

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: GenBank files of all plasmid's sequences in this research.

File name: Supplementary Data 2

Description: An Excel file for statistical parameters including the number of movies, cells, and independent replicates as well as *p* values.

File name: Supplementary Movie 1

Description: Simultaneous dual color imaging of single SNAPf-KOR molecules (≈ 0.5 copies/mm²) in the PM at 37 °C, recorded at video rate for 100 frames (3.3 s) and replayed at a 3x-slowed rate from real time. The movie on the right shows the results of the automatic detection of colocalized spots (yellow squares) in the movie on the left.

File name: Supplementary Movie 2

Description: A typical colocalization event of two single SNAPf-KOR molecules in the PM (yellow circles) shown by expanded image frames, replayed at a 30x-slowed rate from real time.