

Unravelling Heterogeneity of Amplified Human Amniotic Fluid Stem Cells Sub-Populations

Francesca Casciaro ^{1,2,3}, Silvia Zia ⁴, Mattia Forcato ⁵, Manuela Zavatti ¹, Francesca Beretti ¹, Emma Bertucci ⁶, Andrea Zattoni ⁷, Pierluigi Reschiglian ⁷, Francesco Alviano ⁸, Laura Bonsi ⁸, Matilde Yung Follo ², Marco Demaria ³, Barbara Roda ^{7,*} and Tullia Maraldi ¹

- ¹ Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena, 41124 Italy; francesca.casciaro3@unibo.it (F.C.); manuela.zavatti@unimore.it (M.Z.); francesca.beretti@unimore.it (F.B.); tmaraldi@unimore.it (T.M.)
 - ² Cellular Signalling Laboratory, Department of Biomedical and Neuromotor Sciences, University of Bologna, Bologna, 40125, Italy; matilde.follo@unibo.it
 - ³ European Research Institute for the Biology of Ageing (ERIBA), University Medical Center Groningen (UMCG), University of Groningen, Groningen, 9713, The Netherlands; m.demaria@umcg.nl
 - ⁴ Stem Sel srl., Bologna, Italy; silvia.zia@stemsel.it
 - ⁵ Department of Life Sciences, University of Modena and Reggio Emilia, Modena, 41124, Italy; mattia.forcato@unimore.it
 - ⁶ Department of Medical and Surgical Sciences for Mothers, Children and Adults, University of Modena and Reggio Emilia, Azienda Ospedaliero Universitaria Policlinico, Modena, 41124, Italy; emma.bertucci@unimore.it
 - ⁷ Department of Chemistry "G. Ciamician", University of Bologna, Bologna, 40125 Italy; andrea.zattoni@unibo.it (A.Z.); pierluigi.reschiglian@unibo.it (P.R.)
 - ⁸ Unit of Histology, Embryology and Applied Biology, Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna, Bologna, 40125, Italy; francesco.alviano@unibo.it (F.A.); laura.bonsi@unibo.it (L.B.)
- * Correspondence: barbara.roda@unibo.it; Tel.: +39-051-209-9450

Supplementary Figures

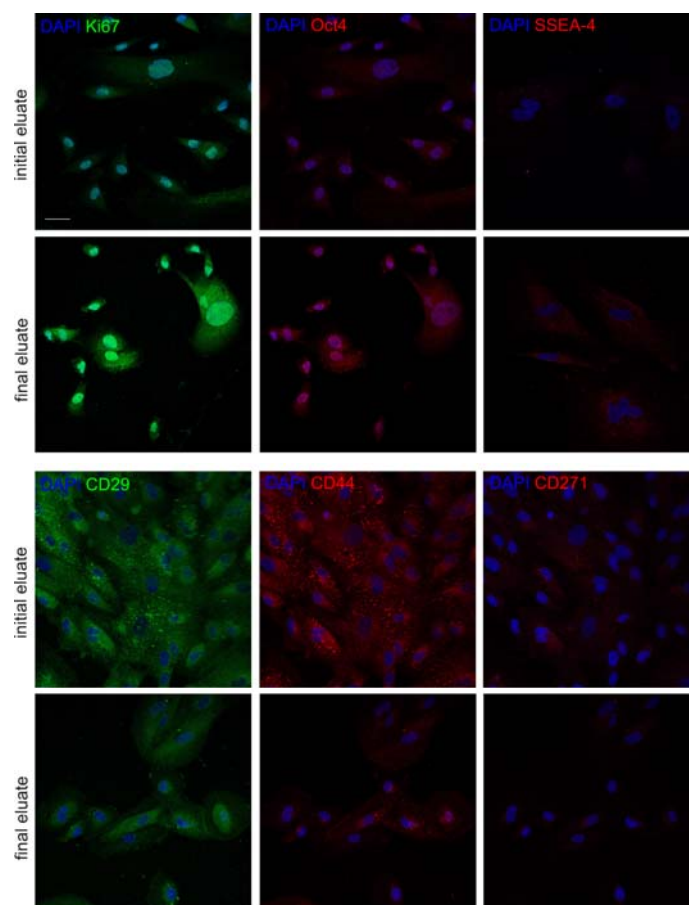


Figure S1. Evaluation of stemness markers of hAFSCs fractions. Representative confocal images (and magnifications) of initial or final eluates of hAFSCs labelled with DAPI (blue), anti-Ki67 and anti-CD29 in green and anti-Oct4, anti-SSEA-4, anti-CD44 and anti-CD271 in red. Bar = 10 μ m.