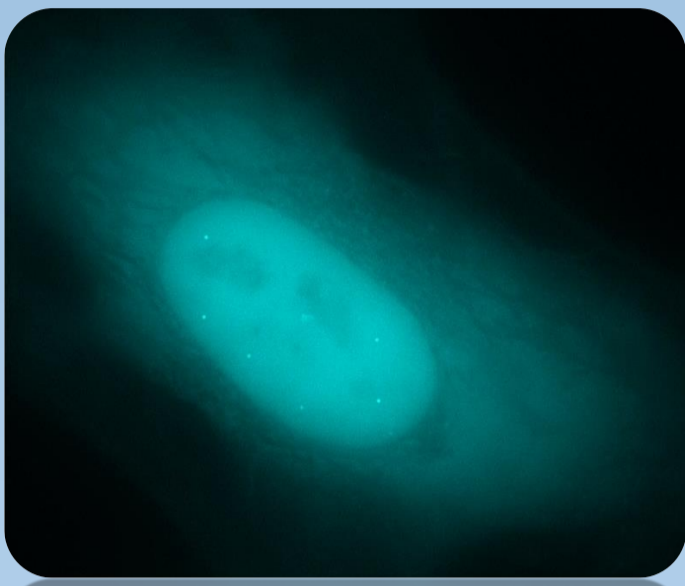


# ANCHOR Lenti-ONE

The ANCHOR technology developed by NeoVirTech allows the real-time visualization and quantification of vector genomes in living cells. GEG Tech has successfully combined this technology with their powerful vectorization systems and generated a new generation of auto-fluorescent lentiviral vectors.

This technology is available to their clients and provides new services in order to exploit this powerful solution. GEG Tech remains committed to its customers to design new gene transfer solutions and deliver breakthrough innovations.

➔ Video of live-tracking of the vector in living cells [here](#)



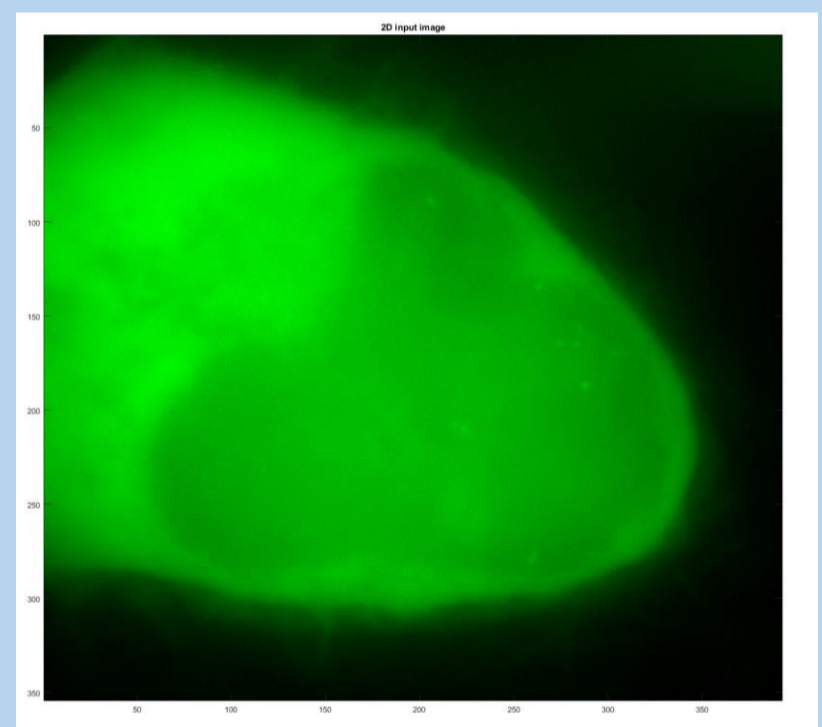
Single or multiple cell analysis allowing to:

- Optimize your transduction conditions
- Evaluate the biosafety of your protocols by detecting lentiviral genome in cells
- Identify and select the cell population with the intended number of copies

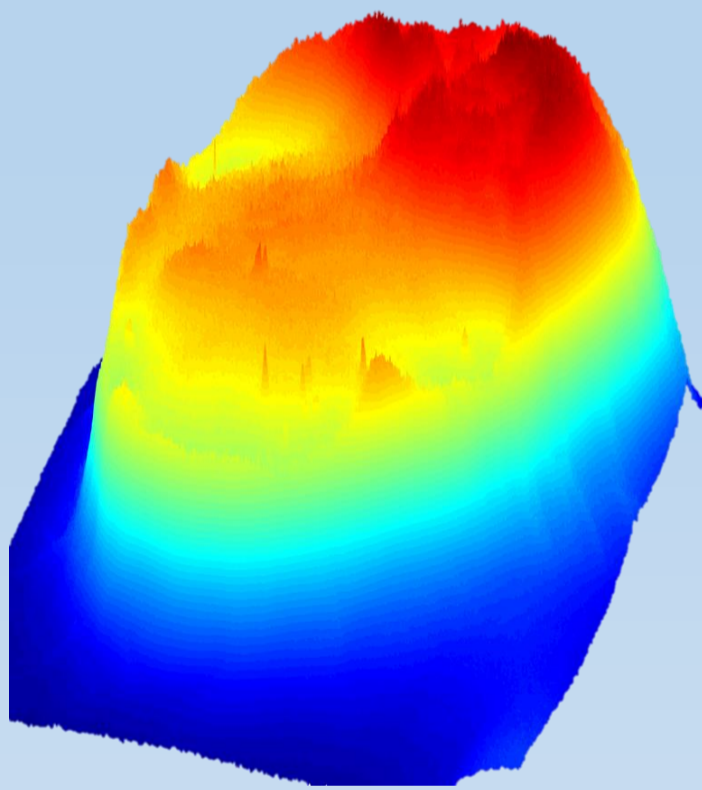
## Example of cell analysis with ANCHOR – Lenti-ONE

Knowing the exact number of lentiviral genome copies per cell has never been easier

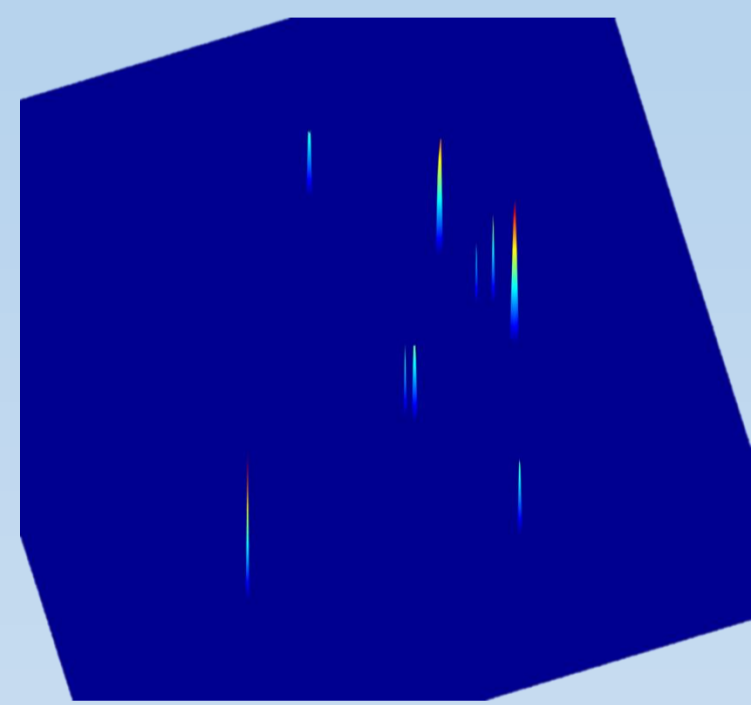
With ANCHOR – Lenti-ONE, you can easily visualize and quantify the number of copies in your living cells after transduction.



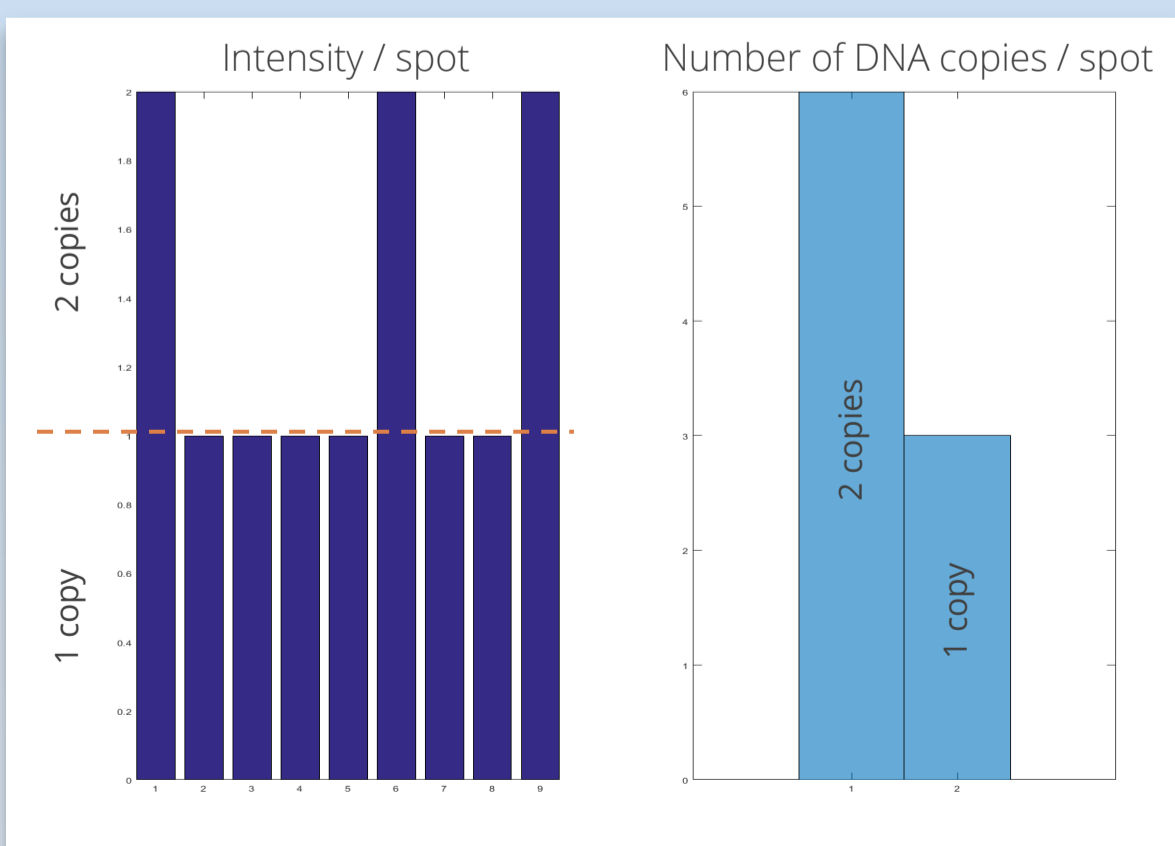
2D view of the cell. Spots correspond to integration sites



Input 3D view



Output 3D view



In this cell, you can see 12 copies of lentiviral genomes spread over 9 integration sites (spots):

- 3 with 2 integrations
- 6 with a single integration.

You can monitor them in time or isolate the cells with the intended copy number of Lenti-ONE DNA genomes

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