

# Monomeric variants of the tetrameric eqFP611

**What:** *Asset acquisition, assignment of patent*

**For whom:** *Strong development & marketing partner in this field*

## Technology

- New monomeric red fluorescence Variant of the Tetrameric eqFP611 with large Stokes shift <47 in red spectrum between 557 and 630 nm and the application in biology in particular live-cell imaging .
- Benefits for assignee
  - Full control over patent in Ep, US and JP
  - Technology and market securing
  - New fluorescent protein with application advantages in the application (monomer is small) and fluorescence shift is big between exciting light and emitting light.

## Innovation

- The monomer variant of the fluorescence protein is easier to use in living cells for the size of the monomer less hinders access to target structures.

## Application

- Application in molecular biology research concerning intracellular processes and signaling. Fluorescence protein is easy to be connected with target structures.

## Developmental Status

- Lab tests, and Prototype

## Responsible Scientist

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## Branch

Health care, Biotechnology, Research

## Patent Status

EP. US patent granted

## Reference Number

PVAUIm482

**Status: Aug-13**



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