



**Figure 2 - Figure Supplement 3. Hierarchical clustering of phage variant based on  $F_N$  score**

Hierarchical clustering of phage variants based on their  $F_N$  score across *E. coli* 10G, BL21 and BW25113. Variants are shaded in white ( $F_N = 0$ ) to red ( $F_N = 2+$ ). Only variants with an  $F_N$  above the limit of detection on at least one host are included.