

Table S1 Characteristics of selected human PAAD cell lines

PAAD cell line	Synonyms	Site	Gender	Earliest known reference
AsPC-1	AsPc-1; Aspc-1; ASPC-1; As-PC1; ASPC1; AsPC1; Aspc1; AsPc1	metastatic lesion	Female	PubMed =7182348 (1982)
BxPC-3	BxPc-3; BXPC-3; Bx-PC3; BXPC3; BxPC3; BxPc3; Biopsy xenograft of Pancreatic Carcinoma line-3	primary lesion	Female	PubMed =3754176 (1986)
PANC-1	Panc-1; PANC.1; Panc 1; PanC1; Panc1; PANC1; Panc-1-P	primary lesion	Male	PubMed =1140870 (1975)
Capan-1	CaPan-1; CAPAN-1; Capan 1; CAPAN 1; Capan1; CAPAN1	metastatic lesion	Male	PubMed =327080 (1977)
Capan-2	CaPan-2; CAPAN-2; Capan 2; CAPAN 2; Capan2; CAPAN2	primary lesion	Male	PubMed =6935474 (1981)
CFPAC-1	CFPac-1; CF PAC-1; CF-PAC1; CF-Pac1; CF Pac1; CFPAC1; CFPac1; CFPAC	metastatic lesion	Male	PubMed =1692630 (1990)
DAN-G	Dan-G; DanG; DANG	primary lesion	Female	PubMed =15126341 (2004)
Hs 766T	Hs 766.T; HS-766T; Hs-766T; HS 766T; HS-766-T; Hs-766-T; HS766T; Hs766T; H766T; 766T; Hs 766	metastatic lesion	Male	PubMed =176412 (1976)
HuP-T3	HUP-T3;Hu-P-T3; HuPT3; HupT3; HUPT3	metastatic lesion	Male	PubMed =8454916 (1993)
HuP-T4	HUP-T4; Hu-P-T4;HuPT4; HUPT4	metastatic lesion	Male	PubMed =8454916 (1993)
KP-2	KP2	primary lesion	Female	PubMed =2172194 (1990)
KP-3	KP3	metastatic lesion	Male	PubMed =2172194 (1990)
KP-4	KP 4; KP4	primary lesion	Male	PubMed =21559554 (1994)
MIA PaCa-2	MIA-PaCa-2; MIA-PACA-2; MIA-Pa-Ca-2; MIA Paca2; MIA PaCa2; MiaPaCa-2; MIAPACA-2; MiaPaca.2; MiaPaCa2; Miapaca2; MIAPaCa2; MIAPACA2; Mia PACA 2; MIAPaCa-2; PaCa2	primary lesion	Male	PubMed =1764370 (1991)
PK-45H	PK-45 H; PK45H	primary lesion	Unknown	PubMed =11115575 (2001)
PK-59	PK59	metastatic lesion	Female	PubMed =7622937 (1995)
PSN1	PSN-1	primary lesion	Male	PubMed =3009377 (1986)
SNU-213	SNU213; NCI-SNU-213	primary lesion	Male	PubMed =12037578 (2002)
SNU-324	SNU324; NCI-SNU-324	primary lesion	Male	PubMed =12037578 (2002)
SU.86.86	Su.86.86; SU 86.86; SU-86-86; Su-86-86; SU86.86; SU86-86; SU86_86; Su86_86; SU8686; SU.86	metastatic lesion	Female	PubMed =3264833 (1988)
SNU-410	SNU410; NCI-SNU-410	metastatic lesion	Male	PubMed =12037578 (2002)
SUIT-2	Suit-2; SUIT 2; SUIT2; Suit2	primary lesion	Male	PubMed =3102439 (1987)
SW1990	SW-1990; SW 1990	metastatic lesion	Male	PubMed =6871872 (1983)
T3M-4	T3M4; Panc89; Panc-89; PANC-89; Panc 89	primary lesion	Male	PubMed =6821838 (1983)
YAPC	/	primary lesion	Male	PubMed =9533774 (1998)
HPAC	Hpac	primary lesion	Female	PubMed =25939163 (1994)
Panc 02.13	Panc 2.13; Panc-02.13; PANC-02-13; Panc2.13; PANC0213; PL1; PL-1	primary lesion	Female	PubMed =9612602 (1998)
Panc 03.27	Panc 3.27; Panc-03.27; PANC-03-27; Panc_03_27; Panc-3_27; PANC3.27; Panc3.27; Panc3_27; PANC 327; Panc327; Panc-327; PANC0327; Panc0327; PL11; PL-11	primary lesion	Female	PubMed =9612602 (1998)
Panc 04.03	PANC-04-03; Panc_04_03; Panc04.03; Panc 4.03; PANC 4.03; Panc4.03; PANC0403; Panc0403; PANC403; Pa17C; Pa017C; PL5; PL-5; PL 5	primary lesion	Male	PubMed =9612602 (1998)
Panc 05.04	Panc-05.04; Panc_05_04; Panc05.04; Panc 5.04; Panc5.04; PANC0504; Panc0504; Pa18C	primary lesion	Female	PubMed =9612602 (1998)
Panc 08.13	Panc 8.13; Panc-08.13; PANC-08-13; Panc_08_13; Panc08.13; Panc8.13; Panc-8_13; Panc-813; PANC 813; Panc813; PANC813; PANC0813; Panc0813; Pa14C; PL9; PL-9	primary lesion	Male	PubMed =9612602 (1998)
Panc 10.05	Panc-10.05; Panc10.05; PANC-10-05; PANC 1005;PANC1005;Panc1005; Pa16C; PL12; PL-12	primary lesion	Male	PubMed =9612602 (1998)
PK-1	PK1	metastatic lesion	Male	PubMed =6205469 (1984)

Cell line information were obtained from Cellosaurus (<https://web.expasy.org/cellosaurus/>). PAAD, pancreatic adenocarcinoma .

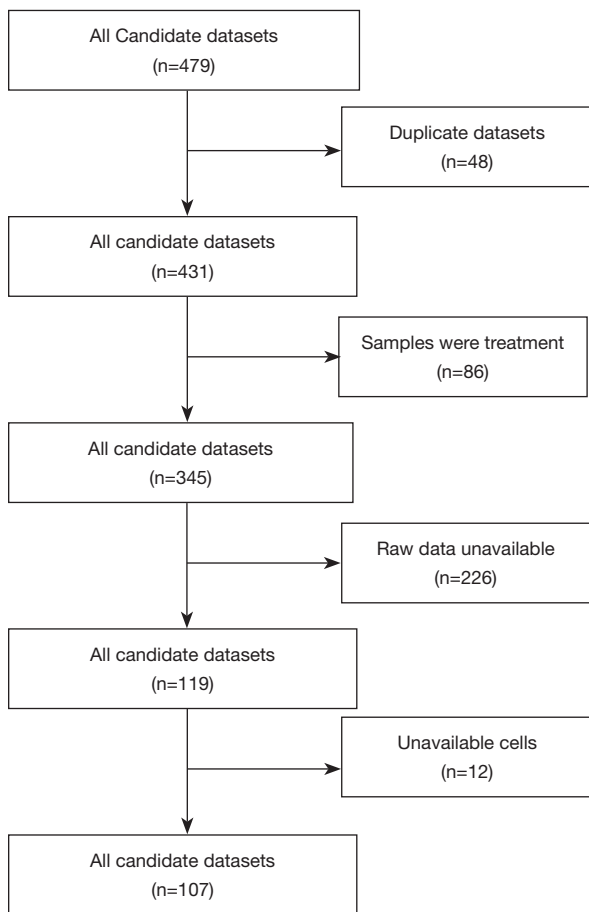


Figure S1 flow diagram of the procedure for the dataset search.

Table S2 Samples of PAAD cell lines/tissues in GEO platform

PAAD cell lines/tissues	Numbers of samples
AsPC-1	18
BxPC-3	32
Capan-1	4
Capan-2	5
CFPAC-1	9
DAN-G	2
HPAC	3
Hs 766T	5
HuP-T3	3
HuP-T4	2
KP-2	1
KP-3	1
KP-4	2
MIA PaCa-2	25
Panc 02.13	3
Panc 03.27	8
Panc 04.03	5
Panc 05.04	6
Panc 08.13	4
Panc 10.05	4
PANC-1	31
PK-1	4
PK-45H	2
PK-59	4
PSN1	2
SNU-213	1
SNU-324	1
SNU-410	1
SU.86.86	9
SUIT-2	4
SW1990	3
T3M-4	1
YAPC	1
Normal pancreas	260
Pancreatic adenocarcinoma	892

PAAD, pancreatic adenocarcinoma; GEO, Gene Expression Omnibus.

