

Supplementary table 1**Clinicopathological data of PDAC and pancreatic adenoma included in this study**

Sample	Gender	Age (y)	Location	Differentiation type	Metastases	NC (%)
C1	Male	65	Tail	Moderately differentiated	Yes	40
C2	Male	58	Body	Moderately differentiated	Yes	60
C3	Male	40	Head	Poorly differentiated	No	45
C4	male	49	Head	Well differentiated	Yes	50
C5	Male	67	Head	Moderately differentiated	Yes	40
C6	Female	49	Tail	Well differentiated	No	50
C7	Female	55	Head	Poorly differentiated	Yes	70
C8	Male	64	Head	Moderately differentiated	No	30
C9	Female	62	body	Well differentiated	No	40
C10	Female	62	Head	Poorly differentiated	Yes	45
C11	Female	62	Head	Poorly differentiated	Yes	50
C12	Female	73	Head	Poorly differentiated	Yes	50
A1	Male	63		Serous cystic neoplasm		
A2	Male	64		Serous cystic neoplasm		
A3	Female	70		Serous cystic neoplasm		
A4	Male	72		Serous cystic neoplasm		
A5	Male	56		Serous cystic neoplasm		
A6	Male	59		Serous cystic neoplasm		
A7	Female	59		Serous cystic neoplasm		
A8	Male	78		mucinous cystic neoplasm		
A9	Male	55		mucinous cystic neoplasm		
A10	Male	81		mucinous cystic neoplasm		
A11	Male	62		mucinous cystic neoplasm		
A12	Male	62		mucinous cystic neoplasm		

C, Pancreatic ductal cancer

A, Pancreatic cystadenoma

NC, that is neoplastic cellularity, is the volume% of neoplastic cells in bulk PDAC and pancreatic adenoma tissues

Supplementary table 2**Cydye and sample distribution in DIGE analysis.**

<i>Gel</i>	<i>Cy2 standard</i>	<i>Cy3</i>	<i>Cy5</i>
1	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C1	50µg N1
2	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C2	50µg N2
3	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C3	50µg N3
4	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C4	50µg N4
5	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C5	50µg N5
6	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C6	50µg A1
7	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C7	50µg A2
8	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C8	50µg A3
9	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C9	50µg A4
10	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C10	50µg A5
11	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C11	50µg A6
12	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg C12	50µg A7
13	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg N6	50µg A8
14	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg N7	50µg A9
15	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg N8	50µg A10
16	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg N9	50µg A11
17	50µg (1.47µg each of C1-12, A1-12,N1-10)	50µg N10	50µg A12