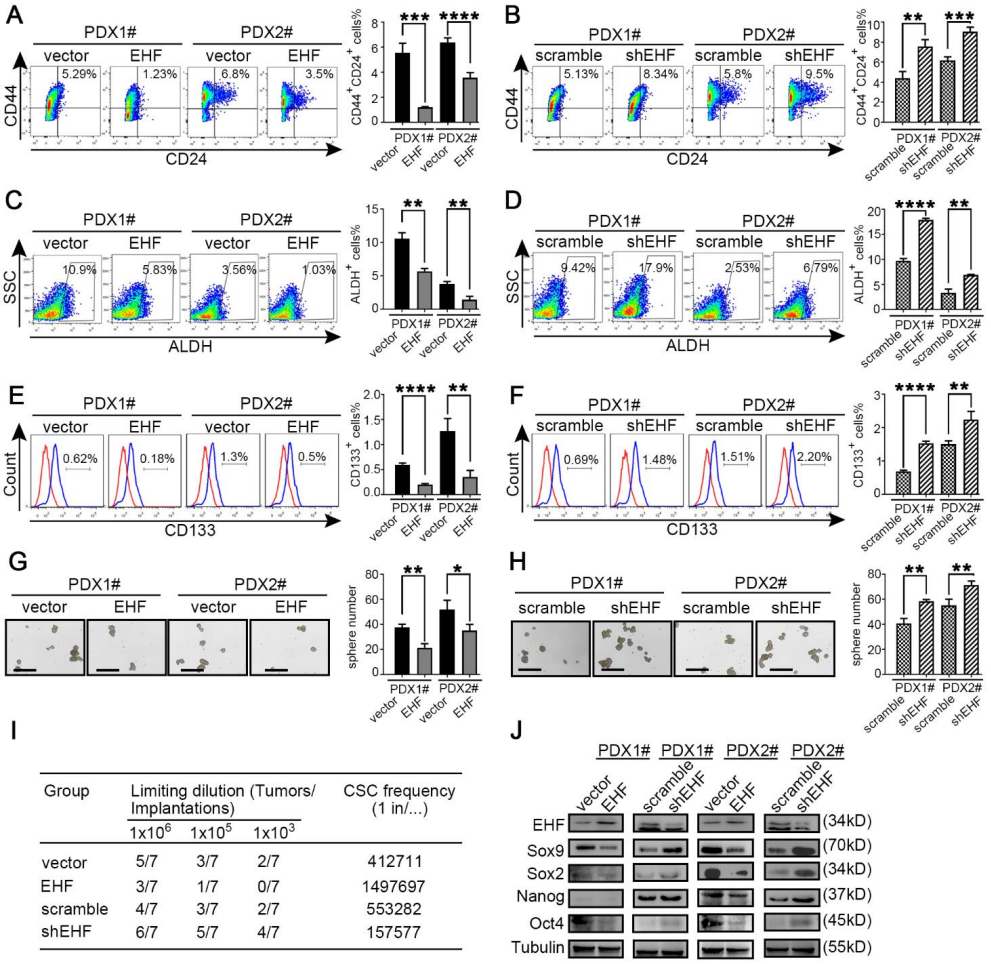

Group	Limiting dilution (Tumors/ Implantations)			CSC frequency (1 in/...)
	$1x10^6$	$1x10^5$	$1x10^3$	
vector	5/7	3/7	2/7	412711
EHF	3/7	1/7	0/7	1497697
scramble	4/7	3/7	2/7	553282
shEHF	6/7	5/7	4/7	157577

Supplementary figure 4. Tumoral EHF regulates pancreatic cancer stemness in PDX1#-vector/EHF, PDX1#-scramble/shEHF, PDX2#-vector/EHF and PDX2#-scramble/shEHF. (A-B) The proportion of $CD44^+CD24^+$ cells in indicated cell lines were analyzed using flow cytometry. Representative dot plots (A, left; B, left) and percentage of $CD44^+CD24^+$ cells (A, right; B, right) were shown. (C-D) The proportion of $ALDH^+$ cells in indicated cells were analyzed using flow cytometry. Representative dot plots (C, left; D, left) and percentage of $ALDH^+$ cells (C, right; D, right) were shown. (E-F) The proportion of $CD133^+$ cells in indicated cells were analyzed using flow cytometry. Representative histograms (E, left; F, left) and percentage of $CD133^+$ cells (E, right; F, right) were shown. (G-H) Sphere formation assays were performed in indicated cell lines. Representative images (G, left; H, left) and sphere number analysis (G, right; H, right) were shown. Bars:100μm. (I) In vivo limited dilution assays for PDX1#-vector/EHF and PDX1#-scramble/shEHF cell lines were performed. Representative tumor incidence and CSC probabilities were shown. (J) Western blot on EHF, Sox9, Sox2, Nanog and Oct4 were analyzed in indicated cell lines. β- tubulin was used as loading control. Representative results were shown. All experiments were repeated three times independently. Paired Student's t-test were used for in vitro experiments.*P<0.05, **P<0.01, ***P<0.001 and ****P<0.0001.