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CENTRO DE INVESTIGACIÓN MÉDICA APLICADA
UNIVERSIDAD DE NAVARRA

Annexes iPS line: G15.AO

Annex 1: Morphology and AP staining.

Annex 2: FACS analysis.

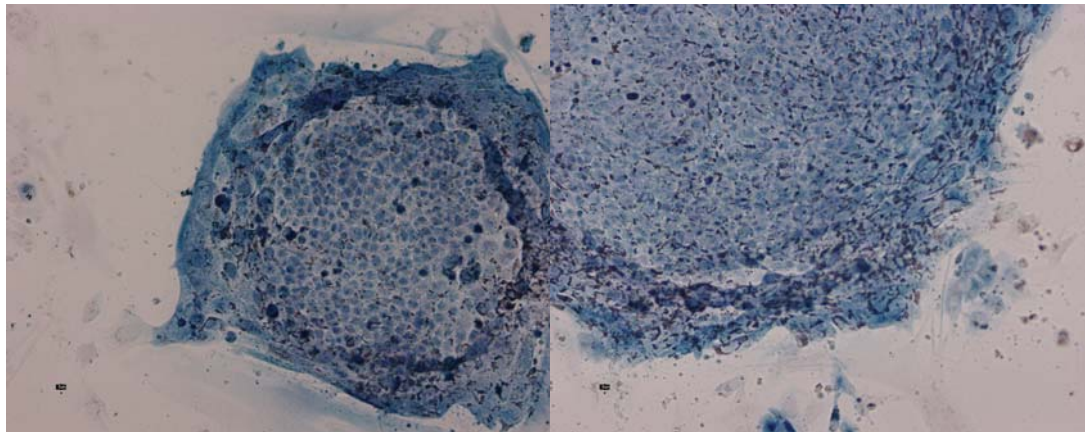
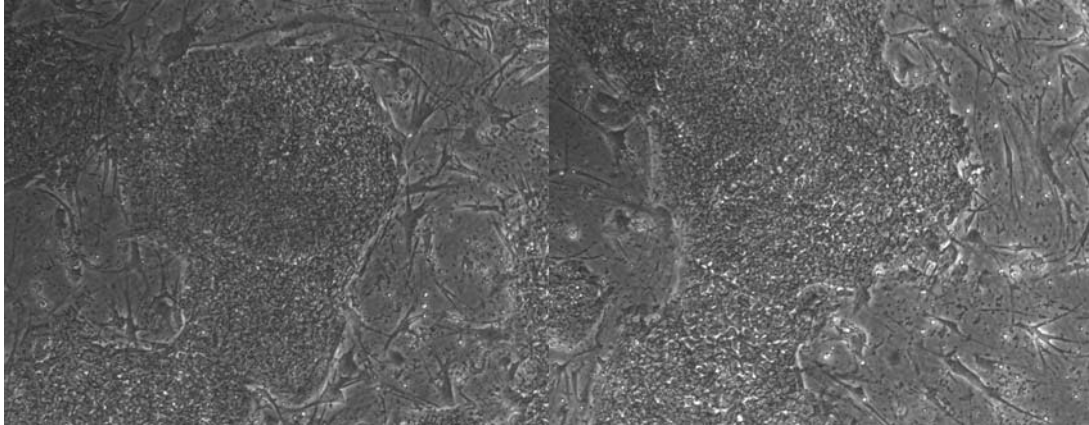
Annex 3: Immunofluorescence analysis.

Annex 4: Exogenous transcription factor silencing.

Annex 5: CGH analysis.

Annex 6: Teratoma.

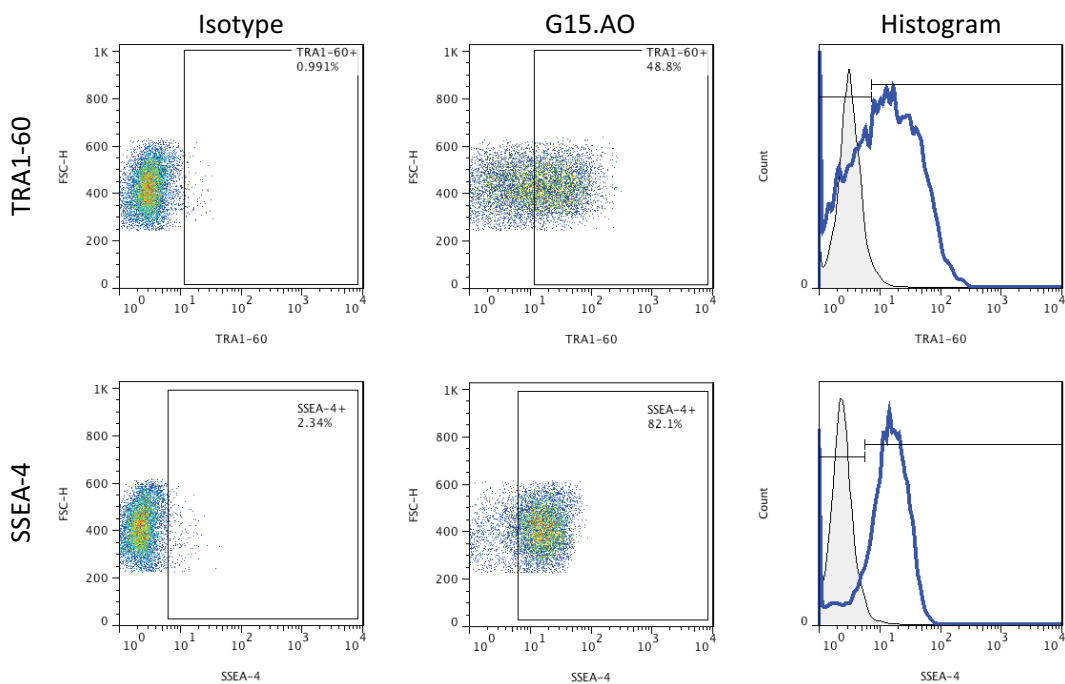
Annex 1 Morphology and Alkaline phosphatase staining



Passage 15. iPS G15.AO

Annex 2

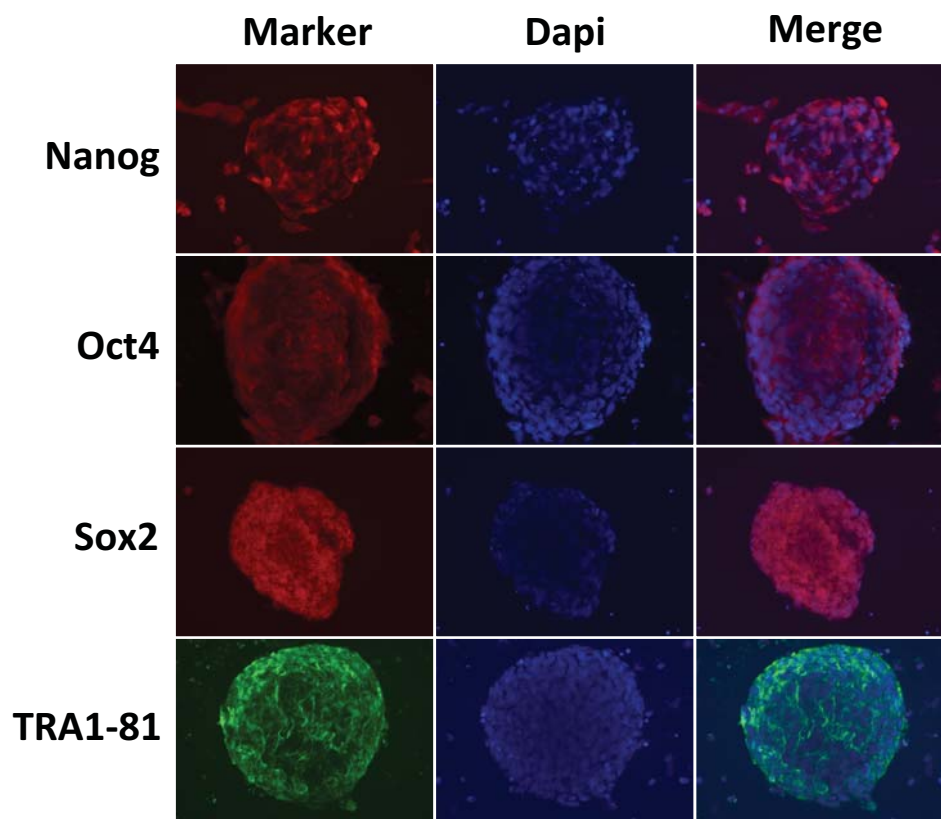
Expression of pluripotency markers by FACS



Immunofluorescence of pluripotency associated markers TRA1-60 and SSEA-4 in G15.AO iPS at passage 17.

Annex 3

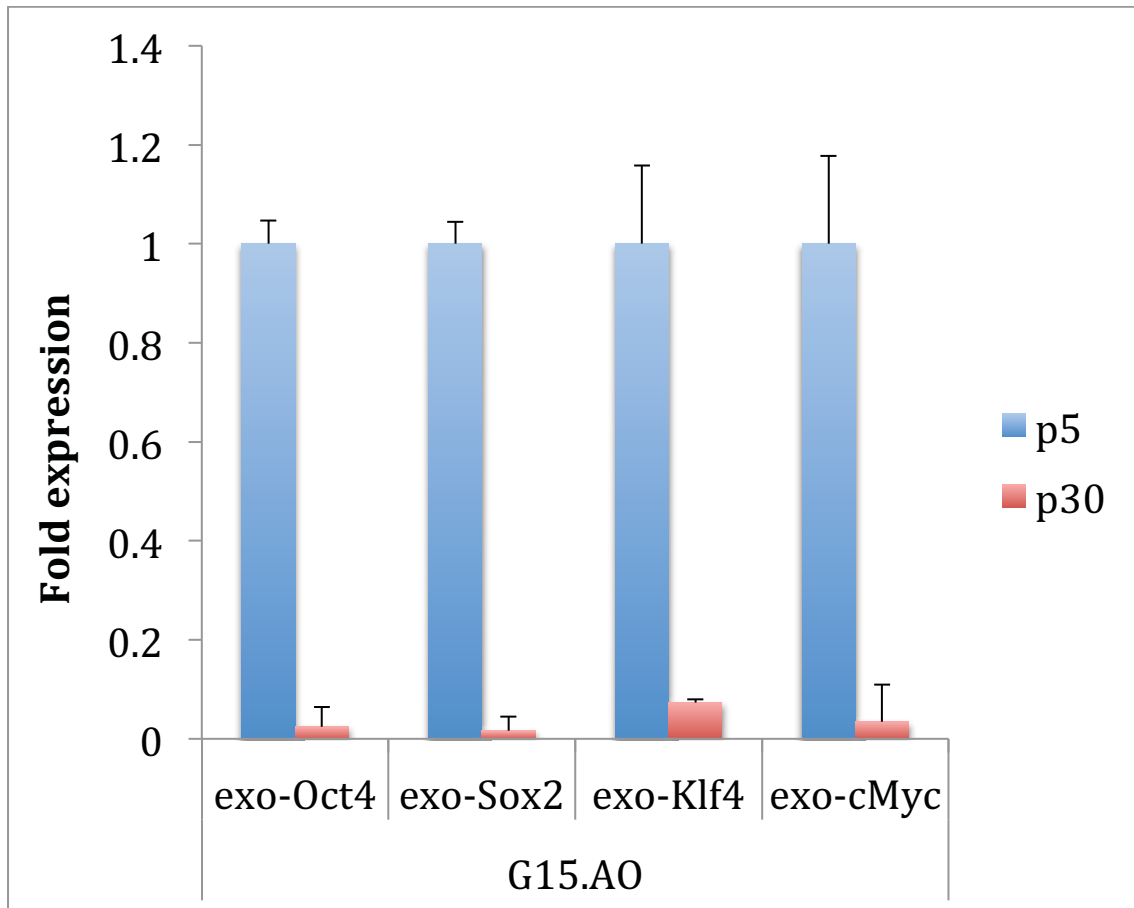
Expression of pluripotency markers by IF



Immunofluorescence of pluripotency associated markers Nanog, Oct4, Sox2 and TRA1-81 in G15.AO iPS at passage 17.

Annex 4

Silencing of exogenous factors



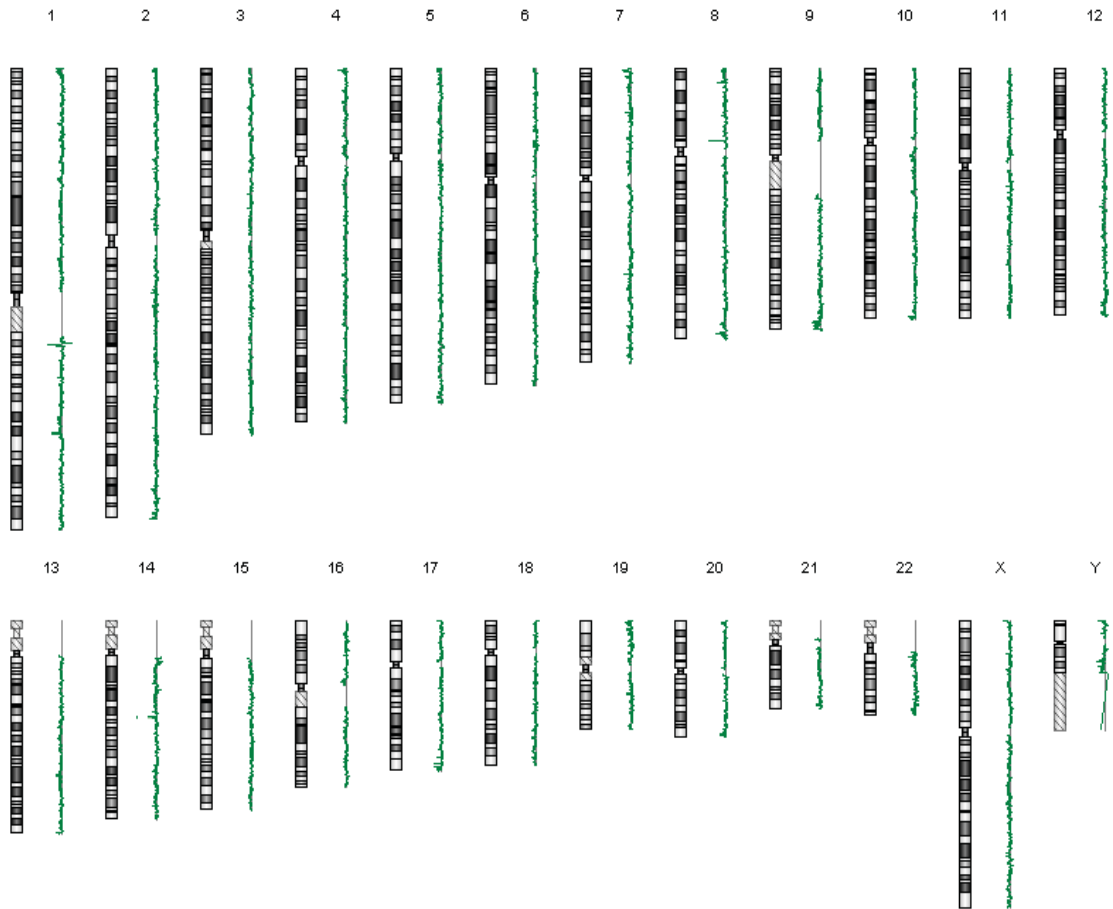
Passage 5 and 30. iPS G15.AO



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Annex 5 CGH analysis



Passage 25. iPS G15.AO

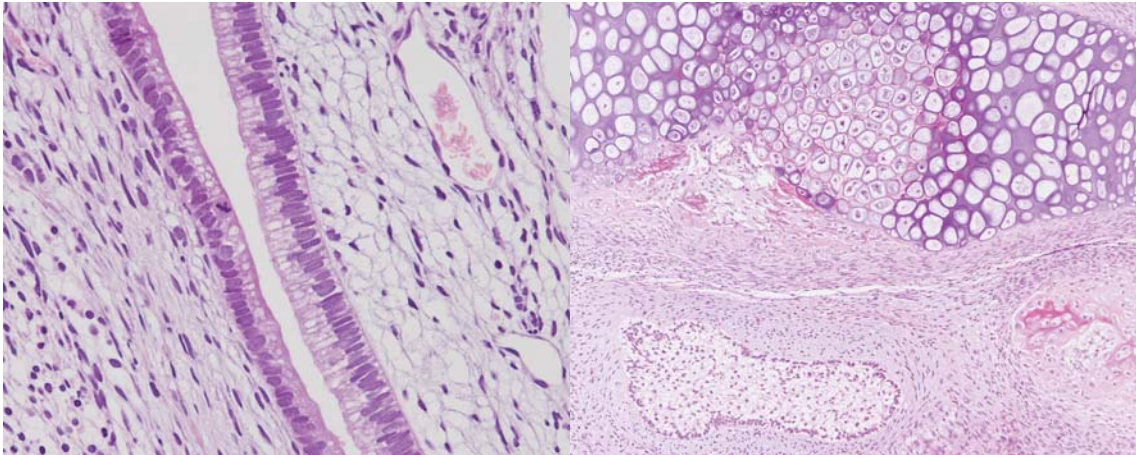


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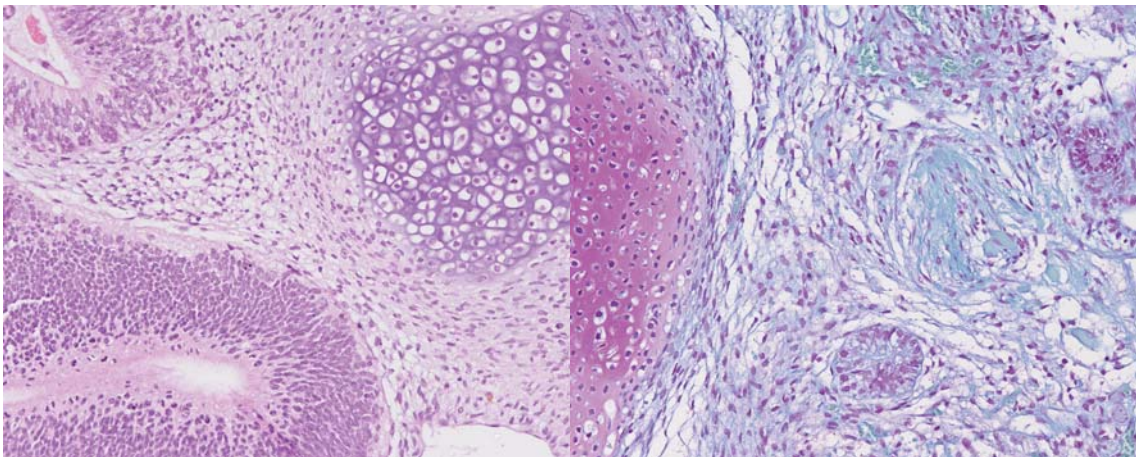
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Annex 6

In vivo differentiation. Teratoma formation



Izquierda: Tejido epitelial pseudoestratificado semejante al de la traquea. HE. 400x.
Derecha: Tejido cartilaginoso y formaciones epiteliales indiferenciadas. HE. 100x.



Izquierda: Combinación de tejidos glandulares, conjuntivo laxo y cartilaginoso. H. E. X 200.
Derecha: Pieza cartilaginosa con un acino epitelial y pequeñas formaciones de músculo estriado entre el tejido conjuntivo. T. de Gallego. X 200.

Passage 21. iPS G15.AO