Putting some muscle into the dissection of single cell regulatory landscapes

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The single cell accessibility view of embryonic muscle development

Genetic / morphological view of muscle development

Pre-gastrulation
(pluripotent)

Specification

Visceral muscle (striated)
Visceral muscle (smooth)

Cardiomyocytes (heart)









Removal of Mef2 leads to the formation of an abnormal chromatin state





Visceral muscle cells appear blocked in their lineage in biniou mutants



