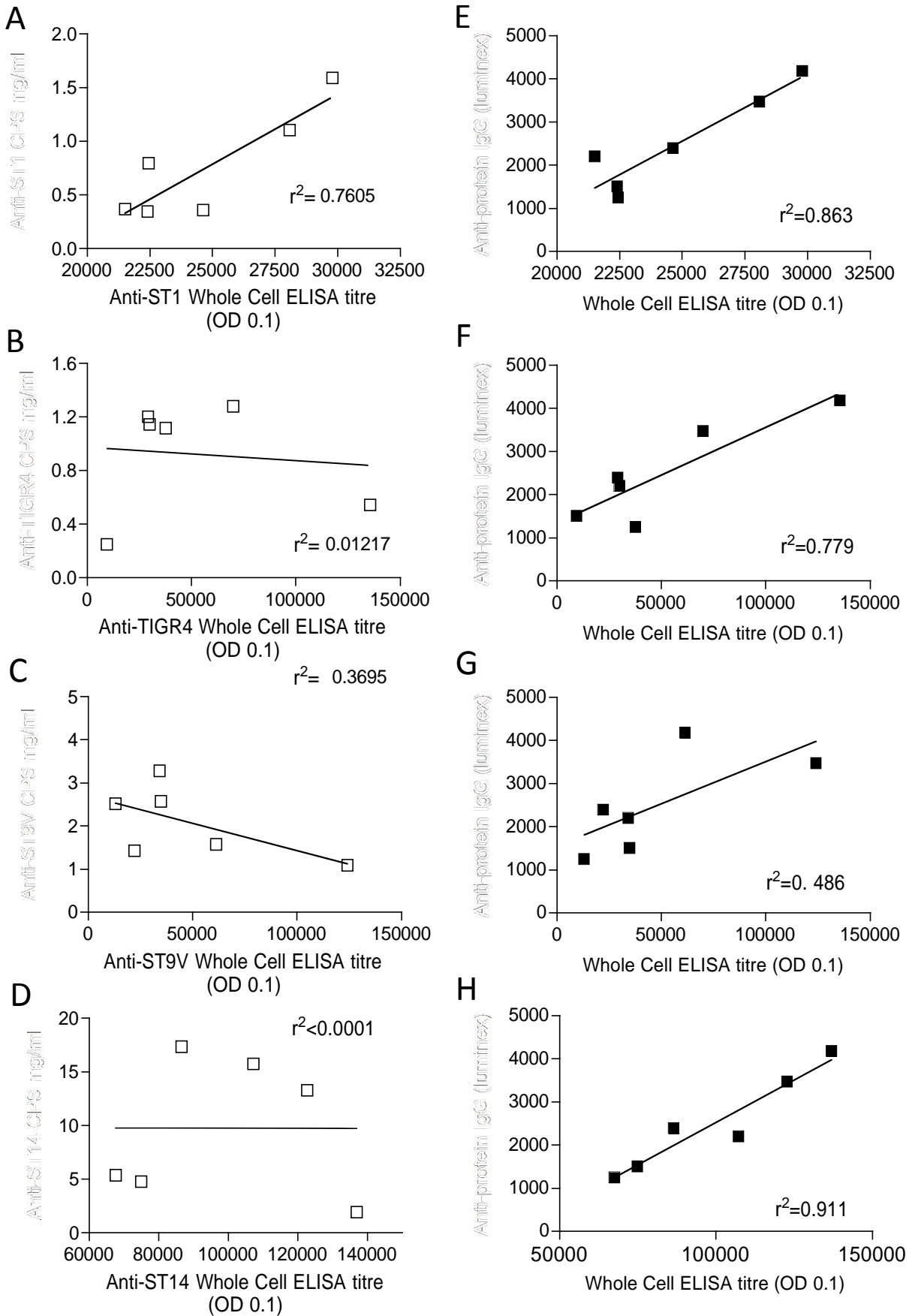


**Supplementary Figure 1.** Correlation between IgG binding in serum of individuals to total bacterial antigens (whole cell ELISA titres) with binding to either the homologous capsular polysaccharide (capsular ELISA titres, A-D) or with bacterial surface proteins (mean MFI for all protein antigens in the Luminex assay, E-H). R-squared values were obtained using F-tests.



**Supplementary Figure 2:** Cell counts in broncho-alveolar fluid 24 hours after challenge with  $10^7$  CFU *S. pneumoniae* TIGR4 in IVIG-treated and PBS-control mice.

