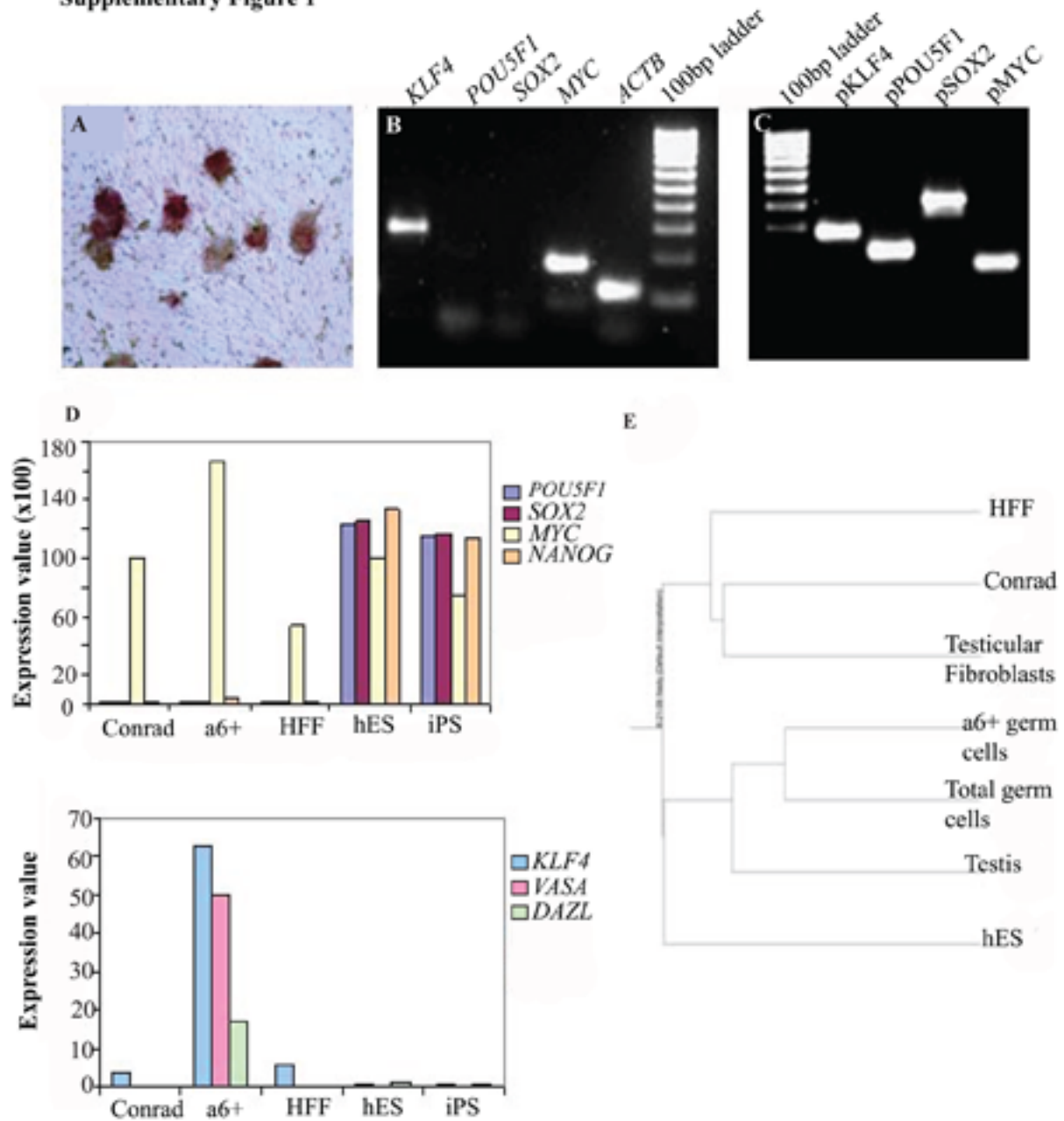


Supplementary Figure 1



Supplementary Figure 1. Colonies prepared by the Conrad (Nature 2008) method grow among fibroblasts and express AP (A), but do not express the pluripotency markers *POU5F1* and *SOX2*, as determined by RT-PCR (B); (C), RT-PCR of the same genes assayed in (B), using the plasmids carrying the corresponding cDNAs, as a positive control; (D), Representative gene expression results from the microarray analysis comparing the expression of pluripotency (*POU5F1*, *SOX2*, *MYC*, *NANOG*, *KLF4*) and germ cell (*VASA*, *DAZL*) markers in the ES-like cells prepared by the Conrad protocol (ES-like), germ cells isolated by MACS with anti-ITGA6 (a6+), human foreskin fibroblasts (HFF), human ES cells (hES) and induced pluripotent cells (iPS). (E), Dendrogram representing the results of the global gene expression comparative analysis of the colonies prepared by the Conrad method, showing their similarity to human foreskin and testicular fibroblasts, as opposed to hES cells.

Supplementary Table 1. Primers used in qRT-PCR

SSEA-4 FOR	GAGAAGCTGTTCCAGATAGTGC
SSEA-4 REV	CTCAGGGTACATGAAATGGTGG
POU5F1 FOR	CTG TCT CCG TCA CCA CTC TG
POU5F1 REV	TGT GTT CCC AAT TCC TTC CTT AG
KLF4 FOR	AATTACCCATCCTTCCTGCCCGAT
KLF4 REV	ATCTGAGCGGGCGAATTTCCAT
SOX2 FOR	TGGACAGTTACGCGCACATGAA
SOX2 REV	AGTGCTGGGACATGTGAAGTCT
MYC FOR	AGCGACTCTGAGGAGGAACAAGAA
MYC REV	CGTAGTTGTGCTGATGTGTGGAGA
NANOG FOR	CCTGAACCTCAGCTACAAACAGGT
NANOG REV	CACACCATTGCTATTCTTCGGCCA
PLZF FOR	CTTCTGATAACGAGGCTGT
PLZF REV	GAGCCAGTAAGTGCATTCTCAG
DAZL FOR	GACGTGGATGTGCAGAAGATAG
DAZL REV	CATTCTGAAACTGTGGTGGAGG
EPCAM FOR	CTTCAGAAGGAGATCACAACGC
EPCAM REV	CAGGATCCAGATCCAGTTGTTC
ITGA6 FOR	GGATCATCCTAGTGGCTATTCTCG
ITGA6 REV	GGAACACTGTCATCGTACCTAGAG
GPR125 FOR	TGTCTTCAGCGCATTGCTACCT
GPR125 REV	TGCCACTTTCTGGAACACGGTA
VASA FOR	AACAGGATGTTCCCTGCATGGTTGG
VASA REV	CAAGTGCTCTTGCCCTTTCTGGT
GAPDH FOR	GAGTCAACGGATTTGGTCGTAT
GAPDH REV	AATGAAGGGGTCATTGATGG

Supplementary Table 2. Antibodies used in this study**Primary Antibodies**

<i>Antibody</i>	<i>Host</i>	<i>Company</i>	<i>Application</i>
SSEA-4 biotinylated	Mouse	R&D Systems	MACS
SSEA-4	Mouse	Millipore	ICC, IHC
GPR125	Rabbit	Abcam	ICC, MACS
EpCAM(CD326)-MicroBeads		Miltenyi	MACS
ITGA6 (CD49f) biotinylated	Rat	Biologend	MACS
UCH-L1	Rabbit	AbD Serotec	ICC
VASA biotinylated	Goat	R&D Systems	ICC

Secondary Antibodies used in MACS

(Miltenyi Biotec)

Anti-Biotin MicroBeads
 Goat anti-Mouse IgG MicroBeads
 Goat anti-Rabbit IgG MicroBeads

Secondary Antibodies used in immunostaining

FITC-anti-mouse	Donkey	Jackson Immunoresearch
TRITC-anti-mouse	Donkey	Jackson Immunoresearch
FITC-anti-goat	Donkey	Jackson Immunoresearch
Alexa Fluor568 anti-rabbit	Donkey	Invitrogen