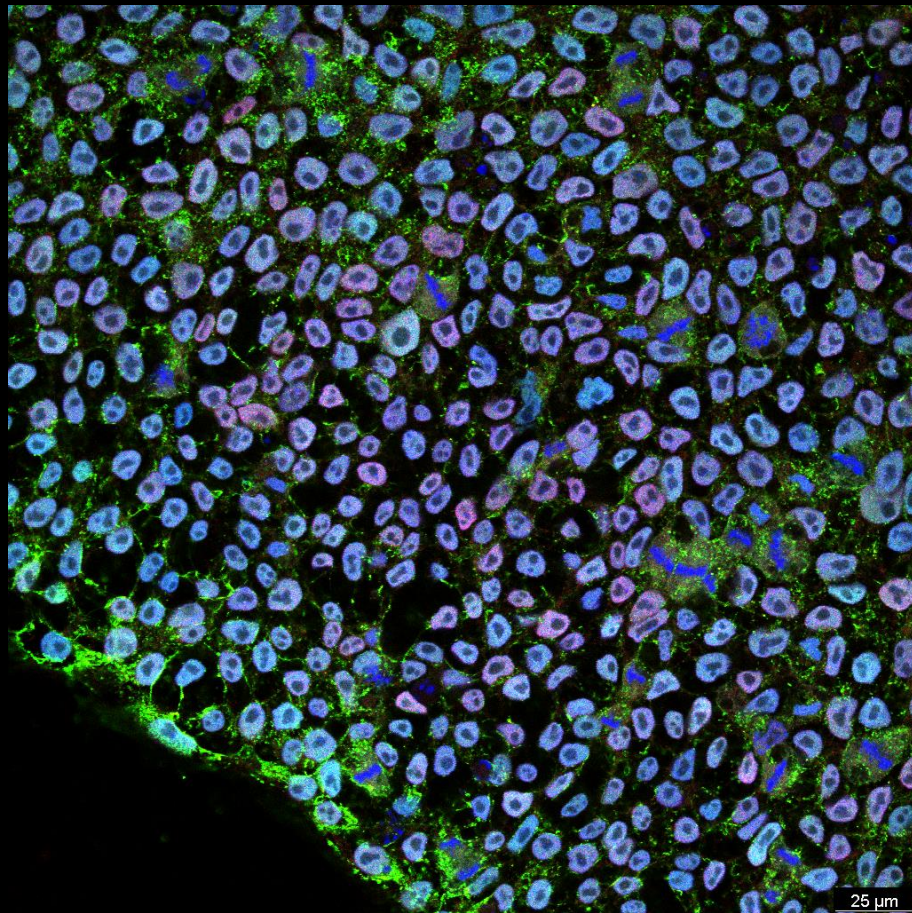


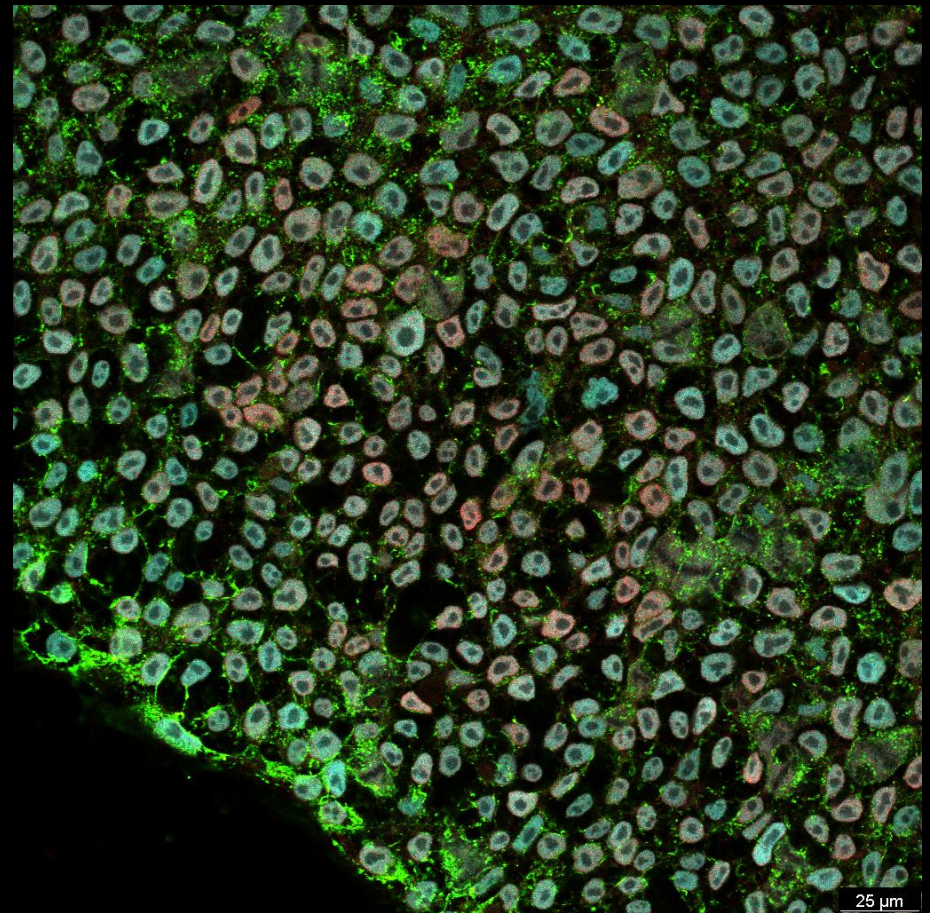
LUMC0251iSLC01, 03, 06

Characterization of the lines

Pluripotency LUMC0251iSLC01 p6

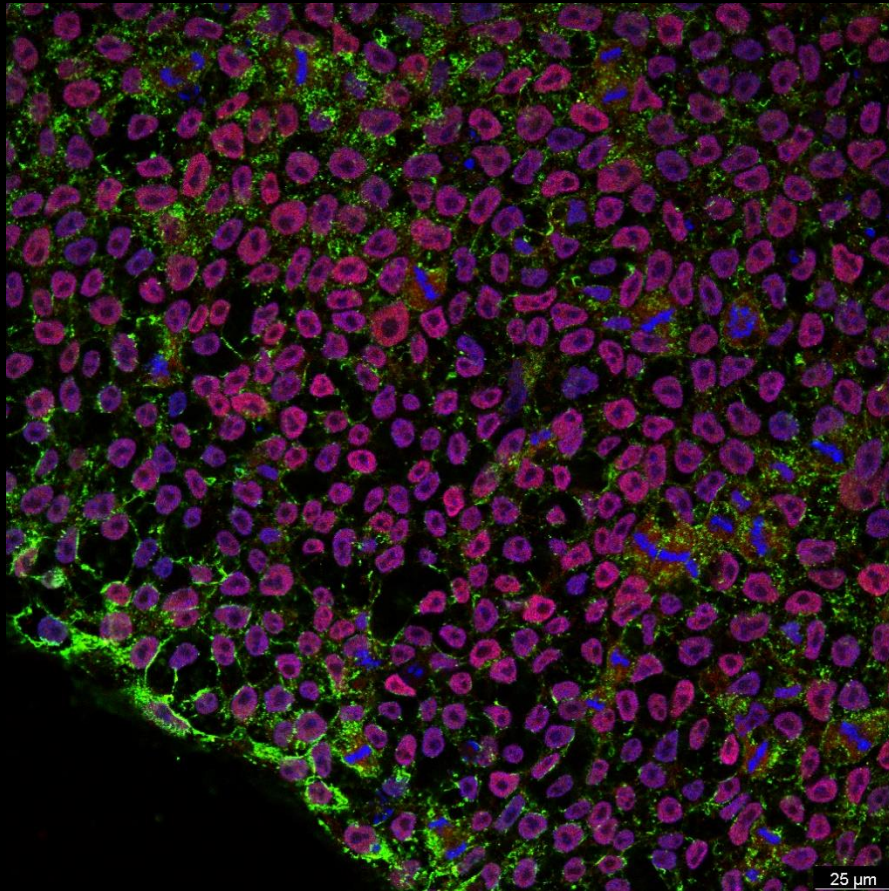


SSEA4 Nanog OCT3/4 DAPI

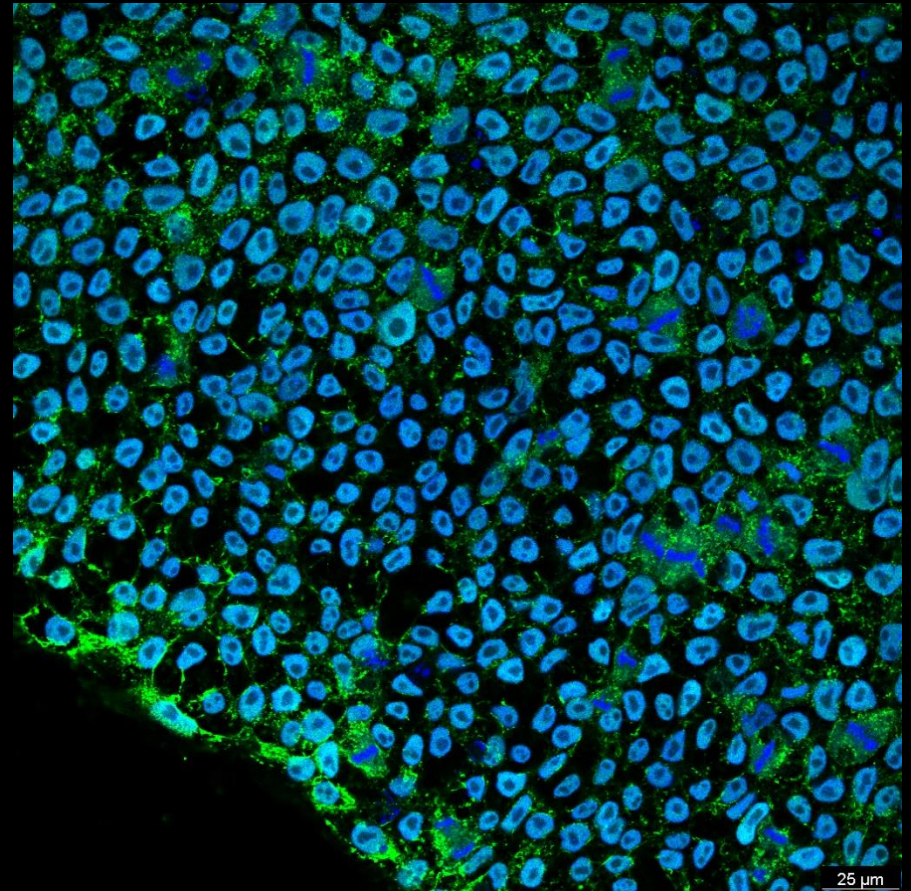


SSEA4 Nanog OCT3/4

Pluripotency LUMC0251iSLC01 p6

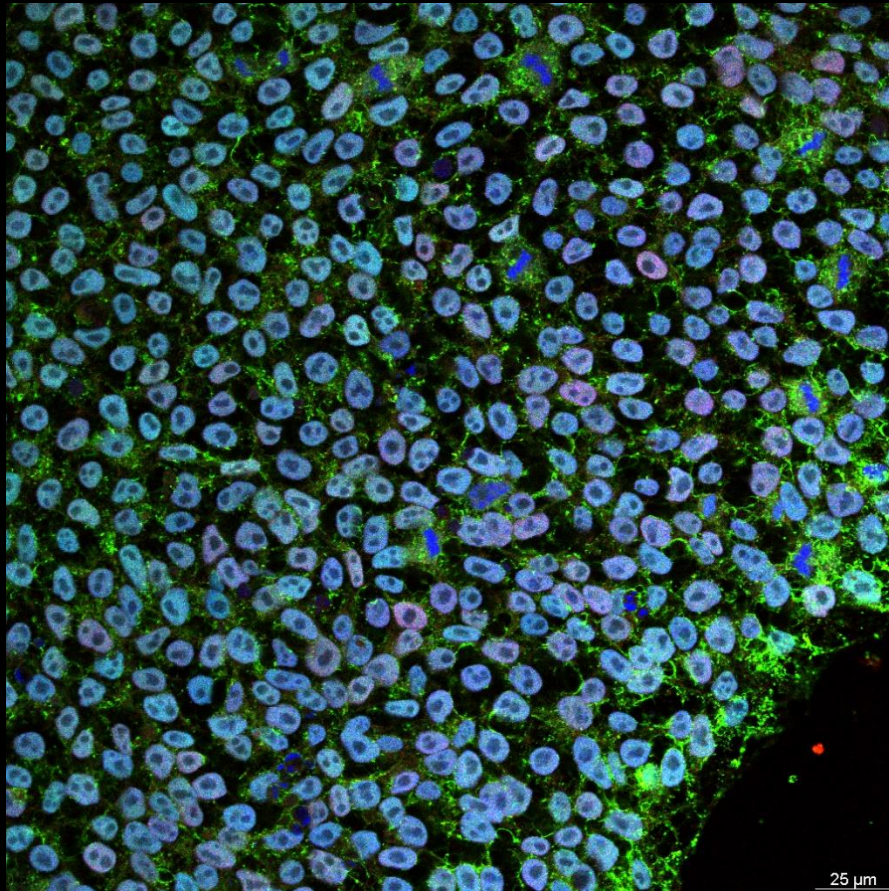


SSEA4 Nanog DAPI

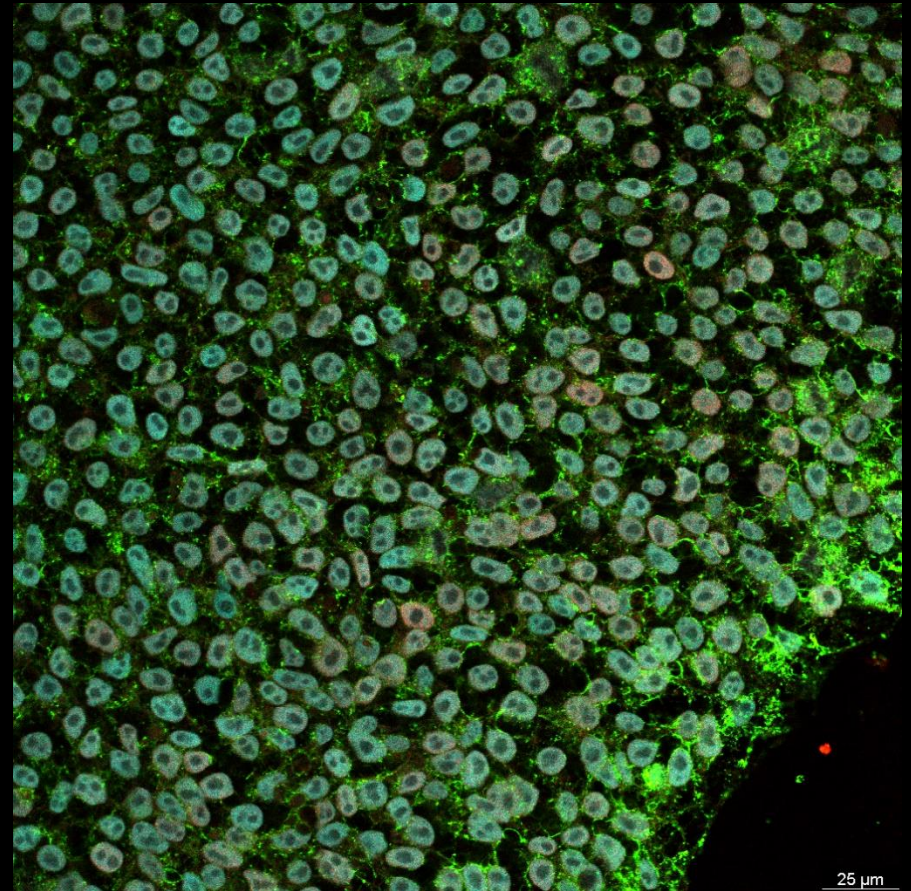


SSEA4 OCT3/4 DAPI

Pluripotency LUMC0251iSLC03 p6

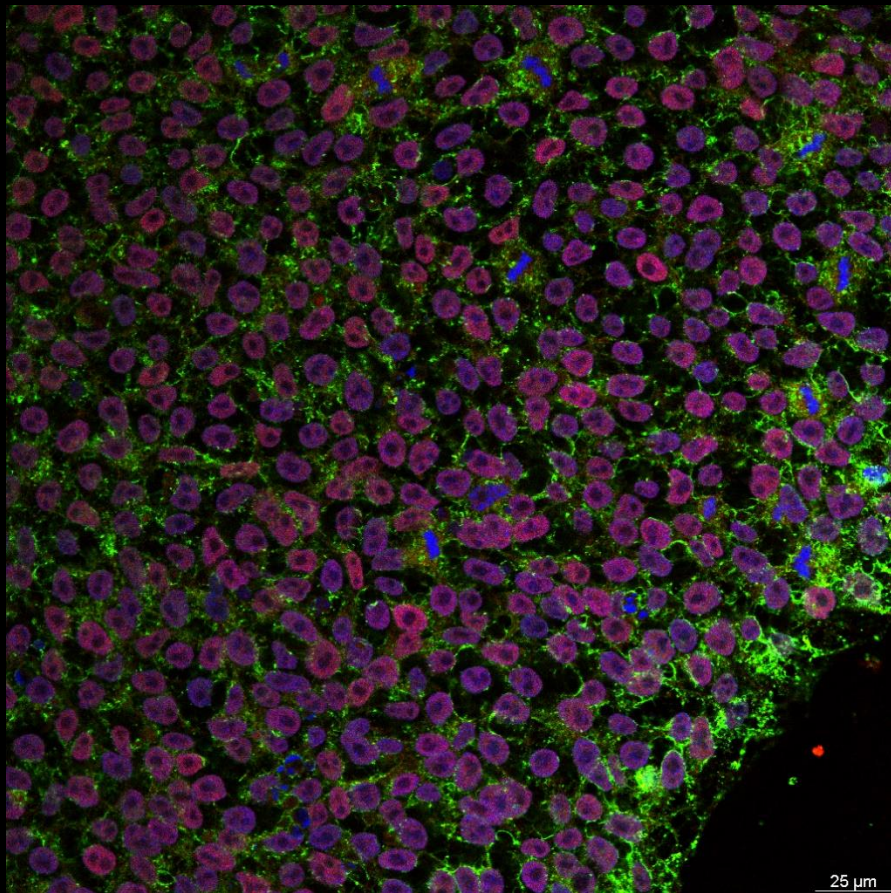


SSEA4 Nanog OCT3/4 DAPI

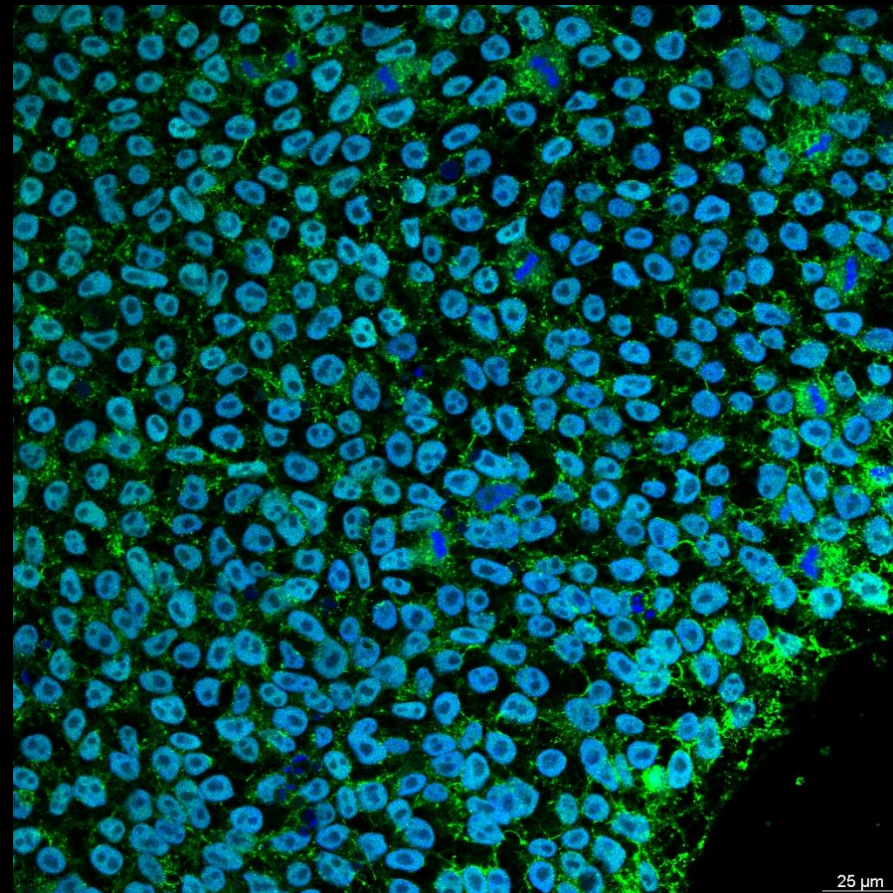


SSEA4 Nanog OCT3/4

Pluripotency LUMC0251iSLC03 p6

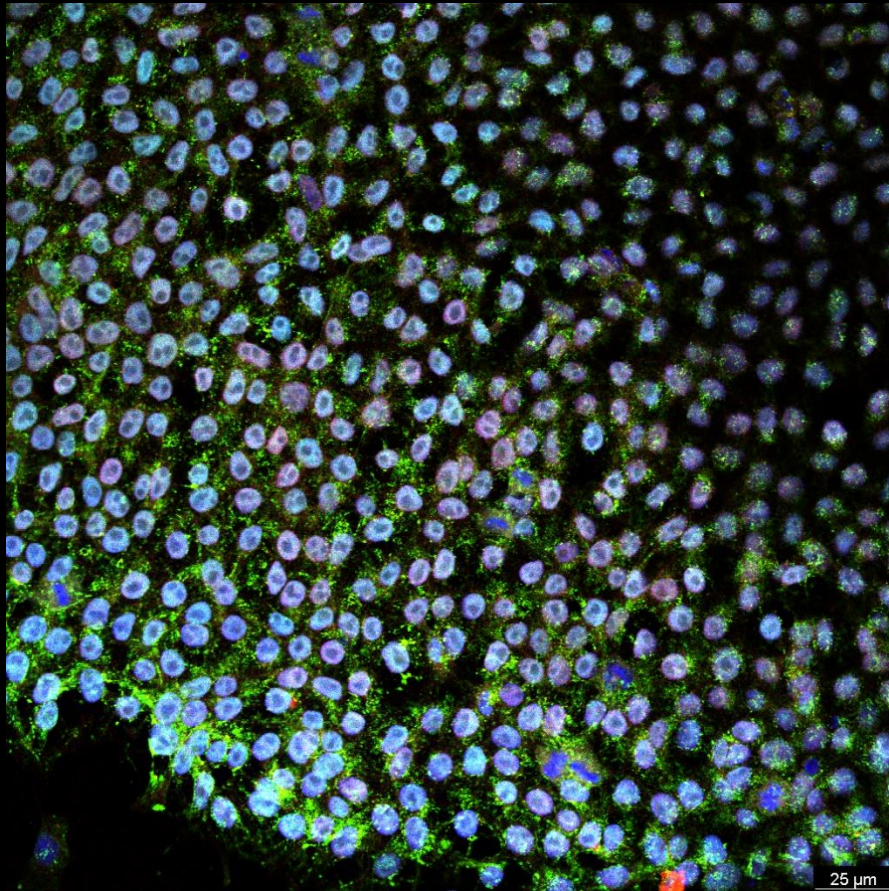


SSEA4 Nanog DAPI

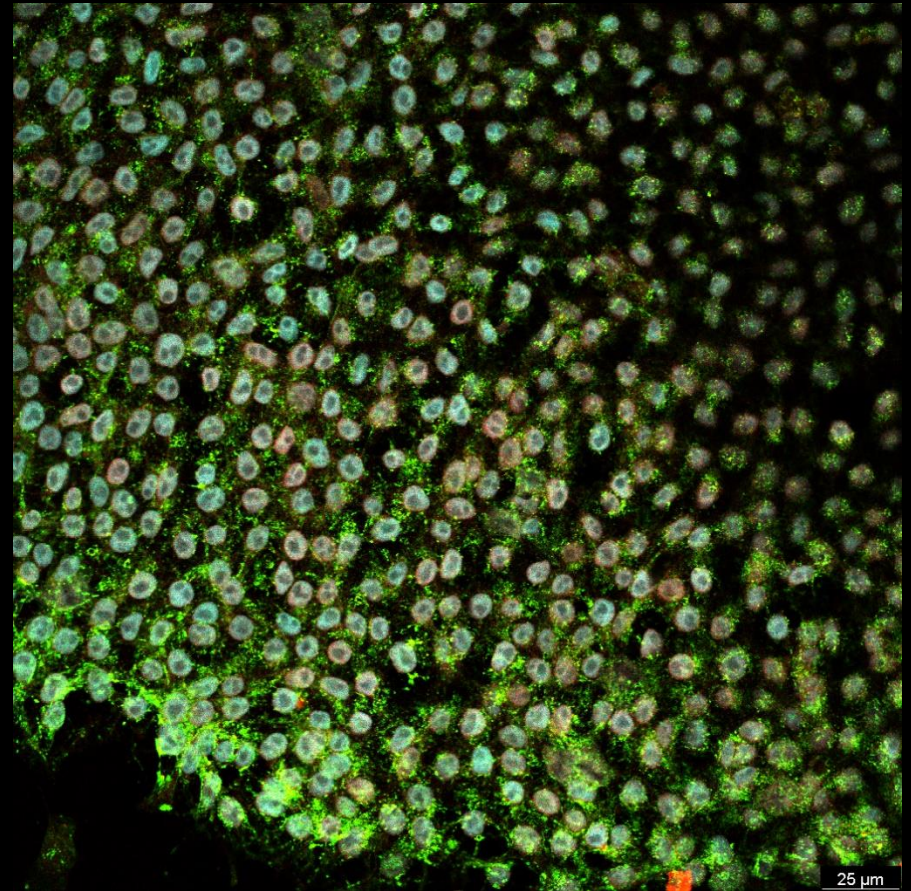


SSEA4 OCT3/4 DAPI

Pluripotency LUMC0251iSLC06 p6

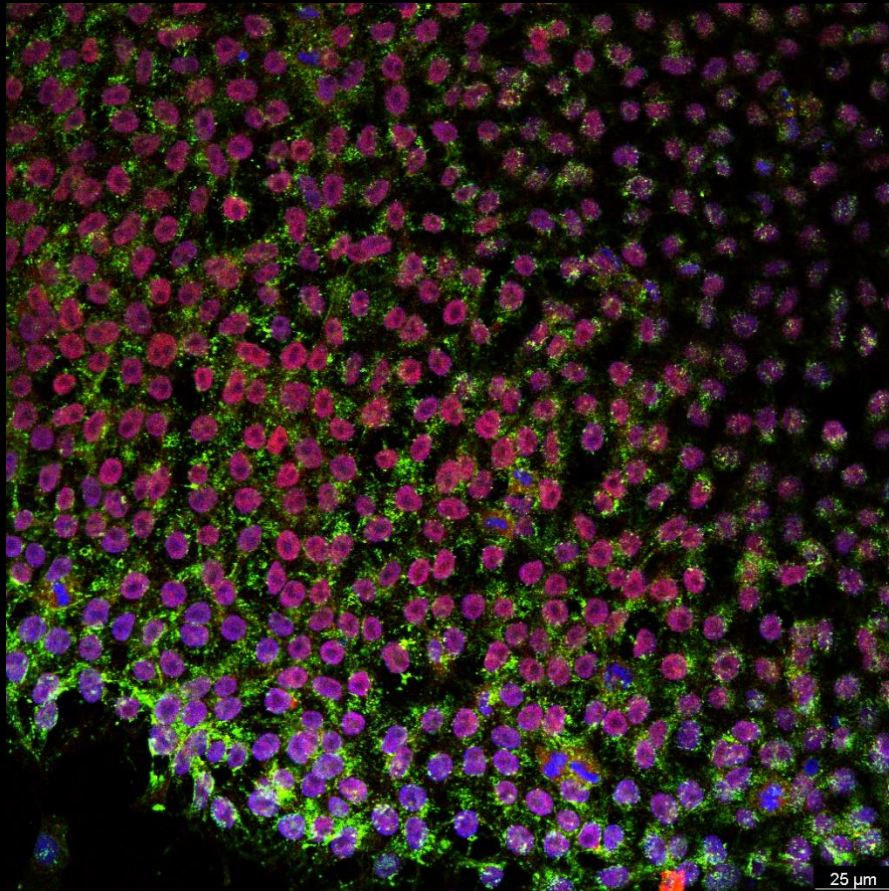


SSEA4 Nanog OCT3/4 DAPI

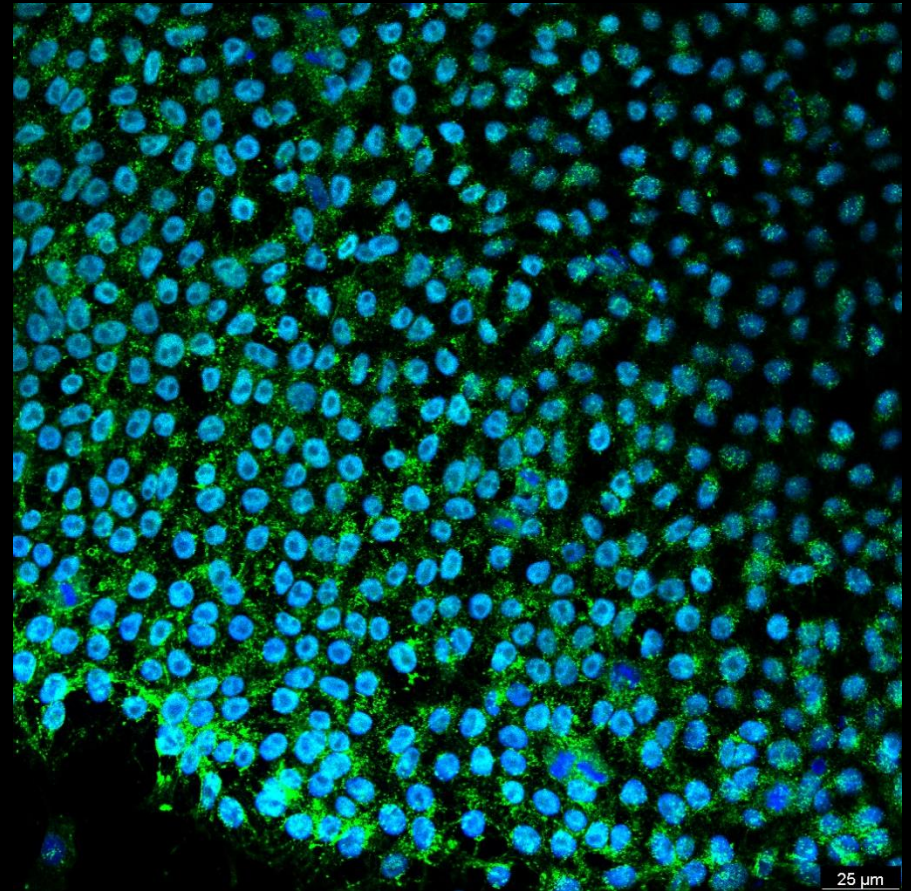


SSEA4 Nanog OCT3/4

Pluripotency LUMC0251iSLC06 p6

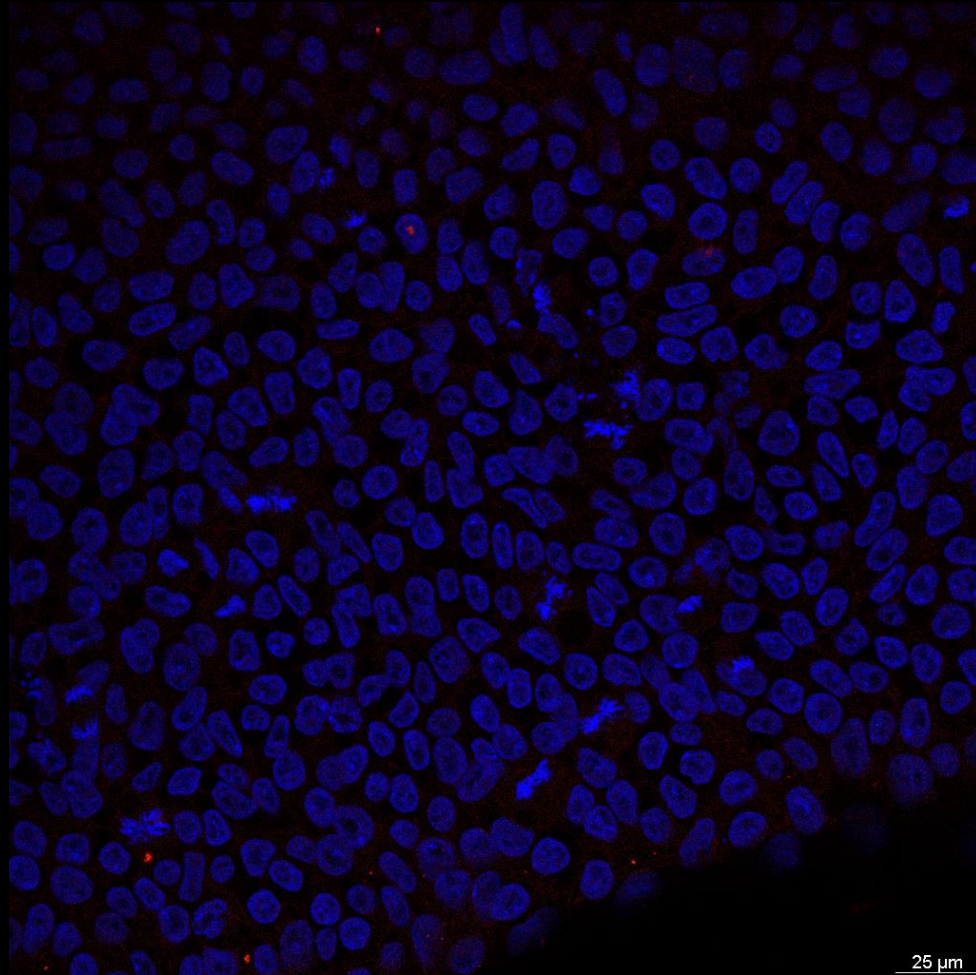


SSEA4 Nanog DAPI



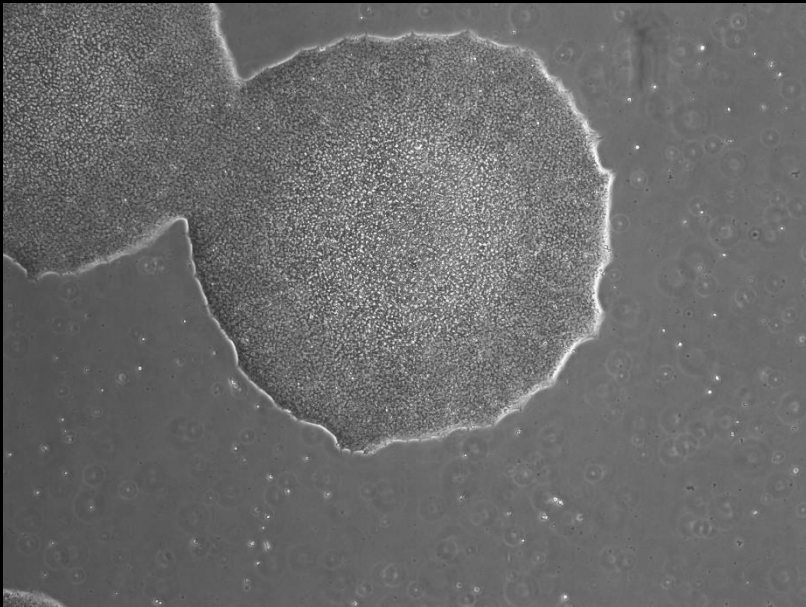
SSEA4 OCT3/4 DAPI

Pluripotency negative control p6



LUMC0251iSLC01, p5

(7 days after passaging)



40x

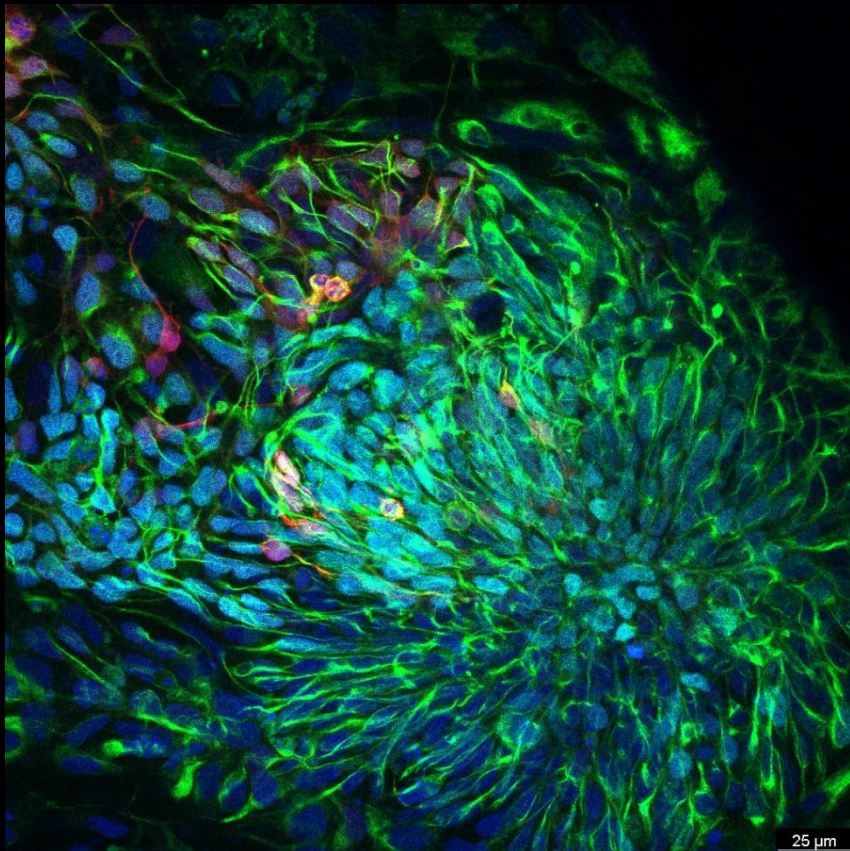


100x

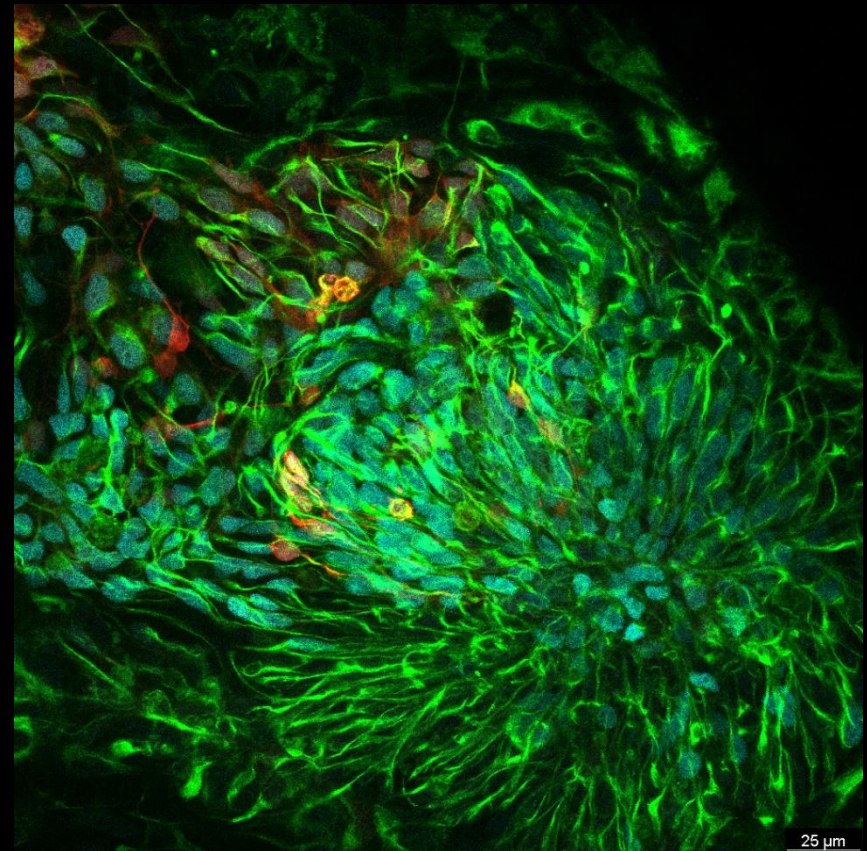
LUMC0251iSLC01, p4

Ectoderm differentiation

Nestin FABP7 PAX6 DAPI



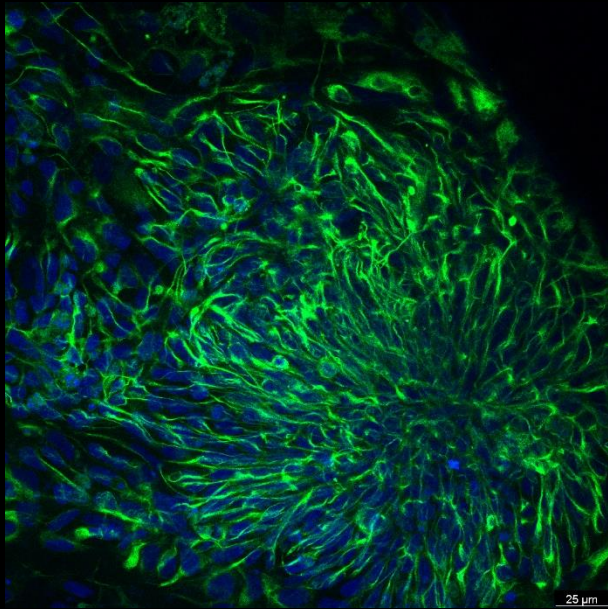
Nestin FABP7 PAX6



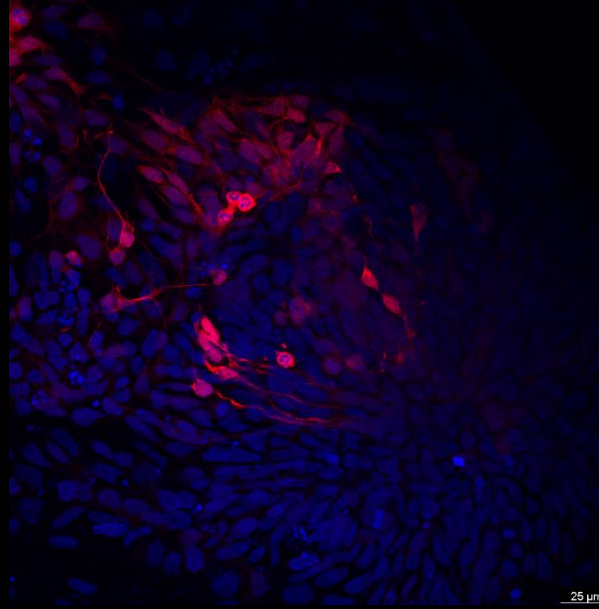
LUMC0251iSLC01, p4

Ectoderm differentiation

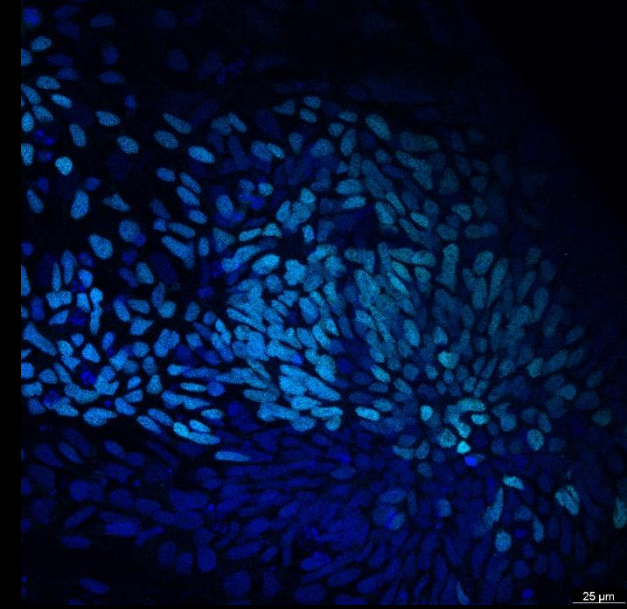
Nestin DAPI



FABP7 DAPI



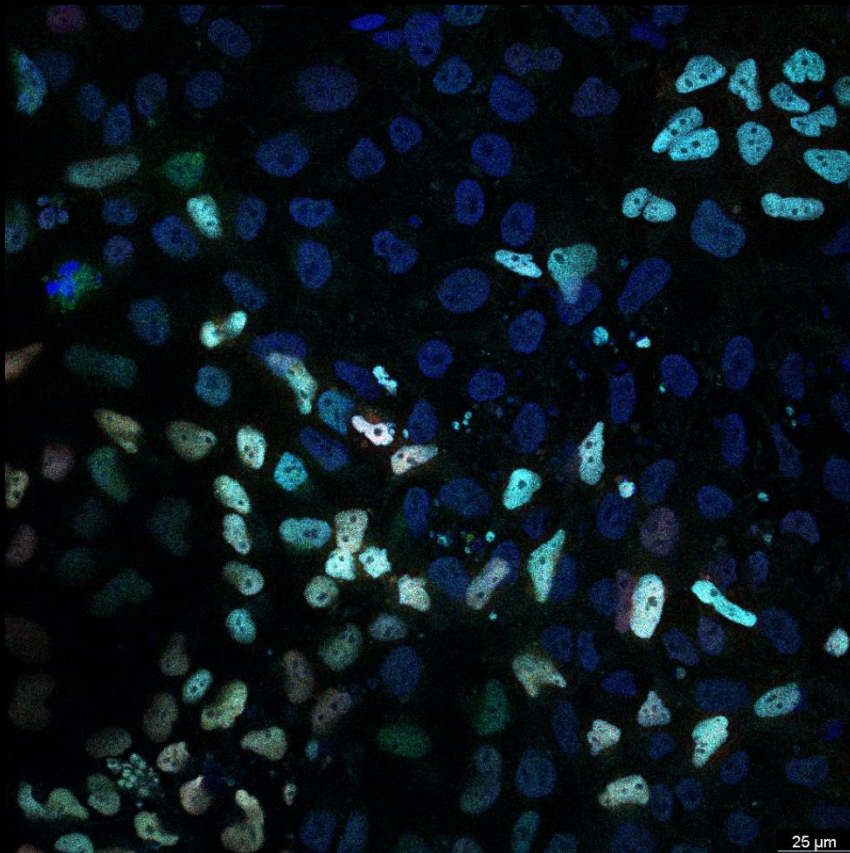
PAX6 DAPI



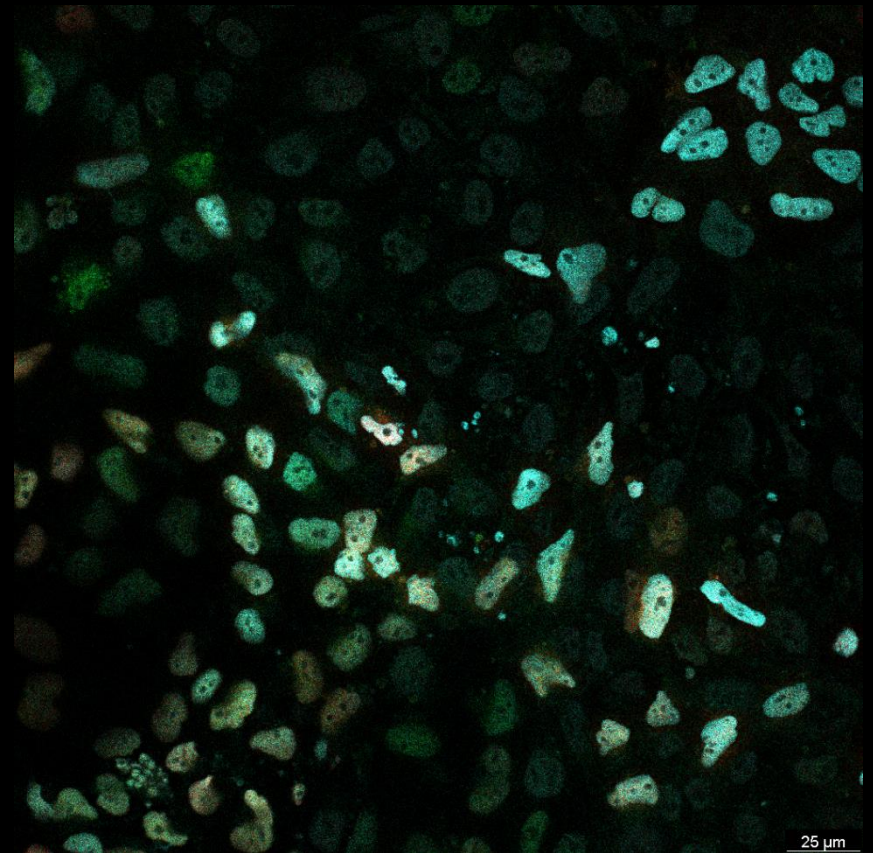
LUMC0251iSLC01, p4

Endoderm differentiation

EOMES FOXA2 GATA4 DAPI



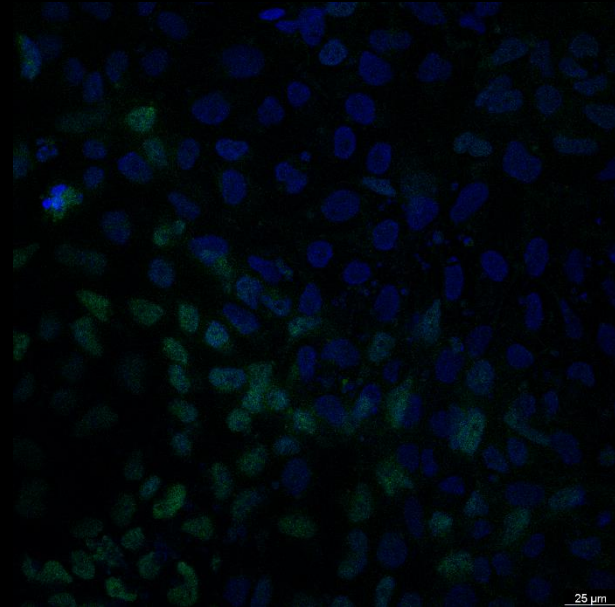
EOMES FOXA2 GATA4



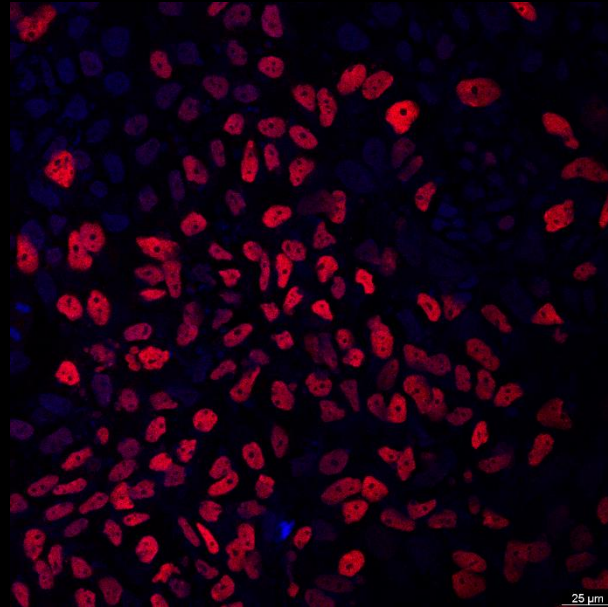
LUMC0251iSLC01, p4

Endoderm differentiation

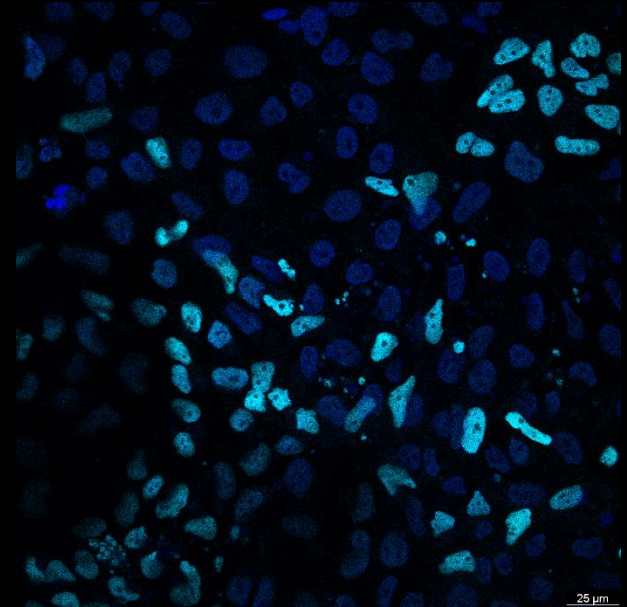
EOMES DAPI



FOXA2 DAPI



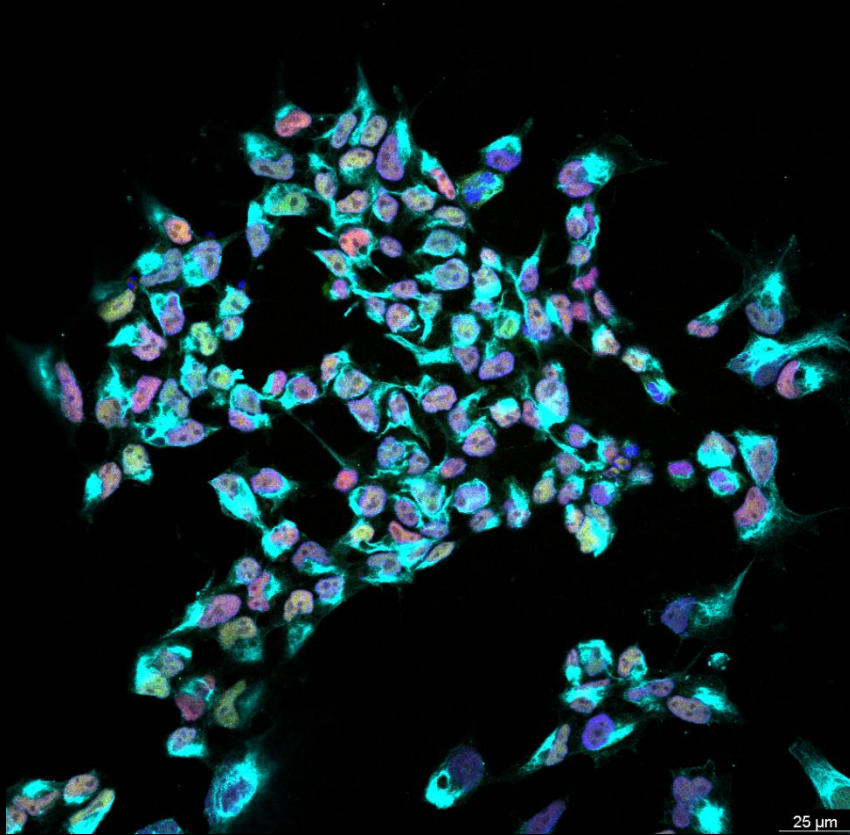
GATA4 DAPI



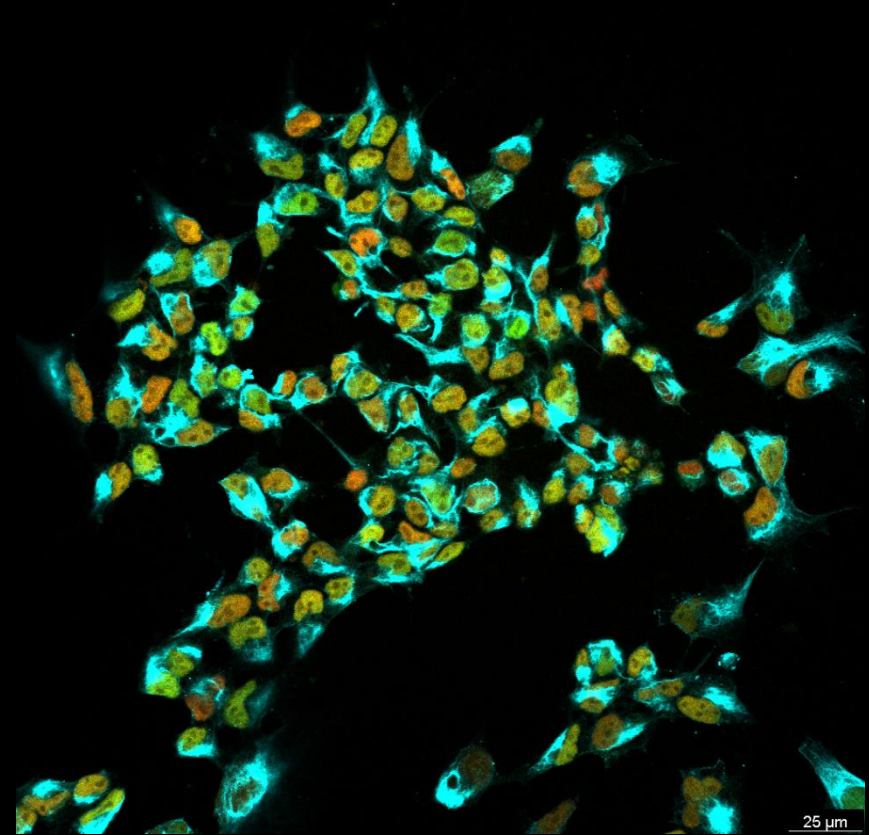
LUMC0251iSLC01, p4

Mesoderm differentiation

Brachyury CDX2 Vimentin DAPI



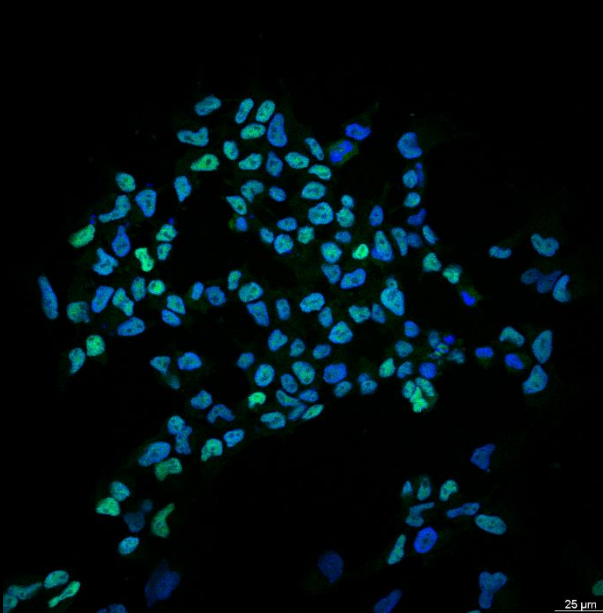
Brachyury CDX2 Vimentin



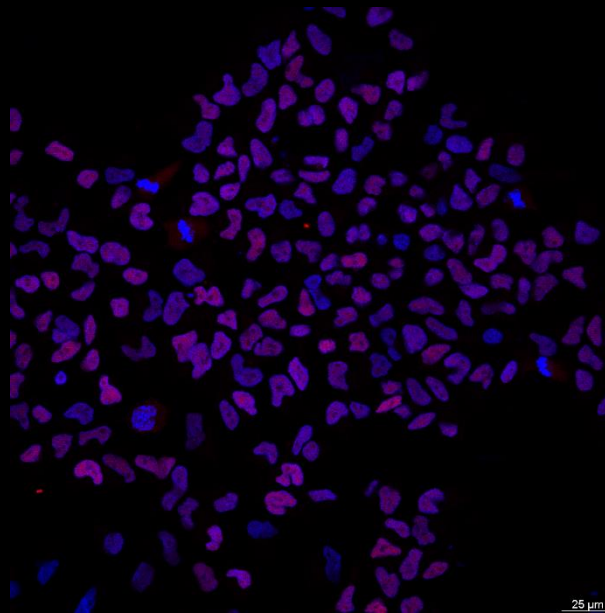
LUMC0251iSLC01, p4

Mesoderm differentiation

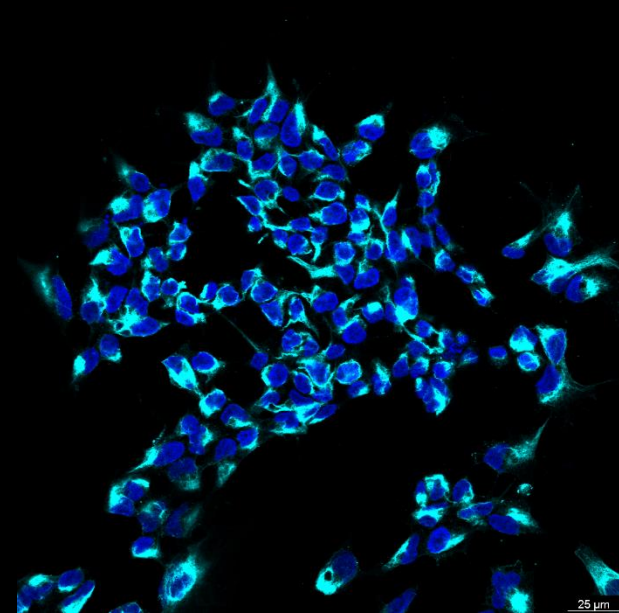
Brachyury DAPI



CDX2 DAPI

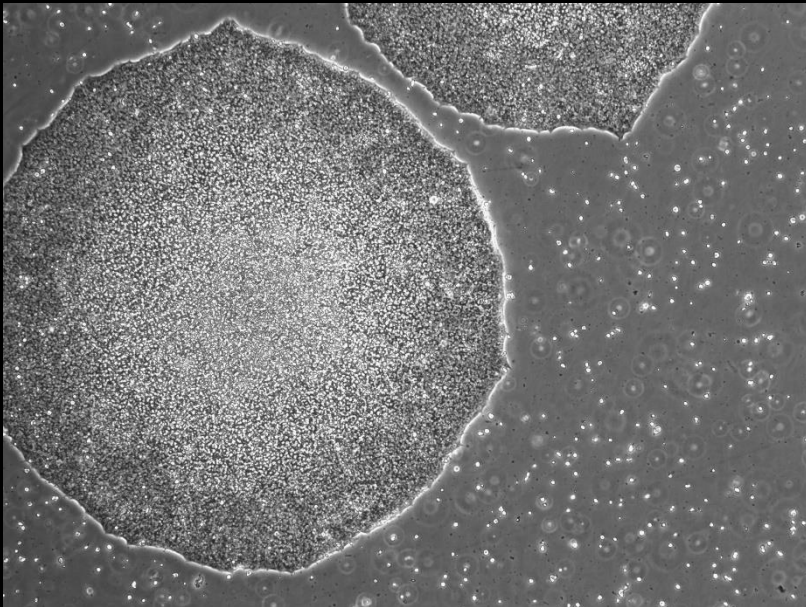


Vimentin DAPI

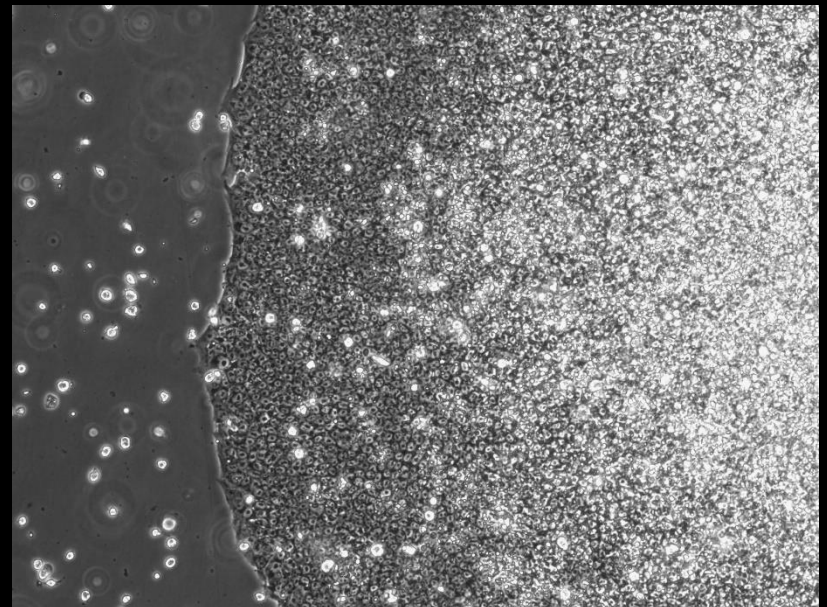


LUMC0251iSLC03, p5

(7 days after passaging)



40x

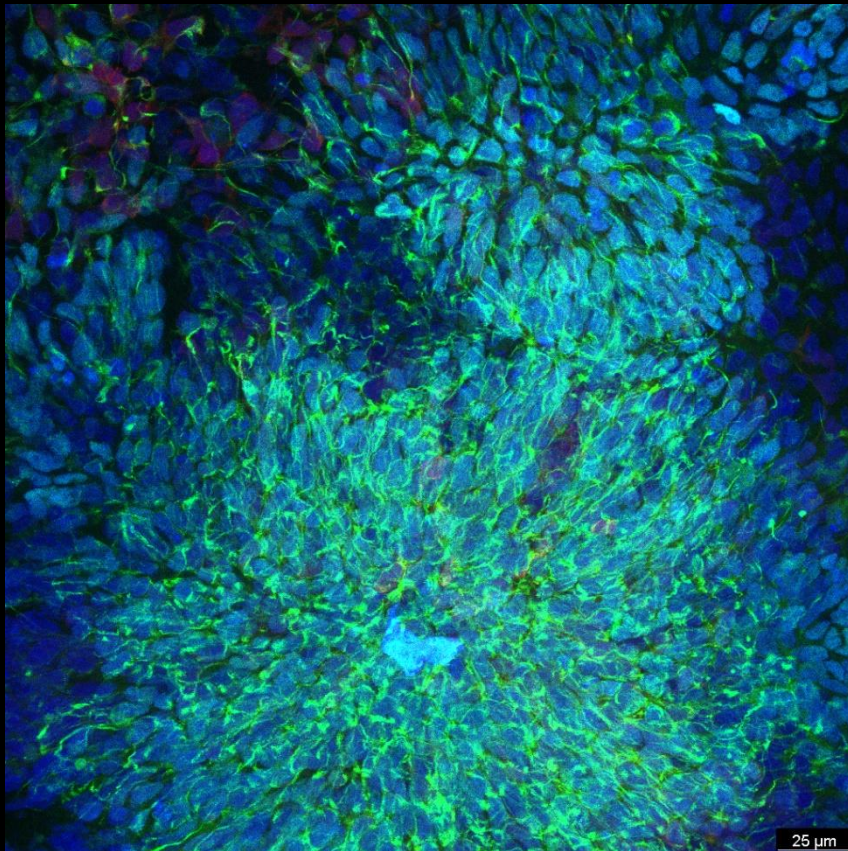


100x

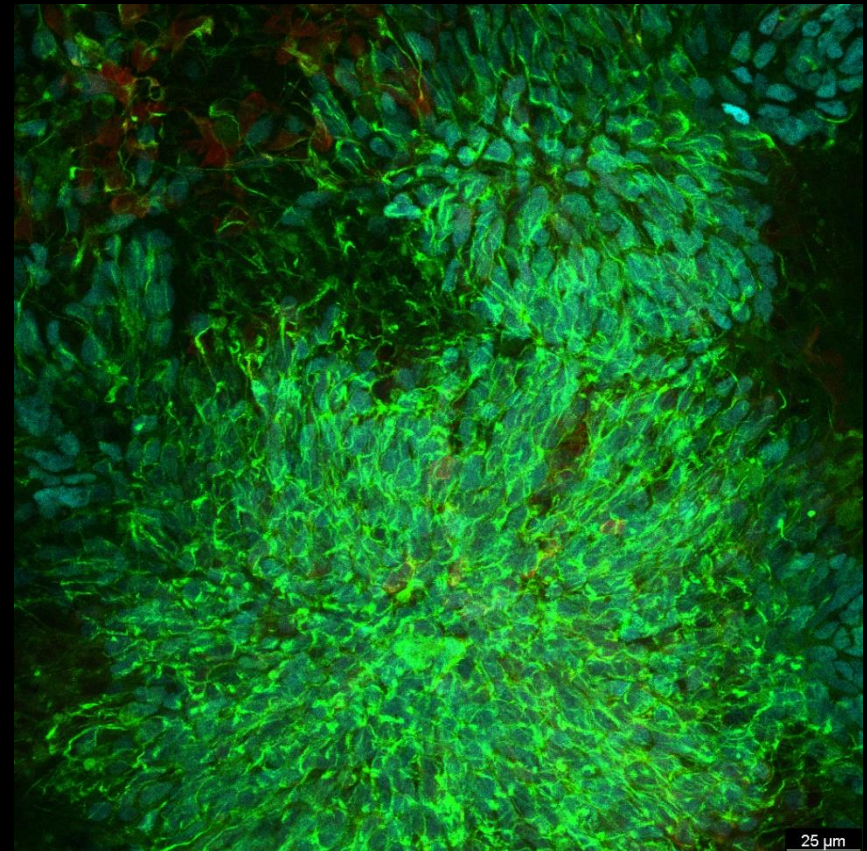
LUMC0251iSLC03, p4

Ectoderm differentiation

Nestin FABP7 PAX6 DAPI



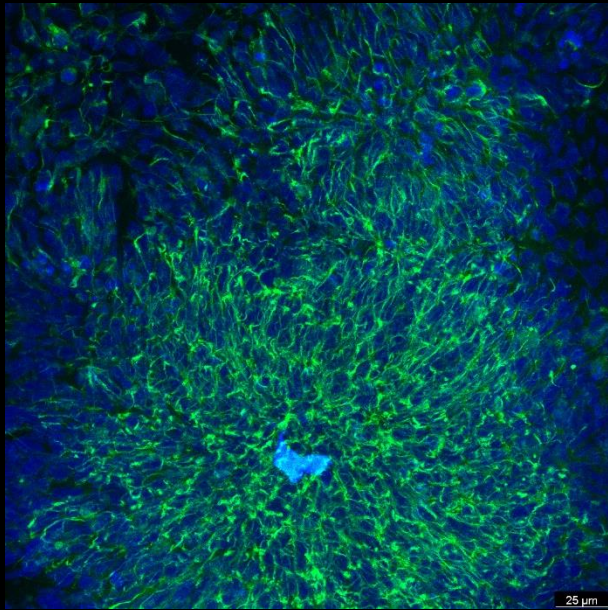
Nestin FABP7 PAX6



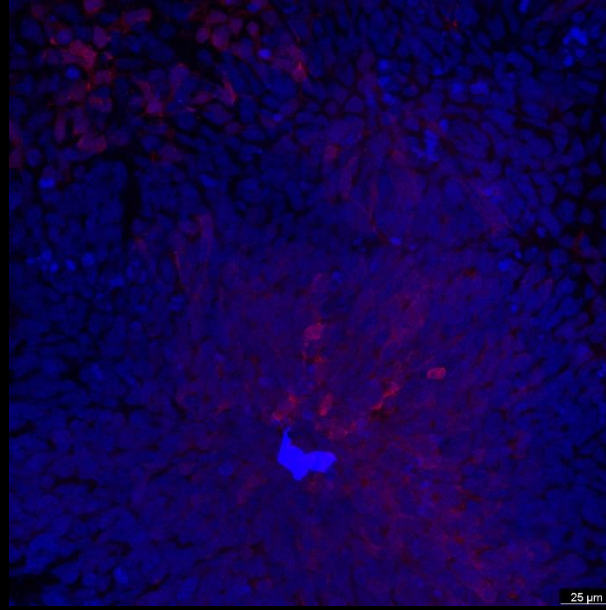
LUMC0251iSLC03, p4

Ectoderm differentiation

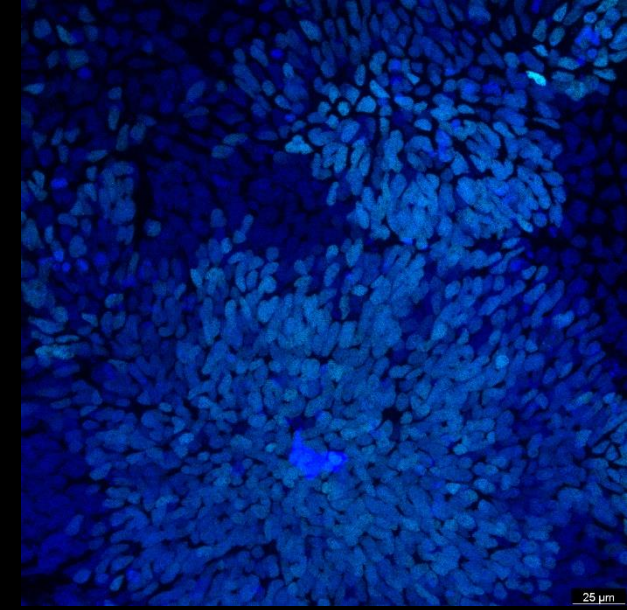
Nestin DAPI



FABP7 DAPI



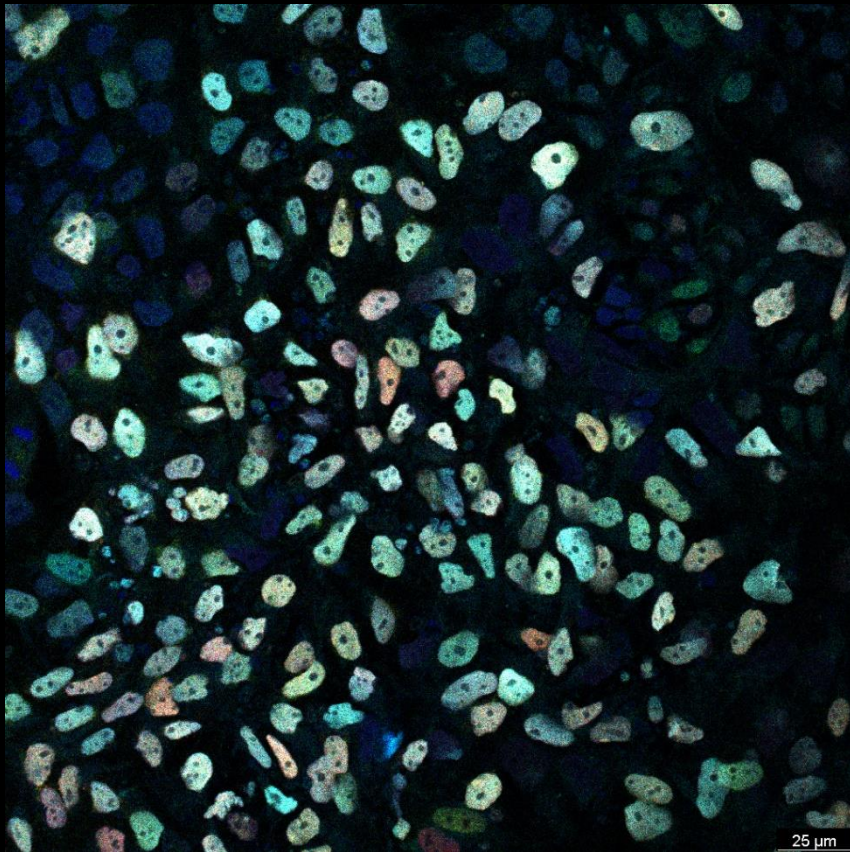
PAX6 DAPI



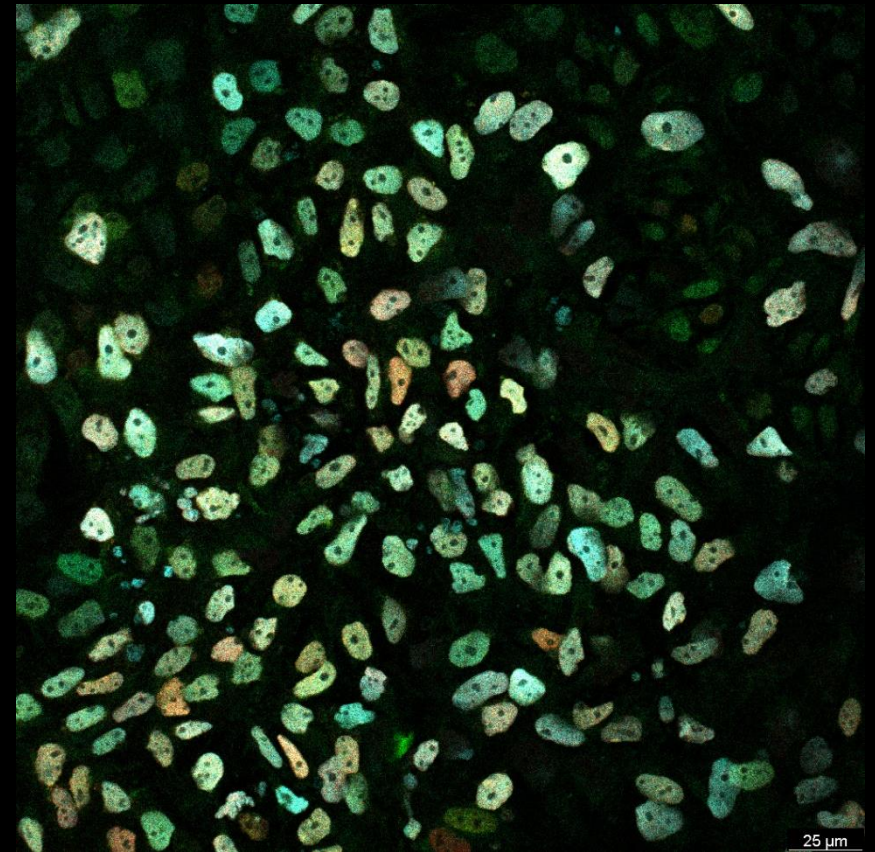
LUMC0251iSLC03, p4

Endoderm differentiation

EOMES FOXA2 GATA4 DAPI



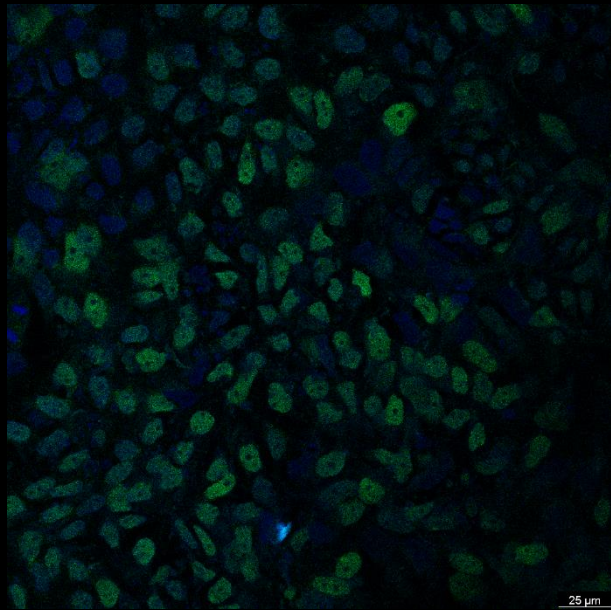
EOMES FOXA2 GATA4



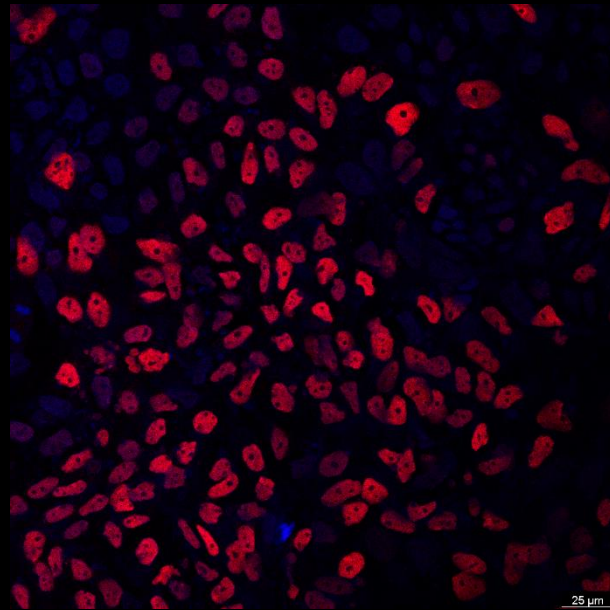
LUMC0251iSLC03, p4

Endoderm differentiation

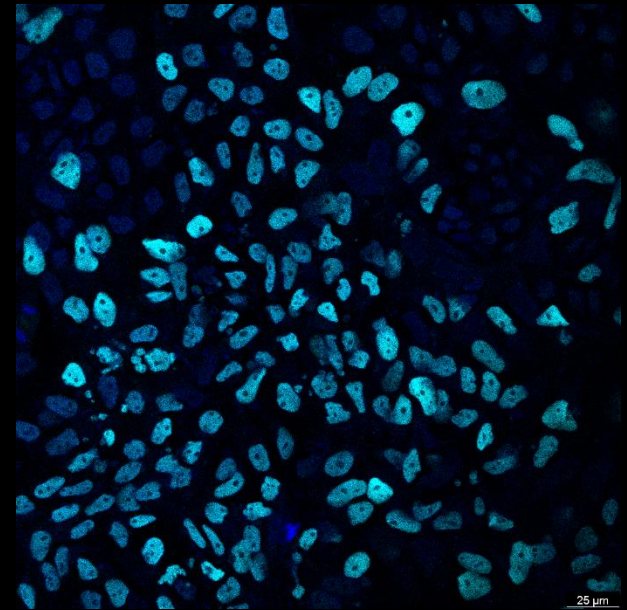
EOMES DAPI



FOXA2 DAPI



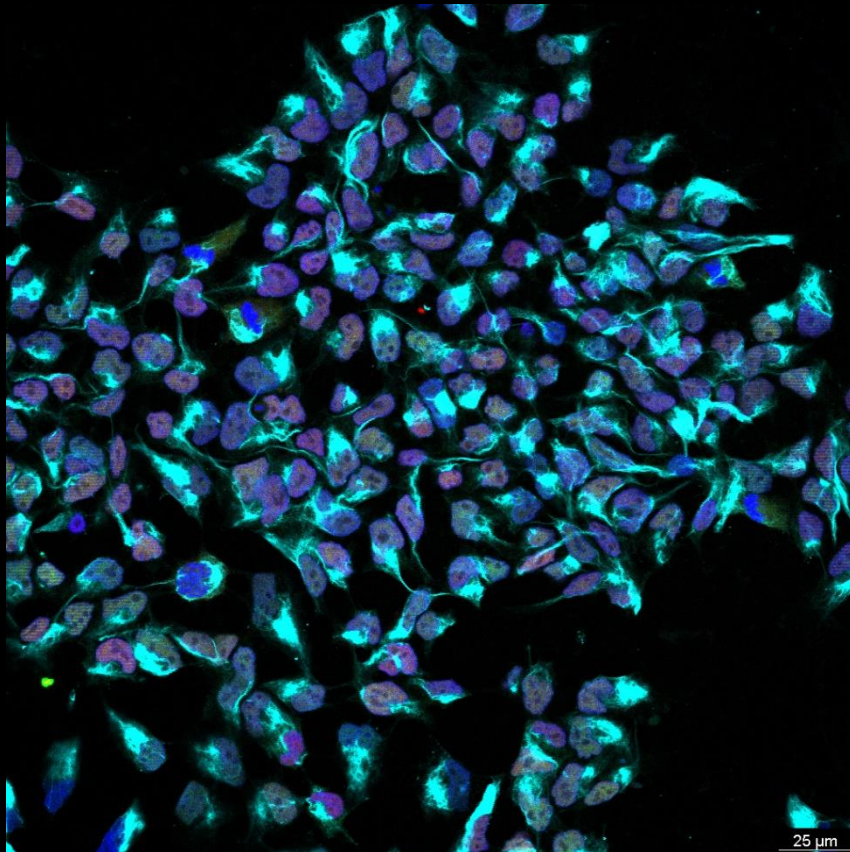
GATA4 DAPI



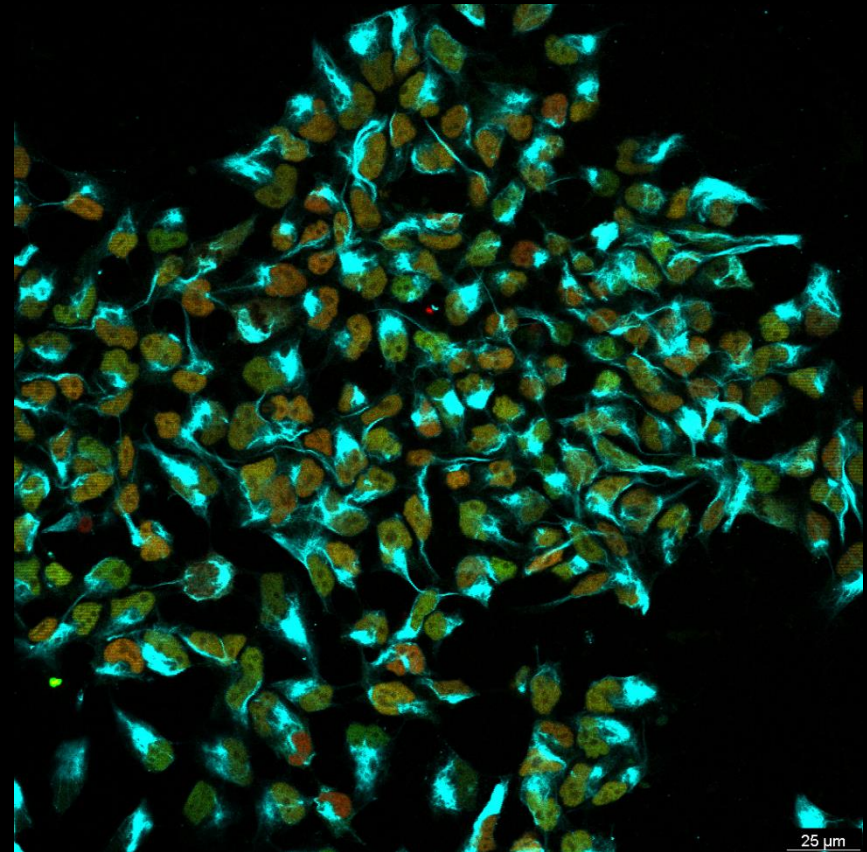
LUMC0251iSLC03, p4

Mesoderm differentiation

Brachyury CDX2 Vimentin DAPI



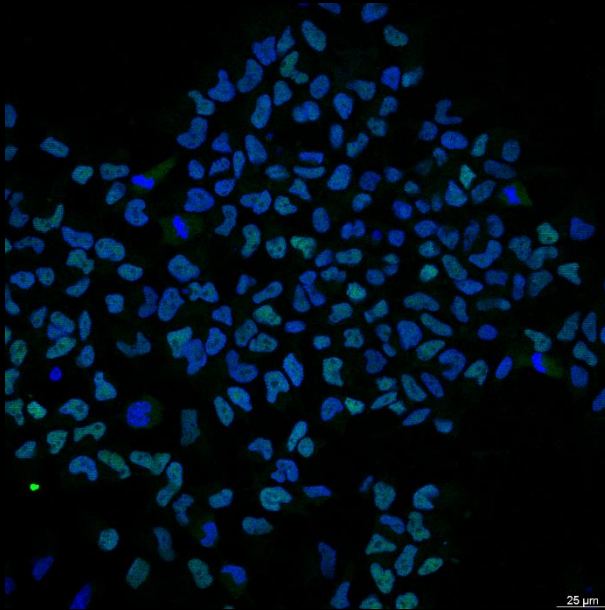
Brachyury CDX2 Vimentin



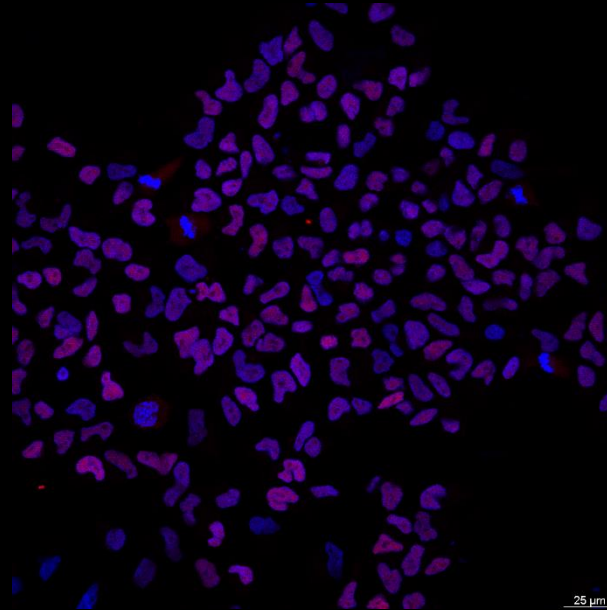
LUMC0251iSLC03, p4

Mesoderm differentiation

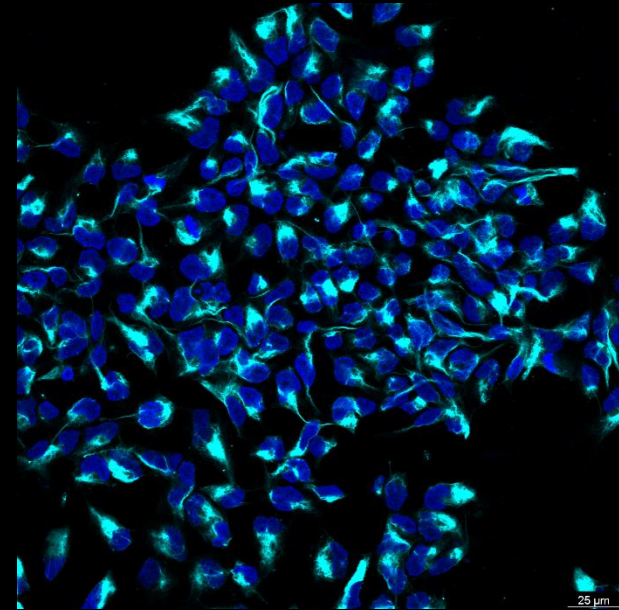
Brachyury DAPI



CDX2 DAPI

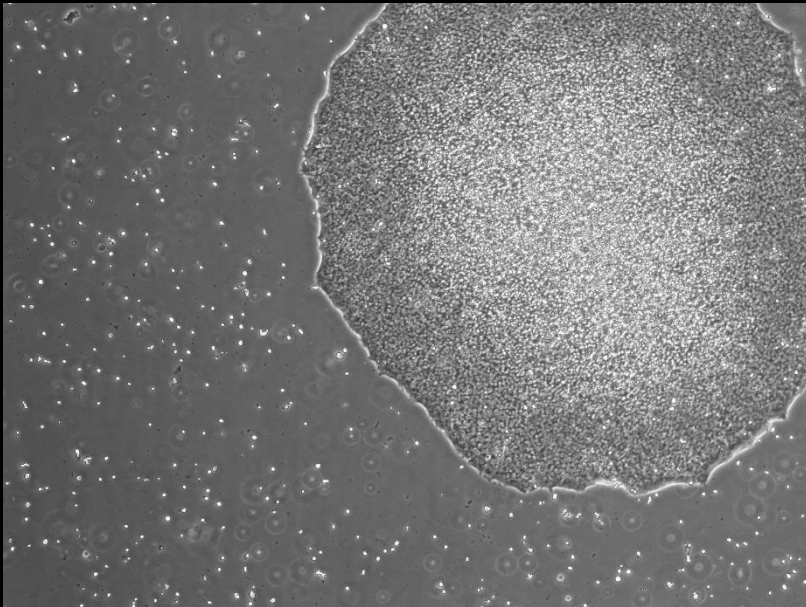


Vimentin DAPI

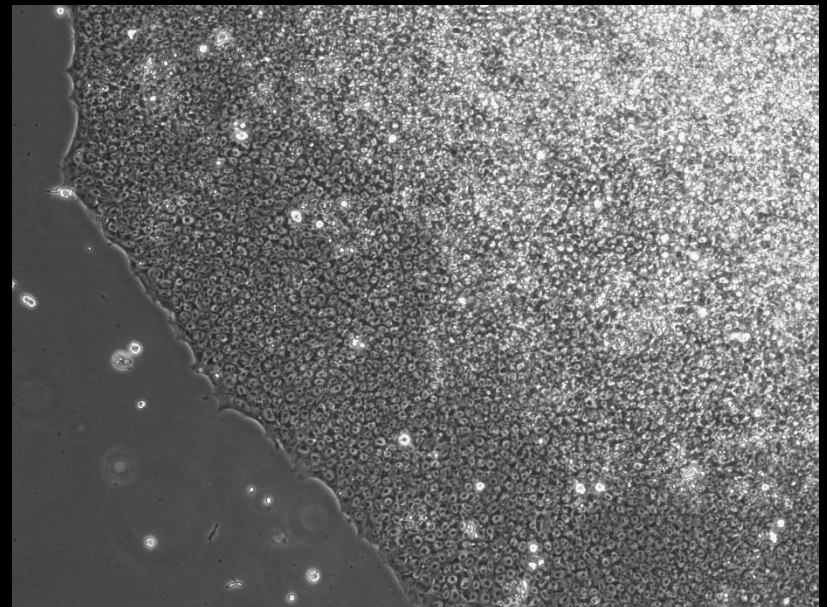


LUMC0251iSLC06, p5

(7 days after passaging)



40x

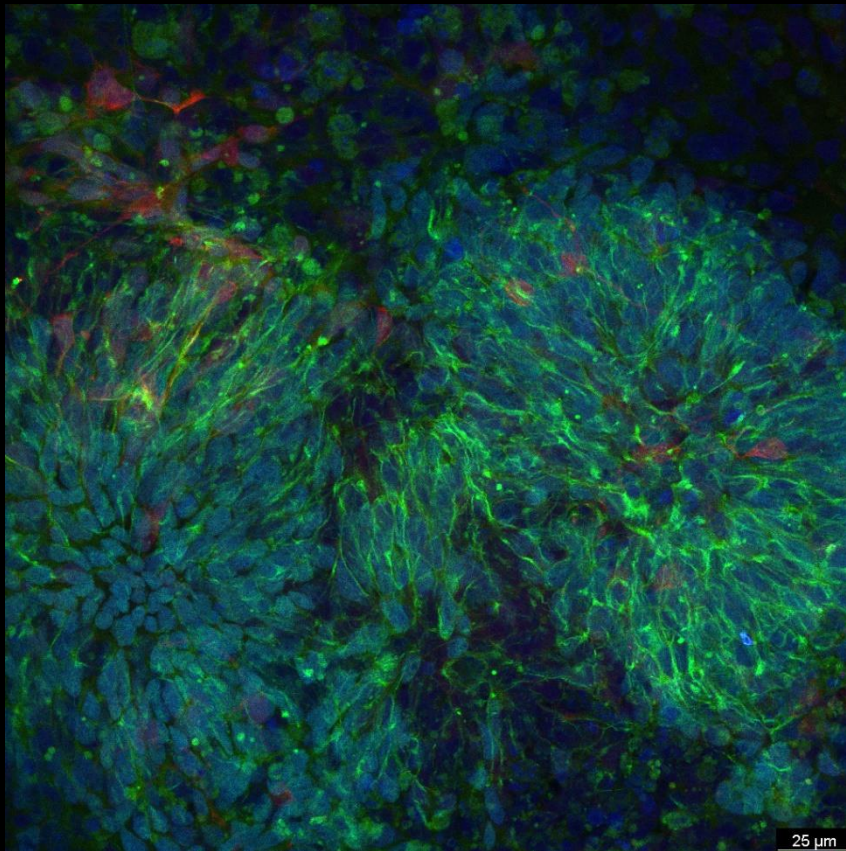


100x

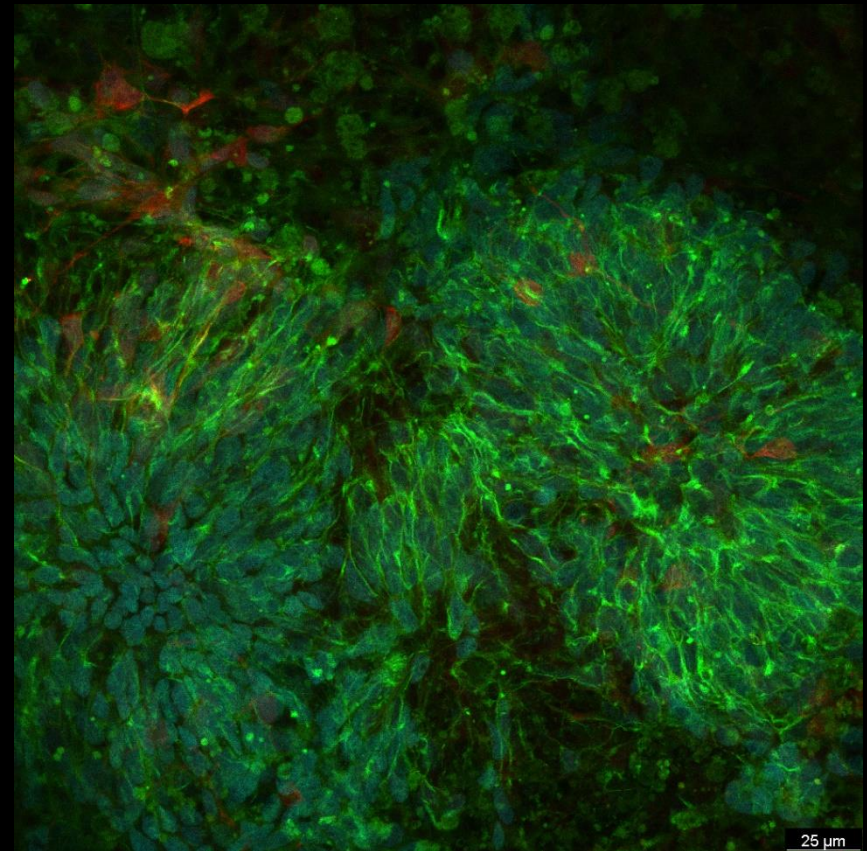
LUMC0251iSLC06, p4

Ectoderm differentiation

Nestin FABP7 PAX6 DAPI



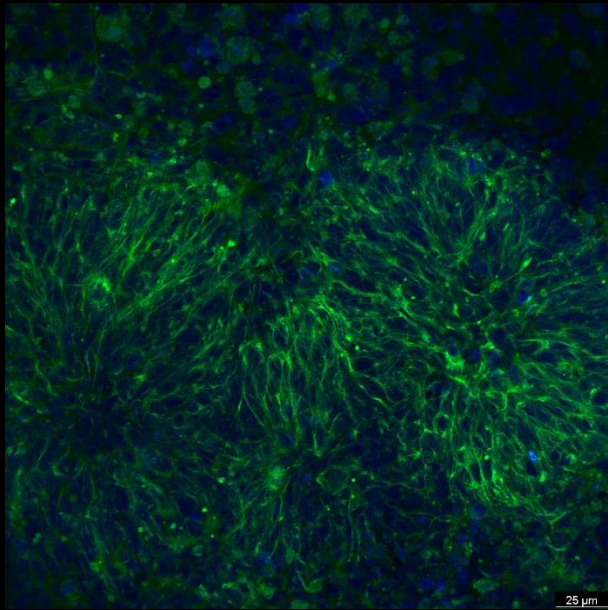
Nestin FABP7 PAX6



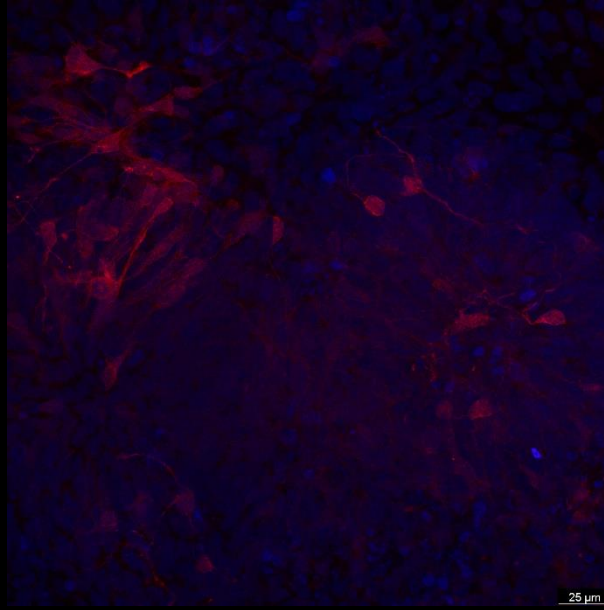
LUMC0251iSLC06, p4

Ectoderm differentiation

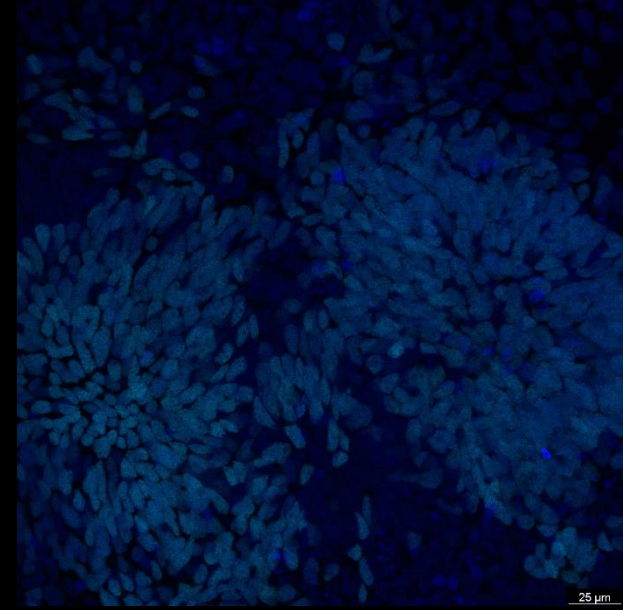
Nestin DAPI



FABP7 DAPI



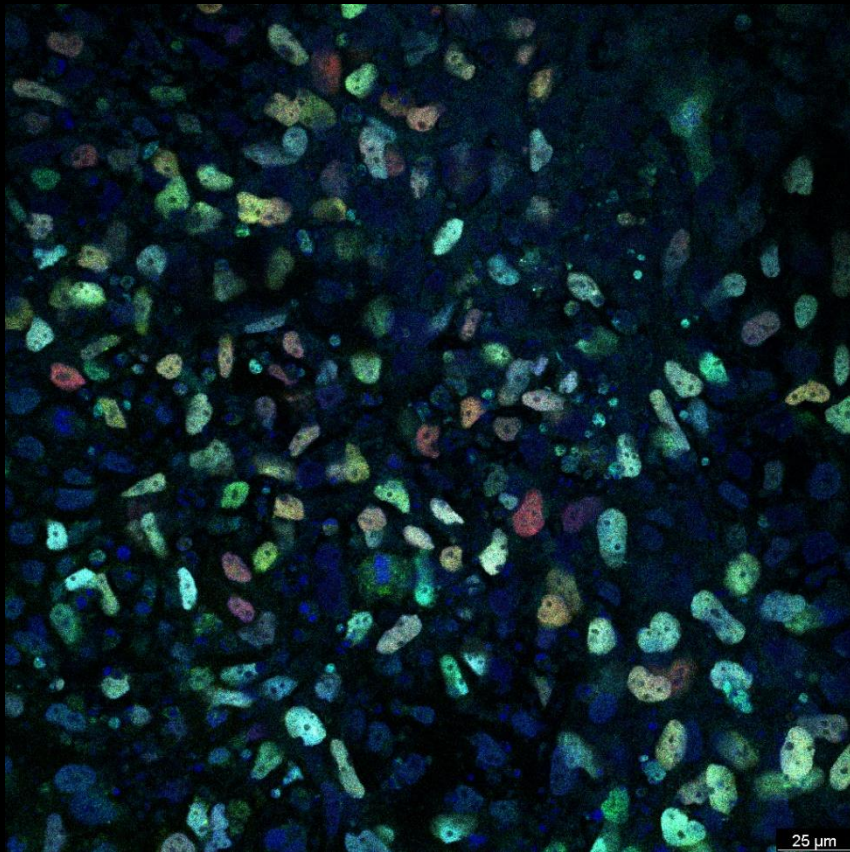
PAX6 DAPI



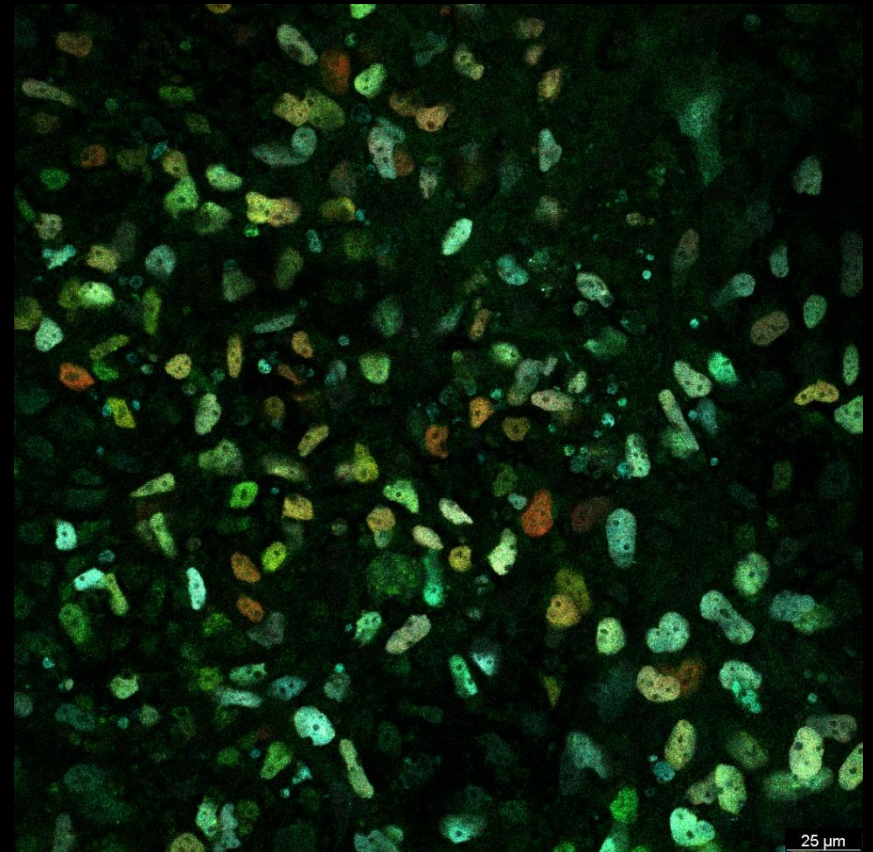
LUMC0251iSLC06, p4

Endoderm differentiation

EOMES FOXA2 GATA4 DAPI



EOMES FOXA2 GATA4



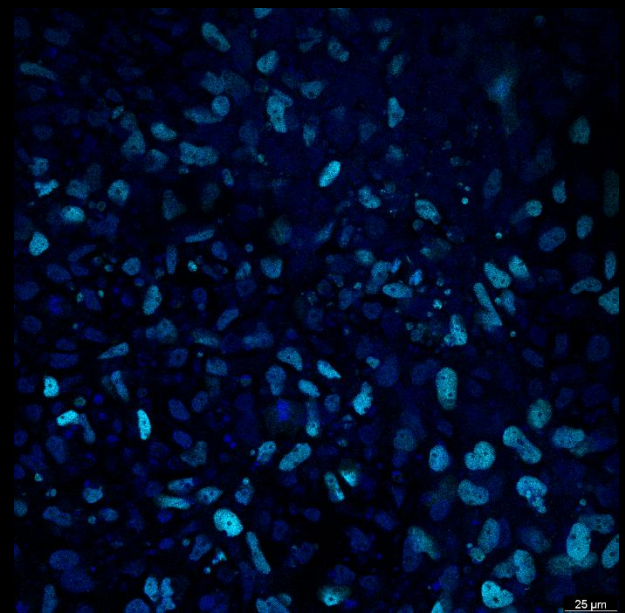
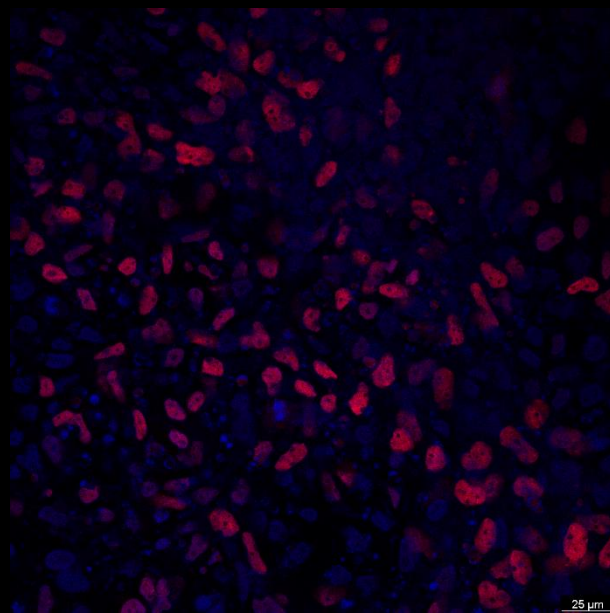
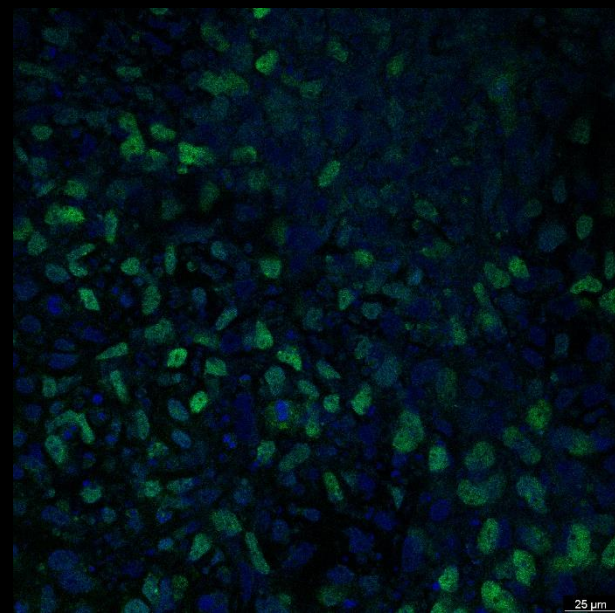
LUMC0251iSLC06, p4

Endoderm differentiation

EOMES DAPI

FOXA2 DAPI

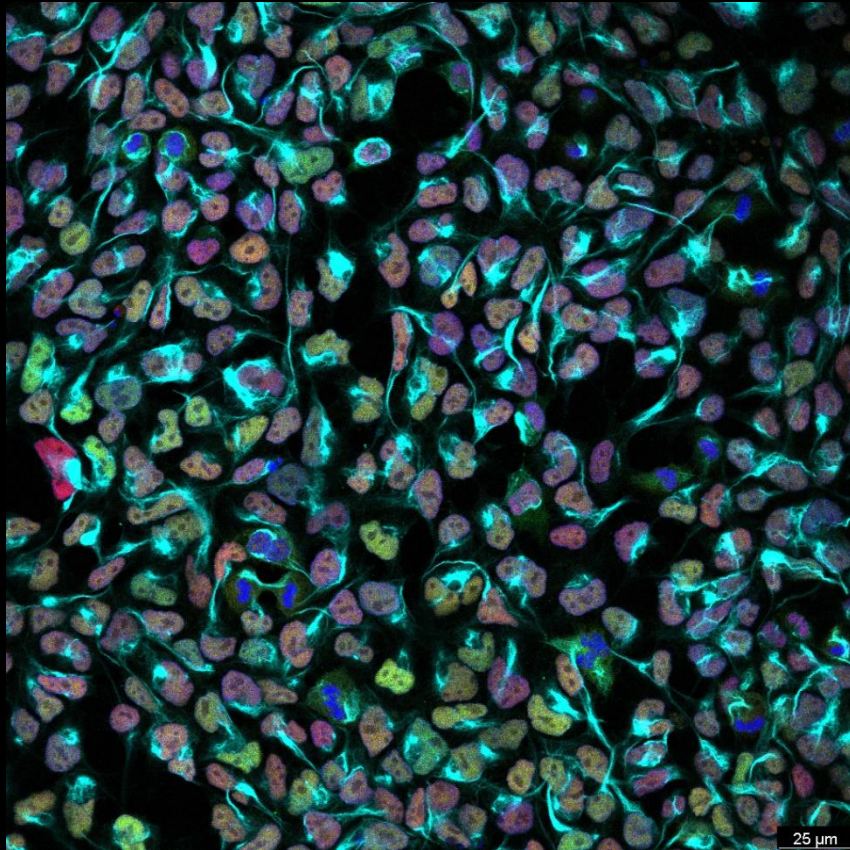
GATA4 DAPI



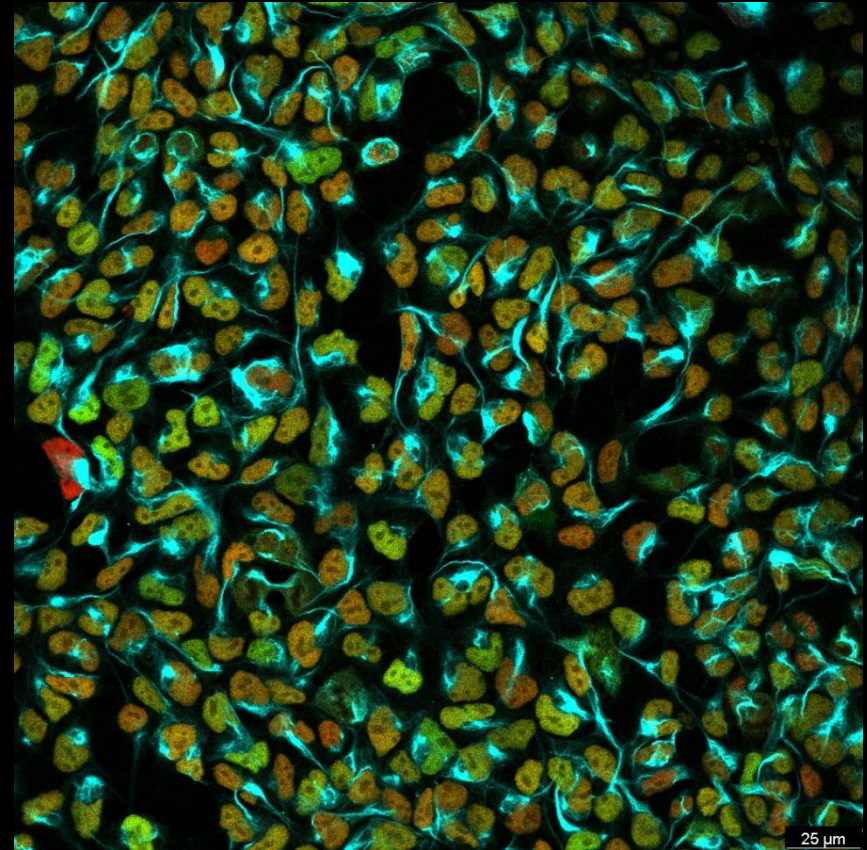
LUMC0251iSLC06, p4

Mesoderm differentiation

Brachyury CDX2 Vimentin DAPI



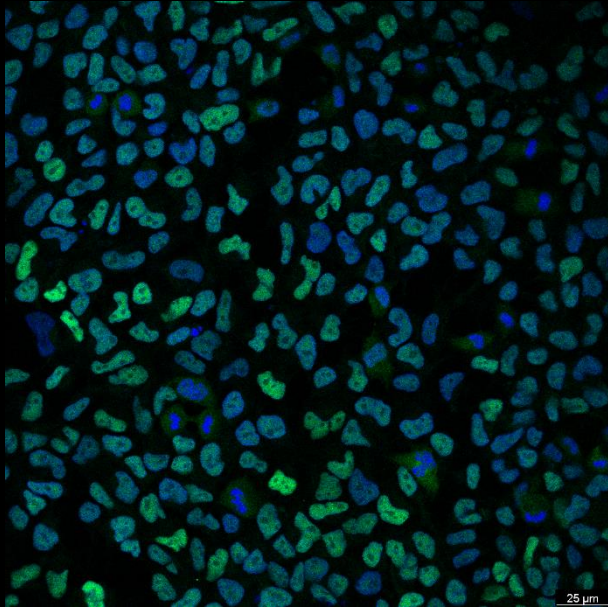
Brachyury CDX2 Vimentin



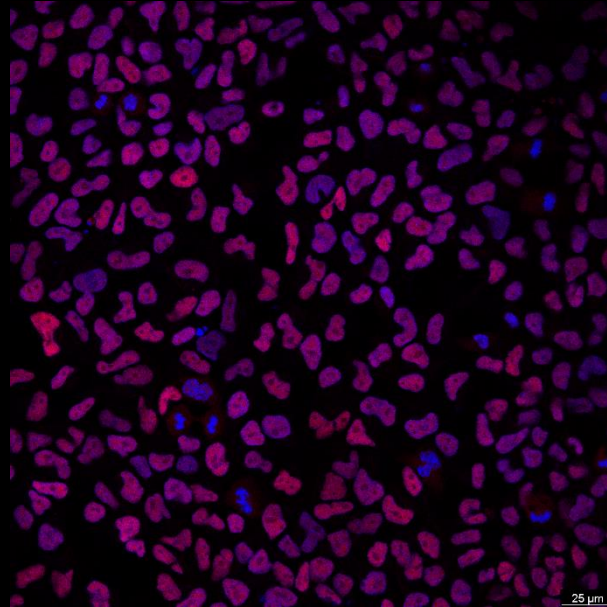
LUMC0251iSLC06, p4

Mesoderm differentiation

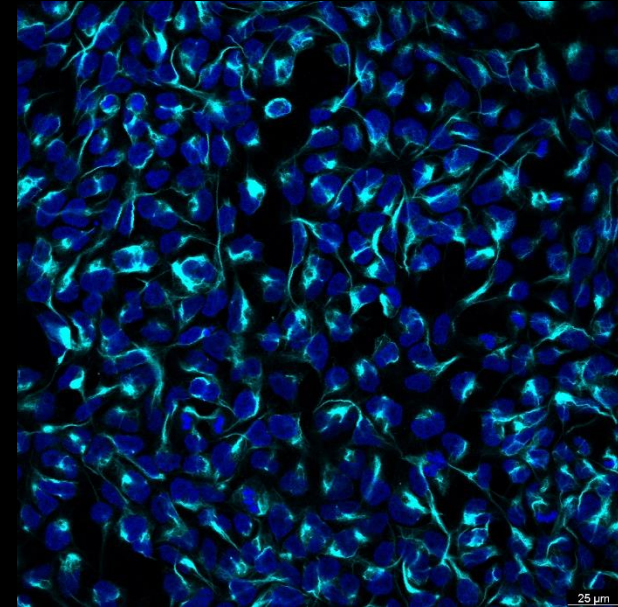
Brachyury DAPI



CDX2 DAPI



Vimentin DAPI



Conclusion

Clone	Pluripotency markers	Ectoderm	Endoderm	Mesoderm	SeV
01	✓	✓	✓	✓	✓
03	✓	✓	✓	✓	✓
06	✓	✓	✓	✓	✓