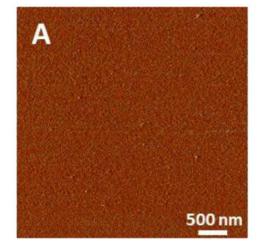
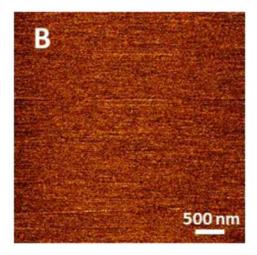


**Figure S2:** AFM images and cross-section profiles of *E.coli* lipid extract vesicles incubated 30 minutes on mica substrate, by tapping mode (A) and contact mode (B). The images size is  $0.5 \times 1.5 \mu m$ . Height value for *E.coli* lipid patches by tapping mode is 3-4 nm, and height value by contact mode is about 0.5 nm.

1 2

## Supplementary data





**Figure S1:** AFM images (5  $\mu$ m x 5 $\mu$ m) in contact mode of freshly cleaved mica surface before lipid vesicle incubation. A) Vertical deflection images; B) Height images (color scale: 0 - 1 nm).