B. Top 20 IME Elements A. Distribution of IME Element Counts ICEberg-198 ICEberg-199 ICEberg-221 Medn: 20.9 10 ICEberg-172 ICEberg-263 9 3 -ICEberg-253 9 Number of Genomes ICEberg-196 9 8 ICEberg-266 ICEberg-260 8 ICEberg-214 ICEberg-213 8 ICEberg-212 ICEberg-204 ICEberg-197 ICEberg-209 6 ICEberg-205 6 ICEberg-203 6 ICEberg-202 ICEberg-201 6 0 -ICEberg-200 6

40

C. Correlation Between Defense Systems and IMEs

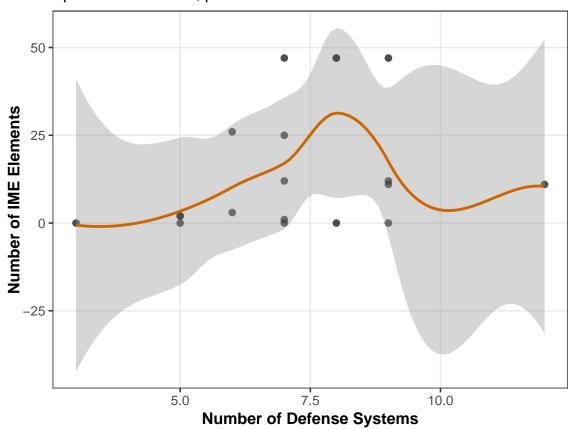
20

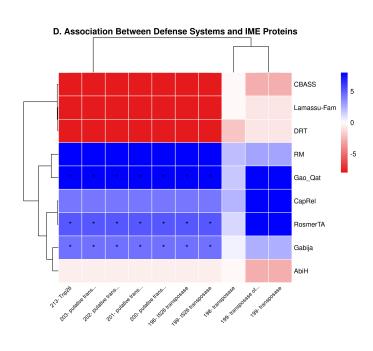
Number of IME Elements per Genome

30

Spearman's . = 0.32, p = 0.1801

10





5

Number of Genomes

13

12

11

10