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(54) Title: METHODS FOR THE SELECTIVE ANALYSIS OF CELLS OR ORGANELLES

(57) Abstract: The present invention relates to a method for the selective analysis of a subpopulation of cells or organelles based determining the level of at least one cell or organelle marker, via the implementation of an adapted DNA toolbox able to convert the presence of a cell or organelle marker into a signal. This method is particularly useful for selecting cells or organelles having a phenotype of interest, analyzing the proteins of said cells or organelles and/or sequencing the DNA and/or RNA of said cells. The present invention also relates to a kit for implementing the method of selective analysis of cells or organelles as defined above.

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