The COS-7 cell line used in the experiments described in the manuscript (Eidinger et al) was authenticated by genotyping 4 STR markers (D17S1304, D5S1467, D4S2408,D19S245). Genotyping was performed by PCR amplification of each STR and direct sequencing. Results (in terms of repeat number for each STR) were compatible with those described for COS-7 cells by Almeida et al (2011).

Below are sequences obtained for each STR.

D17S1304

11 repeats (11,11)

>Oct32\_14\_4784\_#21688#D17S\_TM4061.ab1

TACCATGtCctCtGGTtCtGGCTtCTGTGTTAATTtgAAAAAAAGAGGTTTTATCTATCTATCTATCTATCTATCTATCTATCTATCTATCTAtcTCTNTGTAtgATTTGTATAGTTCCAAAtgAAAGtggaTAGATAGATGCtGGGNAACattAagaNNNNNNNNNNN

D5S1467

11 repeats (11,11)

>Oct32\_13\_4784\_#21687#D5S\_TM4065.ab1

cCTAAGGTGGTGAATTGGAATGTGAACTCATGATAGATAGATTgATGGTAGATAGATAGAtGGTAGGTAGATAGATAGATAGATAGATAGATAGATAGATAgATAGAtgATGTATAtttgAATATATACACAaTtTTTTtagNNNNNNNNNN

D4S2408

19 repeats (19,19)

>Oct34\_05\_4794\_#21736#D4Scos\_TM4063.ab1

NCTTCATTTCCATAGGGTAAGTGAAAAAAATTTAGCAAGTTAAGAAGTTCTATATTTAAGGTACATAACAGTTCAATAGAAAGCATCTATCTACCCATCTATCTGTCTGTCTATCTATNTATCTATCTATNTATCTATCTATCTATCTATCTACCTATCTCATGGTTACCCTTtCTCAGTCATTTCAGTGGATGAATTGAAGTTGAAATTTTATTATTGATTTACTTATTCTGGTATATGTATATCAAATTCCATATGTACAATATTTATACAAACAAtNataaAAAATATttatagtGTCTTAATATANgTAAGcaNctcTAagagNNNNN

D19S245

21 repeats (21,21)

>Oct38\_02\_4794\_#21737#D19Scos\_TM4067.ab1

NNNNNNNNNNNGACCTGCAATCAGCCATTTAATGGTCTTTACTTGTAAATATGGGGATANTGNNNNNNNCNNNGANNANNNTCAGATGAGACCAGTCACCTGCCTNAGTCACACTTCTCCCCTNGATTATGCTGGTAGAGCACTAAGACCACCNGGCATGCCAACGTTCCCATCTATCTATCTATCTATCTATCTATCTAtCTATCTATCTATCTATCTATCTATCTATCATCTATCTATCTATCTATCTATCTATCCATCTGTCATCTGTCtGtCTGTGTaTCtGtTtatcttcttttNNNAANNAAAANNNNNNANNNN