

Rat Lung Fibrosis Orbit detection model version 2

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Abstract

To ensure reliable quantification of rat lung fibrosis, support vector machine learning was used on digitalized images to design a fully automated method that analyzes two important aspects of lung fibrosis: (i) areas having substantial tissue remodeling with appearance of dense fibrotic masses and (ii) collagen deposition.

Citation: Shanon Seger Rat Lung Fibrosis Orbit detection model. **protocols.io**

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Guidelines

The detection model is working for fixed (under pressure) rat lung paraffin sections cut 2um thick and stained for Masson's trichrome (applicable staining range described in the linked manuscript)

Protocol

Step 1.