

Human mid-trimester amniotic fluid (stem) cells lack expression of the pluripotency marker OCT4A.

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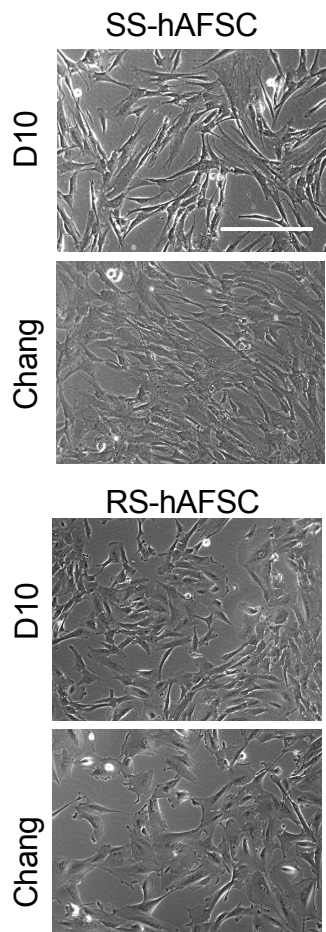
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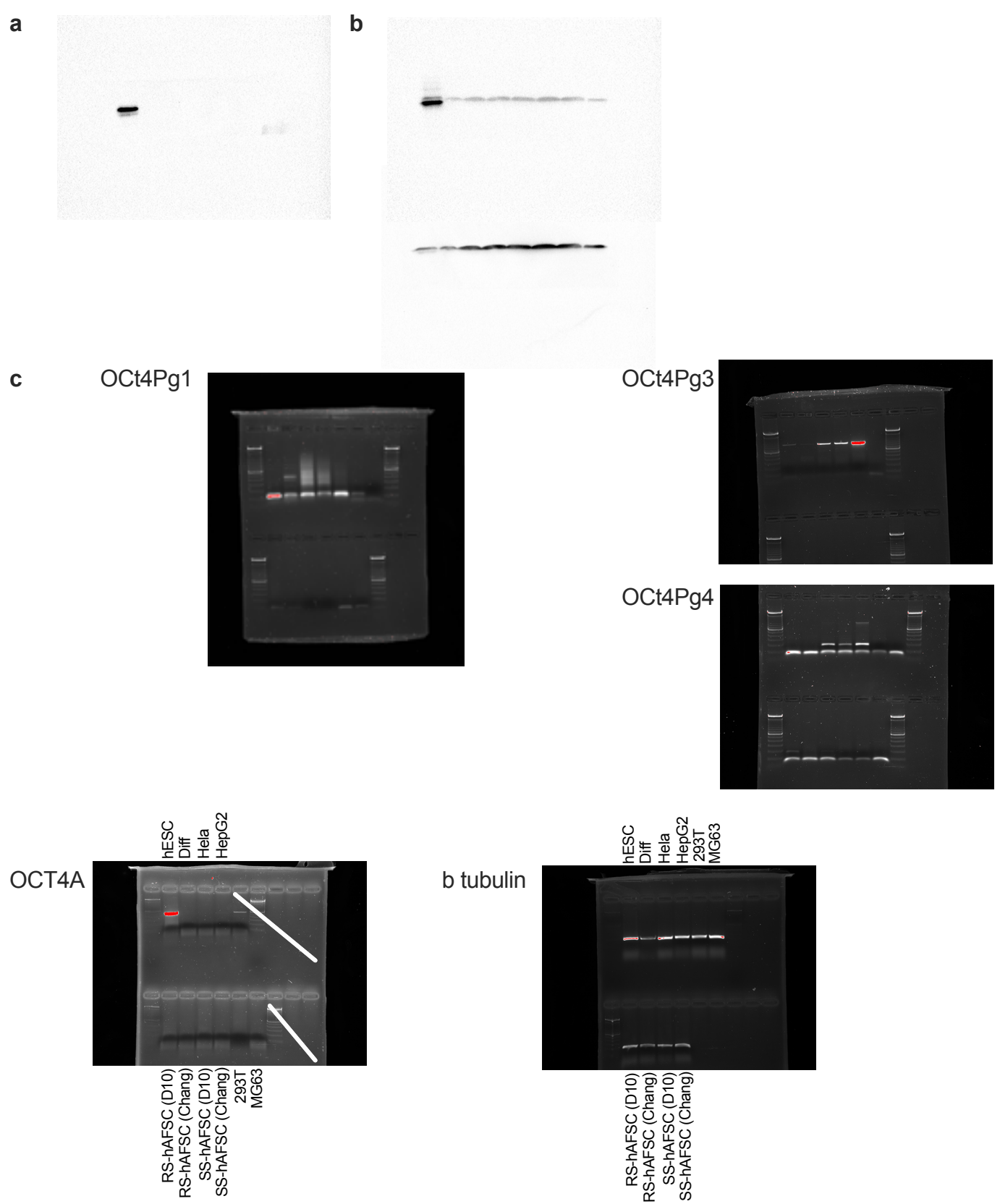
b

Primer name	Primer sequence	Annealing temp	Amplicon size (bp)
OCT4A	F: 5'- CTT CTC GCC CCC TCC AGG T-3' R: 5'- AAA TAG AAC CCC CAG GGT GAG C-3'	65	495
OCT4-Pg1	F: 5'-CATGCAGGCCCGAAAGAGAAAGCGAA- 3' R: 5'- TGTGGCTGATCTGCAGTGTGGG- 3'	60	107
OCT4-Pg3	F: 5'- CTT CTC ACC CCC TCC AGG C- 3' R: 5'- CCA CTG CTT GAT CGC TTG C- 3'	62	841
OCT4-Pg4	F: 5'-GGG ACA CCT GGC TTC GGA TG- 3' R:CCC CAC ACC TCA GAG CCT GA-3'	56	172

Supplementary Figure 1: (a) Sequence of the OCT4A variant. **(b)** Sequence of primers used for qRT-PCR detection of the expression of OCT4A and pseudogenes 1 (OCT4A-Pg1), 3 (OCT4A-Pg3) and 4 (OCT4A-Pg4).



Supplementary Figure 2: Phase contrast images of RS-hAFSCs and SS-hAFSCs cultivated in Chang C or D10 culture medium. Scale bar = 100 μm



Supplementary Figure 3: Untouched blots corresponding to **(a)** Figure 3D left panel and **(b)** Figure 3d right panel, **(c)** Figure 6