Fig. 1: Microscopic observations of MEFs (mouse embryonic fibroblasts) transfected with Drp1-YFP, co-stained with mitotracker red and DAPI, by using Viromer® YELLOW

- Overnight transfection
- 6-well plate format, standard protocol

Data from A. Goldman, Prof Atan Gross Lab, Weizmann Institute of Science (Israel)
MEF: transfection of plasmid DNA

Fig. 2: Transfection of a plasmid coding for an outer mitochondrial membrane protein tagged with GFP in MEFs (mouse embryonic fibroblasts) using Viromer® RED

>> GFP signal co-localizes with mitotracker red CMXRos

Data from A. Goldman, Prof Atan Gross Lab, Weizmann Institute of Science (Israel)
Fig. 3: 3D rendering of MEFs (mouse embryonic fibroblasts) transfected with a plasmid DNA coding for an outer mitochondrial membrane protein using Viromer® RED

Mitotracker red CMXRos

>> GFP signal co-localizes with mitotracker red CMXRos

Data from A. Goldman, Prof Atan Gross Lab, Weizmann Institute of Science (Israel)
Fig. 4: Expression of GFP in MEFs (mouse embryonic fibroblasts) after plasmid transfection with Viromer® RED

- Standard conditions in 24-well (500ng DNA/well)

Data from K. Devi Selvasaravanan, Stattorst’s Lab, Institute of Biochemistry, University of Tübingen (Germany)
Fig. 5: Transfection efficiency (% of GFP positive cells) and cell viability after transfection of MEFs (mouse embryonic fibroblasts) using Viromer® RED and Viromer® YELLOW

- MAX: approx. 20% efficiency with Viromer® RED
- No toxicity

Anonymous data