Stem Cell Technology Center Certificate of analysis

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Stem cell
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Invoice number: SCTC25-000022

Investigator name: Elisa Landi

Project name:

Cell line ID: IPS21-00022 clone 2

Table 1: Information on the reprogrammed cell line

Product description	Pluripotency assesment in iPSCs
Original cell line	IPS21-00022
Number of clones Passage (P) of iPSCs reported at assesment	1 (clone 2) 8
Culture medium Culture coating Passage method	Essential 8 Flex medium Matrigel EDTA

Table 2: Information on the characterization of the reprogrammed cell line

Test	Assay	Results
Sterility	Mycoplasma	Not detected
Phenotype	Visual assessment of morphology	Typical iPSC colonies
Differentiation potential	Directed differentiation and immunocytochemistry for trilineage markers	Positive signal

Differentiation potential

The line was differentiated into the endodermal, mesodermal and ectodermal germ layers. The differentiated cells were stained for lineage-specific markers.

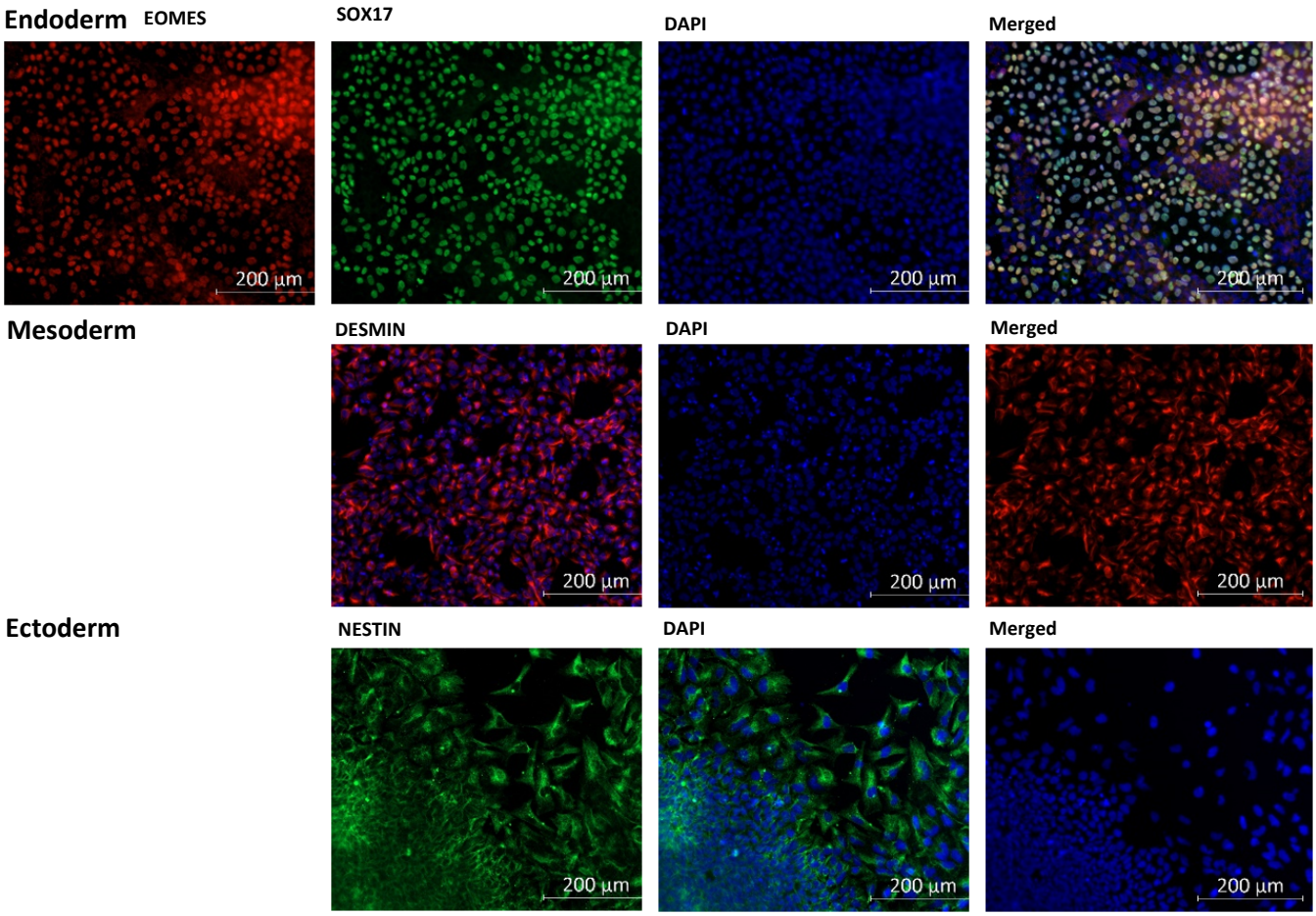

Figure 3: Immunocytochemistry of differentiated cells showing a positive signal for germlayer-specific markers.

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