

## Figura 1A. Fingerprinting

### CELL AUTHENTICATION REPORT

#### CUSTOMER INFORMATION

**Name:** Damià Romero  
**Group:** Pablo Menéndez  
**Institution:** IJC  
**Billing:** FISD1600  
**Sample type:** DNA

**Sample names:** CQ4, CQ4-C14, CQ4-C34,  
HDF, HDF-C30

**Notes:**

**DNA extraction method:** Samples were extracted using the Invitrogen - PureLink Genomic DNA mini kit (Cat no. 1820-01).

#### EXPERIMENT INFORMATION

**Method:** AmpFISTRIdentifilerPlusPCR Amplification Kit (Life Technologies, cat #: 4427368, lot #: 1212014)

**Protocol:** Identifiler Plus protocol following manufacturer's instructions (protocol available upon request)

**Starting material:** 1 ng of DNA

**Amplification date:** 25- February-2014

**Amplification instrument:** Veriti 96-Well Thermal Cycler (Life Technologies)

**Performed by:** PB

**Genotyping date:** 25- February-2014

**Genotyping instrument:** ABI PRISM 3100-Avant Genetic Analyzer (Genomics Platform, IGTP)

**Polymer used:** POP7

**Analysis date:** 08-MAR-2014

**Analysis method:** GeneMapper ID v3.2

**Analyzed by:** BT and PB

#### RESULTS

**SAMPLE NAME:** CQ4

**GENOTYPES:**

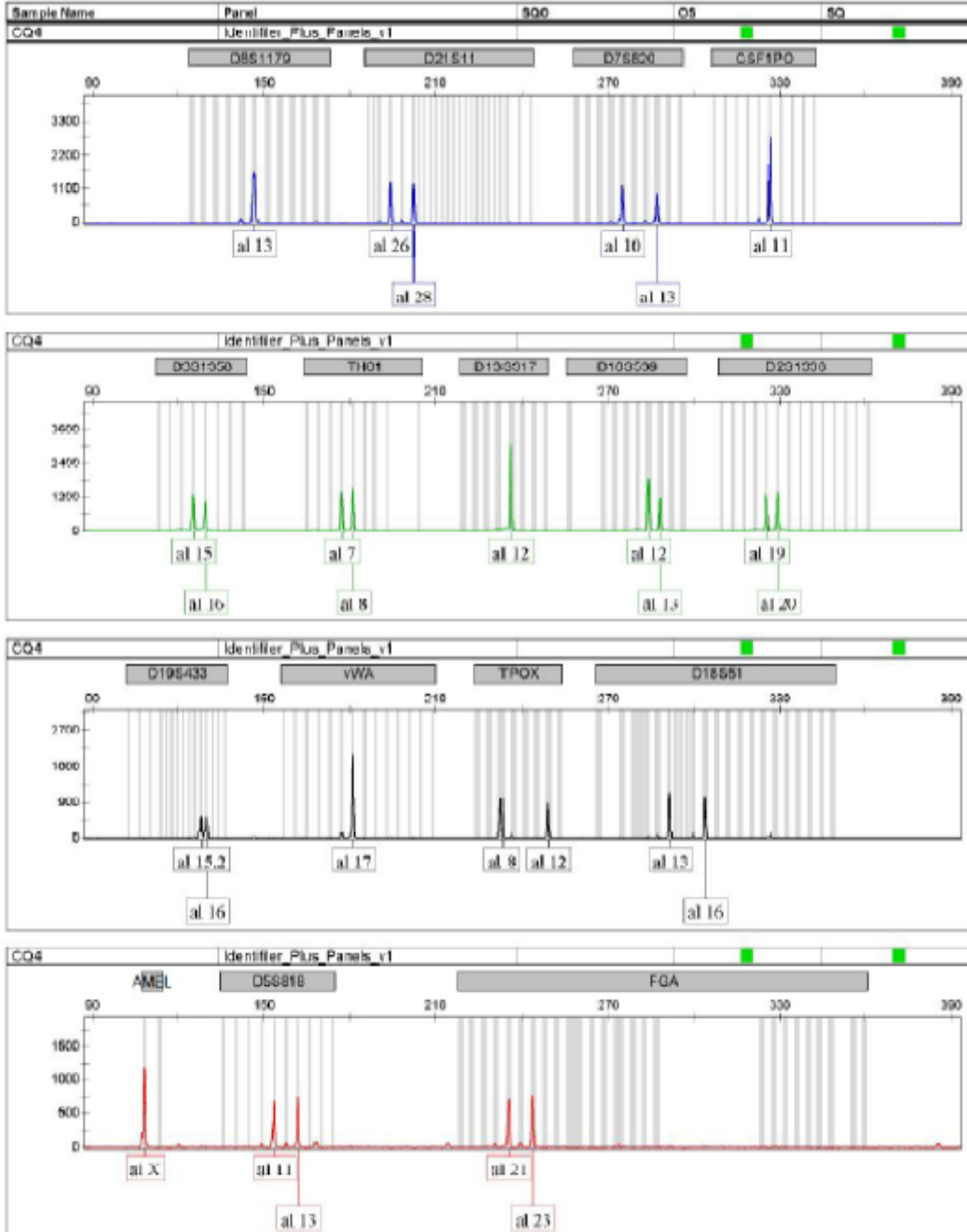
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<i>D8S1179</i>	13	
<i>D21S11</i>	26, 28	
<i>D7S820</i>	10, 13	
<i>CSF1PO</i>	11	
<i>D3S1358</i>	15, 16	
<i>TH01</i>	7, 8	
<i>D13S317</i>	12	
<i>D16S539</i>	12, 13	
<i>D2S1338</i>	19, 20	
<i>D19S433</i>	15.2, 16	
<i>vWA</i>	17	
<i>TPOX</i>	8, 12	
<i>D18S51</i>	13, 16	
<i>AMEL</i>	X	
<i>D5S818</i>	11, 13	
<i>FGA</i>	21, 23	

Please find below the electropherograms of the microsatellite markers.

#### COMMENTS

Nothing additional to report.

**ELECTROPHEROGRAMS**



  
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CELL AUTHENTICATION REPORT

**CUSTOMER INFORMATION**

**Name:** Damià Romero  
**Group:** Pablo Menéndez  
**Institution:** IJC  
**Billing:** FIS01600  
**Sample type:** DNA

**Sample names:** CQ4, CQ4-C14, CQ4-C34,  
HDF, HDF-C30

**Notes:**

**DNA extraction method:** Samples were extracted using the Invitrogen - PureLink Genomic DNA mini kit (Cat no. 1820-01).

**EXPERIMENT INFORMATION**

**Method:** AmpFISTRIdentifilerPlusPCR Amplification Kit (Life Technologies, cat #: 4427368, lot #: 1212014)  
**Protocol:** Identifiler Plus protocol following manufacturer's instructions (protocol available upon request)  
**Starting material:** 1 ng of DNA  
**Amplification date:** 25- February-2014  
**Amplification instrument:** Veriti 96-Well Thermal Cycler (Life Technologies)  
**Performed by:** PB  
**Genotyping date:** 25- February-2014  
**Genotyping instrument:** ABI PRISM 3100-Avant Genetic Analyzer (Genomics Platform, IGTP)  
**Polymer used:** POP7  
**Analysis date:** 06-MAR-2014  
**Analysis method:** GeneMapper ID v3.2  
**Analyzed by:** BT and PB

**RESULTS**

**SAMPLE NAME:** CQ4-C34  
**GENOTYPES:**

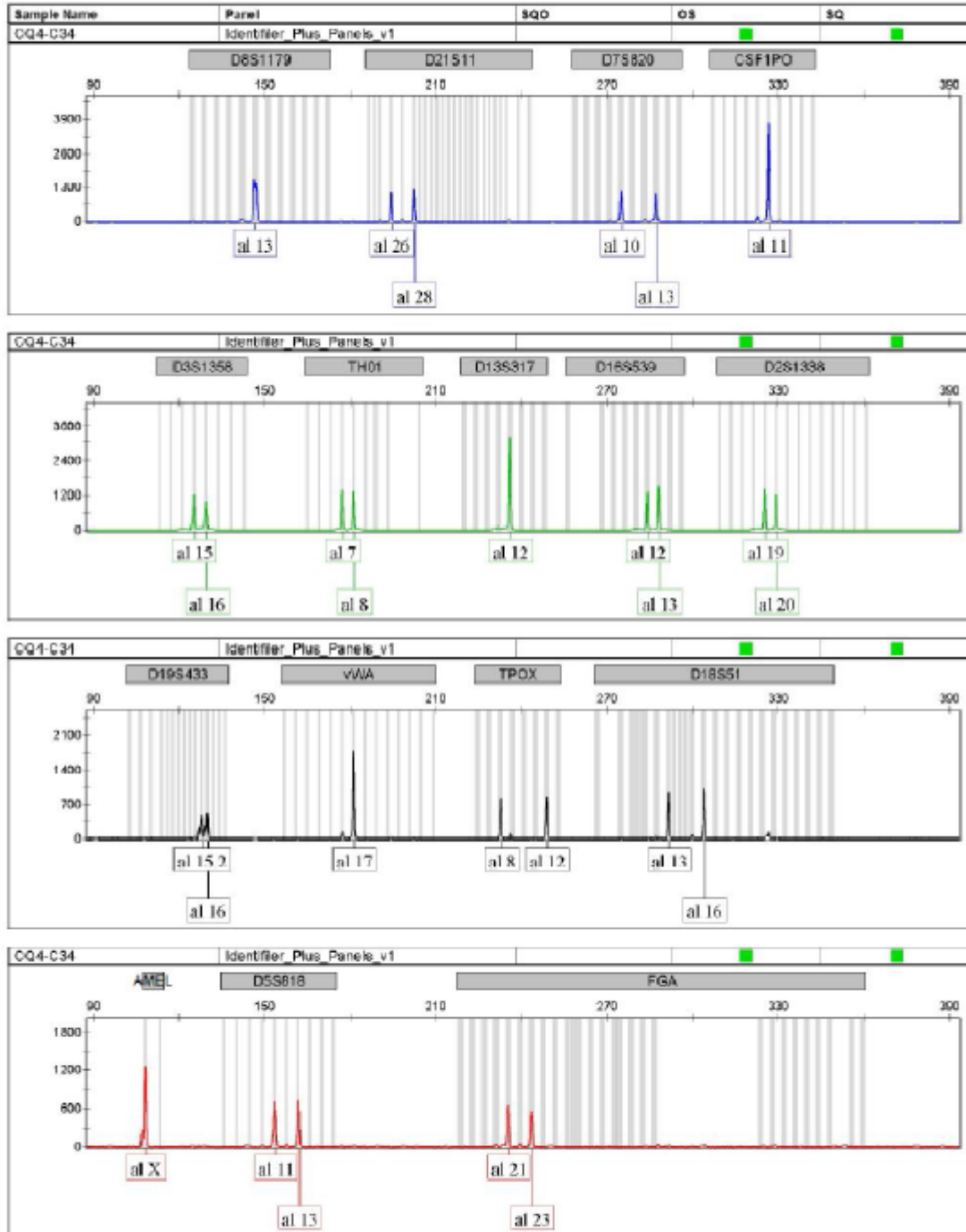
Marker	Alleles	Comments
D8S1179	13	
D21S11	26, 28	
D7S820	10, 13	
CSF1PO	11	
D3S1358	15, 16	
TH01	7, 8	
D13S317	12	
D16S539	12, 13	
D2S1338	19, 20	
D19S433	15.2, 16	
vWA	17	
TPOX	8, 12	
D18S51	13, 16	
AMEL	X	
D5S818	11, 13	
FGA	21, 23	

Please find below the electropherograms of the microsatellite markers.

**COMMENTS**

Nothing additional to report.

**ELECTROPHEROGRAMS**

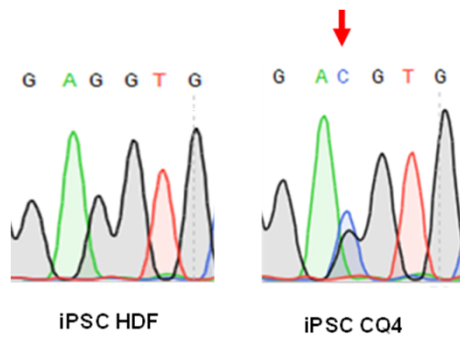
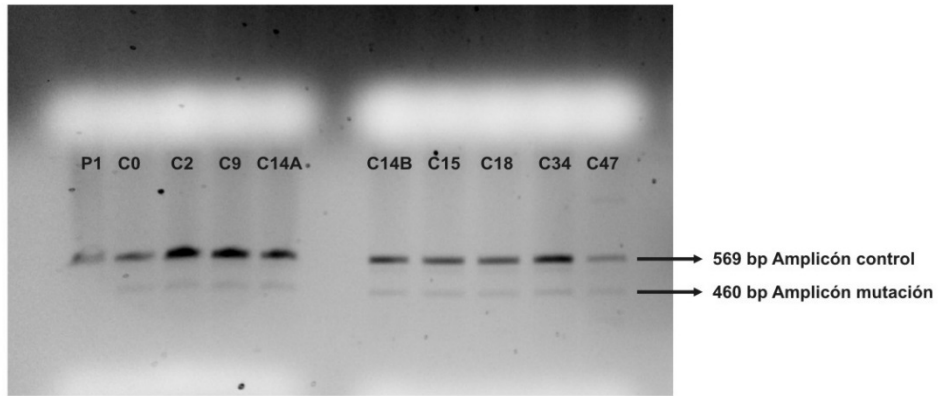


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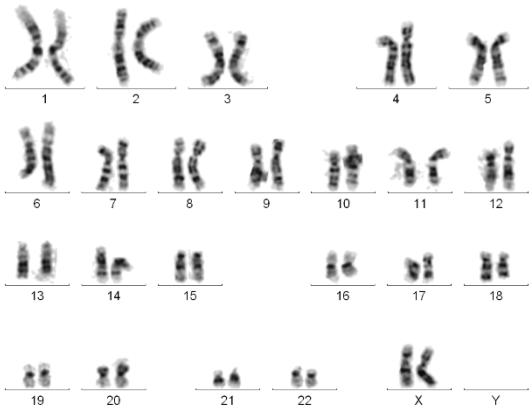
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# y secuenciación

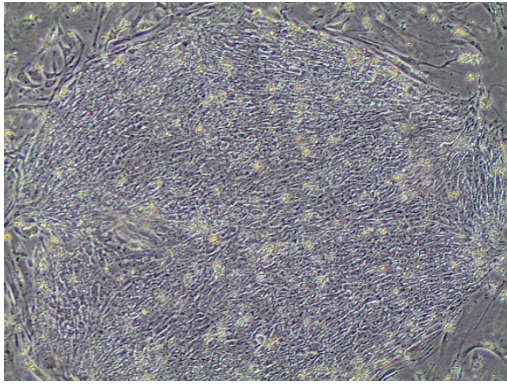
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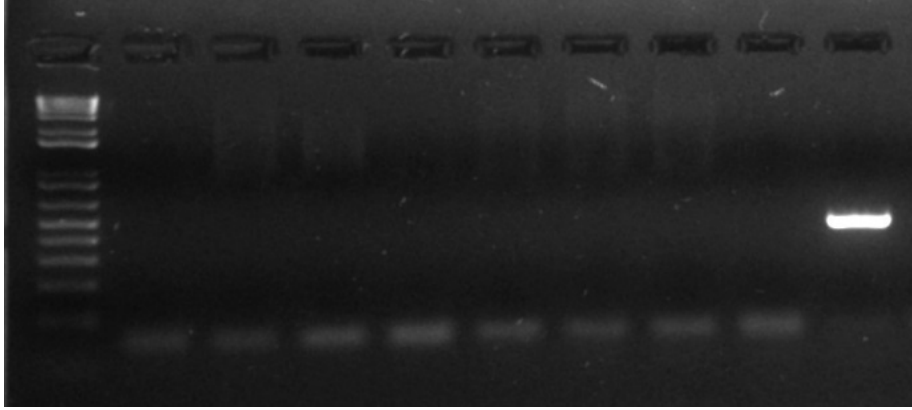
iPSC CQ4 C34



**iPSC CQ4 C34**

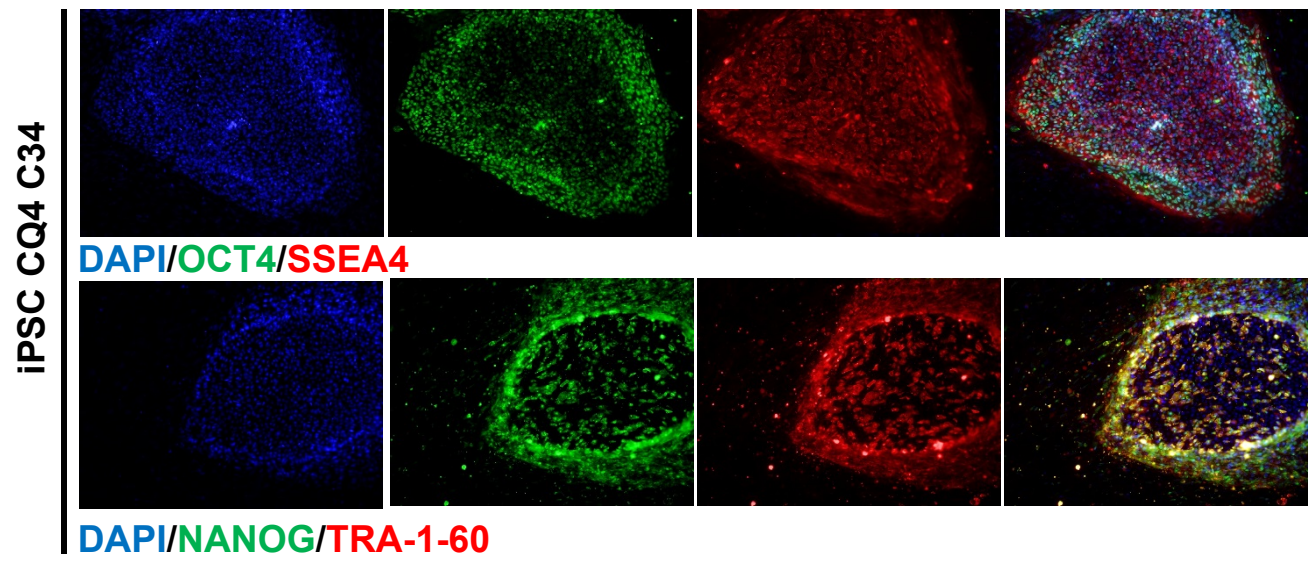
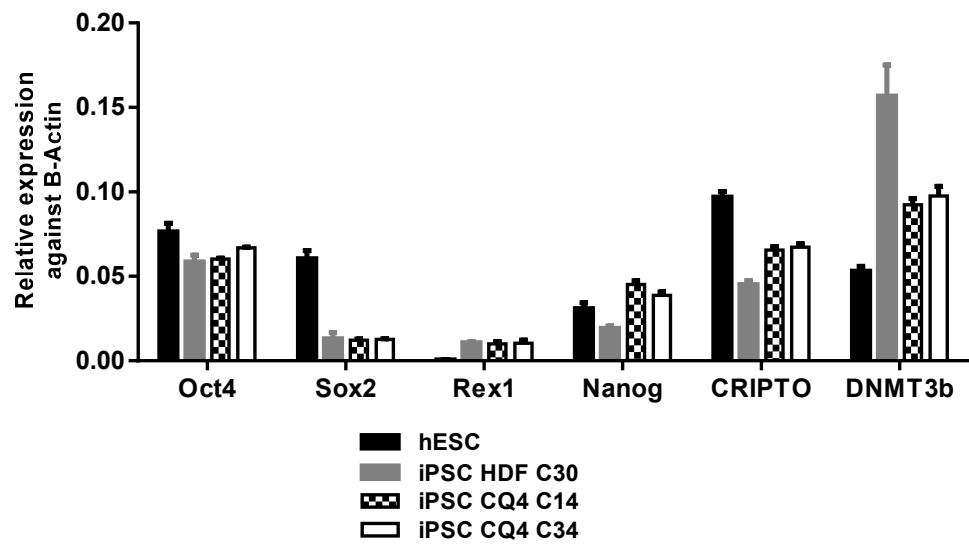


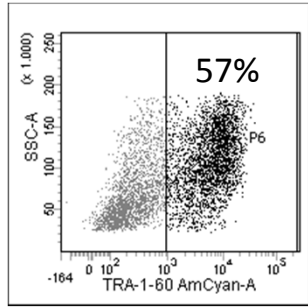
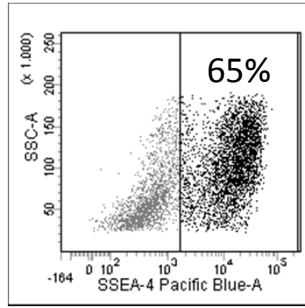
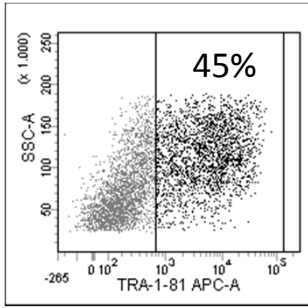
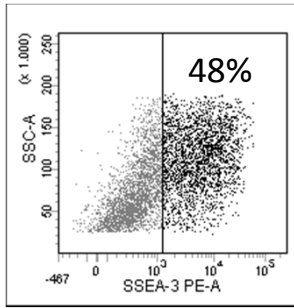
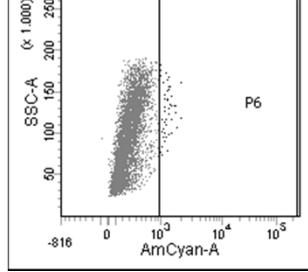
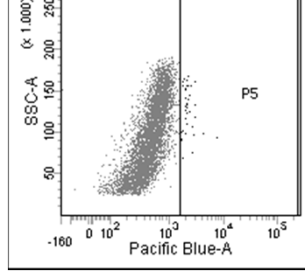
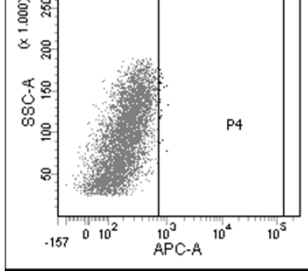
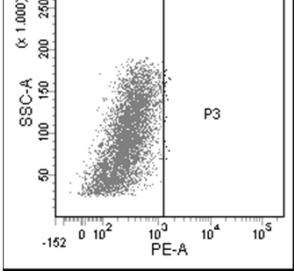
iPSC HDF C30  
iPSC CQ4 C14  
iPSC CQ4 C34  
Control N  
Control P





para marcadores de pluripotencia



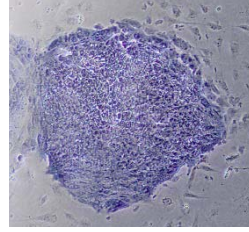
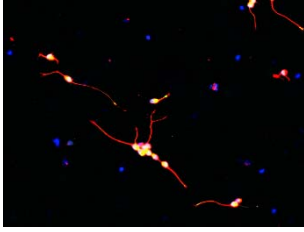


## Ectodermo

## Endodermo

DAPI/NESTIN/TUJ1

iPSC CQ4 C34



Ectodermo

Mesodermo

Endodermo

iPSC CQ4 C34

