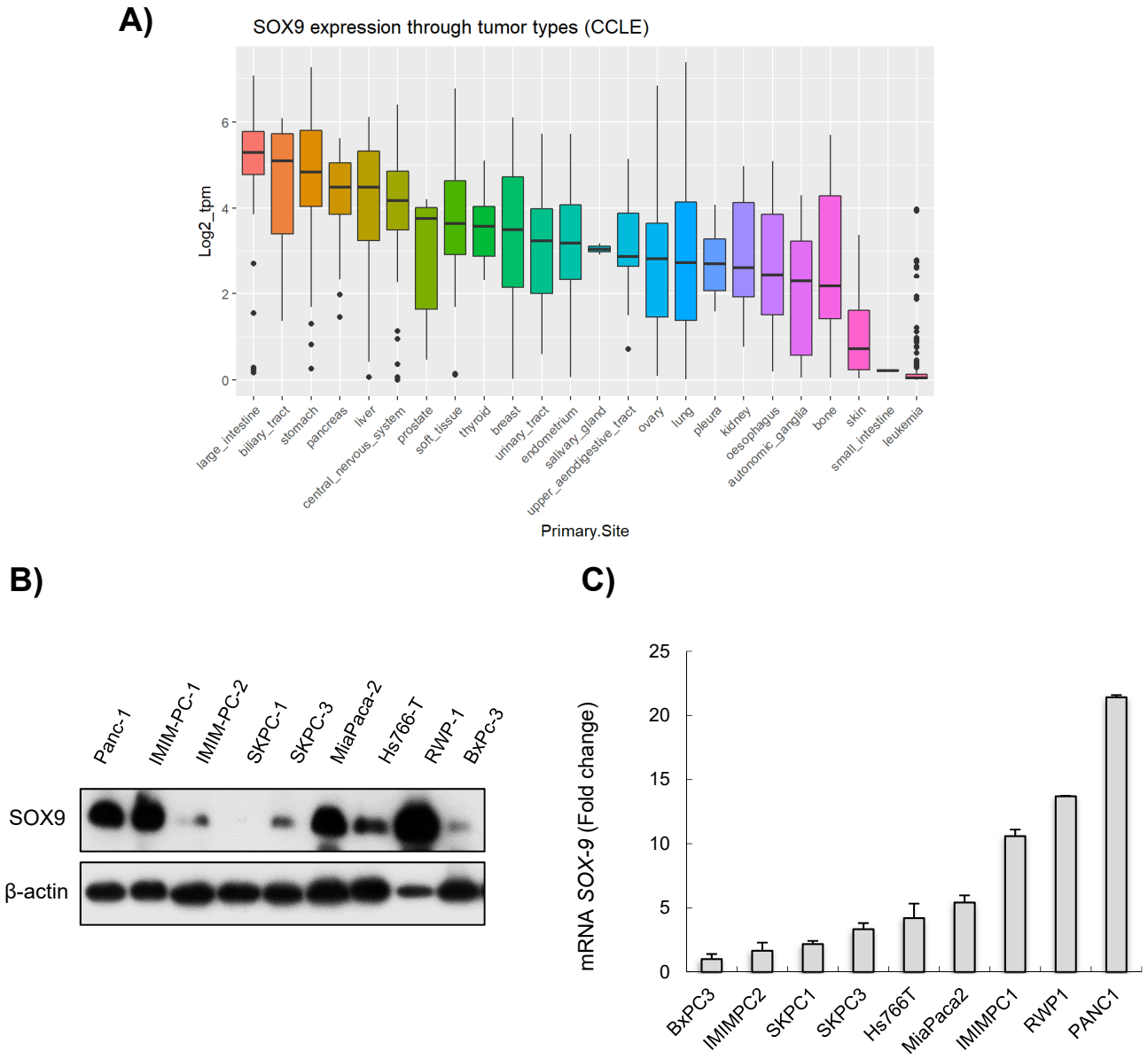
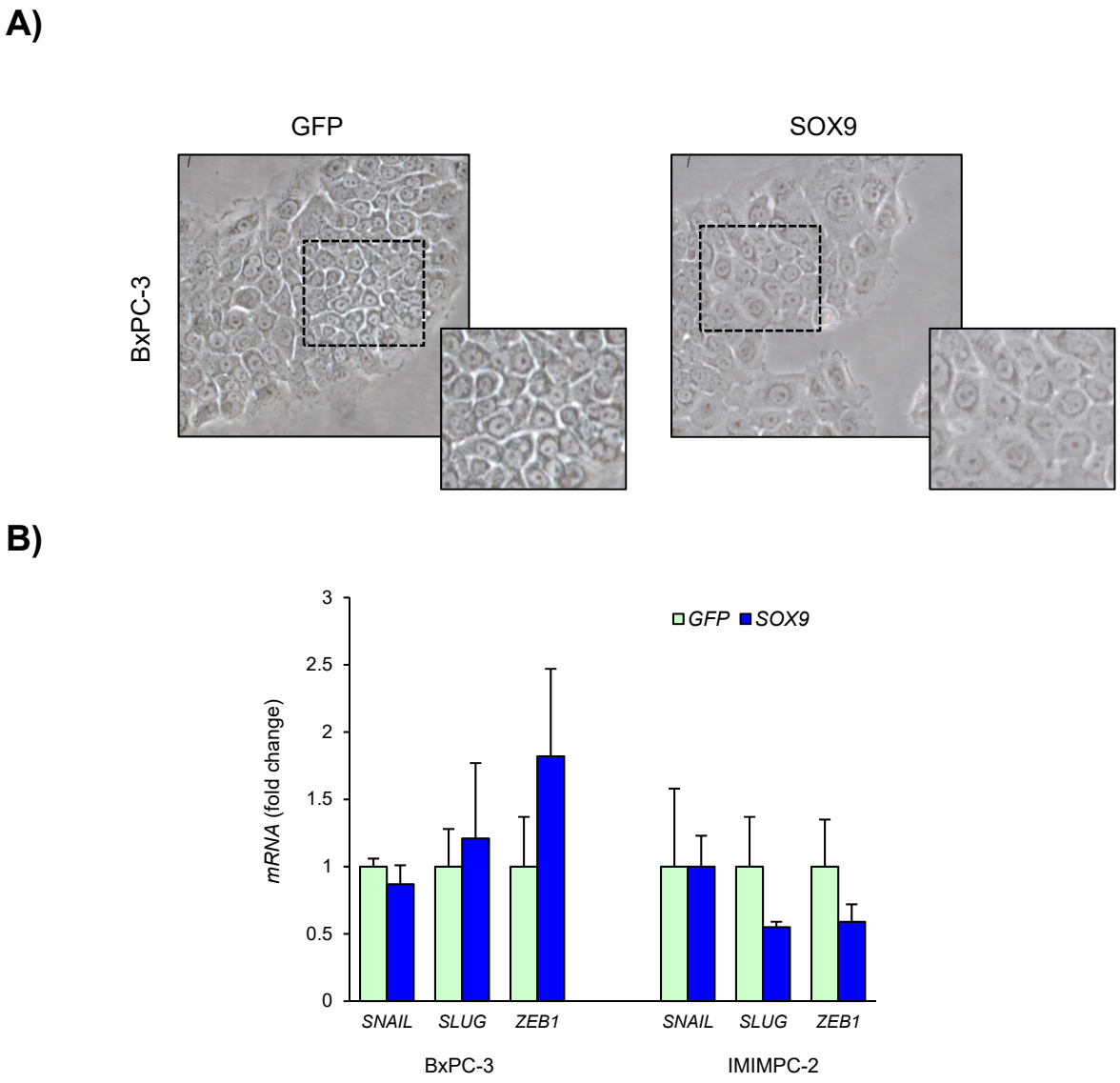


Suppl. Figure S1: High levels of SOX9 in pancreatic cancer cells

(**A**) Box plots representing *SOX9* expression in cancer cell lines grouped according to the primary tumor site. *SOX9* expression in pancreatic tumors ranks fourth out of a total of 24 different tissues. Information extracted from The Cancer Cell Line Encyclopedia (CCLE) (www.broadinstitute.org/ccle). (**B**) Representative Western blot of SOX9 in a panel of pancreatic cancer cell lines. Metastatic cell lines: RWP-1 and IMIMPC-1 (liver metastasis), and Hs766T (lymph node metastasis). Poor differentiated cell lines: Panc-1, SKPC-3 and MiaPaca-2. More differentiated cell lines: IMIMPC-2, SKPC-1 and BxPC-3. (**C**) Representation of *SOX9* mRNA expression the panel of 9 pancreatic cancer cell lines represented in Supp 1B.

Fig. Suppl. S1 Carrasco-Garcia et al.,



Suppl Figure S2: Characteristics of SOX9 overexpressing cells.

(**A**) Representative image showing the morphology and organization of *SOX9* up-regulated BxPC-3 cells (SOX9) and BxPC-3 cells transduced with the corresponding empty vector (GFP). (**B**) *SNAIL, SLUG* and *ZEB1* mRNA expression in primary PDAC cell lines with ectopic *SOX9* overexpression (n≥3).

Fig. Suppl. S2 Carrasco-Garcia et al.,

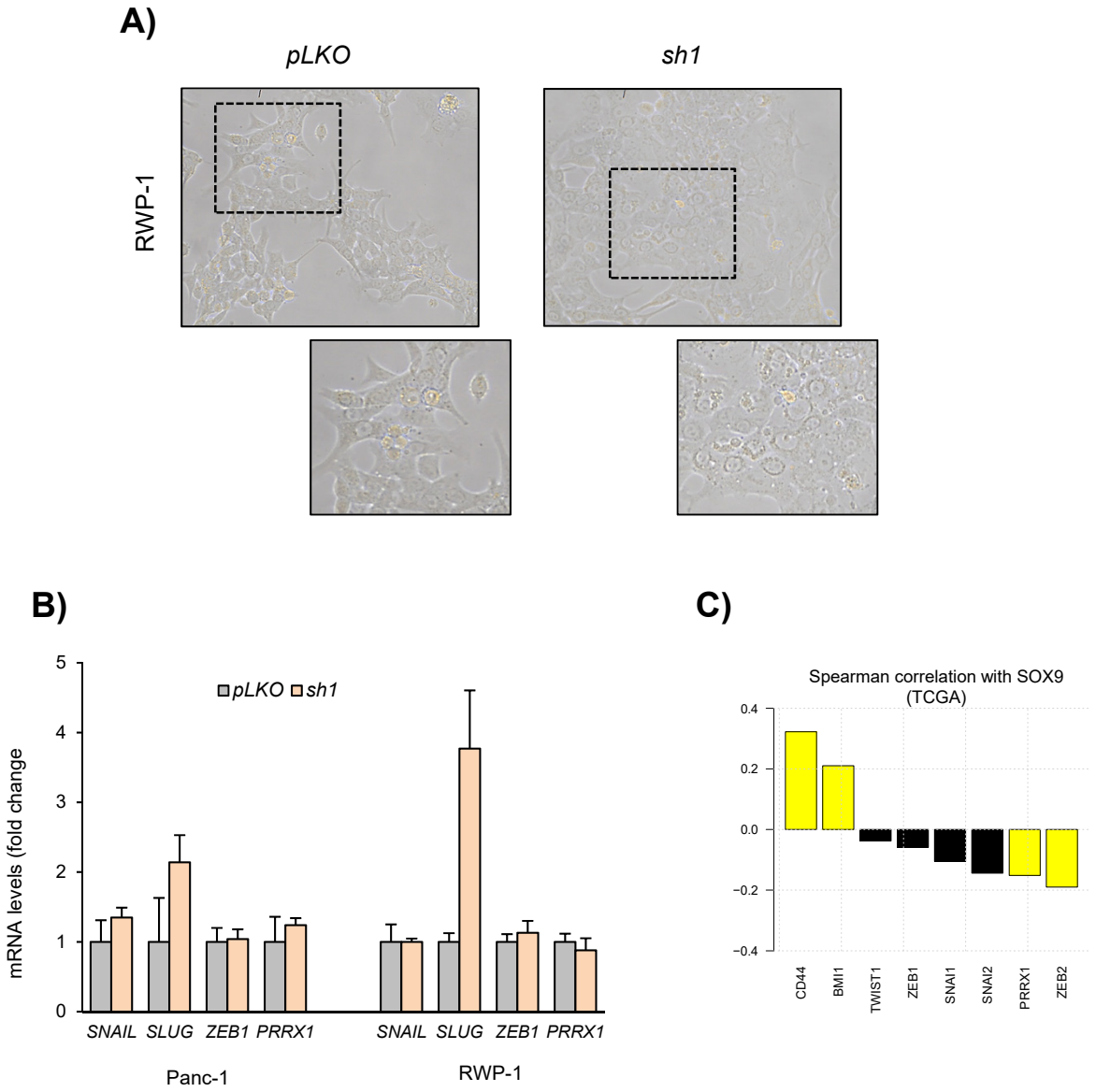


Figure Suppl S3: Characteristics of SOX9 knock-down cells.

(**A**) Representative images showing the epithelial morphology acquired by RWP-1 cells in response to SOX9 silencing (sh1). (**B**) *SNAIL, SLUG, ZEB1* and *PRRX1* mRNA expression in *SOX9*-silenced PDAC cells (sh1) respect to control cells transduced with the empty vector (pLKO) (n≥3). (**C**) Spearman correlation of the expression of the indicated genes with *SOX9* expression in the samples of pancreatic cancer of TCGA. Significant in yellow (p≤0.05).

Fig. Suppl. S3 Carrasco-Garcia et al.,