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Yale Murine TMC - H&E staining following Phenocycler-Fusion Imaging

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Cellular Senescence Net...



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We use this protocol and it's working

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Abstract

Flow cell removal after Phenocycler-Fusion imaging and following H&E staining steps from Yale Pathology Tissue Services (YPTS).



Removing flow cell following CODEX imaging

- 1 Remove slides from storage buffer.
- 2 Immerse slides to xylene for 10 mins.
- 3 Separate flow cell from the slide using a razorblades.
- 4 Rinse slide with 1x PBS.
- 5 Store in storage buffer until H&E staining.

10m

Hematoxylin and eosin staining

11m 30s

- 6 Stain with hematoxylin for 5 min.
- 7 Rinse with water.
- 8 Clarifier for 30 seconds.
- 9 Rinse with water.
- 10 Bluing for 1 min.
- 11 Rinse with water.
- 12 Stain with eosin 5 min.

5m

30s

1m

5m



- 13 Immerse slides in graded ethanol to xylene.
- 14 Add coverslip with resin mounting medium.