



Figure S1 FKBP10 expression in various types of tumor tissues. *, P<0.05; **, P<0.01; ****, P<0.0001. TCGA-STAD, stomach adenocarcinoma from The Cancer Genome Atlas; NOS, no otherwise specified.

Table S1 Eighty-six hub genes of iCAFs-M16

Gene name	Module	kME
SSNA1	iCAFs-M16	0.109182
DPP8	iCAFs-M16	0.129979
SRP68	iCAFs-M16	0.141757
RGS10	iCAFs-M16	0.141866
DLGAP4	iCAFs-M16	0.145682
IDH1	iCAFs-M16	0.147279
HMGR	iCAFs-M16	0.156192
NAPG	iCAFs-M16	0.164184
LIMK2	iCAFs-M16	0.165105
RNF14	iCAFs-M16	0.177171
UCK2	iCAFs-M16	0.177586
MINPP1	iCAFs-M16	0.178921
TLDC1	iCAFs-M16	0.181453
TOR1A	iCAFs-M16	0.18753
ZBED1	iCAFs-M16	0.188609
PGM2L1	iCAFs-M16	0.189402
RAB12	iCAFs-M16	0.190296
TCEAL9	iCAFs-M16	0.193872
XPOT	iCAFs-M16	0.19428

Table S1 (continued)

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Gene name	Module	kME
GNAI2	iCAFs-M16	0.198239
S100A4	iCAFs-M16	0.209105
AP3D1	iCAFs-M16	0.209131
SMAD4	iCAFs-M16	0.216049
CCND1	iCAFs-M16	0.222519
CDR2L	iCAFs-M16	0.22644
COPB2	iCAFs-M16	0.231315
HSP90B1	iCAFs-M16	0.23823
UBP1	iCAFs-M16	0.23855
EDEM1	iCAFs-M16	0.252363
SYVN1	iCAFs-M16	0.255122
ADAM10	iCAFs-M16	0.257047
KCTD10	iCAFs-M16	0.257383
ARPC4	iCAFs-M16	0.257661
STRAP	iCAFs-M16	0.257788
AMPD2	iCAFs-M16	0.258725
TSKU	iCAFs-M16	0.261398
PDIA4	iCAFs-M16	0.264308

Table S1 (continued)

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Gene name	Module	kME
<i>RAP1B</i>	iCAFs-M16	0.267824
<i>YKT6</i>	iCAFs-M16	0.271487
<i>SLC39A6</i>	iCAFs-M16	0.276366
<i>IBTK</i>	iCAFs-M16	0.277789
<i>IMPAD1</i>	iCAFs-M16	0.283146
<i>CHPF2</i>	iCAFs-M16	0.285215
<i>RPN2</i>	iCAFs-M16	0.295929
<i>SLC2A10</i>	iCAFs-M16	0.299124
<i>TANC1</i>	iCAFs-M16	0.302261
<i>RPN1</i>	iCAFs-M16	0.305996
<i>SIPA1L1</i>	iCAFs-M16	0.306172
<i>GNA12</i>	iCAFs-M16	0.306304
<i>NPTN</i>	iCAFs-M16	0.318676
<i>YAP1</i>	iCAFs-M16	0.320466
<i>WWC2</i>	iCAFs-M16	0.329593
<i>SGCB</i>	iCAFs-M16	0.331213
<i>P3H1</i>	iCAFs-M16	0.331958
<i>SEC23A</i>	iCAFs-M16	0.338058
<i>TTYH3</i>	iCAFs-M16	0.340158
<i>ACTR2</i>	iCAFs-M16	0.343272
<i>COPB1</i>	iCAFs-M16	0.354172
<i>CHSY1</i>	iCAFs-M16	0.355412
<i>TMEM30A</i>	iCAFs-M16	0.36788
<i>ATP2A2</i>	iCAFs-M16	0.372208
<i>ROBO1</i>	iCAFs-M16	0.375012
<i>P3H4</i>	iCAFs-M16	0.37971
<i>IGF1R</i>	iCAFs-M16	0.381148
<i>MORF4L2</i>	iCAFs-M16	0.383077
<i>BCAT1</i>	iCAFs-M16	0.383448
<i>PRRX1</i>	iCAFs-M16	0.38796
<i>SEC24D</i>	iCAFs-M16	0.391883
<i>FRMD6</i>	iCAFs-M16	0.404829
<i>TIMP2</i>	iCAFs-M16	0.422682
<i>MRC2</i>	iCAFs-M16	0.426173

Table S1 (continued)

Table S1 (continued)

Gene name	Module	kME
<i>MICAL2</i>	iCAFs-M16	0.431465
<i>LAMB1</i>	iCAFs-M16	0.443021
<i>GREM1</i>	iCAFs-M16	0.447023
<i>PLOD1</i>	iCAFs-M16	0.454652
<i>FNDC3B</i>	iCAFs-M16	0.46111
<i>DKK3</i>	iCAFs-M16	0.468781
<i>FKBP10</i>	iCAFs-M16	0.483669
<i>BMP1</i>	iCAFs-M16	0.493333
<i>LAMC1</i>	iCAFs-M16	0.514643
<i>INHBA</i>	iCAFs-M16	0.568777
<i>ADAMTS2</i>	iCAFs-M16	0.589985
<i>LOXL2</i>	iCAFs-M16	0.608765
<i>MXRA5</i>	iCAFs-M16	0.645813
<i>COL3A1</i>	iCAFs-M16	0.672014
<i>COL5A2</i>	iCAFs-M16	0.677248

iCAF, inflammatory cancer-associated fibroblast; kME, eigengene-based connectivity.

Table S2 Kaplan-Meier analysis results of nine hub genes

Gene	HR	HR.95L	HR.95H	P value
<i>FKBP10</i>	1.175172	1.058042	1.305269	0.002585
<i>TCEAL9</i>	1.231983	1.044333	1.453352	0.013343
<i>COL5A2</i>	1.18364	1.033626	1.355426	0.014758
<i>BCAT1</i>	1.147804	1.025342	1.284893	0.016633
<i>INHBA</i>	1.171453	1.0291	1.333498	0.016671
<i>ADAM10</i>	1.203479	1.026723	1.410664	0.022291
<i>SEC23A</i>	1.324737	1.040329	1.686897	0.022572
<i>FNDC3B</i>	1.100847	1.00929	1.20071	0.030106
<i>CCND1</i>	0.765005	0.589363	0.992992	0.044135

HR, hazard ratio; HR.95L, lower 95% confidence interval of hazard ratio; HR.95H, upper 95% confidence interval of hazard ratio.