

## Supporting information

### SI- 1 FTIR spectra of PEGs samples.

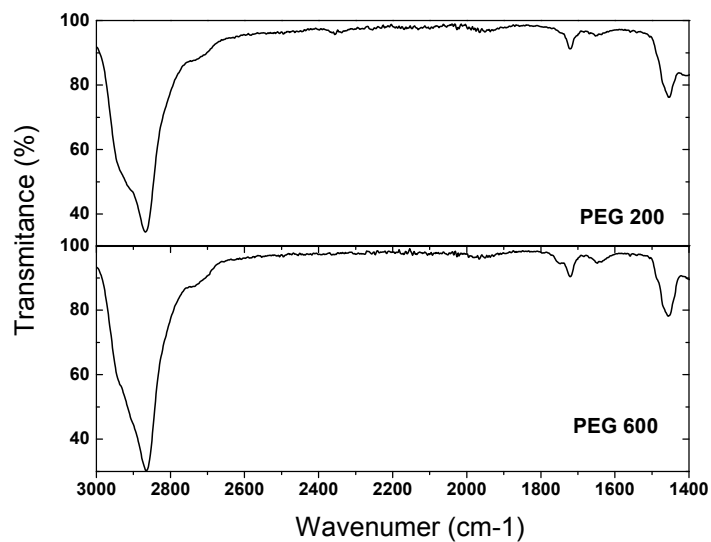
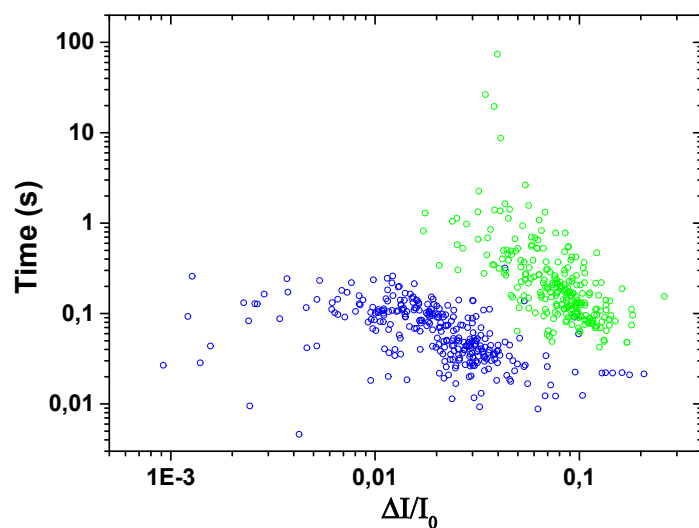


Figure SI1 : FTIR spectra of PEGs samples.

### SI- 2 Map of the translocation events



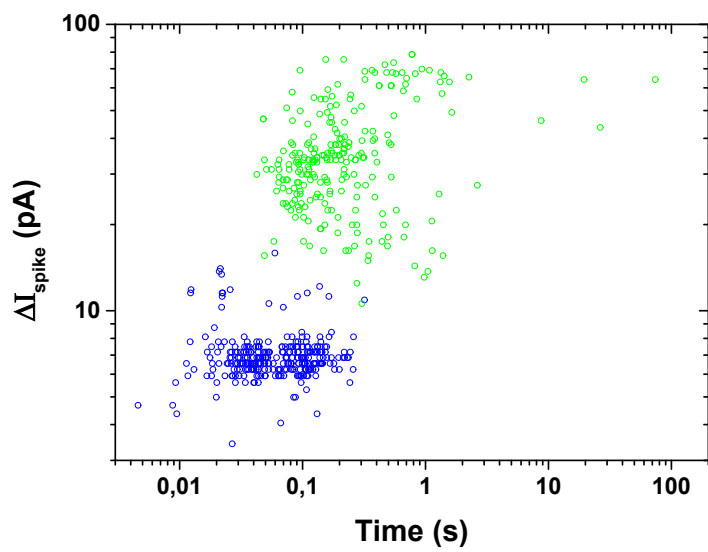


Figure S12 : Map of the translocation events as a function of 2 among the 3 experimental parameters