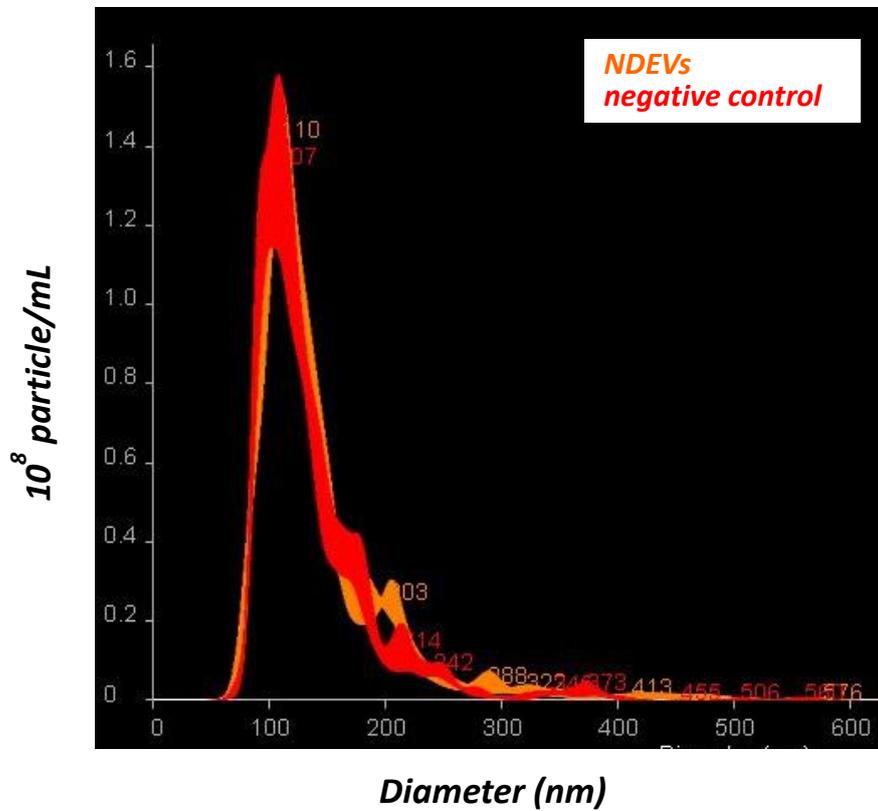


**Supplementary Figure 1: NTA analysis of NDEVs** Representative outcome of NTA on neuronal derived small EVs suspension and its negative control is reported.



**Supplementary Figure 2: Representative Agilent 2100 Bioanalyzer results of EV derived RNA.**

