

Research &
Pharma Solutions

Single-Cell RNA Sequencing Product Comparison



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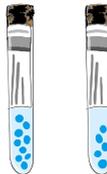
Find the Right Single-Cell RNA Sequencing Product for Your Research Question

Single-cell RNA sequencing allows you to look at the gene expression of thousands of individual cells, helping you to understand a system's components in a whole new way. CeGaT offers two different Single-Cell RNA Sequencing products: 3' Single-Cell RNA Sequencing (3' SCR) and Single-Cell RNA Sequencing Flex (SCR Flex). 3' SCR is suitable for fresh frozen single-cell suspensions. In contrast, cells can be fixed or even FFPE material can be used for SCR Flex. While the 3' SCR assay uses poly-(dT)-primers for the reverse transcription, the SCR Flex assay is probe-based, resulting in different transcriptome targets. The inserts of the final libraries represent either the 3' ends of the mRNA (3' SCR) or protein-coding genes (SCR Flex).

Do you have any questions or are you interested in our service? Feel free to contact us. We are happy to advise you!

3' Single-Cell RNA Sequencing

Starting material



Frozen single-cell suspensions

Single-Cell RNA Sequencing Flex



FFPE scrolls or fixed cells

Library preparation



Poly-(dT)-primers for reverse transcription



Probe hybridization

Final library



Insert representing 3'-ends of mRNA



Insert representing protein-coding genes

Figure 1 | Comparing 3' SCR and SCR Flex. The differences between the two Single-Cell RNA Sequencing (SCR) products are highlighted.



We invite you to take a look at our website.
www.cegat.com/single-cell-rna-sequencing