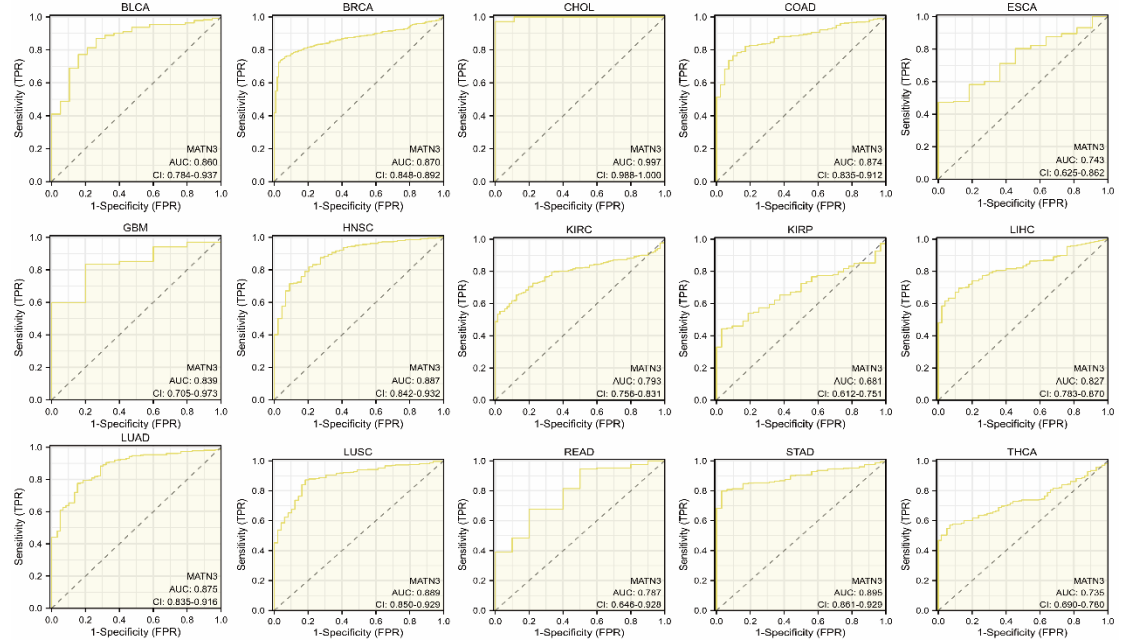


# Figure legends

## FigureS1 S1



## **Figure legends**

**FigureS1.** Diagnostic value of MATN3 in 15 cancers types.

# Tables

## Table S1

### The clinical parameters of 30 patients

Pati ents	Gen der	A ge	Cance r type	CN LC	BC LC	Child pugh	AFP(n g/ml)	Vasc ular Tumo r thro mbus	M V I	Smoking history	Alcohol history	H B V	hypert ension	diab etes	Hea rt dis eas e	His tory of sur ger y	Othe r Dise ases
1	male	54	HCC	IA	A	A	40.12	0	M0	1	1	1	0	0	0	0	0
2	male	66	HCC	IA	A	A	1560.3	0	M0	0	1	1	0	0	0	1	0
3	female	69	HCC	IB	B	A	152.57	1	M0	0	0	0	0	0	0	0	0
4	female	72	HCC	IIA	B	A	34.14	0	M0	1	1	1	0	0	0	0	0
5	male	51	HCC	IA	A	A	156.34	1	M0	1	1	1	0	0	0	1	0
6	female	70	HCC	IIA	B	A	5.51	0	M0	0	0	1	0	0	0	0	0
7	male	44	HCC	IB	B	A	1.51	0	M1	0	1	1	0	0	0	1	0
8	male	44	HCC	IA	A	A	889.67	1	M0	1	1	0	0	0	0	0	0
9	male	59	HCC	IA	A	A	54.62	0	M0	1	1	1	0	0	0	0	0
10	male	71	HCC	II B	B	A	3.15	0	M0	0	0	1	1	1	0	0	1
11	male	39	HCC	IA	A	A	46.56	0	M0	0	0	1	0	0	0	0	0
12	male	43	HCC	IA	A	A	2.63	0	M1	1	1	1	0	0	0	0	0
13	male	57	HCC	IA	A	A	78.36	0	M0	1	1	1	0	0	0	1	0
14	female	72	HCC	II B	B	A	123.36	0	M0	1	1	1	0	0	0	0	0
15	male	35	HCC	IA	A	A	65.39	0	M0	1	0	1	0	0	0	0	0
16	female	48	HCC	II B	B	A	477.32	0	M0	0	0	1	0	0	0	1	0
17	male	34	HCC	IA	A	A	68.36	0	M0	1	1	1	0	0	0	0	0
18	male	57	HCC	IA	A	A	135.36	0	M0	1	1	1	0	0	0	0	0
19	female	72	HCC	IA	A	A	89.57	0	M0	0	0	1	0	0	0	0	0
20	male	53	HCC	IA	A	A	75.5	1	M0	0	0	1	0	0	0	0	0
21	female	44	HCC	IA	A	A	2.89	0	M0	0	0	1	0	0	0	0	0
22	male	45	HCC	II B	B	A	89.45	0	M1	0	1	1	0	0	0	1	0
23	male	60	HCC	IA	A	A	45.68	0	M0	1	1	0	1	0	0	1	0
24	female	59	HCC	IA	A	A	84.54	0	M0	0	0	1	0	0	0	0	0
25	female	67	HCC	II B	B	A	356.45	0	M0	0	0	1	0	0	0	0	0
36	male	44	HCC	IA	A	A	56.54	0	M0	1	1	1	0	0	0	0	0
37	female	69	HCC	IA	A	A	86.65	0	M1	0	0	1	0	0	0	0	0
38	female	41	HCC	IA	A	A	68.98	0	M0	0	0	1	0	0	0	0	0
39	male	66	HCC	II B	B	A	59.67	0	M0	1	1	1	0	0	0	0	0
30	male	67	HCC	IA	A	A	167.65	0	M0	1	1	1	0	0	0	0	0

**Table S2****Logistic regression analysis of MATN3 expression.**

Characteristics	Total (N)	OR (95% CI)	P value
Age (> 60 vs. <= 60)	373	0.602 (0.400 – 0.907)	<b>0.015</b>
Gender (Male vs. Female)	374	0.843 (0.546 – 1.300)	0.439
Race (White vs. Asian&Black or African American)	362	0.976 (0.646 – 1.474)	0.909
BMI (> 25 vs. <= 25)	337	0.920 (0.600 – 1.410)	0.701
AFP(ng/ml) (> 400 vs. <= 400)	280	1.446 (0.829 – 2.524)	0.194
Child-Pugh grade (B&C vs. A)	241	0.992 (0.411 – 2.392)	0.985
Pathologic T stage (T3&T4 vs. T1&T2)	371	1.723 (1.069 – 2.777)	<b>0.025</b>
Pathologic N stage (N1 vs. N0)	258	71472866.1094 (0.000 – Inf)	0.995
Pathologic M stage (M1 vs. M0)	272	2.912 (0.299 – 28.345)	0.357
Pathologic stage (Stage III&Stage IV vs. Stage I&Stage II)	350	1.833 (1.126 – 2.985)	<b>0.015</b>
Histologic grade (G3&G4 vs. G1&G2)	369	1.312 (0.858 – 2.005)	0.21
Tumor status (With tumor vs. Tumor free)	355	0.918 (0.603 – 1.398)	0.691
Vascular invasion (No vs. Yes)	318	0.813 (0.512 – 1.291)	0.379

**Table S3****Sequence of interfering RNA for MATN3.**

Oligo name		Sequence (5'-3')
MATN3-1368-s	sense strand	GCUUGUGGAUGUGAAGCUA
	antisense strand	UAGCUUCACAUCCACAAGC
MATN3-1068-s	sense strand	ACUUGUUCAGCUCAAGUA
	antisense strand	UAUCUUGAGCUGAACAAAGU
MATN3-1406-s	sense strand	GGUCAGCUCGUAUCUCAA /
	antisense strand	UUGAAGAUACGAGCUGACC
NC	sense strand	UUCUCCGAACGUGUCACGUTT
	antisense strand	ACGUGACACGUUCGGAGAATT
FAM-NC	sense strand	UUCUCCGAACGUGUCACGUTT
	antisense strand	ACGUGACACGUUCGGAGAATT