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Translational Studies Reveal the Divergent Effects of Simtuzumab Targeting LOXL2 in Idiopathic Pulmonary Fibrosis

Supplementary Information

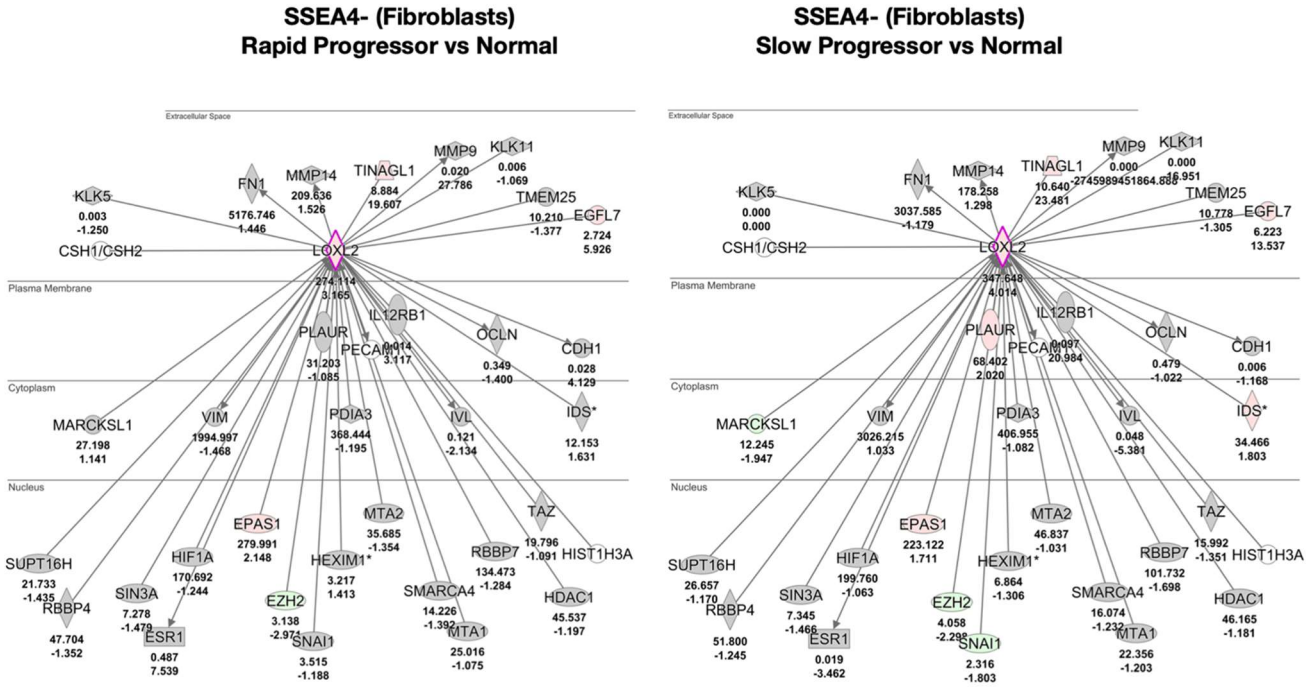

Figure S1. LOXL2 interaction network on sorted SSEA4- fibroblasts in Slow and Rapid-IPF progressors versus Normal cells. The mean FPKM counts and fold-change for interaction molecules from slow-IPF and rapid-IPF SSEA4- fibroblasts vs Normal is shown below each gene.

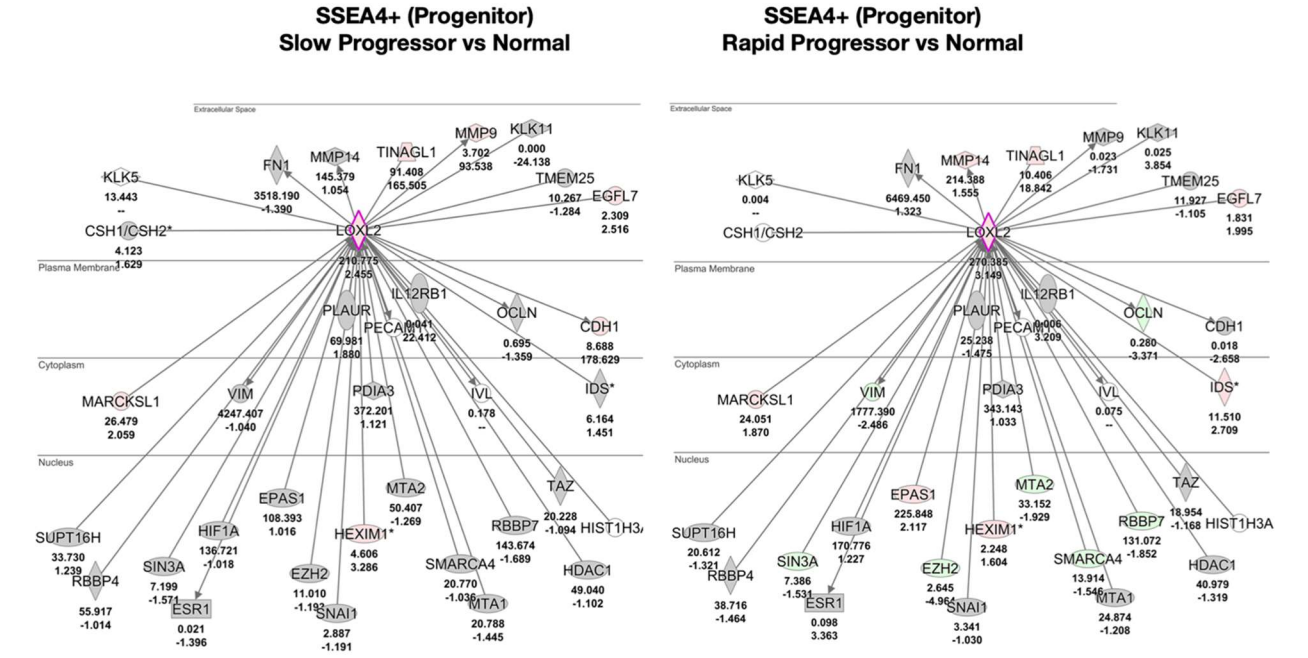

Figure S2. LOXL2 interaction network on SSEA4+ progenitor cells in Slow and Rapid-IPF progressors versus Normal cells. The mean FPKM counts and fold-change for interaction molecules from slow-IPF and rapid-IPF SSEA4+ progenitors vs Normal is shown below each gene.

Table S1. Mean FPKM counts and fold-increase expression of LOXL2 in normal vs slow-IPF and normal vs rapid-IPF SSEA4+ progenitors (a) and SSEA4− fibroblasts from previously analyzed publicly available dataset GSE103488.

Cell type	LOXL2 expression	FPKM (Mean Counts)	Fold-increase (vs Normal)
SSEA4- **Fibroblasts**	Slow Progressor vs Normal	347.64 vs 86.60	4.014
SSEA4- **Fibroblasts**	Rapid Progressor vs Normal	274.11 vs 86.60	3.165
SSEA4+ **Progenitors**	Slow Progressor vs Normal	251.94 vs 85.84	2.45
SSEA4+ **Progenitors**	Rapid Progressor vs Normal	270.38 vs 85.84	3.14

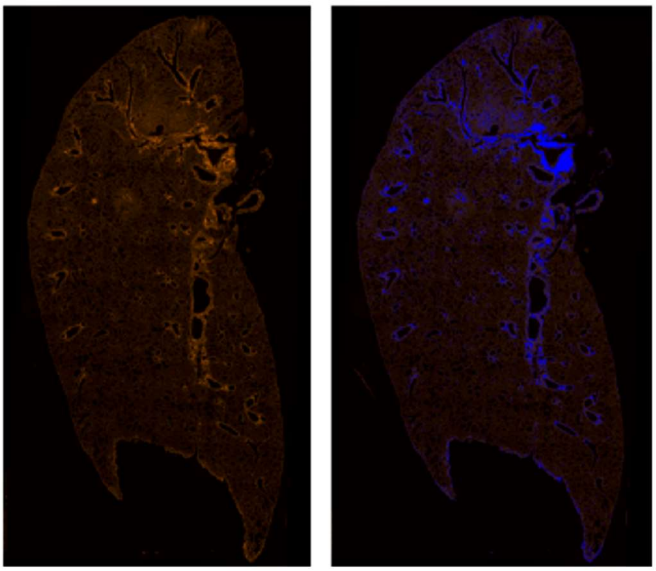

Figure S3. Mask for Picrosirius quantification.