



Fig. S2. Korean Red ginseng extracts induce no changes of cell death and viral protein expression during other RNA viral infections; Human coronavirus-NL63 and Mumps virus.

A Cell death in A549 after HCoV-NL63 infection and Korean Red ginseng extracts treatment for 30h. Red indicates dead cells. Scale bar, 100 μ m. Images are representative of at least three independent experiments. **B** Quantification of the cell death in panel A. Data are mean \pm s.e.m. n.s, not significant (one-way ANOVA with Dunnett's multiple comparisons test; n=9 from three biologically independent samples). **C** Immunoblot analysis of HCoV-NL63 NP expression in

A549 after HCoV-NL63 infection and Korean Red ginseng extracts treatment. Data are representative of at least three independent experiments. **D** Cell death in A549 after mumps virus (MuV) infection and Korean Red ginseng extracts treatment for 30h. Red indicates dead cells. Scale bar, 100 μ m. Images are representative of at least three independent experiments. **E** Quantification of the cell death in panel D. Data are mean \pm s.e.m. ns, not significant (one-way ANOVA with Dunnett's multiple comparisons test; n=9 from three biologically independent samples). **F** Immunoblot analysis of MuV NP expression in A549 after MuV infection and Korean Red ginseng extracts treatment. Data are representative of at least three independent experiments.