

**Figure S1.** Examples of common carp showing clinical signs of carp pox disease (A, B) and koi herpesvirus disease (C, D). \*: Skin lesions (A, B) appearing as a thick mucus coat, caused by cyprinid herpesvirus (CyHV)-1 infection. Arrows: Gill necrosis (C) and skin ulceration (D) caused by CyHV-3 infection.

