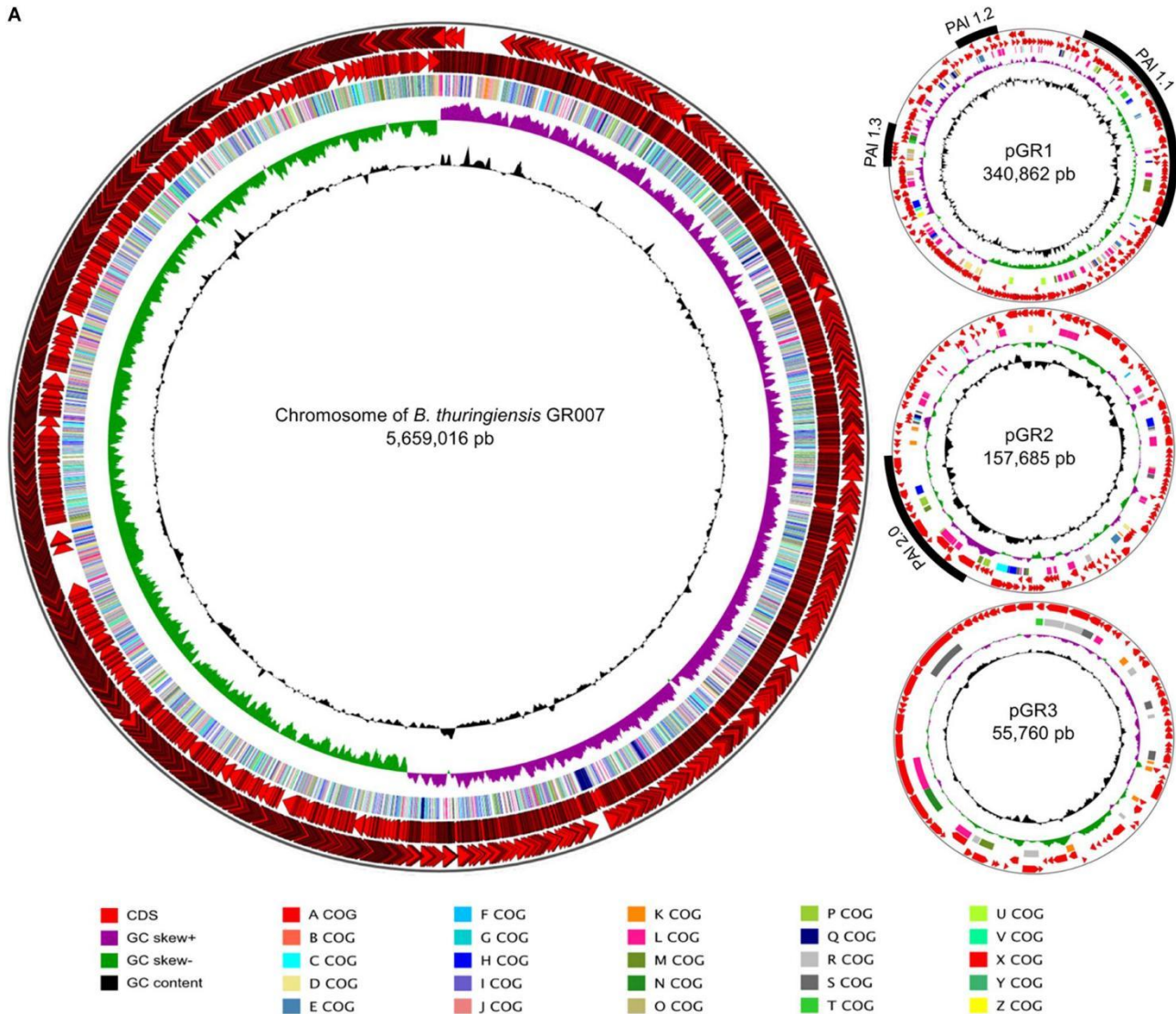


Furthermore, taxonomically restricted genes (TRGs) in *Bacillus* species, which are unique to specific lineages, have been identified and are thought to contribute to lineage-specific biological properties (Karłowski et al., 2023).

A



B

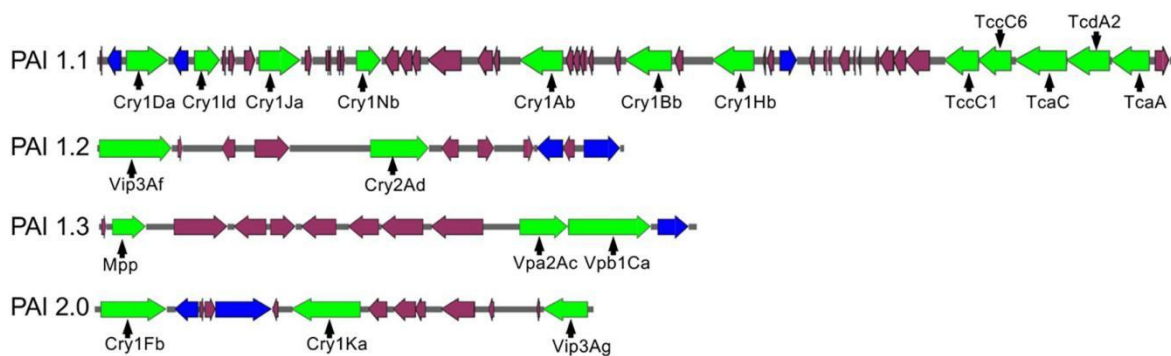


Figure 1 Genome of *B. thuringiensis* strain GR007. (A) Circular maps of chromosome and plasmids. The distribution of circles from outside to inside indicate CDS forward, CDS reverse, COG functional assignment, GC skew, GC content. The pathogenic islands (PAI) identified are indicated in the plasmids pGR340 and pGR157. (B) Representation of PAIs. Pesticidal proteins are represented in green arrows, transposases in blue arrows and additional ORF into the PAIs with purple arrows (Adopted from Pacheco et al., 2021)