

Supplementary materials

Clinical Implications of Lysyl Oxidase-Like Protein 2 Expression in Pancreatic Cancer

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Supplementary figure S1. *Lox* family gene, E-cadherin and Vimentin expression was examined in pancreatic cancer cell lines by RT-PCR. *LOXL2* expression was correlated with EMT status.

Supplementary figure S2. Survival analysis stratified by *LOX* family gene levels in pancreatic cancer (PC) cases from The Cancer Genome Atlas datasets. (A) Kaplan-Meier Analysis for recurrence-free survival (RFS) stratified by *LOX* expression. (B) Kaplan-Meier Analysis for OS stratified by *LOX* expression. (C) Kaplan-Meier Analysis for RFS stratified by *LOXL1* expression. (D) Kaplan-Meier Analysis for OS stratified by *LOXL1* expression. (E) Kaplan-Meier Analysis for RFS stratified by *LOXL3* expression. (F) Kaplan-Meier Analysis for OS stratified by *LOXL3* expression. (G) Kaplan-Meier Analysis for RFS stratified by *LOXL4* expression. (H) Kaplan-Meier Analysis for OS stratified by *LOXL4* expression.

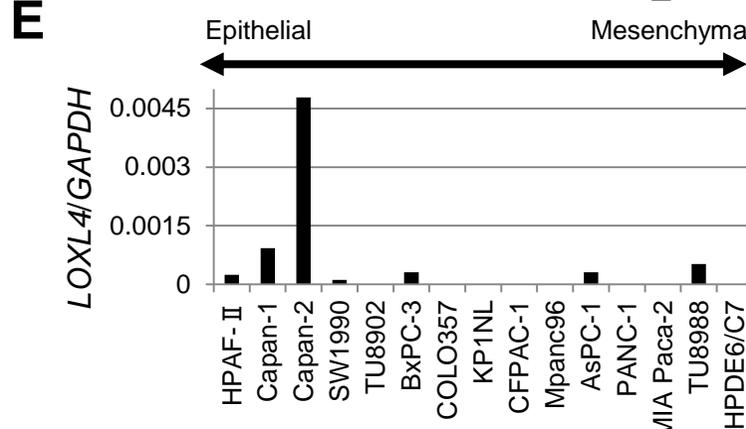
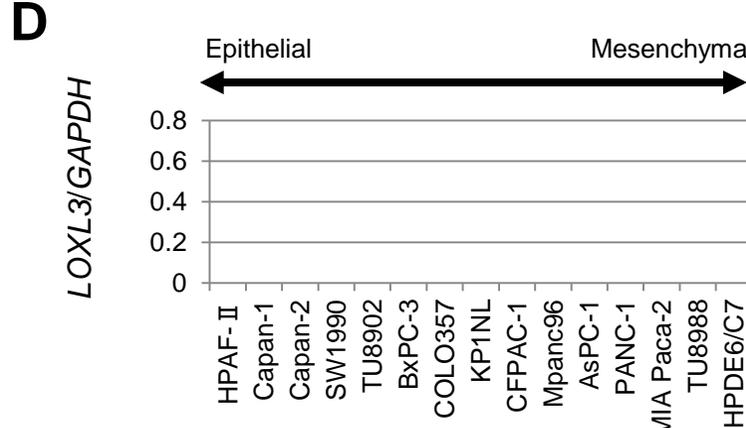
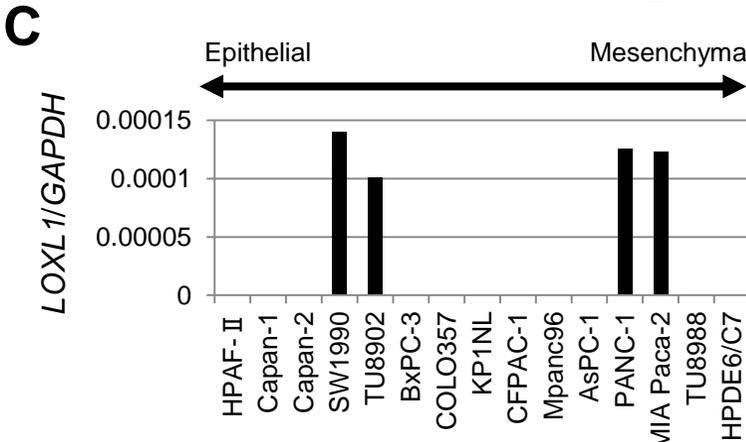
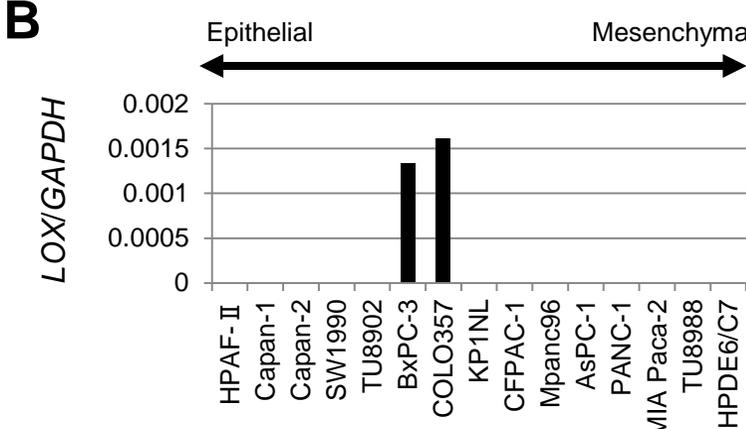
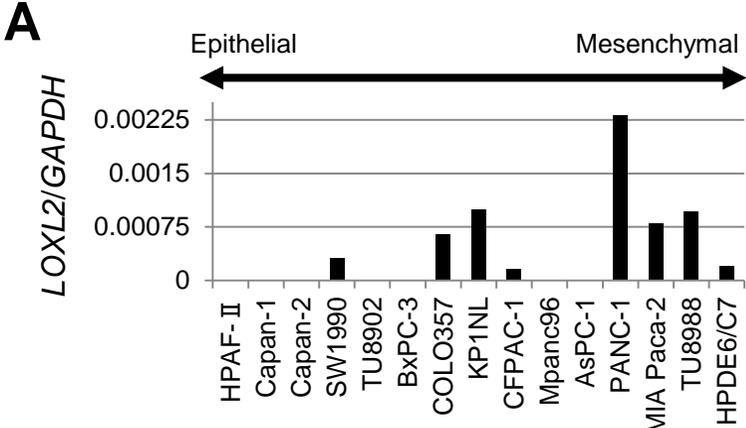
Supplementary table S1. Primer sets designed for RT- PCR assay in this study

Primer	Sequence	Genome position	Length (bp)
LOX_F	GCGGCGGAGGAAAACCTGT	964-981	19
LOX_R	AGCAGCACCCCTGTGATCATAATC	1015-1037	24
LOXL1_F	GACTGCCAGTGGATCGACATAA	1875-1896	22
LOXL1_R	CTCCAAAACAATATACTTTGGGTTCA	1936-1961	26
LOXL2_F	CTCCCAGATCCACAACAATGG	2139-2159	21
LOXL2_R	AGCAGGTCATAGTGGGTGAACA	2240-2261	22
LOXL3_F	TGCAAATATGATGGACATAGAATCTG	1809-1834	26
LOXL3_R	CAAACCTCCTGTTGGCCTCTT	1870-1890	21
LOXL4_F	GGGCCCCGGGAATTATATCT	2215-2234	20
LOXL4_R	GCATATTGTTGGAGAAATCTGACTCT	2269-2294	26
GAPDH_F	GAAGGTGAAGGTCGGAGTC	19-40	19
GAPDH_R	GAAGATGGTGATGGGATTC	69-94	20

Supplementary table S2. The grading of staining range and staining concentration.

Grade	3	2	1
Staining range	More than 50% of the field of view	From more than 20% to less than 50%	No staining or less than 20%
Staining concentration	High	Intermediate	Non or weak

Supplementary figure S1



Supplementary figure S2

