CA04\_ferret33 HA A513G syn HA C622A L208I 1.0 -HA\_G1071T\_syn HA\_C635A\_A212E HA C1584T syn HA\_A640G\_T214A HA\_C432A\_D144E HA A677C K226T HA\_A436G\_N146D HA\_C695T\_A232V HA\_G442A\_G148S HA\_C839T\_S280F HA\_A475G\_K159E HA\_G469A\_G157R HA\_G515A\_G172E HA\_G715A\_D239N HA\_T598C\_S200P HA\_A716G\_D239G 8.0 iSNV frequency 0.6 0.4 0.2 0.0 day1 day3 day5 day7 day9 day11 day13 day15 days post infection