

Title: Supplementary Data 1

Description: Canonical gene markers used for labelling scRNAseq cell type clusters (Section 1).

Title: Supplementary Data 2

Description: Additional gene markers used for labelling lineage subclusters during trajectory reconstruction analysis (Section 2).

Title: Supplementary Data 3

Description: Target split probe sequences and initiator split sequences for imaging gene transcripts using Hybridization chain reaction (HCR) v3: single molecule RNA FISH approach.

Title: Supplementary Data 4

Description: Initiator sequences and fluorophore combinations used for imaging gene transcripts using Hybridization chain reaction (HCR) v3: single molecule RNA FISH approach.