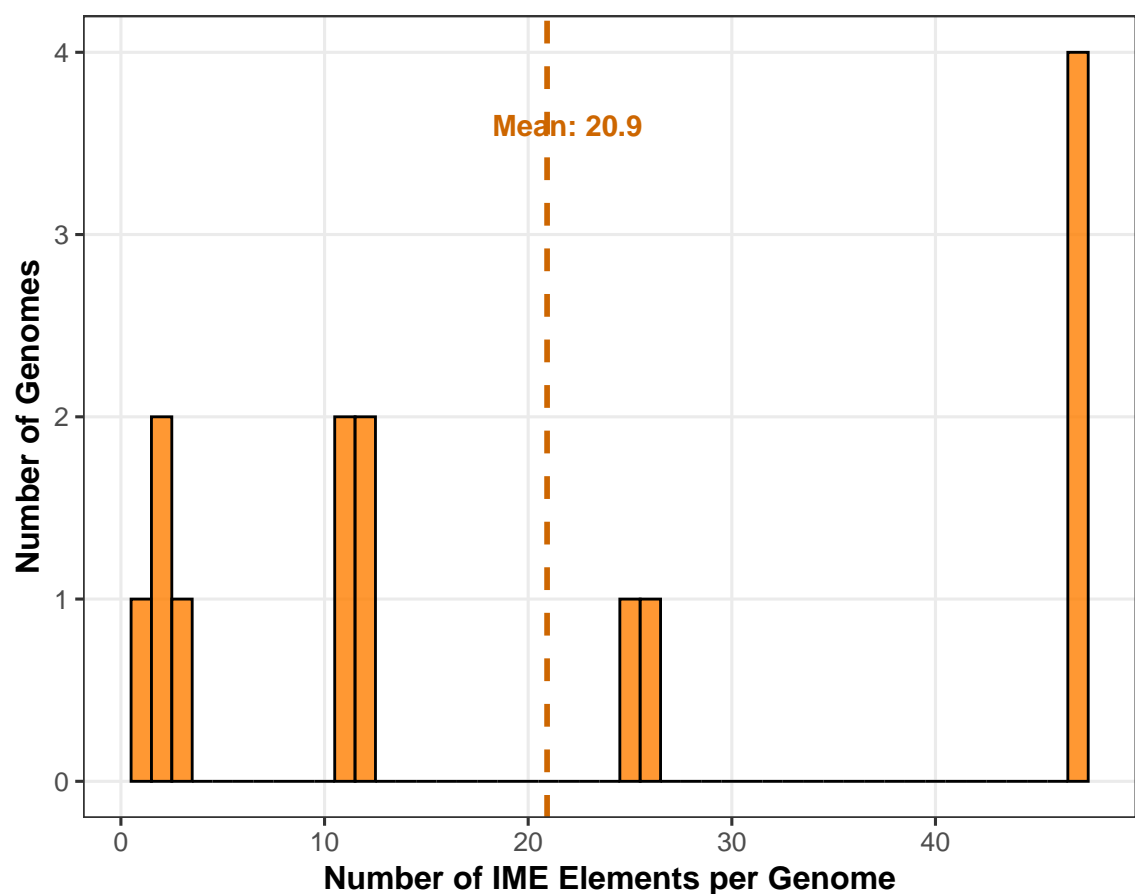
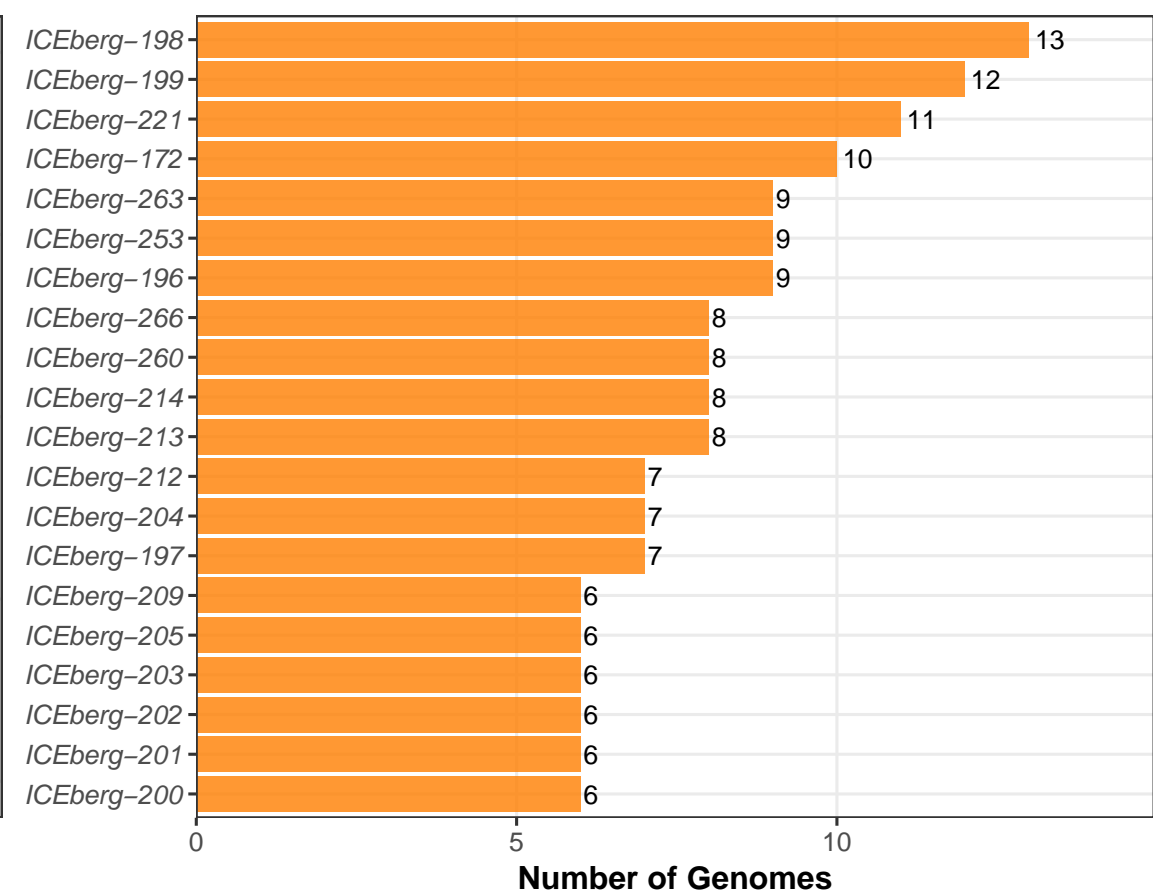


A. Distribution of IME Element Counts

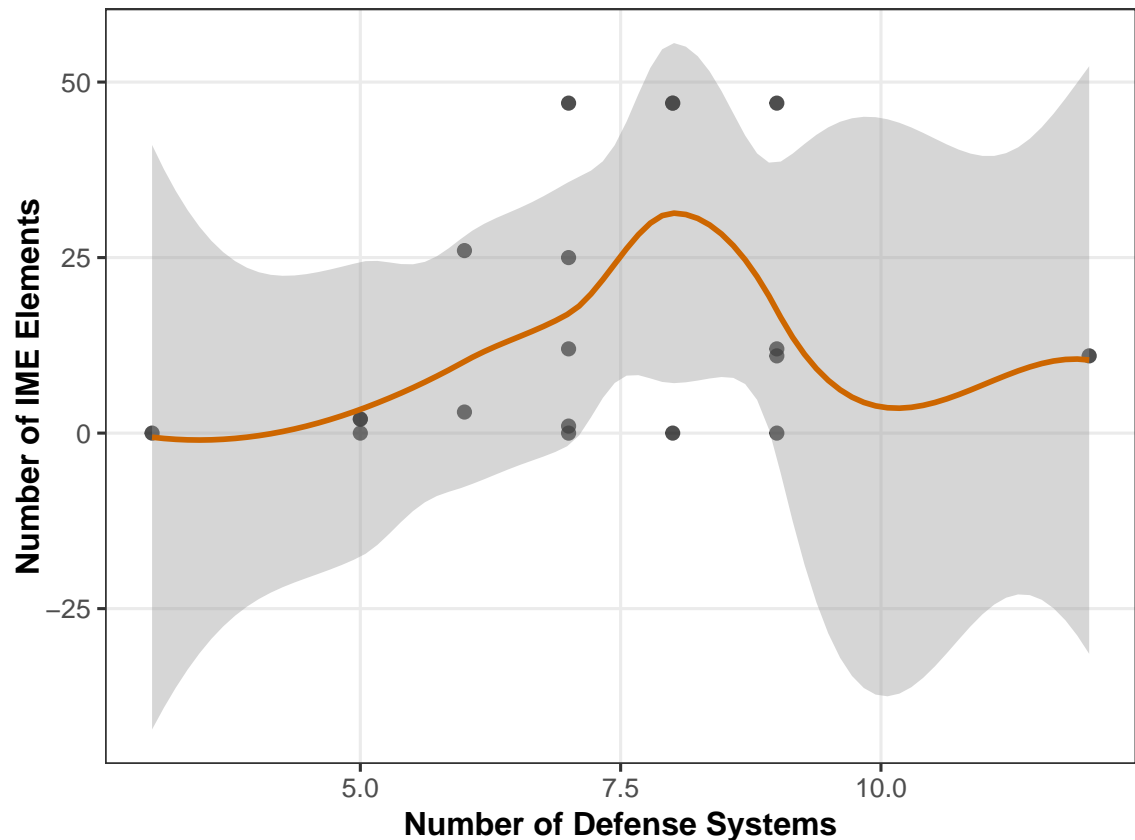


B. Top 20 IME Elements



C. Correlation Between Defense Systems and IMEs

Spearman's  $\rho = 0.32$ ,  $p = 0.1801$



D. Association Between Defense Systems and IME Proteins

