

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Cellular uptake of 5'-AF647 iSyn-EGFP mRNA and expression of EGFP.

File Name: Supplementary Movie 2

Description: Cellular uptake of 5'-AF647 iSyn-EGFP mRNA (single cells).

File Name: Supplementary Movie 3

Description: 5'-AF647 iSynEGFP mRNA dynamics in single cell.

File Name: Supplementary Movie 4

Description: 5'-AF647 iSynEGFP mRNA split during cell division.

File Name: Supplementary Movie 5

Description: 5'-AF647 iSynEGFP mRNA localisation in single cell.

File Name: Supplementary Movie 6

Description: 5'-AF647 iSynEGFP mRNA localisation in single dividing cell.