

RMC-113 (µM)

Supplementary Fig. 2













LAMP-1-Autolysosome colocalization

b а N RMC-113 vs DMSO (Uninfected) Infected vs uninfected (DMSO) Treatment VHCs **Bystanders** ^{co} RMC-113 vs DMSO (Infected) Infection status hiah >3 low (1-3) zero DMSO 421 2649 5571 SARS-CoV-2 RMC-113 115 1363 6388 DMSO 0 0 1369 Uninfected RMC-113 0 0 1833 d ATG 14 ((log₂ (CPM+1)) **O** p=0.79 p=1.24e-14 (CPM+1)) 10 . p=0.78 p=2.06e-23 p=9.83e-13 8 8 p=0.006 MTOR 6 WDFY3 ((log₂ ULK1 Initiation ATG13 RB1CC1 2 2 BECN1 0 ATG7 onso + AMC.773+ RMC, 773+ ONGO 1. 1 RMC 73 1 RMC, 73.1 + OSMO OMSO +. ATG10 ATG12 ATG16L1 longatior Uninfected Uninfected Infected Infected MAP1LC3B f е MTOR ULK1 ATG13 SQSTM1 MTOR ULK1 ATG13 H WDFY3 ÷ RBICC NBR1 RBICC Ĥ **BÉČŇ**I ĈÑ TAX1BP1 ATG 4 LAMP2 ATG10 4 ATG12 ATG16L1 ATG12 TECPR1 ATG16 MAP1LC3B MAP1LC3B ATG14 STM SOSTM1 WDFY3 STX17 VAMP8 SNAP29 WDFY NBR NBR1 TAX1BP1 TAX1BP1 AMP2 LAMP FCPR TECPR1 RAB7A ATG14 ATG1 Fusion PLEKHM1 STX17 VAMP8 VAMP8 нÌ SNAP29 RAB7A GABARAP SNAP29 RAB7A VPS11 PLEKHM1 PI EKHM1 HOPS complex GABARAP VPS16 GABARAP VPS11 VPS16 VPS18 PS33A PS33B VPS39 VPS11 VPS16 VPS18 PS33A PS33B VPS18 VPS33A ÷# Ĥ VPS33B VPS39 VPS41 ΪHŀ VPS39 VPS41 44 VPS41 -2 0 -2 ż 0 ò -2 -1 1 -2 -1 Ò i ż log2 fold change -2 0 2 log2 fold change VHCs vs bystanders VHCs vs bystanders log2 fold change RMC-113 DMSO







Hydrolases



SARS-CoV-2 SARS-CoV-2