**Figure 4 – source data 1:** Ferret influenza transmission studies via respiratory droplets using strains from gain-of-function experiments with H5N1 avian influenza and the reconstructed 1918 pandemic H1N1 strain. Transmission was determined using seroconversion (SC) and/or viral isolation (VI).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subtype** | **Virus** | **Successful transmissions – SC/VI (VI only)** | **Ferrets exposed** | **Reference** |
| **GOF H5N1** | HA(N158D/N224K/Q226L)/CA04 | **5(2)** | **6** | (Imai et al. 2012) |
|  | HA(N158D/N224K/Q226L/T318I)/CA04 | **6(4)** | **6** | (Imai et al. 2012) |
|  | HA(Q222L/G224S) PB2(E627K) – Passage 10 | **3** | **4** | (Herfst et al. 2012) |
| **1918 H1N1** | Unknown | **2** | **3** | (Imai et al. 2012) |
|  | A/South Carolina/1/18 | **3** | **3** | (Tumpey et al. 2007) |

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