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CENTRO DE INVESTIGACIÓN MÉDICA APLICADA
UNIVERSIDAD DE NAVARRA

Annexes iPS line: G15.D

Annex 1: Morphology and AP staining.

Annex 2: FACS analysis.

Annex 3: Immunofluorescence analysis.

Annex 4: Exogenous transcription factor silencing.

Annex 5: CGH analysis.

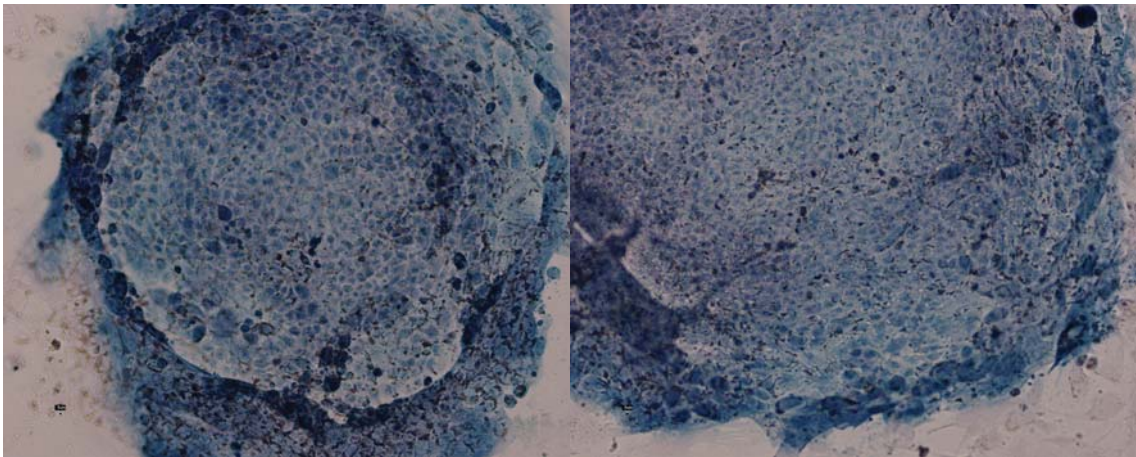
Annex 6: Teratoma.



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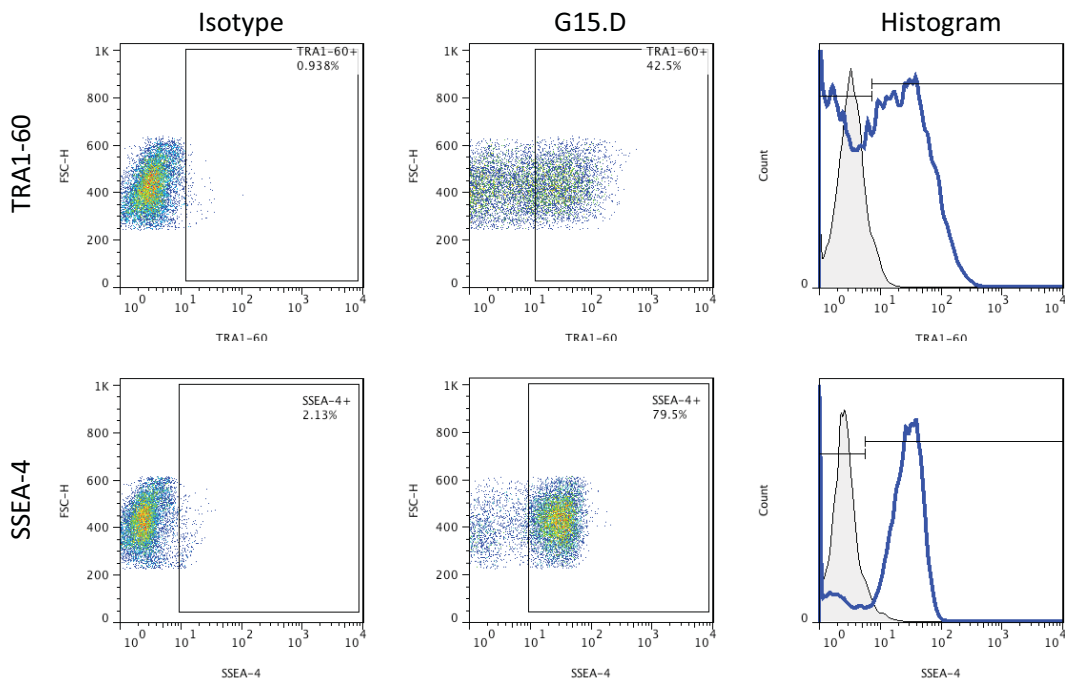
Annex 1 Morphology and alkaline phosphatase staining



Passage 17. iPS G15.D

Annex 2

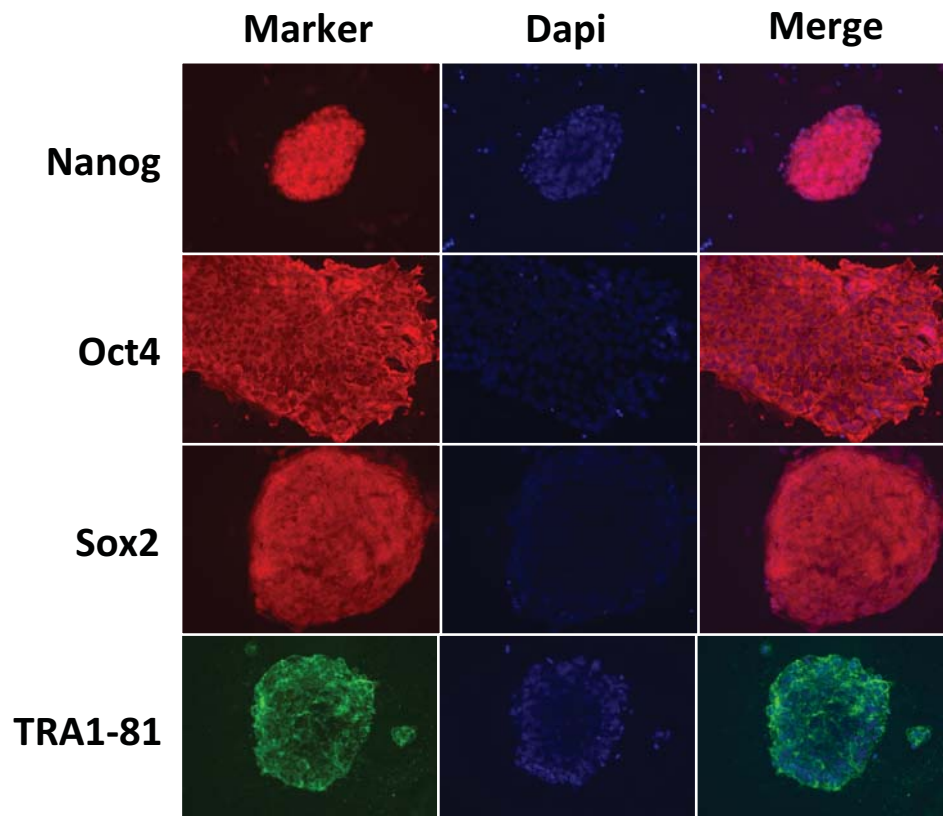
Expression of pluripotency markers by FACS



Immunofluorescence of pluripotency associated markers TRA1-60 and SSEA-4 in G15.D iPS at passage 19.

Annex 3

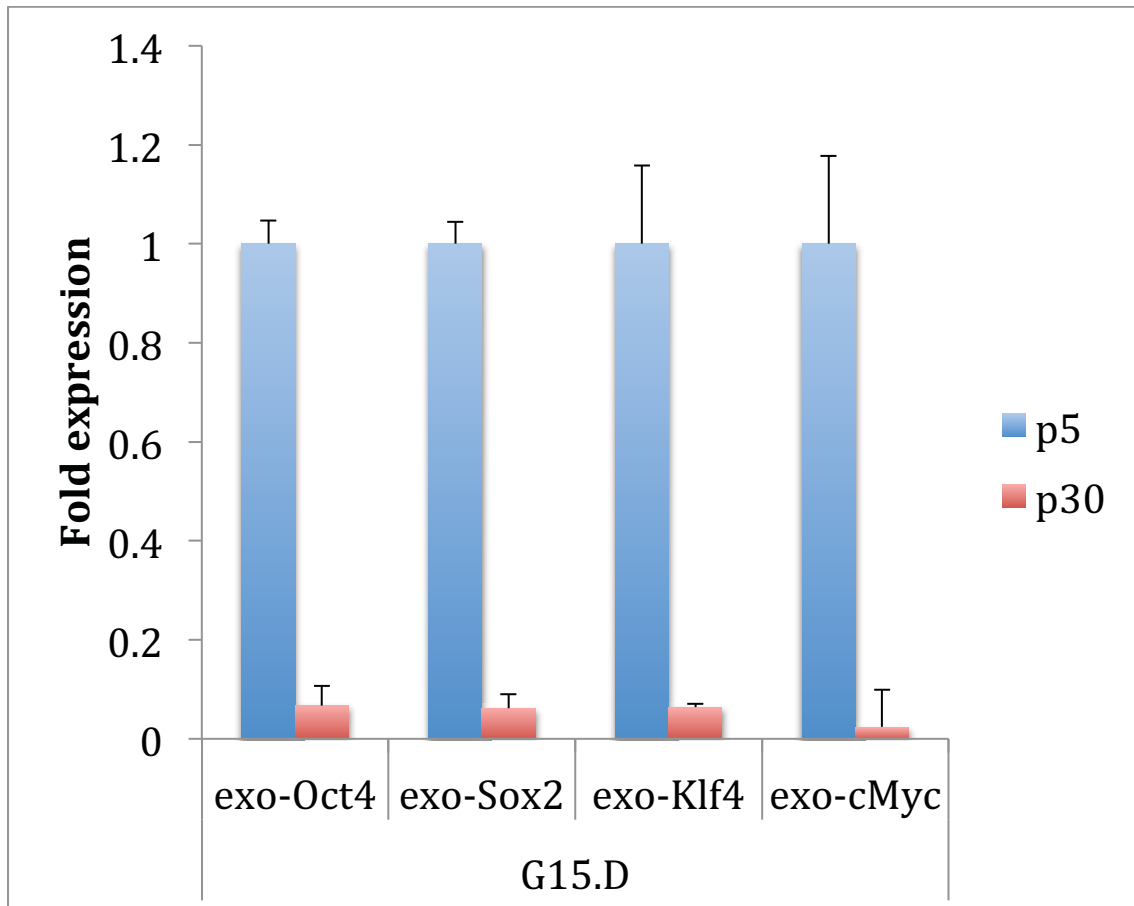
Expression of pluripotency markers by IF



Immunofluorescence of pluripotency associated markers Nanog, Oct4, Sox2 and TRA1-81 in G15.D iPS at passage 19.

Annex 4

Silencing of exogenous factors



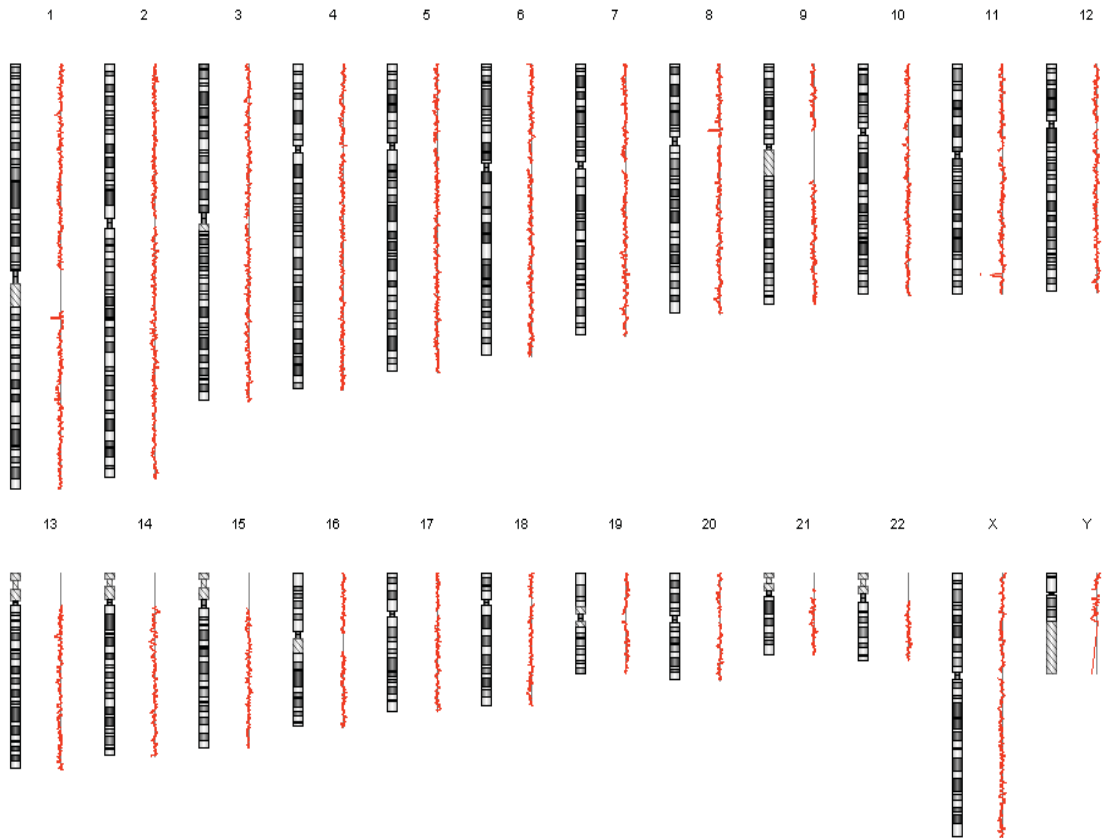
Passage 5 and 30. iPS G15.AD



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Annex 5 CGH analysis



Passage 26. iPS G15.D

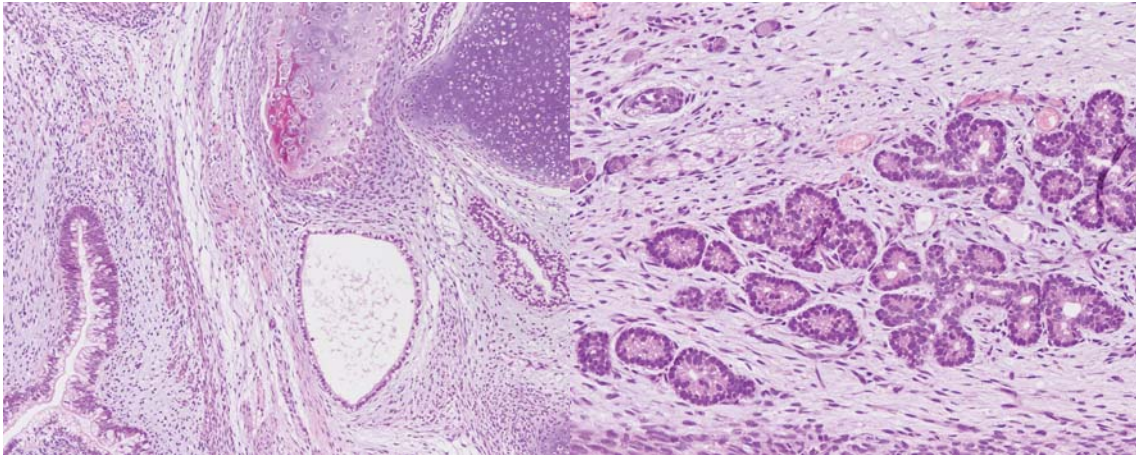


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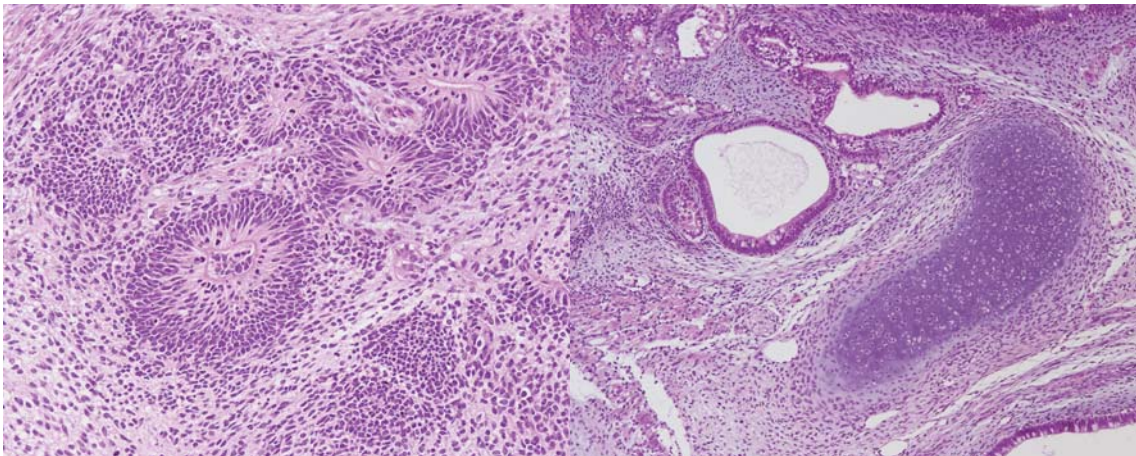
Annex 6

In vivo differentiation. Teratoma formation



Izquierda: Combinación de epitelios tejido conjuntivo, óseo y cartilaginoso. H. E. X 100.

Derecha: Grupo de acinis glandulares de tipo seroso. H. E. X 200.



Izquierda: Formaciones de rosetas neurales. H. E. x 200.

Derecha: Componente mixto con estructuras epiteliales, tejido conjuntivo y cartílago. H. E. X 100.

Passage 23. iPS G15.D