



Single-cell qPCR and RNASeq

Cells are the basic building blocks of organisms and each cell is unique. The single cell era we are approaching is expected to lead to new insights into biology, novel discoveries and possibly even challenge some dogmas. Particularly exciting will be the new possibilities to characterize cell types and study their differentiation, proliferation and function.

Molecular Aspect of Medicine publishes issue of reviews on single cell profiling
Editorial by Mikael Kubista and Anders Ståhlberg



Molecular Aspects of Medicine

Available online 24 August 2017

In Press, Corrected Proof — Note to users

Editorial

The secrets of the cell

Mikael Kubista   Jacqueline Dreyer-Lamm Anders Ståhlberg

Selected reviews:

Single-cell RNA sequencing: Technical advances and biological applications

Eva Hedlund ^a, Qiaolin Deng ^b  

Technical aspects and recommendations for qPCR

Anders Ståhlberg ^a  , Mikael Kubista ^{b, c}

Identifying cell populations with scF

Tallulah S. Andrews, Martin Hemberg  

Tools for single cell profiling

Fast and easy 1-tube cell lysis and reverse transcription of 1-500 cells

[TATAA PreAmp GrandMaster Mix](#)

Run your pre-amplification with ultimate efficiency and sensitivity, for small samples, when looking at low expressed genes or when highly concentrated RNA is needed

[TATAA GrandPerformance Assays – Cancer Panel](#)

Highly sensitive and extensively optimized qPCR assays for optimum performance, preamp validated to not introduce bias

[MALBAC Single Cell WGA Kit](#)

Whole Genome Amplification for Single Cell(s), Picogram to Sub-nanogram Quantities of gDNA

>[Comparison of whole genome amplification techniques for human single cell exome sequencing \(PLOS 2017\)](#)

[ValidPrime](#)

A cost efficient method that replaces the need to perform no reverse transcriptase (RT(-)) controls to test for the presence of genomic DNA (gDNA)

[Webinar: Single Cell Expression Profiling](#)

Do you want to learn more about single cell profiling?

Join us at Single Cell Europe 2018!



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