

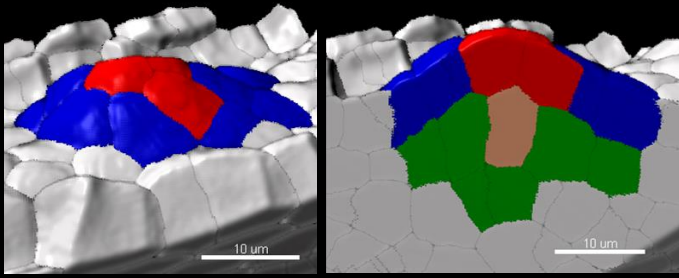
**Supplemental Dataset 1- Gallery of wild-type (Col\_0) ovules used for the 3D digital atlas related to Figure 1**

**Number of ovules segmented for the analysis: 92 *from 84 images***

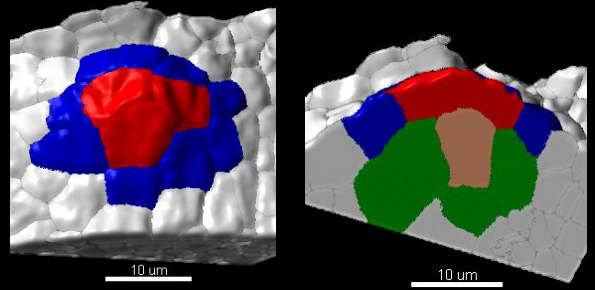
Stage 0-I	n=21
Stage 0-II	n=17
Stage 0-III	n=11
Stage 1-I	n=15
Stage 1-II	n=11
Stage 2-I	n=10
Stage 2-II	n=7

# Stage 0-I (1/2)

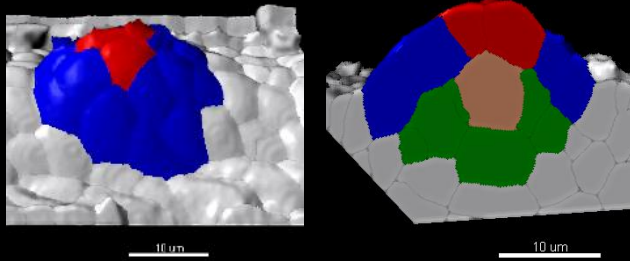
EM\_C\_25



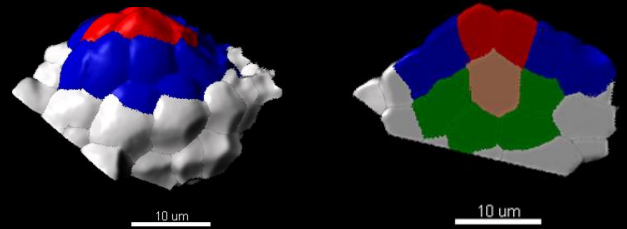
EM\_C\_149



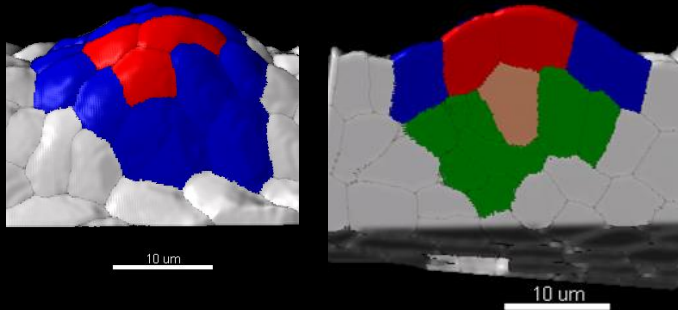
EM\_C\_58



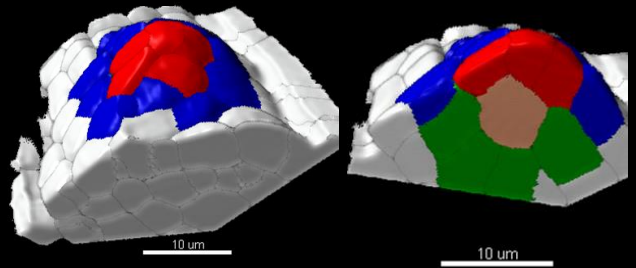
EM\_C\_237



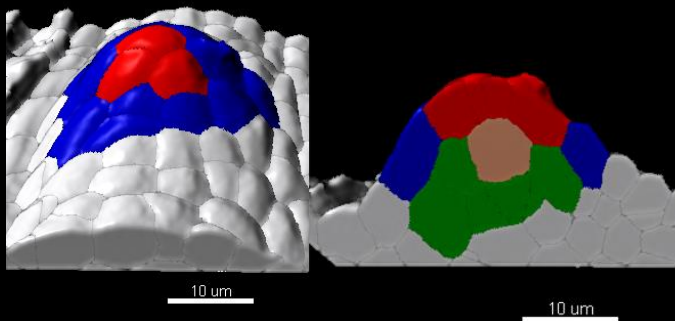
EM\_C\_59



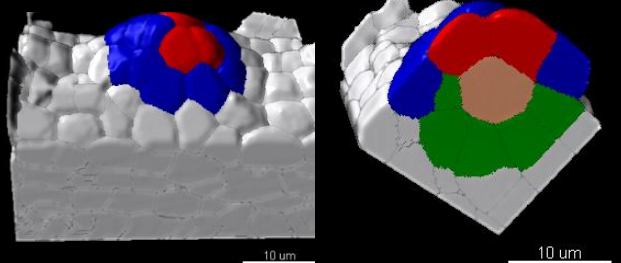
EM\_C\_240



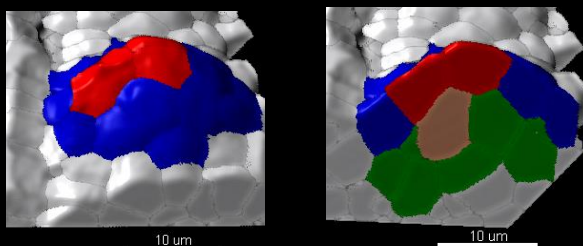
EM\_C\_60



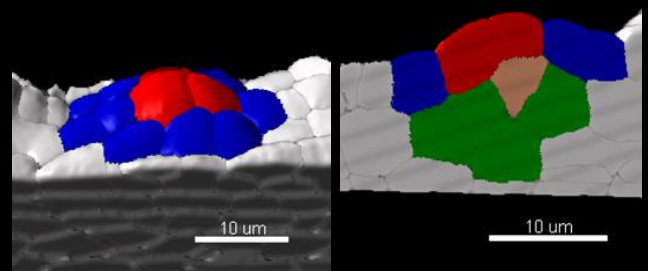
EM\_C\_241



EM\_C\_76

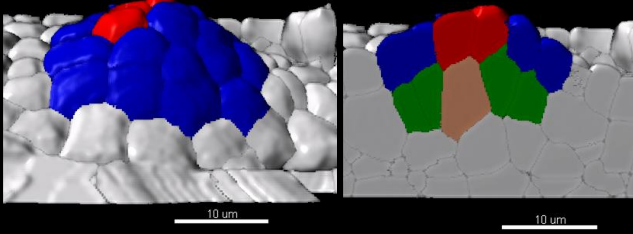


EM\_C\_242A

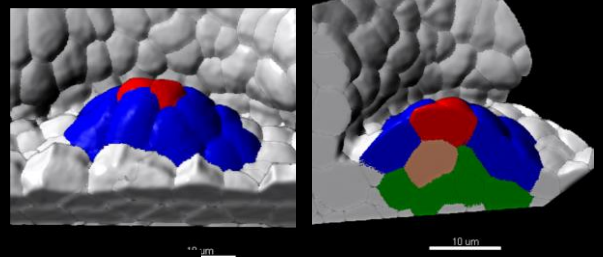


## Stage 0-I (2/2)

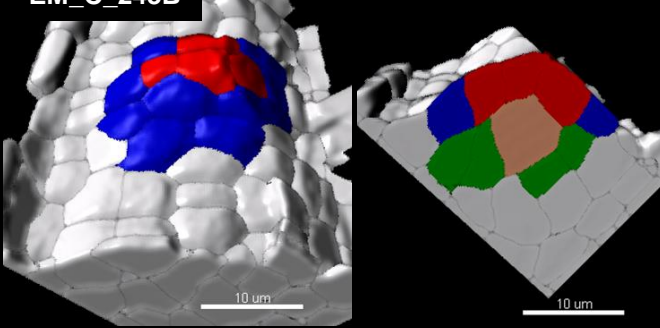
EM\_C\_243A



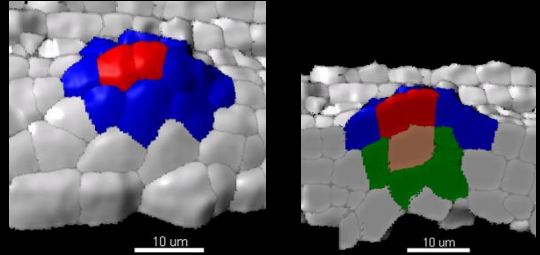
EM\_C\_245



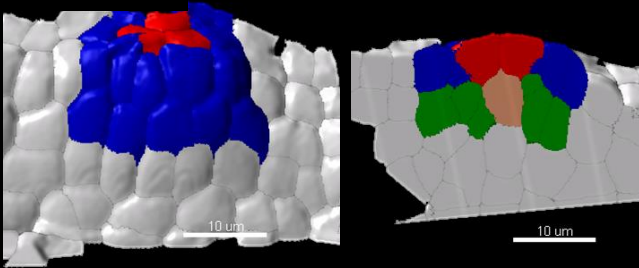
EM\_C\_243B



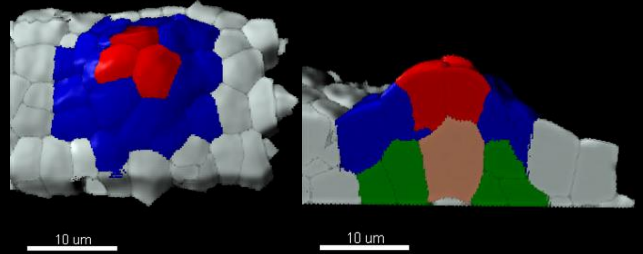
EM\_C\_377



EM\_C\_244A

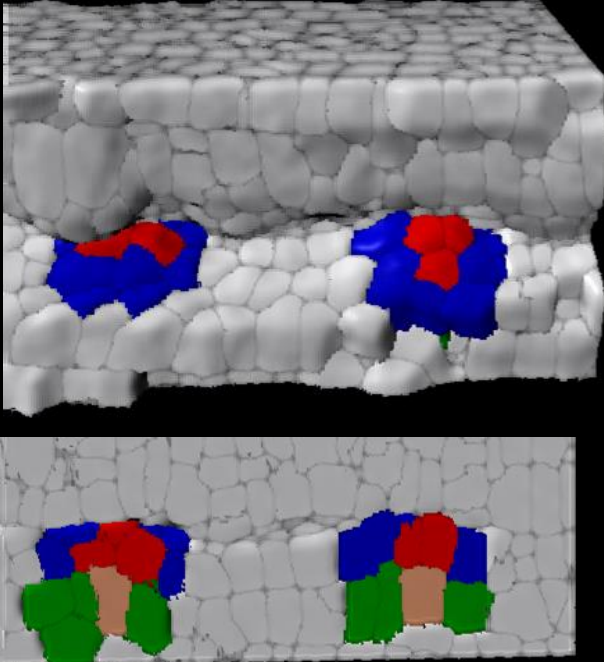


EM\_C\_378

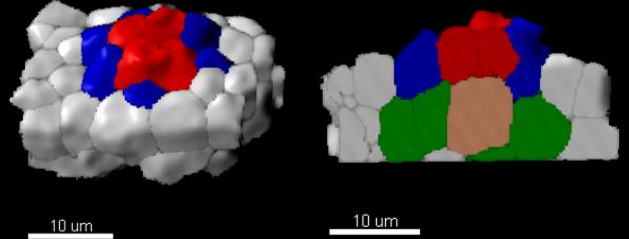


EM\_C\_354\_A

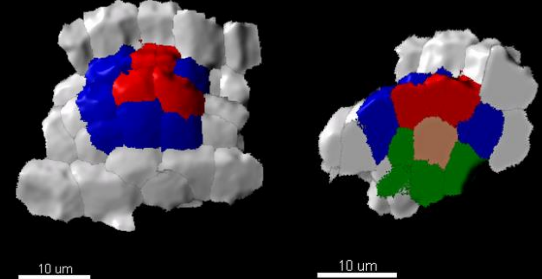
EM\_C\_354\_B



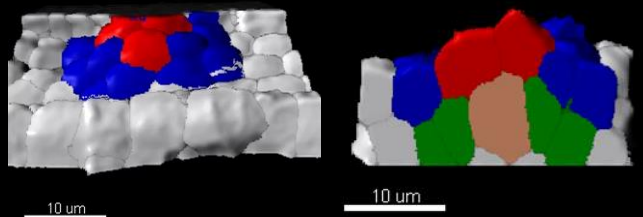
EM\_C\_595



EM\_C\_596



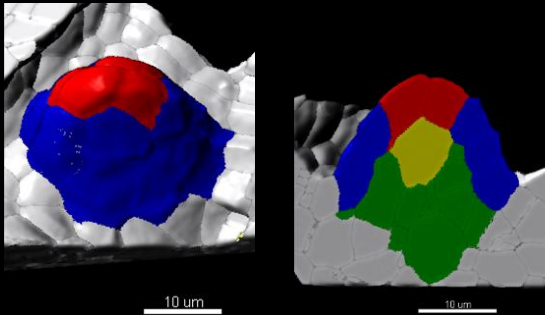
EM\_C\_597



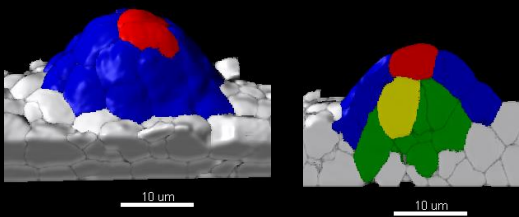


Stage 0-II (1/2)

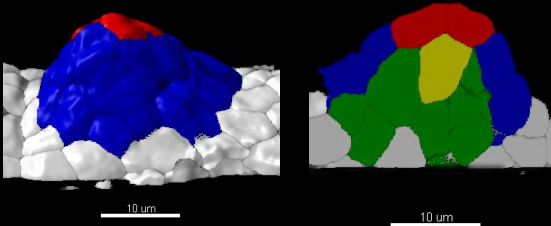
EM\_C\_22



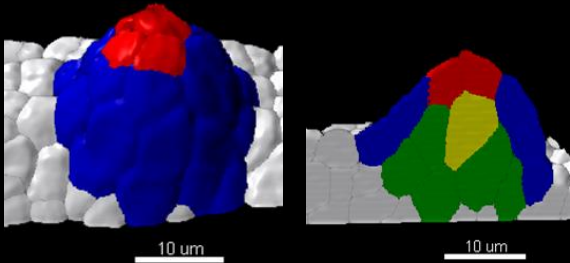
EM\_C\_77



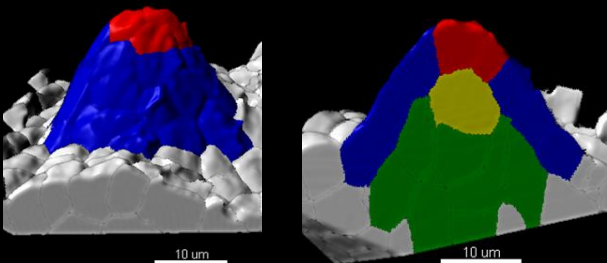
EM\_C\_78



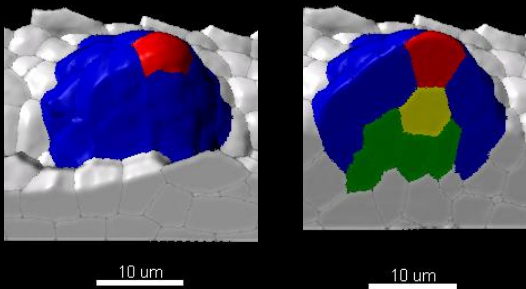
EM\_C\_146



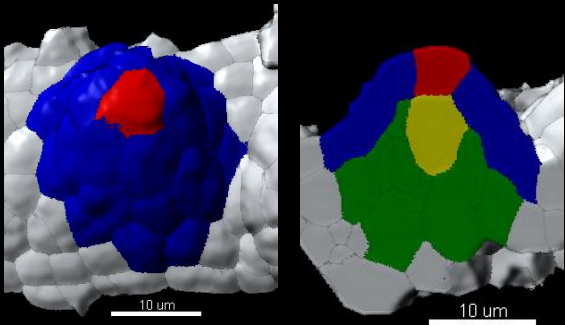
EM\_C\_148



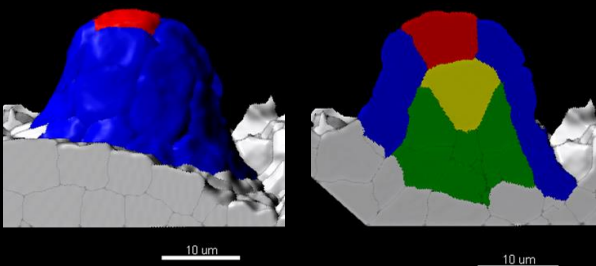
EM\_C\_61



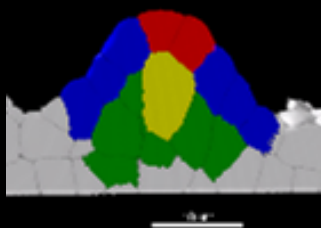
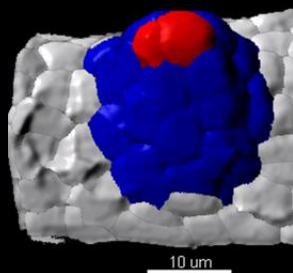
EM\_C\_75



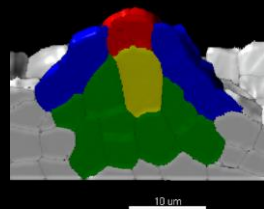
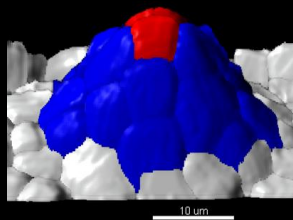
EM\_C\_150



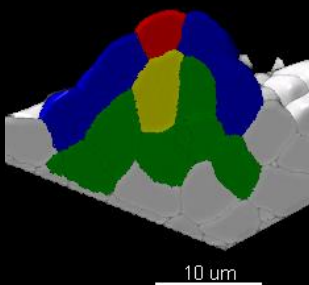
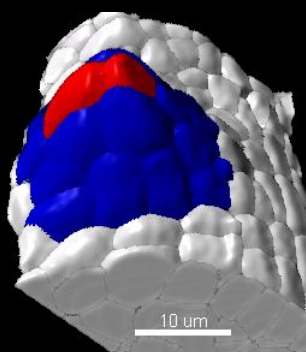
EM\_C\_211



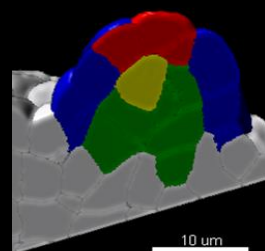
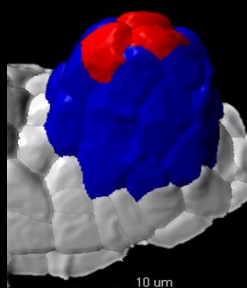
EM\_C\_214



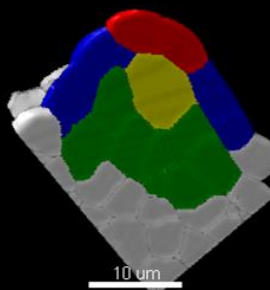
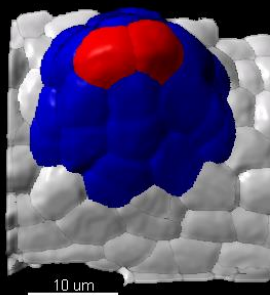
EM\_C\_212A



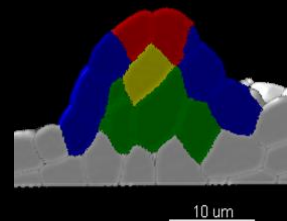
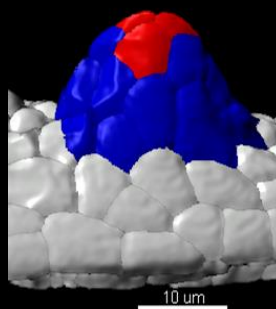
EM\_C\_238



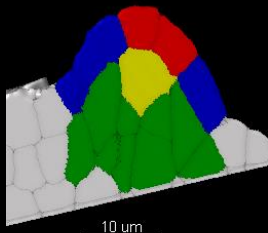
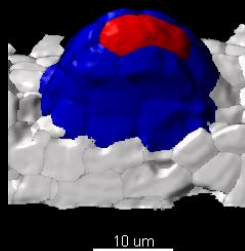
EM\_C\_212B



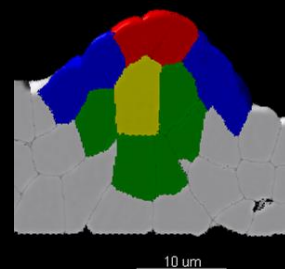
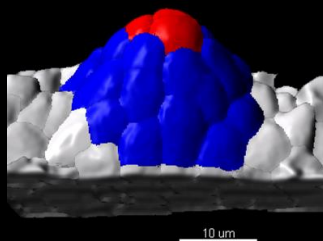
EM\_C\_239



EM\_C\_213

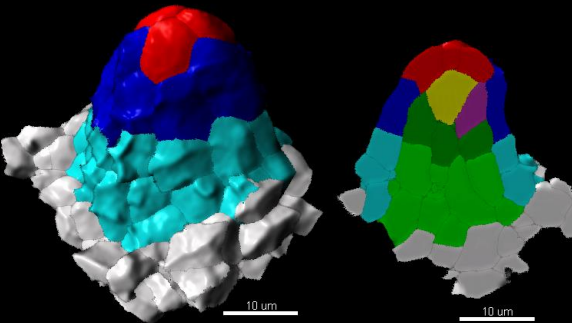


EM\_C\_246

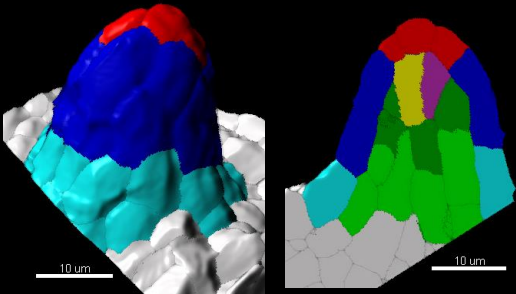


Stage 0-III

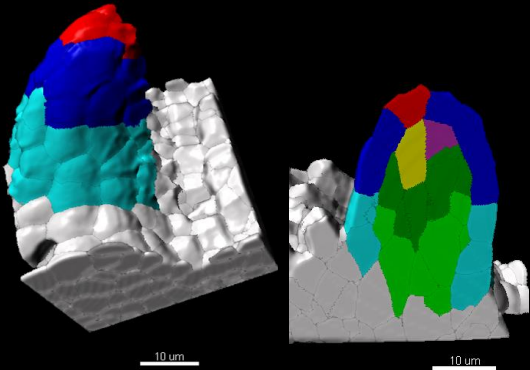
EM\_C\_136



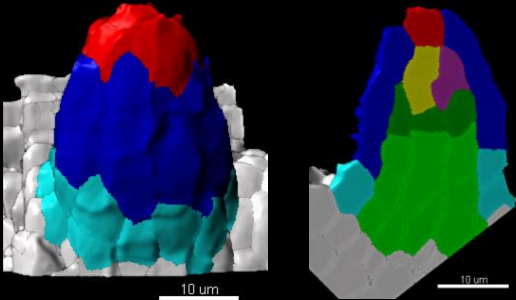
EM\_C\_141



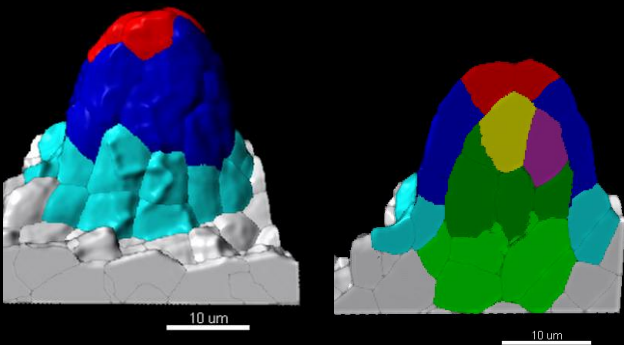
EM\_C\_138



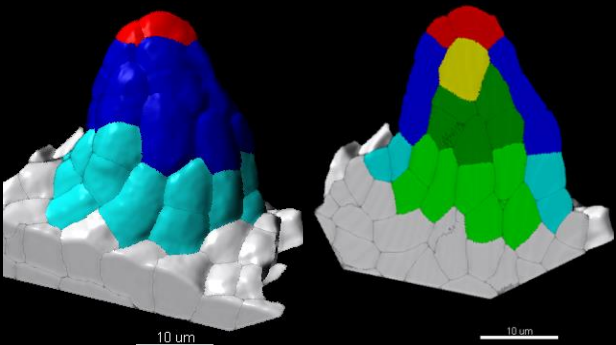
EM\_C\_142



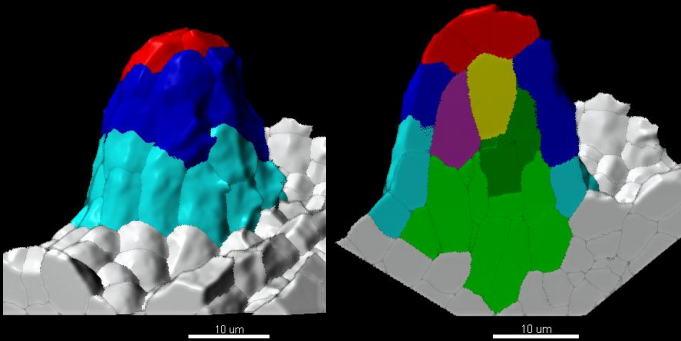
EM\_C\_139



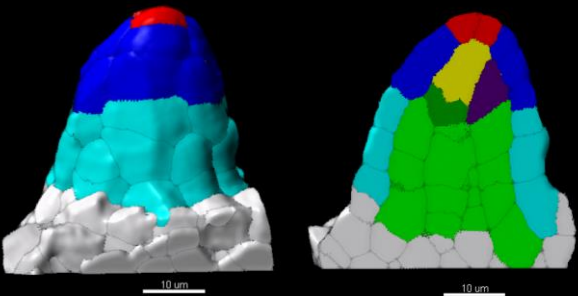
EM\_C\_187



EM\_C\_140



EM\_C\_403



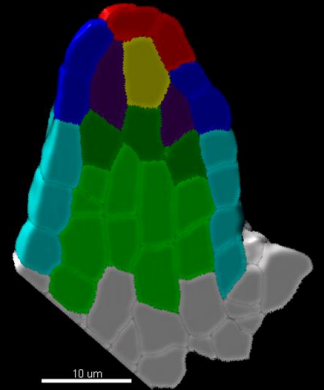
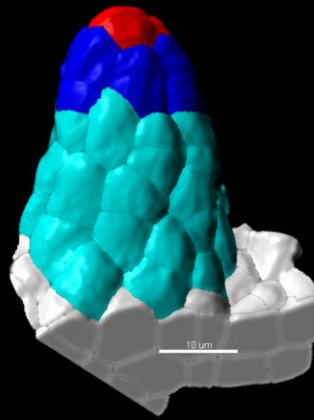
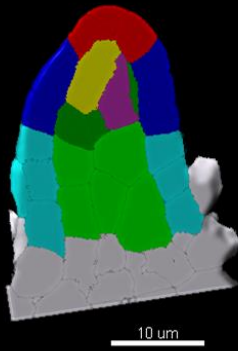


## Stage 1-I (1/2)

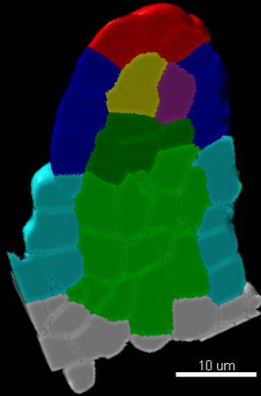
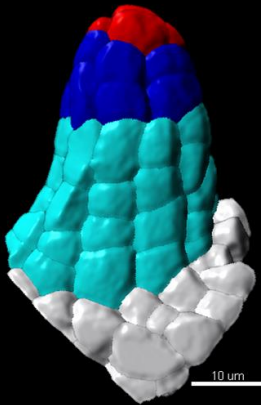
**EM\_C\_6**



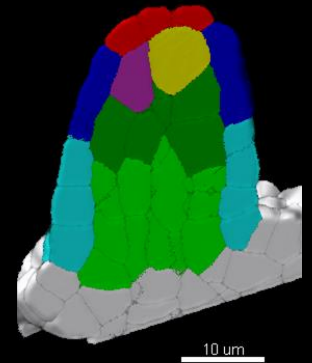
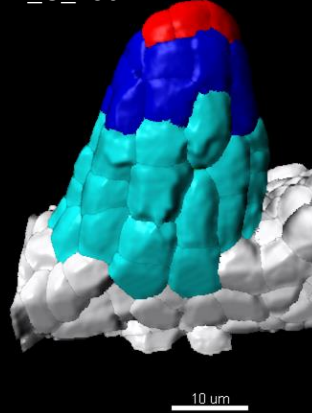
**EM\_C\_189**



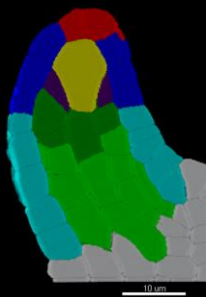
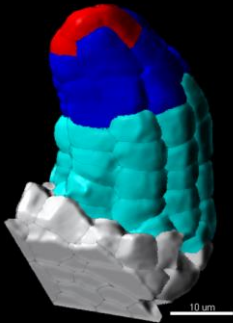
**EM\_C\_185**



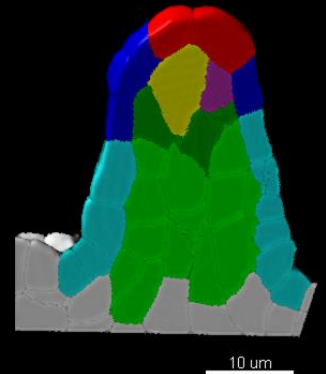
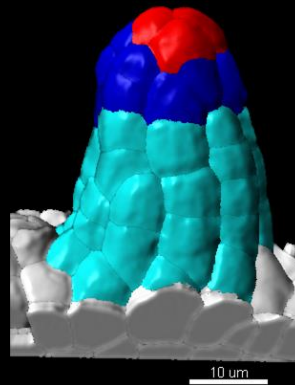
**EM\_C\_196**



**EM\_C\_186**



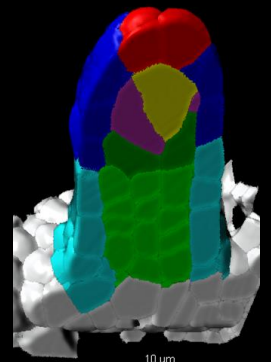
**EM\_C\_198**

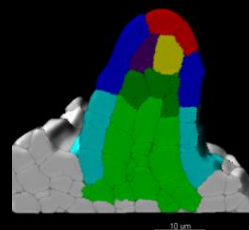
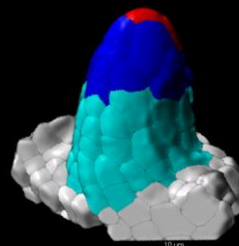
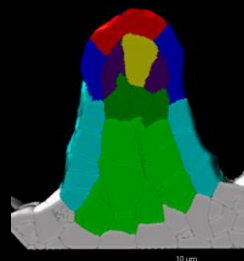
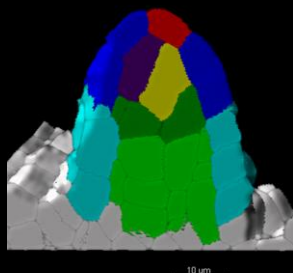
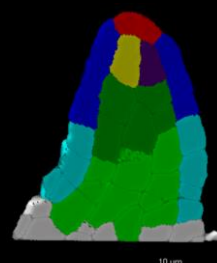
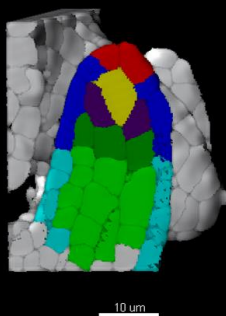
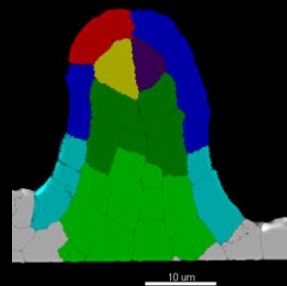
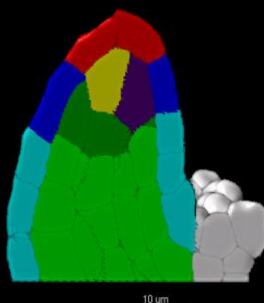
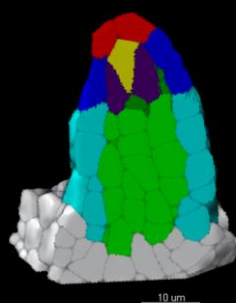
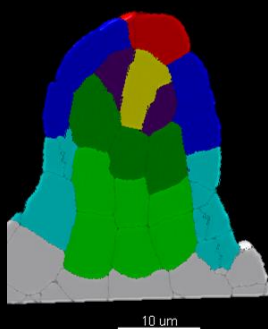


**EM\_C\_188**



**EM\_C\_200**

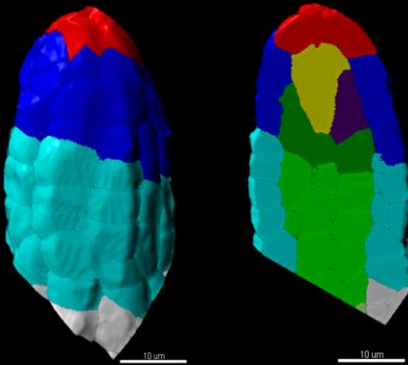




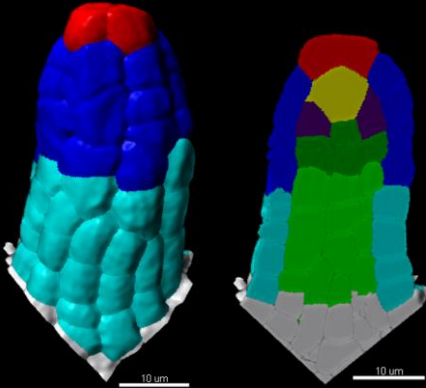


**Stage 1-II (1/2)**

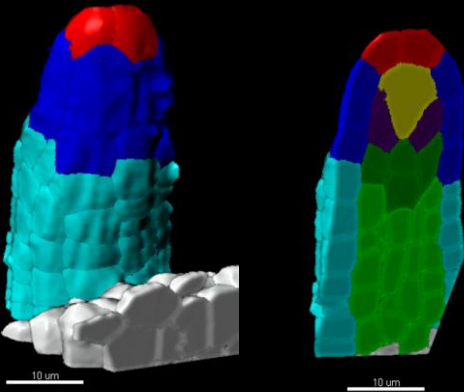
**EM\_C\_96**



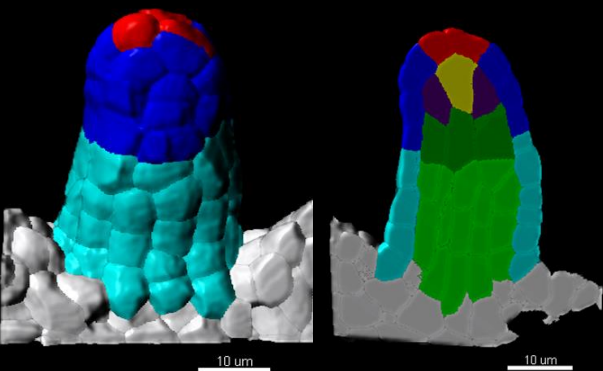
**EM\_C\_184**



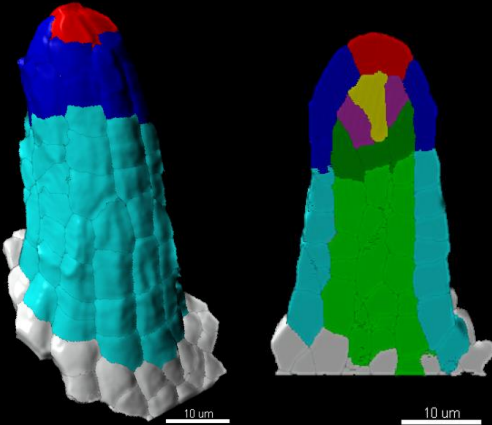
**EM\_C\_102A**



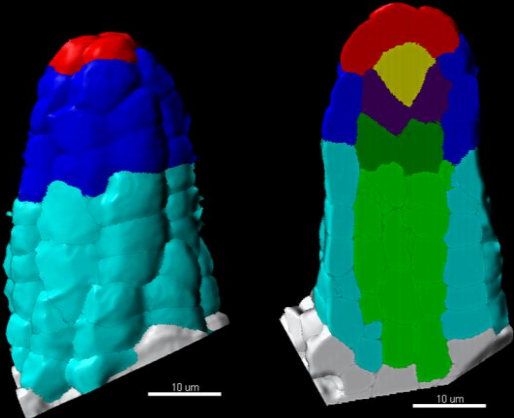
**EM\_C\_199**



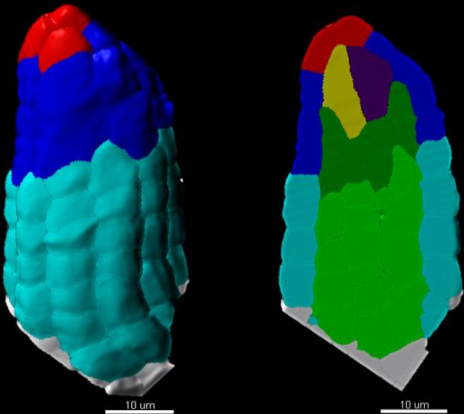
**EM\_C\_112**



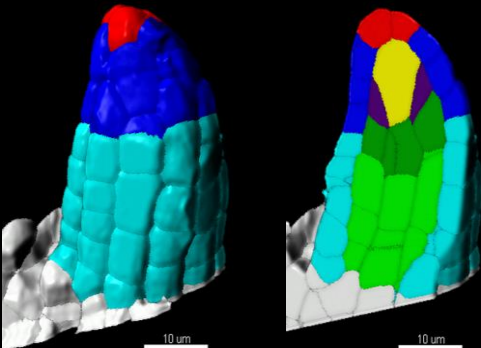
**EM\_C\_201**



**EM\_C\_162**

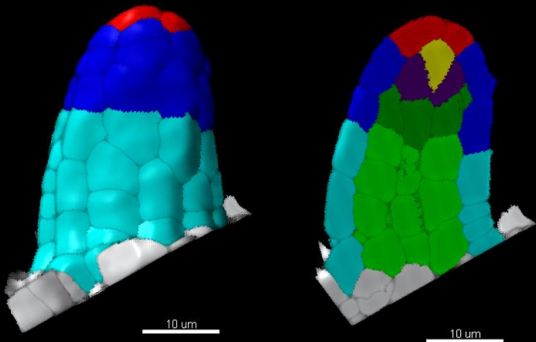


**EM\_C\_204**

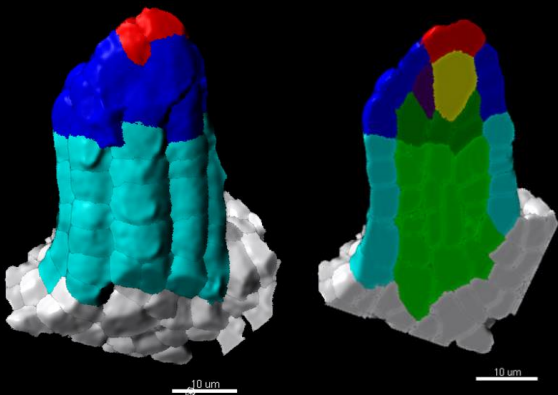


Stage 1-II (2/2)

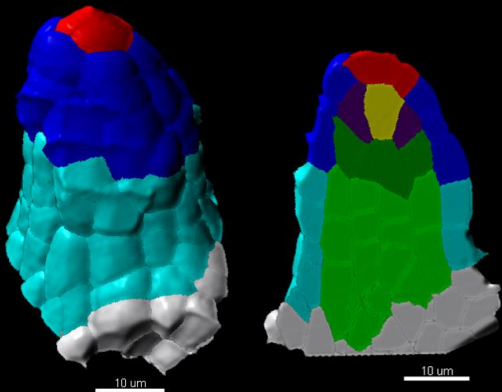
EM\_C\_359B



EM\_C\_607



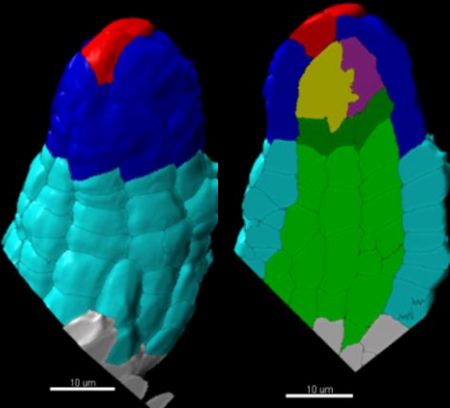
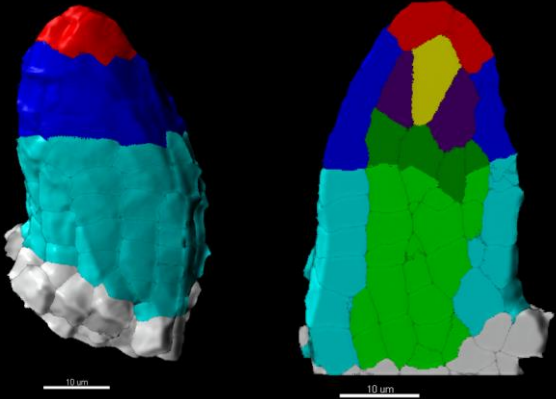
EM\_C\_160



Stage 2-I

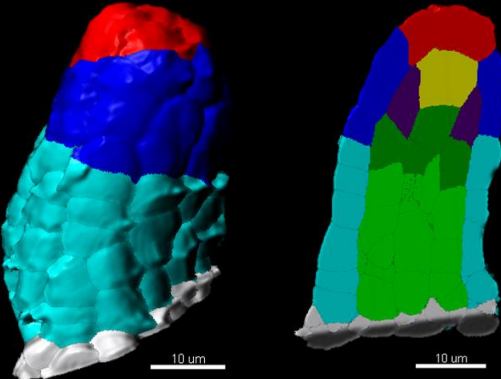
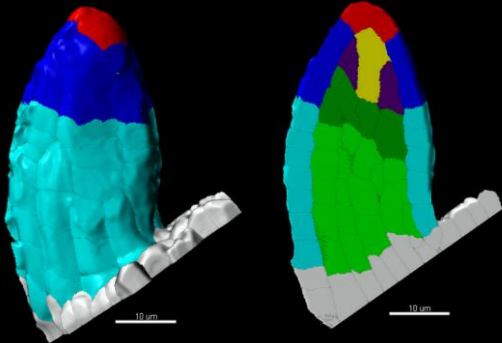
EM\_C\_130

EM\_C\_101



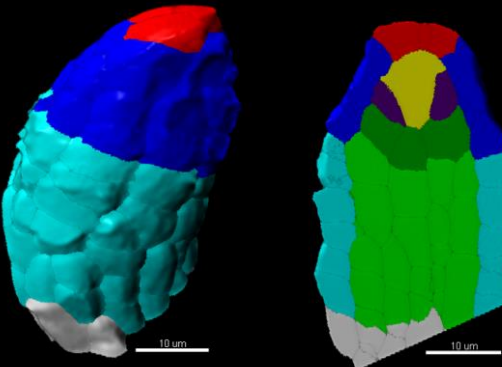
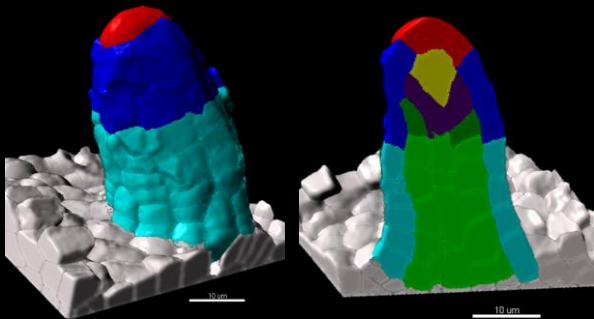
EM\_C\_159

EM\_C\_102B



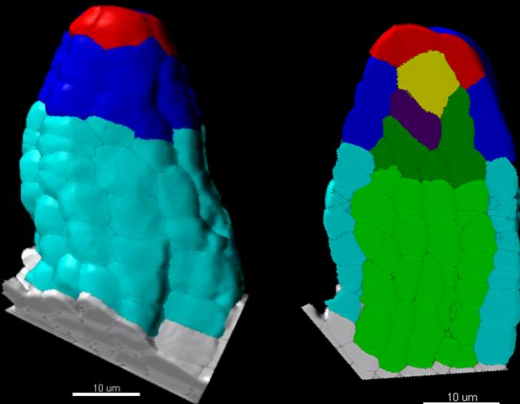
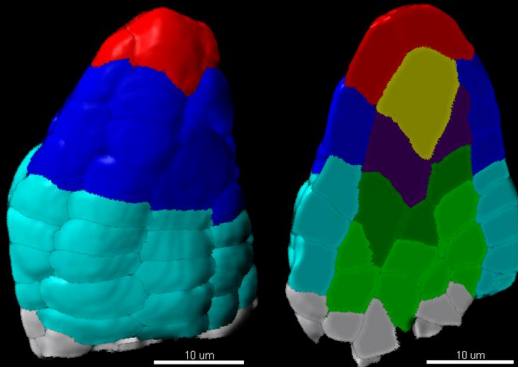
EM\_C\_161

EM\_C\_113



EM\_C\_191

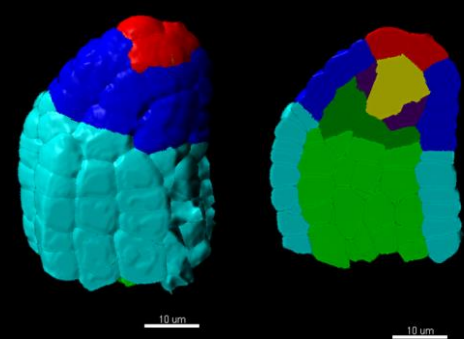
EM\_C\_157



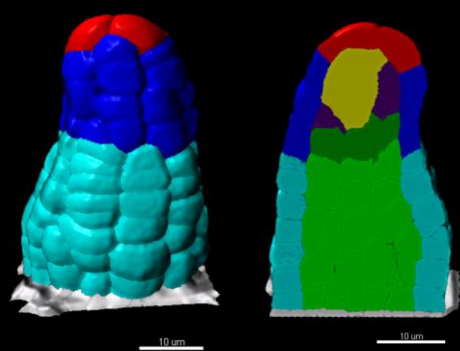


Stage 2-I

EM\_C\_229

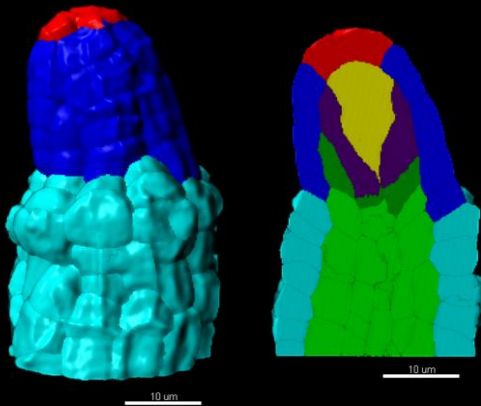


EM\_C\_232

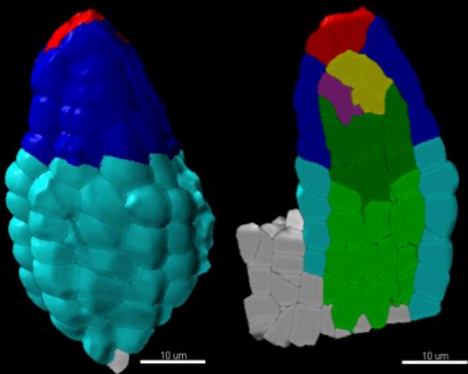


EM\_C\_81

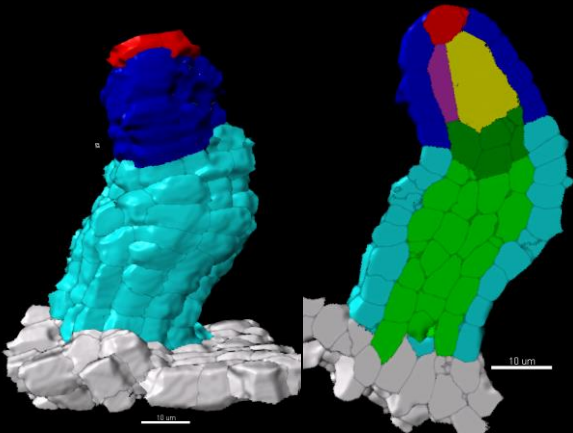
Stage 2-II



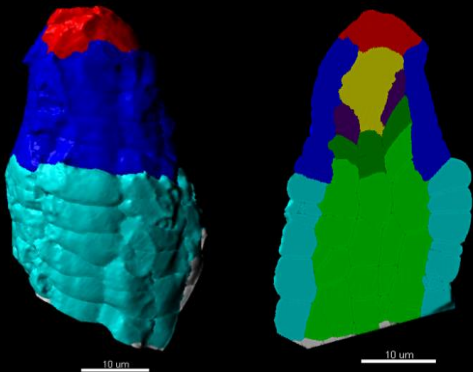
EM\_C\_230



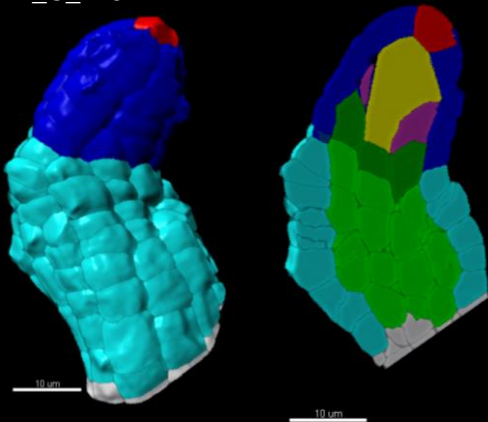
EM\_C\_128



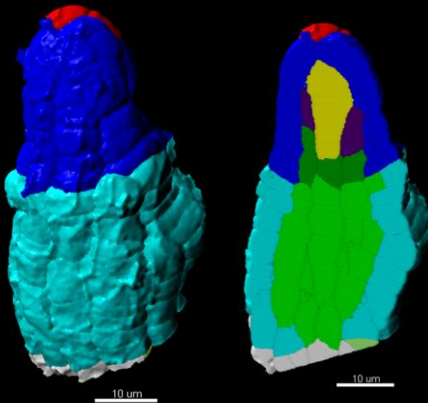
EM\_C\_254



EM\_C\_129



EM\_C\_352



EM\_C\_132

