

Table S1 The top 10 genes in each cancer type that related to poor prognosis based on the GEPIA results

Cancer type	Gene symbol	Gene ID	P value (survival OS)
ACC	<i>TROAP</i>	ENSG00000135451.12	7.67E-09
	<i>EP400NL</i>	ENSG00000185684.12	4.32E-08
	<i>ASPM</i>	ENSG00000066279.16	5.57E-08
	<i>TICRR</i>	ENSG00000140534.13	6.70E-08
	<i>CDC20</i>	ENSG00000117399.13	6.73E-08
	<i>SPAG5</i>	ENSG00000076382.16	7.49E-08
	<i>MELK</i>	ENSG00000165304.7	7.59E-08
	<i>SPC24</i>	ENSG00000161888.11	8.60E-08
	<i>DNA2</i>	ENSG00000138346.14	9.62E-08
	<i>LRP5L</i>	ENSG00000100068.11	1.03E-07
BLCA	<i>GSDMB</i>	ENSG00000073605.18	2.16E-07
	<i>RP3-395M20.8</i>	ENSG00000238164.6	3.26E-07
	<i>IL9RP3</i>	ENSG00000226942.2	5.40E-07
	<i>HEYL</i>	ENSG00000163909.7	6.68E-06
	<i>RP11-488L18.10</i>	ENSG00000259865.1	6.93E-06
	<i>PCDH9</i>	ENSG00000184226.14	8.32E-06
	<i>EMP1</i>	ENSG00000134531.9	1.00E-05
	<i>WASH7P</i>	ENSG00000226210.3	1.16E-05
	<i>BCL2L14</i>	ENSG00000121380.12	1.17E-05
	<i>GXYLT2</i>	ENSG00000172986.12	1.30E-05
BRCA	<i>HSPA8P1</i>	ENSG00000234176.1	1.71E-06
	<i>DCTPP1</i>	ENSG00000179958.8	3.16E-06
	<i>RP11-727F15.9</i>	ENSG00000256690.1	7.20E-06
	<i>APOOL</i>	ENSG00000155008.13	1.26E-05
	<i>VDAC1P2</i>	ENSG00000213856.3	1.37E-05
	<i>IGHA2</i>	ENSG00000211890.3	2.25E-05
	<i>LRP11</i>	ENSG00000120256.9	2.81E-05
	<i>TARS</i>	ENSG00000113407.13	2.88E-05
	<i>AC137932.6</i>	ENSG00000261253.2	5.09E-05
	<i>FAM173B</i>	ENSG00000150756.13	5.38E-05
CESC	<i>MTCP1</i>	ENSG00000214827.9	2.62E-06
	<i>F8A1</i>	ENSG00000277203.1	4.80E-06
	<i>RP11-638I2.6</i>	ENSG00000258504.2	5.79E-06
	<i>EGLN1</i>	ENSG00000135766.8	6.77E-06
	<i>ESM1</i>	ENSG00000164283.12	9.05E-06
	<i>DDX49</i>	ENSG00000105671.11	1.05E-05
	<i>GS1-393G12.14</i>	ENSG00000272115.1	1.14E-05
	<i>AC092614.2</i>	ENSG00000227542.1	1.31E-05

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
CHOL	<i>AGPAT4</i>	ENSG00000026652.13	1.58E-05
	<i>PRSS36</i>	ENSG00000178226.10	2.03E-05
	<i>LINC01587</i>	ENSG00000082929.8	1.60E-04
	<i>CTD-2033C11.1</i>	ENSG00000269961.1	2.49E-04
	<i>ZNF471</i>	ENSG00000196263.7	7.74E-04
	<i>RP11-775C24.3</i>	ENSG00000260619.1	8.25E-04
	<i>LMNTD2</i>	ENSG00000185522.8	1.34E-03
	<i>RP11-573D15.2</i>	ENSG00000232233.1	1.65E-03
	<i>DYM</i>	ENSG00000141627.13	1.69E-03
	<i>EIF5A</i>	ENSG00000132507.17	1.73E-03
	<i>EIF4EBP3</i>	ENSG00000243056.1	1.80E-03
COAD	<i>COL4A3</i>	ENSG00000169031.18	1.84E-03
	<i>SUCLG2</i>	ENSG00000172340.14	2.00E-05
	<i>FABP3</i>	ENSG00000121769.7	9.74E-05
	<i>MCCC1-AS1</i>	ENSG00000243368.2	1.00E-04
	<i>C5orf46</i>	ENSG00000178776.4	1.01E-04
	<i>NSUN6</i>	ENSG00000241058.3	1.03E-04
	<i>RPL32P3</i>	ENSG00000251474.6	1.18E-04
	<i>RP11-365O16.6</i>	ENSG00000237101.1	1.24E-04
	<i>ANKRD24</i>	ENSG00000089847.12	1.59E-04
	<i>RP3-475N16.1</i>	ENSG00000231113.2	1.70E-04
	<i>RP11-66B24.2</i>	ENSG00000232386.9	2.08E-04
DLBC	<i>CYP4F11</i>	ENSG00000171903.16	2.27E-03
	<i>SIGLEC15</i>	ENSG00000197046.11	2.28E-03
	<i>CFD</i>	ENSG00000197766.7	2.70E-03
	<i>PLCH1</i>	ENSG00000114805.16	2.98E-03
	<i>KLHDC3</i>	ENSG00000124702.17	3.12E-03
	<i>RP11-266K4.14</i>	ENSG00000275367.1	3.42E-03
	<i>FBXW9</i>	ENSG00000132004.12	3.74E-03
	<i>CENPBD1P1</i>	ENSG00000213753.10	3.78E-03
	<i>SYCP3</i>	ENSG00000139351.14	4.74E-03
	<i>CENPM</i>	ENSG00000100162.14	4.85E-03
	ESCA	<i>KCP</i>	ENSG00000135253.13
<i>UFSP2</i>		ENSG00000109775.10	6.88E-04
<i>ARHGAP4</i>		ENSG00000089820.15	9.82E-04
<i>RP11-51J9.4</i>		ENSG00000253708.1	1.21E-03
<i>XXbac-BPG246D15.9</i>		ENSG00000250264.1	1.22E-03
	<i>PRDX4</i>	ENSG00000123131.12	1.32E-03

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)	
GBM	<i>RP11-271K21.12</i>	ENSG00000279147.1	1.52E-03	
	<i>RP11-430L17.1</i>	ENSG00000226457.1	1.54E-03	
	<i>PIGA</i>	ENSG00000165195.13	1.57E-03	
	<i>RP11-10E18.7</i>	ENSG00000276809.1	1.58E-03	
	<i>LOXL1</i>	ENSG00000129038.15	2.54E-06	
	<i>LOXL1-AS1</i>	ENSG00000261801.5	2.88E-06	
	<i>TSPAN4</i>	ENSG00000214063.10	1.59E-05	
	<i>AC096574.4</i>	ENSG00000225057.2	1.86E-05	
	<i>SAMD13</i>	ENSG00000203943.8	2.53E-05	
	<i>NLRP12</i>	ENSG00000142405.21	3.15E-05	
	<i>EPS8L2</i>	ENSG00000177106.14	3.87E-05	
	<i>LINC01503</i>	ENSG00000233901.5	4.01E-05	
	<i>MLPH</i>	ENSG00000115648.13	4.04E-05	
HNSC	<i>RP11-539I5.1</i>	ENSG00000225302.2	4.99E-05	
	<i>JCHAIN</i>	ENSG00000132465.10	3.97E-07	
	<i>AL928768.3</i>	ENSG00000253701.2	4.32E-07	
	<i>AIG1</i>	ENSG00000146416.16	8.87E-07	
	<i>CRLF2</i>	ENSG00000205755.10	9.99E-07	
	<i>MASP1</i>	ENSG00000127241.16	1.28E-06	
	<i>KIAA1683</i>	ENSG00000130518.16	3.30E-06	
	<i>ESD</i>	ENSG00000139684.13	5.06E-06	
	<i>ZNF266</i>	ENSG00000174652.17	6.43E-06	
	<i>LMX1B</i>	ENSG00000136944.17	6.59E-06	
	<i>AC002066.1</i>	ENSG00000237813.3	7.42E-06	
	KICH	<i>ARPC1A</i>	ENSG00000241685.8	1.27E-04
		<i>NCAPG2</i>	ENSG00000146918.19	1.67E-04
<i>ITGAE</i>		ENSG00000083457.11	2.65E-04	
<i>RAB27A</i>		ENSG00000069974.15	2.88E-04	
<i>LRWD1</i>		ENSG00000161036.10	3.10E-04	
<i>COX20</i>		ENSG00000203667.9	3.28E-04	
<i>TXNDC17</i>		ENSG00000129235.10	3.33E-04	
<i>RPUSD3</i>		ENSG00000156990.14	3.67E-04	
<i>RHNO1</i>		ENSG00000171792.10	3.83E-04	
<i>TIMELESS</i>		ENSG00000111602.11	4.03E-04	
KIRC	<i>SLC16A12</i>	ENSG00000152779.13	4.05E-13	
	<i>SGCB</i>	ENSG00000163069.12	6.01E-13	
	<i>SOWAHB</i>	ENSG00000186212.3	8.16E-13	
	<i>FBXL5</i>	ENSG00000118564.14	1.21E-12	

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
KIRP	<i>CRB3</i>	ENSG00000130545.15	1.79E-12
	<i>AR</i>	ENSG00000169083.15	2.99E-12
	<i>ALDH6A1</i>	ENSG00000119711.12	4.82E-12
	<i>MSH3</i>	ENSG00000113318.9	4.98E-12
	<i>PPM1A</i>	ENSG00000100614.17	5.53E-12
	<i>GNA11</i>	ENSG00000088256.8	6.22E-12
	<i>CCNB2</i>	ENSG00000157456.7	2.55E-07
	<i>TICRR</i>	ENSG00000140534.13	3.43E-07
	<i>CDK1</i>	ENSG00000170312.15	3.55E-07
	<i>DLGAP5</i>	ENSG00000126787.12	7.23E-07
	<i>NPTX2</i>	ENSG00000106236.3	8.00E-07
	<i>ASPM</i>	ENSG00000066279.16	8.06E-07
	<i>ATP5A1</i>	ENSG00000152234.15	1.06E-06
	<i>TPX2</i>	ENSG00000088325.15	1.27E-06
	<i>TBX18</i>	ENSG00000112837.16	2.20E-06
LAML	<i>KIF18A</i>	ENSG00000121621.6	2.82E-06
	<i>STIM2</i>	ENSG00000109689.14	2.44E-07
	<i>MRPL16</i>	ENSG00000166902.4	1.41E-06
	<i>ANKEF1</i>	ENSG00000132623.15	2.52E-06
	<i>DDIT4</i>	ENSG00000168209.4	4.59E-06
	<i>GRAMD1C</i>	ENSG00000178075.19	5.23E-06
	<i>SRP14-AS1</i>	ENSG00000248508.6	6.31E-06
	<i>PTP4A3</i>	ENSG00000184489.11	8.58E-06
	<i>KHDC1</i>	ENSG00000135314.12	1.43E-05
	<i>NTMT1</i>	ENSG00000148335.14	1.91E-05
LGG	<i>LINC01480</i>	ENSG00000270164.1	2.12E-05
	<i>PTGFRN</i>	ENSG00000134247.9	2.22E-16
	<i>WEE1</i>	ENSG00000166483.10	3.33E-16
	<i>RAB27A</i>	ENSG00000069974.15	1.11E-15
	<i>EMILIN1</i>	ENSG00000138080.13	1.44E-15
	<i>LATS2</i>	ENSG00000150457.8	9.66E-15
	<i>RAD54B</i>	ENSG00000197275.12	1.13E-14
	<i>EN1</i>	ENSG00000163064.6	1.30E-14
	<i>IGFBP2</i>	ENSG00000115457.9	1.31E-14
	<i>SPHKAP</i>	ENSG00000153820.12	1.38E-14
	<i>IGF2BP3</i>	ENSG00000136231.13	2.70E-14
LIHC	<i>PTDSS2</i>	ENSG00000174915.11	1.82E-09
	<i>PIGU</i>	ENSG00000101464.10	1.09E-08

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
LUAD	<i>UCK2</i>	ENSG00000143179.12	5.65E-08
	<i>KPNA2</i>	ENSG00000182481.8	7.20E-08
	<i>HILPDA</i>	ENSG00000135245.9	8.48E-08
	<i>MED19</i>	ENSG00000156603.14	1.34E-07
	<i>GTPBP4</i>	ENSG00000107937.18	1.80E-07
	<i>RUVBL1</i>	ENSG00000175792.11	1.86E-07
	<i>CCT5</i>	ENSG00000150753.11	1.90E-07
	<i>KB-68A7.1</i>	ENSG00000274225.1	2.01E-07
	<i>ANLN</i>	ENSG00000011426.10	5.47E-08
	<i>FAM83A</i>	ENSG00000147689.16	2.33E-07
	<i>GNPNAT1</i>	ENSG00000100522.8	4.11E-07
	<i>PLK1</i>	ENSG00000166851.14	6.05E-07
	<i>PKP2</i>	ENSG00000057294.13	6.16E-07
	<i>RGS20</i>	ENSG00000147509.13	8.36E-07
	<i>SMS</i>	ENSG00000102172.15	1.26E-06
LUSC	<i>GAPDH</i>	ENSG00000111640.14	1.76E-06
	<i>LDHA</i>	ENSG00000134333.13	2.22E-06
	<i>DKK1</i>	ENSG00000107984.9	2.43E-06
	<i>SGCA</i>	ENSG00000108823.15	1.60E-05
	<i>RP11-535M15.1</i>	ENSG00000224848.1	4.04E-05
	<i>RETN</i>	ENSG00000104918.7	4.18E-05
	<i>FAM65A</i>	ENSG00000039523.17	5.66E-05
	<i>CLDN5</i>	ENSG00000184113.9	8.44E-05
	<i>CTD-2245F17.3</i>	ENSG00000269051.5	8.91E-05
	<i>RP11-76C10.5</i>	ENSG00000256151.1	9.15E-05
	<i>CST3</i>	ENSG00000101439.8	9.88E-05
MESO	<i>SUGT1P2</i>	ENSG00000213842.2	9.97E-05
	<i>CCDC69</i>	ENSG00000198624.12	1.03E-04
	<i>TOP2A</i>	ENSG00000131747.14	1.49E-08
	<i>UBE2C</i>	ENSG00000175063.16	1.63E-08
	<i>TROAP</i>	ENSG00000135451.12	3.48E-08
	<i>UBE2M</i>	ENSG00000130725.7	3.95E-08
	<i>NEK2</i>	ENSG00000117650.12	5.53E-08
	<i>UBE2SP2</i>	ENSG00000224126.2	7.21E-08
	<i>SGOL1</i>	ENSG00000129810.14	8.04E-08
	<i>RECQL4</i>	ENSG00000160957.12	1.40E-07
	<i>LRFN4</i>	ENSG00000173621.8	1.49E-07
<i>CCNB1</i>	ENSG00000134057.14	1.50E-07	

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
OV	<i>ACOT13</i>	ENSG00000112304.10	2.23E-05
	<i>CCDC160</i>	ENSG00000203952.9	2.58E-05
	<i>RP11-418H16.1</i>	ENSG00000281920.1	2.80E-05
	<i>CMBL</i>	ENSG00000164237.8	3.16E-05
	<i>HLA-DOB</i>	ENSG00000241106.6	3.93E-05
	<i>ARHGEF38</i>	ENSG00000236699.8	5.70E-05
	<i>HCG14</i>	ENSG00000224157.1	6.12E-05
	<i>C2orf88</i>	ENSG00000187699.10	1.03E-04
	<i>UBD</i>	ENSG00000213886.3	1.27E-04
	<i>TYMSOS</i>	ENSG00000176912.3	1.71E-04
PAAD	<i>SPRN</i>	ENSG00000203772.7	4.28E-07
	<i>RP11-763B22.4</i>	ENSG00000237343.1	5.35E-07
	<i>MUC21</i>	ENSG00000204544.5	1.01E-06
	<i>SCOC-AS1</i>	ENSG00000196951.10	1.55E-06
	<i>NDUFA6-AS1</i>	ENSG00000237037.9	2.06E-06
	<i>CTD-2349P21.12</i>	ENSG00000276250.1	3.03E-06
	<i>RP11-111M22.4</i>	ENSG00000272301.1	3.32E-06
	<i>RP5-1112D6.8</i>	ENSG00000272356.1	3.59E-06
	<i>FAM196B</i>	ENSG00000204767.3	4.51E-06
	<i>RP11-411K7.1</i>	ENSG00000236740.6	7.04E-06
PCPG	<i>CRHR2</i>	ENSG00000106113.18	8.09E-04
	<i>ARHGAP39</i>	ENSG00000147799.11	1.35E-03
	<i>UBXN8</i>	ENSG00000104691.14	1.55E-03
	<i>HSPA8P1</i>	ENSG00000234176.1	3.06E-03
	<i>FOXD4L4</i>	ENSG00000184659.5	3.25E-03
	<i>CTD-2371O3.3</i>	ENSG00000268403.2	3.92E-03
	<i>AC005104.3</i>	ENSG00000223374.1	4.20E-03
	<i>RP11-482D24.3</i>	ENSG00000257918.1	4.37E-03
	<i>DLEU2</i>	ENSG00000231607.8	4.47E-03
	<i>RP11-277P12.20</i>	ENSG00000245648.1	6.05E-03
PRAD	<i>PFAS</i>	ENSG00000178921.13	8.89E-04
	<i>TEX30</i>	ENSG00000151287.16	1.13E-03
	<i>MIS18BP1</i>	ENSG00000129534.13	1.27E-03
	<i>RP11-23J9.5</i>	ENSG00000254876.5	1.31E-03
	<i>SMG1P2</i>	ENSG00000205534.6	1.37E-03
	<i>SLC35E1P1</i>	ENSG00000238286.1	1.64E-03
	<i>WDR48</i>	ENSG00000114742.13	1.82E-03
	<i>ARHGAP19</i>	ENSG00000213390.10	1.95E-03

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
READ	<i>PNRC2</i>	ENSG00000189266.11	2.04E-03
	<i>WDR11</i>	ENSG00000120008.15	2.11E-03
	<i>PTPRVP</i>	ENSG00000243323.5	1.12E-05
	<i>SIRT5</i>	ENSG00000124523.14	3.54E-05
	<i>RP3-486I3.7</i>	ENSG00000237021.2	3.91E-05
	<i>KCTD21-AS1</i>	ENSG00000246174.7	7.64E-05
	<i>RP3-486I3.4</i>	ENSG00000233558.1	9.69E-05
	<i>AC097523.1</i>	ENSG00000233045.1	1.27E-04
	<i>ZSCAN16</i>	ENSG00000196812.4	1.33E-04
	<i>RP11-379B18.5</i>	ENSG00000241288.7	1.77E-04
	<i>CTD-2623N2.3</i>	ENSG00000267370.1	1.94E-04
SARC	<i>XXbac-BPGBPG55C20.2</i>	ENSG00000272316.1	1.98E-04
	<i>B3GALT4</i>	ENSG00000235863.3	3.26E-07
	<i>ALDH1A1</i>	ENSG00000165092.12	2.37E-06
	<i>ADIRF</i>	ENSG00000148671.13	4.86E-06
	<i>NUDT7</i>	ENSG00000140876.11	4.87E-06
	<i>FZD2</i>	ENSG00000180340.6	7.68E-06
	<i>DHRS12</i>	ENSG00000102796.10	9.85E-06
	<i>GLO1</i>	ENSG00000124767.6	1.20E-05
	<i>RP11-395G23.3</i>	ENSG00000254615.2	1.29E-05
	<i>HNMT</i>	ENSG00000150540.13	1.39E-05
	<i>BCL2L14</i>	ENSG00000121380.12	1.57E-05
SKCM	<i>NMI</i>	ENSG00000123609.10	1.84E-10
	<i>GBP2</i>	ENSG00000162645.12	7.04E-10
	<i>TIMD4</i>	ENSG00000145850.8	3.10E-09
	<i>UBA7</i>	ENSG00000182179.10	3.14E-09
	<i>GBP4</i>	ENSG00000162654.8	3.39E-09
	<i>CD274</i>	ENSG00000120217.13	6.18E-09
	<i>ZBP1</i>	ENSG00000124256.14	7.18E-09
	<i>SEMA4D</i>	ENSG00000187764.11	8.03E-09
	<i>LAX1</i>	ENSG00000122188.12	1.20E-08
	<i>RP11-284N8.3</i>	ENSG00000259834.1	1.47E-08
STAD	<i>FLJ16779</i>	ENSG00000275620.1	3.47E-06
	<i>AC002480.3</i>	ENSG00000232759.1	7.80E-06
	<i>NRP1</i>	ENSG00000099250.17	1.33E-05
	<i>C6</i>	ENSG00000039537.13	1.46E-05
	<i>C8orf46</i>	ENSG00000169085.11	1.58E-05
	<i>PRTG</i>	ENSG00000166450.12	4.52E-05

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
TGCT	<i>MAGED4</i>	ENSG00000154545.16	4.59E-05
	<i>PLCL1</i>	ENSG00000115896.15	4.61E-05
	<i>KIAA1462</i>	ENSG00000165757.8	6.55E-05
	<i>ITIH3</i>	ENSG00000162267.12	6.67E-05
	<i>RP11-445F12.1</i>	ENSG00000277268.1	7.55E-06
	<i>NBEAL2</i>	ENSG00000160796.16	8.29E-05
	<i>PM20D1</i>	ENSG00000162877.12	9.79E-05
	<i>AC090616.2</i>	ENSG00000214708.4	2.02E-04
	<i>THBS4</i>	ENSG00000113296.14	2.81E-04
	<i>CCDC28B</i>	ENSG00000160050.14	7.79E-04
	<i>PPIAP29</i>	ENSG00000214975.4	8.36E-04
	<i>GCM2</i>	ENSG00000124827.6	9.40E-04
	<i>CTC-471J1.2</i>	ENSG00000260160.1	9.46E-04
	<i>TOPAZ1</i>	ENSG00000173769.4	1.05E-03
THCA	<i>RP13-580B18.4</i>	ENSG00000279072.1	1.49E-04
	<i>SYNDIG1</i>	ENSG00000101463.5	1.89E-04
	<i>RP11-295P9.8</i>	ENSG00000268549.1	2.38E-04
	<i>NLGN3</i>	ENSG00000196338.12	3.77E-04
	<i>FBRSL1</i>	ENSG00000112787.12	3.78E-04
	<i>CACNB4</i>	ENSG00000182389.18	3.91E-04
	<i>GJB4</i>	ENSG00000189433.5	4.30E-04
	<i>LA16c-329F2.2</i>	ENSG00000275092.1	4.48E-04
	<i>PCDH19</i>	ENSG00000165194.14	5.07E-04
	<i>SIX2</i>	ENSG00000170577.7	5.48E-04
	THYM	<i>RP13-580B18.4</i>	ENSG00000279072.1
<i>SYNDIG1</i>		ENSG00000101463.5	1.89E-04
<i>RP11-295P9.8</i>		ENSG00000268549.1	2.38E-04
<i>NLGN3</i>		ENSG00000196338.12	3.77E-04
<i>FBRSL1</i>		ENSG00000112787.12	3.78E-04
<i>CACNB4</i>		ENSG00000182389.18	3.91E-04
<i>GJB4</i>		ENSG00000189433.5	4.30E-04
<i>LA16c-329F2.2</i>		ENSG00000275092.1	4.48E-04
<i>PCDH19</i>		ENSG00000165194.14	5.07E-04
<i>SIX2</i>		ENSG00000170577.7	5.48E-04
UCEC		<i>EFCAB6</i>	ENSG00000186976.14
	<i>HGS</i>	ENSG00000185359.12	3.86E-04
	<i>DSCAML1</i>	ENSG00000177103.13	4.65E-04
	<i>C12orf45</i>	ENSG00000151131.9	4.87E-04

Table S1 (continued)

Table S1 (continued)

Cancer type	Gene symbol	Gene ID	P value (survival OS)
UCS	<i>PKDREJ</i>	ENSG00000130943.6	5.56E-04
	<i>TPTEP1</i>	ENSG00000100181.21	6.37E-04
	<i>DGCR6</i>	ENSG00000183628.12	6.87E-04
	<i>GREB1</i>	ENSG00000196208.13	7.27E-04
	<i>WIF1</i>	ENSG00000156076.9	8.53E-04
	<i>MAOB</i>	ENSG00000069535.13	9.04E-04
	<i>HIST1H1C</i>	ENSG00000187837.3	1.23E-04
	<i>PDE4A</i>	ENSG00000065989.15	1.60E-04
	<i>CBX5</i>	ENSG00000094916.13	3.30E-04
	<i>SCNN1G</i>	ENSG00000166828.2	4.07E-04
	<i>ZNF835</i>	ENSG00000127903.13	5.21E-04
	<i>RP11-276H19.2</i>	ENSG00000269994.1	7.50E-04
	<i>GUSBP4</i>	ENSG00000239650.4	8.98E-04
	<i>PXN-AS1</i>	ENSG00000255857.5	9.90E-04
UVM	<i>HIST1H2AC</i>	ENSG00000180573.9	1.12E-03
	<i>CHGA</i>	ENSG00000100604.12	1.13E-03
	<i>TYMP</i>	ENSG00000025708.12	3.12E-07
	<i>RP11-620J15.4</i>	ENSG00000273805.1	3.90E-07
	<i>RP11-599J14.2</i>	ENSG00000256673.1	7.73E-07
	<i>XXbac-B135H6.15</i>	ENSG00000237476.1	1.37E-06
	<i>SIRPG</i>	ENSG00000089012.14	2.02E-06
	<i>RP5-884G6.2</i>	ENSG00000228084.1	2.04E-06
	<i>GLA</i>	ENSG00000102393.9	2.07E-06
	<i>HLA-DMA</i>	ENSG00000204257.14	2.23E-06
	<i>CITED1</i>	ENSG00000125931.10	2.30E-06
<i>ANPEP</i>	ENSG00000166825.13	2.32E-06	

OS, overall survival; ACC, adrenocortical carcinoma; BLCA, bladder urothelial carcinoma; BRCA, breast invasive carcinoma; CESC, cervical squamous cell carcinoma and endocervical adenocarcinoma; CHOL, cholangio carcinoma; COAD, colon adenocarcinoma; DLBC, lymphoid neoplasm diffuse large B-cell lymphoma; ESCA, esophageal carcinoma; GBM, glioblastoma multiforme; HNSC, head and neck squamous cell carcinoma; KICH, kidney chromophobe; KIRC, kidney renal clear cell carcinoma; KIRP, kidney renal papillary cell carcinoma; LAML, acute myeloid leukemia; LGG, brain lower grade glioma; LIHC, liver hepatocellular carcinoma; LUAD, lung adenocarcinoma; LUSC, lung squamous cell carcinoma; OV, ovarian serous cystadenocarcinoma; PAAD, pancreatic adenocarcinoma; PCPG, pheochromocytoma and paraganglioma; PRAD, prostate adenocarcinoma; READ, rectum adenocarcinoma; SARC, sarcoma; SKCM, skin cutaneous melanoma; STAD, stomach adenocarcinoma; TGCT, testicular germ cell tumors; THCA, thyroid carcinoma; THYM, thymoma; UCEC, uterine corpus endometrial carcinoma; UCS, uterine carcinosarcoma; UVM, uveal melanoma.

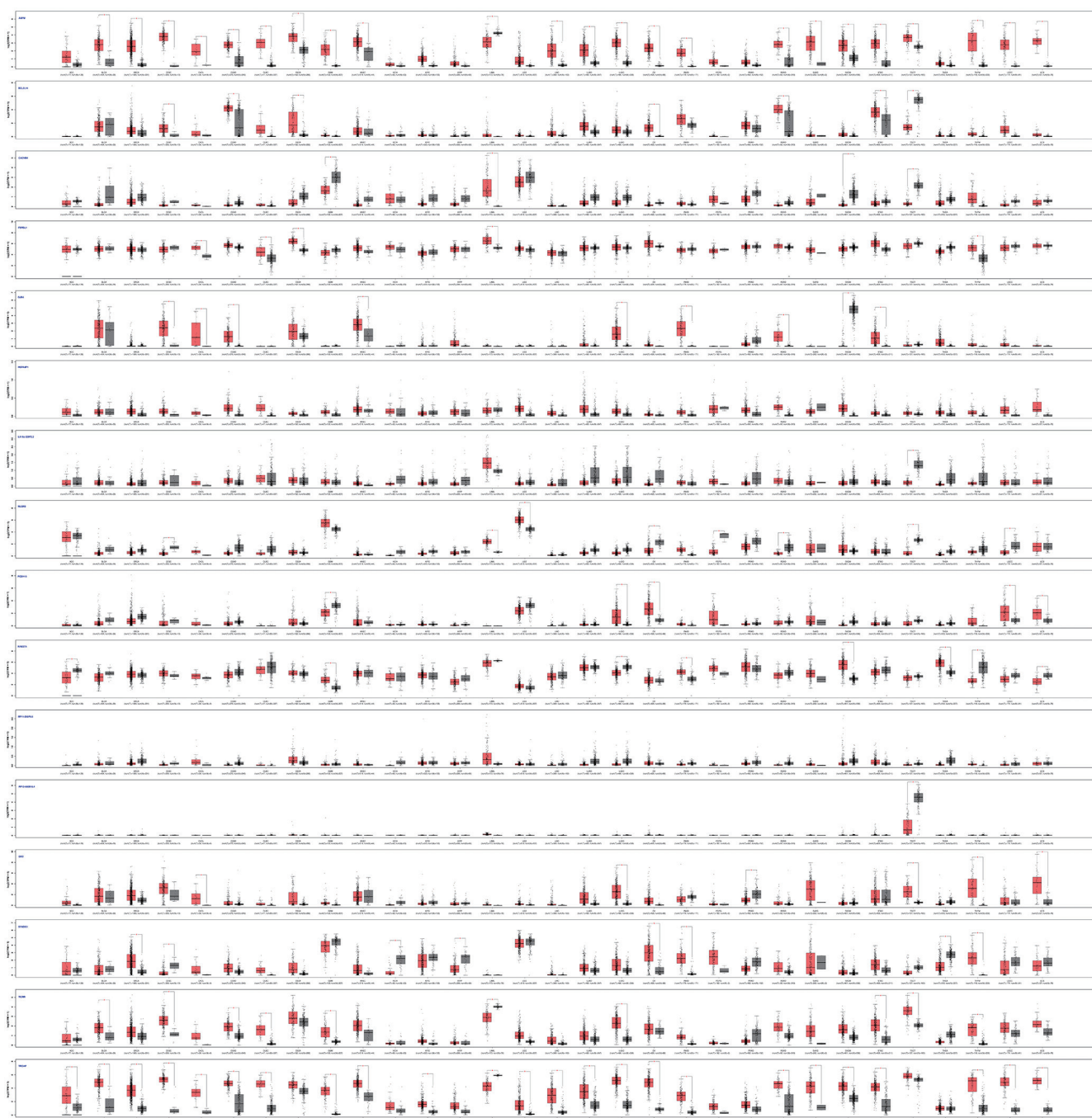


Figure S1 The expression of 16 most expressed genes in 31 types of cancers paired with normal tissues. T, tumor; N, normal. ACC, adrenocortical carcinoma; BLCA, bladder urothelial carcinoma; BRCA, breast invasive carcinoma; CESC, cervical squamous cell carcinoma and endocervical adenocarcinoma; CHOL, cholangio carcinoma; COAD, colon adenocarcinoma; DLBC, lymphoid neoplasm diffuse large B-cell lymphoma; ESCA, esophageal carcinoma; GBM, glioblastoma multiforme; HNSC, head and neck squamous cell carcinoma; KICH, kidney chromophobe; KIRC, kidney renal clear cell carcinoma; KIRP, kidney renal papillary cell carcinoma; LAML, acute myeloid leukemia; LGG, brain lower grade glioma; LIHC, liver hepatocellular carcinoma; LUAD, lung adenocarcinoma; LUSC, lung squamous cell carcinoma; OV, ovarian serous cystadenocarcinoma; PAAD, pancreatic adenocarcinoma; PCPG, pheochromocytoma and paraganglioma; PRAD, prostate adenocarcinoma; READ, rectum adenocarcinoma; SARC, sarcoma; SKCM, skin cutaneous melanoma; STAD, stomach adenocarcinoma; TGCT, testicular germ cell tumors; THCA, thyroid carcinoma; THYM, thymoma; UCEC, uterine corpus endometrial carcinoma; UCS, uterine carcinosarcoma. *P<0.05.