

**Additional file 3.** Clinicopathological characteristics of the 33 pancreatic adenocarcinoma patients. Data were shown as mean  $\pm$  SD of H-score.

	Early stage	Late stage
	n=17	n=16
	mean $\pm$ SD	mean $\pm$ SD
Axl	125.1 $\pm$ 30.4	134.2 $\pm$ 27.0
pAxl	93.1 $\pm$ 59.2	109.9 $\pm$ 67.9
pTNS2	151.3 $\pm$ 48.9	140.5 $\pm$ 52.2
TNS2	199.2 $\pm$ 27.6	200.2 $\pm$ 24.8
Glut4	157.6 $\pm$ 45.5	165.3 $\pm$ 35.2
IRS1	129.2 $\pm$ 45.4	129.0 $\pm$ 25.7

Early stage: stage IIa and earlier; Late stage: stage IIb and later stages