

















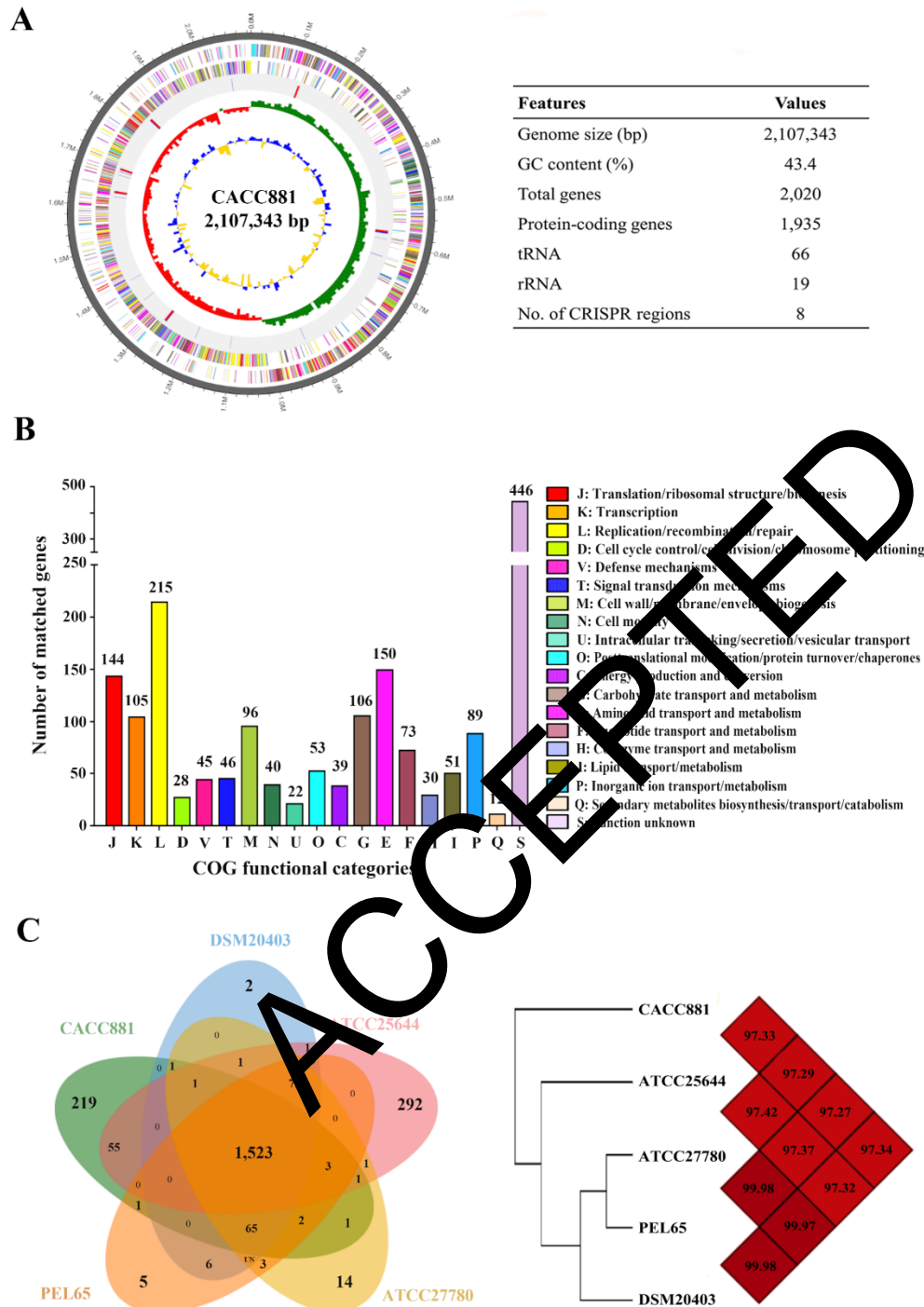








136 **Figure legends**



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139 Figure 1. Genomic features of *Ligilactobacillus ruminis* CACC881. (A) Circular genomic  
140 representation and features of *L. ruminis* CACC881. (B) Functional gene number of clusters of  
141 orthologous groups (COGs) categories. (C) Heatmap of orthologous average nucleotide identity  
142 (OrthoANI) and Venn diagram analysis of the genomes of five *L. ruminis* strains.