B. Defense System Type Prevalence A. Defence System Count Distribution **Distribution of Defence System Counts per Genome Prevalence of Defence System Types** RosmerTA · 1.00 RMPD-T7-5-Cas-Shedu -0.75 Shango -Septu -Retron -Number of Genomes PsyrTA -PrrC Prometheus -PD-T7-3 -PD-T4-5 Olokun -Old_exonuclease -0.25 NLR -Gao_Qat -**CBASS**-Azaca -0.00 AbiD -5 10 13 0.5 1.0 2.0 0.0 1.5 11 **Number of Genomes Number of Defense Systems per Genome**