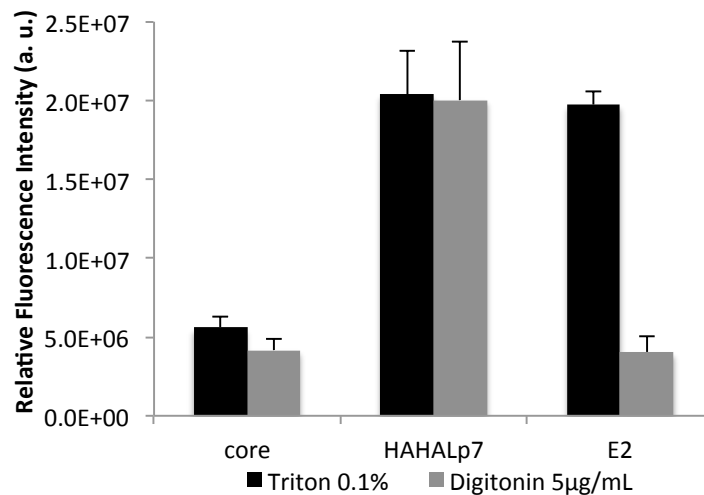
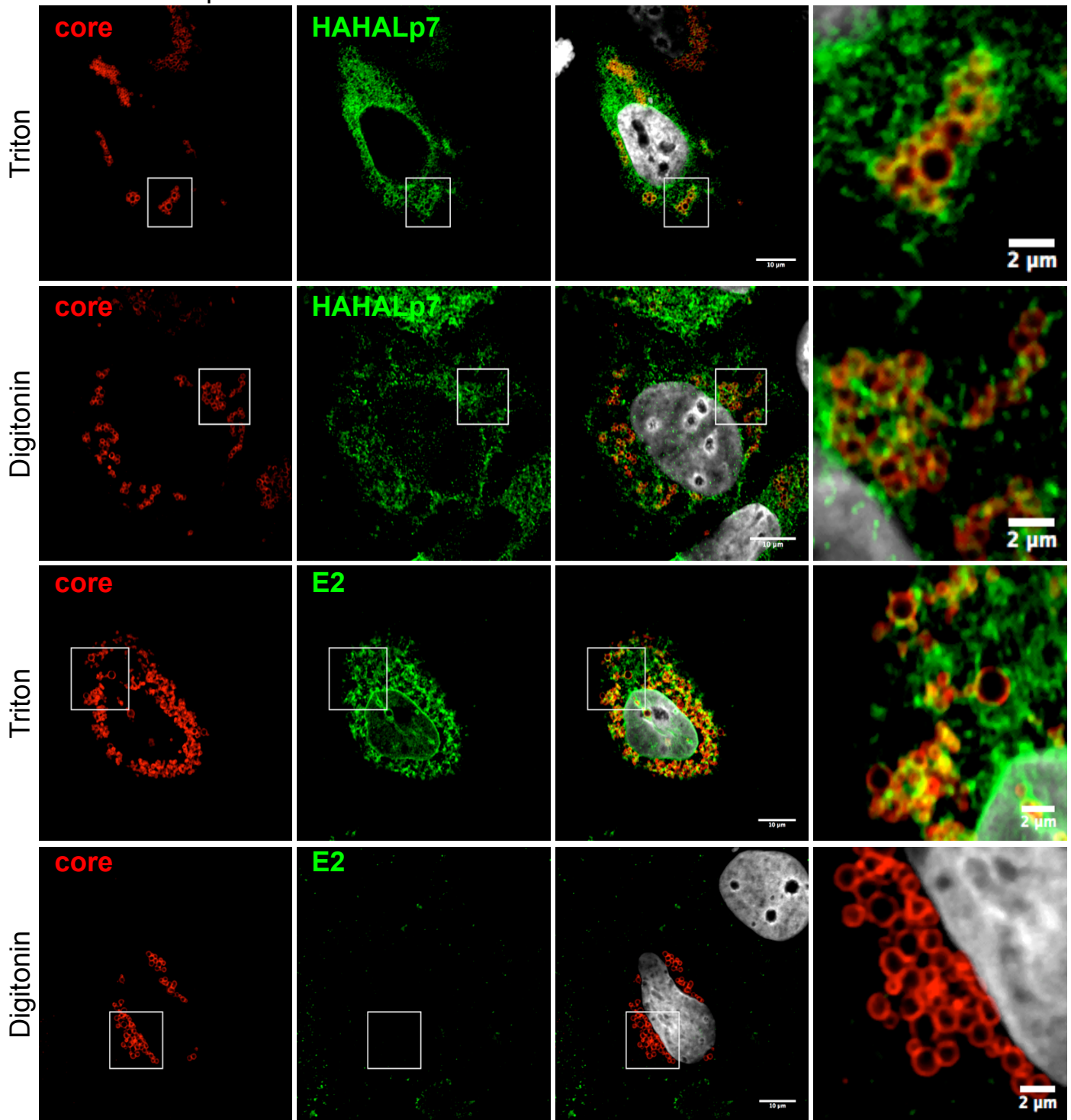
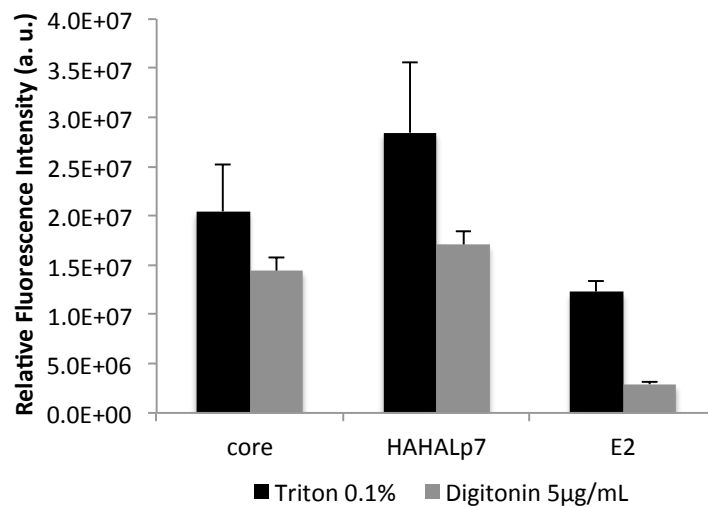
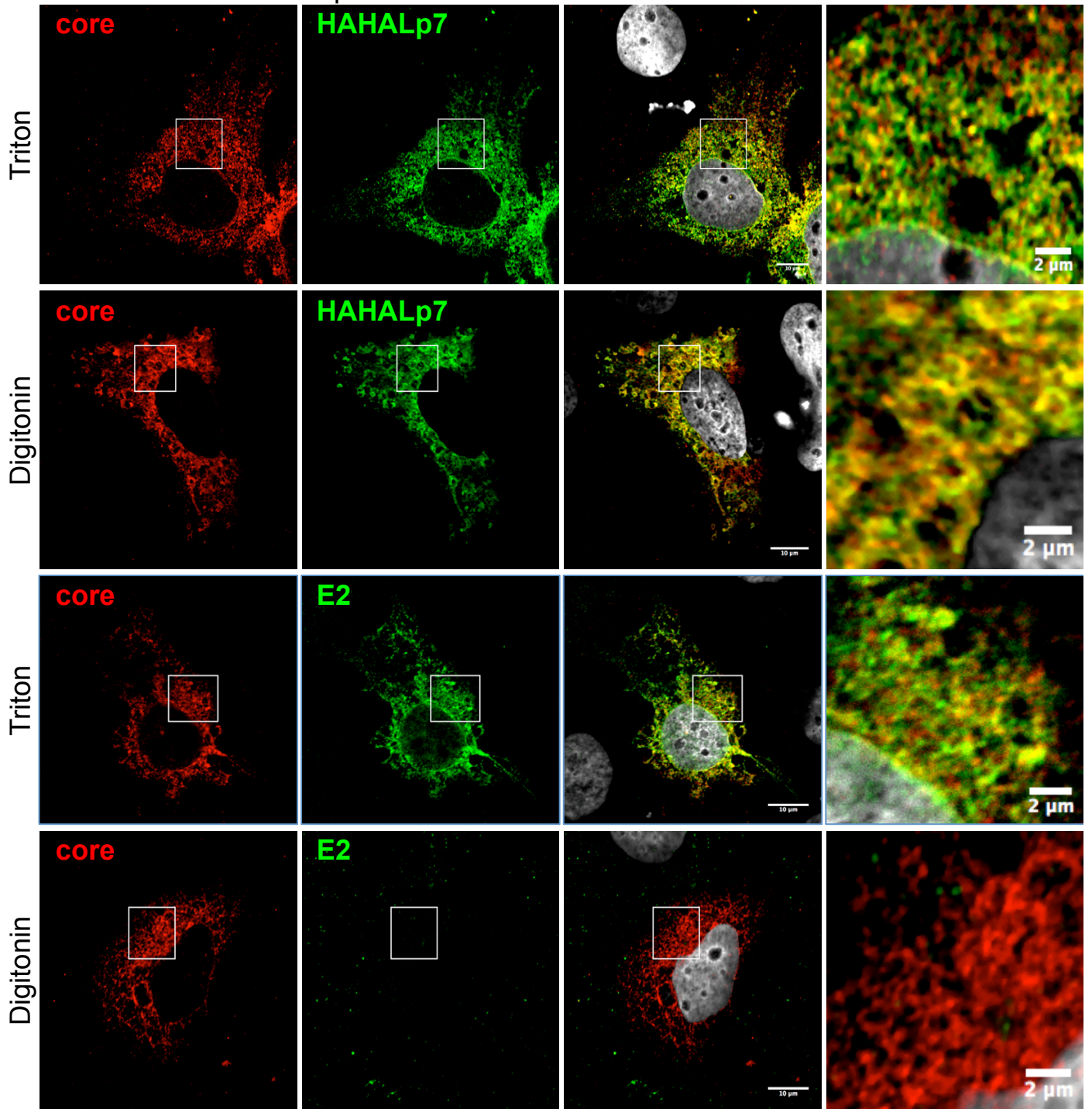


A JFH1 HAHALp7 virus



**B** C-E1E2 + noSPHAHALp7



C C-E1E2 +  $\Delta$ E2HAHALp7

