(A) High NAbs

PBS
Ad5
Ad5+Xbp
(PBS control)

Low NAbs

PBS
Ad5
Ad5+Xbp

(B) FX depleted serum

PBS
Ad5
Ad5+Xbp

(C) C1q depleted serum

PBS
Ad5
Ad5+Xbp

* indicates significant difference compared to PBS control.
Supplementary Figure 1. Ad5 (2x10^{10} vp/mL) was incubated with media, human serum sample -/+ 40 µg/mL Xbp for 30 min at 37°C. Virus suspensions were diluted 200-fold in serum-free media and 100 µL added to cells for 2 h at 37°C, then replaced with media with 2% FCS. Transgene expression was quantified ~16 h post-transduction and relative light units (RLU) were normalized to mg total protein. The human serum samples were divided into those with high pre-existing neutralising IgG titres (high NAbs) and sera samples with low IgG titres which exhibited a dependence on FX for protection (low NAbs Group A). Samples were pooled accordingly and tested in the C3a ELISA as shown in Figure 4A. Media control (*p<0.05) or matched serum –Xbp conditions (#p<0.05) versus serum+Xbp.