

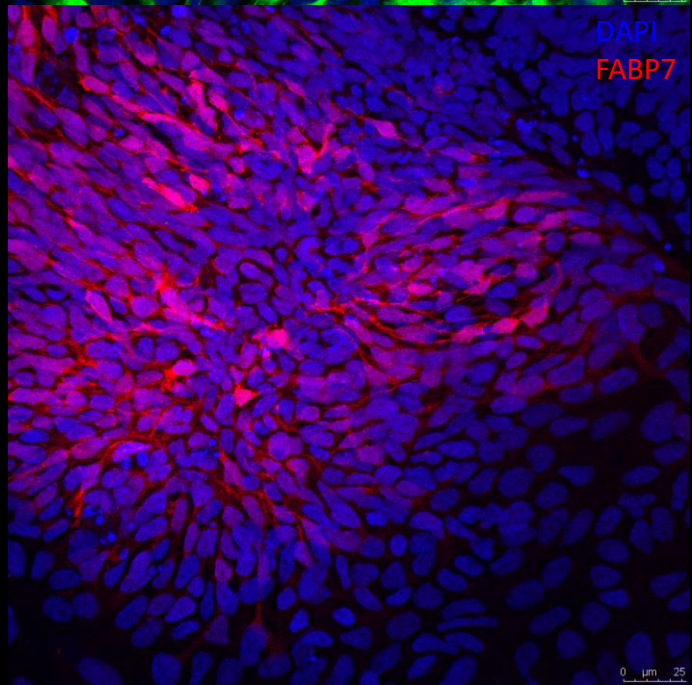
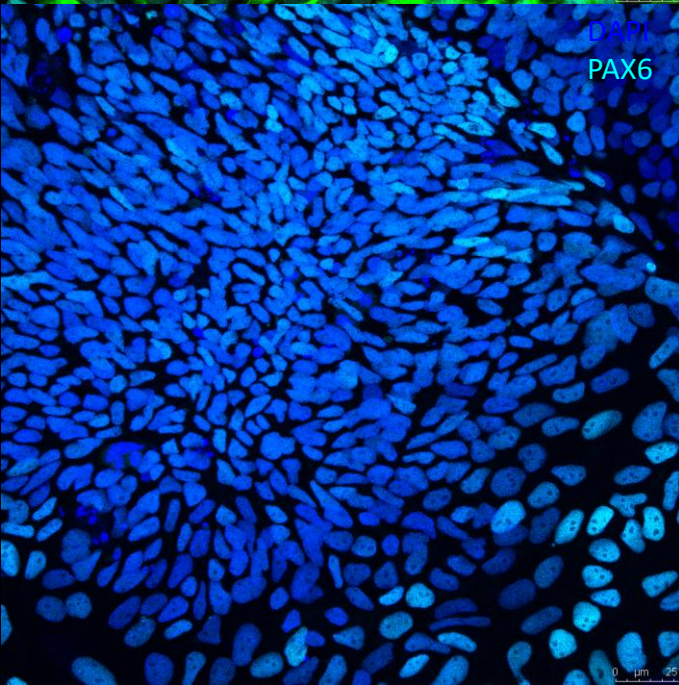
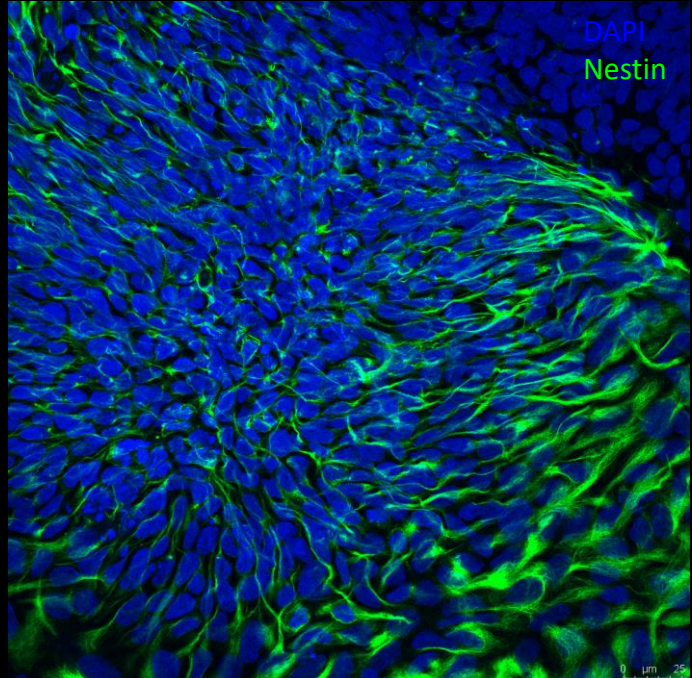
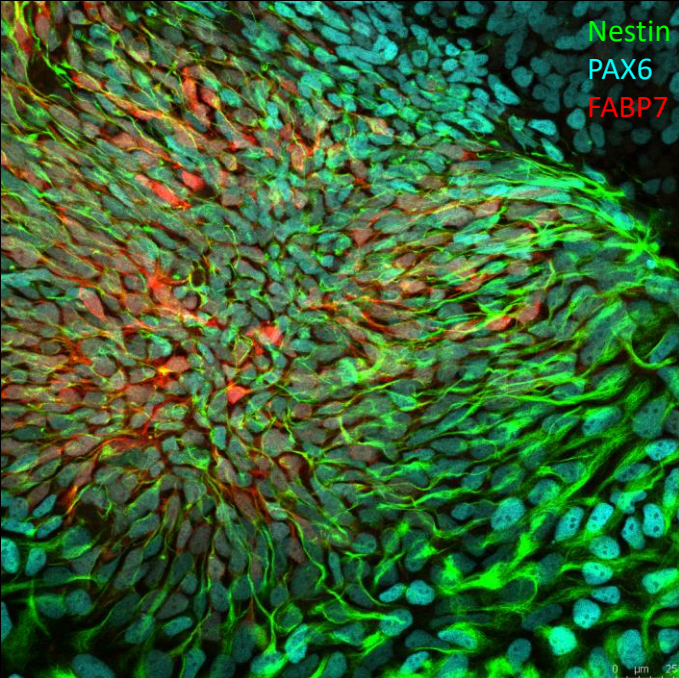
isoLUMC0116iCRB09

Pluripotency & Trilineage differentiation
30-10-2019

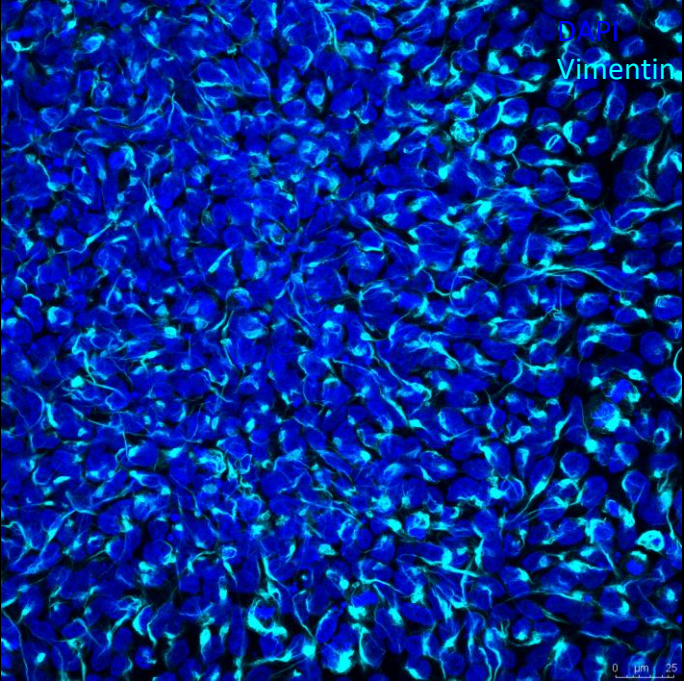
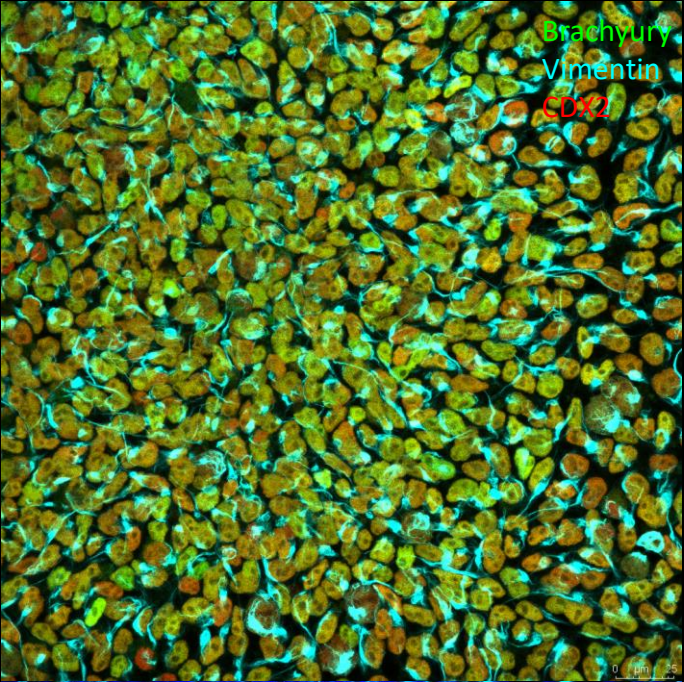
Flow cytometry results pluripotency markers

Clone	OCT 3/4	NANOG	SSEA4
02	90,5%	93,4%	89,9%
03	88,0%	91,6%	95,5%
04	99.5%	97,3%	86,9%

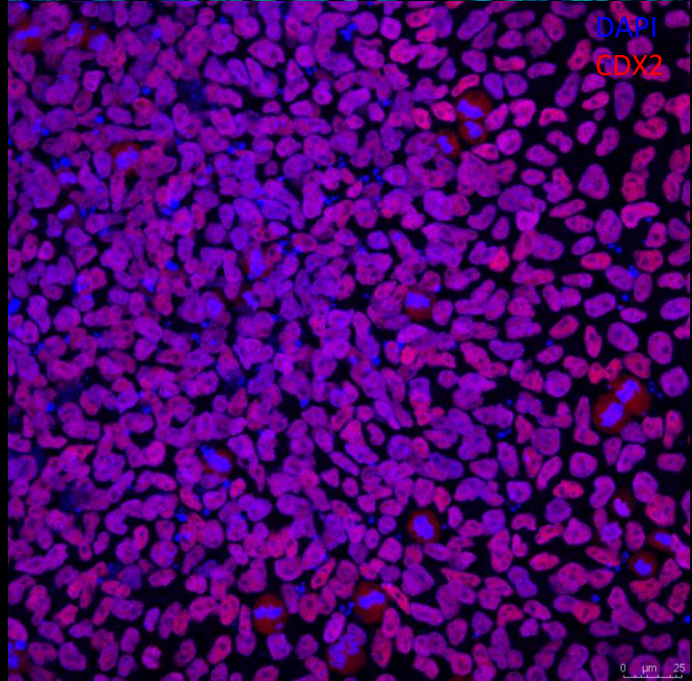
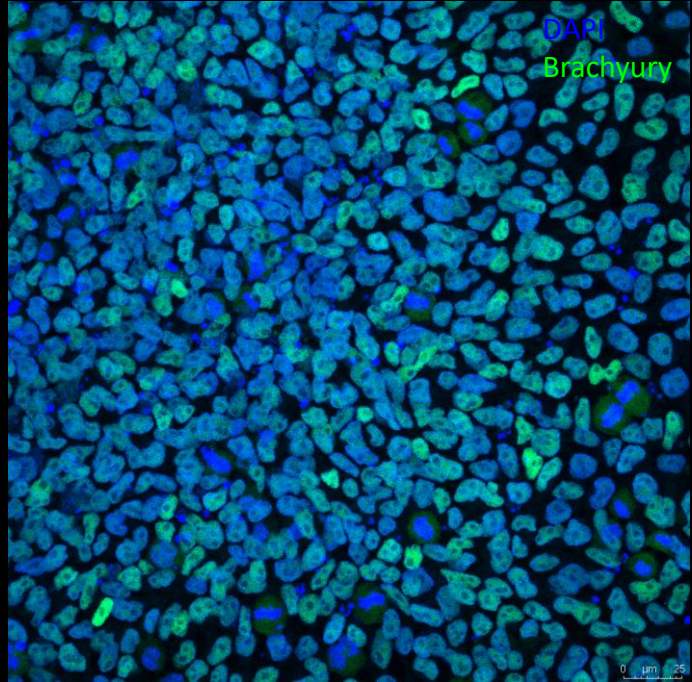
Iso02LUMC0116iCRB09
Ectoderm



400x

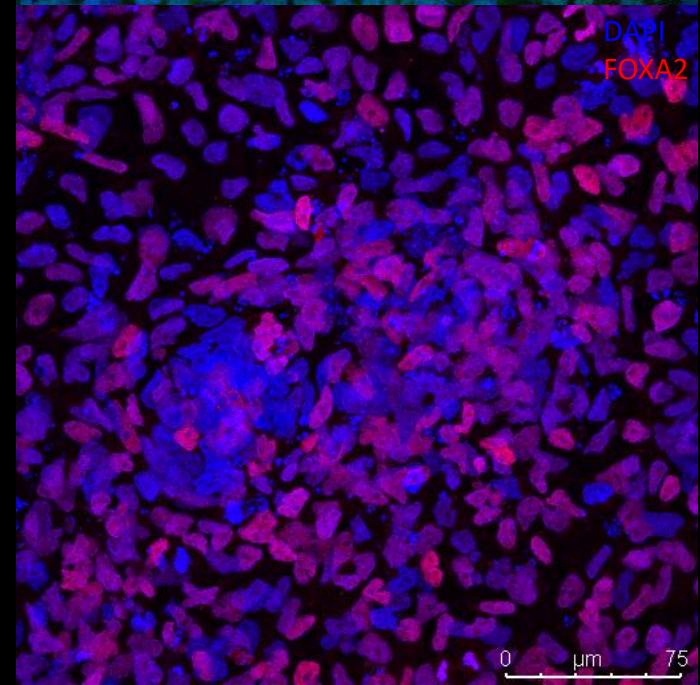
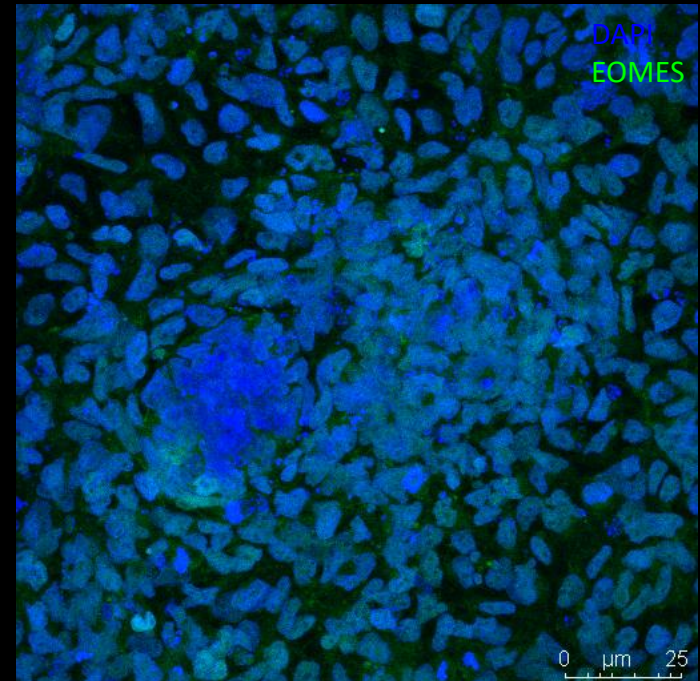
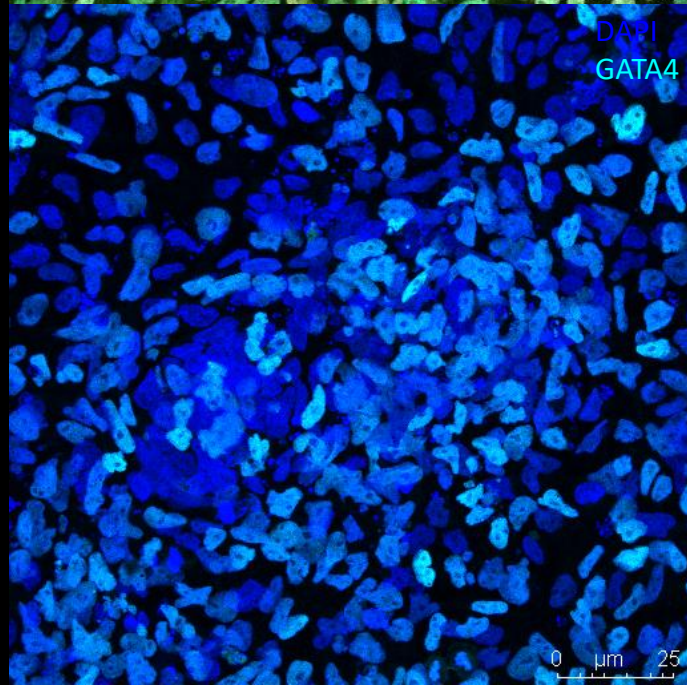
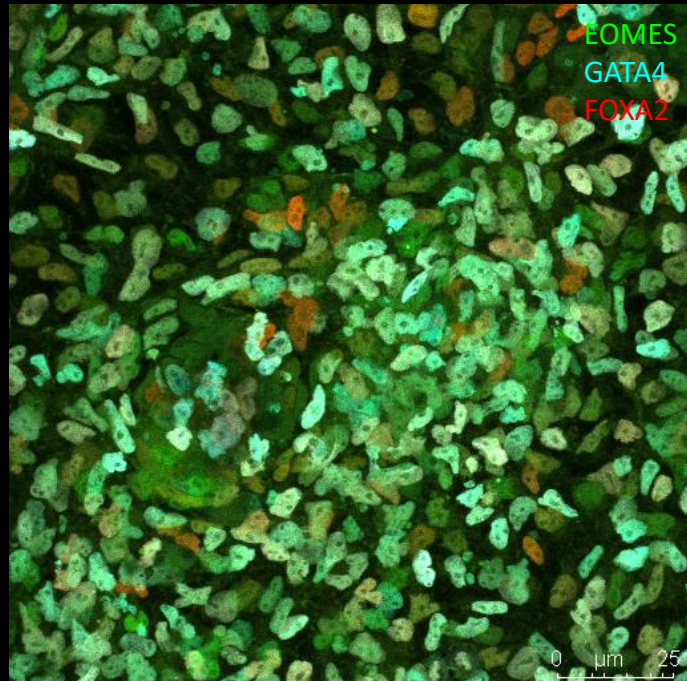


iso02LUMC0116iCRB09
Mesoderm



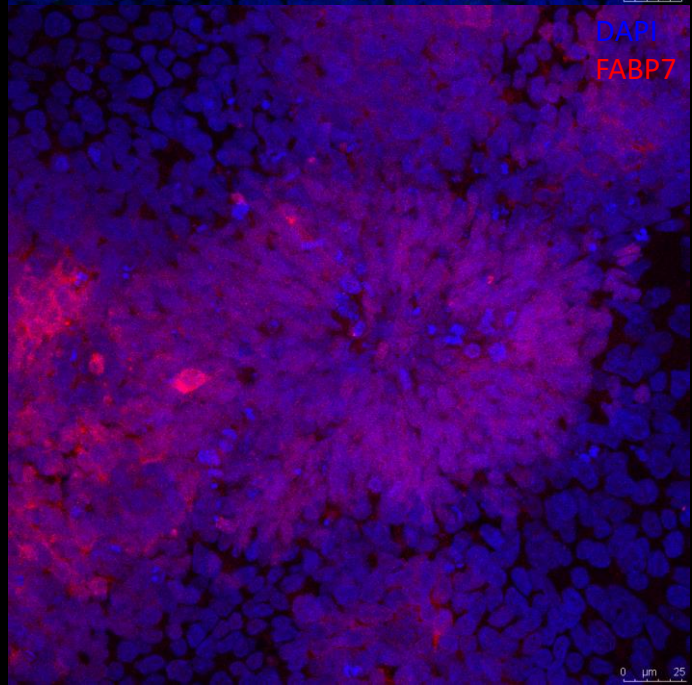
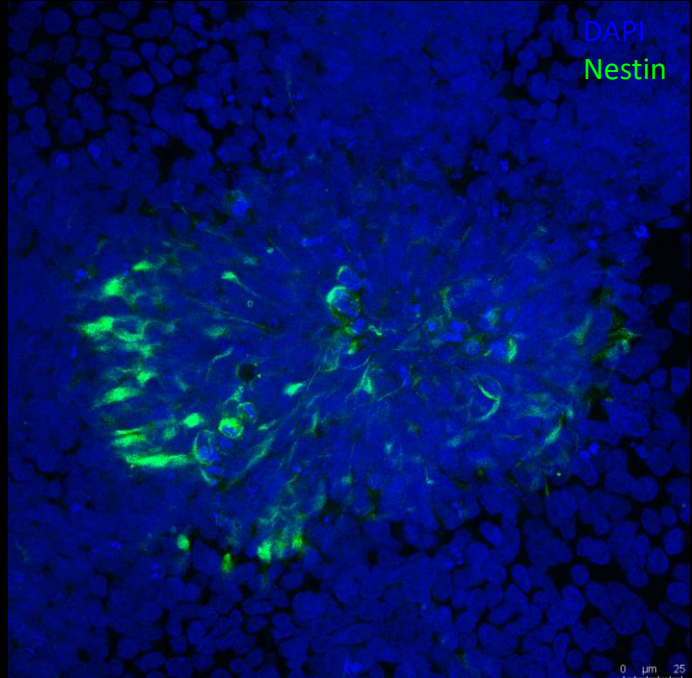
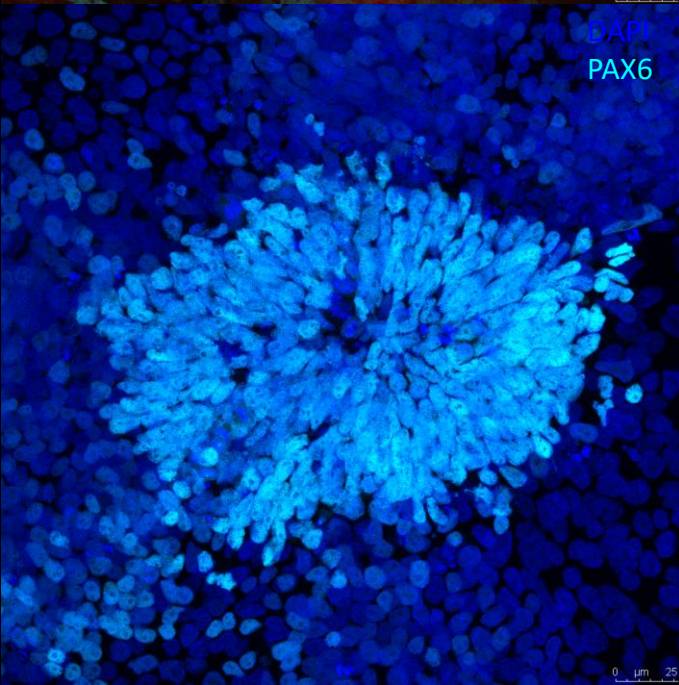
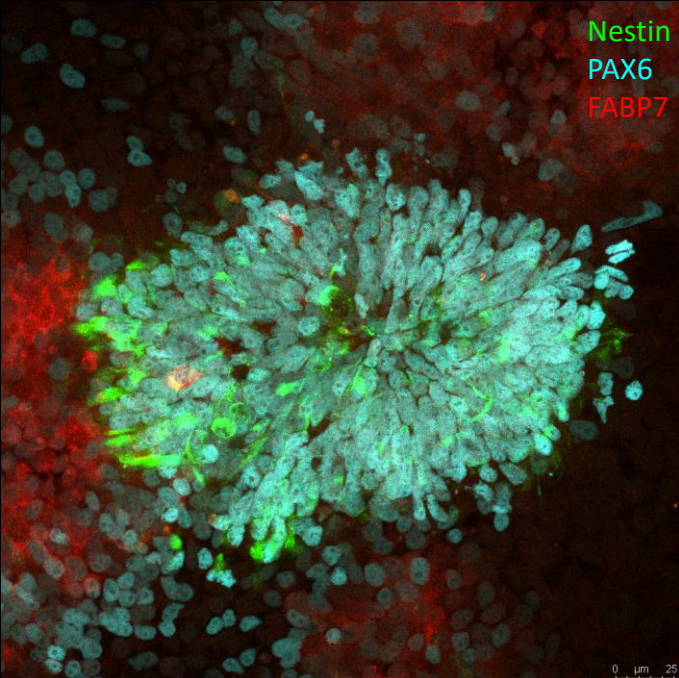
400x

iso02LUMC0116iCRB09
Endoderm

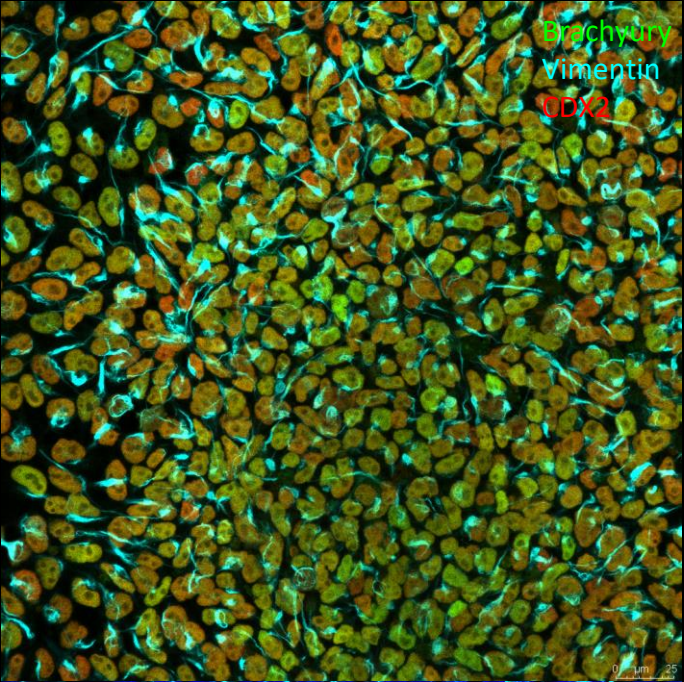


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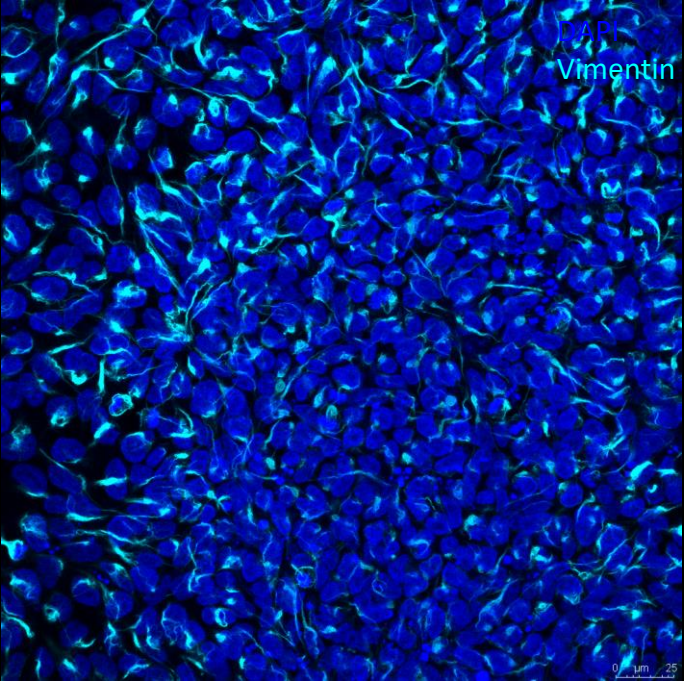
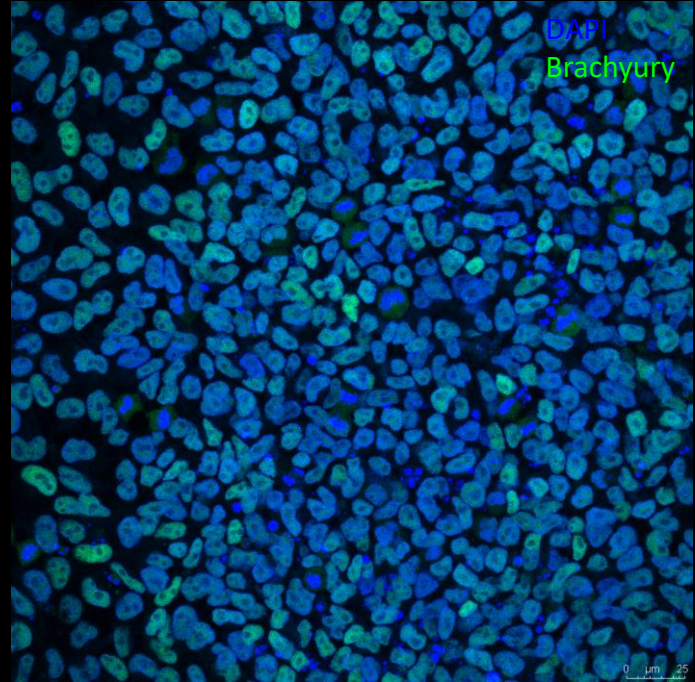
Iso03LUMC0116iCRB09
Ectoderm



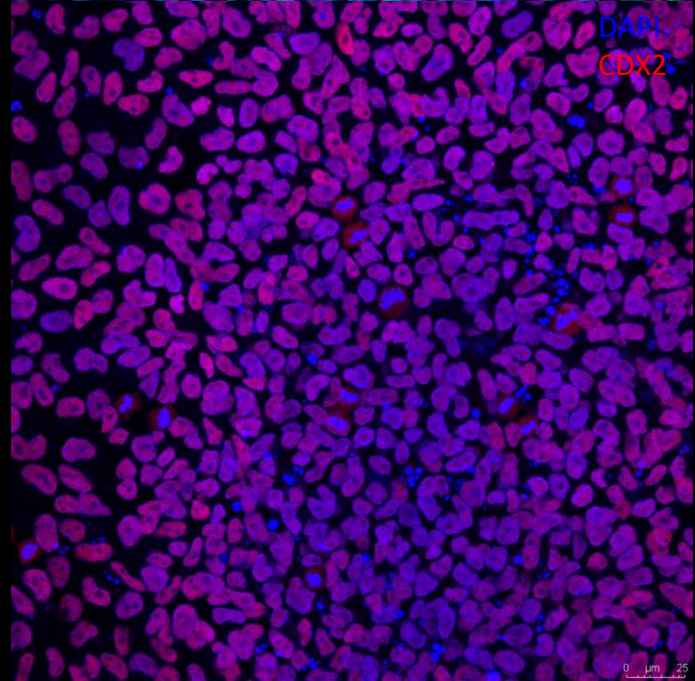
400x



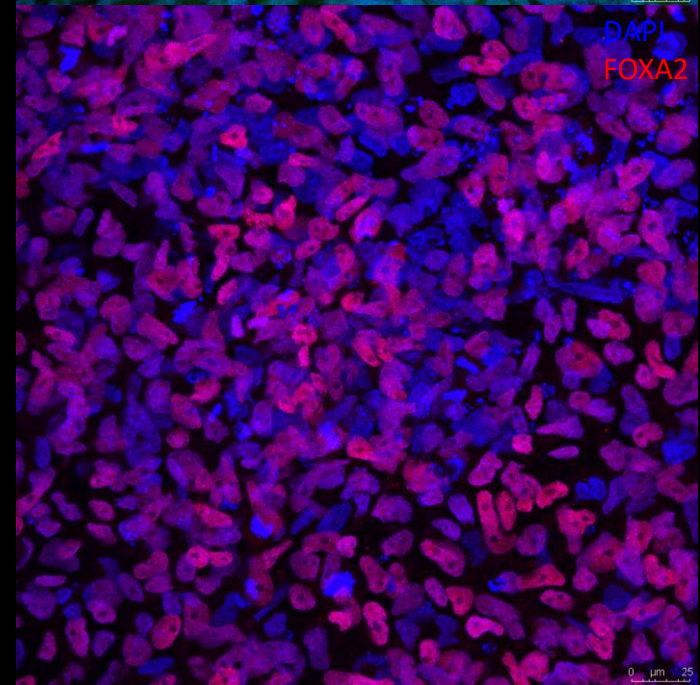
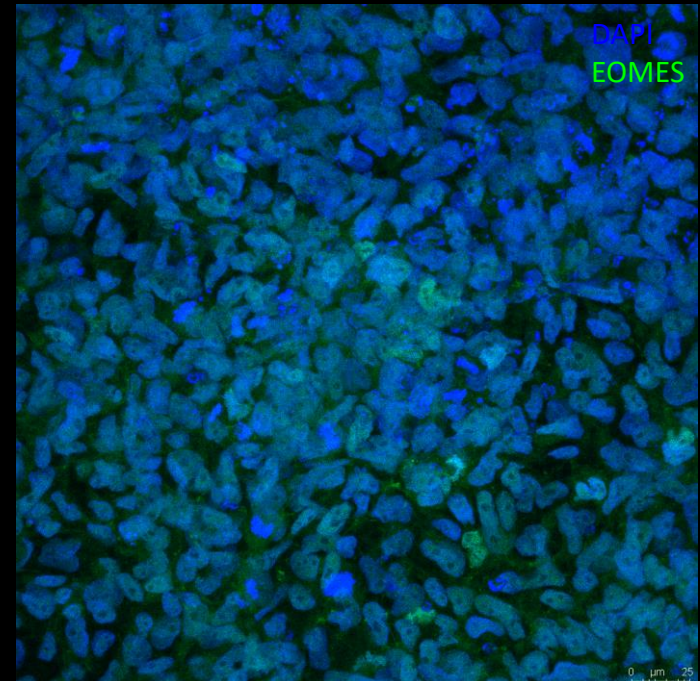
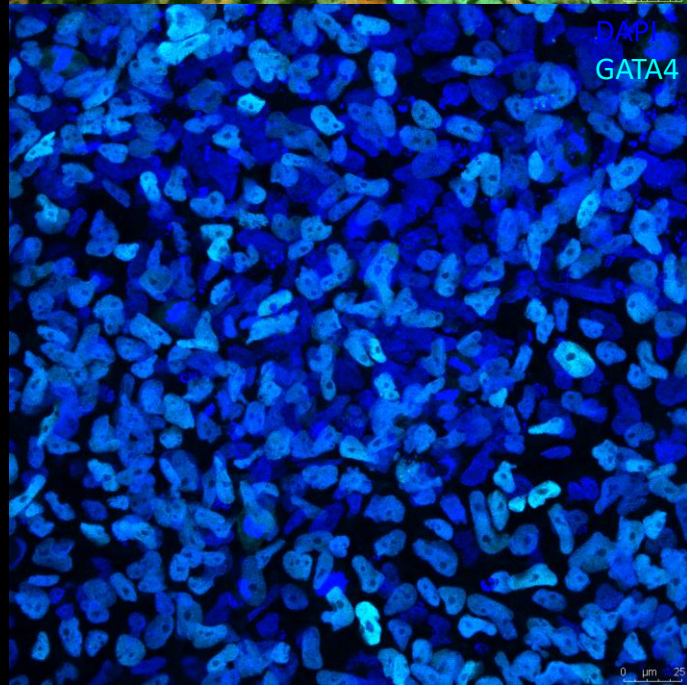
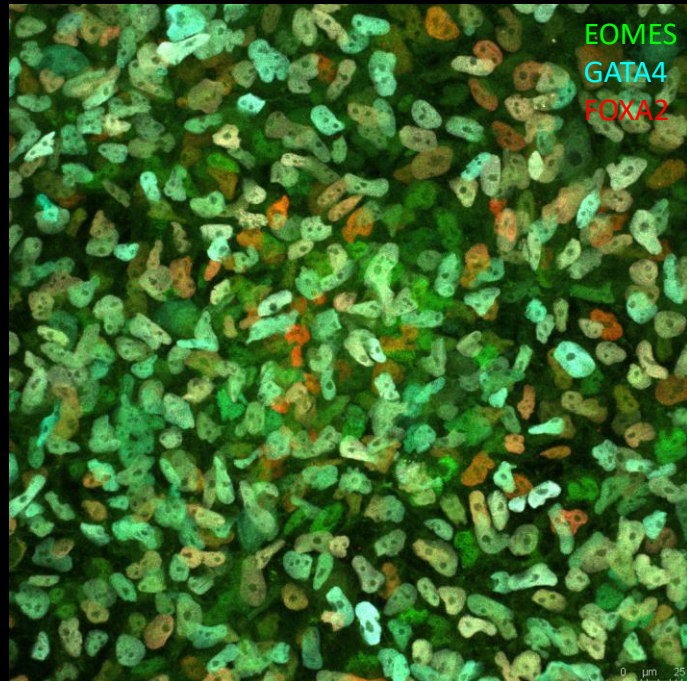
iso03LUMC0116iCRB09
Mesoderm



400x

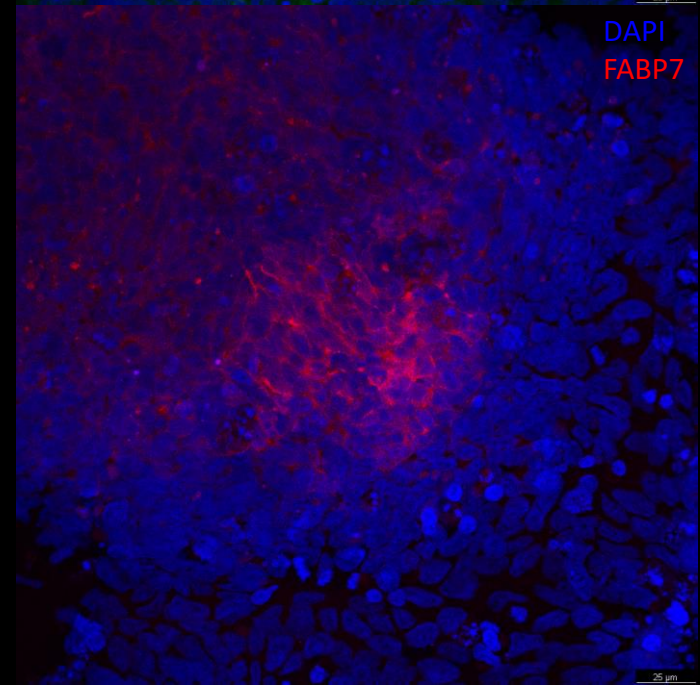
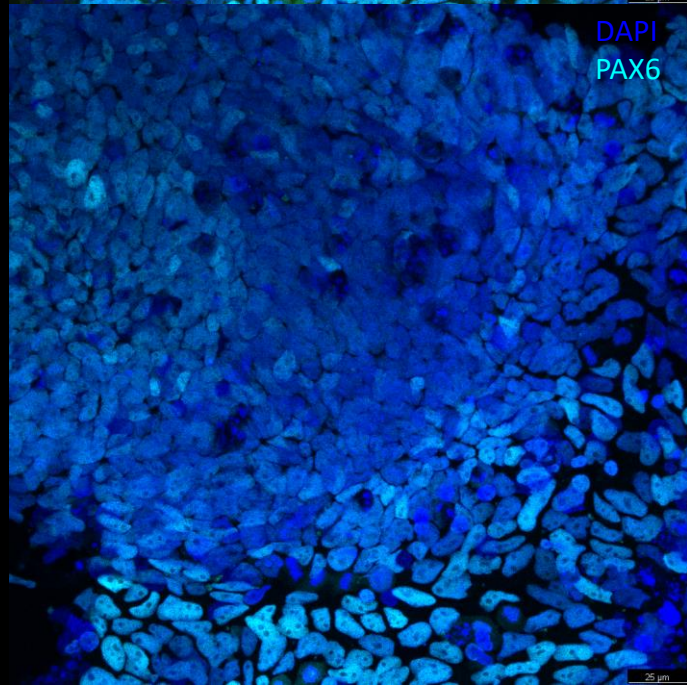
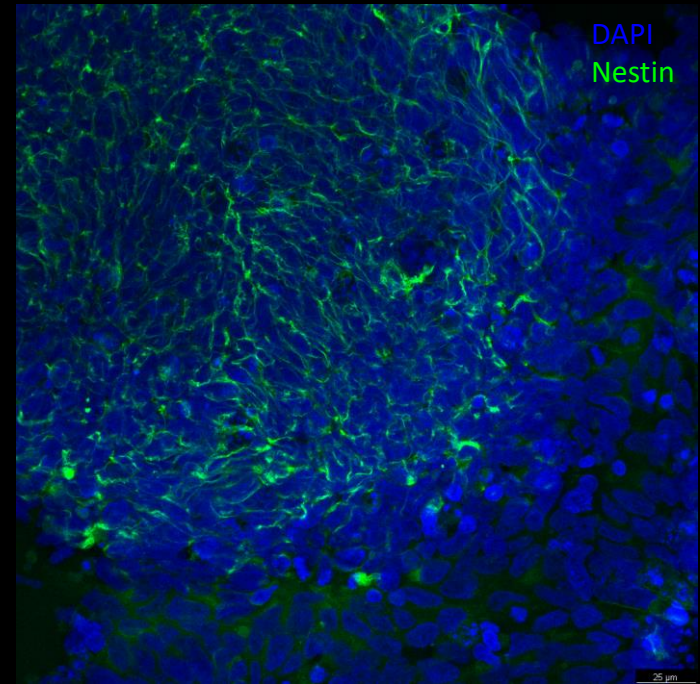
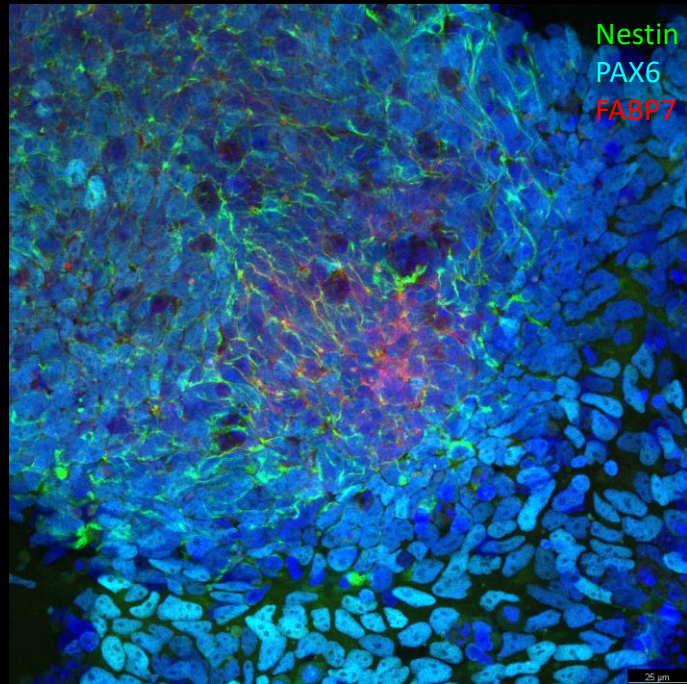


iso03LUMC0116iCRB09
Endoderm

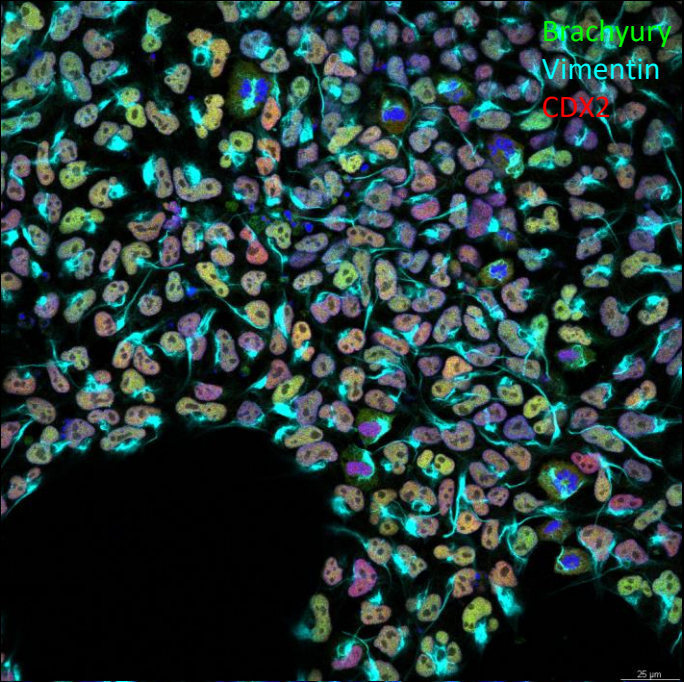


400x

Iso04LUMC0116iCRB09
Ectoderm

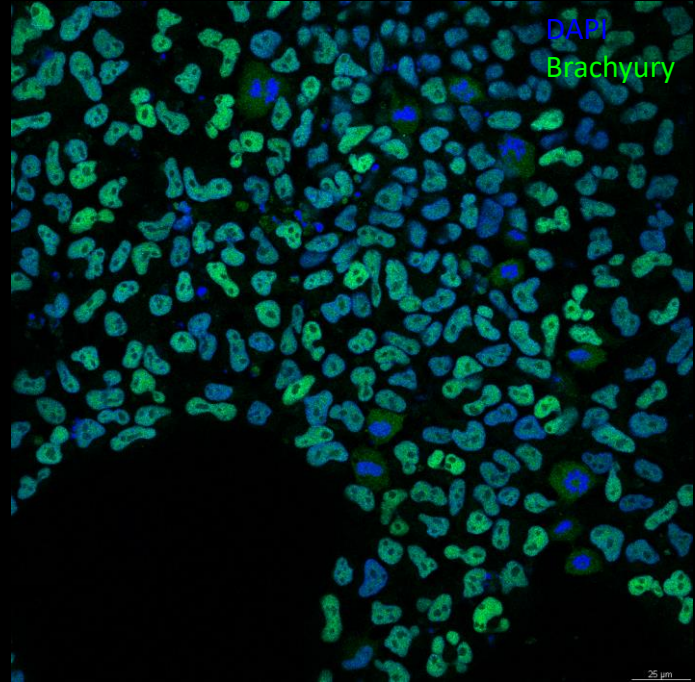


400x

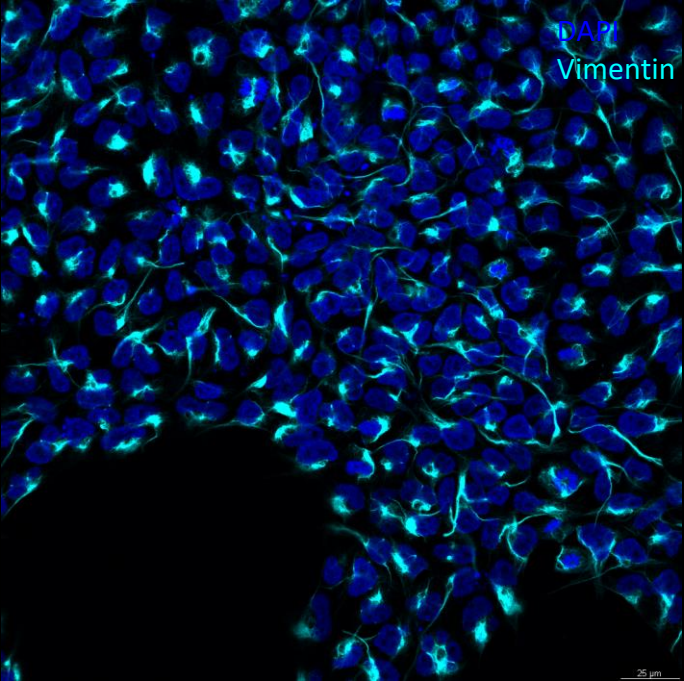


Brachyury
Vimentin
CDX2

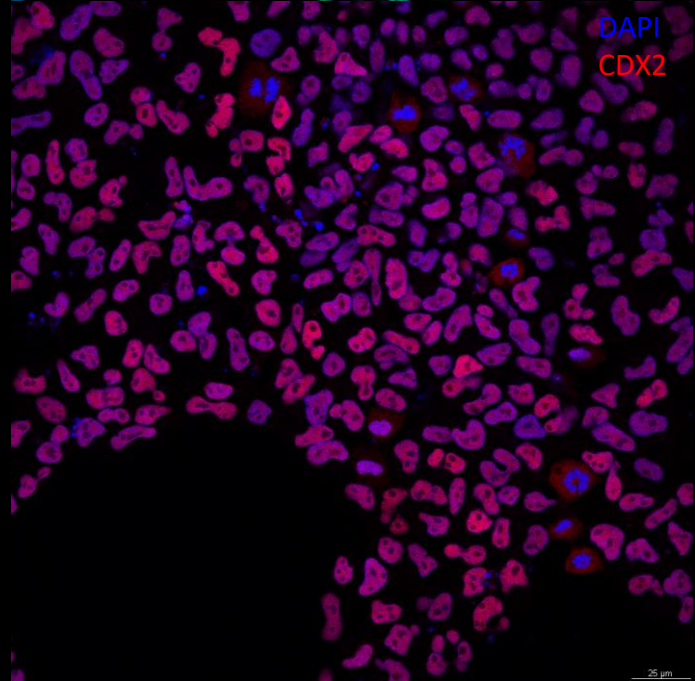
Iso04LUMC0116iCRB09
Mesoderm



DAPI
Brachyury

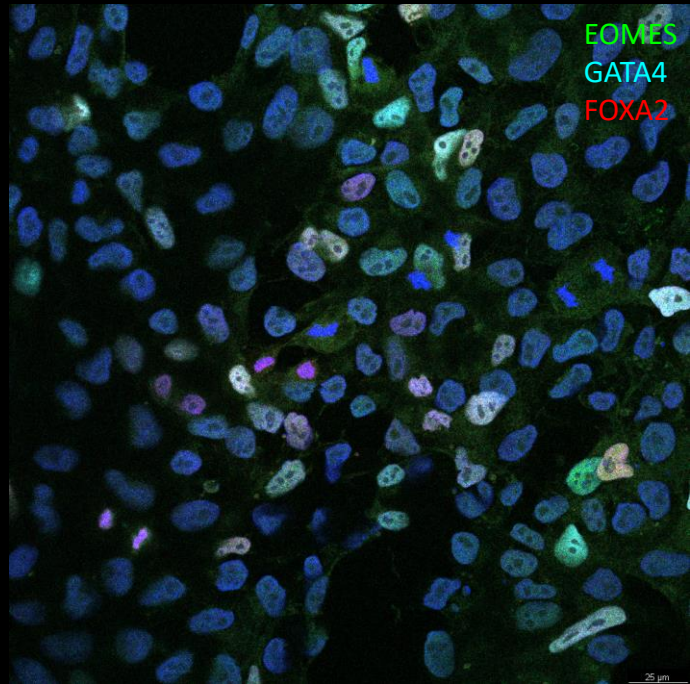


DAPI
Vimentin

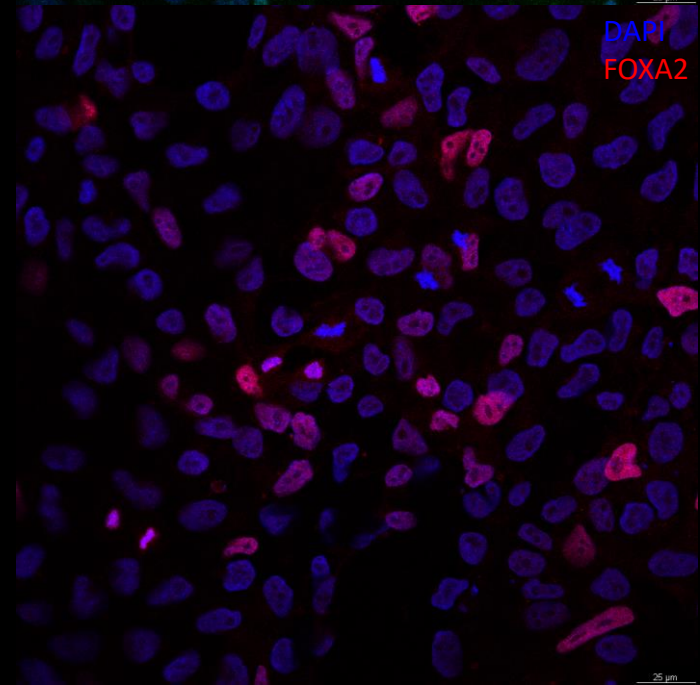
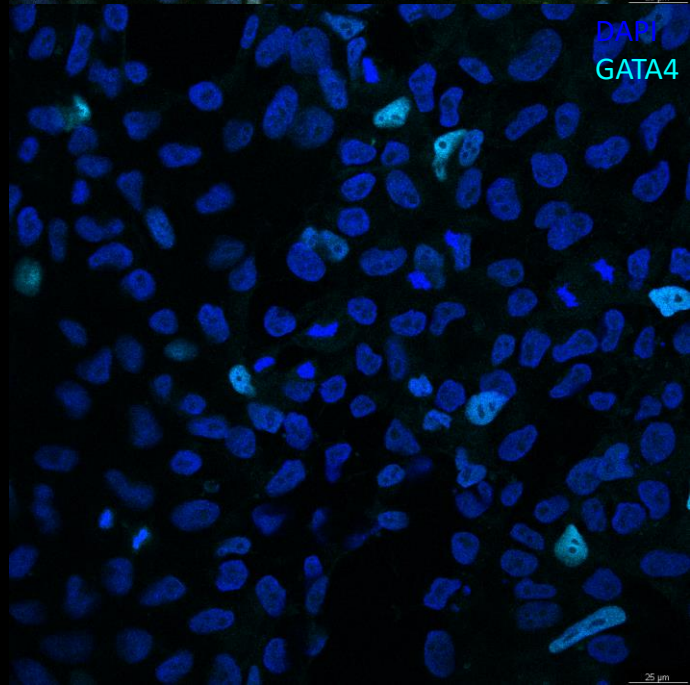
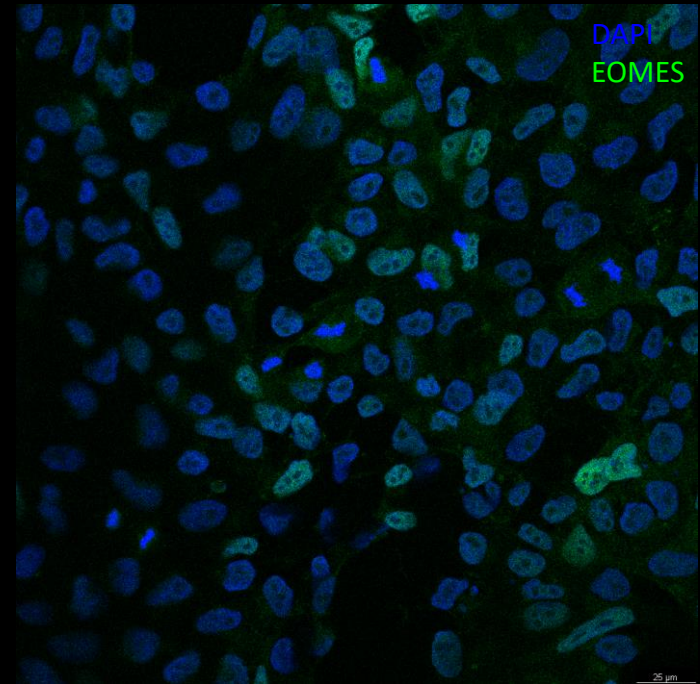


DAPI
CDX2

400x



iso04LUMC0116iCRB09
Endoderm



400x

Conclusion

Clone	Pluripotency markers (>75% OCT4/SSEA4/Nanog)	Ectoderm	Endoderm	Mesoderm
02	✓	✓	✓	✓
03	✓	✓	✓	✓
04	✓	✓	✓	✓