Supplementary Figure S1

A Autophagy levels in Ductal cells

B

Percent Expressed
- 0
- 25
- 50
- 75

Average Expression

C Antigen-presenting genes | Interferon-induced genes

D

E Human PDAC (CD11c Low) | Human PDAC (CD11c High)

F PDAC (CD11c Low vs High)

CD11c Low
CD11c High

* p=0.0193

Number at risk

Low	20	11	7	5
High	19	16	13	12

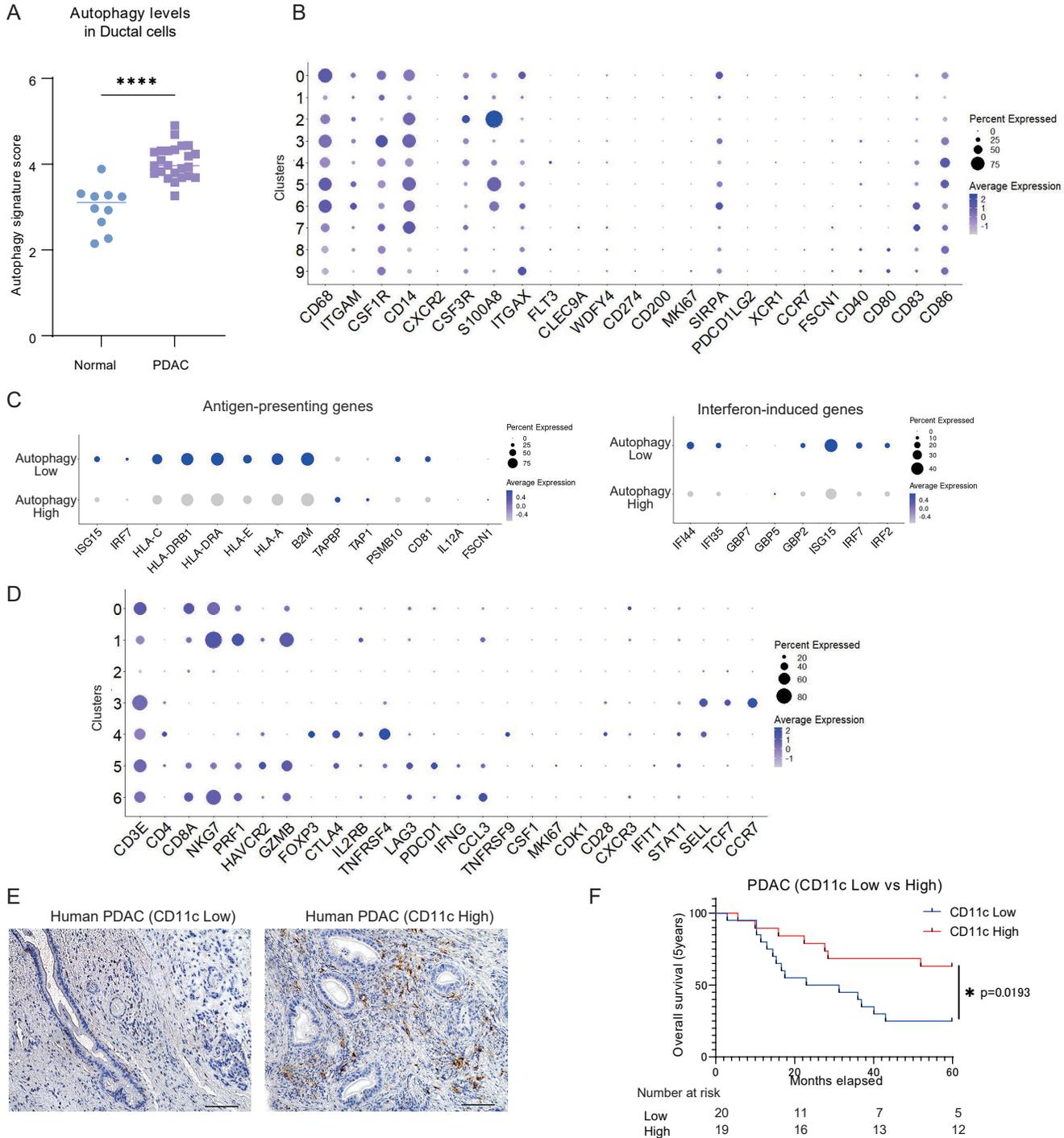**Supplementary Fig. S1. Analysis of human PDAC tumors reveals a negative correlation between autophagy in cancer cells and DC activation**

(A) "Autophagy signature score" for each case. These scores were compared between the normal and PDAC groups.

(B) Dot plots showing the expression of key signature genes used in the identification of the specific myeloid cell clusters presented in Fig. 1B; '0', '5', and '8' were identified as DC clusters.

(C) Dot plots showing the expression of key signature genes used to calculate the functional signature scores of DC clusters in Fig. 1C.

(D) Dot plots showing the expression of key signature genes used in the identification of each T cell clusters in Fig. 1D.

(E, F) Immunohistochemistry was performed to evaluate the level of CD11c expression in 39 PDAC patients. Representative images of CD11c-Low and CD11c-High PDAC tumors (E), and Kaplan-Meier overall survival analysis of PDAC patients in relation to CD11c expression (F).

Scale bars, 100 μm (E). Bars, median; ****$p < 0.0001$; analyzed using the Student's t-test (A).