN-IT1	0.827512291
liver cancer	25	IGF2-AS	0.825514471
liver cancer	26	PCAT1	0.817316661
liver cancer	27	HULC	0.815677616
liver cancer	28	WT1-AS	0.812360323
liver cancer	29	HCCAT5	0.81067952
liver cancer	30	CDKN2B-AS1	0.80855181
gestational trophoblastic neoplasm	1	H19	0.893444505
gestational trophoblastic neoplasm	2	LINC01081	0.850150994
gestational trophoblastic neoplasm	3	RAD51-AS1	0.798377753
gestational trophoblastic neoplasm	4	HAS2-AS1	0.610881593
gestational trophoblastic neoplasm	5	LMCD1-AS1	0.597062339
gestational trophoblastic neoplasm	6	IL10RB-AS1	0.455831157
gestational trophoblastic neoplasm	7	LINC01588	0.427680469
gestational trophoblastic neoplasm	8	ADORA2A-AS1	0.376771597
gestational trophoblastic neoplasm	9	NFIA-AS1	0.356585878
gestational trophoblastic neoplasm	10	LINC01387	0.323657869
gestational trophoblastic neoplasm	11	PARD6G-AS1	0.285797056
gestational trophoblastic neoplasm	12	LINC00856	0.231088431
gestational trophoblastic neoplasm	13	LINC00336	0.21187937
gestational trophoblastic neoplasm	14	SERTAD4-AS1	0.202496442
gestational trophoblastic neoplasm	15	JAZF1-AS1	0.175998916
gestational trophoblastic neoplasm	16	LINC00922	0.173502558
gestational trophoblastic neoplasm	17	MIR22HG	0.161425108
gestational trophoblastic neoplasm	18	DSCR9	0.152210001
gestational trophoblastic neoplasm	19	TEX41	0.146168908
gestational trophoblastic neoplasm	20	LINC00942	0.142773025
gestational trophoblastic neoplasm	21	NCAM1-AS1	0.132112758
gestational trophoblastic neoplasm	22	GATA3-AS1	0.129919125
gestational trophoblastic neoplasm	23	LINC01531	0.129461958
gestational trophoblastic neoplasm	24	HPN-AS1	0.125994974
gestational trophoblastic neoplasm	25	KCTD21-AS1	0.125216626
gestational trophoblastic neoplasm	26	ATE1-AS1	0.124460487
gestational trophoblastic neoplasm	27	PSMB8-AS1	0.123659307
gestational trophoblastic neoplasm	28	LINC00477	0.122917005
gestational trophoblastic neoplasm	29	MIR4435-2HG	0.111605616

gestational trophoblastic neoplasm	30	LINC01098	0.108191603
choriocarcinoma	1	LINC00629	0.806816061
choriocarcinoma	2	H19	0.805512411
choriocarcinoma	3	MIR503HG	0.80526894
choriocarcinoma	4	VLDLR-AS1	0.707507796
choriocarcinoma	5	OLMALINC	0.669834189
choriocarcinoma	6	FBXW7-AS1	0.623482713
choriocarcinoma	7	LINC00319	0.577125667
choriocarcinoma	8	PEG3-AS1	0.560650912
choriocarcinoma	9	MHRT	0.534425549
choriocarcinoma	10	MEG8	0.486451272
choriocarcinoma	11	LRRC3DN	0.464983728
choriocarcinoma	12	NORAD	0.464534849
choriocarcinoma	13	LINC01235	0.444846167
choriocarcinoma	14	ADORA2A-AS1	0.439373668
choriocarcinoma	15	HAS2-AS1	0.437688716
choriocarcinoma	16	MIR22HG	0.433291829
choriocarcinoma	17	PCAT4	0.424486563
choriocarcinoma	18	MIR137HG	0.382884586
choriocarcinoma	19	DSCR10	0.369963025
choriocarcinoma	20	LINC00336	0.347697395
choriocarcinoma	21	JAZF1-AS1	0.341294592
choriocarcinoma	22	SERTAD4-AS1	0.338773292
choriocarcinoma	23	LINC00942	0.33807994
choriocarcinoma	24	LINC01387	0.324712772
choriocarcinoma	25	LINC00922	0.323505145
choriocarcinoma	26	PARD6G-AS1	0.299060479
choriocarcinoma	27	LINC01588	0.280747185
choriocarcinoma	28	TEX41	0.278593672
choriocarcinoma	29	KCTD21-AS1	0.274326181
choriocarcinoma	30	PSMB8-AS1	0.262759136
central nervous system cancer	1	H19	0.755016703
central nervous system cancer	2	MIR17HG	0.751055039
central nervous system cancer	3	ESRG	0.742865281
central nervous system cancer	4	LINC01081	0.714617131
central nervous system cancer	5	HAS2-AS1	0.706188159
central nervous system cancer	6	RAD51-AS1	0.703669953
central nervous system cancer	7	NFIA-AS1	0.694455673
central nervous system cancer	8	MIR4435-2HG	0.678060731
central nervous system cancer	9	MIR22HG	0.670619261
central nervous system cancer	10	LINC00477	0.669612452
central nervous system cancer	11	LINC00856	0.669506042
central nervous system cancer	12	LINC00336	0.660338025
central nervous system cancer	13	NCAM1-AS1	0.655368342
central nervous system cancer	14	LINC00922	0.644207596
central nervous system cancer	15	JAZF1-AS1	0.616968359
central nervous system cancer	16	SERTAD4-AS1	0.606051275

central nervous system cancer	17	LMCD1-AS1	0.601906799
central nervous system cancer	18	IL10RB-AS1	0.584892719
central nervous system cancer	19	LINC01387	0.579055226
central nervous system cancer	20	PARD6G-AS1	0.568536232
central nervous system cancer	21	TEX41	0.563626736
central nervous system cancer	22	LINC00942	0.550204643
central nervous system cancer	23	ATE1-AS1	0.535506385
central nervous system cancer	24	PSMB8-AS1	0.529267323
central nervous system cancer	25	LINC01588	0.529016904
central nervous system cancer	26	LINC01098	0.527679072
central nervous system cancer	27	GATA3-AS1	0.526962211
central nervous system cancer	28	LINC01531	0.448341174
central nervous system cancer	29	HPN-AS1	0.429188016
central nervous system cancer	30	DSCR9	0.421422904
aortic aneurysm	1	LINC01081	0.930890066
aortic aneurysm	2	HAS2-AS1	0.913738765
aortic aneurysm	3	RAD51-AS1	0.849857144
aortic aneurysm	4	LMCD1-AS1	0.715156213
aortic aneurysm	5	PARD6G-AS1	0.681452002
aortic aneurysm	6	NCAM1-AS1	0.669895464
aortic aneurysm	7	IL10RB-AS1	0.624131925
aortic aneurysm	8	DSCR9	0.620983252
aortic aneurysm	9	LINC01387	0.602494765
aortic aneurysm	10	TEX41	0.516128091
aortic aneurysm	11	LINC00336	0.490789127
aortic aneurysm	12	LINC00477	0.477471067
aortic aneurysm	13	MIR22HG	0.475524347
aortic aneurysm	14	LINC01588	0.446021255
aortic aneurysm	15	MIR4435-2HG	0.383806637
aortic aneurysm	16	LINC01098	0.313332088
aortic aneurysm	17	ADORA2A-AS1	0.313065605
aortic aneurysm	18	NFIA-AS1	0.296963405
aortic aneurysm	19	LINC00922	0.294809345
aortic aneurysm	20	GATA3-AS1	0.26065555
aortic aneurysm	21	PSMB8-AS1	0.247337326
aortic aneurysm	22	LINC01531	0.245252266
aortic aneurysm	23	SERTAD4-AS1	0.236077551
aortic aneurysm	24	KCTD21-AS1	0.210116264
aortic aneurysm	25	JAZF1-AS1	0.206764156
aortic aneurysm	26	HPN-AS1	0.205919973
aortic aneurysm	27	LINC00942	0.201350406
aortic aneurysm	28	LINC00856	0.191058885
aortic aneurysm	29	ATE1-AS1	0.178424
aortic aneurysm	30	HELLPAR	0.176043126
uterine cancer	1	MALAT1	0.997119671
uterine cancer	2	CASC2	0.99547457
uterine cancer	3	HOTAIR	0.964465033



uterine cancer	4	SNHG12	0.850254888
uterine cancer	5	CDKN2B-AS1	0.786912742
uterine cancer	6	GAS5	0.780657727
uterine cancer	7	OLMALINC	0.772531552
uterine cancer	8	PEG3-AS1	0.768135659
uterine cancer	9	MHRT	0.764753285
uterine cancer	10	VLDLR-AS1	0.760214824
uterine cancer	11	LINC01235	0.759674191
uterine cancer	12	SERTAD4-AS1	0.738435864
uterine cancer	13	LINC01588	0.738377018
uterine cancer	14	JAZF1-AS1	0.738255808
uterine cancer	15	DSCR9	0.719967846
uterine cancer	16	LINC00856	0.706512839
uterine cancer	17	LINC00336	0.689053603
uterine cancer	18	LINC00922	0.686870551
uterine cancer	19	LINC01387	0.685911921
uterine cancer	20	LINC00942	0.684082134
uterine cancer	21	TEX41	0.679498544
uterine cancer	22	PARD6G-AS1	0.676897683
uterine cancer	23	LMCD1-AS1	0.642076234
uterine cancer	24	GATA3-AS1	0.641886724
uterine cancer	25	LINC01531	0.624040375
uterine cancer	26	LINC01098	0.622244821
uterine cancer	27	NCAM1-AS1	0.61787338
uterine cancer	28	HPN-AS1	0.603542689
uterine cancer	29	LINC00477	0.601859761
uterine cancer	30	KCTD21-AS1	0.598259506
skin disease	1	PRINS	0.918945154
skin disease	2	HCP5	0.900690177
skin disease	3	LINC01081	0.850681541
skin disease	4	RAD51-AS1	0.805104105
skin disease	5	HAS2-AS1	0.79084359
skin disease	6	ADORA2A-AS1	0.779015395
skin disease	7	NFIA-AS1	0.772640198
skin disease	8	MIR4435-2HG	0.755846582
skin disease	9	NCRUPAR	0.743214204
skin disease	10	CAHM	0.699090981
skin disease	11	LINC00293	0.645582112
skin disease	12	LINC00477	0.58953301
skin disease	13	PARD6G-AS1	0.581907089
skin disease	14	LINC00942	0.481710747
skin disease	15	LINC01387	0.471829661
skin disease	16	LMCD1-AS1	0.468278839
skin disease	17	LINC00856	0.460844854
skin disease	18	MIR22HG	0.443190945
skin disease	19	SERTAD4-AS1	0.426850698
skin disease	20	JAZF1-AS1	0.416821008

skin disease	21	IL10RB-AS1	0.389051072
skin disease	22	NCAM1-AS1	0.381338344
skin disease	23	LINC00336	0.379384567
skin disease	24	TEX41	0.358956139
skin disease	25	LINC00922	0.355607663
skin disease	26	KCTD21-AS1	0.33698215
skin disease	27	LINC01098	0.332235605
skin disease	28	DSCR9	0.322798897
skin disease	29	LINC01588	0.314423629
skin disease	30	HPN-AS1	0.314329074
gastric adenocarcinoma	1	HOTAIR	0.990518763
gastric adenocarcinoma	2	H19	0.987189982
gastric adenocarcinoma	3	BANCR	0.933634903
gastric adenocarcinoma	4	VLDLR-AS1	0.909242026
gastric adenocarcinoma	5	OLMALINC	0.899223712
gastric adenocarcinoma	6	MHRT	0.817491737
gastric adenocarcinoma	7	PARD6G-AS1	0.707142867
gastric adenocarcinoma	8	LINC00856	0.686883971
gastric adenocarcinoma	9	NCAM1-AS1	0.680323275
gastric adenocarcinoma	10	SERTAD4-AS1	0.67276817
gastric adenocarcinoma	11	JAZF1-AS1	0.671580335
gastric adenocarcinoma	12	LINC00942	0.663779824
gastric adenocarcinoma	13	LINC01387	0.644124208
gastric adenocarcinoma	14	LINC00922	0.641736718
gastric adenocarcinoma	15	LINC01588	0.608063124
gastric adenocarcinoma	16	LINC00477	0.599129498
gastric adenocarcinoma	17	LMCD1-AS1	0.592220509
gastric adenocarcinoma	18	IL10RB-AS1	0.570962229
gastric adenocarcinoma	19	ATE1-AS1	0.527946008
gastric adenocarcinoma	20	PSMB8-AS1	0.510611392
gastric adenocarcinoma	21	GATA3-AS1	0.488323142
gastric adenocarcinoma	22	LINC01531	0.485525713
gastric adenocarcinoma	23	HPN-AS1	0.428941029
gastric adenocarcinoma	24	KCTD21-AS1	0.421296653
gastric adenocarcinoma	25	LINC00336	0.420350867
gastric adenocarcinoma	26	LINC01098	0.413940778
gastric adenocarcinoma	27	DSCR9	0.413120237
gastric adenocarcinoma	28	TEX41	0.41249847
gastric adenocarcinoma	29	LOXL1-AS1	0.411392914
gastric adenocarcinoma	30	LINC00319	0.403819016
nutrition disease	1	SNHG11	0.839728144
nutrition disease	2	H19	0.828247539
nutrition disease	3	MCHR2-AS1	0.792559157
nutrition disease	4	LINC00961	0.779425065
nutrition disease	5	GHRLOS	0.771237843
nutrition disease	6	MIR22HG	0.724306162
nutrition disease	7	RAD51-AS1	0.7165613

nutrition disease	8	LINC01081	0.697130772
nutrition disease	9	LINC00315	0.695252059
nutrition disease	10	MIR4435-2HG	0.695252059
nutrition disease	11	FAM83H-AS1	0.692397843
nutrition disease	12	TARID	0.687147841
nutrition disease	13	PCAT5	0.685891791
nutrition disease	14	LINC00963	0.665357635
nutrition disease	15	CDR1-AS	0.665299132
nutrition disease	16	LINC01024	0.662715713
nutrition disease	17	LUCAT1	0.661470874
nutrition disease	18	PARTICL	0.629082898
nutrition disease	19	BCAR4	0.619051617
nutrition disease	20	C5orf66-AS2	0.617160098
nutrition disease	21	LINC-PINT	0.61198472
nutrition disease	22	PWAR5	0.606730885
nutrition disease	23	HAS2-AS1	0.593132106
nutrition disease	24	NFIA-AS1	0.583112837
nutrition disease	25	ADORA2A-AS1	0.582485148
nutrition disease	26	LINC00654	0.579875447
nutrition disease	27	LINC00032	0.57767636
nutrition disease	28	SAMMSON	0.576019579
nutrition disease	29	COL18A1-AS1	0.572801654
nutrition disease	30	NBR2	0.572733703
esophagus squamous cell carcinoma	1	SOX2-OT	0.99646803
esophagus squamous cell carcinoma	2	CDKN2B-AS1	0.97618917
esophagus squamous cell carcinoma	3	SPRY4-IT1	0.975792005
esophagus squamous cell carcinoma	4	H19	0.967969261
esophagus squamous cell carcinoma	5	HOTAIR	0.914047911
esophagus squamous cell carcinoma	6	MIR22HG	0.837095122
esophagus squamous cell carcinoma	7	LINC00293	0.829926634
esophagus squamous cell carcinoma	8	TTY2	0.824709551
esophagus squamous cell carcinoma	9	CARMN	0.812507559
esophagus squamous cell carcinoma	10	LINC01081	0.799687893
esophagus squamous cell carcinoma	11	HAS2-AS1	0.778860328
esophagus squamous cell carcinoma	12	NBR2	0.757361315
esophagus squamous cell carcinoma	13	ADORA2A-AS1	0.754736076
esophagus squamous cell carcinoma	14	NFIA-AS1	0.738840146
esophagus squamous cell carcinoma	15	GHRLOS	0.736028969
esophagus squamous cell carcinoma	16	COL18A1-AS1	0.695848039
esophagus squamous cell carcinoma	17	NCAM1-AS1	0.69316325
esophagus squamous cell carcinoma	18	LMCD1-AS1	0.645198924
esophagus squamous cell carcinoma	19	PARD6G-AS1	0.614996473
esophagus squamous cell carcinoma	20	IL10RB-AS1	0.591188369
esophagus squamous cell carcinoma	21	LINC00336	0.573506324
esophagus squamous cell carcinoma	22	LINC00942	0.554026707
esophagus squamous cell carcinoma	23	LINC00922	0.514968583
esophagus squamous cell carcinoma	24	LINC00856	0.498348294

esophagus squamous cell carcinoma	25	TEX41	0.492833155
esophagus squamous cell carcinoma	26	SERTAD4-AS1	0.45466396
esophagus squamous cell carcinoma	27	JAZF1-AS1	0.386026042
esophagus squamous cell carcinoma	28	DSCR9	0.344034257
esophagus squamous cell carcinoma	29	LINC01387	0.34297523
esophagus squamous cell carcinoma	30	LINC01588	0.314078688
pituitary adenoma	1	MALAT1	0.996434437
pituitary adenoma	2	H19	0.97030813
pituitary adenoma	3	HOTAIR	0.961345933
pituitary adenoma	4	MEG3	0.925576049
pituitary adenoma	5	LINC01081	0.866504991
pituitary adenoma	6	RAD51-AS1	0.826166535
pituitary adenoma	7	HAS2-AS1	0.686837597
pituitary adenoma	8	LINC01588	0.607518557
pituitary adenoma	9	JAZF1-AS1	0.584939682
pituitary adenoma	10	SERTAD4-AS1	0.522490671
pituitary adenoma	11	LINC01387	0.478592156
pituitary adenoma	12	ADORA2A-AS1	0.442832401
pituitary adenoma	13	NFIA-AS1	0.384939643
pituitary adenoma	14	NCAM1-AS1	0.369862924
pituitary adenoma	15	PARD6G-AS1	0.360473366
pituitary adenoma	16	LINC00856	0.359090762
pituitary adenoma	17	LINC01098	0.346164197
pituitary adenoma	18	LINC00477	0.339791368
pituitary adenoma	19	DSCR9	0.324558278
pituitary adenoma	20	LINC00922	0.304938498
pituitary adenoma	21	LINC00942	0.298958625
pituitary adenoma	22	MIR4435-2HG	0.291829085
pituitary adenoma	23	TEX41	0.270825776
pituitary adenoma	24	PSMB8-AS1	0.246258684
pituitary adenoma	25	MIR22HG	0.2161931
pituitary adenoma	26	ATE1-AS1	0.209719134
pituitary adenoma	27	KCTD21-AS1	0.204717818
pituitary adenoma	28	LINC00336	0.20407501
pituitary adenoma	29	HPN-AS1	0.195978932
pituitary adenoma	30	LINC01531	0.152945058
male reproductive organ cancer	1	PCGEM1	0.996405286
male reproductive organ cancer	2	MEG3	0.995754429
male reproductive organ cancer	3	H19	0.99262805
male reproductive organ cancer	4	XIST	0.9912381
male reproductive organ cancer	5	TUG1	0.990890163
male reproductive organ cancer	6	TDRG1	0.99058712
male reproductive organ cancer	7	HOTAIR	0.980815792
male reproductive organ cancer	8	EGOT	0.974014047
male reproductive organ cancer	9	PCAT5	0.970999019
male reproductive organ cancer	10	MALAT1	0.966281984
male reproductive organ cancer	11	GAS5	0.964177676

male reproductive organ cancer	12	SCHLAP1	0.963027882
male reproductive organ cancer	13	TTY15	0.96170677
male reproductive organ cancer	14	IGF2-AS	0.960555112
male reproductive organ cancer	15	CDKN2B-AS1	0.953882657
male reproductive organ cancer	16	NEAT1	0.951172702
male reproductive organ cancer	17	PCA3	0.942419716
male reproductive organ cancer	18	DANCR	0.942304954
male reproductive organ cancer	19	CTBP1-AS	0.938844872
male reproductive organ cancer	20	PVT1	0.933133565
male reproductive organ cancer	21	PRINS	0.933133565
male reproductive organ cancer	22	UCA1	0.929511765
male reproductive organ cancer	23	LINC00963	0.927793082
male reproductive organ cancer	24	C1QTNF9B-AS1	0.926344539
male reproductive organ cancer	25	PCAT1	0.922446261
male reproductive organ cancer	26	HULC	0.918709083
male reproductive organ cancer	27	PRNCR1	0.917027166
male reproductive organ cancer	28	CARMN	0.917027166
male reproductive organ cancer	29	LINC00319	0.909730066
male reproductive organ cancer	30	PWAR5	0.908561475
insulinoma	1	MEG3	0.951653379
insulinoma	2	LINC01081	0.891197768
insulinoma	3	RAD51-AS1	0.809351589
insulinoma	4	HAS2-AS1	0.69460816
insulinoma	5	NFIA-AS1	0.6881707
insulinoma	6	MIR4435-2HG	0.503750453
insulinoma	7	ADORA2A-AS1	0.499752233
insulinoma	8	APTR	0.458560715
insulinoma	9	ABALON	0.402913858
insulinoma	10	COL18A1-AS1	0.400026824
insulinoma	11	GHRLOS	0.339112885
insulinoma	12	LINC00315	0.301707451
insulinoma	13	PARTICL	0.256513678
insulinoma	14	LINC01587	0.239556138
insulinoma	15	LINC00479	0.230709831
insulinoma	16	LINC00575	0.221800663
insulinoma	17	TTY4	0.219873196
insulinoma	18	C5orf66-AS2	0.218536557
insulinoma	19	LINC00261	0.201863273
insulinoma	20	BCAR4	0.194713588
insulinoma	21	BLACAT1	0.184935115
insulinoma	22	ZNF667-AS1	0.179580438
insulinoma	23	DIO3OS	0.173761809
insulinoma	24	GNG12-AS1	0.17209612
insulinoma	25	LINC00473	0.157673094
insulinoma	26	NBR2	0.157630359
insulinoma	27	TTY15	0.157121397
insulinoma	28	NCRUPAR	0.153094901

insulinoma	29	CAHM	0.150751908
insulinoma	30	TRERNA1	0.149169999
lung carcinoma	1	KIRREL3-AS3	0.998028504
lung carcinoma	2	H19	0.995946378
lung carcinoma	3	GAS5	0.994684997
lung carcinoma	4	LINC01133	0.992040882
lung carcinoma	5	BANCR	0.991728209
lung carcinoma	6	XIST	0.989864454
lung carcinoma	7	TUG1	0.978724693
lung carcinoma	8	ERICH1-AS1	0.978289334
lung carcinoma	9	MALAT1	0.974564741
lung carcinoma	10	CDKN2B-AS1	0.973262146
lung carcinoma	11	MEG3	0.968857691
lung carcinoma	12	CCAT2	0.967133412
lung carcinoma	13	NPTN-IT1	0.959914474
lung carcinoma	14	MIR17HG	0.93676584
lung carcinoma	15	CARMN	0.92636575
lung carcinoma	16	DBET	0.91713997
lung carcinoma	17	LINC00319	0.912773563
lung carcinoma	18	PWAR5	0.88053616
lung carcinoma	19	DISC1FP1	0.869204667
lung carcinoma	20	GHRLOS	0.862781766
lung carcinoma	21	LINC00479	0.86257021
lung carcinoma	22	VLDLR-AS1	0.849132606
lung carcinoma	23	LINC00575	0.847729847
lung carcinoma	24	LINC00315	0.819434441
lung carcinoma	25	LINC01235	0.819228861
lung carcinoma	26	HELLPAR	0.81719553
lung carcinoma	27	MIR22HG	0.81499003
lung carcinoma	28	PWRN1	0.814227257
lung carcinoma	29	NUP50-AS1	0.80297393
lung carcinoma	30	LINC00273	0.79650951
lung squamous cell carcinoma	1	NPTN-IT1	0.815699199
lung squamous cell carcinoma	2	LINC00922	0.789781341
lung squamous cell carcinoma	3	LINC01387	0.788016016
lung squamous cell carcinoma	4	LINC00336	0.782721373
lung squamous cell carcinoma	5	PARD6G-AS1	0.631667739
lung squamous cell carcinoma	6	IL10RB-AS1	0.626020336
lung squamous cell carcinoma	7	LMCD1-AS1	0.596229823
lung squamous cell carcinoma	8	NCAM1-AS1	0.595308764
lung squamous cell carcinoma	9	LINC00856	0.57485356
lung squamous cell carcinoma	10	JAZF1-AS1	0.557039393
lung squamous cell carcinoma	11	LINC00477	0.527335112
lung squamous cell carcinoma	12	LINC01098	0.519021032
lung squamous cell carcinoma	13	LINC00942	0.507728648
lung squamous cell carcinoma	14	TEX41	0.494288294
lung squamous cell carcinoma	15	SERTAD4-AS1	0.492558362

lung squamous cell carcinoma	16	PSMB8-AS1	0.469407528
lung squamous cell carcinoma	17	DSCR9	0.46421667
lung squamous cell carcinoma	18	LINC01531	0.46142744
lung squamous cell carcinoma	19	LINC01588	0.458640032
lung squamous cell carcinoma	20	GATA3-AS1	0.452914378
lung squamous cell carcinoma	21	ATE1-AS1	0.452281791
lung squamous cell carcinoma	22	HPN-AS1	0.450399632
lung squamous cell carcinoma	23	KCTD21-AS1	0.45002978
lung squamous cell carcinoma	24	LOXL1-AS1	0.437457147
lung squamous cell carcinoma	25	NUP50-AS1	0.435805041
lung squamous cell carcinoma	26	GPR1-AS	0.431144913
lung squamous cell carcinoma	27	HAS2-AS1	0.401639969
lung squamous cell carcinoma	28	NFIA-AS1	0.375644005
lung squamous cell carcinoma	29	MIR4435-2HG	0.369283183
lung squamous cell carcinoma	30	ABALON	0.365835793
non-small cell lung carcinoma	1	KIRREL3-AS3	0.99815253
non-small cell lung carcinoma	2	TUG1	0.996690107
non-small cell lung carcinoma	3	HNF1A-AS1	0.994971601
non-small cell lung carcinoma	4	H19	0.992525214
non-small cell lung carcinoma	5	MEG3	0.990700253
non-small cell lung carcinoma	6	LINC01133	0.985109963
non-small cell lung carcinoma	7	BANCR	0.984453951
non-small cell lung carcinoma	8	HOTAIR	0.973520398
non-small cell lung carcinoma	9	LINC01628	0.973330782
non-small cell lung carcinoma	10	MALAT1	0.969272832
non-small cell lung carcinoma	11	CDKN2B-AS1	0.969258859
non-small cell lung carcinoma	12	GAS5	0.968630147
non-small cell lung carcinoma	13	CCAT2	0.947694676
non-small cell lung carcinoma	14	MIR124-2HG	0.935081388
non-small cell lung carcinoma	15	NPTN-IT1	0.929719415
non-small cell lung carcinoma	16	UCA1	0.92242907
non-small cell lung carcinoma	17	LINC00319	0.912969463
non-small cell lung carcinoma	18	PARTICL	0.906899793
non-small cell lung carcinoma	19	PWAR5	0.887639878
non-small cell lung carcinoma	20	LINC00479	0.886060182
non-small cell lung carcinoma	21	LINC00575	0.879741386
non-small cell lung carcinoma	22	LINC00315	0.878892115
non-small cell lung carcinoma	23	LINC01184	0.874807636
non-small cell lung carcinoma	24	MIR4435-2HG	0.856728429
non-small cell lung carcinoma	25	GHRLOS	0.853761561
non-small cell lung carcinoma	26	MIR22HG	0.845739257
non-small cell lung carcinoma	27	HELLPAR	0.82908339
non-small cell lung carcinoma	28	LINC01235	0.824068651
non-small cell lung carcinoma	29	VLDLR-AS1	0.821848536
non-small cell lung carcinoma	30	DISC1FP1	0.810698844
lung adenocarcinoma	1	H19	0.974284344
lung adenocarcinoma	2	HNF1A-AS1	0.956800618

lung adenocarcinoma	3	HOTAIR	0.925411683
lung adenocarcinoma	4	MEG3	0.918668441
lung adenocarcinoma	5	GAS5	0.899417577
lung adenocarcinoma	6	MALAT1	0.899006449
lung adenocarcinoma	7	CCAT2	0.894456038
lung adenocarcinoma	8	LINC00336	0.879916834
lung adenocarcinoma	9	LINC01387	0.879299528
lung adenocarcinoma	10	LINC00477	0.877437382
lung adenocarcinoma	11	IL10RB-AS1	0.861903698
lung adenocarcinoma	12	LMCD1-AS1	0.854354609
lung adenocarcinoma	13	LINC00856	0.813236679
lung adenocarcinoma	14	NCAM1-AS1	0.802921939
lung adenocarcinoma	15	PARD6G-AS1	0.766174506
lung adenocarcinoma	16	DSCR9	0.76449166
lung adenocarcinoma	17	TEX41	0.744558373
lung adenocarcinoma	18	SERTAD4-AS1	0.720577648
lung adenocarcinoma	19	JAZF1-AS1	0.697008019
lung adenocarcinoma	20	LINC01588	0.689024194
lung adenocarcinoma	21	KCTD21-AS1	0.668114402
lung adenocarcinoma	22	ATE1-AS1	0.650438378
lung adenocarcinoma	23	LINC01098	0.63121015
lung adenocarcinoma	24	HPN-AS1	0.618596405
lung adenocarcinoma	25	LINC01531	0.534365748
lung adenocarcinoma	26	PSMB8-AS1	0.530959301
lung adenocarcinoma	27	LINC00942	0.436938584
lung adenocarcinoma	28	GATA3-AS1	0.419367155
lung adenocarcinoma	29	LINC00922	0.408938844
lung adenocarcinoma	30	FALEC	0.392492013
adrenocortical carcinoma	1	KCNQ1OT1	0.987143546
adrenocortical carcinoma	2	H19	0.97790859
adrenocortical carcinoma	3	LINC01081	0.960922696
adrenocortical carcinoma	4	HAS2-AS1	0.930685751
adrenocortical carcinoma	5	RAD51-AS1	0.929473903
adrenocortical carcinoma	6	DSCR9	0.92206747
adrenocortical carcinoma	7	MIR4435-2HG	0.889717162
adrenocortical carcinoma	8	LINC00477	0.774290627
adrenocortical carcinoma	9	LINC01588	0.641635545
adrenocortical carcinoma	10	LINC00942	0.568746637
adrenocortical carcinoma	11	LINC00922	0.558865858
adrenocortical carcinoma	12	SERTAD4-AS1	0.423378802
adrenocortical carcinoma	13	LMCD1-AS1	0.421603431
adrenocortical carcinoma	14	NCAM1-AS1	0.407449416
adrenocortical carcinoma	15	PARD6G-AS1	0.331770065
adrenocortical carcinoma	16	ADORA2A-AS1	0.330343056
adrenocortical carcinoma	17	NFIA-AS1	0.329820658
adrenocortical carcinoma	18	LINC00856	0.303909234
adrenocortical carcinoma	19	LINC01387	0.278450591



adrenocortical carcinoma	20	JAZF1-AS1	0.276223039
adrenocortical carcinoma	21	TEX41	0.254965728
adrenocortical carcinoma	22	IL10RB-AS1	0.244998239
adrenocortical carcinoma	23	MIR22HG	0.213491821
adrenocortical carcinoma	24	LINC01098	0.21176108
adrenocortical carcinoma	25	PSMB8-AS1	0.183994476
adrenocortical carcinoma	26	GATA3-AS1	0.183608702
adrenocortical carcinoma	27	LINC01531	0.179050649
adrenocortical carcinoma	28	HPN-AS1	0.169306634
adrenocortical carcinoma	29	ATE1-AS1	0.141756201
adrenocortical carcinoma	30	KCTD21-AS1	0.140774746
adrenal gland cancer	1	H19	0.95455317
adrenal gland cancer	2	KCNQ1OT1	0.947036162
adrenal gland cancer	3	LINC01081	0.945399982
adrenal gland cancer	4	RAD51-AS1	0.932390862
adrenal gland cancer	5	HAS2-AS1	0.919806344
adrenal gland cancer	6	NFIA-AS1	0.912767702
adrenal gland cancer	7	MIR4435-2HG	0.8773268
adrenal gland cancer	8	MIR22HG	0.851782769
adrenal gland cancer	9	LMCD1-AS1	0.701806156
adrenal gland cancer	10	LINC00477	0.662442227
adrenal gland cancer	11	LINC00922	0.644251735
adrenal gland cancer	12	LINC01588	0.614644247
adrenal gland cancer	13	TEX41	0.573777904
adrenal gland cancer	14	NCAM1-AS1	0.568313827
adrenal gland cancer	15	PARD6G-AS1	0.561072823
adrenal gland cancer	16	LINC01387	0.555912352
adrenal gland cancer	17	DSCR9	0.553686909
adrenal gland cancer	18	LINC00856	0.5269371
adrenal gland cancer	19	PSMB8-AS1	0.517233503
adrenal gland cancer	20	IL10RB-AS1	0.492426783
adrenal gland cancer	21	LINC00336	0.478361254
adrenal gland cancer	22	LINC01098	0.478018232
adrenal gland cancer	23	GATA3-AS1	0.461810535
adrenal gland cancer	24	SERTAD4-AS1	0.434476034
adrenal gland cancer	25	JAZF1-AS1	0.431661935
adrenal gland cancer	26	LINC01531	0.430746617
adrenal gland cancer	27	HPN-AS1	0.394073661
adrenal gland cancer	28	ATE1-AS1	0.373987887
adrenal gland cancer	29	LINC00942	0.368800639
adrenal gland cancer	30	KCTD21-AS1	0.351253333
thyroid carcinoma	1	PTCSC3	0.835416867
thyroid carcinoma	2	NEAT1	0.796141283
thyroid carcinoma	3	HOTAIR	0.734511936
thyroid carcinoma	4	LINC00663	0.724758961
thyroid carcinoma	5	HULC	0.716641646
thyroid carcinoma	6	MEG3	0.705639156

thyroid carcinoma	7	BANCR	0.705498627
thyroid carcinoma	8	PTCSC2	0.70090476
thyroid carcinoma	9	OLMALINC	0.698578193
thyroid carcinoma	10	PEG3-AS1	0.682429091
thyroid carcinoma	11	LINC01235	0.677363112
thyroid carcinoma	12	LINC00319	0.675006379
thyroid carcinoma	13	VLDLR-AS1	0.668306692
thyroid carcinoma	14	MHRT	0.663744178
thyroid carcinoma	15	LRRC3DN	0.661686182
thyroid carcinoma	16	MEG8	0.648933926
thyroid carcinoma	17	FBXW7-AS1	0.647527774
thyroid carcinoma	18	NORAD	0.639794029
thyroid carcinoma	19	MESTIT1	0.633269949
thyroid carcinoma	20	PWAR4	0.626225427
thyroid carcinoma	21	LINC01588	0.622574238
thyroid carcinoma	22	SERTAD4-AS1	0.622077315
thyroid carcinoma	23	JAZF1-AS1	0.611418554
thyroid carcinoma	24	LINC00942	0.598651681
thyroid carcinoma	25	LINC00856	0.594527797
thyroid carcinoma	26	PARD6G-AS1	0.589995917
thyroid carcinoma	27	IL10RB-AS1	0.588206618
thyroid carcinoma	28	LINC01387	0.583770472
thyroid carcinoma	29	DSCR9	0.577061467
thyroid carcinoma	30	GATA3-AS1	0.574036601
papillary thyroid carcinoma	1	PTCSC2	0.987764676
papillary thyroid carcinoma	2	BANCR	0.97335396
papillary thyroid carcinoma	3	MALAT1	0.942955037
papillary thyroid carcinoma	4	NEAT1	0.892032846
papillary thyroid carcinoma	5	MEG3	0.887179711
papillary thyroid carcinoma	6	LINC00663	0.865348163
papillary thyroid carcinoma	7	PTCSC3	0.854016743
papillary thyroid carcinoma	8	HOTAIR	0.831953586
papillary thyroid carcinoma	9	OLMALINC	0.829447335
papillary thyroid carcinoma	10	LINC01235	0.820320395
papillary thyroid carcinoma	11	PEG3-AS1	0.804013683
papillary thyroid carcinoma	12	LRRC3DN	0.795426159
papillary thyroid carcinoma	13	VLDLR-AS1	0.74541717
papillary thyroid carcinoma	14	PARD6G-AS1	0.743178608
papillary thyroid carcinoma	15	LINC00856	0.740576605
papillary thyroid carcinoma	16	LINC01588	0.726050856
papillary thyroid carcinoma	17	LINC00922	0.723468815
papillary thyroid carcinoma	18	LINC00942	0.705797591
papillary thyroid carcinoma	19	SERTAD4-AS1	0.697543354
papillary thyroid carcinoma	20	LINC01387	0.696646202
papillary thyroid carcinoma	21	DSCR9	0.686103438
papillary thyroid carcinoma	22	TEX41	0.678165296
papillary thyroid carcinoma	23	LINC00336	0.674563223

papillary thyroid carcinoma	24	JAZF1-AS1	0.666844058
papillary thyroid carcinoma	25	ATE1-AS1	0.654439423
papillary thyroid carcinoma	26	HPN-AS1	0.650369202
papillary thyroid carcinoma	27	LINC00477	0.646608452
papillary thyroid carcinoma	28	LINC01531	0.634707053
papillary thyroid carcinoma	29	PSMB8-AS1	0.633804525
papillary thyroid carcinoma	30	NCAM1-AS1	0.620077605
tuberculosis	1	GSTT1-AS1	0.911773781
tuberculosis	2	LINC01387	0.906353991
tuberculosis	3	MIR22HG	0.897276205
tuberculosis	4	LINC00336	0.882246494
tuberculosis	5	LINC00477	0.852901387
tuberculosis	6	LINC00856	0.821222835
tuberculosis	7	NCAM1-AS1	0.770465437
tuberculosis	8	TEX41	0.759186067
tuberculosis	9	LINC01098	0.664531939
tuberculosis	10	LINC00942	0.661439822
tuberculosis	11	DSCR9	0.508533904
tuberculosis	12	LMCD1-AS1	0.503534485
tuberculosis	13	LINC01588	0.477795743
tuberculosis	14	PARD6G-AS1	0.45252765
tuberculosis	15	KCTD21-AS1	0.445825555
tuberculosis	16	IL10RB-AS1	0.431318817
tuberculosis	17	ATE1-AS1	0.402374105
tuberculosis	18	LINC00922	0.398474816
tuberculosis	19	JAZF1-AS1	0.364091625
tuberculosis	20	SERTAD4-AS1	0.354547719
tuberculosis	21	HPN-AS1	0.350910758
tuberculosis	22	LINC01531	0.341845753
tuberculosis	23	GATA3-AS1	0.334726772
tuberculosis	24	PSMB8-AS1	0.327510255
tuberculosis	25	TARID	0.318862524
tuberculosis	26	LINC01024	0.312757386
tuberculosis	27	CDR1-AS	0.309591807
tuberculosis	28	FAM83H-AS1	0.309545942
tuberculosis	29	LINC00032	0.308890647
tuberculosis	30	LINC00654	0.286511359
urinary system cancer	1	KCNQ1OT1	0.996874734
urinary system cancer	2	CDKN2B-AS1	0.996646664
urinary system cancer	3	HOTAIR	0.988631964
urinary system cancer	4	TUG1	0.987860402
urinary system cancer	5	GAS5	0.985681371
urinary system cancer	6	IGF2-AS	0.985087348
urinary system cancer	7	MALAT1	0.98155146
urinary system cancer	8	WT1-AS	0.952110854
urinary system cancer	9	PCAT1	0.940519452
urinary system cancer	10	PVT1	0.928295196

urinary system cancer	11	UCA1	0.922996687
urinary system cancer	12	BLACAT1	0.885187185
urinary system cancer	13	GHET1	0.882809755
urinary system cancer	14	NFIA-AS1	0.873502479
urinary system cancer	15	LINC00319	0.87108513
urinary system cancer	16	CADM3-AS1	0.858873046
urinary system cancer	17	PWAR5	0.858873046
urinary system cancer	18	TTY4	0.849071928
urinary system cancer	19	LINC00479	0.84705026
urinary system cancer	20	CARMN	0.841826327
urinary system cancer	21	B3GALT5-AS1	0.837223034
urinary system cancer	22	LINC00315	0.824202942
urinary system cancer	23	LINC00273	0.816690796
urinary system cancer	24	LINC01081	0.816328303
urinary system cancer	25	PWRN1	0.810974175
urinary system cancer	26	GHRLOS	0.807294328
urinary system cancer	27	MIR22HG	0.805750246
urinary system cancer	28	HELLPAR	0.79978061
urinary system cancer	29	LINC01235	0.798291543
urinary system cancer	30	VLDLR-AS1	0.797919507
disease	1	KIRREL3-AS3	0.99998612
disease	2	GNAS-AS1	0.99997653
disease	3	PCAT5	0.999972122
disease	4	LINC00974	0.99996574
disease	5	FENDRR	0.99993624
disease	6	BCAR4	0.999929922
disease	7	LINC00583	0.999882723
disease	8	KCNQ1OT1	0.999877408
disease	9	PICSAR	0.999877408
disease	10	LINC-PINT	0.999874351
disease	11	NRON	0.999853983
disease	12	CCDC26	0.999840808
disease	13	DAOA-AS1	0.999831954
disease	14	ZFAS1	0.999792098
disease	15	TEX41	0.999792098
disease	16	LSINCT5	0.999759919
disease	17	TUG1	0.999678713
disease	18	EWSAT1	0.999558961
disease	19	CASC15	0.999537257
disease	20	TTY15	0.999495359
disease	21	HCCAT5	0.997888197
disease	22	CDKN2A-AS1	0.997826367
disease	23	CDKN2B-AS1	0.995966905
disease	24	CASC2	0.995963643
disease	25	RMST	0.995539896
disease	26	EGOT	0.995162765
disease	27	LINC00312	0.993956022

disease	28	HCP5	0.993539896
disease	29	LINC00654	0.991994203
disease	30	NBAT1	0.989964931
ovarian carcinoma	1	H19	0.772154587
ovarian carcinoma	2	LINC01081	0.75348142
ovarian carcinoma	3	HAS2-AS1	0.716327904
ovarian carcinoma	4	TEX41	0.438497288
ovarian carcinoma	5	LINC01588	0.424123441
ovarian carcinoma	6	NCAM1-AS1	0.375395038
ovarian carcinoma	7	LMCD1-AS1	0.326279268
ovarian carcinoma	8	IL10RB-AS1	0.307522152
ovarian carcinoma	9	PARD6G-AS1	0.279723486
ovarian carcinoma	10	NFIA-AS1	0.260807148
ovarian carcinoma	11	LINC00336	0.251726926
ovarian carcinoma	12	ADORA2A-AS1	0.251367203
ovarian carcinoma	13	LINC01387	0.213364249
ovarian carcinoma	14	LINC00856	0.197429843
ovarian carcinoma	15	SERTAD4-AS1	0.17488768
ovarian carcinoma	16	JAZF1-AS1	0.16633957
ovarian carcinoma	17	LINC00922	0.165108815
ovarian carcinoma	18	LINC00942	0.160649175
ovarian carcinoma	19	LINC00477	0.160375067
ovarian carcinoma	20	DSCR9	0.159837556
ovarian carcinoma	21	LINC01098	0.151680746
ovarian carcinoma	22	GATA3-AS1	0.147712592
ovarian carcinoma	23	LINC01531	0.147181212
ovarian carcinoma	24	HPN-AS1	0.14135877
ovarian carcinoma	25	MIR4435-2HG	0.140730534
ovarian carcinoma	26	ATE1-AS1	0.137406675
ovarian carcinoma	27	KCTD21-AS1	0.13658273
ovarian carcinoma	28	PSMB8-AS1	0.131289029
ovarian carcinoma	29	MIR22HG	0.130851598
ovarian carcinoma	30	HELLPAR	0.127992379
urinary bladder urothelial carcinoma	1	RAD51-AS1	0.971144469
urinary bladder urothelial carcinoma	2	HAS2-AS1	0.905312017
urinary bladder urothelial carcinoma	3	NFIA-AS1	0.901116366
urinary bladder urothelial carcinoma	4	MIR4435-2HG	0.882053918
urinary bladder urothelial carcinoma	5	ABALON	0.694576371
urinary bladder urothelial carcinoma	6	IL10RB-AS1	0.69415496
urinary bladder urothelial carcinoma	7	LINC00477	0.553117649
urinary bladder urothelial carcinoma	8	PARD6G-AS1	0.462130046
urinary bladder urothelial carcinoma	9	LINC01387	0.419470755
urinary bladder urothelial carcinoma	10	LINC00856	0.41540577
urinary bladder urothelial carcinoma	11	LINC01098	0.373335178
urinary bladder urothelial carcinoma	12	LINC00336	0.28660145
urinary bladder urothelial carcinoma	13	LINC01588	0.239283893
urinary bladder urothelial carcinoma	14	LMCD1-AS1	0.236491155

urinary bladder urothelial carcinoma	15	PSMB8-AS1	0.188476796
urinary bladder urothelial carcinoma	16	SERTAD4-AS1	0.169600459
urinary bladder urothelial carcinoma	17	JAZF1-AS1	0.164092765
urinary bladder urothelial carcinoma	18	KCTD21-AS1	0.160763845
urinary bladder urothelial carcinoma	19	DSCR9	0.160334644
urinary bladder urothelial carcinoma	20	ATE1-AS1	0.156655868
urinary bladder urothelial carcinoma	21	TEX41	0.156380669
urinary bladder urothelial carcinoma	22	LINC00922	0.149469588
urinary bladder urothelial carcinoma	23	HPN-AS1	0.140018756
urinary bladder urothelial carcinoma	24	LINC01531	0.136845136
urinary bladder urothelial carcinoma	25	GATA3-AS1	0.124077412
urinary bladder urothelial carcinoma	26	NCAM1-AS1	0.120292838
urinary bladder urothelial carcinoma	27	LINC00942	0.119205611
urinary bladder urothelial carcinoma	28	APTR	0.118736937
urinary bladder urothelial carcinoma	29	NBR2	0.107449683
urinary bladder urothelial carcinoma	30	NUP50-AS1	0.099992593
bladder carcinoma	1	HOTAIR	0.954507681
bladder carcinoma	2	VLDLR-AS1	0.833675656
bladder carcinoma	3	OLMALINC	0.812980766
bladder carcinoma	4	LINC00319	0.74451623
bladder carcinoma	5	FBXW7-AS1	0.64683779
bladder carcinoma	6	LINC00922	0.538344431
bladder carcinoma	7	NCAM1-AS1	0.475563706
bladder carcinoma	8	IL10RB-AS1	0.473057084
bladder carcinoma	9	LINC01387	0.418083914
bladder carcinoma	10	LINC00856	0.393958877
bladder carcinoma	11	SERTAD4-AS1	0.31992069
bladder carcinoma	12	JAZF1-AS1	0.287558873
bladder carcinoma	13	LINC00477	0.277683361
bladder carcinoma	14	PARD6G-AS1	0.251362722
bladder carcinoma	15	LINC01098	0.240681201
bladder carcinoma	16	LINC00336	0.233733709
bladder carcinoma	17	PSMB8-AS1	0.230924944
bladder carcinoma	18	TEX41	0.21911903
bladder carcinoma	19	GATA3-AS1	0.215332592
bladder carcinoma	20	LINC01531	0.211138922
bladder carcinoma	21	HPN-AS1	0.210734118
bladder carcinoma	22	LINC00942	0.20288946
bladder carcinoma	23	LINC01588	0.185297876
bladder carcinoma	24	ATE1-AS1	0.184924493
bladder carcinoma	25	KCTD21-AS1	0.17951096
bladder carcinoma	26	DSCR9	0.176576633
bladder carcinoma	27	LMCD1-AS1	0.170896244
bladder carcinoma	28	NBR2	0.168264959
bladder carcinoma	29	MIR4435-2HG	0.165470616
bladder carcinoma	30	ABALON	0.152213344
mouth disease	1	CDKN2B-AS1	0.941796669

mouth disease	2	LINC01081	0.824271274
mouth disease	3	HAS2-AS1	0.762834146
mouth disease	4	RAD51-AS1	0.696037082
mouth disease	5	ADORA2A-AS1	0.690984041
mouth disease	6	LINC01588	0.660695179
mouth disease	7	JAZF1-AS1	0.632380491
mouth disease	8	NCAM1-AS1	0.612236673
mouth disease	9	LINC00922	0.52718926
mouth disease	10	LMCD1-AS1	0.496463016
mouth disease	11	IL10RB-AS1	0.453579882
mouth disease	12	LINC01387	0.353658454
mouth disease	13	PARD6G-AS1	0.326980607
mouth disease	14	TEX41	0.309485354
mouth disease	15	NFIA-AS1	0.30554891
mouth disease	16	LINC00942	0.30256136
mouth disease	17	LINC00477	0.256430509
mouth disease	18	MIR22HG	0.252430368
mouth disease	19	HPN-AS1	0.249675289
mouth disease	20	MIR4435-2HG	0.244431293
mouth disease	21	GATA3-AS1	0.241309799
mouth disease	22	SERTAD4-AS1	0.238512598
mouth disease	23	DSCR9	0.225157835
mouth disease	24	ATE1-AS1	0.221840387
mouth disease	25	LINC01531	0.21232144
mouth disease	26	PSMB8-AS1	0.21209671
mouth disease	27	LINC00336	0.209798659
mouth disease	28	LINC00856	0.202218321
mouth disease	29	KCTD21-AS1	0.192613942
mouth disease	30	LINC01098	0.181587697
skeletal muscle cancer	1	RMST	0.778124765
skeletal muscle cancer	2	VLDLR-AS1	0.635686846
skeletal muscle cancer	3	OLMALINC	0.633827878
skeletal muscle cancer	4	FBXW7-AS1	0.60369493
skeletal muscle cancer	5	LINC00319	0.52509039
skeletal muscle cancer	6	MHRT	0.481844755
skeletal muscle cancer	7	PEG3-AS1	0.434143011
skeletal muscle cancer	8	MEG8	0.425094527
skeletal muscle cancer	9	DSCR10	0.416602642
skeletal muscle cancer	10	MIR137HG	0.406744168
skeletal muscle cancer	11	LRRC3DN	0.401478713
skeletal muscle cancer	12	MESTIT1	0.399478713
skeletal muscle cancer	13	LINC01235	0.375400604
skeletal muscle cancer	14	NORAD	0.374681454
skeletal muscle cancer	15	LINC01588	0.354923623
skeletal muscle cancer	16	TEX41	0.33684062
skeletal muscle cancer	17	LINC00922	0.306119036
skeletal muscle cancer	18	PARD6G-AS1	0.298809987

skeletal muscle cancer	19	JAZF1-AS1	0.291390445
skeletal muscle cancer	20	SERTAD4-AS1	0.288684309
skeletal muscle cancer	21	LINC00856	0.286805357
skeletal muscle cancer	22	LINC00942	0.2857486
skeletal muscle cancer	23	DSCR9	0.28369706
skeletal muscle cancer	24	LINC01387	0.283408187
skeletal muscle cancer	25	LINC00336	0.265945216
skeletal muscle cancer	26	GATA3-AS1	0.261098111
skeletal muscle cancer	27	LINC01531	0.25912979
skeletal muscle cancer	28	HPN-AS1	0.251574678
skeletal muscle cancer	29	KCTD21-AS1	0.24665142
skeletal muscle cancer	30	PSMB8-AS1	0.235343212
muscle cancer	1	RMST	0.829402286
muscle cancer	2	OLMALINC	0.765598134
muscle cancer	3	VLDLR-AS1	0.755162013
muscle cancer	4	ADORA2A-AS1	0.740442064
muscle cancer	5	ABALON	0.679130037
muscle cancer	6	PEG3-AS1	0.605635572
muscle cancer	7	MIR4435-2HG	0.569325761
muscle cancer	8	FBXW7-AS1	0.560370409
muscle cancer	9	NBR2	0.554370409
muscle cancer	10	LINC00319	0.54088412
muscle cancer	11	MHRT	0.506381855
muscle cancer	12	GHRLOS	0.501940568
muscle cancer	13	LINC00479	0.48691262
muscle cancer	14	LINC01587	0.477535653
muscle cancer	15	MEG8	0.464457373
muscle cancer	16	PARTICL	0.463789241
muscle cancer	17	LINC01235	0.449609361
muscle cancer	18	GPR1-AS	0.445656679
muscle cancer	19	HAS2-AS1	0.440430448
muscle cancer	20	DIO3OS	0.437174265
muscle cancer	21	LRRC3DN	0.421524281
muscle cancer	22	APTR	0.399740571
muscle cancer	23	PCAT4	0.398895048
muscle cancer	24	NFIA-AS1	0.395537767
muscle cancer	25	TTY4	0.391229676
muscle cancer	26	MIR137HG	0.388775929
muscle cancer	27	DSCR10	0.378304941
muscle cancer	28	LINC01081	0.373972366
muscle cancer	29	GNG12-AS1	0.364468788
muscle cancer	30	NORAD	0.354230738
pancreas adenocarcinoma	1	LINC00675	0.997644366
pancreas adenocarcinoma	2	H19	0.99638026
pancreas adenocarcinoma	3	PVT1	0.987013957
pancreas adenocarcinoma	4	AFAP1-AS1	0.982384393
pancreas adenocarcinoma	5	OLMALINC	0.97116303



pancreas adenocarcinoma	6	VLDLR-AS1	0.927400834
pancreas adenocarcinoma	7	NCAM1-AS1	0.885516264
pancreas adenocarcinoma	8	LMCD1-AS1	0.884693935
pancreas adenocarcinoma	9	PARD6G-AS1	0.872083306
pancreas adenocarcinoma	10	IL10RB-AS1	0.864823632
pancreas adenocarcinoma	11	LINC01387	0.850417542
pancreas adenocarcinoma	12	LINC00477	0.845319354
pancreas adenocarcinoma	13	TEX41	0.836062249
pancreas adenocarcinoma	14	LINC01098	0.82854182
pancreas adenocarcinoma	15	LINC00942	0.816767011
pancreas adenocarcinoma	16	LINC00922	0.764913631
pancreas adenocarcinoma	17	LINC00336	0.763660218
pancreas adenocarcinoma	18	LINC00856	0.723476705
pancreas adenocarcinoma	19	PSMB8-AS1	0.715722866
pancreas adenocarcinoma	20	SERTAD4-AS1	0.683878036
pancreas adenocarcinoma	21	JAZF1-AS1	0.681709326
pancreas adenocarcinoma	22	LINC01588	0.661280932
pancreas adenocarcinoma	23	ATE1-AS1	0.659274083
pancreas adenocarcinoma	24	KCTD21-AS1	0.608136697
pancreas adenocarcinoma	25	HPN-AS1	0.580597684
pancreas adenocarcinoma	26	LINC01531	0.554547888
pancreas adenocarcinoma	27	GATA3-AS1	0.542162954
pancreas adenocarcinoma	28	DSCR9	0.535359862
pancreas adenocarcinoma	29	MHRT	0.409181762
pancreas adenocarcinoma	30	MIR22HG	0.37727227
trophoblastic neoplasm	1	H19	0.864080069
trophoblastic neoplasm	2	LINC01081	0.823614954
trophoblastic neoplasm	3	HAS2-AS1	0.80346363
trophoblastic neoplasm	4	RAD51-AS1	0.633776975
trophoblastic neoplasm	5	MIR22HG	0.609758563
trophoblastic neoplasm	6	MIR4435-2HG	0.451125552
trophoblastic neoplasm	7	NFIA-AS1	0.45016342
trophoblastic neoplasm	8	ADORA2A-AS1	0.378320336
trophoblastic neoplasm	9	HELLPAR	0.365727363
trophoblastic neoplasm	10	ABALON	0.300531126
trophoblastic neoplasm	11	LINC00336	0.293495929
trophoblastic neoplasm	12	NCAM1-AS1	0.202265512
trophoblastic neoplasm	13	PARD6G-AS1	0.185596579
trophoblastic neoplasm	14	SERTAD4-AS1	0.170483668
trophoblastic neoplasm	15	LMCD1-AS1	0.16948444
trophoblastic neoplasm	16	LINC00942	0.156987843
trophoblastic neoplasm	17	TEX41	0.143641129
trophoblastic neoplasm	18	LINC01098	0.135596456
trophoblastic neoplasm	19	LINC00477	0.135302281
trophoblastic neoplasm	20	GATA3-AS1	0.13466355
trophoblastic neoplasm	21	LINC01531	0.130384032
trophoblastic neoplasm	22	HPN-AS1	0.118190751

trophoblastic neoplasm	23	LINC01588	0.112661654
trophoblastic neoplasm	24	LINC00856	0.108268086
trophoblastic neoplasm	25	ATE1-AS1	0.100541657
trophoblastic neoplasm	26	LINC01387	0.095544512
trophoblastic neoplasm	27	LINC00922	0.092780465
trophoblastic neoplasm	28	DSCR9	0.09143141
trophoblastic neoplasm	29	PSMB8-AS1	0.086037721
trophoblastic neoplasm	30	JAZF1-AS1	0.073947057
liver disease	1	GAS5	0.914228975
liver disease	2	MIR17HG	0.90483357
liver disease	3	LINC01081	0.853604681
liver disease	4	HAS2-AS1	0.819478066
liver disease	5	RAD51-AS1	0.811112954
liver disease	6	PARD6G-AS1	0.750458173
liver disease	7	LMCD1-AS1	0.749464677
liver disease	8	NFIA-AS1	0.698294164
liver disease	9	LINC00336	0.690357945
liver disease	10	ADORA2A-AS1	0.661427092
liver disease	11	LINC01387	0.608023178
liver disease	12	LINC00856	0.515760787
liver disease	13	SERTAD4-AS1	0.485512491
liver disease	14	JAZF1-AS1	0.469852383
liver disease	15	LINC01588	0.463225709
liver disease	16	LINC00922	0.403604443
liver disease	17	DSCR9	0.391449276
liver disease	18	TEX41	0.382622437
liver disease	19	MIR22HG	0.378093757
liver disease	20	NCAM1-AS1	0.352423864
liver disease	21	LINC00477	0.351751369
liver disease	22	IL10RB-AS1	0.335018955
liver disease	23	ATE1-AS1	0.291793875
liver disease	24	LINC01098	0.284575135
liver disease	25	LINC01531	0.279924048
liver disease	26	HPN-AS1	0.279436668
liver disease	27	MIR4435-2HG	0.258435695
liver disease	28	GATA3-AS1	0.253483342
liver disease	29	KCTD21-AS1	0.239125681
liver disease	30	LINC00942	0.237535138
agnosia	1	TP53TG1	0.757509268
agnosia	2	LINC01081	0.724840016
agnosia	3	HAS2-AS1	0.714246439
agnosia	4	RAD51-AS1	0.681478505
agnosia	5	ADORA2A-AS1	0.662751031
agnosia	6	LINC00856	0.653304635
agnosia	7	TEX41	0.646427186
agnosia	8	LINC00336	0.635560297
agnosia	9	NCAM1-AS1	0.591583565

agnosia	10	PARD6G-AS1	0.569277349
agnosia	11	LMCD1-AS1	0.563566422
agnosia	12	LINC00477	0.556041473
agnosia	13	LINC00922	0.550349833
agnosia	14	NFIA-AS1	0.549466389
agnosia	15	IL10RB-AS1	0.537618926
agnosia	16	JAZF1-AS1	0.522953003
agnosia	17	SERTAD4-AS1	0.516514818
agnosia	18	LINC01387	0.513211018
agnosia	19	LINC01588	0.509377855
agnosia	20	DSCR9	0.483539177
agnosia	21	LINC00942	0.483539177
agnosia	22	KCTD21-AS1	0.480593549
agnosia	23	HPN-AS1	0.476454249
agnosia	24	LINC01098	0.42248723
agnosia	25	PSMB8-AS1	0.416968723
agnosia	26	LINC01531	0.414478071
agnosia	27	GATA3-AS1	0.397280388
agnosia	28	MIR4435-2HG	0.376150232
agnosia	29	ATE1-AS1	0.37334431
agnosia	30	HELLPAR	0.370192079
skin cancer	1	TP53COR1	0.989848427
skin cancer	2	H19	0.9854347
skin cancer	3	CDKN2B-AS1	0.958820614
skin cancer	4	LINC01081	0.937217116
skin cancer	5	RAD51-AS1	0.928405634
skin cancer	6	HAS2-AS1	0.87436904
skin cancer	7	NFIA-AS1	0.842084619
skin cancer	8	MIR4435-2HG	0.799812946
skin cancer	9	MIR22HG	0.684954408
skin cancer	10	JAZF1-AS1	0.665634882
skin cancer	11	LMCD1-AS1	0.59056508
skin cancer	12	IL10RB-AS1	0.583837554
skin cancer	13	PARD6G-AS1	0.562882735
skin cancer	14	LINC01387	0.540634167
skin cancer	15	NCAM1-AS1	0.536992832
skin cancer	16	LINC00922	0.532162687
skin cancer	17	LINC00336	0.513203539
skin cancer	18	LINC00856	0.461835189
skin cancer	19	SERTAD4-AS1	0.445575075
skin cancer	20	TEX41	0.443223439
skin cancer	21	LINC00942	0.430655407
skin cancer	22	LINC00477	0.409420668
skin cancer	23	GATA3-AS1	0.395955443
skin cancer	24	DSCR9	0.36363149
skin cancer	25	LINC01098	0.354384398
skin cancer	26	ATE1-AS1	0.34199882

skin cancer	27	KCTD21-AS1	0.337382246
skin cancer	28	LINC01588	0.333770875
skin cancer	29	LINC01531	0.3215527
skin cancer	30	HPN-AS1	0.313856297
hypersensitivity reaction type II disease	1	HCP5	0.914921582
hypersensitivity reaction type II disease	2	GAS5	0.872252952
hypersensitivity reaction type II disease	3	LINC01081	0.828982782
hypersensitivity reaction type II disease	4	HAS2-AS1	0.790952822
hypersensitivity reaction type II disease	5	RAD51-AS1	0.77970598
hypersensitivity reaction type II disease	6	TEX41	0.774025987
hypersensitivity reaction type II disease	7	MIR22HG	0.758107218
hypersensitivity reaction type II disease	8	DSCR9	0.75613809
hypersensitivity reaction type II disease	9	ADORA2A-AS1	0.716915069
hypersensitivity reaction type II disease	10	NCAM1-AS1	0.707203807
hypersensitivity reaction type II disease	11	LMCD1-AS1	0.682040758
hypersensitivity reaction type II disease	12	IL10RB-AS1	0.586550802
hypersensitivity reaction type II disease	13	PARD6G-AS1	0.56920698
hypersensitivity reaction type II disease	14	LINC00336	0.540298664
hypersensitivity reaction type II disease	15	NFIA-AS1	0.531094948
hypersensitivity reaction type II disease	16	LINC01387	0.46153036
hypersensitivity reaction type II disease	17	LINC00477	0.459843649
hypersensitivity reaction type II disease	18	LINC01588	0.436667554
hypersensitivity reaction type II disease	19	MIR4435-2HG	0.417053382
hypersensitivity reaction type II disease	20	GATA3-AS1	0.413225665
hypersensitivity reaction type II disease	21	LINC00856	0.405230754
hypersensitivity reaction type II disease	22	LINC01531	0.399350284
hypersensitivity reaction type II disease	23	HPN-AS1	0.370633543
hypersensitivity reaction type II disease	24	LINC00942	0.331319531
hypersensitivity reaction type II disease	25	PSMB8-AS1	0.328800724
hypersensitivity reaction type II disease	26	LINC00922	0.310103099
hypersensitivity reaction type II disease	27	SERTAD4-AS1	0.301123561
hypersensitivity reaction type II disease	28	JAZF1-AS1	0.291847214
hypersensitivity reaction type II disease	29	LINC01098	0.29026305
hypersensitivity reaction type II disease	30	KCTD21-AS1	0.273595833
pseudohypoparathyroidism	1	H19	0.864060824
pseudohypoparathyroidism	2	CAHM	0.777880012
pseudohypoparathyroidism	3	NCRUPAR	0.570546099
pseudohypoparathyroidism	4	TRERNA1	0.496248235
pseudohypoparathyroidism	5	MIR7-3HG	0.491490531
pseudohypoparathyroidism	6	MIR194-2HG	0.478190966
pseudohypoparathyroidism	7	CYTOR	0.462146779
pseudohypoparathyroidism	8	LINC00687	0.43596005
pseudohypoparathyroidism	9	EGOT	0.407961253
pseudohypoparathyroidism	10	HCCAT5	0.405322967
pseudohypoparathyroidism	11	LINC00602	0.335224261
pseudohypoparathyroidism	12	LINC00974	0.311311768
pseudohypoparathyroidism	13	DBH-AS1	0.307298785

pseudohypoparathyroidism	14	CASC15	0.306849179
pseudohypoparathyroidism	15	HAND2-AS1	0.303876775
pseudohypoparathyroidism	16	MYCNOS	0.298102865
pseudohypoparathyroidism	17	LINC00467	0.297576192
pseudohypoparathyroidism	18	LINC00261	0.294132973
pseudohypoparathyroidism	19	BCAR4	0.293201585
pseudohypoparathyroidism	20	BLACAT1	0.276802138
pseudohypoparathyroidism	21	C5orf66-AS2	0.26307325
pseudohypoparathyroidism	22	HCG4	0.259482189
pseudohypoparathyroidism	23	MIR99AHG	0.258148288
pseudohypoparathyroidism	24	TINCR	0.253911021
pseudohypoparathyroidism	25	LINC01081	0.250711846
pseudohypoparathyroidism	26	HAS2-AS1	0.249554012
pseudohypoparathyroidism	27	RAD51-AS1	0.248777291
pseudohypoparathyroidism	28	NFIA-AS1	0.238286175
pseudohypoparathyroidism	29	MIR4435-2HG	0.229085333
pseudohypoparathyroidism	30	ADORA2A-AS1	0.211147095
glucose metabolism disease	1	MEG3	0.998267183
glucose metabolism disease	2	H19	0.991206429
glucose metabolism disease	3	IGF2-AS	0.990361887
glucose metabolism disease	4	KCNQ1OT1	0.981077617
glucose metabolism disease	5	LINC00271	0.942197686
glucose metabolism disease	6	MALAT1	0.917094712
glucose metabolism disease	7	HYMAI	0.889829167
glucose metabolism disease	8	TTY2	0.849531653
glucose metabolism disease	9	LINC00293	0.829979114
glucose metabolism disease	10	CARMN	0.815786319
glucose metabolism disease	11	NFIA-AS1	0.808080805
glucose metabolism disease	12	ADORA2A-AS1	0.806093119
glucose metabolism disease	13	MIR4435-2HG	0.777719112
glucose metabolism disease	14	PARTICL	0.767039467
glucose metabolism disease	15	NUP50-AS1	0.74811371
glucose metabolism disease	16	LINC01081	0.722556052
glucose metabolism disease	17	RAD51-AS1	0.722374183
glucose metabolism disease	18	HAS2-AS1	0.705524904
glucose metabolism disease	19	LINC00942	0.69663153
glucose metabolism disease	20	LINC01387	0.69512226
glucose metabolism disease	21	PARD6G-AS1	0.675855983
glucose metabolism disease	22	LINC00922	0.67461143
glucose metabolism disease	23	SERTAD4-AS1	0.670744428
glucose metabolism disease	24	IL10RB-AS1	0.660821651
glucose metabolism disease	25	JAZF1-AS1	0.648473688
glucose metabolism disease	26	LINC00856	0.635994408
glucose metabolism disease	27	LMCD1-AS1	0.632023475
glucose metabolism disease	28	LINC00477	0.629991887
glucose metabolism disease	29	ATE1-AS1	0.615961099
glucose metabolism disease	30	TEX41	0.58514459

hyperglycemia	1	LINC01081	0.726364136
hyperglycemia	2	RAD51-AS1	0.708170801
hyperglycemia	3	HAS2-AS1	0.616932168
hyperglycemia	4	LINC00922	0.451047891
hyperglycemia	5	NCAM1-AS1	0.41147038
hyperglycemia	6	IL10RB-AS1	0.384516975
hyperglycemia	7	DSCR9	0.36534313
hyperglycemia	8	PARD6G-AS1	0.363146507
hyperglycemia	9	TEX41	0.348636064
hyperglycemia	10	NFIA-AS1	0.316731192
hyperglycemia	11	ADORA2A-AS1	0.306346266
hyperglycemia	12	LINC01387	0.298159034
hyperglycemia	13	LINC00477	0.291917444
hyperglycemia	14	LINC01098	0.2889527
hyperglycemia	15	MIR4435-2HG	0.28176372
hyperglycemia	16	LINC00856	0.275939363
hyperglycemia	17	LINC00336	0.271277364
hyperglycemia	18	SERTAD4-AS1	0.262554909
hyperglycemia	19	PSMB8-AS1	0.258381921
hyperglycemia	20	JAZF1-AS1	0.235825088
hyperglycemia	21	KCTD21-AS1	0.221361656
hyperglycemia	22	ATE1-AS1	0.215547381
hyperglycemia	23	LINC00942	0.214876954
hyperglycemia	24	MIR22HG	0.210954158
hyperglycemia	25	HPN-AS1	0.203795975
hyperglycemia	26	LINC01531	0.195676294
hyperglycemia	27	GATA3-AS1	0.193734663
hyperglycemia	28	LMCD1-AS1	0.192003652
hyperglycemia	29	LINC01588	0.18512658
hyperglycemia	30	HELLPAR	0.184202746
hair disease	1	PVT1	0.964647569
hair disease	2	NEAT1	0.908552813
hair disease	3	LINC01081	0.893157804
hair disease	4	RAD51-AS1	0.887366106
hair disease	5	HAS2-AS1	0.876133913
hair disease	6	LINC00922	0.841177148
hair disease	7	MIR4435-2HG	0.813831588
hair disease	8	ADORA2A-AS1	0.722980037
hair disease	9	JAZF1-AS1	0.674171689
hair disease	10	SERTAD4-AS1	0.666583575
hair disease	11	LINC00856	0.633611538
hair disease	12	NFIA-AS1	0.610529707
hair disease	13	IL10RB-AS1	0.549938294
hair disease	14	LMCD1-AS1	0.483030681
hair disease	15	PARD6G-AS1	0.451787718
hair disease	16	LINC01387	0.450667869
hair disease	17	LINC00477	0.428072888

hair disease	18	PSMB8-AS1	0.389487737
hair disease	19	MIR22HG	0.384686896
hair disease	20	LINC01098	0.370053528
hair disease	21	GATA3-AS1	0.369850479
hair disease	22	LINC01531	0.317147661
hair disease	23	HPN-AS1	0.312106798
hair disease	24	LINC00942	0.289421208
hair disease	25	ATE1-AS1	0.287423612
hair disease	26	LINC01588	0.278611441
hair disease	27	KCTD21-AS1	0.260607739
hair disease	28	NCAM1-AS1	0.259373161
hair disease	29	DSCR9	0.259042549
hair disease	30	TEX41	0.254971607
endometrial stromal sarcoma	1	MALAT1	0.93826437
endometrial stromal sarcoma	2	LINC01081	0.862105156
endometrial stromal sarcoma	3	HAS2-AS1	0.849303754
endometrial stromal sarcoma	4	LINC00922	0.845494951
endometrial stromal sarcoma	5	IL10RB-AS1	0.650087252
endometrial stromal sarcoma	6	PARD6G-AS1	0.610219386
endometrial stromal sarcoma	7	NCAM1-AS1	0.514856461
endometrial stromal sarcoma	8	NFIA-AS1	0.461939863
endometrial stromal sarcoma	9	MIR22HG	0.457615703
endometrial stromal sarcoma	10	TEX41	0.431048118
endometrial stromal sarcoma	11	LINC00336	0.411977491
endometrial stromal sarcoma	12	ADORA2A-AS1	0.342132486
endometrial stromal sarcoma	13	LINC01387	0.325257908
endometrial stromal sarcoma	14	LINC00477	0.311735915
endometrial stromal sarcoma	15	MIR4435-2HG	0.289802131
endometrial stromal sarcoma	16	LINC01098	0.275897236
endometrial stromal sarcoma	17	LMCD1-AS1	0.27534076
endometrial stromal sarcoma	18	GATA3-AS1	0.264698616
endometrial stromal sarcoma	19	PSMB8-AS1	0.250473025
endometrial stromal sarcoma	20	DSCR9	0.239294065
endometrial stromal sarcoma	21	LINC00856	0.235720849
endometrial stromal sarcoma	22	SERTAD4-AS1	0.228252397
endometrial stromal sarcoma	23	LINC01531	0.223165787
endometrial stromal sarcoma	24	KCTD21-AS1	0.218879455
endometrial stromal sarcoma	25	LINC00942	0.212091924
endometrial stromal sarcoma	26	ATE1-AS1	0.21083997
endometrial stromal sarcoma	27	HPN-AS1	0.21027184
endometrial stromal sarcoma	28	JAZF1-AS1	0.207849567
endometrial stromal sarcoma	29	LINC01588	0.192347517
endometrial stromal sarcoma	30	HELLPAR	0.188535504
myopathy	1	LINC00467	0.769762811
myopathy	2	LINC01588	0.731842167
myopathy	3	JAZF1-AS1	0.723257035
myopathy	4	LINC01387	0.682587592

myopathy	5	LINC00942	0.662574525
myopathy	6	PARD6G-AS1	0.59267373
myopathy	7	LINC00922	0.590332214
myopathy	8	LINC00856	0.563967861
myopathy	9	DSCR9	0.543383513
myopathy	10	IL10RB-AS1	0.541668297
myopathy	11	LMCD1-AS1	0.528182973
myopathy	12	LINC01098	0.520993777
myopathy	13	NCAM1-AS1	0.520774394
myopathy	14	TEX41	0.509736358
myopathy	15	SERTAD4-AS1	0.488415618
myopathy	16	ATE1-AS1	0.487015169
myopathy	17	LINC01531	0.462674903
myopathy	18	HPN-AS1	0.457610416
myopathy	19	GATA3-AS1	0.431983116
myopathy	20	PSMB8-AS1	0.421061829
myopathy	21	KCTD21-AS1	0.374521289
myopathy	22	LINC00477	0.37234654
myopathy	23	LINC00336	0.361840995
myopathy	24	LINC00472	0.352208377
myopathy	25	HOXA11-AS	0.347205004
myopathy	26	HELLPAR	0.325328188
myopathy	27	OLMALINC	0.317817398
myopathy	28	PCAT4	0.31148524
myopathy	29	CBR3-AS1	0.307424943
myopathy	30	NFIA-AS1	0.297948696
smooth muscle cancer	1	PCA3	0.786255155
smooth muscle cancer	2	VLDLR-AS1	0.646993896
smooth muscle cancer	3	OLMALINC	0.621417313
smooth muscle cancer	4	LINC00319	0.562969942
smooth muscle cancer	5	FBXW7-AS1	0.52806843
smooth muscle cancer	6	ABALON	0.436525737
smooth muscle cancer	7	PARD6G-AS1	0.434147047
smooth muscle cancer	8	LINC01387	0.396415266
smooth muscle cancer	9	LINC00477	0.390742278
smooth muscle cancer	10	SERTAD4-AS1	0.366995086
smooth muscle cancer	11	LINC01098	0.364055422
smooth muscle cancer	12	JAZF1-AS1	0.323219844
smooth muscle cancer	13	LMCD1-AS1	0.322028549
smooth muscle cancer	14	PSMB8-AS1	0.320481378
smooth muscle cancer	15	LINC00922	0.320029897
smooth muscle cancer	16	IL10RB-AS1	0.31885018
smooth muscle cancer	17	LINC00856	0.310527436
smooth muscle cancer	18	LINC00942	0.302359028
smooth muscle cancer	19	LINC00336	0.301851151
smooth muscle cancer	20	KCTD21-AS1	0.298522924
smooth muscle cancer	21	LINC01588	0.294522924



smooth muscle cancer	22	ATE1-AS1	0.279585119
smooth muscle cancer	23	DSCR9	0.279395748
smooth muscle cancer	24	TEX41	0.275256297
smooth muscle cancer	25	GATA3-AS1	0.254867815
smooth muscle cancer	26	HPN-AS1	0.246377965
smooth muscle cancer	27	LINC01531	0.238427811
smooth muscle cancer	28	NCAM1-AS1	0.224035401
smooth muscle cancer	29	COL18A1-AS1	0.223559456
smooth muscle cancer	30	MHRT	0.222233617
cervical cancer	1	BCYRN1	0.965879898
cervical cancer	2	MALAT1	0.955179593
cervical cancer	3	PVT1	0.954531515
cervical cancer	4	HOTAIR	0.950627774
cervical cancer	5	CCAT2	0.937780609
cervical cancer	6	MEG3	0.930282354
cervical cancer	7	GAS5	0.922912332
cervical cancer	8	TUSC8	0.922016698
cervical cancer	9	H19	0.920964067
cervical cancer	10	VLDLR-AS1	0.917512202
cervical cancer	11	LINC00319	0.891146822
cervical cancer	12	OLMALINC	0.874479017
cervical cancer	13	PEG3-AS1	0.80913297
cervical cancer	14	LRRC3DN	0.784797638
cervical cancer	15	PWRN1	0.783839307
cervical cancer	16	LINC00293	0.736129757
cervical cancer	17	ZNF667-AS1	0.733587313
cervical cancer	18	LINC00273	0.695129377
cervical cancer	19	COPG2IT1	0.611860438
cervical cancer	20	CASC8	0.604537328
cervical cancer	21	LINC01235	0.596773955
cervical cancer	22	FALEC	0.580438667
cervical cancer	23	LINC01184	0.556777726
cervical cancer	24	AGAP2-AS1	0.545208568
cervical cancer	25	HELLPAR	0.541547876
cervical cancer	26	LINC01081	0.530229425
cervical cancer	27	TTY2	0.527807109
cervical cancer	28	HAS2-AS1	0.526822405
cervical cancer	29	MIR4435-2HG	0.520009782
cervical cancer	30	ABALON	0.489428169
seminoma	1	LINC00319	0.668375903
seminoma	2	MHRT	0.555111046
seminoma	3	HAS2-AS1	0.479724848
seminoma	4	ADORA2A-AS1	0.456844813
seminoma	5	COL18A1-AS1	0.396572659
seminoma	6	LINC00856	0.360119908
seminoma	7	IL10RB-AS1	0.354741645
seminoma	8	TEX41	0.33947642

seminoma	9	NCAM1-AS1	0.316838195
seminoma	10	DSCR9	0.309204622
seminoma	11	JAZF1-AS1	0.26979277
seminoma	12	PARD6G-AS1	0.263157876
seminoma	13	LINC00922	0.256346771
seminoma	14	LINC00942	0.254646272
seminoma	15	LINC00477	0.248785722
seminoma	16	LMCD1-AS1	0.246651608
seminoma	17	SERTAD4-AS1	0.233306232
seminoma	18	LINC01387	0.231219016
seminoma	19	KCTD21-AS1	0.228853298
seminoma	20	LINC00336	0.212412688
seminoma	21	ATE1-AS1	0.19005502
seminoma	22	LINC01588	0.189892019
seminoma	23	LINC01098	0.187990225
seminoma	24	GATA3-AS1	0.176352762
seminoma	25	HPN-AS1	0.172198909
seminoma	26	PSMB8-AS1	0.171922132
seminoma	27	LINC01531	0.162404108
seminoma	28	NFIA-AS1	0.159662878
seminoma	29	MIR4435-2HG	0.158088355
seminoma	30	NBR2	0.146591264
renal cell carcinoma	1	MALAT1	0.99850347
renal cell carcinoma	2	TUG1	0.99726961
renal cell carcinoma	3	UCA1	0.995162623
renal cell carcinoma	4	SPRY4-IT1	0.955009218
renal cell carcinoma	5	MEG3	0.944897307
renal cell carcinoma	6	GAS5	0.944196684
renal cell carcinoma	7	ADORA2A-AS1	0.907747822
renal cell carcinoma	8	APTR	0.903655241
renal cell carcinoma	9	TTY2	0.873029563
renal cell carcinoma	10	RAD51-AS1	0.872489969
renal cell carcinoma	11	HELLPAR	0.862141125
renal cell carcinoma	12	NFIA-AS1	0.849329489
renal cell carcinoma	13	AGAP2-AS1	0.845476058
renal cell carcinoma	14	NUP50-AS1	0.832988997
renal cell carcinoma	15	MIR22HG	0.825222769
renal cell carcinoma	16	FMR1-AS1	0.819595077
renal cell carcinoma	17	LINC01081	0.801088807
renal cell carcinoma	18	PARTICL	0.742416669
renal cell carcinoma	19	PWAR5	0.701023287
renal cell carcinoma	20	LINC00479	0.690650304
renal cell carcinoma	21	PWRN1	0.568374404
renal cell carcinoma	22	LINC00293	0.54322329
renal cell carcinoma	23	ABALON	0.523862995
renal cell carcinoma	24	ZNF667-AS1	0.494144835
renal cell carcinoma	25	LINC00575	0.490261213

renal cell carcinoma	26	COPG2IT1	0.462782645
renal cell carcinoma	27	GHRLOS	0.44784783
renal cell carcinoma	28	CADM3-AS1	0.432965421
renal cell carcinoma	29	LINC01587	0.43107288
renal cell carcinoma	30	LINC00273	0.428081229
renal carcinoma	1	TUG1	0.998489375
renal carcinoma	2	HOTAIR	0.994695667
renal carcinoma	3	UCA1	0.952392718
renal carcinoma	4	MEG3	0.948690014
renal carcinoma	5	GAS5	0.948292512
renal carcinoma	6	MALAT1	0.924086716
renal carcinoma	7	SPRY4-IT1	0.917662928
renal carcinoma	8	RAD51-AS1	0.900385193
renal carcinoma	9	LINC00293	0.889722178
renal carcinoma	10	APTR	0.870250562
renal carcinoma	11	TTTY2	0.841858312
renal carcinoma	12	LINC01081	0.831393498
renal carcinoma	13	FMR1-AS1	0.830875736
renal carcinoma	14	PWAR5	0.830651412
renal carcinoma	15	LINC00479	0.826575008
renal carcinoma	16	PWRN1	0.798354811
renal carcinoma	17	NUP50-AS1	0.729203207
renal carcinoma	18	ADORA2A-AS1	0.702610444
renal carcinoma	19	HELLPAR	0.686554639
renal carcinoma	20	XACT	0.563224358
renal carcinoma	21	PARTICL	0.560229633
renal carcinoma	22	ABALON	0.513272729
renal carcinoma	23	GHRLOS	0.48625904
renal carcinoma	24	COPG2IT1	0.481041826
renal carcinoma	25	LINC00575	0.472235761
renal carcinoma	26	LINC01587	0.4619349
renal carcinoma	27	LINC00273	0.45795552
renal carcinoma	28	CADM3-AS1	0.457314957
renal carcinoma	29	MIR4435-2HG	0.428146059
renal carcinoma	30	NFIA-AS1	0.414807389
renal clear cell carcinoma	1	LINC01081	0.903563128
renal clear cell carcinoma	2	HAS2-AS1	0.827974535
renal clear cell carcinoma	3	TEX41	0.826356139
renal clear cell carcinoma	4	MIR4435-2HG	0.809525637
renal clear cell carcinoma	5	LINC00477	0.622717328
renal clear cell carcinoma	6	DSCR9	0.574049829
renal clear cell carcinoma	7	JAZF1-AS1	0.56104188
renal clear cell carcinoma	8	NCAM1-AS1	0.475291769
renal clear cell carcinoma	9	PARD6G-AS1	0.474696487
renal clear cell carcinoma	10	NFIA-AS1	0.456941793
renal clear cell carcinoma	11	LMCD1-AS1	0.382446424
renal clear cell carcinoma	12	IL10RB-AS1	0.35089537

renal clear cell carcinoma	13	LINC00336	0.308362722
renal clear cell carcinoma	14	LINC01387	0.255021718
renal clear cell carcinoma	15	ADORA2A-AS1	0.249210805
renal clear cell carcinoma	16	LINC00856	0.240853491
renal clear cell carcinoma	17	MIR22HG	0.235981687
renal clear cell carcinoma	18	LINC01588	0.224267237
renal clear cell carcinoma	19	SERTAD4-AS1	0.221466485
renal clear cell carcinoma	20	LINC01098	0.221324422
renal clear cell carcinoma	21	GATA3-AS1	0.197085625
renal clear cell carcinoma	22	LINC01531	0.191247422
renal clear cell carcinoma	23	HPN-AS1	0.19055316
renal clear cell carcinoma	24	ATE1-AS1	0.188753439
renal clear cell carcinoma	25	LINC00942	0.180258036
renal clear cell carcinoma	26	LINC00922	0.177495316
renal clear cell carcinoma	27	KCTD21-AS1	0.172759201
renal clear cell carcinoma	28	PSMB8-AS1	0.158689849
renal clear cell carcinoma	29	HELLPAR	0.153532625
renal clear cell carcinoma	30	ABALON	0.152543878
hypotrichosis	1	PVT1	0.894982938
hypotrichosis	2	NEAT1	0.845141574
hypotrichosis	3	LINC01081	0.828606047
hypotrichosis	4	RAD51-AS1	0.761463495
hypotrichosis	5	HAS2-AS1	0.72928161
hypotrichosis	6	LINC00922	0.729205805
hypotrichosis	7	IL10RB-AS1	0.723433521
hypotrichosis	8	ADORA2A-AS1	0.628868891
hypotrichosis	9	JAZF1-AS1	0.583935286
hypotrichosis	10	SERTAD4-AS1	0.576026703
hypotrichosis	11	NCAM1-AS1	0.530139209
hypotrichosis	12	PARD6G-AS1	0.478072526
hypotrichosis	13	LINC00856	0.450604949
hypotrichosis	14	NFIA-AS1	0.449316805
hypotrichosis	15	TEX41	0.442716292
hypotrichosis	16	DSCR9	0.434366825
hypotrichosis	17	LMCD1-AS1	0.390326278
hypotrichosis	18	LINC00336	0.367549281
hypotrichosis	19	LINC00477	0.354459453
hypotrichosis	20	LINC01588	0.318327682
hypotrichosis	21	LINC01098	0.271051584
hypotrichosis	22	GATA3-AS1	0.251751664
hypotrichosis	23	LINC01531	0.238903347
hypotrichosis	24	HPN-AS1	0.232632963
hypotrichosis	25	LINC00942	0.204570123
hypotrichosis	26	ATE1-AS1	0.200061657
hypotrichosis	27	KCTD21-AS1	0.195919146
hypotrichosis	28	MIR4435-2HG	0.191739805
hypotrichosis	29	PSMB8-AS1	0.186676638

hypotrichosis	30	MIR22HG	0.176125922
biliary tract cancer	1	HOTAIR	0.979813684
biliary tract cancer	2	MALAT1	0.954824809
biliary tract cancer	3	CCAT1	0.919876126
biliary tract cancer	4	H19	0.882547928
biliary tract cancer	5	MINCR	0.831226568
biliary tract cancer	6	MEG3	0.815992062
biliary tract cancer	7	OLMALINC	0.814545758
biliary tract cancer	8	VLDLR-AS1	0.809705079
biliary tract cancer	9	MHRT	0.809202587
biliary tract cancer	10	PEG3-AS1	0.804521848
biliary tract cancer	11	LRRC3DN	0.799049362
biliary tract cancer	12	LINC00319	0.758533362
biliary tract cancer	13	LINC01235	0.735806898
biliary tract cancer	14	FBXW7-AS1	0.718008389
biliary tract cancer	15	MEG8	0.714983389
biliary tract cancer	16	DSCR10	0.691114403
biliary tract cancer	17	MIR137HG	0.680797459
biliary tract cancer	18	MESTIT1	0.677368658
biliary tract cancer	19	NORAD	0.667067096
biliary tract cancer	20	LINC00315	0.620504503
biliary tract cancer	21	NBR2	0.577777914
biliary tract cancer	22	CECR7	0.558227649
biliary tract cancer	23	LINC00299	0.556921287
biliary tract cancer	24	LINC00293	0.547613707
biliary tract cancer	25	ZNF667-AS1	0.524729279
biliary tract cancer	26	PWAR4	0.522179844
biliary tract cancer	27	MIR22HG	0.497242362
biliary tract cancer	28	TTY2	0.475628999
biliary tract cancer	29	LINC01081	0.474736307
biliary tract cancer	30	ADORA2A-AS1	0.459167521
retinal cancer	1	MIR17HG	0.998015634
retinal cancer	2	MIR155HG	0.997493895
retinal cancer	3	BANCR	0.991823045
retinal cancer	4	LINC01081	0.99055894
retinal cancer	5	HAS2-AS1	0.9788983
retinal cancer	6	RAD51-AS1	0.972366533
retinal cancer	7	NFIA-AS1	0.963708104
retinal cancer	8	NCAM1-AS1	0.933659218
retinal cancer	9	LINC00922	0.914801651
retinal cancer	10	TEX41	0.83647893
retinal cancer	11	LINC00477	0.748409072
retinal cancer	12	MIR4435-2HG	0.73342605
retinal cancer	13	LMCD1-AS1	0.710188405
retinal cancer	14	ADORA2A-AS1	0.688541304
retinal cancer	15	IL10RB-AS1	0.665612026
retinal cancer	16	DSCR9	0.578871181

retinal cancer	17	LINC01387	0.575242
retinal cancer	18	PARD6G-AS1	0.572373357
retinal cancer	19	LINC00856	0.564860175
retinal cancer	20	LINC01098	0.475560472
retinal cancer	21	GATA3-AS1	0.42756294
retinal cancer	22	LINC01531	0.416377357
retinal cancer	23	HPN-AS1	0.391263259
retinal cancer	24	LINC00336	0.384989703
retinal cancer	25	ATE1-AS1	0.363775333
retinal cancer	26	LINC00942	0.317390524
retinal cancer	27	JAZF1-AS1	0.261158969
retinal cancer	28	KCTD21-AS1	0.24931383
retinal cancer	29	LINC01588	0.241786325
retinal cancer	30	PSMB8-AS1	0.240606496
uremia	1	LINC01081	0.582241002
uremia	2	RAD51-AS1	0.575464243
uremia	3	HAS2-AS1	0.54363091
uremia	4	LINC00942	0.534034534
uremia	5	NCAM1-AS1	0.484676596
uremia	6	LMCD1-AS1	0.467281707
uremia	7	PARD6G-AS1	0.459383689
uremia	8	IL10RB-AS1	0.457862763
uremia	9	NFIA-AS1	0.422484022
uremia	10	JAZF1-AS1	0.416380784
uremia	11	LINC01588	0.411077548
uremia	12	LINC00336	0.407006577
uremia	13	SERTAD4-AS1	0.389526138
uremia	14	LINC01387	0.34656983
uremia	15	ADORA2A-AS1	0.346079948
uremia	16	DSCR9	0.336129259
uremia	17	LINC00856	0.330119547
uremia	18	LINC00477	0.328399853
uremia	19	LINC00922	0.324476717
uremia	20	LINC01098	0.317710537
uremia	21	GATA3-AS1	0.307207631
uremia	22	LINC01531	0.272813967
uremia	23	HPN-AS1	0.251267409
uremia	24	ATE1-AS1	0.245622174
uremia	25	KCTD21-AS1	0.216433395
uremia	26	PSMB8-AS1	0.20838808
uremia	27	MIR4435-2HG	0.208026425
uremia	28	MIR22HG	0.207548906
uremia	29	TEX41	0.205109827
uremia	30	HELLPAR	0.184470859
prostate disease	1	PCGEM1	0.951956369
prostate disease	2	GAS5	0.933150695
prostate disease	3	IGF2-AS	0.918551823

prostate disease	4	SCHLAP1	0.901946395
prostate disease	5	MEG3	0.90030339
prostate disease	6	PVT1	0.898473826
prostate disease	7	PCAT1	0.838773606
prostate disease	8	PCA3	0.822647164
prostate disease	9	PRNCR1	0.815750704
prostate disease	10	CBR3-AS1	0.811042099
prostate disease	11	LRRC3DN	0.807442442
prostate disease	12	MIR22HG	0.799082218
prostate disease	13	RAD51-AS1	0.774974081
prostate disease	14	TTY2	0.769071947
prostate disease	15	TTY4	0.758758494
prostate disease	16	LINC01235	0.752593357
prostate disease	17	COPG2IT1	0.752593357
prostate disease	18	VLDLR-AS1	0.750843292
prostate disease	19	DIO3OS	0.726651172
prostate disease	20	PEG3-AS1	0.725463991
prostate disease	21	LINC00319	0.721944746
prostate disease	22	NBR2	0.715604858
prostate disease	23	PCAT4	0.708249366
prostate disease	24	ZNF667-AS1	0.699857999
prostate disease	25	LINC01081	0.69948584
prostate disease	26	TSIX	0.694786934
prostate disease	27	APTR	0.694415138
prostate disease	28	NORAD	0.689388651
prostate disease	29	LINC00479	0.688545412
prostate disease	30	PWAR5	0.685218224
infratentorial cancer	1	H19	0.964347387
infratentorial cancer	2	MIR17HG	0.956844248
infratentorial cancer	3	LINC00942	0.910536775
infratentorial cancer	4	LMCD1-AS1	0.908770223
infratentorial cancer	5	LINC00477	0.905557916
infratentorial cancer	6	IL10RB-AS1	0.891991694
infratentorial cancer	7	LINC00856	0.828183119
infratentorial cancer	8	TEX41	0.812341921
infratentorial cancer	9	SERTAD4-AS1	0.650579915
infratentorial cancer	10	JAZF1-AS1	0.62557032
infratentorial cancer	11	LINC01098	0.624086042
infratentorial cancer	12	PSMB8-AS1	0.489444242
infratentorial cancer	13	LINC01387	0.474060811
infratentorial cancer	14	NCAM1-AS1	0.465360776
infratentorial cancer	15	DSCR9	0.448625907
infratentorial cancer	16	LINC00922	0.398139387
infratentorial cancer	17	KCTD21-AS1	0.39705346
infratentorial cancer	18	ATE1-AS1	0.391969592
infratentorial cancer	19	LINC01588	0.376752425
infratentorial cancer	20	PARD6G-AS1	0.37514881

infratentorial cancer	21	HPN-AS1	0.350310558
infratentorial cancer	22	LINC01531	0.332864711
infratentorial cancer	23	GATA3-AS1	0.330778867
infratentorial cancer	24	LINC00336	0.30327638
infratentorial cancer	25	TARID	0.299561676
infratentorial cancer	26	LINC01024	0.297104963
infratentorial cancer	27	FAM83H-AS1	0.255515079
infratentorial cancer	28	CDR1-AS	0.239238759
infratentorial cancer	29	LINC01081	0.230577008
infratentorial cancer	30	RAD51-AS1	0.229883465
multiple system atrophy	1	ATXN8OS	0.828859611
multiple system atrophy	2	LINC01081	0.65894452
multiple system atrophy	3	HAS2-AS1	0.64047747
multiple system atrophy	4	RAD51-AS1	0.62608923
multiple system atrophy	5	SERTAD4-AS1	0.625482325
multiple system atrophy	6	LINC00856	0.579431657
multiple system atrophy	7	TEX41	0.575176746
multiple system atrophy	8	DSCR9	0.574700876
multiple system atrophy	9	ADORA2A-AS1	0.572396063
multiple system atrophy	10	NCAM1-AS1	0.57132481
multiple system atrophy	11	LINC01588	0.562581006
multiple system atrophy	12	LINC00922	0.52190496
multiple system atrophy	13	NFIA-AS1	0.487461361
multiple system atrophy	14	IL10RB-AS1	0.483836691
multiple system atrophy	15	PARD6G-AS1	0.479971773
multiple system atrophy	16	LMCD1-AS1	0.456326356
multiple system atrophy	17	MIR22HG	0.431320422
multiple system atrophy	18	JAZF1-AS1	0.43048511
multiple system atrophy	19	LINC01387	0.418837604
multiple system atrophy	20	LINC00942	0.366089229
multiple system atrophy	21	LINC00477	0.365231481
multiple system atrophy	22	GATA3-AS1	0.342948214
multiple system atrophy	23	LINC01531	0.341206905
multiple system atrophy	24	HPN-AS1	0.311303129
multiple system atrophy	25	LINC00336	0.308567215
multiple system atrophy	26	ATE1-AS1	0.303294599
multiple system atrophy	27	KCTD21-AS1	0.295182306
multiple system atrophy	28	PSMB8-AS1	0.267330614
multiple system atrophy	29	MIR4435-2HG	0.265238162
multiple system atrophy	30	LINC01098	0.265238162
male reproductive system disease	1	CDKN2B-AS1	0.998608222
male reproductive system disease	2	SCHLAP1	0.994830374
male reproductive system disease	3	H19	0.959166799
male reproductive system disease	4	LINC00474	0.954670368
male reproductive system disease	5	PCGEM1	0.951290557
male reproductive system disease	6	MALAT1	0.94319462
male reproductive system disease	7	IGF2-AS	0.912201752



male reproductive system disease	8	PCAT1	0.90396101
male reproductive system disease	9	PVT1	0.900317797
male reproductive system disease	10	C1QTNF9B-AS1	0.890355162
male reproductive system disease	11	CTBP1-AS	0.88069655
male reproductive system disease	12	MEG3	0.877637916
male reproductive system disease	13	PRNCR1	0.876430696
male reproductive system disease	14	DISC1FP1	0.872791221
male reproductive system disease	15	ADORA2A-AS1	0.849767992
male reproductive system disease	16	ABALON	0.849068327
male reproductive system disease	17	LINC00293	0.842221317
male reproductive system disease	18	RAD51-AS1	0.835263974
male reproductive system disease	19	HAS2-AS1	0.831174854
male reproductive system disease	20	DBET	0.824748218
male reproductive system disease	21	NFIA-AS1	0.813473218
male reproductive system disease	22	VLDLR-AS1	0.807201628
male reproductive system disease	23	OLMALINC	0.801257841
male reproductive system disease	24	PEG3-AS1	0.793944237
male reproductive system disease	25	FAM30A	0.791903336
male reproductive system disease	26	LINC00575	0.787909283
male reproductive system disease	27	LINC00273	0.787226408
male reproductive system disease	28	GPR1-AS	0.783169686
male reproductive system disease	29	CASC8	0.77436
male reproductive system disease	30	PARTICL	0.769910543
pilomyxoid astrocytoma	1	H19	0.935237112
pilomyxoid astrocytoma	2	LINC01081	0.901977125
pilomyxoid astrocytoma	3	HAS2-AS1	0.865111537
pilomyxoid astrocytoma	4	RAD51-AS1	0.708049512
pilomyxoid astrocytoma	5	LINC00336	0.694499259
pilomyxoid astrocytoma	6	IL10RB-AS1	0.517831459
pilomyxoid astrocytoma	7	PARD6G-AS1	0.503150544
pilomyxoid astrocytoma	8	NFIA-AS1	0.446761984
pilomyxoid astrocytoma	9	MIR22HG	0.395475922
pilomyxoid astrocytoma	10	ADORA2A-AS1	0.357430721
pilomyxoid astrocytoma	11	LINC01387	0.347520149
pilomyxoid astrocytoma	12	LINC00922	0.221137011
pilomyxoid astrocytoma	13	LINC00477	0.205832068
pilomyxoid astrocytoma	14	TEX41	0.185213921
pilomyxoid astrocytoma	15	LINC01098	0.177205684
pilomyxoid astrocytoma	16	NCAM1-AS1	0.176571011
pilomyxoid astrocytoma	17	MIR4435-2HG	0.165030508
pilomyxoid astrocytoma	18	LMCD1-AS1	0.141941574
pilomyxoid astrocytoma	19	PSMB8-AS1	0.138077314
pilomyxoid astrocytoma	20	SERTAD4-AS1	0.136382103
pilomyxoid astrocytoma	21	DSCR9	0.135295388
pilomyxoid astrocytoma	22	KCTD21-AS1	0.129179894
pilomyxoid astrocytoma	23	LINC00942	0.118588389
pilomyxoid astrocytoma	24	GATA3-AS1	0.10680161

pilomyxoid astrocytoma	25	ATE1-AS1	0.100416223
pilomyxoid astrocytoma	26	LINC00856	0.092379288
pilomyxoid astrocytoma	27	LINC01588	0.091424834
pilomyxoid astrocytoma	28	JAZF1-AS1	0.089419229
pilomyxoid astrocytoma	29	LINC01531	0.083024733
pilomyxoid astrocytoma	30	HPN-AS1	0.0809627
pilocytic astrocytoma	1	H19	0.935237112
pilocytic astrocytoma	2	LINC01081	0.901977125
pilocytic astrocytoma	3	HAS2-AS1	0.865111537
pilocytic astrocytoma	4	RAD51-AS1	0.708049512
pilocytic astrocytoma	5	LINC00336	0.694499259
pilocytic astrocytoma	6	IL10RB-AS1	0.517831459
pilocytic astrocytoma	7	PARD6G-AS1	0.503150544
pilocytic astrocytoma	8	NFIA-AS1	0.446761984
pilocytic astrocytoma	9	MIR22HG	0.395475922
pilocytic astrocytoma	10	ADORA2A-AS1	0.357430721
pilocytic astrocytoma	11	LINC01387	0.347520149
pilocytic astrocytoma	12	LINC00922	0.221137011
pilocytic astrocytoma	13	LINC00477	0.205832068
pilocytic astrocytoma	14	TEX41	0.185213921
pilocytic astrocytoma	15	LINC01098	0.177205684
pilocytic astrocytoma	16	NCAM1-AS1	0.176571011
pilocytic astrocytoma	17	MIR4435-2HG	0.165030508
pilocytic astrocytoma	18	LMCD1-AS1	0.141941574
pilocytic astrocytoma	19	PSMB8-AS1	0.138077314
pilocytic astrocytoma	20	SERTAD4-AS1	0.136382103
pilocytic astrocytoma	21	DSCR9	0.135295388
pilocytic astrocytoma	22	KCTD21-AS1	0.129179894
pilocytic astrocytoma	23	LINC00942	0.118588389
pilocytic astrocytoma	24	GATA3-AS1	0.10680161
pilocytic astrocytoma	25	ATE1-AS1	0.100416223
pilocytic astrocytoma	26	LINC00856	0.092379288
pilocytic astrocytoma	27	LINC01588	0.091424834
pilocytic astrocytoma	28	JAZF1-AS1	0.089419229
pilocytic astrocytoma	29	LINC01531	0.083024733
pilocytic astrocytoma	30	HPN-AS1	0.0809627
pancreatic carcinoma	1	PVT1	0.967570128
pancreatic carcinoma	2	H19	0.963711285
pancreatic carcinoma	3	HOTTIP	0.93152898
pancreatic carcinoma	4	LINC00675	0.873159001
pancreatic carcinoma	5	AFAP1-AS1	0.864506021
pancreatic carcinoma	6	OLMALINC	0.84882968
pancreatic carcinoma	7	NBR2	0.840112263
pancreatic carcinoma	8	MIR4435-2HG	0.822332969
pancreatic carcinoma	9	GHRLOS	0.784080639
pancreatic carcinoma	10	LMCD1-AS1	0.775733373
pancreatic carcinoma	11	IL10RB-AS1	0.772528594

pancreatic carcinoma	12	PARD6G-AS1	0.762888381
pancreatic carcinoma	13	LINC01387	0.759388569
pancreatic carcinoma	14	LINC00856	0.737483766
pancreatic carcinoma	15	LINC00922	0.717026944
pancreatic carcinoma	16	SERTAD4-AS1	0.717010341
pancreatic carcinoma	17	JAZF1-AS1	0.713492038
pancreatic carcinoma	18	NCAM1-AS1	0.712014599
pancreatic carcinoma	19	LINC01588	0.683881472
pancreatic carcinoma	20	LINC00942	0.655736517
pancreatic carcinoma	21	HPN-AS1	0.647196073
pancreatic carcinoma	22	DSCR9	0.640687596
pancreatic carcinoma	23	ATE1-AS1	0.629094557
pancreatic carcinoma	24	KCTD21-AS1	0.616141873
pancreatic carcinoma	25	LINC01531	0.563073638
pancreatic carcinoma	26	LINC00477	0.502206527
pancreatic carcinoma	27	PSMB8-AS1	0.498610174
pancreatic carcinoma	28	GATA3-AS1	0.489747099
pancreatic carcinoma	29	TEX41	0.441271571
pancreatic carcinoma	30	LINC01098	0.417913415
esophagus adenocarcinoma	1	HNF1A-AS1	0.767883921
esophagus adenocarcinoma	2	VLDLR-AS1	0.649004132
esophagus adenocarcinoma	3	OLMALINC	0.647132321
esophagus adenocarcinoma	4	LINC00856	0.601975922
esophagus adenocarcinoma	5	IL10RB-AS1	0.58392993
esophagus adenocarcinoma	6	TEX41	0.527025803
esophagus adenocarcinoma	7	PARD6G-AS1	0.510909833
esophagus adenocarcinoma	8	LINC00477	0.483407059
esophagus adenocarcinoma	9	DSCR9	0.453842943
esophagus adenocarcinoma	10	PSMB8-AS1	0.428020619
esophagus adenocarcinoma	11	LINC01387	0.415869919
esophagus adenocarcinoma	12	LINC01098	0.39817255
esophagus adenocarcinoma	13	LINC01588	0.395074208
esophagus adenocarcinoma	14	LMCD1-AS1	0.393723116
esophagus adenocarcinoma	15	NCAM1-AS1	0.390329236
esophagus adenocarcinoma	16	JAZF1-AS1	0.38569226
esophagus adenocarcinoma	17	KCTD21-AS1	0.384651634
esophagus adenocarcinoma	18	LINC00942	0.377895464
esophagus adenocarcinoma	19	LINC00336	0.376731462
esophagus adenocarcinoma	20	ATE1-AS1	0.370446455
esophagus adenocarcinoma	21	LINC00922	0.36889433
esophagus adenocarcinoma	22	HPN-AS1	0.365274725
esophagus adenocarcinoma	23	LINC01531	0.361286269
esophagus adenocarcinoma	24	GATA3-AS1	0.340729627
esophagus adenocarcinoma	25	SERTAD4-AS1	0.340202058
esophagus adenocarcinoma	26	HAS2-AS1	0.340201022
esophagus adenocarcinoma	27	MIR4435-2HG	0.328730616
esophagus adenocarcinoma	28	NFIA-AS1	0.326750032

esophagus adenocarcinoma	29	NBR2	0.316945713
esophagus adenocarcinoma	30	PARTICL	0.310443797
bone marrow cancer	1	GAS5	0.997053357
bone marrow cancer	2	HOTAIR	0.975443074
bone marrow cancer	3	MALAT1	0.971233494
bone marrow cancer	4	MIR17HG	0.967657043
bone marrow cancer	5	MEG3	0.957584043
bone marrow cancer	6	WT1-AS	0.957325458
bone marrow cancer	7	PVT1	0.931488843
bone marrow cancer	8	VLDLR-AS1	0.9141702
bone marrow cancer	9	LINC00319	0.907414866
bone marrow cancer	10	PEG3-AS1	0.887260537
bone marrow cancer	11	OLMALINC	0.886732043
bone marrow cancer	12	LINC01235	0.864946575
bone marrow cancer	13	HAS2-AS1	0.860900135
bone marrow cancer	14	DIO3OS	0.858673118
bone marrow cancer	15	RAD51-AS1	0.85182524
bone marrow cancer	16	APTR	0.750644938
bone marrow cancer	17	ZNF667-AS1	0.734008755
bone marrow cancer	18	NFIA-AS1	0.733548415
bone marrow cancer	19	FMR1-AS1	0.728914986
bone marrow cancer	20	LINC01081	0.696785079
bone marrow cancer	21	TTY4	0.692160552
bone marrow cancer	22	CARMN	0.676215067
bone marrow cancer	23	PWAR5	0.674347226
bone marrow cancer	24	LINC00479	0.637234792
bone marrow cancer	25	LINC00575	0.574440521
bone marrow cancer	26	LINC00315	0.565243972
bone marrow cancer	27	HELLPAR	0.54930586
bone marrow cancer	28	MIR22HG	0.538556719
bone marrow cancer	29	LINC00273	0.53356538
bone marrow cancer	30	LINC00293	0.532635062
bone marrow disease	1	H19	0.882074396
bone marrow disease	2	LINC01081	0.851293434
bone marrow disease	3	HAS2-AS1	0.800981513
bone marrow disease	4	RAD51-AS1	0.721030494
bone marrow disease	5	LINC01588	0.688023064
bone marrow disease	6	NCAM1-AS1	0.643348491
bone marrow disease	7	DSCR9	0.63299554
bone marrow disease	8	LMCD1-AS1	0.576318496
bone marrow disease	9	PARD6G-AS1	0.509483859
bone marrow disease	10	IL10RB-AS1	0.467858095
bone marrow disease	11	TEX41	0.457584848
bone marrow disease	12	LINC01387	0.422299102
bone marrow disease	13	ADORA2A-AS1	0.342264171
bone marrow disease	14	LINC00856	0.301827019
bone marrow disease	15	SERTAD4-AS1	0.280358033

bone marrow disease	16	JAZF1-AS1	0.276052597
bone marrow disease	17	MIR22HG	0.268482604
bone marrow disease	18	LINC00942	0.237508035
bone marrow disease	19	NFIA-AS1	0.2193933
bone marrow disease	20	LINC00336	0.217434007
bone marrow disease	21	LINC00922	0.215075598
bone marrow disease	22	LINC01098	0.209794815
bone marrow disease	23	KCTD21-AS1	0.208571998
bone marrow disease	24	ATE1-AS1	0.2044941
bone marrow disease	25	MIR4435-2HG	0.200748357
bone marrow disease	26	HPN-AS1	0.200309172
bone marrow disease	27	PSMB8-AS1	0.191663759
bone marrow disease	28	GATA3-AS1	0.182655145
bone marrow disease	29	LINC00477	0.180729284
bone marrow disease	30	LINC01531	0.161888202
myelofibrosis	1	MEG3	0.9801738
myelofibrosis	2	LINC00477	0.978110841
myelofibrosis	3	NCAM1-AS1	0.973683197
myelofibrosis	4	IL10RB-AS1	0.900992627
myelofibrosis	5	LINC00856	0.877313231
myelofibrosis	6	PSMB8-AS1	0.872942599
myelofibrosis	7	LINC01098	0.745149532
myelofibrosis	8	LINC00942	0.665124582
myelofibrosis	9	SERTAD4-AS1	0.648810622
myelofibrosis	10	JAZF1-AS1	0.63972887
myelofibrosis	11	LMCD1-AS1	0.57344924
myelofibrosis	12	LINC01588	0.570697734
myelofibrosis	13	DSCR9	0.558315342
myelofibrosis	14	TEX41	0.557046332
myelofibrosis	15	PARD6G-AS1	0.549456045
myelofibrosis	16	ATE1-AS1	0.542500776
myelofibrosis	17	LINC00922	0.527576851
myelofibrosis	18	LINC00336	0.513723869
myelofibrosis	19	HPN-AS1	0.481030552
myelofibrosis	20	LINC01531	0.464517197
myelofibrosis	21	GATA3-AS1	0.463719317
myelofibrosis	22	KCTD21-AS1	0.452681809
myelofibrosis	23	LINC01387	0.429581675
myelofibrosis	24	COPG2IT1	0.414901592
myelofibrosis	25	TTY2	0.41414244
myelofibrosis	26	LINC00654	0.396364256
myelofibrosis	27	LINC00032	0.39429149
myelofibrosis	28	SAMMSON	0.378358429
myelofibrosis	29	ZNF667-AS1	0.368536224
myelofibrosis	30	PWAR5	0.356418912
esophageal cancer	1	SOX2-OT	0.996835463
esophageal cancer	2	LINC01426	0.99268327

esophageal cancer	3	HNF1A-AS1	0.980346096
esophageal cancer	4	H19	0.969400832
esophageal cancer	5	CDKN2B-AS1	0.95392718
esophageal cancer	6	HOTAIR	0.923427988
esophageal cancer	7	BCYRN1	0.91116203
esophageal cancer	8	SPRY4-IT1	0.896570904
esophageal cancer	9	HELLPAR	0.894485829
esophageal cancer	10	MIR22HG	0.890533021
esophageal cancer	11	LINC00315	0.888070635
esophageal cancer	12	NBR2	0.883302274
esophageal cancer	13	LINC00293	0.875589959
esophageal cancer	14	LINC00479	0.867611393
esophageal cancer	15	COPG2IT1	0.856264219
esophageal cancer	16	LINC01081	0.829535288
esophageal cancer	17	RAD51-AS1	0.825302288
esophageal cancer	18	COL18A1-AS1	0.806246561
esophageal cancer	19	HAS2-AS1	0.802874382
esophageal cancer	20	NFIA-AS1	0.762159243
esophageal cancer	21	GHRLOS	0.748734322
esophageal cancer	22	MIR4435-2HG	0.721646264
esophageal cancer	23	ABALON	0.676653343
esophageal cancer	24	APTR	0.663095353
esophageal cancer	25	HPN-AS1	0.646612514
esophageal cancer	26	KCTD21-AS1	0.623458398
esophageal cancer	27	LINC00942	0.593372682
esophageal cancer	28	LINC01387	0.579212023
esophageal cancer	29	LINC00336	0.568335011
esophageal cancer	30	LMCD1-AS1	0.564688476
thoracic cancer	1	PANDAR	0.995455372
thoracic cancer	2	MEG3	0.993091074
thoracic cancer	3	SPRY4-IT1	0.991984086
thoracic cancer	4	NEAT1	0.987738125
thoracic cancer	5	AFAP1-AS1	0.985543319
thoracic cancer	6	LSINCT5	0.985259871
thoracic cancer	7	LINC00583	0.980197241
thoracic cancer	8	XIST	0.979854476
thoracic cancer	9	LINC00472	0.972703064
thoracic cancer	10	LINC-ROR	0.968339333
thoracic cancer	11	SOX2-OT	0.967169533
thoracic cancer	12	HOTAIR	0.958239609
thoracic cancer	13	LINC00675	0.951001773
thoracic cancer	14	BCAR4	0.950756706
thoracic cancer	15	KCNQ1OT1	0.941337346
thoracic cancer	16	EGOT	0.928244393
thoracic cancer	17	HOTTIP	0.923986287
thoracic cancer	18	PVT1	0.923986287
thoracic cancer	19	MALAT1	0.919515389

thoracic cancer	20	MIR124-2HG	0.919464989
thoracic cancer	21	H19	0.918792841
thoracic cancer	22	CCAT1	0.917633448
thoracic cancer	23	CDKN2B-AS1	0.915906576
thoracic cancer	24	LINC00315	0.912447868
thoracic cancer	25	MIR22HG	0.907320302
thoracic cancer	26	HELLPAR	0.907320302
thoracic cancer	27	LINC00575	0.906784841
thoracic cancer	28	LINC00479	0.905404662
thoracic cancer	29	PWRN1	0.902027578
thoracic cancer	30	PWAR5	0.900768125
plexiform neurofibroma	1	LINC01081	0.821107915
plexiform neurofibroma	2	RAD51-AS1	0.699861547
plexiform neurofibroma	3	HAS2-AS1	0.696556308
plexiform neurofibroma	4	LINC00856	0.685714421
plexiform neurofibroma	5	IL10RB-AS1	0.43761967
plexiform neurofibroma	6	LINC00477	0.429859527
plexiform neurofibroma	7	LINC01588	0.42692256
plexiform neurofibroma	8	LINC00922	0.37393144
plexiform neurofibroma	9	JAZF1-AS1	0.358561428
plexiform neurofibroma	10	SERTAD4-AS1	0.337109646
plexiform neurofibroma	11	ADORA2A-AS1	0.282518412
plexiform neurofibroma	12	NCAM1-AS1	0.27510277
plexiform neurofibroma	13	PARD6G-AS1	0.258800269
plexiform neurofibroma	14	LINC01387	0.253350493
plexiform neurofibroma	15	NFIA-AS1	0.209161969
plexiform neurofibroma	16	MIR22HG	0.192511853
plexiform neurofibroma	17	MIR4435-2HG	0.188052521
plexiform neurofibroma	18	LMCD1-AS1	0.183263509
plexiform neurofibroma	19	LINC00336	0.182175814
plexiform neurofibroma	20	GATA3-AS1	0.180261289
plexiform neurofibroma	21	LINC00942	0.179829045
plexiform neurofibroma	22	LINC01531	0.170670287
plexiform neurofibroma	23	HPN-AS1	0.170541585
plexiform neurofibroma	24	TEX41	0.166888618
plexiform neurofibroma	25	PSMB8-AS1	0.16267375
plexiform neurofibroma	26	ATE1-AS1	0.156259258
plexiform neurofibroma	27	DSCR9	0.151570039
plexiform neurofibroma	28	KCTD21-AS1	0.149869521
plexiform neurofibroma	29	LINC01098	0.143804876
plexiform neurofibroma	30	HELLPAR	0.140703954
pleural cancer	1	PVT1	0.94868857
pleural cancer	2	VLDLR-AS1	0.918257559
pleural cancer	3	OLMALINC	0.865777168
pleural cancer	4	PARD6G-AS1	0.827066736
pleural cancer	5	NCAM1-AS1	0.725293227
pleural cancer	6	LINC01387	0.622233313

pleural cancer	7	LMCD1-AS1	0.569718376
pleural cancer	8	IL10RB-AS1	0.501153869
pleural cancer	9	LINC00856	0.498490181
pleural cancer	10	SERTAD4-AS1	0.47898606
pleural cancer	11	JAZF1-AS1	0.453226732
pleural cancer	12	LINC00922	0.406420301
pleural cancer	13	LINC00336	0.378406724
pleural cancer	14	TEX41	0.368382191
pleural cancer	15	DSCR9	0.365869206
pleural cancer	16	LINC01588	0.364468862
pleural cancer	17	LINC00477	0.355905374
pleural cancer	18	PSMB8-AS1	0.320131645
pleural cancer	19	LINC00942	0.309444831
pleural cancer	20	LINC01098	0.306265545
pleural cancer	21	GATA3-AS1	0.302533693
pleural cancer	22	LINC01531	0.30196423
pleural cancer	23	HPN-AS1	0.301500452
pleural cancer	24	ATE1-AS1	0.296182041
pleural cancer	25	KCTD21-AS1	0.29261053
pleural cancer	26	LINC00315	0.289349805
pleural cancer	27	PEG3-AS1	0.28613996
pleural cancer	28	LINC00319	0.275296868
pleural cancer	29	FBXW7-AS1	0.272308627
pleural cancer	30	LOXL1-AS1	0.268546146
endometrial stromal tumor	1	LINC01081	0.934449711
endometrial stromal tumor	2	HAS2-AS1	0.84385609
endometrial stromal tumor	3	NFIA-AS1	0.822107198
endometrial stromal tumor	4	MIR4435-2HG	0.818788252
endometrial stromal tumor	5	ADORA2A-AS1	0.551207246
endometrial stromal tumor	6	MIR22HG	0.548432459
endometrial stromal tumor	7	HELLPAR	0.47434999
endometrial stromal tumor	8	ABALON	0.409890988
endometrial stromal tumor	9	IL10RB-AS1	0.386552066
endometrial stromal tumor	10	LINC00922	0.358053124
endometrial stromal tumor	11	LMCD1-AS1	0.291814167
endometrial stromal tumor	12	LINC01387	0.261086828
endometrial stromal tumor	13	LINC00477	0.252876297
endometrial stromal tumor	14	TEX41	0.242048939
endometrial stromal tumor	15	PARD6G-AS1	0.192374328
endometrial stromal tumor	16	PSMB8-AS1	0.171354529
endometrial stromal tumor	17	LINC01098	0.165244229
endometrial stromal tumor	18	LINC00856	0.154272653
endometrial stromal tumor	19	GATA3-AS1	0.152000903
endometrial stromal tumor	20	LINC01531	0.146345107
endometrial stromal tumor	21	HPN-AS1	0.14328438
endometrial stromal tumor	22	LINC00942	0.141248303
endometrial stromal tumor	23	JAZF1-AS1	0.139201844



endometrial stromal tumor	24	LINC00336	0.136815282
endometrial stromal tumor	25	NCAM1-AS1	0.132589003
endometrial stromal tumor	26	SERTAD4-AS1	0.132198736
endometrial stromal tumor	27	KCTD21-AS1	0.121609603
endometrial stromal tumor	28	LINC01588	0.119453119
endometrial stromal tumor	29	DSCR9	0.118604632
endometrial stromal tumor	30	ATE1-AS1	0.116567629
hereditary Wilms' tumor	1	MEG3	0.997166901
hereditary Wilms' tumor	2	CDKN2B-AS1	0.99324574
hereditary Wilms' tumor	3	WT1-AS	0.902814185
hereditary Wilms' tumor	4	HAS2-AS1	0.891501021
hereditary Wilms' tumor	5	ADORA2A-AS1	0.817628265
hereditary Wilms' tumor	6	MIR22HG	0.709390924
hereditary Wilms' tumor	7	APTR	0.601146576
hereditary Wilms' tumor	8	COL18A1-AS1	0.590662702
hereditary Wilms' tumor	9	COPG2IT1	0.552599178
hereditary Wilms' tumor	10	TTY2	0.460881518
hereditary Wilms' tumor	11	LINC01081	0.450356783
hereditary Wilms' tumor	12	DIO3OS	0.449420111
hereditary Wilms' tumor	13	PWAR5	0.421207203
hereditary Wilms' tumor	14	VLDLR-AS1	0.402479845
hereditary Wilms' tumor	15	OLMALINC	0.387390056
hereditary Wilms' tumor	16	NFIA-AS1	0.386697657
hereditary Wilms' tumor	17	MIR4435-2HG	0.385098614
hereditary Wilms' tumor	18	HELLPAR	0.379696102
hereditary Wilms' tumor	19	ABALON	0.374579582
hereditary Wilms' tumor	20	NBR2	0.36735627
hereditary Wilms' tumor	21	LINC00315	0.342681597
hereditary Wilms' tumor	22	GHRLOS	0.324935445
hereditary Wilms' tumor	23	SERTAD4-AS1	0.320803048
hereditary Wilms' tumor	24	IL10RB-AS1	0.306358873
hereditary Wilms' tumor	25	LMCD1-AS1	0.301493124
hereditary Wilms' tumor	26	GATA3-AS1	0.297889389
hereditary Wilms' tumor	27	LINC01531	0.291548903
hereditary Wilms' tumor	28	LINC00856	0.278638412
hereditary Wilms' tumor	29	HPN-AS1	0.260506818
hereditary Wilms' tumor	30	LINC00336	0.231220439
aortic disease	1	CDKN2B-AS1	0.911124005
aortic disease	2	LINC01081	0.818162924
aortic disease	3	RAD51-AS1	0.739276679
aortic disease	4	HAS2-AS1	0.712168576
aortic disease	5	ADORA2A-AS1	0.650093857
aortic disease	6	LINC01588	0.639904773
aortic disease	7	NCAM1-AS1	0.619434355
aortic disease	8	DSCR9	0.618081094
aortic disease	9	TEX41	0.561120633
aortic disease	10	LMCD1-AS1	0.556825761

aortic disease	11	PARD6G-AS1	0.507491951
aortic disease	12	NFIA-AS1	0.468774641
aortic disease	13	JAZF1-AS1	0.456446297
aortic disease	14	SERTAD4-AS1	0.381404348
aortic disease	15	LINC00336	0.346666603
aortic disease	16	LINC00856	0.323275679
aortic disease	17	LINC01387	0.301954308
aortic disease	18	IL10RB-AS1	0.299696722
aortic disease	19	LINC00477	0.278469197
aortic disease	20	LINC00942	0.257285417
aortic disease	21	LINC00922	0.253149286
aortic disease	22	MIR4435-2HG	0.251440288
aortic disease	23	PSMB8-AS1	0.249066726
aortic disease	24	ATE1-AS1	0.248203671
aortic disease	25	MIR22HG	0.24674113
aortic disease	26	KCTD21-AS1	0.24241769
aortic disease	27	LINC01531	0.23846248
aortic disease	28	GATA3-AS1	0.220562346
aortic disease	29	LINC01098	0.219873103
aortic disease	30	HPN-AS1	0.217044003
infertility	1	LINC00474	0.963746711
infertility	2	LINC01081	0.897220358
infertility	3	HAS2-AS1	0.860711847
infertility	4	ADORA2A-AS1	0.839359461
infertility	5	MIR4435-2HG	0.785492572
infertility	6	NFIA-AS1	0.755111852
infertility	7	NUP50-AS1	0.747823839
infertility	8	PARTICL	0.740716991
infertility	9	TRERNA1	0.597650596
infertility	10	MIR7-3HG	0.596447662
infertility	11	NPSR1-AS1	0.5660205
infertility	12	LINC00687	0.542747637
infertility	13	CYTOR	0.472664319
infertility	14	MIR194-2HG	0.471387242
infertility	15	LINC00602	0.459365663
infertility	16	LINC00974	0.445232714
infertility	17	HCCAT5	0.43811236
infertility	18	DBH-AS1	0.418338542
infertility	19	PTCSC3	0.403071415
infertility	20	PTCSC2	0.397408175
infertility	21	DIO3OS	0.386939088
infertility	22	GNG12-AS1	0.383726318
infertility	23	TTY4	0.381722244
infertility	24	RAD51-AS1	0.378951842
infertility	25	MIR22HG	0.376001447
infertility	26	ABALON	0.371896408
infertility	27	APTR	0.371762883

infertility	28	SERTAD4-AS1	0.370104728
infertility	29	JAZF1-AS1	0.358864721
infertility	30	LINC00336	0.347418563
Human immunodeficiency virus infectious disease	1	NRON	0.959543629
Human immunodeficiency virus infectious disease	2	HCP5	0.944843017
Human immunodeficiency virus infectious disease	3	LINC01081	0.914795695
Human immunodeficiency virus infectious disease	4	HAS2-AS1	0.914016569
Human immunodeficiency virus infectious disease	5	RAD51-AS1	0.893543223
Human immunodeficiency virus infectious disease	6	ADORA2A-AS1	0.880869995
Human immunodeficiency virus infectious disease	7	LINC01387	0.805508023
Human immunodeficiency virus infectious disease	8	TEX41	0.78195095
Human immunodeficiency virus infectious disease	9	DSCR9	0.77944154
Human immunodeficiency virus infectious disease	10	LMCD1-AS1	0.590971404
Human immunodeficiency virus infectious disease	11	LINC00856	0.588215173
Human immunodeficiency virus infectious disease	12	PARD6G-AS1	0.558123221
Human immunodeficiency virus infectious disease	13	LINC00477	0.535643603
Human immunodeficiency virus infectious disease	14	MIR4435-2HG	0.527919746
Human immunodeficiency virus infectious disease	15	LINC01098	0.513272708
Human immunodeficiency virus infectious disease	16	IL10RB-AS1	0.506598155
Human immunodeficiency virus infectious disease	17	LINC01588	0.493361133
Human immunodeficiency virus infectious disease	18	LINC00336	0.483500077
Human immunodeficiency virus infectious disease	19	NFIA-AS1	0.453145778
Human immunodeficiency virus infectious disease	20	PSMB8-AS1	0.435996406
Human immunodeficiency virus infectious disease	21	MIR22HG	0.424126163
Human immunodeficiency virus infectious disease	22	KCTD21-AS1	0.40513994
Human immunodeficiency virus infectious disease	23	SERTAD4-AS1	0.400449234
Human immunodeficiency virus infectious disease	24	ATE1-AS1	0.39009964
Human immunodeficiency virus infectious disease	25	JAZF1-AS1	0.36440368
Human immunodeficiency virus infectious disease	26	LINC00922	0.362156525
Human immunodeficiency virus infectious disease	27	LINC00942	0.351688904
Human immunodeficiency virus infectious disease	28	HPN-AS1	0.345922489
Human immunodeficiency virus infectious disease	29	LINC01531	0.34378099
Human immunodeficiency virus infectious disease	30	GATA3-AS1	0.33648175
eyelid disease	1	LINC01081	0.818734045
eyelid disease	2	RAD51-AS1	0.783649296
eyelid disease	3	HAS2-AS1	0.634399863
eyelid disease	4	SERTAD4-AS1	0.622983073
eyelid disease	5	LMCD1-AS1	0.621926449
eyelid disease	6	LINC00336	0.60882635
eyelid disease	7	JAZF1-AS1	0.600737739
eyelid disease	8	NCAM1-AS1	0.592919785
eyelid disease	9	PARD6G-AS1	0.590540554
eyelid disease	10	ADORA2A-AS1	0.584924654
eyelid disease	11	NFIA-AS1	0.578041491
eyelid disease	12	TEX41	0.563702038
eyelid disease	13	MIR22HG	0.556392577
eyelid disease	14	DSCR9	0.533528589

eyelid disease	15	LINC01098	0.519114452
eyelid disease	16	LINC00477	0.509370492
eyelid disease	17	LINC01588	0.509212556
eyelid disease	18	MIR4435-2HG	0.492094777
eyelid disease	19	LINC01387	0.45841228
eyelid disease	20	PSMB8-AS1	0.444331962
eyelid disease	21	LINC00922	0.395707872
eyelid disease	22	KCTD21-AS1	0.389446221
eyelid disease	23	ATE1-AS1	0.377781409
eyelid disease	24	LINC00856	0.343173212
eyelid disease	25	LINC00942	0.336900142
eyelid disease	26	HPN-AS1	0.323616748
eyelid disease	27	LINC01531	0.315948674
eyelid disease	28	GATA3-AS1	0.306564904
eyelid disease	29	IL10RB-AS1	0.306564904
eyelid disease	30	HELLPAR	0.303175597
cyclic hematopoiesis	1	H19	0.934564276
cyclic hematopoiesis	2	LINC01081	0.90302866
cyclic hematopoiesis	3	RAD51-AS1	0.755444901
cyclic hematopoiesis	4	HAS2-AS1	0.737753389
cyclic hematopoiesis	5	LINC00942	0.682269355
cyclic hematopoiesis	6	MIR22HG	0.634138331
cyclic hematopoiesis	7	LINC00922	0.593433063
cyclic hematopoiesis	8	JAZF1-AS1	0.566027963
cyclic hematopoiesis	9	SERTAD4-AS1	0.495298963
cyclic hematopoiesis	10	NCAM1-AS1	0.448377054
cyclic hematopoiesis	11	LINC00336	0.447259132
cyclic hematopoiesis	12	ADORA2A-AS1	0.438477065
cyclic hematopoiesis	13	LINC01387	0.42596987
cyclic hematopoiesis	14	NFIA-AS1	0.386844961
cyclic hematopoiesis	15	LMCD1-AS1	0.385960266
cyclic hematopoiesis	16	LINC00856	0.384613997
cyclic hematopoiesis	17	IL10RB-AS1	0.331200018
cyclic hematopoiesis	18	LINC00477	0.326687375
cyclic hematopoiesis	19	MIR4435-2HG	0.321787759
cyclic hematopoiesis	20	GATA3-AS1	0.26793496
cyclic hematopoiesis	21	LINC01531	0.267654684
cyclic hematopoiesis	22	HPN-AS1	0.246799397
cyclic hematopoiesis	23	ATE1-AS1	0.243434655
cyclic hematopoiesis	24	LINC01588	0.234215466
cyclic hematopoiesis	25	KCTD21-AS1	0.215459276
cyclic hematopoiesis	26	LINC01098	0.213315273
cyclic hematopoiesis	27	PARD6G-AS1	0.211059158
cyclic hematopoiesis	28	DSCR9	0.205805158
cyclic hematopoiesis	29	TEX41	0.166143053
cyclic hematopoiesis	30	PSMB8-AS1	0.164664455
sleep disorder	1	LINC00163	0.777585537

sleep disorder	2	CCAT2	0.74021187
sleep disorder	3	LINC00602	0.666070226
sleep disorder	4	LINC00687	0.612105595
sleep disorder	5	MIR194-2HG	0.606436148
sleep disorder	6	CYTOR	0.598224923
sleep disorder	7	LINC00974	0.527691674
sleep disorder	8	HCCAT5	0.527356854
sleep disorder	9	DBH-AS1	0.525090525
sleep disorder	10	VLDLR-AS1	0.512193929
sleep disorder	11	OLMALINC	0.486089846
sleep disorder	12	LINC00319	0.482620027
sleep disorder	13	EGOT	0.476384094
sleep disorder	14	PEG3-AS1	0.465149231
sleep disorder	15	MIR4435-2HG	0.460405494
sleep disorder	16	LINC00479	0.421739658
sleep disorder	17	IGF2-AS	0.409207641
sleep disorder	18	ABALON	0.40787189
sleep disorder	19	PARTICL	0.380878262
sleep disorder	20	HULC	0.377582016
sleep disorder	21	ADORA2A-AS1	0.366226279
sleep disorder	22	DIO3OS	0.365792948
sleep disorder	23	GHRLOS	0.365608164
sleep disorder	24	MHRT	0.351874179
sleep disorder	25	LINC01587	0.321011084
sleep disorder	26	LINC00293	0.319187369
sleep disorder	27	HAS2-AS1	0.310929937
sleep disorder	28	TTY4	0.310527191
sleep disorder	29	BANCR	0.308549457
sleep disorder	30	APTR	0.308416782
lung small cell carcinoma	1	MALAT1	0.996608589
lung small cell carcinoma	2	MIR17HG	0.991663072
lung small cell carcinoma	3	HOTAIR	0.9893168
lung small cell carcinoma	4	HAS2-AS1	0.95407545
lung small cell carcinoma	5	ADORA2A-AS1	0.943272706
lung small cell carcinoma	6	MIR22HG	0.758955763
lung small cell carcinoma	7	LINC00477	0.708841603
lung small cell carcinoma	8	JAZF1-AS1	0.615067798
lung small cell carcinoma	9	SERTAD4-AS1	0.540616258
lung small cell carcinoma	10	LINC00336	0.51292321
lung small cell carcinoma	11	LMCD1-AS1	0.471669278
lung small cell carcinoma	12	PARD6G-AS1	0.460371243
lung small cell carcinoma	13	IL10RB-AS1	0.380917888
lung small cell carcinoma	14	LINC00856	0.375206655
lung small cell carcinoma	15	LINC01387	0.374846168
lung small cell carcinoma	16	NCAM1-AS1	0.365699594
lung small cell carcinoma	17	LINC01098	0.359462772
lung small cell carcinoma	18	LINC00922	0.35909902

lung small cell carcinoma	19	TEX41	0.349420278
lung small cell carcinoma	20	GATA3-AS1	0.316899489
lung small cell carcinoma	21	LINC01531	0.301063447
lung small cell carcinoma	22	HPN-AS1	0.299472441
lung small cell carcinoma	23	LINC00942	0.298445128
lung small cell carcinoma	24	LINC01588	0.282331568
lung small cell carcinoma	25	ATE1-AS1	0.281562498
lung small cell carcinoma	26	PSMB8-AS1	0.26094069
lung small cell carcinoma	27	DSCR9	0.25869931
lung small cell carcinoma	28	KCTD21-AS1	0.237000719
lung small cell carcinoma	29	APTR	0.232135984
lung small cell carcinoma	30	COL18A1-AS1	0.225297605
schizophrenia	1	HCG9	0.89602982
schizophrenia	2	LINC00271	0.887391456
schizophrenia	3	HAR1A	0.869201156
schizophrenia	4	DISC2	0.848460963
schizophrenia	5	MIR137HG	0.842696943
schizophrenia	6	DAOA-AS1	0.833717392
schizophrenia	7	MIAT	0.82868218
schizophrenia	8	CASC8	0.82453917
schizophrenia	9	NFIA-AS1	0.817804912
schizophrenia	10	LINC00273	0.813445873
schizophrenia	11	COL18A1-AS1	0.809061433
schizophrenia	12	LINC00293	0.801513138
schizophrenia	13	HAS2-AS1	0.799402732
schizophrenia	14	FMR1-AS1	0.791762626
schizophrenia	15	CADM3-AS1	0.775215259
schizophrenia	16	DISC1FP1	0.761319508
schizophrenia	17	LINC01081	0.761106979
schizophrenia	18	NBR2	0.749519713
schizophrenia	19	PARTICL	0.747881132
schizophrenia	20	LINC00479	0.737313274
schizophrenia	21	DBET	0.724486565
schizophrenia	22	XACT	0.715384513
schizophrenia	23	CARMN	0.708932204
schizophrenia	24	RAD51-AS1	0.700769063
schizophrenia	25	ADORA2A-AS1	0.69980731
schizophrenia	26	TTY2	0.6934275
schizophrenia	27	MIR181A1HG	0.682344461
schizophrenia	28	TTY4	0.678024524
schizophrenia	29	FAM30A	0.659410275
schizophrenia	30	LINC01184	0.653788249
premature ovarian failure	1	H19	0.836039807
premature ovarian failure	2	LINC01081	0.800817174
premature ovarian failure	3	HAS2-AS1	0.651334248
premature ovarian failure	4	RAD51-AS1	0.593347255
premature ovarian failure	5	LMCD1-AS1	0.540484675

premature ovarian failure	6	LINC00477	0.350654461
premature ovarian failure	7	SERTAD4-AS1	0.34011137
premature ovarian failure	8	LINC00856	0.313865043
premature ovarian failure	9	ADORA2A-AS1	0.300192152
premature ovarian failure	10	PARD6G-AS1	0.290695295
premature ovarian failure	11	TEX41	0.280481407
premature ovarian failure	12	DSCR9	0.272834024
premature ovarian failure	13	NCAM1-AS1	0.237430758
premature ovarian failure	14	NFIA-AS1	0.225539033
premature ovarian failure	15	LINC01588	0.215235158
premature ovarian failure	16	LINC01387	0.20301519
premature ovarian failure	17	LINC01098	0.19942463
premature ovarian failure	18	MIR4435-2HG	0.198597314
premature ovarian failure	19	IL10RB-AS1	0.186961563
premature ovarian failure	20	GATA3-AS1	0.179477338
premature ovarian failure	21	PSMB8-AS1	0.166693318
premature ovarian failure	22	LINC00336	0.162147251
premature ovarian failure	23	LINC00922	0.159144724
premature ovarian failure	24	LINC01531	0.151628028
premature ovarian failure	25	HPN-AS1	0.146720177
premature ovarian failure	26	KCTD21-AS1	0.142306636
premature ovarian failure	27	JAZF1-AS1	0.127373786
premature ovarian failure	28	ATE1-AS1	0.124253213
premature ovarian failure	29	LINC00942	0.123151635
premature ovarian failure	30	MIR22HG	0.117783534
stomach carcinoma	1	GHET1	0.961774663
stomach carcinoma	2	BANCR	0.937285798
stomach carcinoma	3	H19	0.919919071
stomach carcinoma	4	GACAT2	0.8699069
stomach carcinoma	5	HOTAIR	0.850613905
stomach carcinoma	6	PEG3-AS1	0.828096328
stomach carcinoma	7	OLMALINC	0.818790888
stomach carcinoma	8	VLDLR-AS1	0.812286218
stomach carcinoma	9	MHRT	0.800754179
stomach carcinoma	10	LINC01235	0.785943374
stomach carcinoma	11	LINC00319	0.775382127
stomach carcinoma	12	MEG8	0.775030485
stomach carcinoma	13	FBXW7-AS1	0.765711319
stomach carcinoma	14	LRRC3DN	0.741246963
stomach carcinoma	15	NBR2	0.740387606
stomach carcinoma	16	LINC01587	0.701572506
stomach carcinoma	17	LINC00856	0.695414507
stomach carcinoma	18	LINC01387	0.694861699
stomach carcinoma	19	PARD6G-AS1	0.693389861
stomach carcinoma	20	LINC01588	0.687428715
stomach carcinoma	21	JAZF1-AS1	0.644177259
stomach carcinoma	22	LINC00942	0.640877297

stomach carcinoma	23	LINC00336	0.638289256
stomach carcinoma	24	DSCR9	0.619134821
stomach carcinoma	25	TEX41	0.592136162
stomach carcinoma	26	SERTAD4-AS1	0.592136162
stomach carcinoma	27	LINC00922	0.580872429
stomach carcinoma	28	GATA3-AS1	0.573988235
stomach carcinoma	29	LINC01531	0.569627655
stomach carcinoma	30	HPN-AS1	0.568275589
head and neck squamous cell carcinoma	1	HOTTIP	0.998070198
head and neck squamous cell carcinoma	2	HOTAIR	0.994048459
head and neck squamous cell carcinoma	3	MEG3	0.981319447
head and neck squamous cell carcinoma	4	MALAT1	0.962615532
head and neck squamous cell carcinoma	5	UCA1	0.929906152
head and neck squamous cell carcinoma	6	COL18A1-AS1	0.905285361
head and neck squamous cell carcinoma	7	GHRLOS	0.885920459
head and neck squamous cell carcinoma	8	GNG12-AS1	0.883435558
head and neck squamous cell carcinoma	9	MIR22HG	0.866332583
head and neck squamous cell carcinoma	10	OLMALINC	0.856727396
head and neck squamous cell carcinoma	11	ADORA2A-AS1	0.836735671
head and neck squamous cell carcinoma	12	LINC01081	0.802946282
head and neck squamous cell carcinoma	13	NBR2	0.801690026
head and neck squamous cell carcinoma	14	MIR4435-2HG	0.780886538
head and neck squamous cell carcinoma	15	NFIA-AS1	0.755499615
head and neck squamous cell carcinoma	16	LINC00315	0.746948122
head and neck squamous cell carcinoma	17	PARD6G-AS1	0.716217658
head and neck squamous cell carcinoma	18	LINC01387	0.704755485
head and neck squamous cell carcinoma	19	IL10RB-AS1	0.654592198
head and neck squamous cell carcinoma	20	SERTAD4-AS1	0.649165145
head and neck squamous cell carcinoma	21	LMCD1-AS1	0.621521203
head and neck squamous cell carcinoma	22	DSCR9	0.609526381
head and neck squamous cell carcinoma	23	LINC00922	0.604812245
head and neck squamous cell carcinoma	24	LINC00942	0.575062081
head and neck squamous cell carcinoma	25	LINC00336	0.556049937
head and neck squamous cell carcinoma	26	TEX41	0.542550576
head and neck squamous cell carcinoma	27	LINC01588	0.480226859
head and neck squamous cell carcinoma	28	LINC00856	0.471253236
head and neck squamous cell carcinoma	29	NCAM1-AS1	0.447604484
head and neck squamous cell carcinoma	30	JAZF1-AS1	0.378289431
kidney disease	1	MIR17HG	0.985835591
kidney disease	2	PVT1	0.968152673
kidney disease	3	LINCMD1	0.931894133
kidney disease	4	XIST	0.922316286
kidney disease	5	LINC01081	0.918369258
kidney disease	6	RAD51-AS1	0.91220904
kidney disease	7	HAS2-AS1	0.893067578
kidney disease	8	MIR4435-2HG	0.758749133
kidney disease	9	ADORA2A-AS1	0.745797813



kidney disease	10	NFIA-AS1	0.656311814
kidney disease	11	FAM83H-AS1	0.586580294
kidney disease	12	LINC01024	0.572559355
kidney disease	13	TARID	0.561753629
kidney disease	14	CDR1-AS	0.54032868
kidney disease	15	LINC00654	0.524947272
kidney disease	16	LINC00032	0.50118099
kidney disease	17	SAMMSON	0.489859155
kidney disease	18	PARTICL	0.486783361
kidney disease	19	GHRLOS	0.459548666
kidney disease	20	COL18A1-AS1	0.38864031
kidney disease	21	NCRUPAR	0.384279276
kidney disease	22	CAHM	0.367656572
kidney disease	23	TRERNA1	0.365494638
kidney disease	24	MIR7-3HG	0.365494638
kidney disease	25	LINC00511	0.339697022
kidney disease	26	LINC00473	0.31796833
kidney disease	27	LINC00963	0.313710054
kidney disease	28	LUCAT1	0.312329997
kidney disease	29	PCAT5	0.311518335
kidney disease	30	FALEC	0.304744174
Beckwith-Wiedemann syndrome	1	KCNQ1OT1	0.879673511
Beckwith-Wiedemann syndrome	2	LINC01081	0.823728928
Beckwith-Wiedemann syndrome	3	HAS2-AS1	0.778061112
Beckwith-Wiedemann syndrome	4	RAD51-AS1	0.68328599
Beckwith-Wiedemann syndrome	5	MIR4435-2HG	0.681764477
Beckwith-Wiedemann syndrome	6	MIR22HG	0.670157091
Beckwith-Wiedemann syndrome	7	ADORA2A-AS1	0.663169256
Beckwith-Wiedemann syndrome	8	NFIA-AS1	0.630261171
Beckwith-Wiedemann syndrome	9	HELLPAR	0.488120001
Beckwith-Wiedemann syndrome	10	ABALON	0.456889262
Beckwith-Wiedemann syndrome	11	SERTAD4-AS1	0.450954605
Beckwith-Wiedemann syndrome	12	JAZF1-AS1	0.423255791
Beckwith-Wiedemann syndrome	13	LINC01387	0.409694071
Beckwith-Wiedemann syndrome	14	LINC01588	0.396854801
Beckwith-Wiedemann syndrome	15	LINC00336	0.381362357
Beckwith-Wiedemann syndrome	16	LMCD1-AS1	0.373790813
Beckwith-Wiedemann syndrome	17	PARD6G-AS1	0.340548095
Beckwith-Wiedemann syndrome	18	TEX41	0.322084292
Beckwith-Wiedemann syndrome	19	NCAM1-AS1	0.315722235
Beckwith-Wiedemann syndrome	20	LINC00922	0.306049066
Beckwith-Wiedemann syndrome	21	DSCR9	0.270032884
Beckwith-Wiedemann syndrome	22	LINC00856	0.237348978
Beckwith-Wiedemann syndrome	23	IL10RB-AS1	0.221274808
Beckwith-Wiedemann syndrome	24	LINC00942	0.196371984
Beckwith-Wiedemann syndrome	25	ATE1-AS1	0.189592242
Beckwith-Wiedemann syndrome	26	GATA3-AS1	0.18514747

Beckwith-Wiedemann syndrome	27	LINC01531	0.177071043
Beckwith-Wiedemann syndrome	28	HPN-AS1	0.170540293
Beckwith-Wiedemann syndrome	29	LINC00477	0.165556525
Beckwith-Wiedemann syndrome	30	KCTD21-AS1	0.15566641
eye disease	1	CDKN2B-AS1	0.896064762
eye disease	2	LINC01628	0.873225533
eye disease	3	MIR100HG	0.844278333
eye disease	4	ERICH1-AS1	0.82945784
eye disease	5	ADORA2A-AS1	0.823355492
eye disease	6	LUCAT1	0.812984194
eye disease	7	LINC00315	0.810959636
eye disease	8	GHRLOS	0.808968141
eye disease	9	COL18A1-AS1	0.795551114
eye disease	10	CAHM	0.793584202
eye disease	11	NCRUPAR	0.787710041
eye disease	12	LINC00261	0.766401538
eye disease	13	BLACAT1	0.750615286
eye disease	14	BCAR4	0.744411361
eye disease	15	C5orf66-AS2	0.741534475
eye disease	16	LINC-ROR	0.740981031
eye disease	17	LINC-PINT	0.733667011
eye disease	18	TDRG1	0.719437583
eye disease	19	EGOT	0.712154826
eye disease	20	NFIA-AS1	0.704049901
eye disease	21	PCAT5	0.699647483
eye disease	22	LINC00963	0.689054724
eye disease	23	TARID	0.6543993
eye disease	24	LINC01024	0.653952876
eye disease	25	FAM83H-AS1	0.641617594
eye disease	26	CDR1-AS	0.625895507
eye disease	27	TUSC8	0.618764533
eye disease	28	MIR7-3HG	0.613574299
eye disease	29	TRERNA1	0.611984389
eye disease	30	PWAR5	0.611856799
large intestine cancer	1	TUSC7	0.99799797
large intestine cancer	2	AFAP1-AS1	0.99799797
large intestine cancer	3	CAHM	0.997921047
large intestine cancer	4	NEAT1	0.997237284
large intestine cancer	5	MEG3	0.995633947
large intestine cancer	6	XIST	0.995583093
large intestine cancer	7	KCNQ1OT1	0.987999835
large intestine cancer	8	H19	0.986534823
large intestine cancer	9	HOTAIR	0.985601826
large intestine cancer	10	ZFAS1	0.981784453
large intestine cancer	11	GHET1	0.981596889
large intestine cancer	12	CASC2	0.97854367
large intestine cancer	13	CRNDE	0.976167065

large intestine cancer	14	LSINCT5	0.973395862
large intestine cancer	15	SNHG4	0.973274221
large intestine cancer	16	BANCR	0.97037091
large intestine cancer	17	NPSR1-AS1	0.966934491
large intestine cancer	18	TP53COR1	0.963554375
large intestine cancer	19	CCAT1	0.963554375
large intestine cancer	20	CASC16	0.962143599
large intestine cancer	21	NPTN-IT1	0.96090778
large intestine cancer	22	TUG1	0.957730331
large intestine cancer	23	CCAT2	0.957680299
large intestine cancer	24	HULC	0.957680299
large intestine cancer	25	DANCR	0.956280301
large intestine cancer	26	PRNCR1	0.954216554
large intestine cancer	27	CASC8	0.9491031
large intestine cancer	28	APTR	0.946629775
large intestine cancer	29	DBET	0.93734834
large intestine cancer	30	MIR181A1HG	0.934361053
retinal disease	1	NALT1	0.919231063
retinal disease	2	CDKN2B-AS1	0.871330105
retinal disease	3	LINC01628	0.836656078
retinal disease	4	RAD51-AS1	0.82482445
retinal disease	5	LINC01081	0.820184934
retinal disease	6	LINC00315	0.794882769
retinal disease	7	PWAR5	0.793582034
retinal disease	8	NFIA-AS1	0.780791046
retinal disease	9	MIR4435-2HG	0.767464607
retinal disease	10	ADORA2A-AS1	0.758294623
retinal disease	11	LINC00654	0.752504802
retinal disease	12	PCAT5	0.738127081
retinal disease	13	LINC00032	0.72847655
retinal disease	14	LINC00963	0.71810869
retinal disease	15	LUCAT1	0.711452221
retinal disease	16	CDR1-AS	0.688635231
retinal disease	17	SAMMSON	0.688148172
retinal disease	18	TARID	0.672215523
retinal disease	19	FAM83H-AS1	0.671122523
retinal disease	20	LINC01024	0.664430226
retinal disease	21	TUSC8	0.661612131
retinal disease	22	GHRLOS	0.658945937
retinal disease	23	COL18A1-AS1	0.638972438
retinal disease	24	NCRUPAR	0.637049582
retinal disease	25	CAHM	0.636269772
retinal disease	26	MIR7-3HG	0.631580367
retinal disease	27	TRERNA1	0.616686078
retinal disease	28	HAND2-AS1	0.588479674
retinal disease	29	MYCNOS	0.561512683
retinal disease	30	CASC15	0.559588124

myocardial infarction	1	MIAT	0.958863907
myocardial infarction	2	CDKN2A-AS1	0.944710926
myocardial infarction	3	KCNQ1OT1	0.914271304
myocardial infarction	4	LINC01081	0.908254571
myocardial infarction	5	HAS2-AS1	0.903517488
myocardial infarction	6	RAD51-AS1	0.894257691
myocardial infarction	7	NBR2	0.888003898
myocardial infarction	8	ADORA2A-AS1	0.877229367
myocardial infarction	9	MIR4435-2HG	0.869332808
myocardial infarction	10	NFIA-AS1	0.826580594
myocardial infarction	11	LINC00315	0.796865781
myocardial infarction	12	COL18A1-AS1	0.784636991
myocardial infarction	13	GHRLOS	0.778412006
myocardial infarction	14	PARTICL	0.706385304
myocardial infarction	15	TDRG1	0.657930611
myocardial infarction	16	FALEC	0.614408745
myocardial infarction	17	CAHM	0.600141715
myocardial infarction	18	NCRUPAR	0.594882117
myocardial infarction	19	FMR1-AS1	0.5856844
myocardial infarction	20	LINC00293	0.578239757
myocardial infarction	21	LINC00336	0.56386478
myocardial infarction	22	HPN-AS1	0.504746995
myocardial infarction	23	LINC01387	0.488775668
myocardial infarction	24	PARD6G-AS1	0.488775668
myocardial infarction	25	SERTAD4-AS1	0.481325057
myocardial infarction	26	GATA3-AS1	0.476773269
myocardial infarction	27	LINC00856	0.474945649
myocardial infarction	28	IL10RB-AS1	0.470755782
myocardial infarction	29	JAZF1-AS1	0.470645334
myocardial infarction	30	LINC01588	0.452573214
panic disorder	1	DAOA-AS1	0.686866798
panic disorder	2	LINC01081	0.627344058
panic disorder	3	RAD51-AS1	0.566153575
panic disorder	4	HAS2-AS1	0.566072765
panic disorder	5	DSCR9	0.522666297
panic disorder	6	LINC00336	0.505570916
panic disorder	7	ADORA2A-AS1	0.495176706
panic disorder	8	HPN-AS1	0.48469584
panic disorder	9	GATA3-AS1	0.460998725
panic disorder	10	PARD6G-AS1	0.42260464
panic disorder	11	TEX41	0.422300304
panic disorder	12	LINC00477	0.417954894
panic disorder	13	NFIA-AS1	0.412218331
panic disorder	14	LINC00922	0.410546193
panic disorder	15	JAZF1-AS1	0.405518137
panic disorder	16	MIR4435-2HG	0.401962318
panic disorder	17	NCAM1-AS1	0.4001479

panic disorder	18	LMCD1-AS1	0.399334995
panic disorder	19	PSMB8-AS1	0.394709687
panic disorder	20	IL10RB-AS1	0.393785173
panic disorder	21	SERTAD4-AS1	0.373086191
panic disorder	22	LINC01531	0.36559516
panic disorder	23	KCTD21-AS1	0.363198992
panic disorder	24	LINC01387	0.357080777
panic disorder	25	ATE1-AS1	0.327684402
panic disorder	26	LINC00942	0.315759242
panic disorder	27	LINC00856	0.312781271
panic disorder	28	LINC01098	0.312344933
panic disorder	29	LINC01588	0.311781201
panic disorder	30	HELLPAR	0.301714302
esophageal disease	1	AFAP1-AS1	0.7061602
esophageal disease	2	LINC01081	0.69870478
esophageal disease	3	HAS2-AS1	0.645563864
esophageal disease	4	RAD51-AS1	0.625489043
esophageal disease	5	LINC00942	0.595432705
esophageal disease	6	NCAM1-AS1	0.56929194
esophageal disease	7	LINC01588	0.544461175
esophageal disease	8	PARD6G-AS1	0.543764899
esophageal disease	9	DSCR9	0.537579912
esophageal disease	10	NFIA-AS1	0.486641557
esophageal disease	11	ADORA2A-AS1	0.484282201
esophageal disease	12	LINC01387	0.468131465
esophageal disease	13	LINC01098	0.449664661
esophageal disease	14	LINC00477	0.448958521
esophageal disease	15	LINC00856	0.441834628
esophageal disease	16	TEX41	0.436207419
esophageal disease	17	SERTAD4-AS1	0.423329392
esophageal disease	18	MIR4435-2HG	0.419926359
esophageal disease	19	JAZF1-AS1	0.403017419
esophageal disease	20	PSMB8-AS1	0.401280262
esophageal disease	21	KCTD21-AS1	0.396305745
esophageal disease	22	ATE1-AS1	0.373586523
esophageal disease	23	LINC00336	0.371980268
esophageal disease	24	LINC00922	0.368696702
esophageal disease	25	MIR22HG	0.356070689
esophageal disease	26	HPN-AS1	0.356064393
esophageal disease	27	LINC01531	0.346513128
esophageal disease	28	GATA3-AS1	0.32836052
esophageal disease	29	IL10RB-AS1	0.324882283
esophageal disease	30	LMCD1-AS1	0.306574471
leukopenia	1	H19	0.789457664
leukopenia	2	LINC01081	0.780681349
leukopenia	3	HAS2-AS1	0.702083256
leukopenia	4	RAD51-AS1	0.604580781

leukopenia	5	LMCD1-AS1	0.566926232
leukopenia	6	IL10RB-AS1	0.557747701
leukopenia	7	PARD6G-AS1	0.54905573
leukopenia	8	NFIA-AS1	0.472551322
leukopenia	9	LINC00336	0.465168245
leukopenia	10	ADORA2A-AS1	0.441952716
leukopenia	11	LINC01588	0.370978624
leukopenia	12	LINC00856	0.363381529
leukopenia	13	SERTAD4-AS1	0.35501238
leukopenia	14	JAZF1-AS1	0.338283663
leukopenia	15	DSCR9	0.328182135
leukopenia	16	TEX41	0.314367432
leukopenia	17	LINC00922	0.300010778
leukopenia	18	MIR22HG	0.27668205
leukopenia	19	LINC01387	0.261382005
leukopenia	20	NCAM1-AS1	0.241860224
leukopenia	21	LINC00942	0.215486701
leukopenia	22	MIR4435-2HG	0.211152694
leukopenia	23	ATE1-AS1	0.199072268
leukopenia	24	KCTD21-AS1	0.191743517
leukopenia	25	LINC01531	0.183664871
leukopenia	26	LINC01098	0.156508678
leukopenia	27	LINC00477	0.137272678
leukopenia	28	PSMB8-AS1	0.130408283
leukopenia	29	HPN-AS1	0.127294805
leukopenia	30	GATA3-AS1	0.124093304
gastric cardia carcinoma	1	H19	0.824797498
gastric cardia carcinoma	2	HOTAIR	0.798644756
gastric cardia carcinoma	3	VLDLR-AS1	0.634679612
gastric cardia carcinoma	4	OLMALINC	0.541603113
gastric cardia carcinoma	5	LINC00319	0.458690535
gastric cardia carcinoma	6	MHRT	0.447371934
gastric cardia carcinoma	7	MIR22HG	0.440961043
gastric cardia carcinoma	8	FBXW7-AS1	0.408273015
gastric cardia carcinoma	9	DSCR10	0.406996243
gastric cardia carcinoma	10	MIR137HG	0.332401423
gastric cardia carcinoma	11	LINC01081	0.3020638
gastric cardia carcinoma	12	HAS2-AS1	0.301166804
gastric cardia carcinoma	13	MIR4435-2HG	0.295600224
gastric cardia carcinoma	14	ADORA2A-AS1	0.277666017
gastric cardia carcinoma	15	NFIA-AS1	0.260627637
gastric cardia carcinoma	16	HELLPAR	0.255994198
gastric cardia carcinoma	17	ABALON	0.252839032
gastric cardia carcinoma	18	NBR2	0.241827265
gastric cardia carcinoma	19	LINC00315	0.241444544
gastric cardia carcinoma	20	GHRLOS	0.234968831
gastric cardia carcinoma	21	APTR	0.222689508

gastric cardia carcinoma	22	PARD6G-AS1	0.219662977
gastric cardia carcinoma	23	LINC00922	0.217535827
gastric cardia carcinoma	24	IL10RB-AS1	0.203500996
gastric cardia carcinoma	25	LMCD1-AS1	0.203261262
gastric cardia carcinoma	26	LINC00477	0.20075271
gastric cardia carcinoma	27	LINC00856	0.196017001
gastric cardia carcinoma	28	LINC01387	0.195805148
gastric cardia carcinoma	29	DSCR9	0.191300786
gastric cardia carcinoma	30	SERTAD4-AS1	0.187092907
gastric cardia adenocarcinoma	1	HOTAIR	0.914186787
gastric cardia adenocarcinoma	2	RAD51-AS1	0.852227903
gastric cardia adenocarcinoma	3	LINC00922	0.836921814
gastric cardia adenocarcinoma	4	LINC00336	0.606467693
gastric cardia adenocarcinoma	5	PARD6G-AS1	0.601006591
gastric cardia adenocarcinoma	6	LINC00477	0.571962167
gastric cardia adenocarcinoma	7	NCAM1-AS1	0.386164936
gastric cardia adenocarcinoma	8	LMCD1-AS1	0.382164545
gastric cardia adenocarcinoma	9	IL10RB-AS1	0.380388778
gastric cardia adenocarcinoma	10	LINC01387	0.366426882
gastric cardia adenocarcinoma	11	PSMB8-AS1	0.32534454
gastric cardia adenocarcinoma	12	LINC00942	0.303670398
gastric cardia adenocarcinoma	13	TEX41	0.287583346
gastric cardia adenocarcinoma	14	DSCR9	0.28645927
gastric cardia adenocarcinoma	15	LINC01098	0.285877148
gastric cardia adenocarcinoma	16	LINC00856	0.242454778
gastric cardia adenocarcinoma	17	GATA3-AS1	0.240583388
gastric cardia adenocarcinoma	18	LINC01531	0.240295371
gastric cardia adenocarcinoma	19	KCTD21-AS1	0.2400988
gastric cardia adenocarcinoma	20	SERTAD4-AS1	0.23122208
gastric cardia adenocarcinoma	21	HPN-AS1	0.222295631
gastric cardia adenocarcinoma	22	JAZF1-AS1	0.22204351
gastric cardia adenocarcinoma	23	ATE1-AS1	0.216035039
gastric cardia adenocarcinoma	24	LINC01588	0.211880803
gastric cardia adenocarcinoma	25	FALEC	0.210692649
gastric cardia adenocarcinoma	26	LINC00293	0.199944147
gastric cardia adenocarcinoma	27	ZNF667-AS1	0.198307189
gastric cardia adenocarcinoma	28	COPG2IT1	0.198199138
gastric cardia adenocarcinoma	29	SAMMSON	0.189490943
gastric cardia adenocarcinoma	30	LINC00032	0.187871553
genetic disease	1	MEG3	0.968723248
genetic disease	2	MIR17HG	0.966837429
genetic disease	3	H19	0.944480755
genetic disease	4	HLA-F-AS1	0.924067889
genetic disease	5	CDKN2B-AS1	0.910198166
genetic disease	6	XIST	0.889094538
genetic disease	7	MESTIT1	0.885991277
genetic disease	8	KCNQ1OT1	0.884376549

genetic disease	9	MIR7-3HG	0.878388954
genetic disease	10	TRERNA1	0.847477137
genetic disease	11	DBH-AS1	0.839766171
genetic disease	12	HCCAT5	0.835243421
genetic disease	13	CYTOR	0.830168206
genetic disease	14	LINC00602	0.826403666
genetic disease	15	LINC00687	0.814712113
genetic disease	16	MIR194-2HG	0.809564184
genetic disease	17	LINC00974	0.801095211
genetic disease	18	PCAT5	0.80074548
genetic disease	19	LINC00963	0.786522458
genetic disease	20	LINC00261	0.786173991
genetic disease	21	C5orf66-AS2	0.773962403
genetic disease	22	NCRUPAR	0.770728341
genetic disease	23	CAHM	0.757929115
genetic disease	24	COL18A1-AS1	0.748833534
genetic disease	25	BLACAT1	0.746961386
genetic disease	26	BCAR4	0.746961386
genetic disease	27	LUCAT1	0.739882415
genetic disease	28	LINC-PINT	0.737632987
genetic disease	29	PARTICL	0.729918702
genetic disease	30	LINC01024	0.702317073
acquired immunodeficiency syndrome	1	HCP5	0.863526863
acquired immunodeficiency syndrome	2	LINC01081	0.844045517
acquired immunodeficiency syndrome	3	HAS2-AS1	0.809654409
acquired immunodeficiency syndrome	4	RAD51-AS1	0.691164774
acquired immunodeficiency syndrome	5	TEX41	0.675281508
acquired immunodeficiency syndrome	6	LINC00336	0.673497513
acquired immunodeficiency syndrome	7	JAZF1-AS1	0.652333305
acquired immunodeficiency syndrome	8	SERTAD4-AS1	0.619844817
acquired immunodeficiency syndrome	9	LINC01588	0.599987907
acquired immunodeficiency syndrome	10	NCAM1-AS1	0.551485187
acquired immunodeficiency syndrome	11	PARD6G-AS1	0.545728991
acquired immunodeficiency syndrome	12	LMCD1-AS1	0.532740335
acquired immunodeficiency syndrome	13	LINC00856	0.513030055
acquired immunodeficiency syndrome	14	NFIA-AS1	0.511106869
acquired immunodeficiency syndrome	15	ADORA2A-AS1	0.497988628
acquired immunodeficiency syndrome	16	IL10RB-AS1	0.489225417
acquired immunodeficiency syndrome	17	DSCR9	0.486490074
acquired immunodeficiency syndrome	18	MIR4435-2HG	0.470115046
acquired immunodeficiency syndrome	19	LINC00477	0.465239044
acquired immunodeficiency syndrome	20	LINC01098	0.439051523
acquired immunodeficiency syndrome	21	GATA3-AS1	0.422166236
acquired immunodeficiency syndrome	22	LINC01531	0.405592799
acquired immunodeficiency syndrome	23	HPN-AS1	0.395750141
acquired immunodeficiency syndrome	24	LINC00942	0.390432907
acquired immunodeficiency syndrome	25	ATE1-AS1	0.389263986



acquired immunodeficiency syndrome	26	LINC00922	0.383831957
acquired immunodeficiency syndrome	27	KCTD21-AS1	0.383737657
acquired immunodeficiency syndrome	28	LINC01387	0.383209274
acquired immunodeficiency syndrome	29	PSMB8-AS1	0.368513658
acquired immunodeficiency syndrome	30	MIR22HG	0.357988555
connective tissue disease	1	HCP5	0.974963999
connective tissue disease	2	DANCR	0.973656651
connective tissue disease	3	HOTAIR	0.928434368
connective tissue disease	4	MIR155HG	0.925747589
connective tissue disease	5	GAS5	0.901069568
connective tissue disease	6	LINC00963	0.887301645
connective tissue disease	7	PCAT5	0.882868887
connective tissue disease	8	LUCAT1	0.81346604
connective tissue disease	9	CAHM	0.806758198
connective tissue disease	10	NCRUPAR	0.802722068
connective tissue disease	11	C5orf66-AS2	0.763902122
connective tissue disease	12	LINC00261	0.752297226
connective tissue disease	13	BCAR4	0.648747562
connective tissue disease	14	BLACAT1	0.610377015
connective tissue disease	15	TDRG1	0.602271122
connective tissue disease	16	TRERNA1	0.583110538
connective tissue disease	17	MIR7-3HG	0.573791576
connective tissue disease	18	LINC00974	0.569644959
connective tissue disease	19	DBH-AS1	0.567760125
connective tissue disease	20	LINC00687	0.56356311
connective tissue disease	21	CYTOR	0.560357998
connective tissue disease	22	LINC00602	0.549359356
connective tissue disease	23	MIR194-2HG	0.540787902
connective tissue disease	24	HCCAT5	0.516502163
connective tissue disease	25	TUSC8	0.515056639
connective tissue disease	26	LINC01081	0.513275882
connective tissue disease	27	HAS2-AS1	0.509724754
connective tissue disease	28	RAD51-AS1	0.50674095
connective tissue disease	29	MIR4435-2HG	0.505431474
connective tissue disease	30	NFIA-AS1	0.504251552
overnutrition	1	LINC00961	0.954870552
overnutrition	2	SNHG11	0.923796854
overnutrition	3	H19	0.918684256
overnutrition	4	ADORA2A-AS1	0.905289206
overnutrition	5	MIR4435-2HG	0.889950407
overnutrition	6	CDR1-AS	0.886853313
overnutrition	7	LINC01024	0.882397774
overnutrition	8	FAM83H-AS1	0.864861928
overnutrition	9	TARID	0.848934231
overnutrition	10	GHRLOS	0.829376259
overnutrition	11	NCAM1-AS1	0.812849884
overnutrition	12	LMCD1-AS1	0.811847363

overnutrition	13	IL10RB-AS1	0.803065678
overnutrition	14	DSCR9	0.793817752
overnutrition	15	LINC01387	0.762114424
overnutrition	16	PARD6G-AS1	0.724741364
overnutrition	17	TEX41	0.713350116
overnutrition	18	LINC01588	0.705792539
overnutrition	19	LINC00856	0.68588687
overnutrition	20	SERTAD4-AS1	0.679455628
overnutrition	21	GATA3-AS1	0.669430223
overnutrition	22	LINC00477	0.646386993
overnutrition	23	LINC01098	0.640858728
overnutrition	24	LINC00942	0.632313981
overnutrition	25	LINC01531	0.632123967
overnutrition	26	HPN-AS1	0.632123967
overnutrition	27	PSMB8-AS1	0.618436432
overnutrition	28	LINC00336	0.60641568
overnutrition	29	KCTD21-AS1	0.604183888
overnutrition	30	JAZF1-AS1	0.588504387
inherited metabolic disorder	1	H19	0.738300659
inherited metabolic disorder	2	GNAS-AS1	0.667267774
inherited metabolic disorder	3	OLMALINC	0.626241907
inherited metabolic disorder	4	VLDLR-AS1	0.605762798
inherited metabolic disorder	5	CDR1-AS	0.58525292
inherited metabolic disorder	6	LINC01024	0.583311382
inherited metabolic disorder	7	TARID	0.579358132
inherited metabolic disorder	8	FAM83H-AS1	0.542166701
inherited metabolic disorder	9	LINC00319	0.536415265
inherited metabolic disorder	10	LINC01587	0.525591087
inherited metabolic disorder	11	BLACAT1	0.480318474
inherited metabolic disorder	12	C5orf66-AS2	0.455754124
inherited metabolic disorder	13	LINC00261	0.438505472
inherited metabolic disorder	14	BCAR4	0.434964597
inherited metabolic disorder	15	NCRUPAR	0.428392772
inherited metabolic disorder	16	CAHM	0.418646192
inherited metabolic disorder	17	TRERNA1	0.404726675
inherited metabolic disorder	18	MIR7-3HG	0.373576152
inherited metabolic disorder	19	MHRT	0.342224004
inherited metabolic disorder	20	LINC00273	0.335932699
inherited metabolic disorder	21	PCAT5	0.334994769
inherited metabolic disorder	22	LINC00963	0.327186424
inherited metabolic disorder	23	LUCAT1	0.316808863
inherited metabolic disorder	24	LINC-PINT	0.309759496
inherited metabolic disorder	25	HAS2-AS1	0.309298873
inherited metabolic disorder	26	FBXW7-AS1	0.30187109
inherited metabolic disorder	27	LINC00032	0.263721341
inherited metabolic disorder	28	LINC00654	0.245097764
inherited metabolic disorder	29	SAMMSON	0.243067317

inherited metabolic disorder	30	HELLPAR	0.240242203
adenoma	1	KCNQ1OT1	0.988997826
adenoma	2	MEG3	0.944246629
adenoma	3	LINC01081	0.882139791
adenoma	4	RAD51-AS1	0.823792093
adenoma	5	HAS2-AS1	0.815500553
adenoma	6	NFIA-AS1	0.650735072
adenoma	7	MIR4435-2HG	0.63821557
adenoma	8	ADORA2A-AS1	0.543840014
adenoma	9	APTR	0.515496726
adenoma	10	ABALON	0.453555928
adenoma	11	COL18A1-AS1	0.327517486
adenoma	12	GHRLOS	0.295109157
adenoma	13	LINC00315	0.291539924
adenoma	14	NBR2	0.286947869
adenoma	15	NUP50-AS1	0.274425218
adenoma	16	PARTICL	0.257086838
adenoma	17	LINC00293	0.254294988
adenoma	18	FALEC	0.239088798
adenoma	19	PWAR5	0.201186013
adenoma	20	ZNF667-AS1	0.191414503
adenoma	21	LINC01587	0.174282375
adenoma	22	FMR1-AS1	0.157001416
adenoma	23	COPG2IT1	0.154558016
adenoma	24	TTY2	0.146094241
adenoma	25	LINC00479	0.13514727
adenoma	26	TTY4	0.130434876
adenoma	27	BCAR4	0.128449602
adenoma	28	BLACAT1	0.119219572
adenoma	29	C5orf66-AS2	0.11782815
adenoma	30	LINC00261	0.115955425
muscle tissue disease	1	LINCMD1	0.80367711
muscle tissue disease	2	MIR4435-2HG	0.790934036
muscle tissue disease	3	ADORA2A-AS1	0.774385243
muscle tissue disease	4	MIR22HG	0.727003699
muscle tissue disease	5	NFIA-AS1	0.655053583
muscle tissue disease	6	ABALON	0.640960401
muscle tissue disease	7	COL18A1-AS1	0.631399068
muscle tissue disease	8	GHRLOS	0.62541023
muscle tissue disease	9	PARTICL	0.614391387
muscle tissue disease	10	DIO3OS	0.597135856
muscle tissue disease	11	GNG12-AS1	0.591960062
muscle tissue disease	12	NPSR1-AS1	0.585173959
muscle tissue disease	13	LINC00663	0.536971396
muscle tissue disease	14	LINC00467	0.535411317
muscle tissue disease	15	PTCSC2	0.525401684
muscle tissue disease	16	PTCSC3	0.47281484

muscle tissue disease	17	CYTOR	0.462810169
muscle tissue disease	18	DBH-AS1	0.459708782
muscle tissue disease	19	LINC00974	0.45424917
muscle tissue disease	20	HCCAT5	0.437374696
muscle tissue disease	21	MIR194-2HG	0.421101096
muscle tissue disease	22	LINC00687	0.389391571
muscle tissue disease	23	LINC00602	0.379197826
muscle tissue disease	24	HAS2-AS1	0.357817155
muscle tissue disease	25	TTY15	0.350228714
muscle tissue disease	26	LINC00922	0.333564561
muscle tissue disease	27	LINC01387	0.329787249
muscle tissue disease	28	LINC01098	0.32071309
muscle tissue disease	29	SERTAD4-AS1	0.30933776
muscle tissue disease	30	JAZF1-AS1	0.30131643
adrenal cortex cancer	1	KCNQ1OT1	0.991257384
adrenal cortex cancer	2	H19	0.987263806
adrenal cortex cancer	3	PARD6G-AS1	0.979654462
adrenal cortex cancer	4	LINC00477	0.956955004
adrenal cortex cancer	5	NCAM1-AS1	0.952784088
adrenal cortex cancer	6	LMCD1-AS1	0.935894981
adrenal cortex cancer	7	IL10RB-AS1	0.935378688
adrenal cortex cancer	8	LINC00336	0.845468204
adrenal cortex cancer	9	LINC01387	0.682187759
adrenal cortex cancer	10	LINC00856	0.671783825
adrenal cortex cancer	11	SERTAD4-AS1	0.638754601
adrenal cortex cancer	12	JAZF1-AS1	0.550235196
adrenal cortex cancer	13	LINC00922	0.52410516
adrenal cortex cancer	14	LINC00942	0.476150446
adrenal cortex cancer	15	LINC01588	0.470430559
adrenal cortex cancer	16	TEX41	0.466150974
adrenal cortex cancer	17	LINC01098	0.457596199
adrenal cortex cancer	18	DSCR9	0.446989085
adrenal cortex cancer	19	GATA3-AS1	0.422657102
adrenal cortex cancer	20	LINC01531	0.40436528
adrenal cortex cancer	21	ATE1-AS1	0.37056962
adrenal cortex cancer	22	PSMB8-AS1	0.365134932
adrenal cortex cancer	23	KCTD21-AS1	0.361271324
adrenal cortex cancer	24	HPN-AS1	0.340481859
adrenal cortex cancer	25	LINC01081	0.293265591
adrenal cortex cancer	26	HAS2-AS1	0.289390087
adrenal cortex cancer	27	RAD51-AS1	0.287092369
adrenal cortex cancer	28	ADORA2A-AS1	0.225443067
adrenal cortex cancer	29	MIR22HG	0.221535172
adrenal cortex cancer	30	NFIA-AS1	0.220784397
cerebrovascular disease	1	ESRG	0.94132015
cerebrovascular disease	2	CDKN2B-AS1	0.82652283
cerebrovascular disease	3	LINC01081	0.746025277

cerebrovascular disease	4	HAS2-AS1	0.742729878
cerebrovascular disease	5	RAD51-AS1	0.740547964
cerebrovascular disease	6	LINC00942	0.705507705
cerebrovascular disease	7	LINC00336	0.67887899
cerebrovascular disease	8	LMCD1-AS1	0.665960707
cerebrovascular disease	9	PARD6G-AS1	0.658196822
cerebrovascular disease	10	IL10RB-AS1	0.642682693
cerebrovascular disease	11	NFIA-AS1	0.570193256
cerebrovascular disease	12	LINC01387	0.493334496
cerebrovascular disease	13	TEX41	0.440291123
cerebrovascular disease	14	ADORA2A-AS1	0.423417402
cerebrovascular disease	15	LINC00856	0.407449102
cerebrovascular disease	16	LINC00922	0.385218316
cerebrovascular disease	17	SERTAD4-AS1	0.365248811
cerebrovascular disease	18	JAZF1-AS1	0.355881242
cerebrovascular disease	19	MIR22HG	0.321149866
cerebrovascular disease	20	DSCR9	0.305342371
cerebrovascular disease	21	NCAM1-AS1	0.305247379
cerebrovascular disease	22	ATE1-AS1	0.302144985
cerebrovascular disease	23	MIR4435-2HG	0.294210393
cerebrovascular disease	24	GATA3-AS1	0.29081126
cerebrovascular disease	25	KCTD21-AS1	0.272694319
cerebrovascular disease	26	LINC01531	0.262952037
cerebrovascular disease	27	HPN-AS1	0.259885707
cerebrovascular disease	28	LINC01098	0.256326101
cerebrovascular disease	29	LINC01588	0.252262764
cerebrovascular disease	30	LINC00477	0.230296117
tauopathy	1	LINC01080	0.954294779
tauopathy	2	SOX2-OT	0.880734546
tauopathy	3	BCYRN1	0.874525087
tauopathy	4	ATXN8OS	0.865558269
tauopathy	5	CDKN2A-AS1	0.856065645
tauopathy	6	CDKN2B-AS1	0.853457034
tauopathy	7	LUCAT1	0.849500534
tauopathy	8	PCAT5	0.849074455
tauopathy	9	LINC00963	0.848916228
tauopathy	10	BLACAT1	0.821089683
tauopathy	11	BCAR4	0.810857123
tauopathy	12	LINC00261	0.792105543
tauopathy	13	C5orf66-AS2	0.780594765
tauopathy	14	LINC-PINT	0.774430544
tauopathy	15	TRERNA1	0.772307981
tauopathy	16	MIR7-3HG	0.772307981
tauopathy	17	ADORA2A-AS1	0.756361227
tauopathy	18	LINC01024	0.746225695
tauopathy	19	CDR1-AS	0.740242524
tauopathy	20	FAM83H-AS1	0.739959058

tauopathy	21	TARID	0.727215854
tauopathy	22	COL18A1-AS1	0.726806361
tauopathy	23	TDRG1	0.7266513
tauopathy	24	CYTOR	0.700495488
tauopathy	25	LINC00974	0.697574373
tauopathy	26	LINC00687	0.692848882
tauopathy	27	HCCAT5	0.688848357
tauopathy	28	MIR194-2HG	0.668889316
tauopathy	29	LINC00602	0.665881061
tauopathy	30	DBH-AS1	0.662781799
hepatocellular carcinoma	1	LINC00602	0.998949372
hepatocellular carcinoma	2	MIR7-3HG	0.997752851
hepatocellular carcinoma	3	MEG3	0.996755898
hepatocellular carcinoma	4	NEAT1	0.994555824
hepatocellular carcinoma	5	SNHG1	0.984321869
hepatocellular carcinoma	6	LINC00974	0.984321869
hepatocellular carcinoma	7	SPRY4-IT1	0.984178411
hepatocellular carcinoma	8	ZEB1-AS1	0.978066469
hepatocellular carcinoma	9	GAS5	0.977930615
hepatocellular carcinoma	10	TUG1	0.972990926
hepatocellular carcinoma	11	XIST	0.972367653
hepatocellular carcinoma	12	HCP5	0.97070861
hepatocellular carcinoma	13	MIR194-2HG	0.969550891
hepatocellular carcinoma	14	ZFAS1	0.968835539
hepatocellular carcinoma	15	MALAT1	0.967425317
hepatocellular carcinoma	16	CDKN2B-AS1	0.966850608
hepatocellular carcinoma	17	H19	0.965746171
hepatocellular carcinoma	18	CCAT2	0.960488533
hepatocellular carcinoma	19	HOTTIP	0.957638536
hepatocellular carcinoma	20	HULC	0.957638536
hepatocellular carcinoma	21	CCAT1	0.953966488
hepatocellular carcinoma	22	PVT1	0.952934325
hepatocellular carcinoma	23	HCCAT5	0.951624474
hepatocellular carcinoma	24	AFAP1-AS1	0.951254722
hepatocellular carcinoma	25	TRERNA1	0.948045322
hepatocellular carcinoma	26	DBH-AS1	0.948045322
hepatocellular carcinoma	27	PCAT1	0.946831872
hepatocellular carcinoma	28	IGF2-AS	0.943573198
hepatocellular carcinoma	29	PANDAR	0.943573198
hepatocellular carcinoma	30	DANCR	0.943043123
liver carcinoma	1	LINC00687	0.998720506
liver carcinoma	2	ZFAS1	0.998720506
liver carcinoma	3	LINC00602	0.998389062
liver carcinoma	4	MIR194-2HG	0.996926875
liver carcinoma	5	XIST	0.992777623
liver carcinoma	6	TUG1	0.991942485
liver carcinoma	7	GAS5	0.991904977

liver carcinoma	8	HCP5	0.971080451
liver carcinoma	9	ZEB1-AS1	0.965510795
liver carcinoma	10	LINC00974	0.963371077
liver carcinoma	11	SPRY4-IT1	0.961857539
liver carcinoma	12	NEAT1	0.958720706
liver carcinoma	13	SNHG1	0.955498188
liver carcinoma	14	SOX2-OT	0.95189303
liver carcinoma	15	MIR7-3HG	0.95143615
liver carcinoma	16	KCNQ1OT1	0.941745129
liver carcinoma	17	HOTAIR	0.937180057
liver carcinoma	18	HNFI1A-AS1	0.928974487
liver carcinoma	19	CDKN2B-AS1	0.914886958
liver carcinoma	20	CCAT1	0.912314641
liver carcinoma	21	MIR17HG	0.908992724
liver carcinoma	22	DANCR	0.90288656
liver carcinoma	23	PANDAR	0.90288656
liver carcinoma	24	IGF2-AS	0.899594733
liver carcinoma	25	PCAT1	0.898536219
liver carcinoma	26	AFAP1-AS1	0.89510232
liver carcinoma	27	UCA1	0.89450018
liver carcinoma	28	CYTOR	0.89450018
liver carcinoma	29	HOTTIP	0.891951389
liver carcinoma	30	DBH-AS1	0.890351425
hepatoblastoma	1	TUG1	0.945401574
hepatoblastoma	2	VLDLR-AS1	0.906139433
hepatoblastoma	3	OLMALINC	0.867160276
hepatoblastoma	4	LINC00319	0.847260479
hepatoblastoma	5	MHRT	0.81583755
hepatoblastoma	6	MIR137HG	0.786247085
hepatoblastoma	7	DSCR10	0.765797189
hepatoblastoma	8	MESTIT1	0.729692475
hepatoblastoma	9	FBXW7-AS1	0.705087252
hepatoblastoma	10	MEG8	0.693945116
hepatoblastoma	11	PEG3-AS1	0.68000452
hepatoblastoma	12	NORAD	0.626942982
hepatoblastoma	13	ABALON	0.542036824
hepatoblastoma	14	MIR4435-2HG	0.483938824
hepatoblastoma	15	LINC00315	0.480600308
hepatoblastoma	16	NCAM1-AS1	0.465563156
hepatoblastoma	17	IL10RB-AS1	0.460290393
hepatoblastoma	18	LINC00336	0.456403952
hepatoblastoma	19	GATA3-AS1	0.447900706
hepatoblastoma	20	JAZF1-AS1	0.444921401
hepatoblastoma	21	LINC00477	0.425863546
hepatoblastoma	22	LINC01531	0.417602501
hepatoblastoma	23	HPN-AS1	0.416908208
hepatoblastoma	24	ATE1-AS1	0.400762588

hepatoblastoma	25	LINC00942	0.380796458
hepatoblastoma	26	LINC01387	0.349816601
hepatoblastoma	27	PSMB8-AS1	0.345023378
hepatoblastoma	28	LMCD1-AS1	0.344423966
hepatoblastoma	29	LINC01098	0.343548931
hepatoblastoma	30	SERTAD4-AS1	0.342983062
embryonal cancer	1	ESRG	0.761920755
embryonal cancer	2	LINC01387	0.61646906
embryonal cancer	3	LINC00477	0.57677345
embryonal cancer	4	LINC00336	0.557871891
embryonal cancer	5	PARD6G-AS1	0.50411392
embryonal cancer	6	LINC00942	0.479414867
embryonal cancer	7	TEX41	0.471840229
embryonal cancer	8	PSMB8-AS1	0.415120473
embryonal cancer	9	DSCR9	0.38721847
embryonal cancer	10	LINC01098	0.336089948
embryonal cancer	11	NCAM1-AS1	0.325292779
embryonal cancer	12	JAZF1-AS1	0.322720783
embryonal cancer	13	LMCD1-AS1	0.316448531
embryonal cancer	14	LINC01588	0.31020139
embryonal cancer	15	IL10RB-AS1	0.308105915
embryonal cancer	16	ATE1-AS1	0.297969097
embryonal cancer	17	LINC00856	0.290054318
embryonal cancer	18	LINC00922	0.285248725
embryonal cancer	19	SERTAD4-AS1	0.25860743
embryonal cancer	20	HPN-AS1	0.252893575
embryonal cancer	21	LINC01531	0.24309484
embryonal cancer	22	GATA3-AS1	0.199945771
embryonal cancer	23	KCTD21-AS1	0.197035171
embryonal cancer	24	VLDLR-AS1	0.180803817
embryonal cancer	25	LINC00319	0.179849485
embryonal cancer	26	NUP50-AS1	0.178183473
embryonal cancer	27	MHRT	0.176677418
embryonal cancer	28	HAS2-AS1	0.16951514
embryonal cancer	29	ADORA2A-AS1	0.162585074
embryonal cancer	30	COL18A1-AS1	0.161755591
disease of anatomical entity	1	PCGEM1	0.99887162
disease of anatomical entity	2	SCHLAP1	0.997853755
disease of anatomical entity	3	MALAT1	0.995651992
disease of anatomical entity	4	H19	0.994525934
disease of anatomical entity	5	HOTAIR	0.994146449
disease of anatomical entity	6	ATXN8OS	0.993428341
disease of anatomical entity	7	IL12A-AS1	0.99319116
disease of anatomical entity	8	MEG3	0.988837544
disease of anatomical entity	9	CDKN2A-AS1	0.987772498
disease of anatomical entity	10	DANCR	0.98216844
disease of anatomical entity	11	BCYRN1	0.977274486



disease of anatomical entity	12	NALT1	0.977190404
disease of anatomical entity	13	XIST	0.975837744
disease of anatomical entity	14	LINCMD1	0.965385058
disease of anatomical entity	15	NEAT1	0.965229935
disease of anatomical entity	16	MIR155HG	0.964153747
disease of anatomical entity	17	SOX2-OT	0.944080105
disease of anatomical entity	18	ESRG	0.94299082
disease of anatomical entity	19	IGF2-AS	0.940813478
disease of anatomical entity	20	ERICH1-AS1	0.933569239
disease of anatomical entity	21	TP53COR1	0.931750133
disease of anatomical entity	22	THRIL	0.925854826
disease of anatomical entity	23	PSORS1C3	0.921917461
disease of anatomical entity	24	C1QTNF9B-AS1	0.920854938
disease of anatomical entity	25	LINC00474	0.913411141
disease of anatomical entity	26	MIR100HG	0.911571462
disease of anatomical entity	27	PCAT1	0.899436611
disease of anatomical entity	28	PRINS	0.89485976
disease of anatomical entity	29	CTBP1-AS	0.893841396
disease of anatomical entity	30	PRNCR1	0.893616088
mature B-cell neoplasm	1	GAS5	0.995800132
mature B-cell neoplasm	2	TUG1	0.995752471
mature B-cell neoplasm	3	MIR155HG	0.994995493
mature B-cell neoplasm	4	MALAT1	0.991864706
mature B-cell neoplasm	5	VLDLR-AS1	0.987798581
mature B-cell neoplasm	6	LINC01081	0.97445043
mature B-cell neoplasm	7	CARMN	0.946074544
mature B-cell neoplasm	8	CASC8	0.934821325
mature B-cell neoplasm	9	NBR2	0.926075249
mature B-cell neoplasm	10	OLMALINC	0.8466218
mature B-cell neoplasm	11	LINC00293	0.827233041
mature B-cell neoplasm	12	PCAT4	0.825819658
mature B-cell neoplasm	13	RAD51-AS1	0.790251485
mature B-cell neoplasm	14	NFIA-AS1	0.779738951
mature B-cell neoplasm	15	COPG2IT1	0.777988015
mature B-cell neoplasm	16	TTY2	0.774432621
mature B-cell neoplasm	17	GHRLOS	0.685204925
mature B-cell neoplasm	18	LINC00319	0.668987036
mature B-cell neoplasm	19	ZNF667-AS1	0.64882925
mature B-cell neoplasm	20	DISC1FP1	0.57290555
mature B-cell neoplasm	21	FAM30A	0.546572117
mature B-cell neoplasm	22	FALEC	0.518338212
mature B-cell neoplasm	23	HAS2-AS1	0.440005061
mature B-cell neoplasm	24	ADORA2A-AS1	0.419508178
mature B-cell neoplasm	25	NUP50-AS1	0.41676315
mature B-cell neoplasm	26	MIR181A1HG	0.416296171
mature B-cell neoplasm	27	PARTICL	0.413629152
mature B-cell neoplasm	28	CADM3-AS1	0.400543651

mature B-cell neoplasm	29	PWRN1	0.399935308
mature B-cell neoplasm	30	LINC01587	0.374937664
B-cell lymphoma	1	HOTAIR	0.998289394
B-cell lymphoma	2	MALAT1	0.998081996
B-cell lymphoma	3	TUG1	0.954656287
B-cell lymphoma	4	HULC	0.945831354
B-cell lymphoma	5	MIR17HG	0.923746425
B-cell lymphoma	6	GAS5	0.899731374
B-cell lymphoma	7	PVT1	0.870474145
B-cell lymphoma	8	HELLPAR	0.869399003
B-cell lymphoma	9	LINC01081	0.865948671
B-cell lymphoma	10	HAS2-AS1	0.83021653
B-cell lymphoma	11	RAD51-AS1	0.827716407
B-cell lymphoma	12	NFIA-AS1	0.753954901
B-cell lymphoma	13	ABALON	0.750666218
B-cell lymphoma	14	MIR22HG	0.744718664
B-cell lymphoma	15	MIR4435-2HG	0.712358922
B-cell lymphoma	16	ADORA2A-AS1	0.680114024
B-cell lymphoma	17	APTR	0.593377084
B-cell lymphoma	18	KCTD21-AS1	0.58109926
B-cell lymphoma	19	LINC00942	0.563235419
B-cell lymphoma	20	LINC00922	0.48203881
B-cell lymphoma	21	LINC01531	0.454745575
B-cell lymphoma	22	DSCR9	0.454652503
B-cell lymphoma	23	PARD6G-AS1	0.444148503
B-cell lymphoma	24	GATA3-AS1	0.43648255
B-cell lymphoma	25	HPN-AS1	0.433706983
B-cell lymphoma	26	IL10RB-AS1	0.396144149
B-cell lymphoma	27	LINC01387	0.392691078
B-cell lymphoma	28	LINC00336	0.390165952
B-cell lymphoma	29	NCAM1-AS1	0.384606427
B-cell lymphoma	30	TEX41	0.350335333
rheumatoid arthritis	1	MIR155HG	0.973008775
rheumatoid arthritis	2	H19	0.92526806
rheumatoid arthritis	3	LINC01081	0.913647543
rheumatoid arthritis	4	HAS2-AS1	0.912474532
rheumatoid arthritis	5	RAD51-AS1	0.86454947
rheumatoid arthritis	6	NBR2	0.819326083
rheumatoid arthritis	7	JAZF1-AS1	0.793220117
rheumatoid arthritis	8	SERTAD4-AS1	0.776965912
rheumatoid arthritis	9	LINC00856	0.752980069
rheumatoid arthritis	10	LINC00477	0.633873114
rheumatoid arthritis	11	ADORA2A-AS1	0.588772432
rheumatoid arthritis	12	LINC01387	0.543155075
rheumatoid arthritis	13	NCAM1-AS1	0.527451072
rheumatoid arthritis	14	LMCD1-AS1	0.526900637
rheumatoid arthritis	15	PARD6G-AS1	0.497112403

rheumatoid arthritis	16	IL10RB-AS1	0.4881471
rheumatoid arthritis	17	MIR4435-2HG	0.47562388
rheumatoid arthritis	18	NFIA-AS1	0.442919605
rheumatoid arthritis	19	LINC01588	0.439158418
rheumatoid arthritis	20	GATA3-AS1	0.433408042
rheumatoid arthritis	21	LINC01531	0.396435031
rheumatoid arthritis	22	HPN-AS1	0.391402474
rheumatoid arthritis	23	MIR22HG	0.369746724
rheumatoid arthritis	24	ATE1-AS1	0.369222655
rheumatoid arthritis	25	LINC01098	0.338402205
rheumatoid arthritis	26	KCTD21-AS1	0.337291803
rheumatoid arthritis	27	LINC00942	0.328491912
rheumatoid arthritis	28	LINC00336	0.328428242
rheumatoid arthritis	29	PSMB8-AS1	0.297643572
rheumatoid arthritis	30	LINC00922	0.296634574
hematopoietic system disease	1	H19	0.925751044
hematopoietic system disease	2	LINC01081	0.877525689
hematopoietic system disease	3	HAS2-AS1	0.801942851
hematopoietic system disease	4	RAD51-AS1	0.744063198
hematopoietic system disease	5	IL10RB-AS1	0.741543948
hematopoietic system disease	6	PARD6G-AS1	0.63897639
hematopoietic system disease	7	NFIA-AS1	0.637381688
hematopoietic system disease	8	LINC01588	0.562866933
hematopoietic system disease	9	ADORA2A-AS1	0.513294119
hematopoietic system disease	10	DSCR9	0.487186922
hematopoietic system disease	11	LINC01387	0.482540676
hematopoietic system disease	12	TEX41	0.405170286
hematopoietic system disease	13	LINC00856	0.372305569
hematopoietic system disease	14	SERTAD4-AS1	0.336034421
hematopoietic system disease	15	JAZF1-AS1	0.2841374
hematopoietic system disease	16	LINC00336	0.281207432
hematopoietic system disease	17	MIR22HG	0.280488303
hematopoietic system disease	18	LMCD1-AS1	0.269999083
hematopoietic system disease	19	NCAM1-AS1	0.255672448
hematopoietic system disease	20	LINC00922	0.241176077
hematopoietic system disease	21	LINC01531	0.239702733
hematopoietic system disease	22	KCTD21-AS1	0.228679341
hematopoietic system disease	23	GATA3-AS1	0.22680199
hematopoietic system disease	24	MIR4435-2HG	0.220104329
hematopoietic system disease	25	ATE1-AS1	0.217527871
hematopoietic system disease	26	HPN-AS1	0.215827899
hematopoietic system disease	27	LINC00477	0.214419779
hematopoietic system disease	28	LINC00942	0.211558879
hematopoietic system disease	29	PSMB8-AS1	0.21095956
hematopoietic system disease	30	LINC01098	0.210565893
malignant pleural mesothelioma	1	PVT1	0.984603902
malignant pleural mesothelioma	2	GAS5	0.956567829

malignant pleural mesothelioma	3	LINC01081	0.954429985
malignant pleural mesothelioma	4	HAS2-AS1	0.940152921
malignant pleural mesothelioma	5	MIR22HG	0.669992961
malignant pleural mesothelioma	6	MIR4435-2HG	0.585151002
malignant pleural mesothelioma	7	ADORA2A-AS1	0.54362676
malignant pleural mesothelioma	8	NFIA-AS1	0.512962216
malignant pleural mesothelioma	9	HELLPAR	0.452116065
malignant pleural mesothelioma	10	ABALON	0.377587825
malignant pleural mesothelioma	11	GHRLOS	0.291788304
malignant pleural mesothelioma	12	NBR2	0.280367287
malignant pleural mesothelioma	13	LINC00315	0.274700027
malignant pleural mesothelioma	14	APTR	0.252278131
malignant pleural mesothelioma	15	LINC01588	0.24340559
malignant pleural mesothelioma	16	PARD6G-AS1	0.228048208
malignant pleural mesothelioma	17	LINC00477	0.213467907
malignant pleural mesothelioma	18	NCAM1-AS1	0.195894767
malignant pleural mesothelioma	19	LINC01387	0.191664329
malignant pleural mesothelioma	20	LMCD1-AS1	0.189546975
malignant pleural mesothelioma	21	LINC00856	0.184210085
malignant pleural mesothelioma	22	LINC00336	0.16570891
malignant pleural mesothelioma	23	SERTAD4-AS1	0.159072476
malignant pleural mesothelioma	24	JAZF1-AS1	0.157598674
malignant pleural mesothelioma	25	DSCR9	0.154213078
malignant pleural mesothelioma	26	TEX41	0.144613361
malignant pleural mesothelioma	27	IL10RB-AS1	0.135030751
malignant pleural mesothelioma	28	LINC00922	0.130943804
malignant pleural mesothelioma	29	HPN-AS1	0.129736618
malignant pleural mesothelioma	30	KCTD21-AS1	0.123386584
lymphatic system disease	1	THRIL	0.926564603
lymphatic system disease	2	ADORA2A-AS1	0.855624332
lymphatic system disease	3	LINC01098	0.834491504
lymphatic system disease	4	PARD6G-AS1	0.818725077
lymphatic system disease	5	TEX41	0.776092893
lymphatic system disease	6	DSCR9	0.767925912
lymphatic system disease	7	LINC01588	0.723948563
lymphatic system disease	8	LINC00477	0.706492384
lymphatic system disease	9	LINC00856	0.62915853
lymphatic system disease	10	LMCD1-AS1	0.598560969
lymphatic system disease	11	IL10RB-AS1	0.587186665
lymphatic system disease	12	PSMB8-AS1	0.52665303
lymphatic system disease	13	LINC00336	0.46973677
lymphatic system disease	14	LINC00922	0.468279372
lymphatic system disease	15	SERTAD4-AS1	0.454100876
lymphatic system disease	16	NCAM1-AS1	0.44886662
lymphatic system disease	17	JAZF1-AS1	0.389381382
lymphatic system disease	18	LINC01387	0.389259379
lymphatic system disease	19	GATA3-AS1	0.384659616

lymphatic system disease	20	LINC01531	0.375487076
lymphatic system disease	21	KCTD21-AS1	0.37175357
lymphatic system disease	22	ATE1-AS1	0.358197685
lymphatic system disease	23	HPN-AS1	0.350279889
lymphatic system disease	24	LINC00942	0.346935253
lymphatic system disease	25	NFIA-AS1	0.343842103
lymphatic system disease	26	MIR4435-2HG	0.336790473
lymphatic system disease	27	COL18A1-AS1	0.332239295
lymphatic system disease	28	LINC00511	0.331648177
lymphatic system disease	29	GHRLOS	0.331120315
lymphatic system disease	30	PARTICL	0.32971786
retinoblastoma	1	BANCR	0.99145386
retinoblastoma	2	MIR17HG	0.986400334
retinoblastoma	3	MIR155HG	0.985406199
retinoblastoma	4	LINC01081	0.977927807
retinoblastoma	5	RAD51-AS1	0.976211078
retinoblastoma	6	HAS2-AS1	0.974185547
retinoblastoma	7	DSCR9	0.954592256
retinoblastoma	8	TEX41	0.913737011
retinoblastoma	9	PARD6G-AS1	0.90622618
retinoblastoma	10	LINC00336	0.80796186
retinoblastoma	11	NFIA-AS1	0.722162097
retinoblastoma	12	NCAM1-AS1	0.719327362
retinoblastoma	13	LINC01387	0.71687821
retinoblastoma	14	LINC00477	0.715371365
retinoblastoma	15	IL10RB-AS1	0.70086863
retinoblastoma	16	MIR22HG	0.640778733
retinoblastoma	17	LINC00856	0.627847221
retinoblastoma	18	SERTAD4-AS1	0.616342516
retinoblastoma	19	JAZF1-AS1	0.599813242
retinoblastoma	20	ADORA2A-AS1	0.540641891
retinoblastoma	21	LMCD1-AS1	0.522584181
retinoblastoma	22	MIR4435-2HG	0.476929403
retinoblastoma	23	LINC00922	0.430475566
retinoblastoma	24	GATA3-AS1	0.424498528
retinoblastoma	25	LINC01531	0.421876949
retinoblastoma	26	HPN-AS1	0.394164067
retinoblastoma	27	ATE1-AS1	0.377331156
retinoblastoma	28	LINC01098	0.318757487
retinoblastoma	29	KCTD21-AS1	0.306636376
retinoblastoma	30	LINC00942	0.299203279
neuroblastoma	1	MEG3	0.998351551
neuroblastoma	2	NBAT1	0.997368909
neuroblastoma	3	MYCNOS	0.971804189
neuroblastoma	4	MALAT1	0.971782052
neuroblastoma	5	LINC00467	0.970384631
neuroblastoma	6	PVT1	0.970345471

neuroblastoma	7	H19	0.962133486
neuroblastoma	8	MIR100HG	0.959854705
neuroblastoma	9	HAND2-AS1	0.954512569
neuroblastoma	10	CASC15	0.943308818
neuroblastoma	11	LINC00479	0.94016179
neuroblastoma	12	CADM3-AS1	0.936250395
neuroblastoma	13	CASC8	0.935959013
neuroblastoma	14	TTY2	0.927736935
neuroblastoma	15	LINC00293	0.926905058
neuroblastoma	16	PWRN1	0.924831929
neuroblastoma	17	NBR2	0.907219092
neuroblastoma	18	FAM30A	0.895507525
neuroblastoma	19	COPG2IT1	0.892757898
neuroblastoma	20	PWAR5	0.877466487
neuroblastoma	21	LINC00273	0.850909149
neuroblastoma	22	LINC00315	0.839713339
neuroblastoma	23	CARMN	0.839191207
neuroblastoma	24	LINC01587	0.827862229
neuroblastoma	25	PARTICL	0.82515187
neuroblastoma	26	MIR4435-2HG	0.823099406
neuroblastoma	27	DISC1FP1	0.819233439
neuroblastoma	28	FMR1-AS1	0.819233439
neuroblastoma	29	GHRLOS	0.818260408
neuroblastoma	30	LINC01081	0.810116233
abdominal aortic aneurysm	1	CDKN2B-AS1	0.890018321
abdominal aortic aneurysm	2	LINC01081	0.877734332
abdominal aortic aneurysm	3	HAS2-AS1	0.761995755
abdominal aortic aneurysm	4	RAD51-AS1	0.74103087
abdominal aortic aneurysm	5	LINC01387	0.736951633
abdominal aortic aneurysm	6	DSCR9	0.659998199
abdominal aortic aneurysm	7	ADORA2A-AS1	0.645295681
abdominal aortic aneurysm	8	JAZF1-AS1	0.63969342
abdominal aortic aneurysm	9	TEX41	0.524394113
abdominal aortic aneurysm	10	IL10RB-AS1	0.501035876
abdominal aortic aneurysm	11	MIR22HG	0.488758522
abdominal aortic aneurysm	12	NCAM1-AS1	0.468380948
abdominal aortic aneurysm	13	LINC00477	0.447456263
abdominal aortic aneurysm	14	LINC01098	0.437725801
abdominal aortic aneurysm	15	MIR4435-2HG	0.424537828
abdominal aortic aneurysm	16	SERTAD4-AS1	0.403410078
abdominal aortic aneurysm	17	LINC01588	0.355894532
abdominal aortic aneurysm	18	PARD6G-AS1	0.310638557
abdominal aortic aneurysm	19	LMCD1-AS1	0.272354131
abdominal aortic aneurysm	20	PSMB8-AS1	0.252298613
abdominal aortic aneurysm	21	KCTD21-AS1	0.237919675
abdominal aortic aneurysm	22	NFIA-AS1	0.229105491
abdominal aortic aneurysm	23	ATE1-AS1	0.227895258

abdominal aortic aneurysm	24	LINC00856	0.212853423
abdominal aortic aneurysm	25	LINC00336	0.190322985
abdominal aortic aneurysm	26	HPN-AS1	0.161415697
abdominal aortic aneurysm	27	LINC01531	0.148771844
abdominal aortic aneurysm	28	GATA3-AS1	0.14583661
abdominal aortic aneurysm	29	LINC00942	0.141216752
abdominal aortic aneurysm	30	LINC00922	0.135392441
gastrointestinal system disease	1	GAS5	0.965970887
gastrointestinal system disease	2	AFAP1-AS1	0.928074555
gastrointestinal system disease	3	CDKN2B-AS1	0.9129702
gastrointestinal system disease	4	MIR17HG	0.894727107
gastrointestinal system disease	5	MIR4435-2HG	0.832801385
gastrointestinal system disease	6	NFIA-AS1	0.806072303
gastrointestinal system disease	7	ADORA2A-AS1	0.801978664
gastrointestinal system disease	8	PARTICL	0.692502205
gastrointestinal system disease	9	GHRLOS	0.681201294
gastrointestinal system disease	10	ABALON	0.628317686
gastrointestinal system disease	11	APTR	0.620311971
gastrointestinal system disease	12	TRERNA1	0.555871048
gastrointestinal system disease	13	MIR7-3HG	0.51695164
gastrointestinal system disease	14	NCRUPAR	0.508899852
gastrointestinal system disease	15	CAHM	0.502525942
gastrointestinal system disease	16	DBH-AS1	0.499358365
gastrointestinal system disease	17	HCCAT5	0.470136244
gastrointestinal system disease	18	LINC00687	0.459293896
gastrointestinal system disease	19	CYTOR	0.4587092
gastrointestinal system disease	20	LINC00602	0.45750465
gastrointestinal system disease	21	MIR194-2HG	0.449864706
gastrointestinal system disease	22	LINC00974	0.436142348
gastrointestinal system disease	23	LINC00963	0.419161383
gastrointestinal system disease	24	PCAT5	0.416231062
gastrointestinal system disease	25	TTY15	0.402444121
gastrointestinal system disease	26	LINC00575	0.402434123
gastrointestinal system disease	27	IL10RB-AS1	0.387778389
gastrointestinal system disease	28	TEX41	0.367752724
gastrointestinal system disease	29	LINC00856	0.356422399
gastrointestinal system disease	30	LINC01387	0.310013407
retinal cell cancer	1	MIR17HG	0.997947272
retinal cell cancer	2	MIR155HG	0.994796046
retinal cell cancer	3	BANCR	0.992276292
retinal cell cancer	4	LINC01081	0.991754683
retinal cell cancer	5	RAD51-AS1	0.983400979
retinal cell cancer	6	HAS2-AS1	0.977444038
retinal cell cancer	7	JAZF1-AS1	0.965962047
retinal cell cancer	8	LINC00477	0.914991254
retinal cell cancer	9	LINC00336	0.910691213
retinal cell cancer	10	LINC00856	0.812943624

retinal cell cancer	11	MIR22HG	0.728880353
retinal cell cancer	12	NCAM1-AS1	0.726034421
retinal cell cancer	13	PARD6G-AS1	0.695756804
retinal cell cancer	14	MIR4435-2HG	0.693877268
retinal cell cancer	15	LINC00922	0.654457559
retinal cell cancer	16	LMCD1-AS1	0.601779834
retinal cell cancer	17	IL10RB-AS1	0.590795032
retinal cell cancer	18	LINC01387	0.590297129
retinal cell cancer	19	SERTAD4-AS1	0.580098725
retinal cell cancer	20	NFIA-AS1	0.480621616
retinal cell cancer	21	ADORA2A-AS1	0.450441811
retinal cell cancer	22	LINC00942	0.405178218
retinal cell cancer	23	GATA3-AS1	0.395684271
retinal cell cancer	24	LINC01531	0.374922479
retinal cell cancer	25	LINC01098	0.358309937
retinal cell cancer	26	HPN-AS1	0.312569454
retinal cell cancer	27	LINC01588	0.283676531
retinal cell cancer	28	DSCR9	0.281457596
retinal cell cancer	29	TEX41	0.253476907
retinal cell cancer	30	ATE1-AS1	0.248341631
end stage renal failure	1	PVT1	0.959728972
end stage renal failure	2	LINC01081	0.953779106
end stage renal failure	3	RAD51-AS1	0.945916352
end stage renal failure	4	HAS2-AS1	0.809727703
end stage renal failure	5	MIR22HG	0.745035188
end stage renal failure	6	NCAM1-AS1	0.728453856
end stage renal failure	7	LINC00922	0.723707319
end stage renal failure	8	LINC01387	0.68525384
end stage renal failure	9	DSCR9	0.530612659
end stage renal failure	10	NFIA-AS1	0.500722472
end stage renal failure	11	LINC00477	0.480578242
end stage renal failure	12	LINC01098	0.475575023
end stage renal failure	13	MIR4435-2HG	0.471914775
end stage renal failure	14	LINC00856	0.455213018
end stage renal failure	15	SERTAD4-AS1	0.45273672
end stage renal failure	16	TEX41	0.378462478
end stage renal failure	17	LMCD1-AS1	0.342359709
end stage renal failure	18	PSMB8-AS1	0.320361114
end stage renal failure	19	PARD6G-AS1	0.310027237
end stage renal failure	20	KCTD21-AS1	0.305541116
end stage renal failure	21	IL10RB-AS1	0.296327293
end stage renal failure	22	ATE1-AS1	0.269889123
end stage renal failure	23	ADORA2A-AS1	0.267214964
end stage renal failure	24	LINC00336	0.225374806
end stage renal failure	25	LINC00942	0.22494007
end stage renal failure	26	HPN-AS1	0.198721326
end stage renal failure	27	LINC01531	0.188728906



end stage renal failure	28	GATA3-AS1	0.184742806
end stage renal failure	29	JAZF1-AS1	0.156114163
end stage renal failure	30	LINC01588	0.149027309
chronic kidney failure	1	PVT1	0.957820451
chronic kidney failure	2	LINC01081	0.954950767
chronic kidney failure	3	HAS2-AS1	0.911173693
chronic kidney failure	4	RAD51-AS1	0.782156522
chronic kidney failure	5	LINC01588	0.712235659
chronic kidney failure	6	LINC00477	0.708959112
chronic kidney failure	7	ADORA2A-AS1	0.672526897
chronic kidney failure	8	JAZF1-AS1	0.647714115
chronic kidney failure	9	LINC01387	0.512967167
chronic kidney failure	10	SERTAD4-AS1	0.505898261
chronic kidney failure	11	LINC00856	0.499646023
chronic kidney failure	12	IL10RB-AS1	0.483993033
chronic kidney failure	13	LMCD1-AS1	0.45966266
chronic kidney failure	14	NCAM1-AS1	0.392014913
chronic kidney failure	15	PARD6G-AS1	0.341282885
chronic kidney failure	16	DSCR9	0.33353867
chronic kidney failure	17	LINC00922	0.321739252
chronic kidney failure	18	MIR4435-2HG	0.29684436
chronic kidney failure	19	KCTD21-AS1	0.284624563
chronic kidney failure	20	GATA3-AS1	0.278887657
chronic kidney failure	21	LINC01531	0.255474594
chronic kidney failure	22	HPN-AS1	0.231119556
chronic kidney failure	23	LINC00336	0.230754785
chronic kidney failure	24	ATE1-AS1	0.208009477
chronic kidney failure	25	MIR22HG	0.189647131
chronic kidney failure	26	LINC01098	0.16837226
chronic kidney failure	27	NFIA-AS1	0.159117748
chronic kidney failure	28	PSMB8-AS1	0.153083046
chronic kidney failure	29	LINC00942	0.150815816
chronic kidney failure	30	TEX41	0.148360225
periodontitis	1	CDKN2B-AS1	0.950482074
periodontitis	2	LINC01081	0.88602985
periodontitis	3	HAS2-AS1	0.783570027
periodontitis	4	RAD51-AS1	0.708890796
periodontitis	5	SERTAD4-AS1	0.704039972
periodontitis	6	JAZF1-AS1	0.606576
periodontitis	7	LMCD1-AS1	0.549153094
periodontitis	8	NFIA-AS1	0.545271016
periodontitis	9	TEX41	0.531870307
periodontitis	10	ADORA2A-AS1	0.43931189
periodontitis	11	PARD6G-AS1	0.414356175
periodontitis	12	NCAM1-AS1	0.32808334
periodontitis	13	LINC00922	0.324270973
periodontitis	14	MIR22HG	0.269712733

periodontitis	15	LINC00336	0.268250254
periodontitis	16	IL10RB-AS1	0.240430567
periodontitis	17	LINC00856	0.23032946
periodontitis	18	MIR4435-2HG	0.229518407
periodontitis	19	LINC00477	0.228689851
periodontitis	20	LINC01098	0.221496038
periodontitis	21	GATA3-AS1	0.211404344
periodontitis	22	LINC01531	0.204078103
periodontitis	23	HPN-AS1	0.203981496
periodontitis	24	LINC00942	0.203101084
periodontitis	25	ATE1-AS1	0.174060835
periodontitis	26	KCTD21-AS1	0.156251383
periodontitis	27	PSMB8-AS1	0.149271759
periodontitis	28	LINC01387	0.147124695
periodontitis	29	LINC01588	0.144877697
periodontitis	30	DSCR9	0.144780566
osteoarthritis	1	GAS5	0.889285826
osteoarthritis	2	LINC01081	0.829609678
osteoarthritis	3	HAS2-AS1	0.829212726
osteoarthritis	4	RAD51-AS1	0.60451547
osteoarthritis	5	TEX41	0.584464963
osteoarthritis	6	DSCR9	0.536886389
osteoarthritis	7	LINC00922	0.535427621
osteoarthritis	8	LINC01588	0.512053081
osteoarthritis	9	ADORA2A-AS1	0.480402052
osteoarthritis	10	JAZF1-AS1	0.444978838
osteoarthritis	11	PARD6G-AS1	0.420273216
osteoarthritis	12	SERTAD4-AS1	0.402540315
osteoarthritis	13	NFIA-AS1	0.365398718
osteoarthritis	14	LINC00856	0.341339296
osteoarthritis	15	LMCD1-AS1	0.294279304
osteoarthritis	16	IL10RB-AS1	0.260046688
osteoarthritis	17	NCAM1-AS1	0.258181802
osteoarthritis	18	LINC00477	0.254761944
osteoarthritis	19	LINC01387	0.250022969
osteoarthritis	20	LINC01098	0.249163782
osteoarthritis	21	KCTD21-AS1	0.242385737
osteoarthritis	22	MIR4435-2HG	0.241297662
osteoarthritis	23	PSMB8-AS1	0.235740359
osteoarthritis	24	MIR22HG	0.229760651
osteoarthritis	25	LINC00336	0.204879995
osteoarthritis	26	LINC00942	0.204563215
osteoarthritis	27	HPN-AS1	0.193800029
osteoarthritis	28	LINC01531	0.18897093
osteoarthritis	29	GATA3-AS1	0.185110599
osteoarthritis	30	ATE1-AS1	0.180348405
polycythemia	1	H19	0.889720389

polycythemia	2	LINC01081	0.822879759
polycythemia	3	RAD51-AS1	0.707322483
polycythemia	4	HAS2-AS1	0.656650482
polycythemia	5	LINC00477	0.625404806
polycythemia	6	LINC00336	0.615274287
polycythemia	7	MIR22HG	0.602219055
polycythemia	8	LINC00922	0.57708944
polycythemia	9	ADORA2A-AS1	0.464908926
polycythemia	10	PARD6G-AS1	0.452038317
polycythemia	11	NCAM1-AS1	0.439013297
polycythemia	12	JAZF1-AS1	0.414889238
polycythemia	13	NFIA-AS1	0.378373686
polycythemia	14	SERTAD4-AS1	0.353488913
polycythemia	15	LINC00856	0.274282137
polycythemia	16	IL10RB-AS1	0.251917627
polycythemia	17	LMCD1-AS1	0.246518869
polycythemia	18	TEX41	0.243947235
polycythemia	19	MIR4435-2HG	0.218308226
polycythemia	20	LINC01387	0.209125471
polycythemia	21	GATA3-AS1	0.204047587
polycythemia	22	LINC01531	0.194428103
polycythemia	23	HPN-AS1	0.182137942
polycythemia	24	PSMB8-AS1	0.180213288
polycythemia	25	LINC00942	0.168306812
polycythemia	26	ATE1-AS1	0.160976794
polycythemia	27	LINC01588	0.1576377
polycythemia	28	KCTD21-AS1	0.141124899
polycythemia	29	DSCR9	0.134916428
polycythemia	30	LINC01098	0.134006974
retinal degeneration	1	LINC01628	0.768364911
retinal degeneration	2	ERICH1-AS1	0.732259433
retinal degeneration	3	NALT1	0.731285953
retinal degeneration	4	LINC01024	0.728358154
retinal degeneration	5	LUCAT1	0.71359885
retinal degeneration	6	TARID	0.713068197
retinal degeneration	7	LINC00032	0.701851792
retinal degeneration	8	CDR1-AS	0.690830543
retinal degeneration	9	FAM83H-AS1	0.68728081
retinal degeneration	10	LINC00963	0.662983379
retinal degeneration	11	SAMMSO	0.651928831
retinal degeneration	12	PCAT5	0.621678344
retinal degeneration	13	LINC00654	0.61855119
retinal degeneration	14	TUSC8	0.605160664
retinal degeneration	15	NCRUPAR	0.596664123
retinal degeneration	16	CAHM	0.582116761
retinal degeneration	17	MIR7-3HG	0.56958018
retinal degeneration	18	TRERNA1	0.560618894

retinal degeneration	19	MYCNOS	0.556720707
retinal degeneration	20	CASC15	0.517856686
retinal degeneration	21	HAND2-AS1	0.513679976
retinal degeneration	22	LINC-ROR	0.511132155
retinal degeneration	23	TDRG1	0.509753416
retinal degeneration	24	EGOT	0.507819956
retinal degeneration	25	C5orf66-AS2	0.499752144
retinal degeneration	26	BLACAT1	0.488908145
retinal degeneration	27	BCAR4	0.478802209
retinal degeneration	28	LINC00261	0.473434731
retinal degeneration	29	LINC-PINT	0.463354252
retinal degeneration	30	NPSR1-AS1	0.457513246
arthritis	1	H19	0.995401739
arthritis	2	MIR155HG	0.974556033
arthritis	3	HOTAIR	0.946775036
arthritis	4	GAS5	0.926498132
arthritis	5	TDRG1	0.901464438
arthritis	6	NCRUPAR	0.871246516
arthritis	7	CAHM	0.849514417
arthritis	8	LINC-ROR	0.69730271
arthritis	9	CRNDE	0.672230926
arthritis	10	MIR194-2HG	0.663164804
arthritis	11	LINC00974	0.639521945
arthritis	12	DBH-AS1	0.621726496
arthritis	13	LINC00602	0.61312124
arthritis	14	CYTOR	0.532099396
arthritis	15	HCCAT5	0.450244328
arthritis	16	EGOT	0.440439137
arthritis	17	LINC00687	0.427500244
arthritis	18	LINC01024	0.427331387
arthritis	19	TARID	0.416365826
arthritis	20	CDR1-AS	0.39626579
arthritis	21	FAM83H-AS1	0.390718286
arthritis	22	LUCAT1	0.390638047
arthritis	23	PCAT5	0.387847206
arthritis	24	LINC00963	0.386996672
arthritis	25	TUSC8	0.371475269
arthritis	26	BLACAT1	0.369679346
arthritis	27	C5orf66-AS2	0.364205097
arthritis	28	BCAR4	0.353919785
arthritis	29	LINC00261	0.345099625
arthritis	30	LINC-PINT	0.331688993
herpes zoster	1	HCP5	0.734538902
herpes zoster	2	LINC01081	0.665075484
herpes zoster	3	RAD51-AS1	0.645984842
herpes zoster	4	HAS2-AS1	0.639873166
herpes zoster	5	JAZF1-AS1	0.532159482

herpes zoster	6	LINC00922	0.529361726
herpes zoster	7	SERTAD4-AS1	0.52349054
herpes zoster	8	NCAM1-AS1	0.47904142
herpes zoster	9	LINC00336	0.477411801
herpes zoster	10	LMCD1-AS1	0.419048448
herpes zoster	11	IL10RB-AS1	0.407435566
herpes zoster	12	PARD6G-AS1	0.385271503
herpes zoster	13	MIR22HG	0.382979994
herpes zoster	14	NFIA-AS1	0.380924516
herpes zoster	15	ADORA2A-AS1	0.36301515
herpes zoster	16	LINC00856	0.324730281
herpes zoster	17	LINC00477	0.316994241
herpes zoster	18	LINC01387	0.27844647
herpes zoster	19	MIR4435-2HG	0.272712693
herpes zoster	20	GATA3-AS1	0.260409365
herpes zoster	21	LINC01531	0.255177461
herpes zoster	22	HPN-AS1	0.241667716
herpes zoster	23	LINC00942	0.232267807
herpes zoster	24	LINC01588	0.229742862
herpes zoster	25	ATE1-AS1	0.222976206
herpes zoster	26	LINC01098	0.195138538
herpes zoster	27	KCTD21-AS1	0.190720536
herpes zoster	28	PSMB8-AS1	0.183059612
herpes zoster	29	DSCR9	0.146461311
herpes zoster	30	TEX41	0.146034541
chronic myeloid leukemia	1	H19	0.991114937
chronic myeloid leukemia	2	MEG3	0.98531527
chronic myeloid leukemia	3	RAD51-AS1	0.914351664
chronic myeloid leukemia	4	TEX41	0.914335111
chronic myeloid leukemia	5	LINC01588	0.858669646
chronic myeloid leukemia	6	LINC01387	0.76613092
chronic myeloid leukemia	7	NCAM1-AS1	0.715722357
chronic myeloid leukemia	8	LINC00856	0.714532607
chronic myeloid leukemia	9	IL10RB-AS1	0.571413927
chronic myeloid leukemia	10	SERTAD4-AS1	0.56129081
chronic myeloid leukemia	11	JAZF1-AS1	0.499503794
chronic myeloid leukemia	12	PARD6G-AS1	0.488458424
chronic myeloid leukemia	13	DSCR9	0.401228752
chronic myeloid leukemia	14	LINC00477	0.383892735
chronic myeloid leukemia	15	LINC00942	0.376074231
chronic myeloid leukemia	16	LINC01098	0.351120593
chronic myeloid leukemia	17	LMCD1-AS1	0.341125193
chronic myeloid leukemia	18	LINC00922	0.293955151
chronic myeloid leukemia	19	LINC00336	0.280512224
chronic myeloid leukemia	20	KCTD21-AS1	0.278811867
chronic myeloid leukemia	21	ATE1-AS1	0.274535189
chronic myeloid leukemia	22	HPN-AS1	0.26300404

chronic myeloid leukemia	23	PSMB8-AS1	0.249539882
chronic myeloid leukemia	24	GATA3-AS1	0.236261219
chronic myeloid leukemia	25	LINC01531	0.231372934
chronic myeloid leukemia	26	FALEC	0.210612593
chronic myeloid leukemia	27	LINC00293	0.192461617
chronic myeloid leukemia	28	ZNF667-AS1	0.171681889
chronic myeloid leukemia	29	COPG2IT1	0.168278329
chronic myeloid leukemia	30	LINC01587	0.156485374
Burkitt lymphoma	1	MIR155HG	0.872350045
Burkitt lymphoma	2	LINC00319	0.850314957
Burkitt lymphoma	3	OLMALINC	0.846273122
Burkitt lymphoma	4	VLDLR-AS1	0.841072045
Burkitt lymphoma	5	MIR137HG	0.779471505
Burkitt lymphoma	6	DSCR10	0.770419251
Burkitt lymphoma	7	PEG3-AS1	0.756003427
Burkitt lymphoma	8	FBXW7-AS1	0.730163233
Burkitt lymphoma	9	MHRT	0.729822926
Burkitt lymphoma	10	RAD51-AS1	0.706363636
Burkitt lymphoma	11	MESTIT1	0.643164419
Burkitt lymphoma	12	MEG8	0.615011436
Burkitt lymphoma	13	TTY2	0.574717977
Burkitt lymphoma	14	ADORA2A-AS1	0.569043477
Burkitt lymphoma	15	LINC01081	0.545332075
Burkitt lymphoma	16	CARMN	0.518641144
Burkitt lymphoma	17	LINC00315	0.511949785
Burkitt lymphoma	18	DBET	0.50790323
Burkitt lymphoma	19	PARTICL	0.497261154
Burkitt lymphoma	20	NBR2	0.4793384
Burkitt lymphoma	21	COPG2IT1	0.44520576
Burkitt lymphoma	22	NFIA-AS1	0.415294014
Burkitt lymphoma	23	MIR22HG	0.391071663
Burkitt lymphoma	24	COL18A1-AS1	0.360822779
Burkitt lymphoma	25	CASC8	0.35979487
Burkitt lymphoma	26	LINC00575	0.35097833
Burkitt lymphoma	27	HAS2-AS1	0.341566685
Burkitt lymphoma	28	NUP50-AS1	0.320739192
Burkitt lymphoma	29	ZNF667-AS1	0.312836379
Burkitt lymphoma	30	LRRC3DN	0.300294589
oral cavity cancer	1	BCYRN1	0.99663847
oral cavity cancer	2	MALAT1	0.958556688
oral cavity cancer	3	MEG3	0.947930943
oral cavity cancer	4	HOTAIR	0.923240995
oral cavity cancer	5	CCAT2	0.908900392
oral cavity cancer	6	UCA1	0.893776554
oral cavity cancer	7	OLMALINC	0.883550867
oral cavity cancer	8	LINC01081	0.87955383
oral cavity cancer	9	FBXW7-AS1	0.8695492

oral cavity cancer	10	LINC00315	0.825571477
oral cavity cancer	11	MIR22HG	0.815637732
oral cavity cancer	12	MIR4435-2HG	0.802602073
oral cavity cancer	13	NFIA-AS1	0.768847005
oral cavity cancer	14	ABALON	0.738915849
oral cavity cancer	15	RAD51-AS1	0.736672535
oral cavity cancer	16	HAS2-AS1	0.713407565
oral cavity cancer	17	NBR2	0.703593623
oral cavity cancer	18	APTR	0.703217244
oral cavity cancer	19	FALEC	0.656124294
oral cavity cancer	20	COL18A1-AS1	0.622703474
oral cavity cancer	21	GHRLOS	0.619406204
oral cavity cancer	22	NUP50-AS1	0.570787823
oral cavity cancer	23	LINC00293	0.555676568
oral cavity cancer	24	PARTICL	0.553262728
oral cavity cancer	25	DIO3OS	0.55100133
oral cavity cancer	26	TTY2	0.532199059
oral cavity cancer	27	CADM3-AS1	0.528558411
oral cavity cancer	28	COPG2IT1	0.526241015
oral cavity cancer	29	ZNF667-AS1	0.510515339
oral cavity cancer	30	CARMN	0.495531693
nervous system disease	1	MEG3	0.995406906
nervous system disease	2	PISRT1	0.992489133
nervous system disease	3	IFNG-AS1	0.992421128
nervous system disease	4	LINC01628	0.992360601
nervous system disease	5	LINC01080	0.991622808
nervous system disease	6	ATXN8OS	0.967903705
nervous system disease	7	CDKN2B-AS1	0.955509057
nervous system disease	8	NALT1	0.948907527
nervous system disease	9	TUG1	0.939767402
nervous system disease	10	MIR100HG	0.939095437
nervous system disease	11	CDKN2A-AS1	0.938052827
nervous system disease	12	LINC00974	0.936937927
nervous system disease	13	LINC00687	0.921977998
nervous system disease	14	CYTOR	0.905547048
nervous system disease	15	HCCAT5	0.899512737
nervous system disease	16	MIR194-2HG	0.895000676
nervous system disease	17	LINC00602	0.893352528
nervous system disease	18	DBH-AS1	0.89121279
nervous system disease	19	CARMN	0.889538056
nervous system disease	20	TSIX	0.881720634
nervous system disease	21	NBR2	0.869543469
nervous system disease	22	GNG12-AS1	0.860613495
nervous system disease	23	HAS2-AS1	0.852455591
nervous system disease	24	LINC01235	0.850691494
nervous system disease	25	LINC00315	0.832103963
nervous system disease	26	PWAR5	0.827332771

nervous system disease	27	COL18A1-AS1	0.824035235
nervous system disease	28	PEG3-AS1	0.821241544
nervous system disease	29	LINC00479	0.816285672
nervous system disease	30	ABALON	0.811977858
tongue cancer	1	BCYRN1	0.921839592
tongue cancer	2	LINC00942	0.852810527
tongue cancer	3	LMCD1-AS1	0.817241666
tongue cancer	4	LINC00477	0.780108641
tongue cancer	5	LINC01387	0.774212188
tongue cancer	6	IL10RB-AS1	0.698154092
tongue cancer	7	LINC00856	0.681118074
tongue cancer	8	SERTAD4-AS1	0.61931317
tongue cancer	9	PSMB8-AS1	0.615433236
tongue cancer	10	JAZF1-AS1	0.611826587
tongue cancer	11	LINC01098	0.588933282
tongue cancer	12	LINC00922	0.571291543
tongue cancer	13	NCAM1-AS1	0.552328452
tongue cancer	14	PARD6G-AS1	0.52014492
tongue cancer	15	LINC00336	0.509679144
tongue cancer	16	KCTD21-AS1	0.503716704
tongue cancer	17	TEX41	0.503494446
tongue cancer	18	ATE1-AS1	0.479757404
tongue cancer	19	DSCR9	0.474977763
tongue cancer	20	LINC01588	0.467362745
tongue cancer	21	GATA3-AS1	0.464742476
tongue cancer	22	HPN-AS1	0.463075147
tongue cancer	23	LINC01531	0.455565942
tongue cancer	24	ABALON	0.441837067
tongue cancer	25	LINC00315	0.435619945
tongue cancer	26	HELLPAR	0.421653053
tongue cancer	27	GHRLOS	0.416534073
tongue cancer	28	NBR2	0.396273616
tongue cancer	29	LOXL1-AS1	0.390145794
tongue cancer	30	GPR1-AS	0.374719735
vasculitis	1	IL12A-AS1	0.849103025
vasculitis	2	LINC01081	0.802441238
vasculitis	3	RAD51-AS1	0.799458091
vasculitis	4	HAS2-AS1	0.757866195
vasculitis	5	MIR4435-2HG	0.748750677
vasculitis	6	NFIA-AS1	0.708515526
vasculitis	7	MIR22HG	0.688124558
vasculitis	8	ADORA2A-AS1	0.641825141
vasculitis	9	LINC00477	0.632498487
vasculitis	10	PARD6G-AS1	0.624902037
vasculitis	11	LINC01098	0.550052123
vasculitis	12	TEX41	0.455730813
vasculitis	13	LINC00336	0.451819558



vasculitis	14	LINC01588	0.435571535
vasculitis	15	LMCD1-AS1	0.434966683
vasculitis	16	NCAM1-AS1	0.414963963
vasculitis	17	LINC00922	0.399526751
vasculitis	18	DSCR9	0.389833796
vasculitis	19	LINC01387	0.373662482
vasculitis	20	GATA3-AS1	0.368346531
vasculitis	21	LINC01531	0.365225394
vasculitis	22	HPN-AS1	0.361661936
vasculitis	23	JAZF1-AS1	0.354296733
vasculitis	24	SERTAD4-AS1	0.350144495
vasculitis	25	ATE1-AS1	0.345118136
vasculitis	26	IL10RB-AS1	0.344884065
vasculitis	27	LINC00942	0.340541715
vasculitis	28	PSMB8-AS1	0.326938268
vasculitis	29	LINC00856	0.307435746
vasculitis	30	KCTD21-AS1	0.302114299
myeloid leukemia	1	WT1-AS	0.998910525
myeloid leukemia	2	MEG3	0.996113033
myeloid leukemia	3	PVT1	0.987086001
myeloid leukemia	4	HOTAIR	0.985451005
myeloid leukemia	5	UCA1	0.985203266
myeloid leukemia	6	H19	0.985156735
myeloid leukemia	7	CCDC26	0.978078124
myeloid leukemia	8	MIR99AHG	0.977219445
myeloid leukemia	9	HOTAIRM1	0.970581279
myeloid leukemia	10	CCAT1	0.957439006
myeloid leukemia	11	FAM30A	0.951945461
myeloid leukemia	12	COPG2IT1	0.941437778
myeloid leukemia	13	PCAT4	0.941338142
myeloid leukemia	14	GHRLOS	0.939181745
myeloid leukemia	15	TTY2	0.924508818
myeloid leukemia	16	LINC00273	0.911823485
myeloid leukemia	17	NUP50-AS1	0.880886613
myeloid leukemia	18	LINC00293	0.851724623
myeloid leukemia	19	APTR	0.851554499
myeloid leukemia	20	RAD51-AS1	0.850281392
myeloid leukemia	21	DIO3OS	0.845054244
myeloid leukemia	22	ADORA2A-AS1	0.824894989
myeloid leukemia	23	COL18A1-AS1	0.80414817
myeloid leukemia	24	TTY4	0.775622363
myeloid leukemia	25	FMR1-AS1	0.75531151
myeloid leukemia	26	HELLPAR	0.744280046
myeloid leukemia	27	PWRN1	0.738203896
myeloid leukemia	28	LINC00575	0.71974434
myeloid leukemia	29	LINC01081	0.716030836
myeloid leukemia	30	PWAR5	0.713833288

neurofibromatosis	1	CDKN2B-AS1	0.909784997
neurofibromatosis	2	LINC01081	0.902048721
neurofibromatosis	3	RAD51-AS1	0.692907316
neurofibromatosis	4	HAS2-AS1	0.652892727
neurofibromatosis	5	LMCD1-AS1	0.624522289
neurofibromatosis	6	LINC00336	0.438811316
neurofibromatosis	7	MIR22HG	0.433898497
neurofibromatosis	8	LINC00922	0.423401118
neurofibromatosis	9	ADORA2A-AS1	0.419302327
neurofibromatosis	10	PARD6G-AS1	0.408915449
neurofibromatosis	11	TEX41	0.407692452
neurofibromatosis	12	JAZF1-AS1	0.390836417
neurofibromatosis	13	NFIA-AS1	0.384327431
neurofibromatosis	14	SERTAD4-AS1	0.322220028
neurofibromatosis	15	LINC00856	0.302407078
neurofibromatosis	16	LINC01387	0.300272034
neurofibromatosis	17	NCAM1-AS1	0.290066043
neurofibromatosis	18	MIR4435-2HG	0.28838124
neurofibromatosis	19	LINC00477	0.278969001
neurofibromatosis	20	LINC01098	0.26389732
neurofibromatosis	21	GATA3-AS1	0.256061849
neurofibromatosis	22	LINC01531	0.255379933
neurofibromatosis	23	HPN-AS1	0.248877607
neurofibromatosis	24	LINC00942	0.237016845
neurofibromatosis	25	ATE1-AS1	0.234326336
neurofibromatosis	26	KCTD21-AS1	0.224270754
neurofibromatosis	27	LINC01588	0.221483034
neurofibromatosis	28	IL10RB-AS1	0.219774735
neurofibromatosis	29	PSMB8-AS1	0.218490901
neurofibromatosis	30	DSCR9	0.216465362
vascular dementia	1	CDKN2A-AS1	0.60944729
vascular dementia	2	LINC01081	0.57344149
vascular dementia	3	HAS2-AS1	0.548800072
vascular dementia	4	RAD51-AS1	0.547961441
vascular dementia	5	MIR4435-2HG	0.524390392
vascular dementia	6	NFIA-AS1	0.523284276
vascular dementia	7	ADORA2A-AS1	0.504728262
vascular dementia	8	HELLPAR	0.487025265
vascular dementia	9	ABALON	0.483852179
vascular dementia	10	PARD6G-AS1	0.460259676
vascular dementia	11	IL10RB-AS1	0.447808246
vascular dementia	12	LINC00856	0.437735557
vascular dementia	13	TEX41	0.428834949
vascular dementia	14	LINC00942	0.42103912
vascular dementia	15	NCAM1-AS1	0.415754236
vascular dementia	16	SERTAD4-AS1	0.399906216
vascular dementia	17	LINC01387	0.393004018

vascular dementia	18	LMCD1-AS1	0.389243842
vascular dementia	19	LINC00336	0.388455925
vascular dementia	20	ATE1-AS1	0.378047946
vascular dementia	21	GATA3-AS1	0.371344482
vascular dementia	22	LINC01531	0.371344482
vascular dementia	23	HPN-AS1	0.369011912
vascular dementia	24	LINC00922	0.365949723
vascular dementia	25	DSCR9	0.358483796
vascular dementia	26	KCTD21-AS1	0.350370193
vascular dementia	27	JAZF1-AS1	0.348492374
vascular dementia	28	PSMB8-AS1	0.343090243
vascular dementia	29	LINC01588	0.330016387
vascular dementia	30	LINC00477	0.317395702
contagious pustular dermatitis	1	ATXN8OS	0.661613196
contagious pustular dermatitis	2	LINC01081	0.646833001
contagious pustular dermatitis	3	HAS2-AS1	0.562516837
contagious pustular dermatitis	4	RAD51-AS1	0.54727811
contagious pustular dermatitis	5	LINC01588	0.544668082
contagious pustular dermatitis	6	NCAM1-AS1	0.539273803
contagious pustular dermatitis	7	MIR22HG	0.537608104
contagious pustular dermatitis	8	LMCD1-AS1	0.500177551
contagious pustular dermatitis	9	IL10RB-AS1	0.418063784
contagious pustular dermatitis	10	NFIA-AS1	0.40113288
contagious pustular dermatitis	11	LINC00336	0.392762227
contagious pustular dermatitis	12	LINC00922	0.391175609
contagious pustular dermatitis	13	ADORA2A-AS1	0.381900382
contagious pustular dermatitis	14	LINC01387	0.343323149
contagious pustular dermatitis	15	JAZF1-AS1	0.334468057
contagious pustular dermatitis	16	SERTAD4-AS1	0.323503036
contagious pustular dermatitis	17	PARD6G-AS1	0.315296966
contagious pustular dermatitis	18	DSCR9	0.312270231
contagious pustular dermatitis	19	LINC00856	0.310596953
contagious pustular dermatitis	20	LINC01098	0.306568644
contagious pustular dermatitis	21	KCTD21-AS1	0.266774481
contagious pustular dermatitis	22	ATE1-AS1	0.264351153
contagious pustular dermatitis	23	PSMB8-AS1	0.248638408
contagious pustular dermatitis	24	TEX41	0.237565354
contagious pustular dermatitis	25	LINC00942	0.224282762
contagious pustular dermatitis	26	LINC01531	0.211128322
contagious pustular dermatitis	27	GATA3-AS1	0.201804056
contagious pustular dermatitis	28	MIR4435-2HG	0.19796065
contagious pustular dermatitis	29	HPN-AS1	0.193102874
contagious pustular dermatitis	30	LINC00477	0.172908674
salivary gland cancer	1	LINC01081	0.931836071
salivary gland cancer	2	HAS2-AS1	0.882638269
salivary gland cancer	3	RAD51-AS1	0.858566157
salivary gland cancer	4	MIR4435-2HG	0.841361457

salivary gland cancer	5	ADORA2A-AS1	0.790245469
salivary gland cancer	6	NFIA-AS1	0.746113194
salivary gland cancer	7	MIR22HG	0.708772972
salivary gland cancer	8	LINC01387	0.692367719
salivary gland cancer	9	LINC00856	0.67869399
salivary gland cancer	10	NCAM1-AS1	0.661668449
salivary gland cancer	11	SERTAD4-AS1	0.631876008
salivary gland cancer	12	LINC01588	0.572239121
salivary gland cancer	13	JAZF1-AS1	0.571988115
salivary gland cancer	14	PARD6G-AS1	0.462231249
salivary gland cancer	15	IL10RB-AS1	0.434622154
salivary gland cancer	16	LINC00477	0.420521889
salivary gland cancer	17	LMCD1-AS1	0.414016811
salivary gland cancer	18	TEX41	0.397914532
salivary gland cancer	19	PSMB8-AS1	0.394318242
salivary gland cancer	20	DSCR9	0.390451491
salivary gland cancer	21	LINC01098	0.388812716
salivary gland cancer	22	GATA3-AS1	0.388564188
salivary gland cancer	23	LINC01531	0.370712572
salivary gland cancer	24	HPN-AS1	0.365864077
salivary gland cancer	25	ATE1-AS1	0.338373336
salivary gland cancer	26	KCTD21-AS1	0.335273735
salivary gland cancer	27	LINC00336	0.335013594
salivary gland cancer	28	LINC00942	0.321200812
salivary gland cancer	29	LINC00922	0.312354296
salivary gland cancer	30	ABALON	0.309672886
lupus erythematosus	1	GAS5	0.980060998
lupus erythematosus	2	LINC01081	0.973609924
lupus erythematosus	3	RAD51-AS1	0.922050737
lupus erythematosus	4	HAS2-AS1	0.858917674
lupus erythematosus	5	DSCR9	0.849419758
lupus erythematosus	6	LINC00922	0.796418705
lupus erythematosus	7	LINC01588	0.737821913
lupus erythematosus	8	JAZF1-AS1	0.69231369
lupus erythematosus	9	SERTAD4-AS1	0.690075903
lupus erythematosus	10	LINC00856	0.644003056
lupus erythematosus	11	ADORA2A-AS1	0.576996009
lupus erythematosus	12	NCAM1-AS1	0.551380792
lupus erythematosus	13	LINC01387	0.548166708
lupus erythematosus	14	NFIA-AS1	0.436179507
lupus erythematosus	15	LMCD1-AS1	0.415396655
lupus erythematosus	16	PARD6G-AS1	0.406736555
lupus erythematosus	17	IL10RB-AS1	0.342763834
lupus erythematosus	18	MIR4435-2HG	0.315044409
lupus erythematosus	19	LINC00477	0.312319026
lupus erythematosus	20	TEX41	0.307810572
lupus erythematosus	21	GATA3-AS1	0.28986312

lupus erythematosus	22	PSMB8-AS1	0.279078282
lupus erythematosus	23	LINC01531	0.260696514
lupus erythematosus	24	MIR22HG	0.259028264
lupus erythematosus	25	HPN-AS1	0.254128795
lupus erythematosus	26	KCTD21-AS1	0.251574011
lupus erythematosus	27	LINC01098	0.230521106
lupus erythematosus	28	ATE1-AS1	0.22590845
lupus erythematosus	29	LINC00942	0.224451337
lupus erythematosus	30	LINC00336	0.196856209
psoriasis	1	HCP5	0.776188814
psoriasis	2	PSORS1C3	0.685122604
psoriasis	3	GHRLOS	0.618615867
psoriasis	4	LINC01081	0.588900178
psoriasis	5	RAD51-AS1	0.578400321
psoriasis	6	LINC00315	0.569721637
psoriasis	7	MIR4435-2HG	0.568956209
psoriasis	8	NFIA-AS1	0.558106977
psoriasis	9	COL18A1-AS1	0.554666117
psoriasis	10	TDRG1	0.508251549
psoriasis	11	NCRUPAR	0.471547378
psoriasis	12	CAHM	0.449836994
psoriasis	13	LINC-ROR	0.448886506
psoriasis	14	LINC00467	0.445520115
psoriasis	15	EGOT	0.425712213
psoriasis	16	LINC00687	0.421490291
psoriasis	17	LINC00974	0.420260441
psoriasis	18	DBH-AS1	0.414186224
psoriasis	19	MIR194-2HG	0.41219186
psoriasis	20	LINC00602	0.39378674
psoriasis	21	HCCAT5	0.388929211
psoriasis	22	CYTOR	0.388082176
psoriasis	23	LINC00963	0.385301591
psoriasis	24	LUCAT1	0.381905724
psoriasis	25	PCAT5	0.379040952
psoriasis	26	C5orf66-AS2	0.377415844
psoriasis	27	BCAR4	0.372573176
psoriasis	28	ZNF667-AS1	0.372158166
psoriasis	29	MIR7-3HG	0.366728813
psoriasis	30	TRERNA1	0.365790045
skin melanoma	1	H19	0.830825714
skin melanoma	2	VLDLR-AS1	0.767461192
skin melanoma	3	OLMALINC	0.731670941
skin melanoma	4	LINC00319	0.662631488
skin melanoma	5	NCAM1-AS1	0.547258348
skin melanoma	6	JAZF1-AS1	0.422133993
skin melanoma	7	SERTAD4-AS1	0.412642169
skin melanoma	8	LINC00856	0.370766829

skin melanoma	9	LINC01387	0.340589191
skin melanoma	10	LINC00336	0.309833813
skin melanoma	11	LINC00942	0.288257591
skin melanoma	12	PARD6G-AS1	0.232399003
skin melanoma	13	IL10RB-AS1	0.226444966
skin melanoma	14	LMCD1-AS1	0.21438193
skin melanoma	15	LINC00477	0.208570621
skin melanoma	16	LINC01098	0.197424623
skin melanoma	17	LINC00922	0.188062349
skin melanoma	18	DSCR9	0.187187445
skin melanoma	19	TEX41	0.184122204
skin melanoma	20	KCTD21-AS1	0.163585163
skin melanoma	21	LINC01588	0.154985502
skin melanoma	22	PSMB8-AS1	0.154156284
skin melanoma	23	HPN-AS1	0.153890203
skin melanoma	24	ATE1-AS1	0.151271386
skin melanoma	25	GATA3-AS1	0.148207136
skin melanoma	26	LINC01531	0.147839
skin melanoma	27	LINC00315	0.140419043
skin melanoma	28	HELLPAR	0.138490351
skin melanoma	29	MIR137HG	0.137441392
skin melanoma	30	DSCR10	0.12806835
metal metabolism disorder	1	GNAS-AS1	0.731543066
metal metabolism disorder	2	H19	0.668482487
metal metabolism disorder	3	EGOT	0.641773559
metal metabolism disorder	4	LINC-ROR	0.625501116
metal metabolism disorder	5	LINC00602	0.541352387
metal metabolism disorder	6	LINC00974	0.538694876
metal metabolism disorder	7	LINC00687	0.520962121
metal metabolism disorder	8	MIR194-2HG	0.496192126
metal metabolism disorder	9	CYTOR	0.467541013
metal metabolism disorder	10	DBH-AS1	0.456940538
metal metabolism disorder	11	HCCAT5	0.455870814
metal metabolism disorder	12	LINC00261	0.424934843
metal metabolism disorder	13	BLACAT1	0.417613997
metal metabolism disorder	14	LINC00467	0.395325705
metal metabolism disorder	15	HCG4	0.367223765
metal metabolism disorder	16	PTCSC3	0.353007938
metal metabolism disorder	17	PTCSC2	0.347887524
metal metabolism disorder	18	CASC15	0.330459382
metal metabolism disorder	19	HAND2-AS1	0.317480323
metal metabolism disorder	20	MYCNOS	0.306899674
metal metabolism disorder	21	LINC-PINT	0.303715131
metal metabolism disorder	22	LUCAT1	0.302302585
metal metabolism disorder	23	MIR7-3HG	0.287013866
metal metabolism disorder	24	TRERNA1	0.266807072
metal metabolism disorder	25	NCRUPAR	0.237075973

metal metabolism disorder	26	CAHM	0.22868498
metal metabolism disorder	27	TDRG1	0.225207662
metal metabolism disorder	28	MIR99AHG	0.217959453
metal metabolism disorder	29	LMCD1-AS1	0.213491722
metal metabolism disorder	30	LINC00942	0.211767158
polycystic kidney disease	1	MIR17HG	0.868090685
polycystic kidney disease	2	LINC01081	0.864517563
polycystic kidney disease	3	HAS2-AS1	0.845487072
polycystic kidney disease	4	RAD51-AS1	0.804307068
polycystic kidney disease	5	LINC00942	0.769063091
polycystic kidney disease	6	LINC00477	0.738449905
polycystic kidney disease	7	SERTAD4-AS1	0.709020506
polycystic kidney disease	8	LINC00856	0.656642641
polycystic kidney disease	9	ADORA2A-AS1	0.647192946
polycystic kidney disease	10	TEX41	0.554479677
polycystic kidney disease	11	DSCR9	0.511185043
polycystic kidney disease	12	NCAM1-AS1	0.494127708
polycystic kidney disease	13	LINC01588	0.458029396
polycystic kidney disease	14	LMCD1-AS1	0.413643562
polycystic kidney disease	15	PARD6G-AS1	0.39578246
polycystic kidney disease	16	IL10RB-AS1	0.390091302
polycystic kidney disease	17	LINC01387	0.387100723
polycystic kidney disease	18	MIR4435-2HG	0.386458978
polycystic kidney disease	19	JAZF1-AS1	0.365036651
polycystic kidney disease	20	LINC00922	0.364708149
polycystic kidney disease	21	GATA3-AS1	0.364506219
polycystic kidney disease	22	LINC01531	0.350077748
polycystic kidney disease	23	HPN-AS1	0.34882422
polycystic kidney disease	24	LINC00336	0.328239861
polycystic kidney disease	25	MIR22HG	0.314877721
polycystic kidney disease	26	LINC01098	0.303739978
polycystic kidney disease	27	ATE1-AS1	0.295457125
polycystic kidney disease	28	PSMB8-AS1	0.288228396
polycystic kidney disease	29	KCTD21-AS1	0.286157323
polycystic kidney disease	30	NFIA-AS1	0.264780981
narcolepsy	1	LINC00163	0.690654713
narcolepsy	2	DIO3OS	0.584189719
narcolepsy	3	ADORA2A-AS1	0.444607495
narcolepsy	4	APTR	0.43050744
narcolepsy	5	COL18A1-AS1	0.426690909
narcolepsy	6	NFIA-AS1	0.415235174
narcolepsy	7	MIR4435-2HG	0.39665296
narcolepsy	8	ABALON	0.393682437
narcolepsy	9	LINC00479	0.364217694
narcolepsy	10	PARTICL	0.354288716
narcolepsy	11	GNG12-AS1	0.347770423
narcolepsy	12	FALEC	0.340529627

narcolepsy	13	HAS2-AS1	0.325539888
narcolepsy	14	MIR22HG	0.32216382
narcolepsy	15	GHRLOS	0.317872057
narcolepsy	16	HELLPAR	0.316953797
narcolepsy	17	TTY4	0.314748713
narcolepsy	18	LINC01081	0.313032135
narcolepsy	19	CARMN	0.312528748
narcolepsy	20	RAD51-AS1	0.311242261
narcolepsy	21	LINC00273	0.289432029
narcolepsy	22	COPG2IT1	0.288145842
narcolepsy	23	LINC00293	0.258232619
narcolepsy	24	LINC01587	0.251069179
narcolepsy	25	PWAR5	0.244937918
narcolepsy	26	LINC00575	0.244047791
narcolepsy	27	XACT	0.243474658
narcolepsy	28	TTY2	0.242229543
narcolepsy	29	MIR181A1HG	0.239261899
narcolepsy	30	ZNF667-AS1	0.238311952
polycythemia vera	1	H19	0.960095063
polycythemia vera	2	LINC01081	0.892198083
polycythemia vera	3	RAD51-AS1	0.76771107
polycythemia vera	4	HAS2-AS1	0.707446135
polycythemia vera	5	LINC00336	0.698233777
polycythemia vera	6	MIR22HG	0.612199731
polycythemia vera	7	NCAM1-AS1	0.590613319
polycythemia vera	8	PARD6G-AS1	0.558984403
polycythemia vera	9	LINC00922	0.48955027
polycythemia vera	10	ADORA2A-AS1	0.457465724
polycythemia vera	11	NFIA-AS1	0.403518166
polycythemia vera	12	JAZF1-AS1	0.396147307
polycythemia vera	13	SERTAD4-AS1	0.383538375
polycythemia vera	14	LINC00856	0.325552777
polycythemia vera	15	LMCD1-AS1	0.296008031
polycythemia vera	16	IL10RB-AS1	0.292678008
polycythemia vera	17	TEX41	0.240316921
polycythemia vera	18	MIR4435-2HG	0.22892892
polycythemia vera	19	LINC00477	0.224115499
polycythemia vera	20	LINC01098	0.220815933
polycythemia vera	21	GATA3-AS1	0.208594748
polycythemia vera	22	LINC01531	0.207979608
polycythemia vera	23	HPN-AS1	0.203973203
polycythemia vera	24	LINC00942	0.199771237
polycythemia vera	25	ATE1-AS1	0.19034377
polycythemia vera	26	KCTD21-AS1	0.180539531
polycythemia vera	27	PSMB8-AS1	0.178888424
polycythemia vera	28	LINC01387	0.162707739
polycythemia vera	29	DSCR9	0.16152856



polycythemia vera	30	LINC01588	0.153042587
parotid gland cancer	1	BCYRN1	0.796099883
parotid gland cancer	2	VLDLR-AS1	0.686562675
parotid gland cancer	3	OLMALINC	0.668533455
parotid gland cancer	4	LMCD1-AS1	0.635215693
parotid gland cancer	5	PSMB8-AS1	0.630817687
parotid gland cancer	6	LINC01387	0.533334507
parotid gland cancer	7	TEX41	0.474698539
parotid gland cancer	8	LINC00477	0.470718669
parotid gland cancer	9	LINC01098	0.455912721
parotid gland cancer	10	LINC00856	0.441446467
parotid gland cancer	11	LINC00922	0.419949192
parotid gland cancer	12	IL10RB-AS1	0.414408842
parotid gland cancer	13	NCAM1-AS1	0.412900462
parotid gland cancer	14	DSCR9	0.408499939
parotid gland cancer	15	KCTD21-AS1	0.407008545
parotid gland cancer	16	LINC00336	0.404351723
parotid gland cancer	17	SERTAD4-AS1	0.400642832
parotid gland cancer	18	ATE1-AS1	0.400431799
parotid gland cancer	19	PARD6G-AS1	0.397593602
parotid gland cancer	20	LINC00942	0.394989875
parotid gland cancer	21	JAZF1-AS1	0.386590724
parotid gland cancer	22	HPN-AS1	0.382810876
parotid gland cancer	23	LINC01531	0.369935212
parotid gland cancer	24	GATA3-AS1	0.367113757
parotid gland cancer	25	LINC01588	0.353989929
parotid gland cancer	26	HAS2-AS1	0.352194226
parotid gland cancer	27	MIR4435-2HG	0.345728902
parotid gland cancer	28	NFIA-AS1	0.340549885
parotid gland cancer	29	ABALON	0.322763062
parotid gland cancer	30	NBR2	0.31849599
systemic lupus erythematosus	1	HCP5	0.970620541
systemic lupus erythematosus	2	GAS5	0.960677368
systemic lupus erythematosus	3	LINC01081	0.944278253
systemic lupus erythematosus	4	HAS2-AS1	0.940959985
systemic lupus erythematosus	5	RAD51-AS1	0.861325162
systemic lupus erythematosus	6	NCAM1-AS1	0.797523745
systemic lupus erythematosus	7	MIR22HG	0.753035769
systemic lupus erythematosus	8	LMCD1-AS1	0.669866683
systemic lupus erythematosus	9	IL10RB-AS1	0.636440248
systemic lupus erythematosus	10	PARD6G-AS1	0.57124453
systemic lupus erythematosus	11	LINC00922	0.549270761
systemic lupus erythematosus	12	NFIA-AS1	0.53656789
systemic lupus erythematosus	13	JAZF1-AS1	0.53292313
systemic lupus erythematosus	14	SERTAD4-AS1	0.497574049
systemic lupus erythematosus	15	ADORA2A-AS1	0.453110743
systemic lupus erythematosus	16	LINC01387	0.411380068

systemic lupus erythematosus	17	LINC00856	0.407186333
systemic lupus erythematosus	18	LINC01588	0.403751649
systemic lupus erythematosus	19	LINC00336	0.363488222
systemic lupus erythematosus	20	LINC00942	0.354289498
systemic lupus erythematosus	21	LINC01098	0.350428542
systemic lupus erythematosus	22	LINC00477	0.347759506
systemic lupus erythematosus	23	PSMB8-AS1	0.335896001
systemic lupus erythematosus	24	TEX41	0.31326266
systemic lupus erythematosus	25	HPN-AS1	0.308547762
systemic lupus erythematosus	26	KCTD21-AS1	0.302710641
systemic lupus erythematosus	27	LINC01531	0.289117114
systemic lupus erythematosus	28	DSCR9	0.275218749
systemic lupus erythematosus	29	GATA3-AS1	0.268626067
systemic lupus erythematosus	30	MIR4435-2HG	0.263920351
acute myeloid leukemia	1	NEAT1	0.998598841
acute myeloid leukemia	2	CCAT1	0.994112189
acute myeloid leukemia	3	MEG3	0.994010163
acute myeloid leukemia	4	PVT1	0.982839892
acute myeloid leukemia	5	HOTAIR	0.954202407
acute myeloid leukemia	6	UCA1	0.953632893
acute myeloid leukemia	7	PSORS1C3	0.951147157
acute myeloid leukemia	8	HOTAIRM1	0.934699311
acute myeloid leukemia	9	WT1-AS	0.933271672
acute myeloid leukemia	10	CCDC26	0.91829605
acute myeloid leukemia	11	LINC00293	0.912975572
acute myeloid leukemia	12	LINC01184	0.911436739
acute myeloid leukemia	13	COL18A1-AS1	0.90956971
acute myeloid leukemia	14	ADORA2A-AS1	0.906643014
acute myeloid leukemia	15	COPG2IT1	0.893800919
acute myeloid leukemia	16	GHRLOS	0.88029638
acute myeloid leukemia	17	TTY2	0.819190745
acute myeloid leukemia	18	HELLPAR	0.807002825
acute myeloid leukemia	19	CARMN	0.792712641
acute myeloid leukemia	20	FMR1-AS1	0.791591713
acute myeloid leukemia	21	PWRN1	0.791105064
acute myeloid leukemia	22	LINC01587	0.775350413
acute myeloid leukemia	23	PWAR5	0.729432915
acute myeloid leukemia	24	RAD51-AS1	0.727635109
acute myeloid leukemia	25	XACT	0.713355097
acute myeloid leukemia	26	LINC00575	0.693939536
acute myeloid leukemia	27	NUP50-AS1	0.641658542
acute myeloid leukemia	28	LINC00273	0.629673529
acute myeloid leukemia	29	APTR	0.627568932
acute myeloid leukemia	30	TTY4	0.623352572
amyloidosis	1	PCA3	0.786341231
amyloidosis	2	PCGEM1	0.670692115
amyloidosis	3	LINC01081	0.635719918

amyloidosis	4	HAS2-AS1	0.624363091
amyloidosis	5	RAD51-AS1	0.563877655
amyloidosis	6	ADORA2A-AS1	0.554479366
amyloidosis	7	MIR22HG	0.549797761
amyloidosis	8	MIR4435-2HG	0.54666241
amyloidosis	9	NFIA-AS1	0.533993526
amyloidosis	10	GHRLOS	0.519664592
amyloidosis	11	LINC00315	0.500241961
amyloidosis	12	COL18A1-AS1	0.496639489
amyloidosis	13	PARTICL	0.486304709
amyloidosis	14	PWAR5	0.476803228
amyloidosis	15	NBR2	0.474475195
amyloidosis	16	NUP50-AS1	0.47342293
amyloidosis	17	LINC00922	0.465961931
amyloidosis	18	LMCD1-AS1	0.462814404
amyloidosis	19	IL10RB-AS1	0.447320303
amyloidosis	20	DSCR9	0.43986901
amyloidosis	21	NCAM1-AS1	0.436591164
amyloidosis	22	LINC00477	0.435048251
amyloidosis	23	LINC01588	0.42610463
amyloidosis	24	SERTAD4-AS1	0.403024549
amyloidosis	25	PSMB8-AS1	0.400299586
amyloidosis	26	LINC01387	0.395559946
amyloidosis	27	LINC01098	0.393323968
amyloidosis	28	LINC00336	0.392459784
amyloidosis	29	JAZF1-AS1	0.385209248
amyloidosis	30	KCTD21-AS1	0.382446643
Barrett's esophagus	1	LINC01081	0.864062894
Barrett's esophagus	2	HAS2-AS1	0.77827302
Barrett's esophagus	3	RAD51-AS1	0.69515151
Barrett's esophagus	4	LINC00922	0.680718126
Barrett's esophagus	5	TEX41	0.673126276
Barrett's esophagus	6	JAZF1-AS1	0.643923416
Barrett's esophagus	7	SERTAD4-AS1	0.643178235
Barrett's esophagus	8	LINC00856	0.619788912
Barrett's esophagus	9	DSCR9	0.571370472
Barrett's esophagus	10	LINC00336	0.502957813
Barrett's esophagus	11	ADORA2A-AS1	0.471982185
Barrett's esophagus	12	NCAM1-AS1	0.460841136
Barrett's esophagus	13	LINC01588	0.431089488
Barrett's esophagus	14	PARD6G-AS1	0.406089731
Barrett's esophagus	15	LMCD1-AS1	0.321399696
Barrett's esophagus	16	LINC01387	0.287397682
Barrett's esophagus	17	NFIA-AS1	0.277193017
Barrett's esophagus	18	LINC00477	0.275931981
Barrett's esophagus	19	LINC00942	0.254907153
Barrett's esophagus	20	LINC01098	0.251939958

Barrett's esophagus	21	GATA3-AS1	0.251091386
Barrett's esophagus	22	LINC01531	0.221436136
Barrett's esophagus	23	HPN-AS1	0.220329776
Barrett's esophagus	24	ATE1-AS1	0.21737653
Barrett's esophagus	25	MIR4435-2HG	0.210623206
Barrett's esophagus	26	KCTD21-AS1	0.206398885
Barrett's esophagus	27	MIR22HG	0.204527882
Barrett's esophagus	28	IL10RB-AS1	0.189107183
Barrett's esophagus	29	PSMB8-AS1	0.186575661
Barrett's esophagus	30	HELLPAR	0.185003054
amino acid metabolic disorder	1	MIR503HG	0.770259289
amino acid metabolic disorder	2	LINC00629	0.708311811
amino acid metabolic disorder	3	NCAM1-AS1	0.652533927
amino acid metabolic disorder	4	LINC00922	0.604051296
amino acid metabolic disorder	5	LINC00336	0.574743222
amino acid metabolic disorder	6	LINC00477	0.569876276
amino acid metabolic disorder	7	PARD6G-AS1	0.524157876
amino acid metabolic disorder	8	PSMB8-AS1	0.477788956
amino acid metabolic disorder	9	DSCR9	0.442766362
amino acid metabolic disorder	10	LMCD1-AS1	0.38908315
amino acid metabolic disorder	11	LINC00856	0.386768623
amino acid metabolic disorder	12	LINC01588	0.380503586
amino acid metabolic disorder	13	LINC01098	0.376039958
amino acid metabolic disorder	14	TEX41	0.331156693
amino acid metabolic disorder	15	IL10RB-AS1	0.324177744
amino acid metabolic disorder	16	LINC00942	0.313933712
amino acid metabolic disorder	17	LINC01387	0.31081093
amino acid metabolic disorder	18	GATA3-AS1	0.299358035
amino acid metabolic disorder	19	LINC01531	0.294924024
amino acid metabolic disorder	20	HPN-AS1	0.284066337
amino acid metabolic disorder	21	JAZF1-AS1	0.27230096
amino acid metabolic disorder	22	KCTD21-AS1	0.266279127
amino acid metabolic disorder	23	ATE1-AS1	0.235524083
amino acid metabolic disorder	24	SERTAD4-AS1	0.231344466
amino acid metabolic disorder	25	DBH-AS1	0.215497708
amino acid metabolic disorder	26	CYTOR	0.192682718
amino acid metabolic disorder	27	LINC00974	0.179084425
amino acid metabolic disorder	28	LINC00687	0.173645454
amino acid metabolic disorder	29	MIR194-2HG	0.165006568
amino acid metabolic disorder	30	EGOT	0.15824289
gastrointestinal stromal tumor	1	HOTAIR	0.901912034
gastrointestinal stromal tumor	2	ADORA2A-AS1	0.810018931
gastrointestinal stromal tumor	3	ABALON	0.726229877
gastrointestinal stromal tumor	4	HAS2-AS1	0.638532702
gastrointestinal stromal tumor	5	MIR4435-2HG	0.551378762
gastrointestinal stromal tumor	6	VLDLR-AS1	0.489598301
gastrointestinal stromal tumor	7	OLMALINC	0.454556771

gastrointestinal stromal tumor	8	NBR2	0.454520217
gastrointestinal stromal tumor	9	PEG3-AS1	0.446055023
gastrointestinal stromal tumor	10	LINC00479	0.44181428
gastrointestinal stromal tumor	11	PARTICL	0.418031203
gastrointestinal stromal tumor	12	NFIA-AS1	0.417347401
gastrointestinal stromal tumor	13	GHRLOS	0.416954326
gastrointestinal stromal tumor	14	TTY4	0.413264313
gastrointestinal stromal tumor	15	APTR	0.413254798
gastrointestinal stromal tumor	16	LINC01587	0.408469322
gastrointestinal stromal tumor	17	LINC01081	0.402954663
gastrointestinal stromal tumor	18	DIO3OS	0.401805626
gastrointestinal stromal tumor	19	GPR1-AS	0.39733859
gastrointestinal stromal tumor	20	LINC00319	0.395318786
gastrointestinal stromal tumor	21	RAD51-AS1	0.39367083
gastrointestinal stromal tumor	22	MHRT	0.392345465
gastrointestinal stromal tumor	23	FMR1-AS1	0.379982683
gastrointestinal stromal tumor	24	GNG12-AS1	0.377561785
gastrointestinal stromal tumor	25	FBXW7-AS1	0.372286632
gastrointestinal stromal tumor	26	MIR137HG	0.368621298
gastrointestinal stromal tumor	27	DSCR10	0.366228324
gastrointestinal stromal tumor	28	HOTAIRM1	0.356124033
gastrointestinal stromal tumor	29	LINC00575	0.352818181
gastrointestinal stromal tumor	30	MEG8	0.351998263
colorectal cancer	1	AFAP1-AS1	0.998154608
colorectal cancer	2	NEAT1	0.99773973
colorectal cancer	3	MEG3	0.997361913
colorectal cancer	4	HOTAIR	0.996154608
colorectal cancer	5	LSINCT5	0.992892063
colorectal cancer	6	GHET1	0.991219455
colorectal cancer	7	BANCR	0.990987947
colorectal cancer	8	KCNQ1OT1	0.98640065
colorectal cancer	9	CRNDE	0.985832405
colorectal cancer	10	MALAT1	0.985613478
colorectal cancer	11	TUG1	0.984029937
colorectal cancer	12	CASC2	0.983753526
colorectal cancer	13	GAS5	0.978265841
colorectal cancer	14	SNHG4	0.977934299
colorectal cancer	15	CCAT2	0.96644617
colorectal cancer	16	HOTAIRM1	0.962545723
colorectal cancer	17	CASC16	0.960512816
colorectal cancer	18	HULC	0.951766693
colorectal cancer	19	PRNCR1	0.942148212
colorectal cancer	20	UCA1	0.936940367
colorectal cancer	21	DANCR	0.932566307
colorectal cancer	22	TP53COR1	0.922161411
colorectal cancer	23	CASC8	0.920829523
colorectal cancer	24	PEG3-AS1	0.920808494

colorectal cancer	25	MIR181A1HG	0.914971842
colorectal cancer	26	APTR	0.911659261
colorectal cancer	27	DBET	0.90471215
colorectal cancer	28	HELLPAR	0.895693934
colorectal cancer	29	LINC00479	0.892626207
colorectal cancer	30	TTY2	0.892626207
nasopharynx carcinoma	1	LINC00312	0.996663516
nasopharynx carcinoma	2	MALAT1	0.996615854
nasopharynx carcinoma	3	LINC01081	0.991858876
nasopharynx carcinoma	4	HELLPAR	0.975287412
nasopharynx carcinoma	5	LINC00315	0.975168141
nasopharynx carcinoma	6	RAD51-AS1	0.965246311
nasopharynx carcinoma	7	APTR	0.962003371
nasopharynx carcinoma	8	NFIA-AS1	0.912450473
nasopharynx carcinoma	9	MIR22HG	0.898977629
nasopharynx carcinoma	10	ABALON	0.842844652
nasopharynx carcinoma	11	HAS2-AS1	0.818790501
nasopharynx carcinoma	12	JAZF1-AS1	0.794834993
nasopharynx carcinoma	13	LINC00922	0.793145557
nasopharynx carcinoma	14	PARD6G-AS1	0.774473849
nasopharynx carcinoma	15	GATA3-AS1	0.773442092
nasopharynx carcinoma	16	LINC00856	0.770505617
nasopharynx carcinoma	17	LINC00942	0.761242952
nasopharynx carcinoma	18	LINC01588	0.741841
nasopharynx carcinoma	19	SERTAD4-AS1	0.710570636
nasopharynx carcinoma	20	HPN-AS1	0.665093474
nasopharynx carcinoma	21	DSCR9	0.663901768
nasopharynx carcinoma	22	KCTD21-AS1	0.643598061
nasopharynx carcinoma	23	LINC00336	0.623452115
nasopharynx carcinoma	24	LMCD1-AS1	0.571233345
nasopharynx carcinoma	25	NCAM1-AS1	0.542913601
nasopharynx carcinoma	26	ATE1-AS1	0.47630879
nasopharynx carcinoma	27	LINC01387	0.453082608
nasopharynx carcinoma	28	LINC01098	0.448071787
nasopharynx carcinoma	29	TEX41	0.447322903
nasopharynx carcinoma	30	LINC01531	0.436682505
hyperhomocysteinemia	1	H19	0.887584382
hyperhomocysteinemia	2	LINC01081	0.807478407
hyperhomocysteinemia	3	RAD51-AS1	0.617529843
hyperhomocysteinemia	4	HAS2-AS1	0.605076443
hyperhomocysteinemia	5	LINC00942	0.579519181
hyperhomocysteinemia	6	JAZF1-AS1	0.457445492
hyperhomocysteinemia	7	ADORA2A-AS1	0.453643503
hyperhomocysteinemia	8	LINC00856	0.433321238
hyperhomocysteinemia	9	NFIA-AS1	0.422276125
hyperhomocysteinemia	10	LINC00922	0.390022282
hyperhomocysteinemia	11	PARD6G-AS1	0.343705945

hyperhomocysteinemia	12	IL10RB-AS1	0.276503096
hyperhomocysteinemia	13	LMCD1-AS1	0.264213647
hyperhomocysteinemia	14	MIR22HG	0.245551919
hyperhomocysteinemia	15	NCAM1-AS1	0.24188213
hyperhomocysteinemia	16	LINC00336	0.235348396
hyperhomocysteinemia	17	HPN-AS1	0.230607876
hyperhomocysteinemia	18	SERTAD4-AS1	0.228884735
hyperhomocysteinemia	19	TEX41	0.224557945
hyperhomocysteinemia	20	GATA3-AS1	0.196338233
hyperhomocysteinemia	21	LINC01387	0.194352276
hyperhomocysteinemia	22	LINC01588	0.193468051
hyperhomocysteinemia	23	PSMB8-AS1	0.183789809
hyperhomocysteinemia	24	DSCR9	0.179722819
hyperhomocysteinemia	25	LINC01531	0.171433875
hyperhomocysteinemia	26	KCTD21-AS1	0.168562095
hyperhomocysteinemia	27	ATE1-AS1	0.157510673
hyperhomocysteinemia	28	LINC01098	0.153790501
hyperhomocysteinemia	29	LINC00477	0.148737758
hyperhomocysteinemia	30	MIR4435-2HG	0.148479283
cleft lip	1	PVT1	0.915651586
cleft lip	2	LINC01081	0.879414743
cleft lip	3	RAD51-AS1	0.785648333
cleft lip	4	HAS2-AS1	0.641794303
cleft lip	5	PARD6G-AS1	0.609043426
cleft lip	6	IL10RB-AS1	0.559858139
cleft lip	7	LMCD1-AS1	0.553494952
cleft lip	8	LINC01387	0.534811948
cleft lip	9	GATA3-AS1	0.440394719
cleft lip	10	NCAM1-AS1	0.3967122
cleft lip	11	LINC00856	0.380528287
cleft lip	12	DSCR9	0.358141296
cleft lip	13	SERTAD4-AS1	0.301692447
cleft lip	14	JAZF1-AS1	0.284930928
cleft lip	15	LINC01588	0.264261555
cleft lip	16	LINC00336	0.263736916
cleft lip	17	LINC01531	0.230350092
cleft lip	18	NFIA-AS1	0.220864214
cleft lip	19	ADORA2A-AS1	0.209809346
cleft lip	20	HPN-AS1	0.208486447
cleft lip	21	LINC01098	0.193177828
cleft lip	22	MIR22HG	0.178424127
cleft lip	23	TEX41	0.176745598
cleft lip	24	ATE1-AS1	0.175156791
cleft lip	25	LINC00942	0.15998201
cleft lip	26	KCTD21-AS1	0.157320007
cleft lip	27	LINC00477	0.140760499
cleft lip	28	PSMB8-AS1	0.135813521

cleft lip	29	MIR4435-2HG	0.123617933
cleft lip	30	LINC00922	0.123380081
viral infectious disease	1	GAS5	0.967684498
viral infectious disease	2	MIR17HG	0.939408987
viral infectious disease	3	ATXN8OS	0.936324358
viral infectious disease	4	NRON	0.900826137
viral infectious disease	5	HCP5	0.893472424
viral infectious disease	6	LINC00602	0.892674629
viral infectious disease	7	DBH-AS1	0.892510523
viral infectious disease	8	HCCAT5	0.87974514
viral infectious disease	9	MIR194-2HG	0.855388031
viral infectious disease	10	CYTOR	0.814722346
viral infectious disease	11	LINC00687	0.760062643
viral infectious disease	12	LINC00974	0.734560474
viral infectious disease	13	LINC01081	0.692066025
viral infectious disease	14	RAD51-AS1	0.683673663
viral infectious disease	15	HAS2-AS1	0.681072292
viral infectious disease	16	ADORA2A-AS1	0.679257911
viral infectious disease	17	NUP50-AS1	0.627365601
viral infectious disease	18	COL18A1-AS1	0.611698429
viral infectious disease	19	PARTICL	0.595463354
viral infectious disease	20	LINC00479	0.59158005
viral infectious disease	21	TRERNA1	0.590178523
viral infectious disease	22	MIR7-3HG	0.589730873
viral infectious disease	23	CADM3-AS1	0.588347199
viral infectious disease	24	LINC01387	0.583994912
viral infectious disease	25	SERTAD4-AS1	0.565409965
viral infectious disease	26	TEX41	0.564957774
viral infectious disease	27	JAZF1-AS1	0.553734265
viral infectious disease	28	PARD6G-AS1	0.552780541
viral infectious disease	29	LINC00942	0.544849266
viral infectious disease	30	LINC00336	0.54368593
diabetes mellitus	1	IGF2-AS	0.998052319
diabetes mellitus	2	PVT1	0.998004657
diabetes mellitus	3	LINC00271	0.981310995
diabetes mellitus	4	MEG3	0.951416652
diabetes mellitus	5	CDKN2B-AS1	0.92717098
diabetes mellitus	6	MALAT1	0.893248045
diabetes mellitus	7	HYMAI	0.889028427
diabetes mellitus	8	LINC01081	0.793161176
diabetes mellitus	9	HAS2-AS1	0.792164497
diabetes mellitus	10	RAD51-AS1	0.77224246
diabetes mellitus	11	MIR4435-2HG	0.768475218
diabetes mellitus	12	ADORA2A-AS1	0.75359891
diabetes mellitus	13	NFIA-AS1	0.717242795
diabetes mellitus	14	PARTICL	0.708032097
diabetes mellitus	15	LINC00315	0.690334605



diabetes mellitus	16	GHRLOS	0.689325473
diabetes mellitus	17	COL18A1-AS1	0.682174315
diabetes mellitus	18	NUP50-AS1	0.675924974
diabetes mellitus	19	TTY2	0.66265313
diabetes mellitus	20	LINC00293	0.658095776
diabetes mellitus	21	CARMN	0.64572895
diabetes mellitus	22	NBR2	0.633661373
diabetes mellitus	23	ZNF667-AS1	0.625363292
diabetes mellitus	24	COPG2IT1	0.602091019
diabetes mellitus	25	MIR22HG	0.592373834
diabetes mellitus	26	LINC00856	0.569148628
diabetes mellitus	27	JAZF1-AS1	0.561135952
diabetes mellitus	28	TEX41	0.554997576
diabetes mellitus	29	LINC00922	0.550930358
diabetes mellitus	30	LINC00942	0.542505634
type 2 diabetes mellitus	1	MEG3	0.993666025
type 2 diabetes mellitus	2	LINC00271	0.991274718
type 2 diabetes mellitus	3	PVT1	0.954980062
type 2 diabetes mellitus	4	CDKN2B-AS1	0.916214847
type 2 diabetes mellitus	5	FAM83H-AS1	0.878177467
type 2 diabetes mellitus	6	TARID	0.798017041
type 2 diabetes mellitus	7	LINC00963	0.782129272
type 2 diabetes mellitus	8	PCAT5	0.730875038
type 2 diabetes mellitus	9	LINC01024	0.717561806
type 2 diabetes mellitus	10	CDR1-AS	0.693955156
type 2 diabetes mellitus	11	LUCAT1	0.675364151
type 2 diabetes mellitus	12	NCRUPAR	0.632323119
type 2 diabetes mellitus	13	CAHM	0.61253928
type 2 diabetes mellitus	14	C5orf66-AS2	0.607233288
type 2 diabetes mellitus	15	LINC00261	0.599712143
type 2 diabetes mellitus	16	BCAR4	0.569467056
type 2 diabetes mellitus	17	BLACAT1	0.565738666
type 2 diabetes mellitus	18	TUSC8	0.560724428
type 2 diabetes mellitus	19	MINCR	0.544770199
type 2 diabetes mellitus	20	TRERNA1	0.544003999
type 2 diabetes mellitus	21	MIR7-3HG	0.523278911
type 2 diabetes mellitus	22	IL10RB-AS1	0.510319144
type 2 diabetes mellitus	23	PARD6G-AS1	0.492072612
type 2 diabetes mellitus	24	TEX41	0.474001402
type 2 diabetes mellitus	25	LINC01588	0.465528362
type 2 diabetes mellitus	26	LMCD1-AS1	0.452074875
type 2 diabetes mellitus	27	SERTAD4-AS1	0.449354451
type 2 diabetes mellitus	28	JAZF1-AS1	0.447745152
type 2 diabetes mellitus	29	LINC00922	0.446876752
type 2 diabetes mellitus	30	DSCR9	0.432543239
acute myocardial infarction	1	KCNQ1OT1	0.856274134
acute myocardial infarction	2	LINC01081	0.784046203

acute myocardial infarction	3	HAS2-AS1	0.710264762
acute myocardial infarction	4	RAD51-AS1	0.678963492
acute myocardial infarction	5	NCAM1-AS1	0.676678893
acute myocardial infarction	6	LINC00922	0.650363596
acute myocardial infarction	7	LMCD1-AS1	0.632467871
acute myocardial infarction	8	PARD6G-AS1	0.577413245
acute myocardial infarction	9	IL10RB-AS1	0.570529642
acute myocardial infarction	10	NFIA-AS1	0.545274327
acute myocardial infarction	11	LINC01387	0.522707484
acute myocardial infarction	12	ADORA2A-AS1	0.518574598
acute myocardial infarction	13	LINC00856	0.518286992
acute myocardial infarction	14	SERTAD4-AS1	0.46039875
acute myocardial infarction	15	JAZF1-AS1	0.442490112
acute myocardial infarction	16	LINC01588	0.43468693
acute myocardial infarction	17	DSCR9	0.40926709
acute myocardial infarction	18	MIR22HG	0.35698613
acute myocardial infarction	19	LINC00336	0.319867798
acute myocardial infarction	20	TEX41	0.28074683
acute myocardial infarction	21	GATA3-AS1	0.263835754
acute myocardial infarction	22	LINC01531	0.241865787
acute myocardial infarction	23	HPN-AS1	0.234374217
acute myocardial infarction	24	LINC00942	0.224175609
acute myocardial infarction	25	ATE1-AS1	0.212796553
acute myocardial infarction	26	LINC00477	0.19357645
acute myocardial infarction	27	LINC01098	0.170673412
acute myocardial infarction	28	KCTD21-AS1	0.168401936
acute myocardial infarction	29	PSMB8-AS1	0.168133616
acute myocardial infarction	30	MIR4435-2HG	0.165567346
leukocyte disease	1	H19	0.901268601
leukocyte disease	2	LINC01081	0.897735344
leukocyte disease	3	HAS2-AS1	0.85930324
leukocyte disease	4	RAD51-AS1	0.754881527
leukocyte disease	5	SERTAD4-AS1	0.727047717
leukocyte disease	6	LINC00336	0.719099713
leukocyte disease	7	MIR22HG	0.709737381
leukocyte disease	8	PARD6G-AS1	0.575321221
leukocyte disease	9	JAZF1-AS1	0.551014549
leukocyte disease	10	NCAM1-AS1	0.546229743
leukocyte disease	11	NFIA-AS1	0.470117898
leukocyte disease	12	TEX41	0.461866931
leukocyte disease	13	DSCR9	0.415404944
leukocyte disease	14	ADORA2A-AS1	0.371814039
leukocyte disease	15	LINC01098	0.365821621
leukocyte disease	16	LMCD1-AS1	0.339299116
leukocyte disease	17	LINC01588	0.336172547
leukocyte disease	18	MIR4435-2HG	0.319741174
leukocyte disease	19	LINC00922	0.2999173

leukocyte disease	20	PSMB8-AS1	0.295302451
leukocyte disease	21	LINC01387	0.293005896
leukocyte disease	22	KCTD21-AS1	0.27898391
leukocyte disease	23	ATE1-AS1	0.269499343
leukocyte disease	24	LINC00856	0.232160702
leukocyte disease	25	LINC00942	0.224760719
leukocyte disease	26	HPN-AS1	0.222902208
leukocyte disease	27	LINC01531	0.217399187
leukocyte disease	28	GATA3-AS1	0.210800299
leukocyte disease	29	LINC00477	0.208199461
leukocyte disease	30	IL10RB-AS1	0.195744266
multiple myeloma	1	MALAT1	0.998074573
multiple myeloma	2	TUG1	0.998026911
multiple myeloma	3	GAS5	0.997672144
multiple myeloma	4	PVT1	0.979697576
multiple myeloma	5	LINC01081	0.9727348
multiple myeloma	6	HELLPAR	0.951830879
multiple myeloma	7	RAD51-AS1	0.939317437
multiple myeloma	8	HAS2-AS1	0.915961504
multiple myeloma	9	MIR4435-2HG	0.906058211
multiple myeloma	10	ADORA2A-AS1	0.855020483
multiple myeloma	11	ABALON	0.854931604
multiple myeloma	12	NFIA-AS1	0.834679965
multiple myeloma	13	APTR	0.821345593
multiple myeloma	14	MIR22HG	0.814488179
multiple myeloma	15	DSCR9	0.773196492
multiple myeloma	16	IL10RB-AS1	0.748012984
multiple myeloma	17	NCAM1-AS1	0.707157245
multiple myeloma	18	LINC00856	0.700982285
multiple myeloma	19	LINC01588	0.623452468
multiple myeloma	20	LMCD1-AS1	0.615584291
multiple myeloma	21	LINC01387	0.548776587
multiple myeloma	22	LINC00477	0.516533445
multiple myeloma	23	PARD6G-AS1	0.488731703
multiple myeloma	24	LINC00942	0.457867102
multiple myeloma	25	GATA3-AS1	0.44678705
multiple myeloma	26	LINC01531	0.412866405
multiple myeloma	27	HPN-AS1	0.409717587
multiple myeloma	28	KCTD21-AS1	0.398449359
multiple myeloma	29	ATE1-AS1	0.366326502
multiple myeloma	30	PSMB8-AS1	0.359496931
neurofibroma	1	CDKN2B-AS1	0.96490894
neurofibroma	2	VLDLR-AS1	0.880164213
neurofibroma	3	OLMALINC	0.874019265
neurofibroma	4	HAS2-AS1	0.66439147
neurofibroma	5	NFIA-AS1	0.610304791
neurofibroma	6	MIR4435-2HG	0.497121292

neurofibroma	7	ABALON	0.415835101
neurofibroma	8	NBR2	0.378325687
neurofibroma	9	APTR	0.373242993
neurofibroma	10	LINC00336	0.326202672
neurofibroma	11	TEX41	0.253440291
neurofibroma	12	LMCD1-AS1	0.24831664
neurofibroma	13	LINC01387	0.21520374
neurofibroma	14	DSCR9	0.176436365
neurofibroma	15	LINC01588	0.158089352
neurofibroma	16	IL10RB-AS1	0.153131662
neurofibroma	17	NCAM1-AS1	0.140732635
neurofibroma	18	PARD6G-AS1	0.139096322
neurofibroma	19	LINC00477	0.137878164
neurofibroma	20	LINC01098	0.13784277
neurofibroma	21	LINC00942	0.133989532
neurofibroma	22	LINC00856	0.13003163
neurofibroma	23	PSMB8-AS1	0.129196013
neurofibroma	24	GATA3-AS1	0.122932049
neurofibroma	25	LINC01531	0.118470012
neurofibroma	26	KCTD21-AS1	0.116448627
neurofibroma	27	LINC00922	0.114262426
neurofibroma	28	ATE1-AS1	0.110153379
neurofibroma	29	SERTAD4-AS1	0.093927752
neurofibroma	30	JAZF1-AS1	0.093745643
type 1 diabetes mellitus	1	PVT1	0.930640653
type 1 diabetes mellitus	2	IGF2-AS	0.917051629
type 1 diabetes mellitus	3	ADORA2A-AS1	0.914640653
type 1 diabetes mellitus	4	PCAT5	0.84242301
type 1 diabetes mellitus	5	LUCAT1	0.837396697
type 1 diabetes mellitus	6	LINC00963	0.781626979
type 1 diabetes mellitus	7	TUSC8	0.763523404
type 1 diabetes mellitus	8	NCRUPAR	0.757783479
type 1 diabetes mellitus	9	CAHM	0.744059093
type 1 diabetes mellitus	10	TRERNA1	0.731338246
type 1 diabetes mellitus	11	MIR7-3HG	0.730370222
type 1 diabetes mellitus	12	LINC-ROR	0.72851998
type 1 diabetes mellitus	13	MIR99AHG	0.722531991
type 1 diabetes mellitus	14	NUP50-AS1	0.722265447
type 1 diabetes mellitus	15	HAND2-AS1	0.710076827
type 1 diabetes mellitus	16	CASC15	0.687327188
type 1 diabetes mellitus	17	MYCNOS	0.65158899
type 1 diabetes mellitus	18	MIR4435-2HG	0.615766588
type 1 diabetes mellitus	19	SAMMSON	0.611588427
type 1 diabetes mellitus	20	LINC00032	0.608850149
type 1 diabetes mellitus	21	LINC00654	0.586529964
type 1 diabetes mellitus	22	GHRLOS	0.573502603
type 1 diabetes mellitus	23	LINC00467	0.573502603

type 1 diabetes mellitus	24	NPSR1-AS1	0.571249379
type 1 diabetes mellitus	25	TDRG1	0.565775052
type 1 diabetes mellitus	26	EGOT	0.554906018
type 1 diabetes mellitus	27	PARD6G-AS1	0.543026596
type 1 diabetes mellitus	28	LMCD1-AS1	0.542288844
type 1 diabetes mellitus	29	IL10RB-AS1	0.537970355
type 1 diabetes mellitus	30	LINC01387	0.531369174
refractive error	1	MIR100HG	0.845005543
refractive error	2	LINC01081	0.810973864
refractive error	3	HAS2-AS1	0.683195997
refractive error	4	RAD51-AS1	0.643646409
refractive error	5	MIR4435-2HG	0.630137442
refractive error	6	LINC00477	0.61809501
refractive error	7	DSCR9	0.616184417
refractive error	8	TEX41	0.614754592
refractive error	9	LINC00922	0.611146773
refractive error	10	NFIA-AS1	0.611018531
refractive error	11	LINC00856	0.604217073
refractive error	12	PARD6G-AS1	0.555907815
refractive error	13	NCAM1-AS1	0.55025423
refractive error	14	LINC00336	0.53484604
refractive error	15	IL10RB-AS1	0.527370112
refractive error	16	ADORA2A-AS1	0.516745256
refractive error	17	LINC01098	0.494488811
refractive error	18	LINC01387	0.485474502
refractive error	19	LINC01588	0.478016363
refractive error	20	MIR22HG	0.428831993
refractive error	21	PSMB8-AS1	0.373438272
refractive error	22	KCTD21-AS1	0.367478246
refractive error	23	ATE1-AS1	0.367102618
refractive error	24	SERTAD4-AS1	0.366222671
refractive error	25	JAZF1-AS1	0.363185554
refractive error	26	LINC00942	0.363185554
refractive error	27	HPN-AS1	0.338487562
refractive error	28	LINC01531	0.333646842
refractive error	29	GATA3-AS1	0.317363474
refractive error	30	LMCD1-AS1	0.316606639
alopecia	1	NEAT1	0.874416646
alopecia	2	LINC01081	0.871188823
alopecia	3	RAD51-AS1	0.846683314
alopecia	4	HAS2-AS1	0.773817365
alopecia	5	GATA3-AS1	0.767103029
alopecia	6	PARD6G-AS1	0.75325552
alopecia	7	NCAM1-AS1	0.746729599
alopecia	8	LMCD1-AS1	0.69338872
alopecia	9	IL10RB-AS1	0.651364593
alopecia	10	LINC01387	0.587399824

alopecia	11	HPN-AS1	0.583893098
alopecia	12	LINC00856	0.561356382
alopecia	13	SERTAD4-AS1	0.548691396
alopecia	14	JAZF1-AS1	0.535649811
alopecia	15	LINC00942	0.532377596
alopecia	16	ADORA2A-AS1	0.514226744
alopecia	17	LINC00477	0.484033574
alopecia	18	LINC01588	0.472619368
alopecia	19	DSCR9	0.408530612
alopecia	20	LINC00922	0.40484253
alopecia	21	NFIA-AS1	0.386887797
alopecia	22	LINC01531	0.308204589
alopecia	23	LINC01098	0.295814846
alopecia	24	MIR22HG	0.263419068
alopecia	25	TEX41	0.254199641
alopecia	26	ATE1-AS1	0.252049412
alopecia	27	MIR4435-2HG	0.24291254
alopecia	28	PSMB8-AS1	0.240097669
alopecia	29	LINC00336	0.223234377
alopecia	30	KCTD21-AS1	0.208848013
muscular dystrophy	1	LINCMD1	0.781122434
muscular dystrophy	2	DSCR9	0.727531855
muscular dystrophy	3	SERTAD4-AS1	0.723833903
muscular dystrophy	4	LINC01387	0.681498353
muscular dystrophy	5	LINC00336	0.659703725
muscular dystrophy	6	IL10RB-AS1	0.631242753
muscular dystrophy	7	LINC01098	0.624651262
muscular dystrophy	8	LMCD1-AS1	0.614394726
muscular dystrophy	9	NCAM1-AS1	0.61123411
muscular dystrophy	10	JAZF1-AS1	0.607920438
muscular dystrophy	11	LINC01588	0.592387557
muscular dystrophy	12	LINC00856	0.55677353
muscular dystrophy	13	LINC00942	0.547970331
muscular dystrophy	14	LINC00922	0.542313748
muscular dystrophy	15	PSMB8-AS1	0.538777287
muscular dystrophy	16	TEX41	0.528514612
muscular dystrophy	17	ATE1-AS1	0.524493297
muscular dystrophy	18	KCTD21-AS1	0.520126204
muscular dystrophy	19	PARD6G-AS1	0.511600266
muscular dystrophy	20	HPN-AS1	0.459463604
muscular dystrophy	21	LINC01531	0.434807361
muscular dystrophy	22	GATA3-AS1	0.400804945
muscular dystrophy	23	LINC00477	0.394897016
muscular dystrophy	24	LINC00467	0.392067092
muscular dystrophy	25	HELLPAR	0.381826307
muscular dystrophy	26	NFIA-AS1	0.377048396
muscular dystrophy	27	MIR4435-2HG	0.371986598

muscular dystrophy	28	HAS2-AS1	0.339782171
muscular dystrophy	29	PARTICL	0.328003334
muscular dystrophy	30	TTY15	0.327646298
lymph node disease	1	THRIL	0.88711156
lymph node disease	2	LINC01081	0.834169182
lymph node disease	3	HAS2-AS1	0.790011734
lymph node disease	4	RAD51-AS1	0.788879365
lymph node disease	5	MIR4435-2HG	0.741923114
lymph node disease	6	MIR22HG	0.709411902
lymph node disease	7	ADORA2A-AS1	0.675451162
lymph node disease	8	NFIA-AS1	0.662107088
lymph node disease	9	ABALON	0.633769837
lymph node disease	10	LINC01387	0.614706549
lymph node disease	11	TEX41	0.587969546
lymph node disease	12	DSCR9	0.527544712
lymph node disease	13	SERTAD4-AS1	0.471889481
lymph node disease	14	IL10RB-AS1	0.454501967
lymph node disease	15	JAZF1-AS1	0.44480887
lymph node disease	16	LMCD1-AS1	0.435226459
lymph node disease	17	PARD6G-AS1	0.413186897
lymph node disease	18	LINC01588	0.40570849
lymph node disease	19	LINC00922	0.403112927
lymph node disease	20	LINC00336	0.401039751
lymph node disease	21	NCAM1-AS1	0.392782463
lymph node disease	22	LINC00856	0.370244533
lymph node disease	23	LINC00477	0.368552743
lymph node disease	24	LINC00942	0.359215235
lymph node disease	25	LINC01098	0.353096171
lymph node disease	26	KCTD21-AS1	0.345583203
lymph node disease	27	HPN-AS1	0.334645903
lymph node disease	28	LINC01531	0.333113199
lymph node disease	29	GATA3-AS1	0.328912202
lymph node disease	30	PSMB8-AS1	0.319560692
acute lymphocytic leukemia	1	CDKN2B-AS1	0.970321988
acute lymphocytic leukemia	2	RAD51-AS1	0.936865376
acute lymphocytic leukemia	3	LINC00856	0.930197357
acute lymphocytic leukemia	4	SERTAD4-AS1	0.840478347
acute lymphocytic leukemia	5	JAZF1-AS1	0.838642678
acute lymphocytic leukemia	6	LINC00477	0.753987037
acute lymphocytic leukemia	7	LINC00942	0.648160668
acute lymphocytic leukemia	8	LMCD1-AS1	0.630120846
acute lymphocytic leukemia	9	LINC00922	0.616381841
acute lymphocytic leukemia	10	NCAM1-AS1	0.53268709
acute lymphocytic leukemia	11	PARD6G-AS1	0.46976045
acute lymphocytic leukemia	12	LINC01387	0.445445338
acute lymphocytic leukemia	13	PSMB8-AS1	0.402462208
acute lymphocytic leukemia	14	LINC01098	0.361860319

acute lymphocytic leukemia	15	IL10RB-AS1	0.360963834
acute lymphocytic leukemia	16	LINC00336	0.36017019
acute lymphocytic leukemia	17	GATA3-AS1	0.287201907
acute lymphocytic leukemia	18	LINC01531	0.263985252
acute lymphocytic leukemia	19	KCTD21-AS1	0.263463649
acute lymphocytic leukemia	20	ATE1-AS1	0.257195135
acute lymphocytic leukemia	21	TEX41	0.255301108
acute lymphocytic leukemia	22	DSCR9	0.236894026
acute lymphocytic leukemia	23	LINC01588	0.234855505
acute lymphocytic leukemia	24	HPN-AS1	0.211283482
acute lymphocytic leukemia	25	FALEC	0.205358917
acute lymphocytic leukemia	26	LINC00293	0.191847157
acute lymphocytic leukemia	27	ZNF667-AS1	0.185500008
acute lymphocytic leukemia	28	COPG2IT1	0.180354246
acute lymphocytic leukemia	29	LINC01587	0.178035933
acute lymphocytic leukemia	30	FMR1-AS1	0.159462235
obesity	1	H19	0.950909556
obesity	2	MCHR2-AS1	0.929970473
obesity	3	LINC00961	0.91466105
obesity	4	SNHG11	0.872048024
obesity	5	CDR1-AS	0.870598575
obesity	6	FAM83H-AS1	0.864387451
obesity	7	TARID	0.843291203
obesity	8	LINC01024	0.798694726
obesity	9	PCAT5	0.783752095
obesity	10	LINC00963	0.774423779
obesity	11	LUCAT1	0.745131414
obesity	12	BCAR4	0.728157086
obesity	13	C5orf66-AS2	0.723800035
obesity	14	LINC-PINT	0.680831306
obesity	15	TRERNA1	0.677767749
obesity	16	MIR7-3HG	0.648080558
obesity	17	TUSC8	0.633517901
obesity	18	NCRUPAR	0.63187857
obesity	19	CAHM	0.587561095
obesity	20	BLACAT1	0.574439781
obesity	21	LINC00261	0.569626108
obesity	22	LINC-ROR	0.566851327
obesity	23	TDRG1	0.56447572
obesity	24	SAMMSON	0.562643064
obesity	25	LINC00032	0.556536912
obesity	26	LINC00654	0.551313537
obesity	27	MINCR	0.542485467
obesity	28	MIR99AHG	0.540717951
obesity	29	SERTAD4-AS1	0.540329428
obesity	30	PARD6G-AS1	0.53942268
substance dependence	1	MEG3	0.886918112



substance dependence	2	LINC01081	0.729657824
substance dependence	3	RAD51-AS1	0.633492438
substance dependence	4	HAS2-AS1	0.614063949
substance dependence	5	ADORA2A-AS1	0.603042443
substance dependence	6	NFIA-AS1	0.567193925
substance dependence	7	MIR22HG	0.565723858
substance dependence	8	MIR4435-2HG	0.52206013
substance dependence	9	HELLPAR	0.45607948
substance dependence	10	ABALON	0.423256513
substance dependence	11	TEX41	0.402370885
substance dependence	12	PARD6G-AS1	0.377484983
substance dependence	13	LINC00477	0.352300987
substance dependence	14	LINC01387	0.346434537
substance dependence	15	IL10RB-AS1	0.343403885
substance dependence	16	NCAM1-AS1	0.321109299
substance dependence	17	DSCR9	0.320509205
substance dependence	18	LINC00856	0.294030941
substance dependence	19	LINC01588	0.286163713
substance dependence	20	SERTAD4-AS1	0.282656424
substance dependence	21	PSMB8-AS1	0.264213511
substance dependence	22	JAZF1-AS1	0.248101244
substance dependence	23	LINC00922	0.245701376
substance dependence	24	KCTD21-AS1	0.230769045
substance dependence	25	LINC00942	0.22965578
substance dependence	26	ATE1-AS1	0.219951994
substance dependence	27	LINC00336	0.192223717
substance dependence	28	HPN-AS1	0.185446829
substance dependence	29	LINC01531	0.175205057
substance dependence	30	GATA3-AS1	0.17286989
drug dependence	1	MIAT	0.867885396
drug dependence	2	LINC01081	0.850547639
drug dependence	3	RAD51-AS1	0.805948111
drug dependence	4	HAS2-AS1	0.737124233
drug dependence	5	LINC01387	0.653188629
drug dependence	6	NCAM1-AS1	0.648780122
drug dependence	7	IL10RB-AS1	0.636120878
drug dependence	8	PARD6G-AS1	0.623505212
drug dependence	9	NFIA-AS1	0.568370012
drug dependence	10	LINC01588	0.565504522
drug dependence	11	MIR22HG	0.495601979
drug dependence	12	LINC00856	0.48437123
drug dependence	13	SERTAD4-AS1	0.468775587
drug dependence	14	JAZF1-AS1	0.467462523
drug dependence	15	DSCR9	0.466574114
drug dependence	16	TEX41	0.453614698
drug dependence	17	LINC00922	0.450396549
drug dependence	18	ADORA2A-AS1	0.432881159

drug dependence	19	LINC00336	0.432830479
drug dependence	20	LMCD1-AS1	0.426269179
drug dependence	21	HPN-AS1	0.410209383
drug dependence	22	MIR4435-2HG	0.352337433
drug dependence	23	LINC01098	0.349823559
drug dependence	24	LINC00477	0.343087745
drug dependence	25	LINC00942	0.335855011
drug dependence	26	LINC01531	0.332911841
drug dependence	27	GATA3-AS1	0.326840098
drug dependence	28	ATE1-AS1	0.323465948
drug dependence	29	PSMB8-AS1	0.318225978
drug dependence	30	KCTD21-AS1	0.306913373
heroin dependence	1	MEG3	0.780967326
heroin dependence	2	LINC01081	0.770945104
heroin dependence	3	RAD51-AS1	0.670649215
heroin dependence	4	HAS2-AS1	0.632623677
heroin dependence	5	ADORA2A-AS1	0.605525392
heroin dependence	6	LINC01588	0.593971108
heroin dependence	7	NCAM1-AS1	0.58607812
heroin dependence	8	LINC00942	0.573745579
heroin dependence	9	LINC00922	0.57367761
heroin dependence	10	IL10RB-AS1	0.554400821
heroin dependence	11	DSCR9	0.544514024
heroin dependence	12	PARD6G-AS1	0.530259787
heroin dependence	13	NFIA-AS1	0.517985868
heroin dependence	14	JAZF1-AS1	0.506038895
heroin dependence	15	SERTAD4-AS1	0.504569092
heroin dependence	16	LINC01387	0.499473845
heroin dependence	17	LMCD1-AS1	0.497390205
heroin dependence	18	LINC00477	0.486232976
heroin dependence	19	LINC00856	0.482430903
heroin dependence	20	LINC01098	0.458494309
heroin dependence	21	GATA3-AS1	0.457352967
heroin dependence	22	LINC01531	0.451233796
heroin dependence	23	HPN-AS1	0.445190863
heroin dependence	24	ATE1-AS1	0.423343095
heroin dependence	25	TEX41	0.422536167
heroin dependence	26	LINC00336	0.422536167
heroin dependence	27	KCTD21-AS1	0.417557887
heroin dependence	28	MIR4435-2HG	0.413969489
heroin dependence	29	PSMB8-AS1	0.411352514
heroin dependence	30	HELLPAR	0.383577206
hypoglycemia	1	KCNQ1OT1	0.9076688
hypoglycemia	2	LINC01081	0.886850166
hypoglycemia	3	HAS2-AS1	0.869307853
hypoglycemia	4	RAD51-AS1	0.718886337
hypoglycemia	5	NFIA-AS1	0.708568049

hypoglycemia	6	PARD6G-AS1	0.69544906
hypoglycemia	7	NCAM1-AS1	0.690318949
hypoglycemia	8	LINC01588	0.642137367
hypoglycemia	9	DSCR9	0.58728726
hypoglycemia	10	LINC01387	0.56488747
hypoglycemia	11	TEX41	0.55571339
hypoglycemia	12	ADORA2A-AS1	0.522154226
hypoglycemia	13	LINC00477	0.514868136
hypoglycemia	14	IL10RB-AS1	0.505944917
hypoglycemia	15	MIR4435-2HG	0.475657502
hypoglycemia	16	LINC01098	0.456713105
hypoglycemia	17	SERTAD4-AS1	0.455070133
hypoglycemia	18	GATA3-AS1	0.450110913
hypoglycemia	19	LINC01531	0.445306421
hypoglycemia	20	HPN-AS1	0.406726668
hypoglycemia	21	MIR22HG	0.353687988
hypoglycemia	22	LINC00856	0.340318369
hypoglycemia	23	LINC00336	0.317331186
hypoglycemia	24	LMCD1-AS1	0.304741265
hypoglycemia	25	ATE1-AS1	0.292951888
hypoglycemia	26	KCTD21-AS1	0.290684215
hypoglycemia	27	LINC00942	0.28205829
hypoglycemia	28	PSMB8-AS1	0.266377879
hypoglycemia	29	LINC00922	0.26463461
hypoglycemia	30	JAZF1-AS1	0.26463461