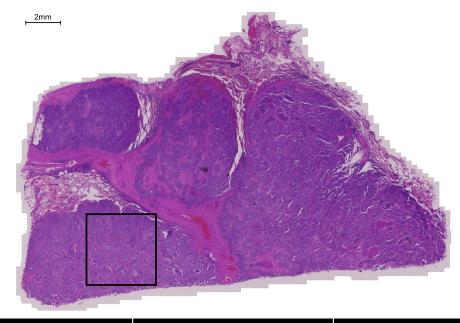
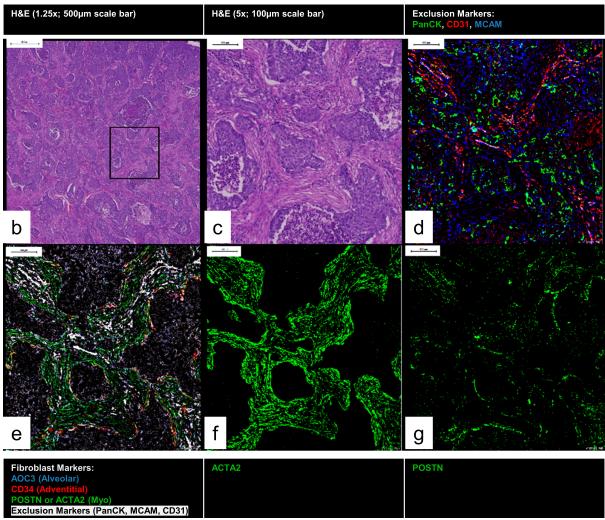
Supplementary Data 15: Additional mxIHC images showing solid morphology regions of LUAD tumour sections (Figures provided below).

- a) Whole slide image of H&E stained control lung tissue, indicating region of interest (ROI) displayed in panel b. Scale bar represents 2mm.
- b) Micrograph of ROI selected from panel a, indicating ROI displayed in panels c-g.
- c-g) Micrographs showing H&E and mxIHC from serial sections. Coloured as described in the associated key.
- c) Shows the H&E image with no markup
- d) Shows a pseudo immunofluorescence (pIF) image from mxIHC staining for exclusion markers individually coloured.
- e) Shows a pseudo immunofluorescence (pIF) image from mxIHC staining for fibroblast markers (in red, green and blue) and exclusion markers (all coloured white) as indicated in the key.
- f) Shows myo marker ACTA2 staining individually
- g) Shows myo marker POSTN staining individually



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Fibroblast Markers: AOC3 (Alveolar)

POSTN or ACTA2 (Myo)
Exclusion Markers (PanCK, MCAM, CD31)

H&E (1.25x; 500µm scale bar)

H&E (5x; 100µm scale bar)

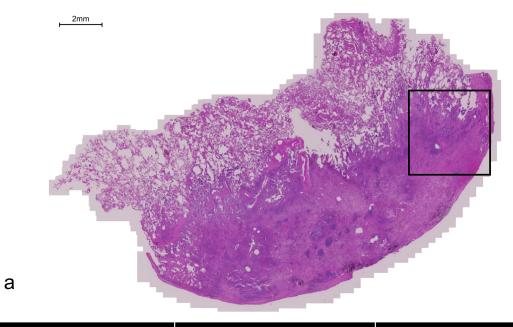
Exclusion Markers:
Panck, CD31, MCAM

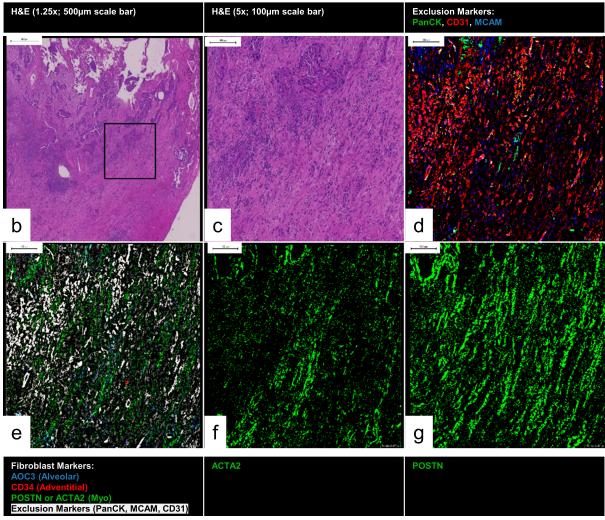
C d

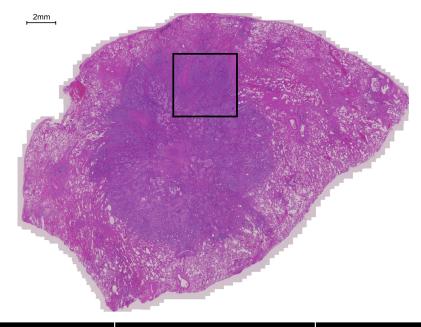
d

g

POSTN







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