

Description of Additional Supplementary Files

Supplementary Data 1: Thirty-nine RNA molecules identified as enriched in Lp-EVs.

Supplementary Movie 1: related to Supplementary Figure 3A

3D Confocal Time-Lapse Movie of a U2OS Sec61 β -GFP cell infected with *L. pneumophila* labelled with DiD dye. The movie shows during a time course of 18 min (one image every 30 sec) a DiD-stained *L. pneumophila* bacterium (in white) that sheds several potential Lp-EVs during infection.

Supplementary Movie 2: related to Supplementary Figure 3B

3D Confocal Time-Lapse Movie of a U2OS cell labelled with Rab5 and Rab7 CellLight and incubated with DiD-labelled Lp-EVs purified from *L. pneumophila* wt grown until post-exponential phase ($OD=4.2$). The video shows during 20 min (one image every minute) a single Lp-EV contained within a red Rab5 early endosome that is progressively matured to a green Rab7 late endosome.