

Table 1. Gepia

Index	TCGA	Type	Vital	Follow-up	FPKM
1	TCGA-02-2483-01A-01R-1849-01	Primary Tumor	Alive	466	3.67658267282
2	TCGA-06-2564-01A-01R-1849-01	Primary Tumor	Alive	181	2.01300235253
3	TCGA-06-5858-01A-01R-1849-01	Primary Tumor	Alive	187	2.18536042213
4	TCGA-28-2514-01A-02R-1850-01	Primary Tumor	Alive	160	2.26056588497
5	TCGA-19-4065-01A-01R-2005-01	Primary Tumor	Alive	214	1.99278207334
6	TCGA-06-2569-01A-01R-1849-01	Primary Tumor	Alive	13	2.3653146812
7	TCGA-32-2634-01A-01R-1850-01	Primary Tumor	Alive	693	1.65763592802
8	TCGA-06-2570-01A-01R-1849-01	Primary Tumor	Alive	958	3.56797780824
9	TCGA-26-5133-01A-01R-1850-01	Primary Tumor	Alive	452	3.00141501059
10	TCGA-06-5417-01A-01R-1849-01	Primary Tumor	Alive	155	3.43101305362
11	TCGA-02-2485-01A-01R-1849-01	Primary Tumor	Alive	470	2.50893405301
12	TCGA-06-2563-01A-01R-1849-01	Primary Tumor	Alive	932	1.66391223368
13	TCGA-26-1442-01A-01R-1850-01	Primary Tumor	Alive	953	3.65213279601
14	TCGA-06-5416-01A-01R-1849-01	Primary Tumor	Alive	204	6.31262019229
15	TCGA-28-5209-01A-01R-1850-01	Primary Tumor	Alive	77	1.70846859018
16	TCGA-26-5132-01A-01R-1850-01	Primary Tumor	Alive	286	1.88236335958
17	TCGA-19-2619-01A-01R-1850-01	Primary Tumor	Alive	294	2.10830995991
18	TCGA-26-5139-01A-01R-1850-01	Primary Tumor	Alive	48	2.17759544247
19	TCGA-26-5134-01A-01R-1850-01	Primary Tumor	Alive	167	2.03982532843
20	TCGA-32-2632-01A-01R-1850-01	Primary Tumor	Dead	269	3.9662686418
21	TCGA-16-0846-01A-01R-1850-01	Primary Tumor	Dead	119	1.68513424594
22	TCGA-06-0178-01A-01R-1849-01	Primary Tumor	Dead	2681	3.18812182807
23	TCGA-41-3915-01A-01R-1850-01	Primary Tumor	Dead	360	1.59407436804
24	TCGA-14-0790-01B-01R-1849-01	Primary Tumor	Dead	419	1.64784185032
25	TCGA-32-2638-01A-01R-1850-01	Primary Tumor	Dead	766	1.80004745885
26	TCGA-28-5208-01A-01R-1850-01	Primary Tumor	Dead	544	2.02329364107
27	TCGA-06-0745-01A-01R-1849-01	Primary Tumor	Dead	239	1.99198854869
28	TCGA-06-0157-01A-01R-1849-01	Primary Tumor	Dead	97	1.73009283161
29	TCGA-14-1034-01A-01R-1849-01	Primary Tumor	Dead	485	1.76092318474
30	TCGA-06-0138-01A-02R-1849-01	Primary Tumor	Dead	737	2.56632946188
31	TCGA-14-0787-01A-01R-1849-01	Primary Tumor	Dead	68	2.34112307697
32	TCGA-12-0618-01A-01R-1849-01	Primary Tumor	Dead	395	1.63695498733
33	TCGA-19-2624-01A-01R-1850-01	Primary Tumor	Dead	5	3.04236532981
34	TCGA-27-2523-01A-01R-1850-01	Primary Tumor	Dead	489	2.90619256703
35	TCGA-19-1390-01A-01R-1850-01	Primary Tumor	Dead	772	3.21740220439
36	TCGA-12-1597-01B-01R-1849-01	Primary Tumor	Dead	675	1.9694418993
37	TCGA-41-5651-01A-01R-1850-01	Primary Tumor	Dead	460	1.93851386481
38	TCGA-06-1804-01A-01R-1849-01	Primary Tumor	Dead	414	2.31323344057
39	TCGA-06-0125-01A-01R-1849-01	Primary Tumor	Dead	1448	1.69947750813
40	TCGA-19-5960-01A-11R-1850-01	Primary Tumor	Dead	455	3.41056603962
41	TCGA-32-1970-01A-01R-1850-01	Primary Tumor	Dead	468	1.60542657034
42	TCGA-76-4925-01A-01R-1850-01	Primary Tumor	Dead	146	2.4446955656
43	TCGA-28-5207-01A-01R-1850-01	Primary Tumor	Dead	343	1.67746846077
44	TCGA-06-0747-01A-01R-1849-01	Primary Tumor	Dead	82	2.11180206224
45	TCGA-06-0174-01A-01R-1849-01	Primary Tumor	Dead	98	2.06118133685
46	TCGA-15-1444-01A-02R-1850-01	Primary Tumor	Dead	1537	2.62206379163
47	TCGA-06-5412-01A-01R-1849-01	Primary Tumor	Dead	138	1.86446395077
48	TCGA-12-0616-01A-01R-1849-01	Primary Tumor	Dead	448	1.75735942686
49	TCGA-27-1831-01A-01R-1850-01	Primary Tumor	Dead	505	1.67928742349
50	TCGA-32-1982-01A-01R-1850-01	Primary Tumor	Dead	142	1.90140926699

51	TCGA-06-0184-01A-01R-1849-01	Primary Tumor	Dead	2126	1.88689814097
52	TCGA-12-3652-01A-01R-1849-01	Primary Tumor	Dead	1062	2.2922263403
53	TCGA-28-5204-01A-01R-1850-01	Primary Tumor	Dead	454	1.77054845864
54	TCGA-06-2559-01A-01R-1849-01	Primary Tumor	Dead	150	3.83540967275
55	TCGA-14-0817-01A-01R-1849-01	Primary Tumor	Dead	164	1.68852437583
56	TCGA-26-5135-01A-01R-1850-01	Primary Tumor	Dead	270	1.73972182645
57	TCGA-06-0219-01A-01R-1849-01	Primary Tumor	Dead	22	1.93424151223
58	TCGA-02-0047-01A-01R-1849-01	Primary Tumor	Dead	448	2.31279190691
59	TCGA-15-0742-01A-01R-1850-01	Primary Tumor	Dead	419	1.88781658354
60	TCGA-12-3650-01A-01R-1849-01	Primary Tumor	Dead	333	1.79462967749
61	TCGA-06-0129-01A-01R-1849-01	Primary Tumor	Dead	1024	4.30878632881
62	TCGA-08-0386-01A-01R-1849-01	Primary Tumor	Dead	548	1.88948966087
63	TCGA-12-0821-01A-01R-1849-01	Primary Tumor	Dead	323	1.92965523876
64	TCGA-06-0649-01B-01R-1849-01	Primary Tumor	Dead	64	1.98411683351
65	TCGA-27-2521-01A-01R-1850-01	Primary Tumor	Dead	510	2.39878691305
66	TCGA-14-1825-01A-01R-1850-01	Primary Tumor	Dead	232	2.17647841278
67	TCGA-76-4932-01A-01R-1850-01	Primary Tumor	Dead	1458	1.65710509881
68	TCGA-19-2620-01A-01R-1850-01	Primary Tumor	Dead	148	1.75003260274
69	TCGA-41-2572-01A-01R-1850-01	Primary Tumor	Dead	406	1.66547184896
70	TCGA-06-0686-01A-01R-1849-01	Primary Tumor	Dead	432	1.99476978962
71	TCGA-06-0744-01A-01R-1849-01	Primary Tumor	Dead	1426	2.06037063808
72	TCGA-27-2528-01A-01R-1850-01	Primary Tumor	Dead	480	1.60582190174
73	TCGA-06-5856-01A-01R-1849-01	Primary Tumor	Dead	114	3.28397189462
74	TCGA-06-2565-01A-01R-1849-01	Primary Tumor	Dead	506	2.01005482896
75	TCGA-06-2558-01A-01R-1849-01	Primary Tumor	Dead	380	2.00764054518
76	TCGA-26-5136-01B-01R-1850-01	Primary Tumor	Dead	577	2.47841432777
77	TCGA-06-0158-01A-01R-1849-01	Primary Tumor	Dead	329	1.80951796258
78	TCGA-28-2499-01A-01R-1850-01	Primary Tumor	NA	NA	1.61529784644

Table 2. ALCAN_ZEB1

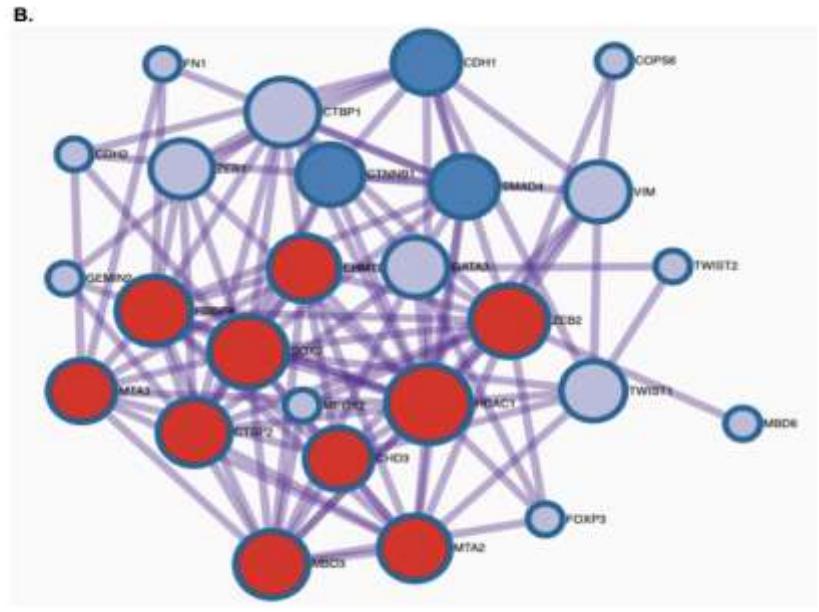
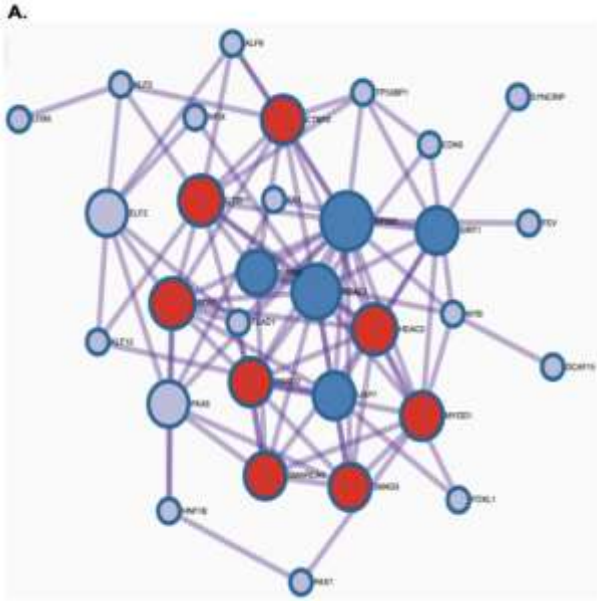
ZEB1_UALCAN	
Comparison	Statistical significance
Normal-vs-Gleason score 6	2.96680000000382E-06
Normal-vs-Gleason score 7	2.86059999998756E-06
Normal-vs-Gleason score 8	1.58976999999894E-05
Normal-vs-Gleason score 9	1.99624999999148E-05
Normal-vs-Gleason score 10	5.050200E-01
Gleason score 6-vs-Gleason score 7	7.637200E-01
Gleason score 6-vs-Gleason score 8	7.897000E-01
Gleason score 6-vs-Gleason score 9	3.575000E-01
Gleason score 6-vs-Gleason score 10	3.897000E-01
Gleason score 7-vs-Gleason score 8	9.799600E-01
Gleason score 7-vs-Gleason score 9	3.013200E-01
Gleason score 7-vs-Gleason score 10	4.073400E-01
Gleason score 8-vs-Gleason score 9	5.108400E-01
Gleason score 8-vs-Gleason score 10	1.307440E-01
Gleason score 9-vs-Gleason score 10	4.595600E-01
Comparison	Statistical significance
Normal-vs-ERG fusion	8.1151000000057E-05

Normal-vs-ETV1 fusion	1.32159999999271E-06
Normal-vs-ETV4 fusion	3.255600E-03
Normal-vs-FLI1 fusion	3.040500E-02
Normal-vs-FOXA1 mutation	5.700299999999999E-05
Normal-vs-IDH1 mutation	6.152800E-01
Normal-vs-SPOP mutation	3.094999999953E-06
ERG fusion-vs-ETV1 fusion	1.015610E-02
ERG fusion-vs-ETV4 fusion	7.832800E-01
ERG fusion-vs-FLI1 fusion	3.452000E-01
ERG fusion-vs-FOXA1 mutation	2.053200E-01
ERG fusion-vs-IDH1 mutation	5.849600E-01
ERG fusion-vs-SPOP mutation	7.132100E-02
ETV1 fusion-vs-ETV4 fusion	1.776380E-01
ETV1 fusion-vs-FLI1 fusion	1.392470E-02
ETV1 fusion-vs-FOXA1 mutation	8.801800E-01
ETV1 fusion-vs-IDH1 mutation	4.363400E-01
ETV1 fusion-vs-SPOP mutation	7.535800E-01
ETV4 fusion-vs-FLI1 fusion	5.242400E-01
ETV4 fusion-vs-FOXA1 mutation	2.619200E-01
ETV4 fusion-vs-IDH1 mutation	4.162600E-01
ETV4 fusion-vs-SPOP mutation	1.764780E-01
FLI1 fusion-vs-FOXA1 mutation	6.066400E-02
FLI1 fusion-vs-IDH1 mutation	7.838200E-01
FLI1 fusion-vs-SPOP mutation	7.082500E-02
FOXA1 mutation-vs-IDH1 mutation	4.304200E-01
FOXA1 mutation-vs-SPOP mutation	7.466800E-01
IDH1 mutation-vs-SPOP mutation	4.577000E-01
Comparison	Statistical significance
Normal-vs-N0	1.57452999999252E-05
Normal-vs-N1	1.55642999999372E-05
N0-vs-N1	7.640400E-01
Comparison	Statistical significance
Normal-vs-TP53-Mutant	1.90789999999774E-05
Normal-vs-TP53-NonMutant	3.76219999997929E-06
TP53-Mutant-vs-TP53-NonMutant	7.857000E-01

Table 3. UALCAN_ZEB2

Comparison	Statistical significance
Normal-vs-Gleason score 6	4.12170000000378E-05
Normal-vs-Gleason score 7	1.165620E-04
Normal-vs-Gleason score 8	1.244810E-04
Normal-vs-Gleason score 9	1.583260E-04
Normal-vs-Gleason score 10	7.294000E-01
Gleason score 6-vs-Gleason score 7	2.853400E-01
Gleason score 6-vs-Gleason score 8	4.322200E-01
Gleason score 6-vs-Gleason score 9	1.646350E-01
Gleason score 6-vs-Gleason score 10	2.064000E-01
Gleason score 7-vs-Gleason score 8	8.664200E-01
Gleason score 7-vs-Gleason score 9	7.125000E-01

Gleason score 7-vs-Gleason score 10	1.622270E-02
Gleason score 8-vs-Gleason score 9	6.587600E-01
Gleason score 8-vs-Gleason score 10	2.365600E-02
Gleason score 9-vs-Gleason score 10	2.615600E-01
Comparison	Statistical significance
Normal-vs-ERG fusion	2.011200E-04
Normal-vs-ETV1 fusion	7.603800000000005E-05
Normal-vs-ETV4 fusion	1.464360E-03
Normal-vs-FLI1 fusion	9.373400E-01
Normal-vs-FOXA1 mutation	9.157700E-04
Normal-vs-IDH1 mutation	8.422600E-01
Normal-vs-SPOP mutation	6.038899999999385E-05
ERG fusion-vs-ETV1 fusion	3.330400E-01
ERG fusion-vs-ETV4 fusion	7.027000E-01
ERG fusion-vs-FLI1 fusion	1.698210E-01
ERG fusion-vs-FOXA1 mutation	8.460600E-01
ERG fusion-vs-IDH1 mutation	1.180120E-02
ERG fusion-vs-SPOP mutation	2.292000E-01
ETV1 fusion-vs-ETV4 fusion	2.777200E-01
ETV1 fusion-vs-FLI1 fusion	1.406600E-01
ETV1 fusion-vs-FOXA1 mutation	6.663600E-01
ETV1 fusion-vs-IDH1 mutation	1.080710E-03
ETV1 fusion-vs-SPOP mutation	9.193000E-01
ETV4 fusion-vs-FLI1 fusion	3.034200E-02
ETV4 fusion-vs-FOXA1 mutation	6.704000E-01
ETV4 fusion-vs-IDH1 mutation	3.481500E-02
ETV4 fusion-vs-SPOP mutation	2.602200E-01
FLI1 fusion-vs-FOXA1 mutation	3.604100E-02
FLI1 fusion-vs-IDH1 mutation	8.392200E-01
FLI1 fusion-vs-SPOP mutation	1.376180E-01
FOXA1 mutation-vs-IDH1 mutation	1.960270E-02
FOXA1 mutation-vs-SPOP mutation	6.413400E-01
IDH1 mutation-vs-SPOP mutation	2.625000E-03
Comparison	Statistical significance
Normal-vs-N0	1.603700E-04
Normal-vs-N1	1.783460E-04
N0-vs-N1	9.216200E-01
Comparison	Statistical significance
Normal-vs-TP53-Mutant	1.229790E-04
Normal-vs-TP53-NonMutant	1.160120E-04
TP53-Mutant-vs-TP53-NonMutant	8.783400E-01



Supplementary Figure 1. **A.** PPI network analysis revealed a significant connectivity pattern associated with ZEB1. **B.** PPI network analysis revealed a significant connectivity pattern associated with ZEB2. PPI: Protein-protein interaction.