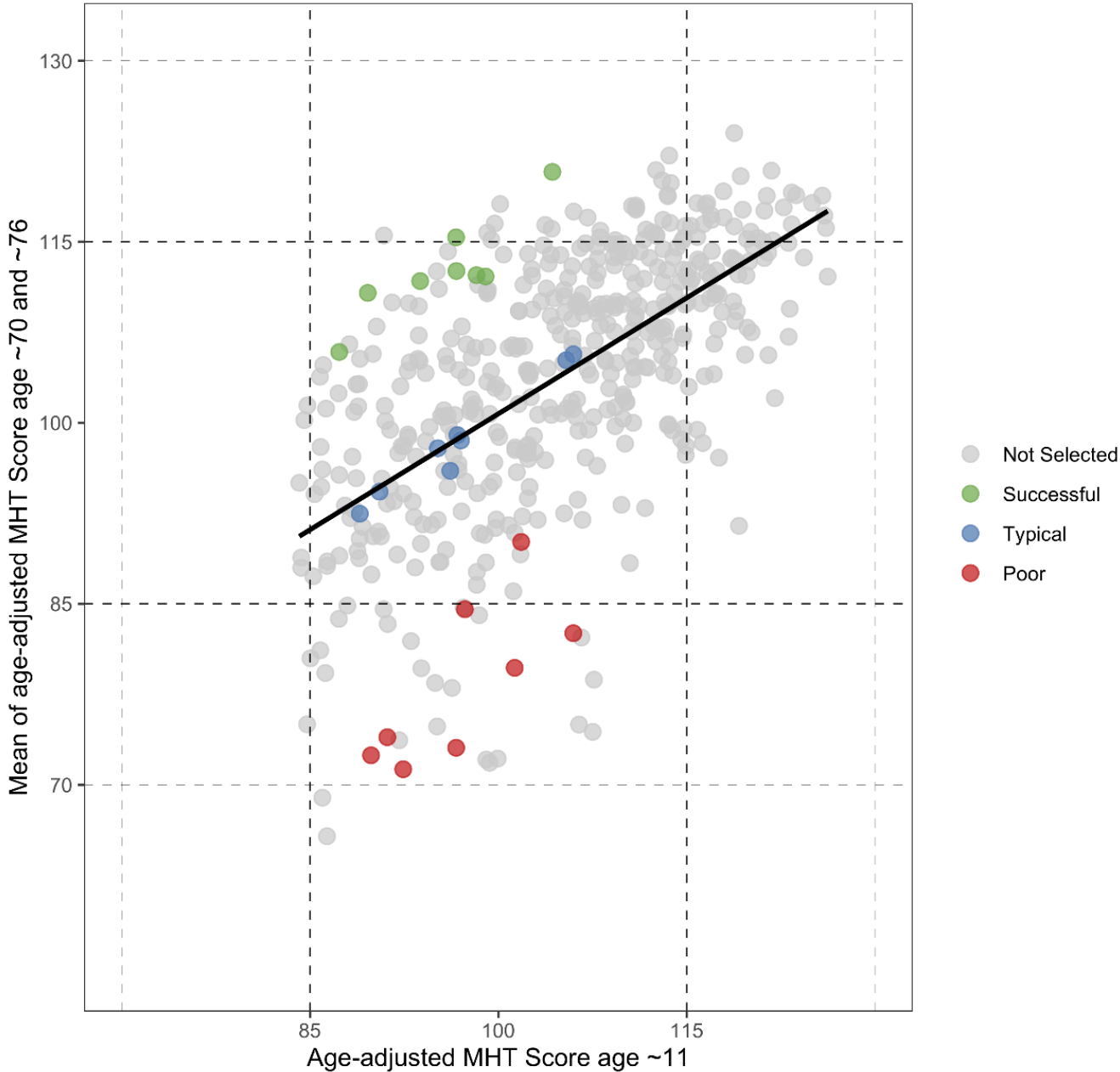


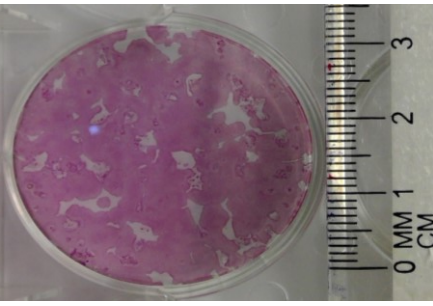
Selection of iPSC line donors based on cognitive ageing



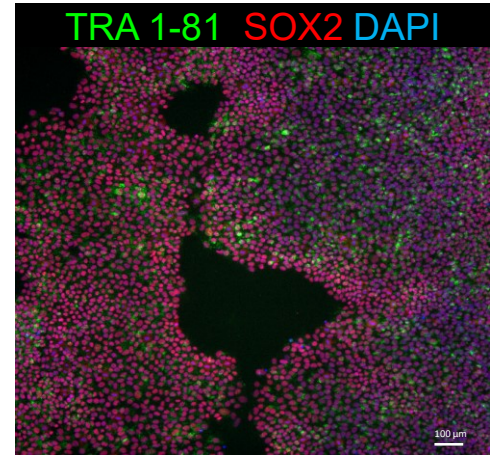
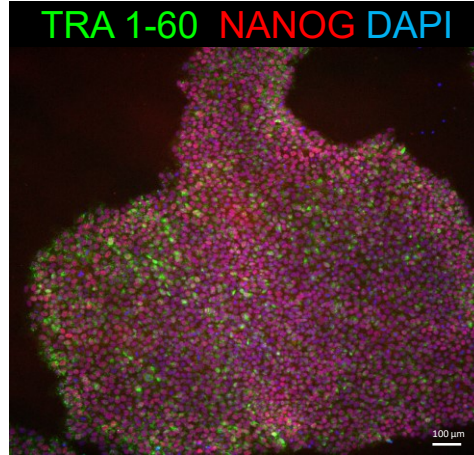
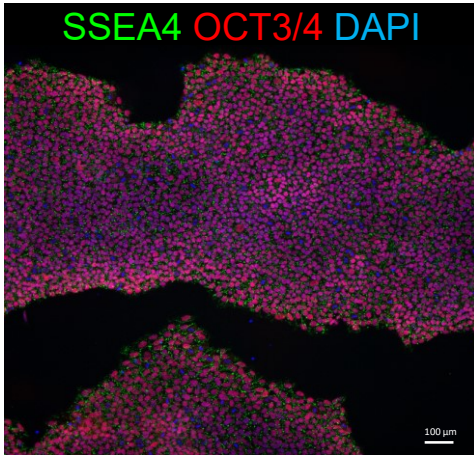
sFig1: Selection of iPSC candidates based on cognitive ageing profiles in the Lothian Birth Cohort 1936. Dashed lines are added to show ± 1 SD from the mean for the age 11 Moray House Test (MHT) score and ± 1 and 2SDs from the mean for later-life MHT score.

sFig2. Characterization for iPSC line EDi022-A

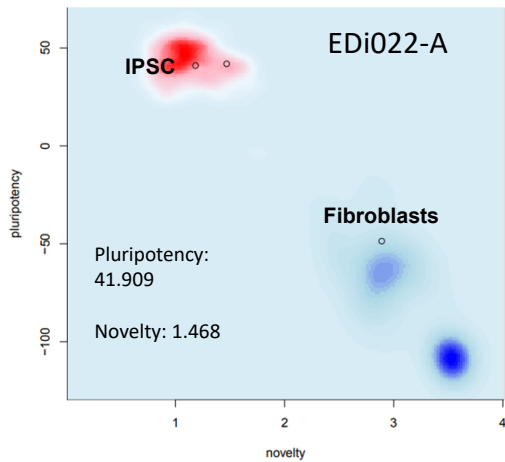
A. AP



B. Immunocytochemistry



C. PluriTest



D. G-Band karyotype

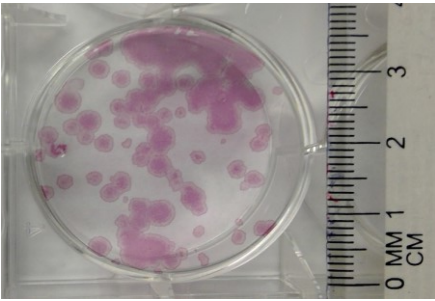


E. hPSC Scorecard

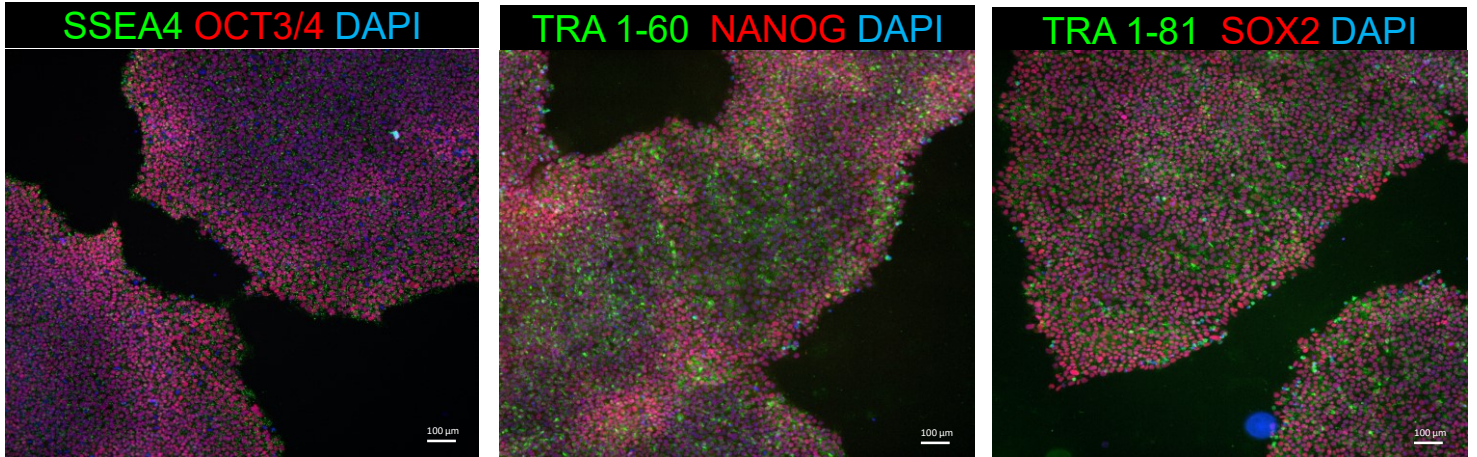
iPSCs				Embryoid bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	○	-
0.29	-0.10	0.62	-0.53	-3.06	1.41	0.76	-0.32

sFig3: Characterization for iPSC line EDi023-A

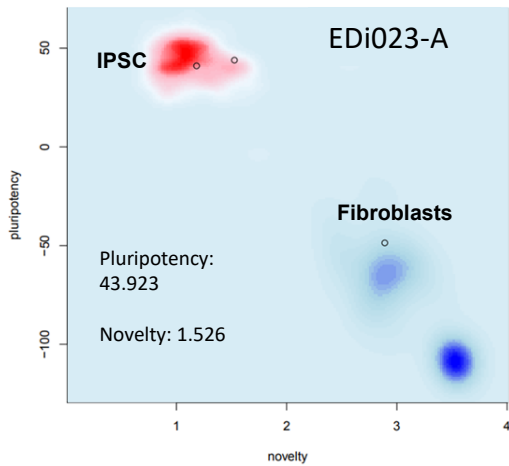
A. AP



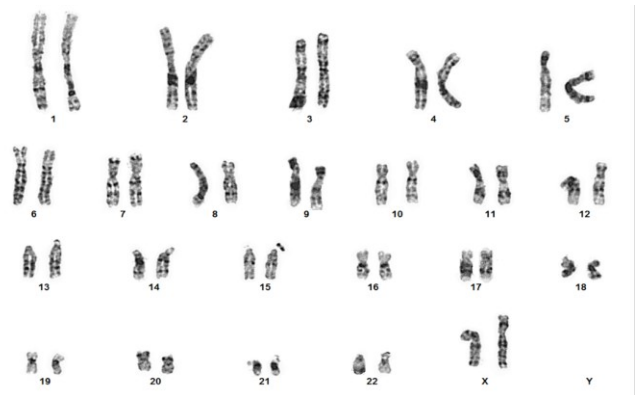
B. Immunocytochemistry



C. PluriTest



D. G-Band karyotype

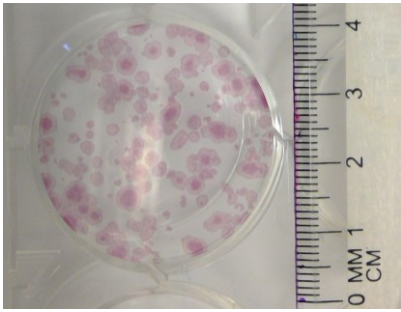


E. hPSC Scorecard

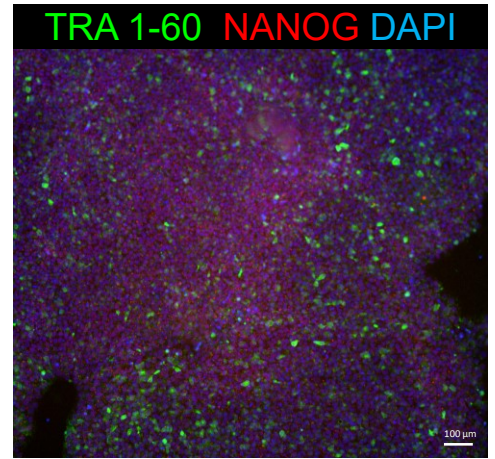
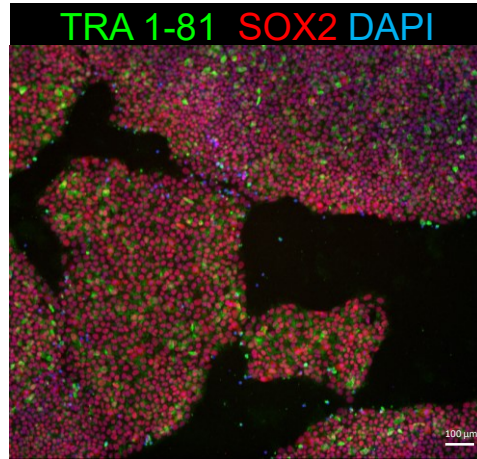
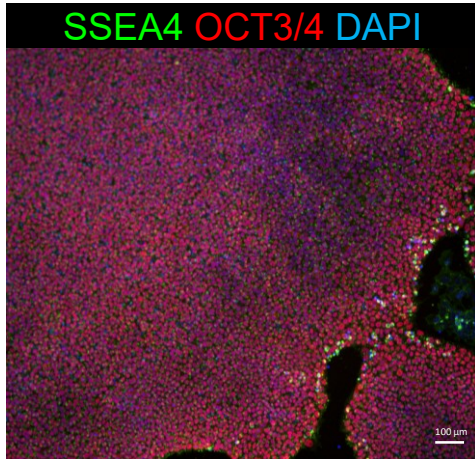
iPSCs				Embryoid bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.28	-0.30	0.34	-0.67	-3.49	2.38	3.38	1.12

sFig4: Characterization for iPSC line EDi025-A

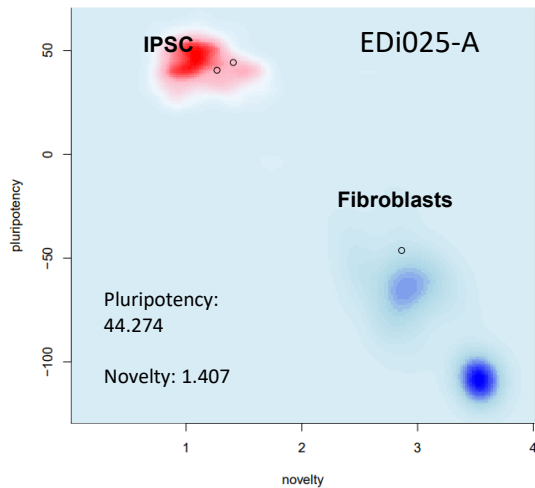
A. AP



B. Immunocytochemistry



C. PluriTest



D. G-Band karyotype

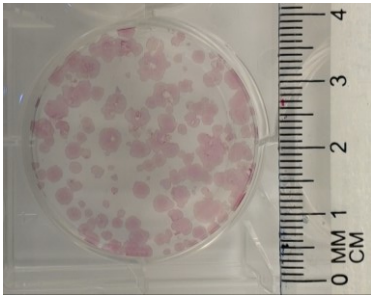


E. hPSC Scorecard

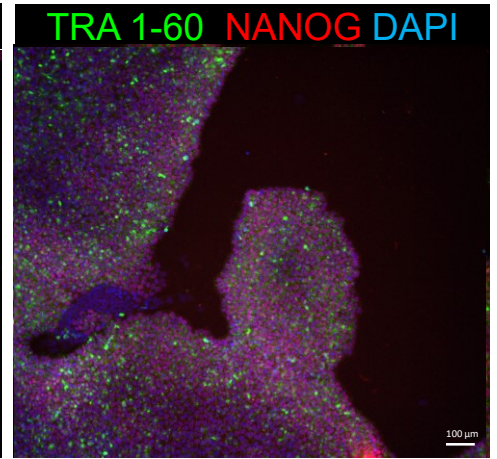
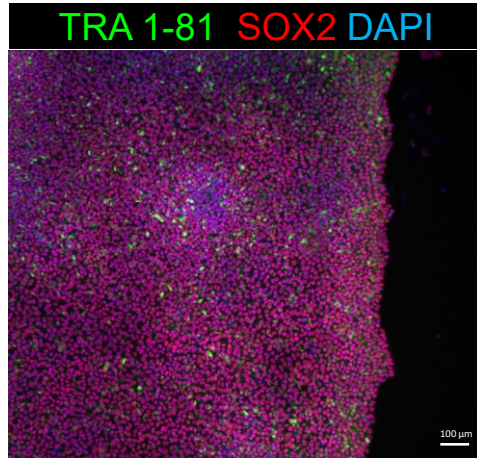
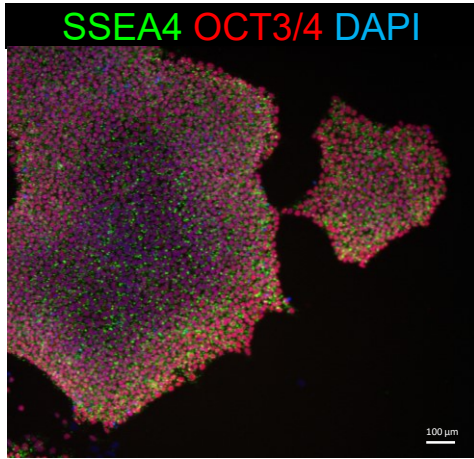
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.01	-0.33	-0.39	-1.15	-7.29	1.49	2.19	0.57

sFig5: Characterization for iPSC line EDi026-A

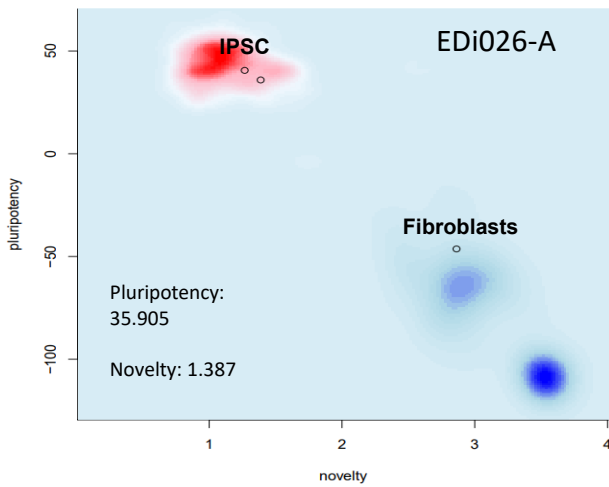
A. AP



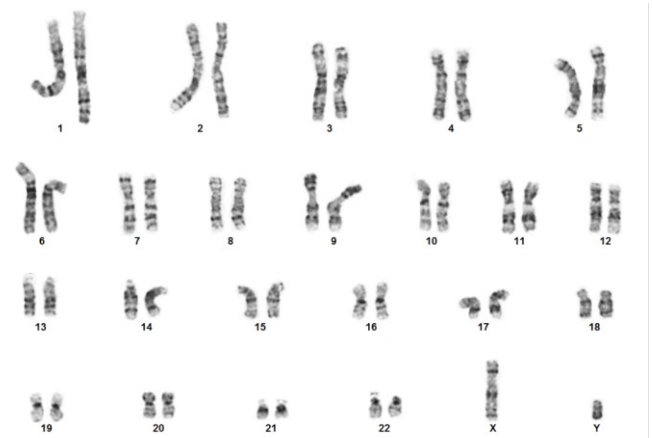
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

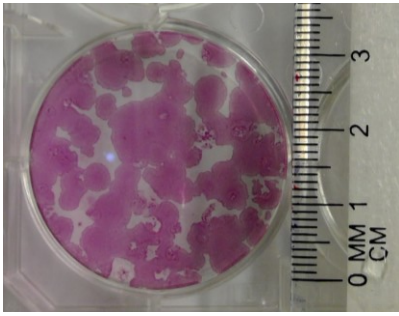


E. hPSC Scorecard

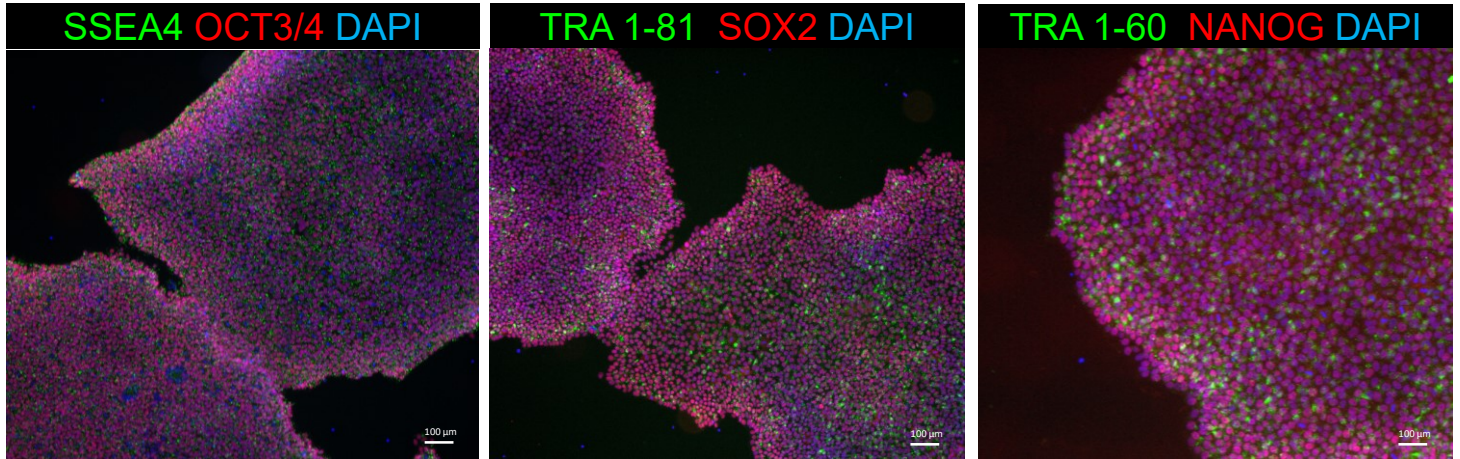
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.41	0.50	0.42	-0.83	-6.72	1.74	1.19	0.69

sFig6: Characterization for iPSC line EDi027-A

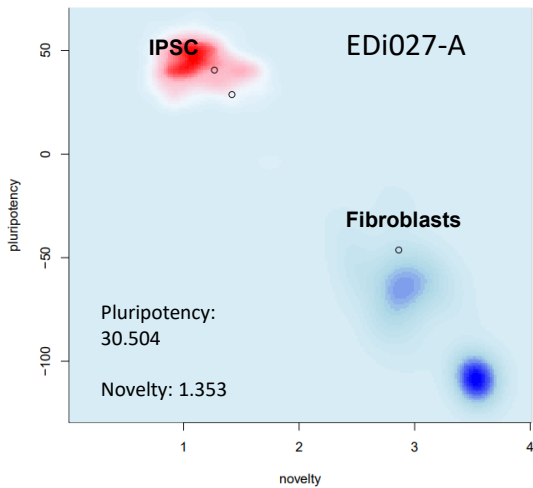
A. AP



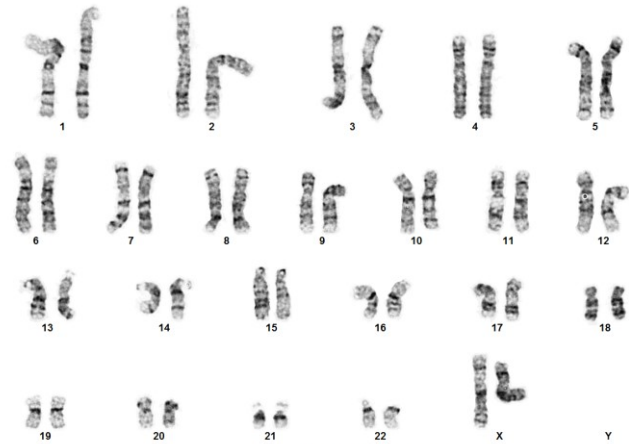
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

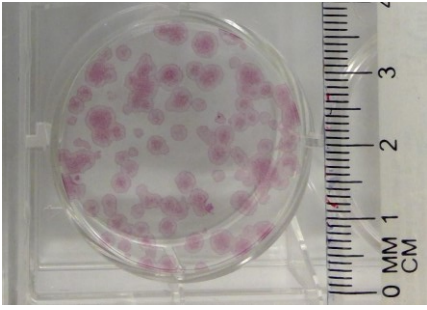


E. hPSC Scorecard

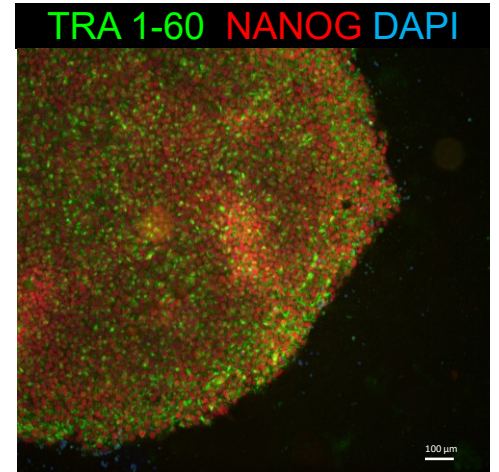
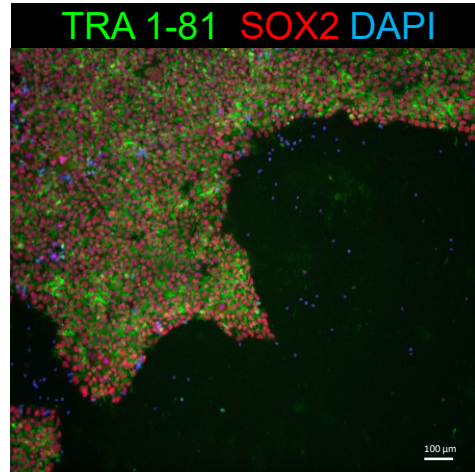
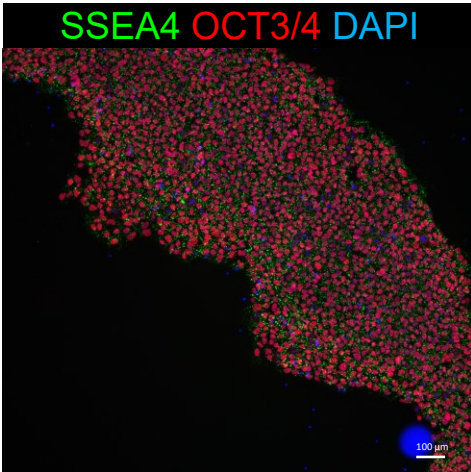
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	○	-	-	-	+	+	+
0.18	0.61	0.10	-0.75	-6.07	-1.72	-3.29	-1.78

sFig7: Characterization for iPSC line EDi028-A

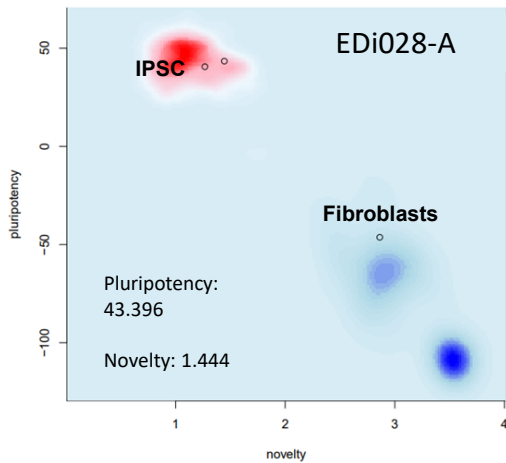
A. AP



B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

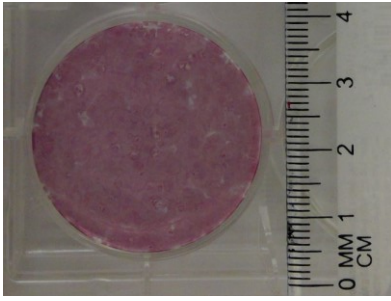


E. hPSC Scorecard

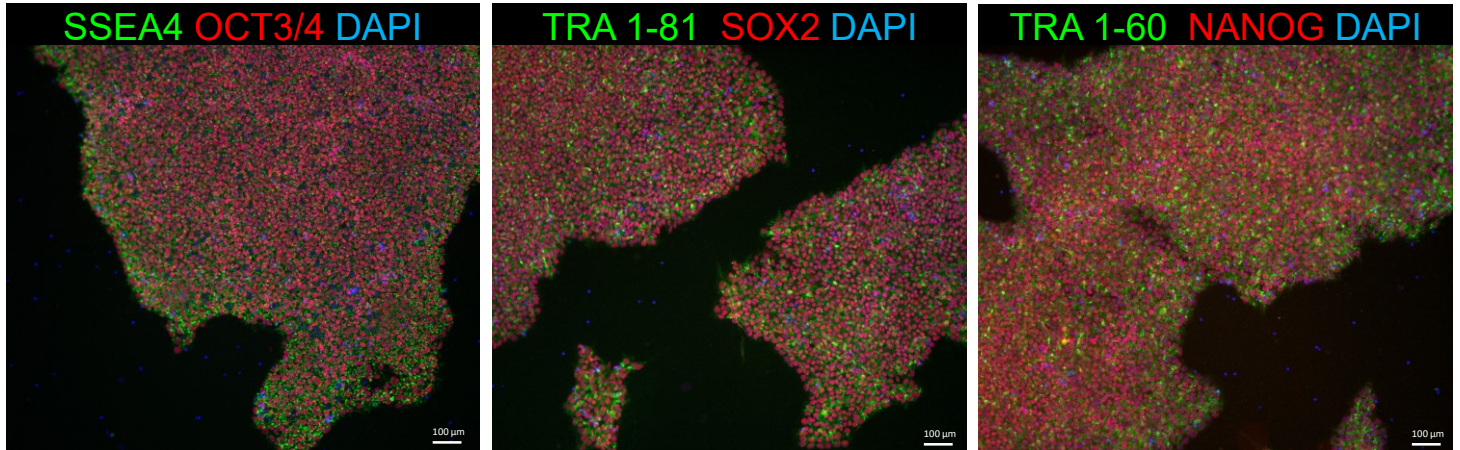
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.17	-0.17	0.69	-1.00	-6.84	2.14	2.10	0.69

sFig8: Characterization for iPSC line EDi029-A

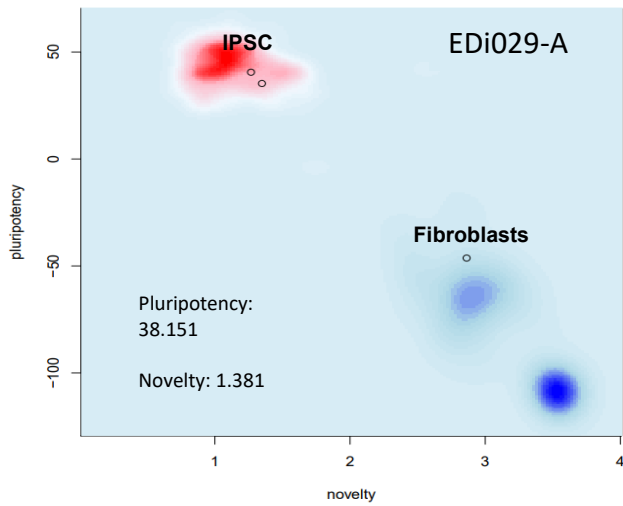
A. AP



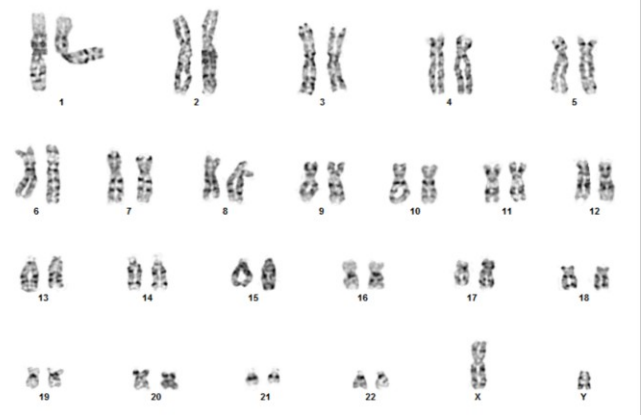
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

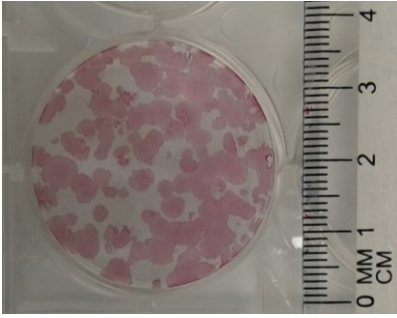


E. hPSC Scorecard

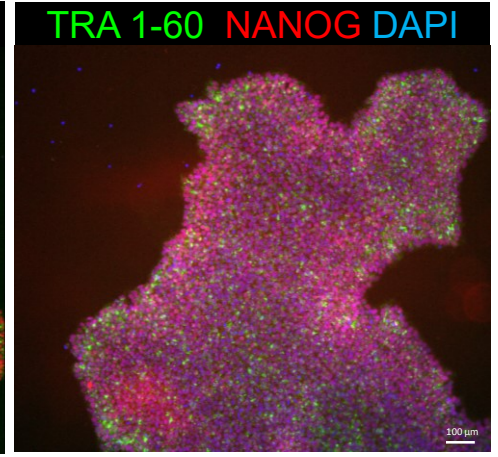
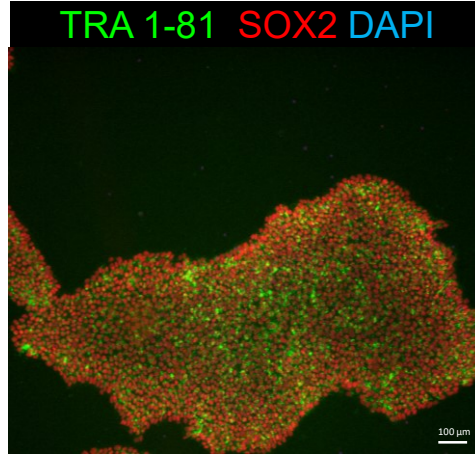
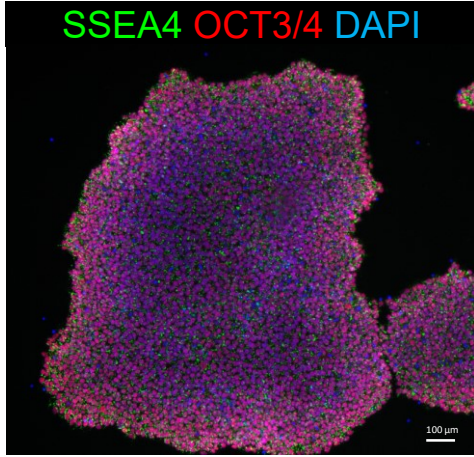
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.75	0.33	0.37	-0.81	-5.16	2.13	3.91	1.96

sFig9: Characterization for iPSC line EDi030-A

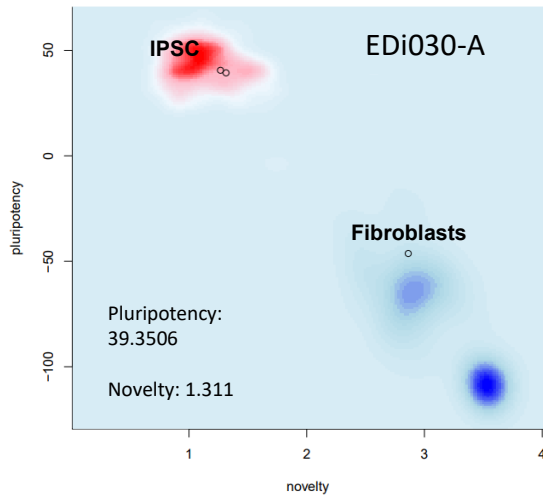
A. AP



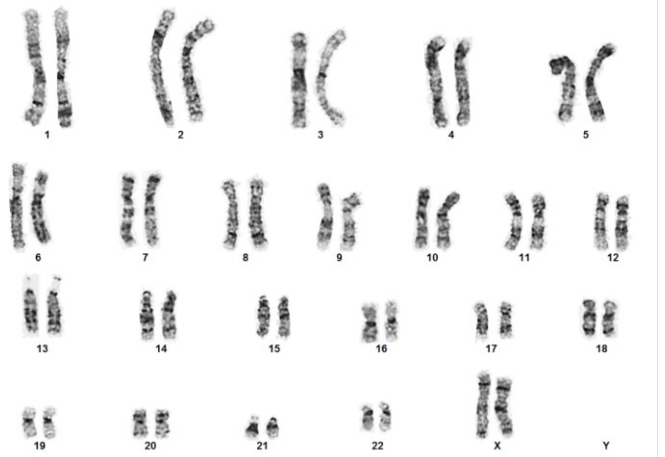
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

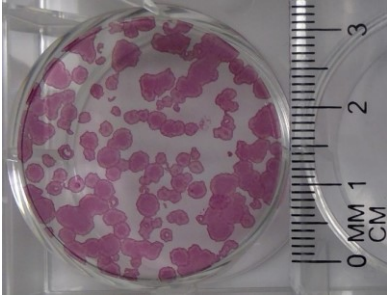


E. hPSC Scorecard

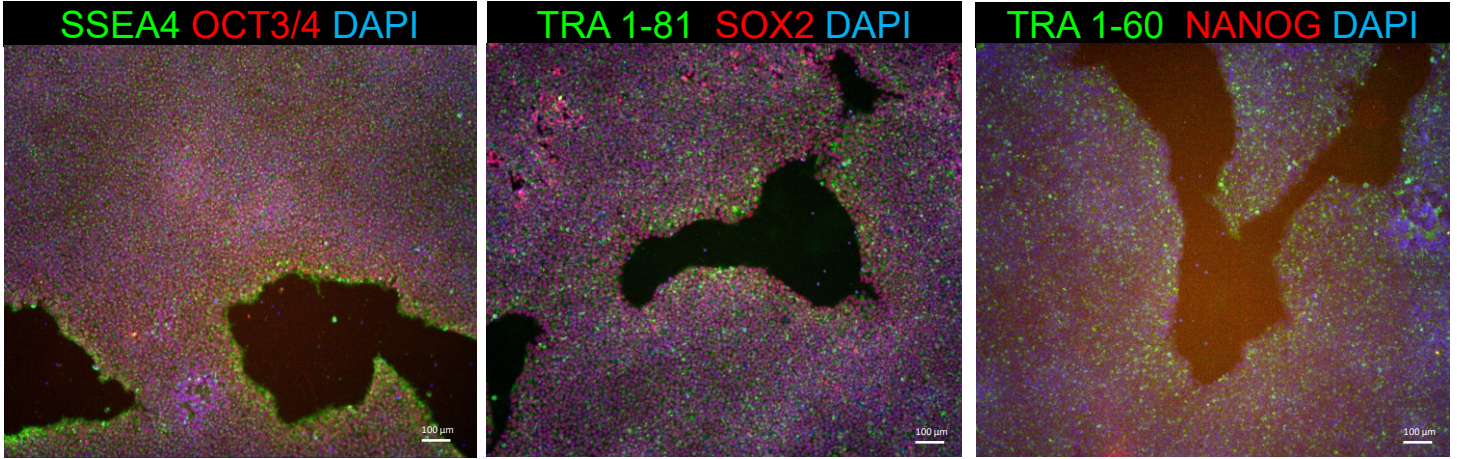
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.30	0.07	0.54	-1.48	-5.34	1.72	5.14	1.95

sFig10: Characterization for iPSC line EDi031-A

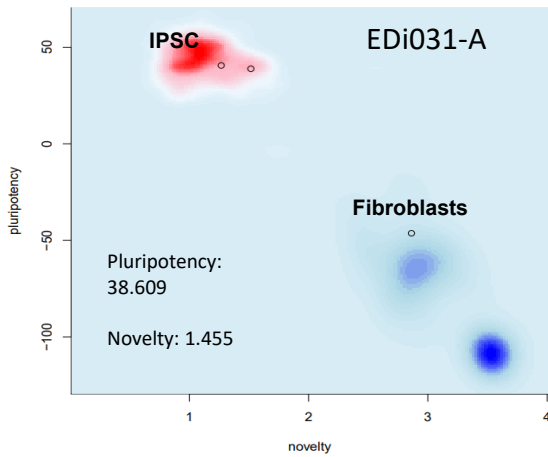
A. AP



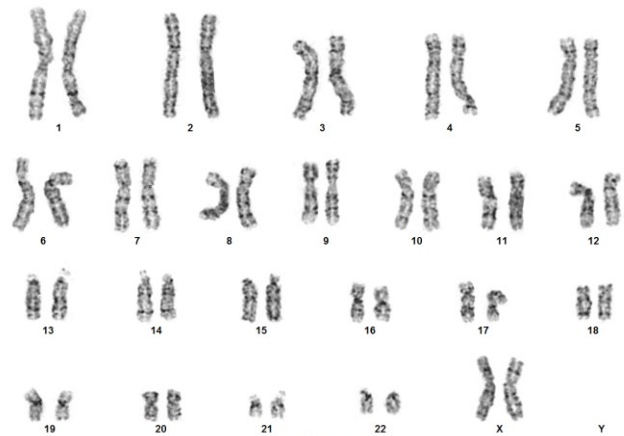
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

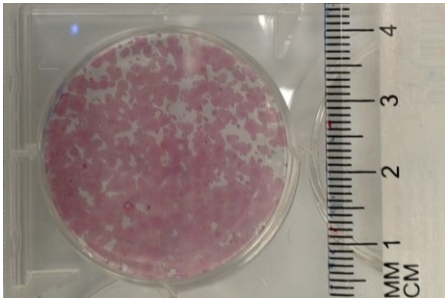


E. hPSC Scorecard

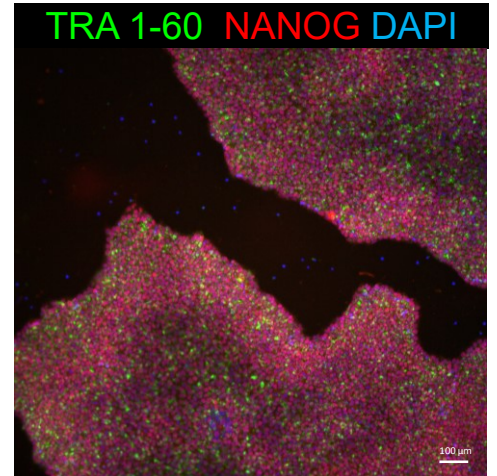
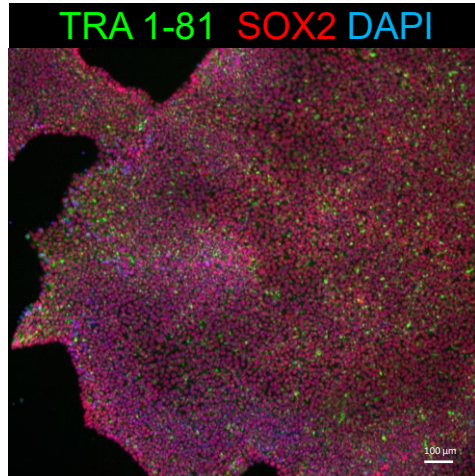
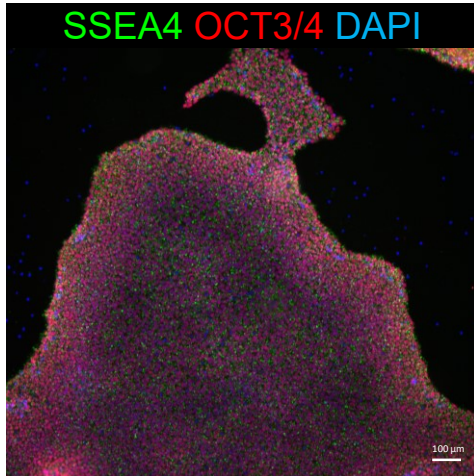
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.19	-0.46	-0.24	-1.30	-6.33	1.77	2.65	1.65

sFig11: Characterization for iPSC line EDi032-A

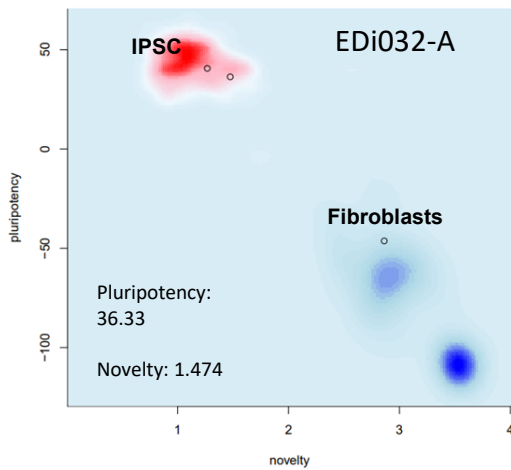
A. AP



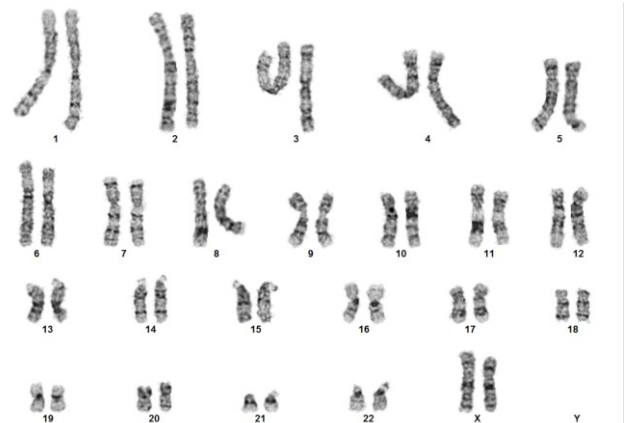
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

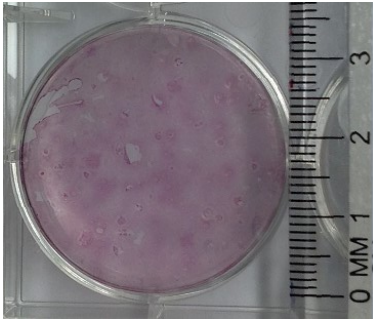


E. hPSC Scorecard

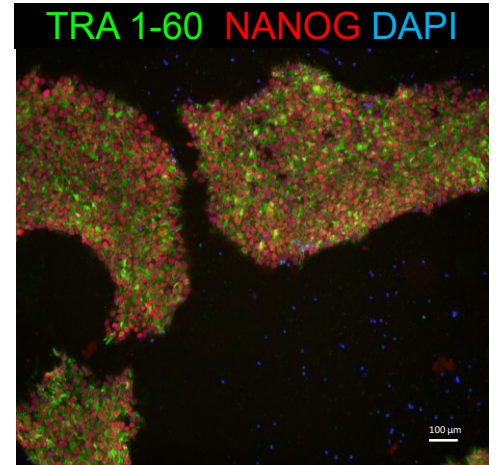
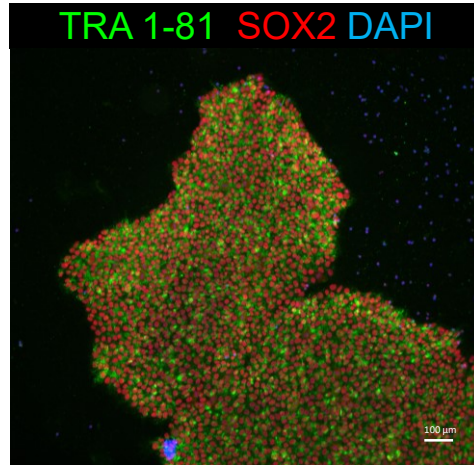
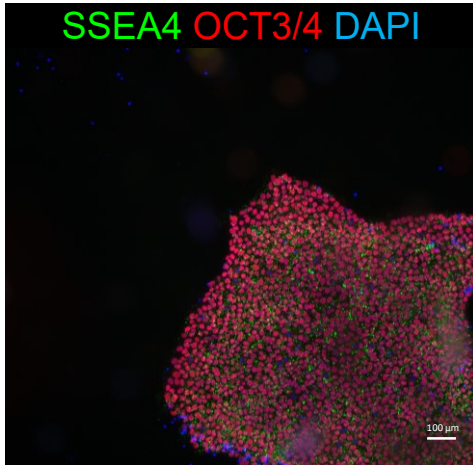
IPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.24	-0.06	0.08	-1.36	-6.85	1.85	2.34	0.78

sFig12: Characterization for iPSC line EDi033-A

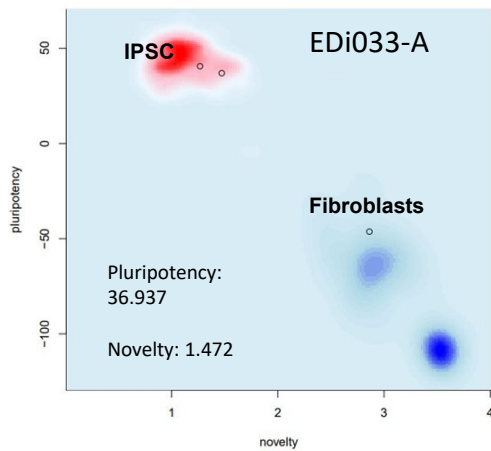
A. AP



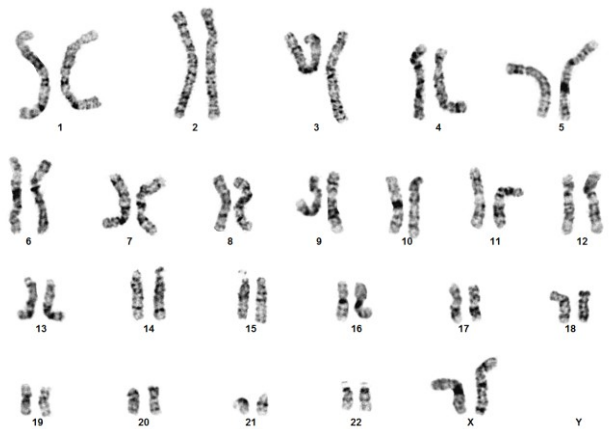
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

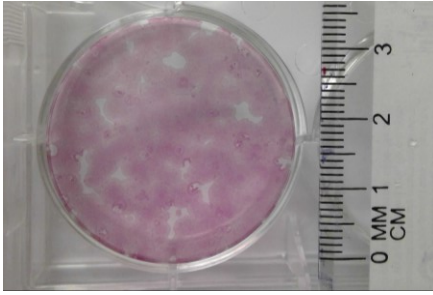


E. hPSC Scorecard

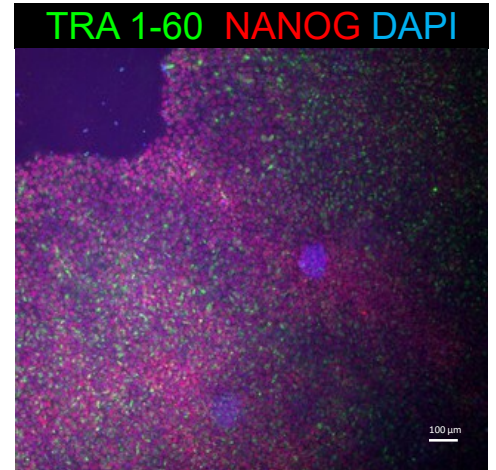
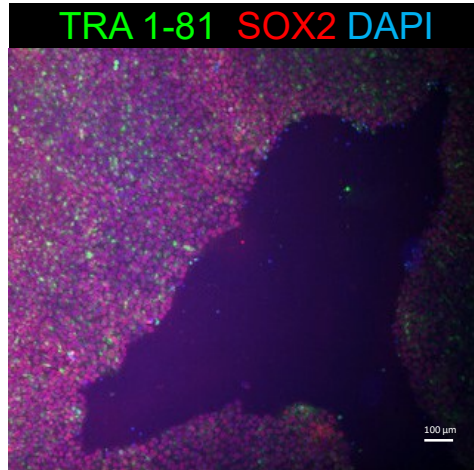
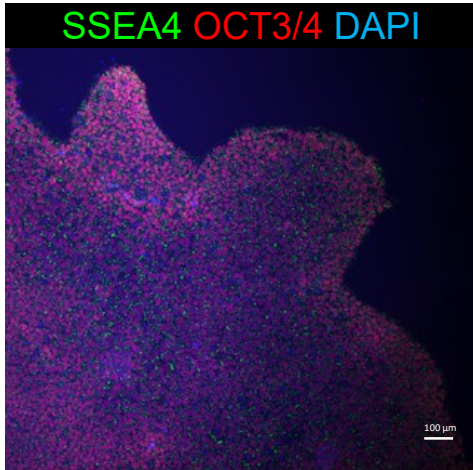
IPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.23	-0.02	-0.18	-1.03	-3.58	1.77	3.93	1.85

sFig13: Characterization for iPSC line EDi034-A

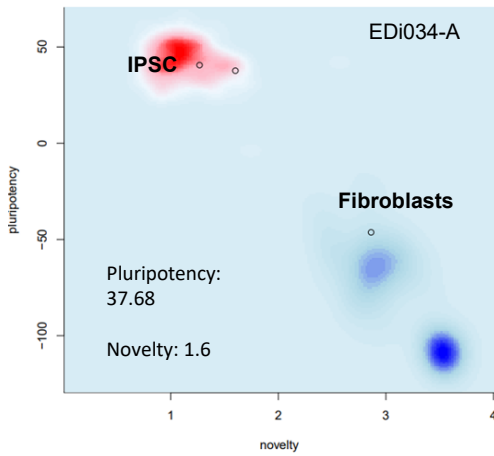
A. AP



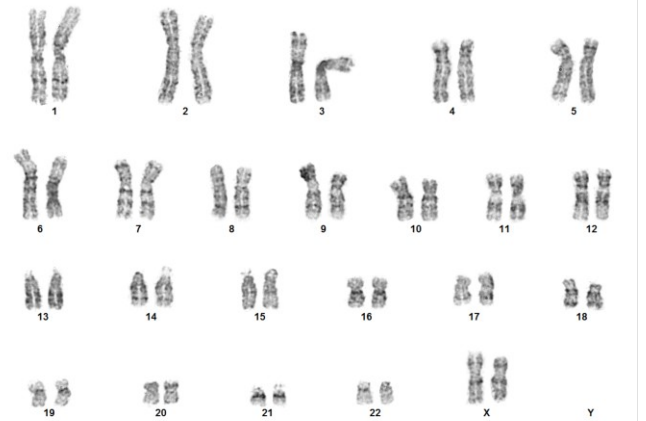
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

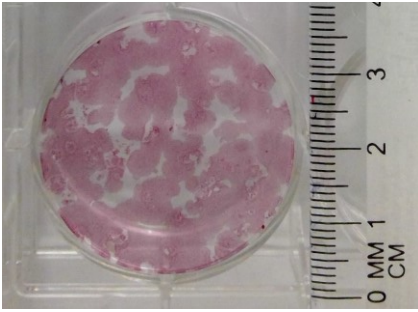


E. hPSC Scorecard

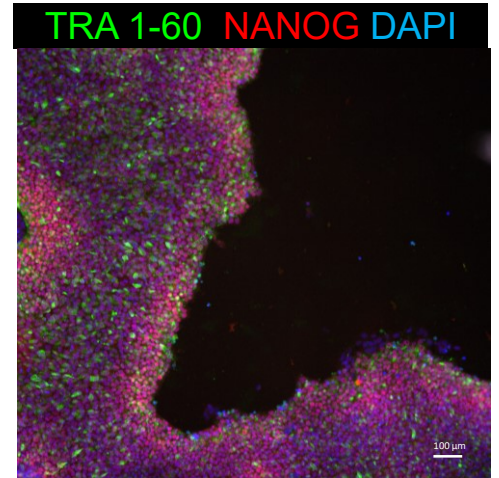
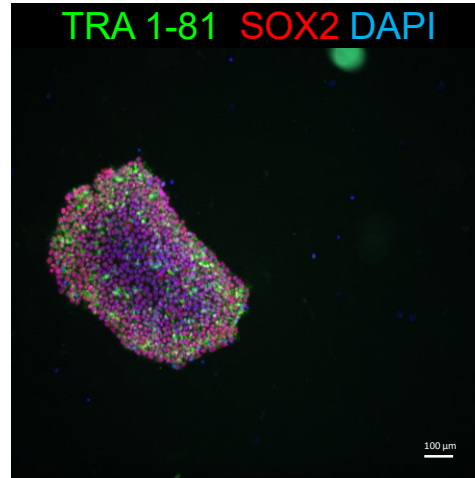
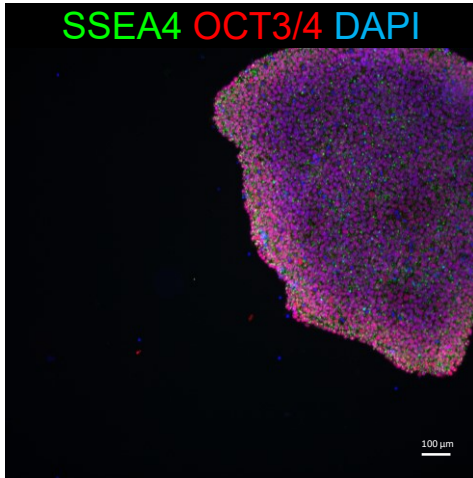
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.77	-0.25	-0.22	-1.57	-4.24	2.56	3.43	1.67

sFig14: Characterization for iPSC line EDi035-A

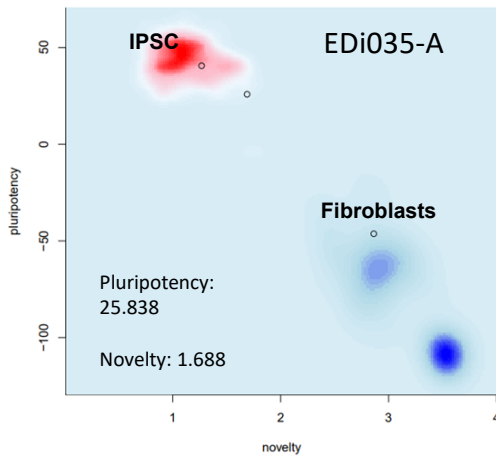
A. AP



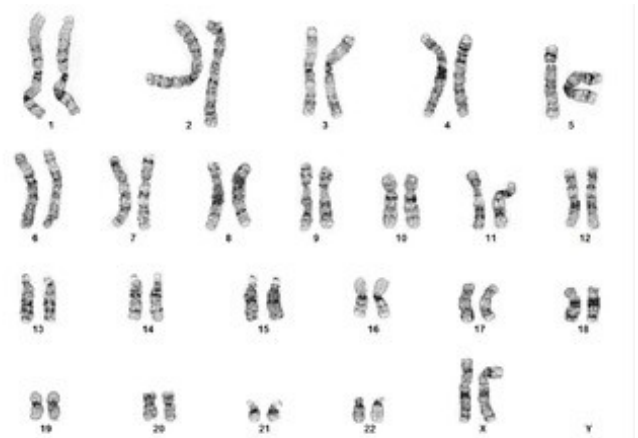
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

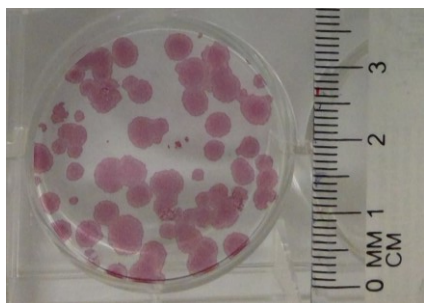


E. hPSC Scorecard

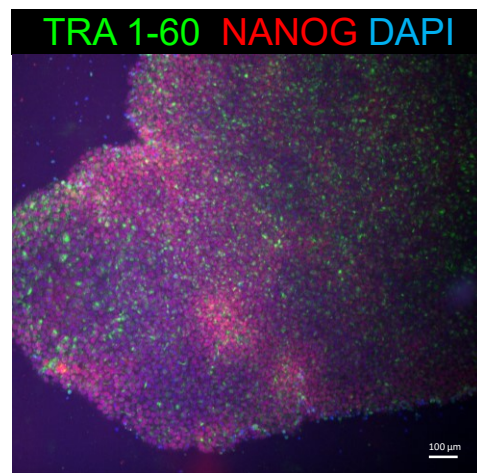
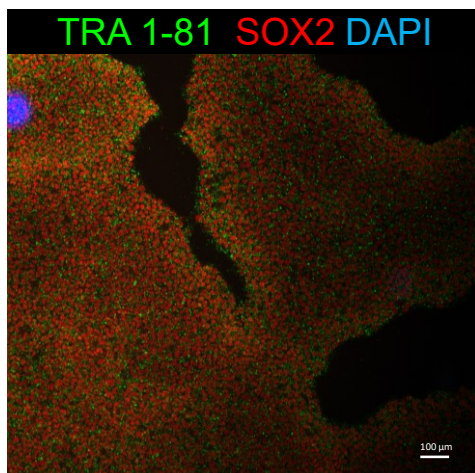
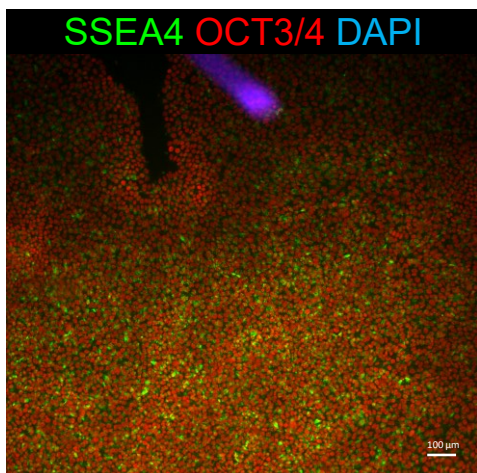
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	-	○
0.39	0.19	0.02	-1.22	-6.69	1.81	0.64	0.29

sFig15: Characterization for iPSC line EDi036-A

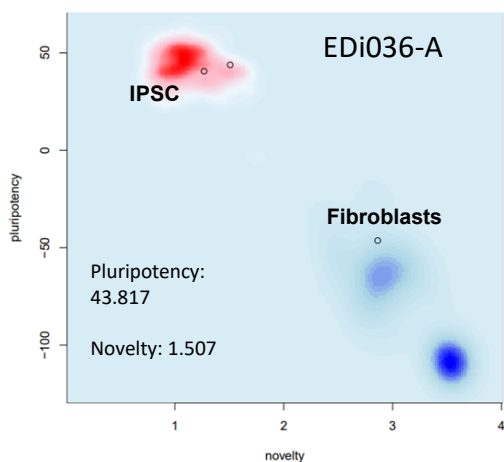
A. AP



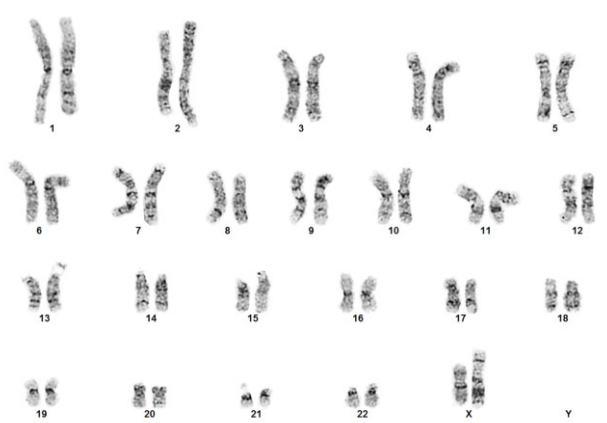
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

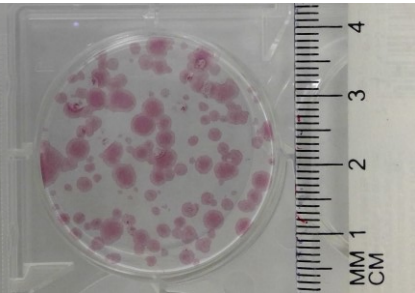


E. hPSC Scorecard

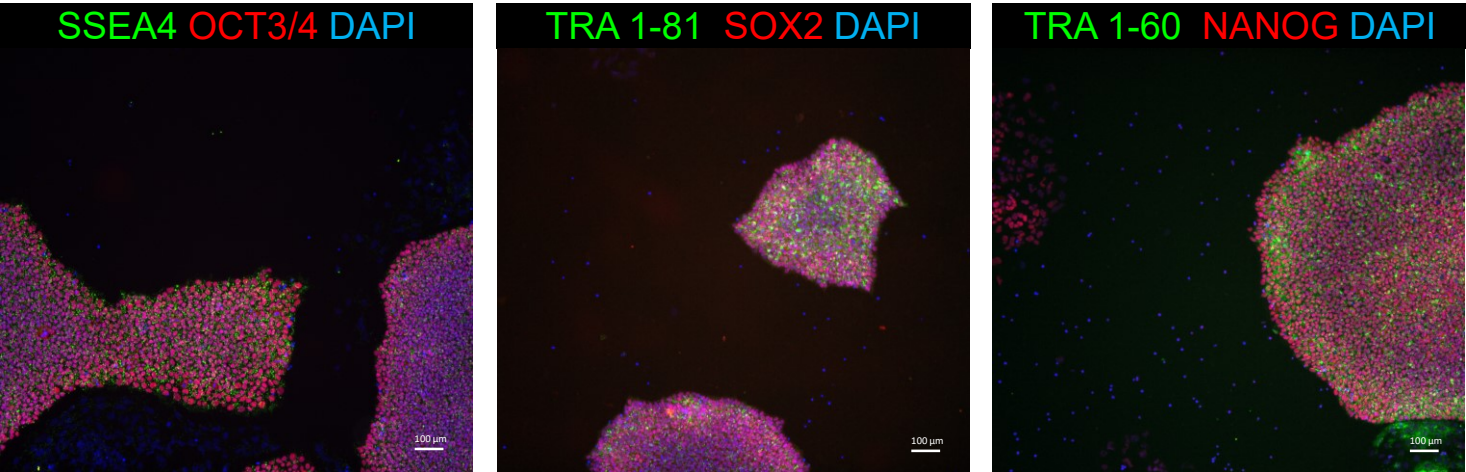
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.50	0.37	0.20	-1.03	-6.35	1.90	1.61	0.66

sFig16: Characterization for iPSC line EDi037-A

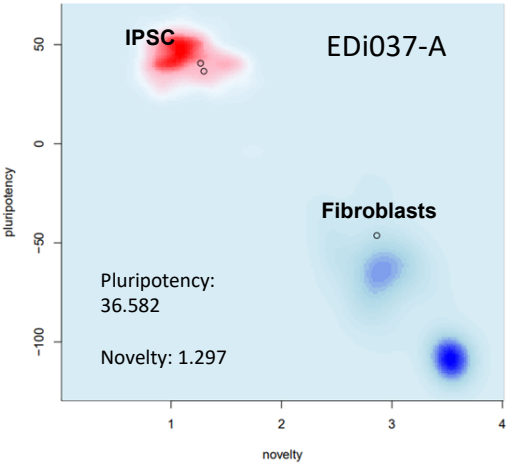
A. AP



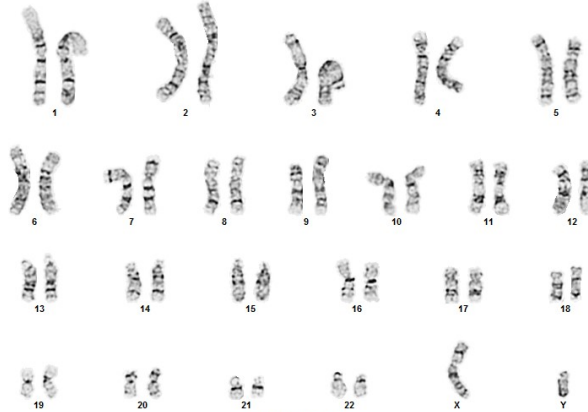
B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

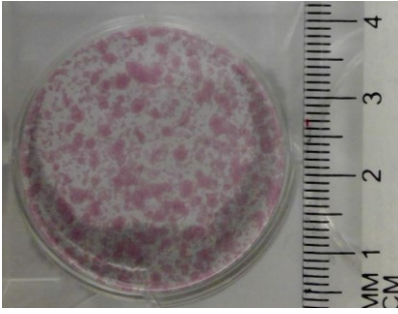


E. hPSC Scorecard

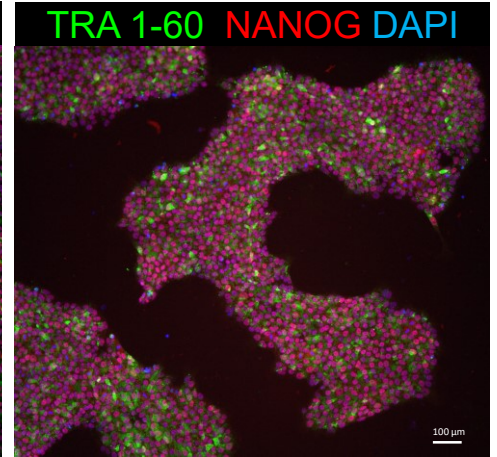
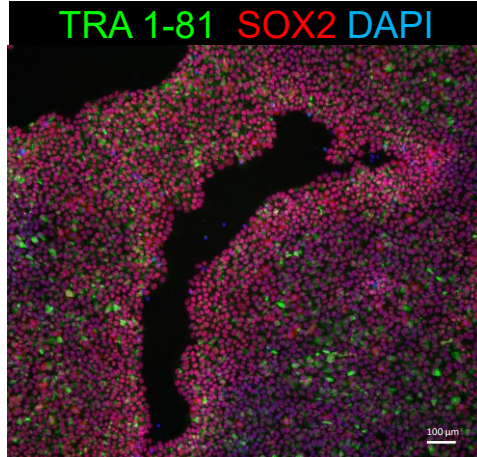
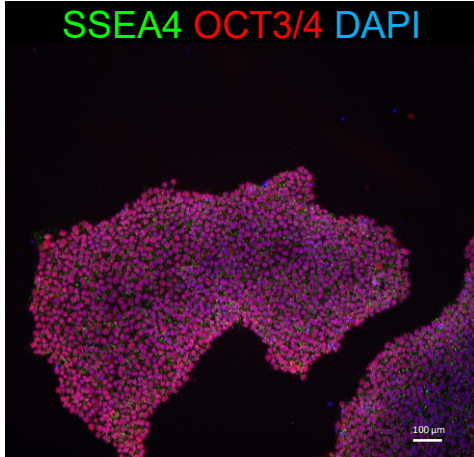
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.05	0.20	0.05	-0.75	-7.38	1.65	1.80	0.87

sFig17: Characterization for iPSC line EDi038-A

A. AP



B. Immunocytochemistry



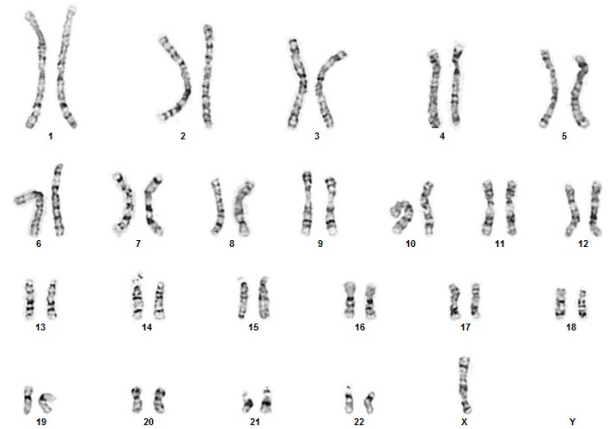
C. Pluritest

Plot unavailable

Pluripotency:
48.68024

Novelty:
1.418005

D. G-Band karyotype

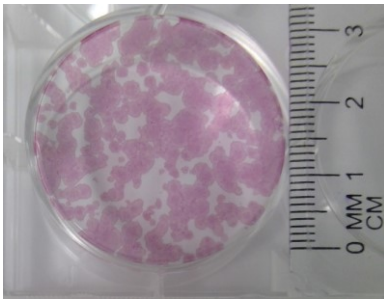


E. hPSC Scorecard

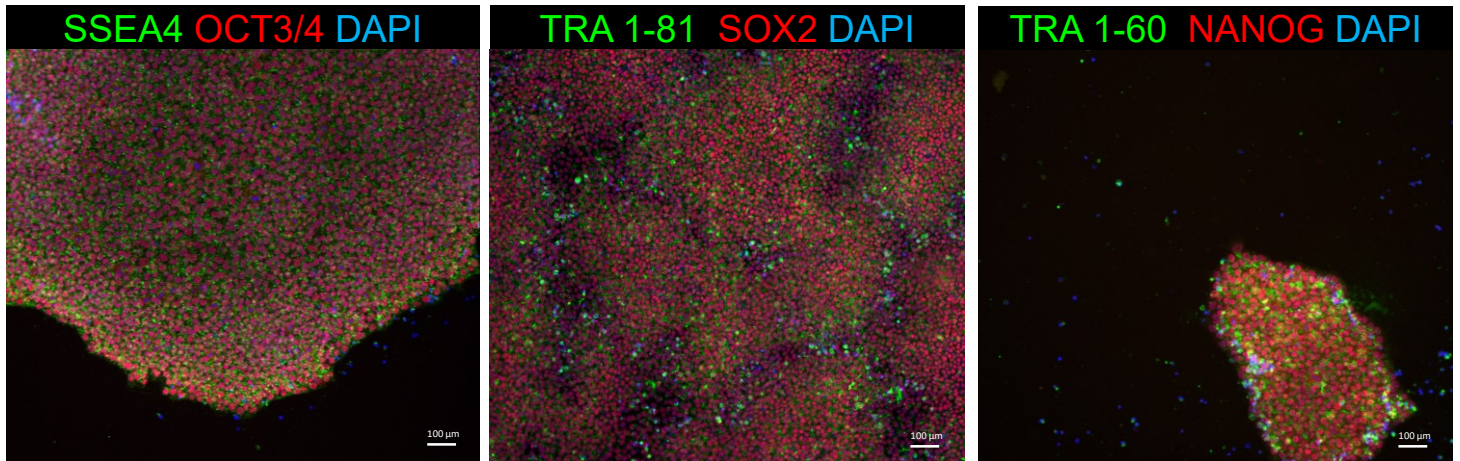
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.61	-0.09	0.48	-1.10	-6.22	1.41	6.00	1.73

sFig18: Characterization for iPSC line EDi039-A

A. AP



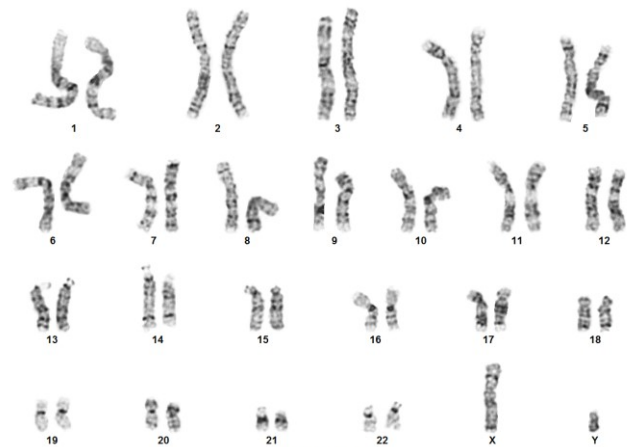
B. Immunocytochemistry



C. PluriTest

PluriTest not conducted.

D. G-Band karyotype

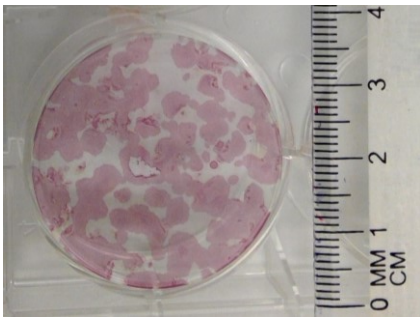


E. hPSC Scorecard

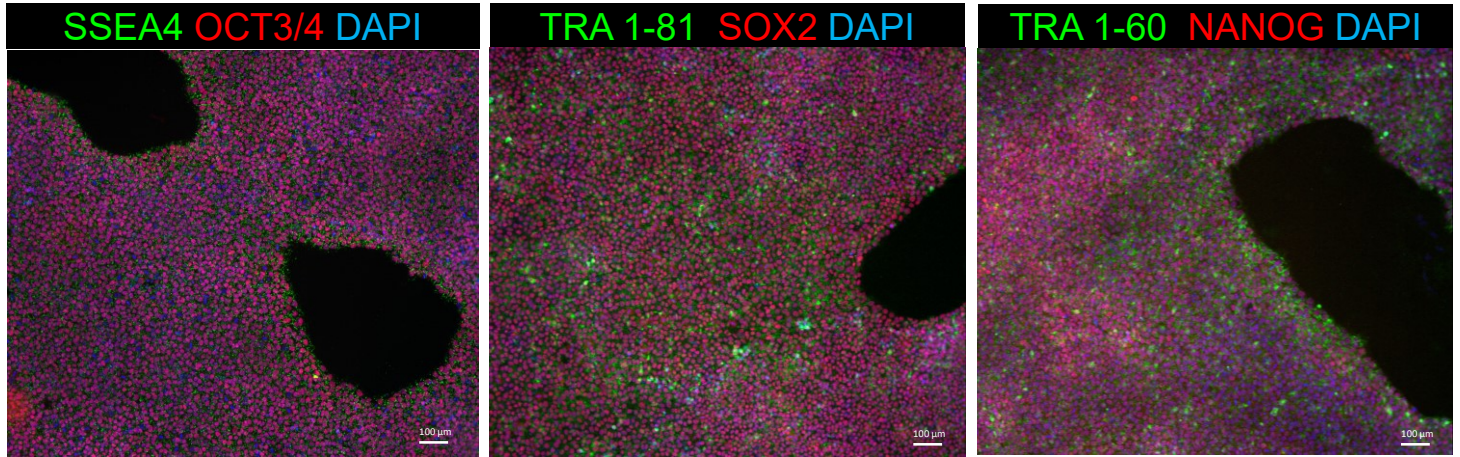
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.19	0.14	-0.15	-1.05	-6.74	2.08	1.07	0.64

sFig19: Characterization for iPSC line EDi040-A

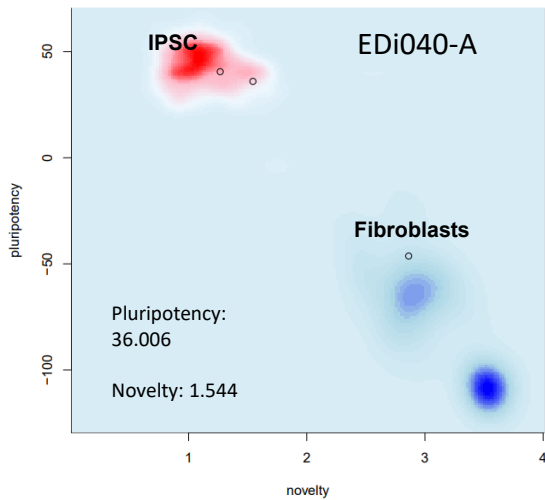
A. AP



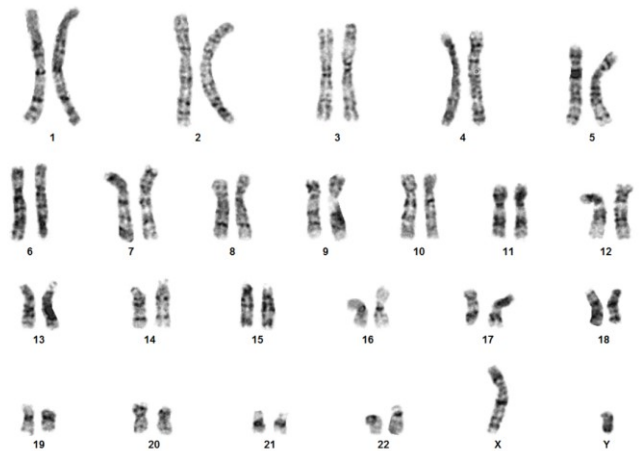
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

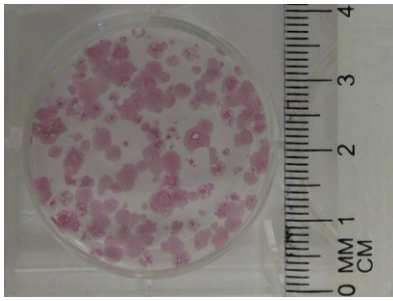


E. hPSC Scorecard

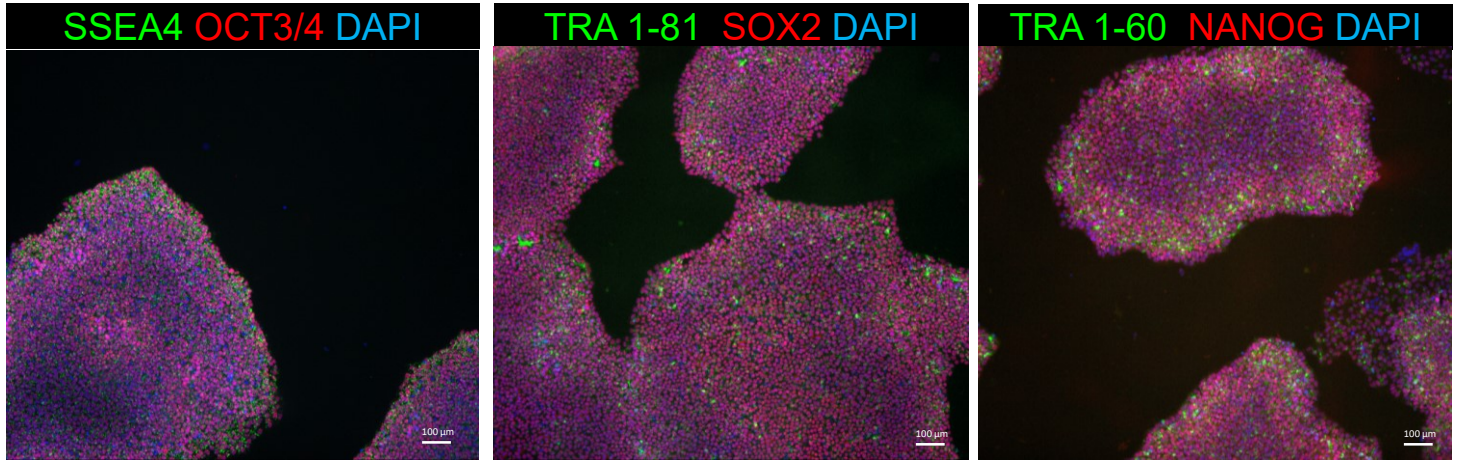
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
0.01	-0.45	0.24	-0.94	-3.18	1.57	0.98	-0.56

sFig20: Characterization for iPSC line EDi041-A

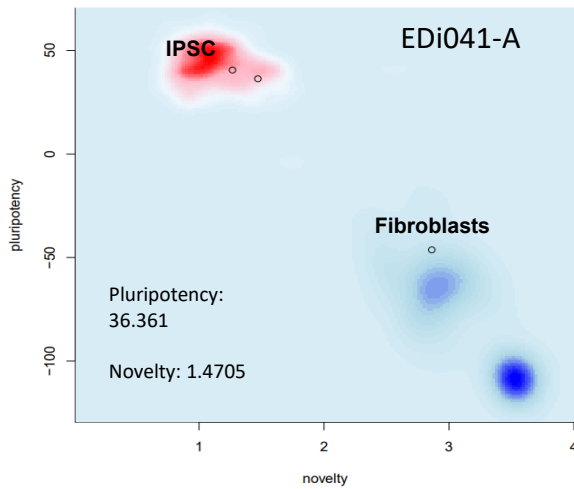
A. AP



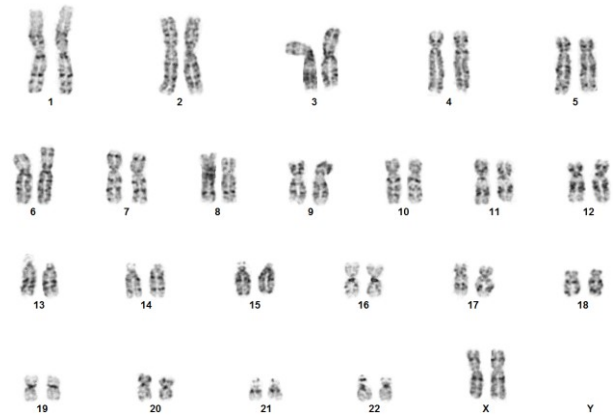
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

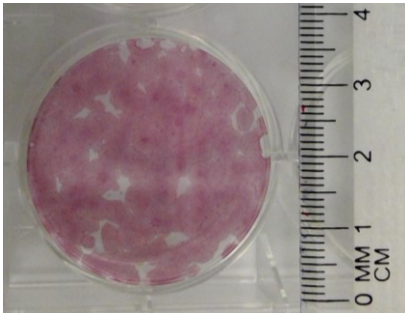


E. hPSC Scorecard

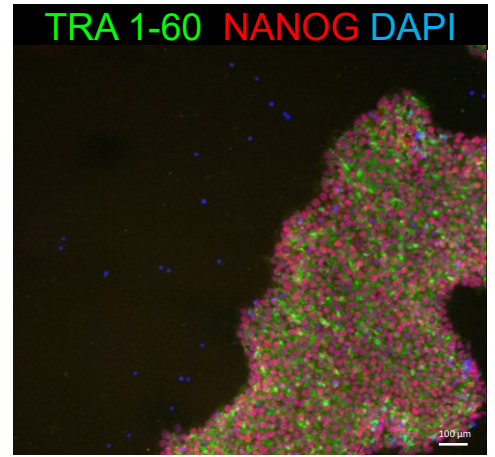
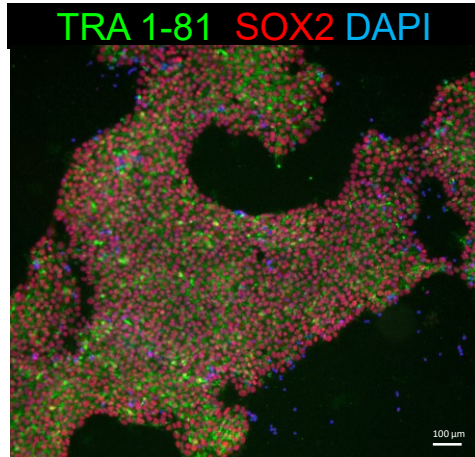
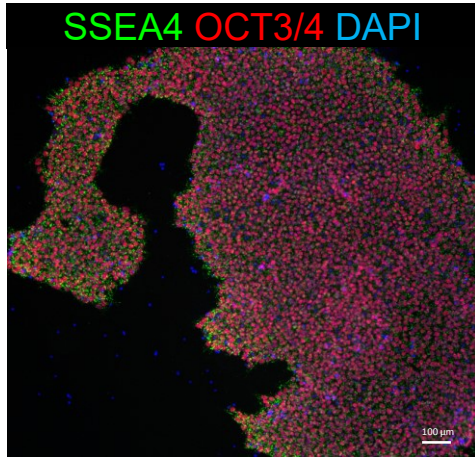
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.18	0.05	-0.32	-1.24	-7.04	1.61	1.42	0.67

sFig21: Characterization for iPSC line EDi042-A

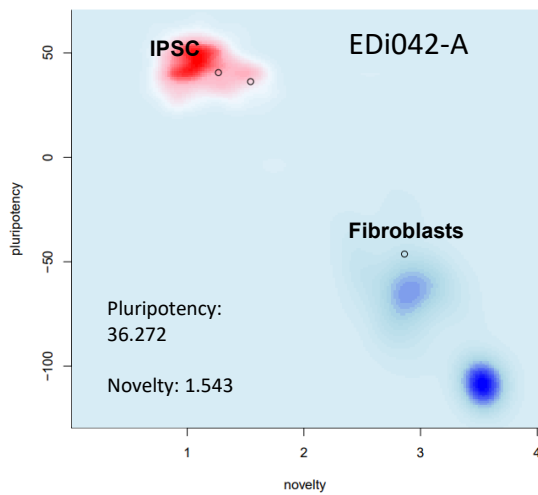
A. AP



B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

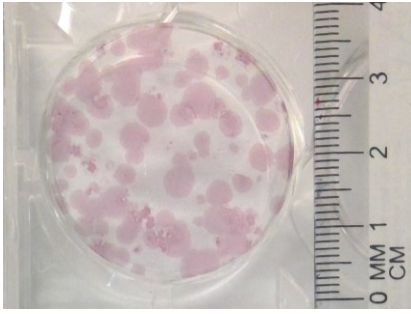


E. hPSC Scorecard

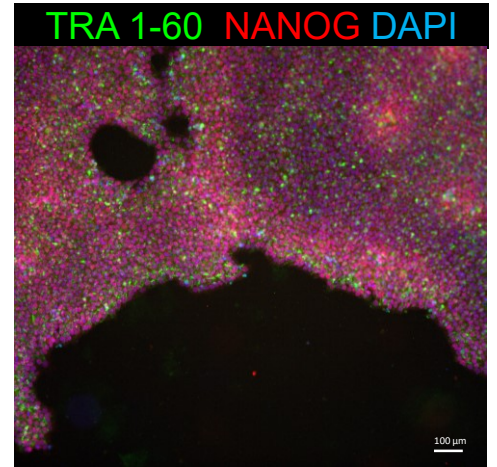
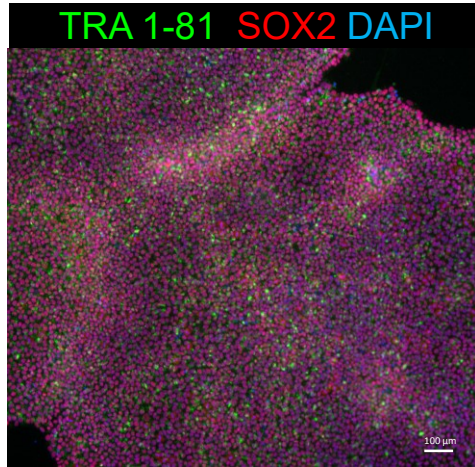
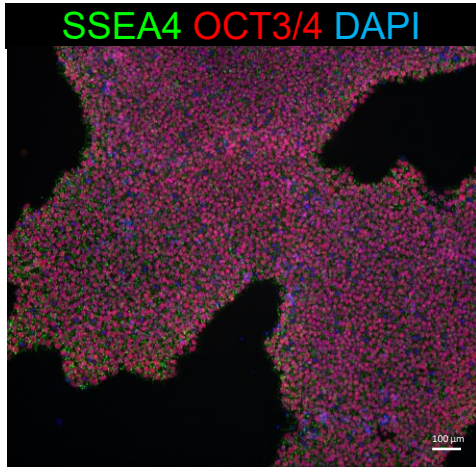
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	-
0.05	-0.13	0.05	-1.04	-5.15	2.62	1.07	0.22

sFig22: Characterization for iPSC line EDi043-A

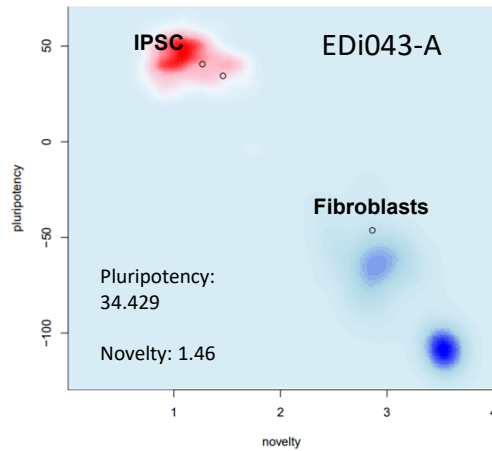
A. AP



B. Immunocytochemistry



C. Pluritest



D. G -Band karyotype

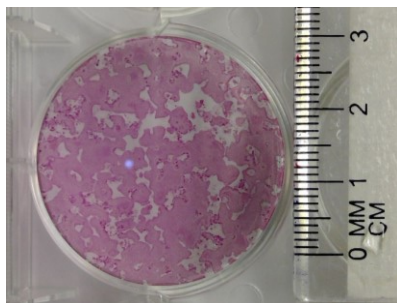


E. hPSC Scorecard

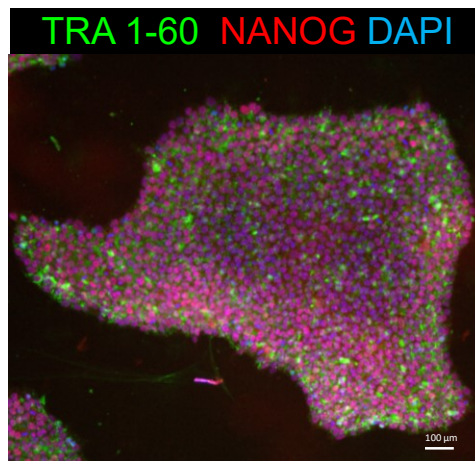
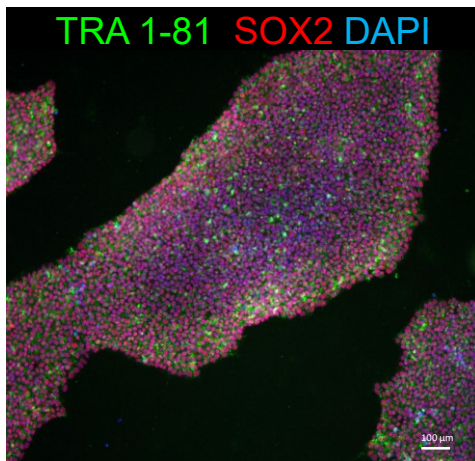
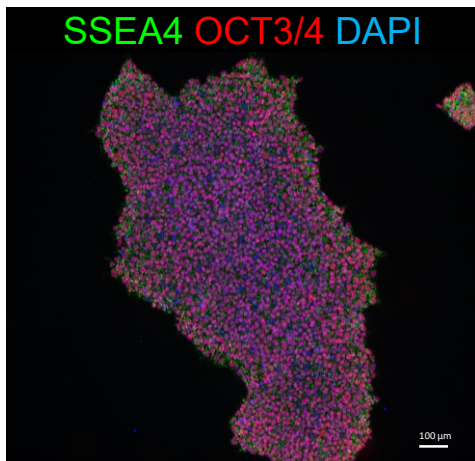
IPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.03	0.38	0.07	-1.23	-6.46	1.59	2.57	1.19

sFig23: Characterization for iPSC line EDi044-A

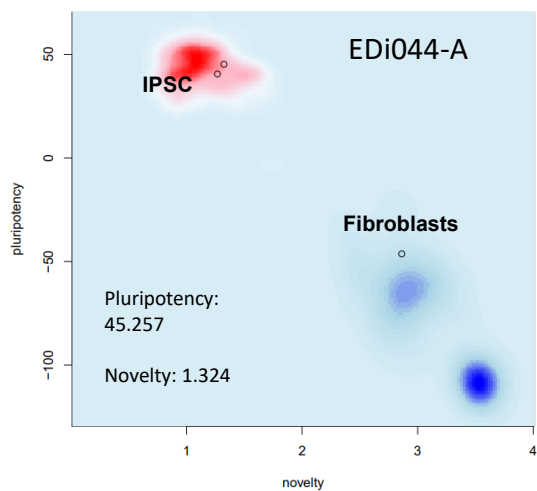
A. AP



B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype

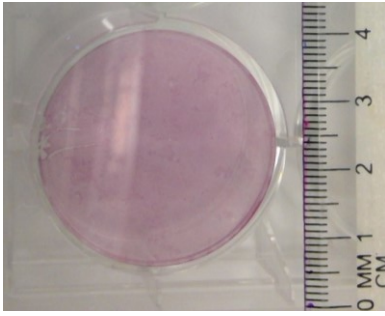


E. hPSC Scorecard

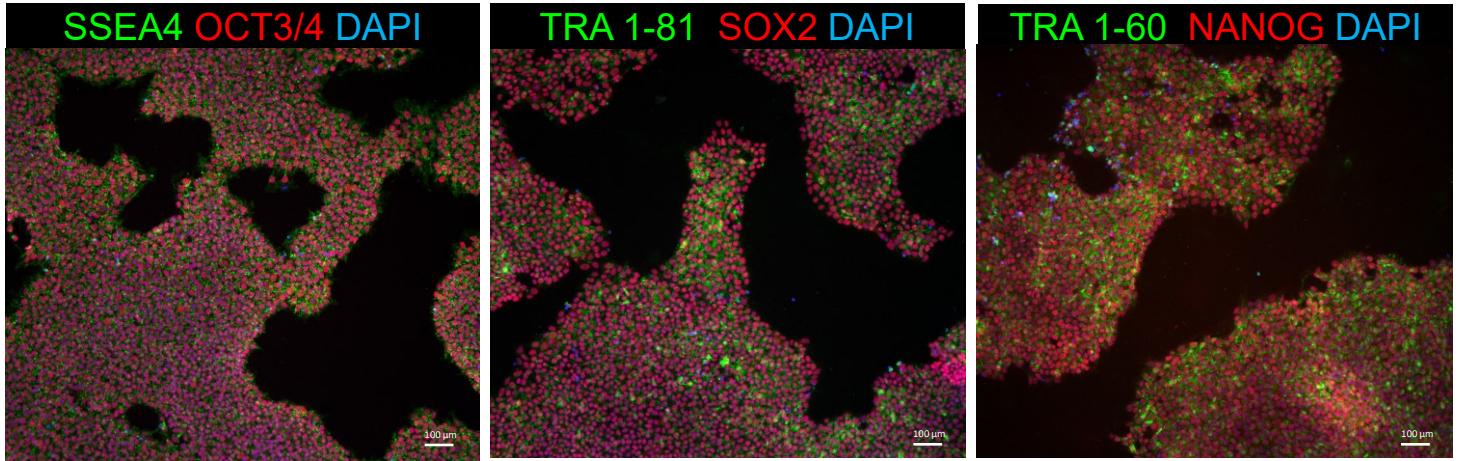
iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
○	⊖	⊖	⊖	⊖	⊕	⊕	⊕
-0.75	-0.19	0.58	-0.80	-6.29	1.65	3.42	0.94

sFig24: Characterization for iPSC line EDi045-A

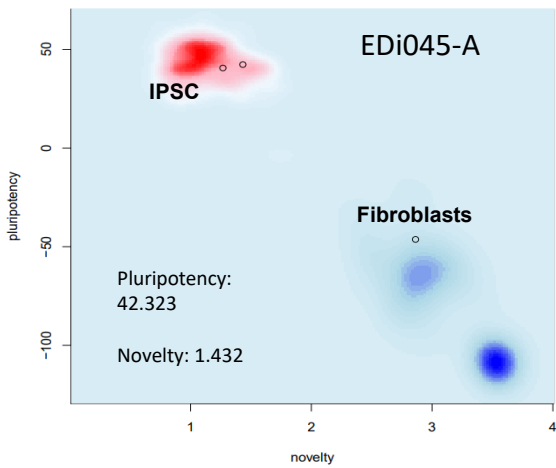
A. AP



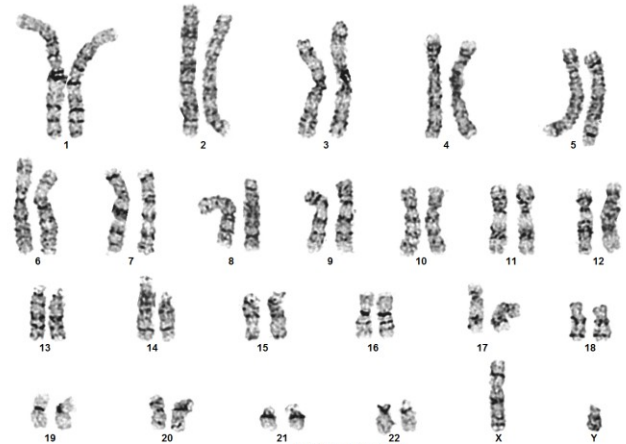
B. Immunocytochemistry



C. Pluritest



D. G-Band karyotype



E. hPSC Scorecard

iPSCs				Embryoid Bodies			
Self-renew	Ecto	Meso	Endo	Self-renew	Ecto	Meso	Endo
+	-	-	-	-	+	+	+
-0.11	0.15	0.22	-0.81	-6.43	2.29	1.53	0.62