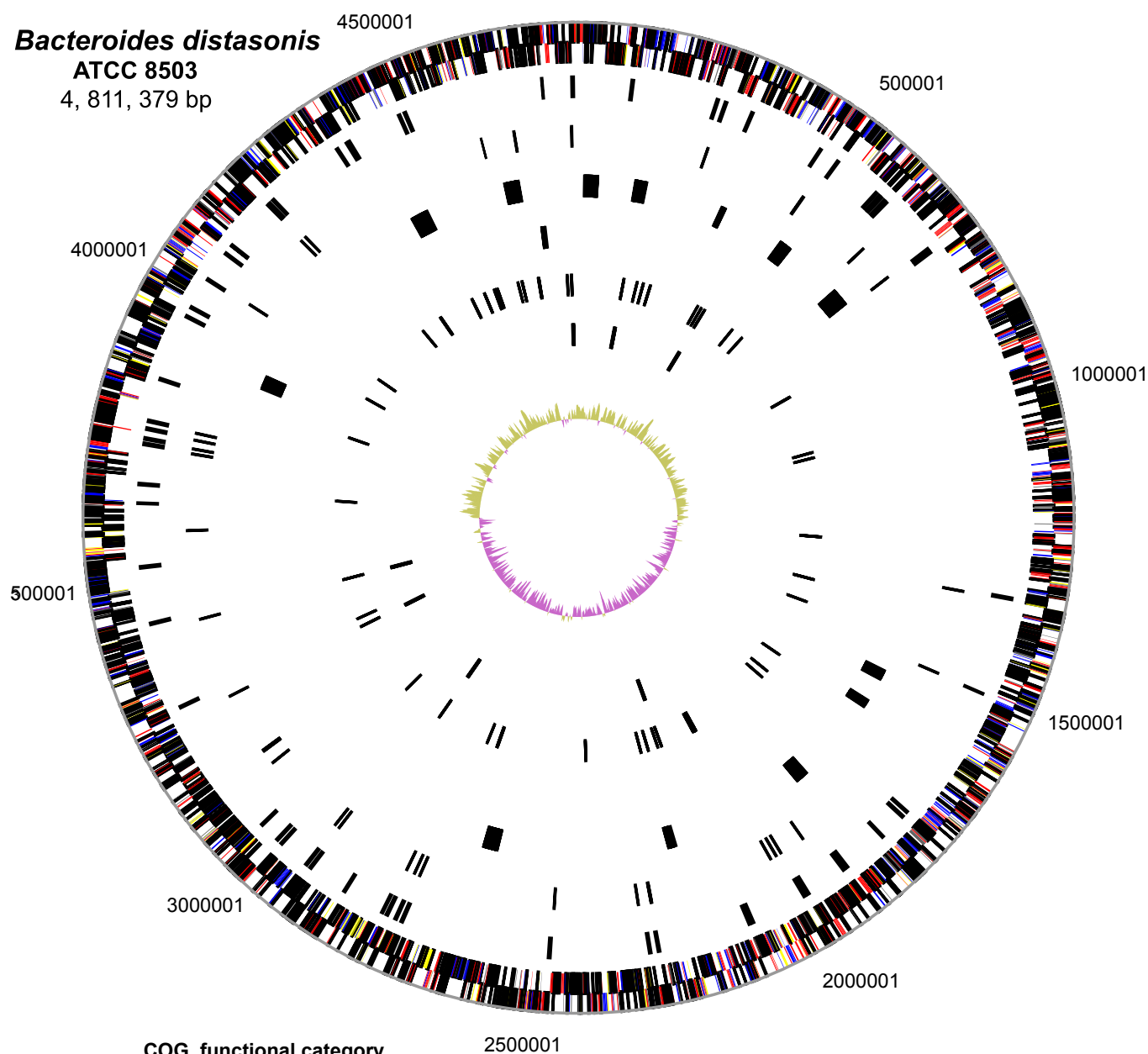


FIGURE S1A

Bacteroides distasonis

ATCC 8503

4, 811, 379 bp



COG functional category

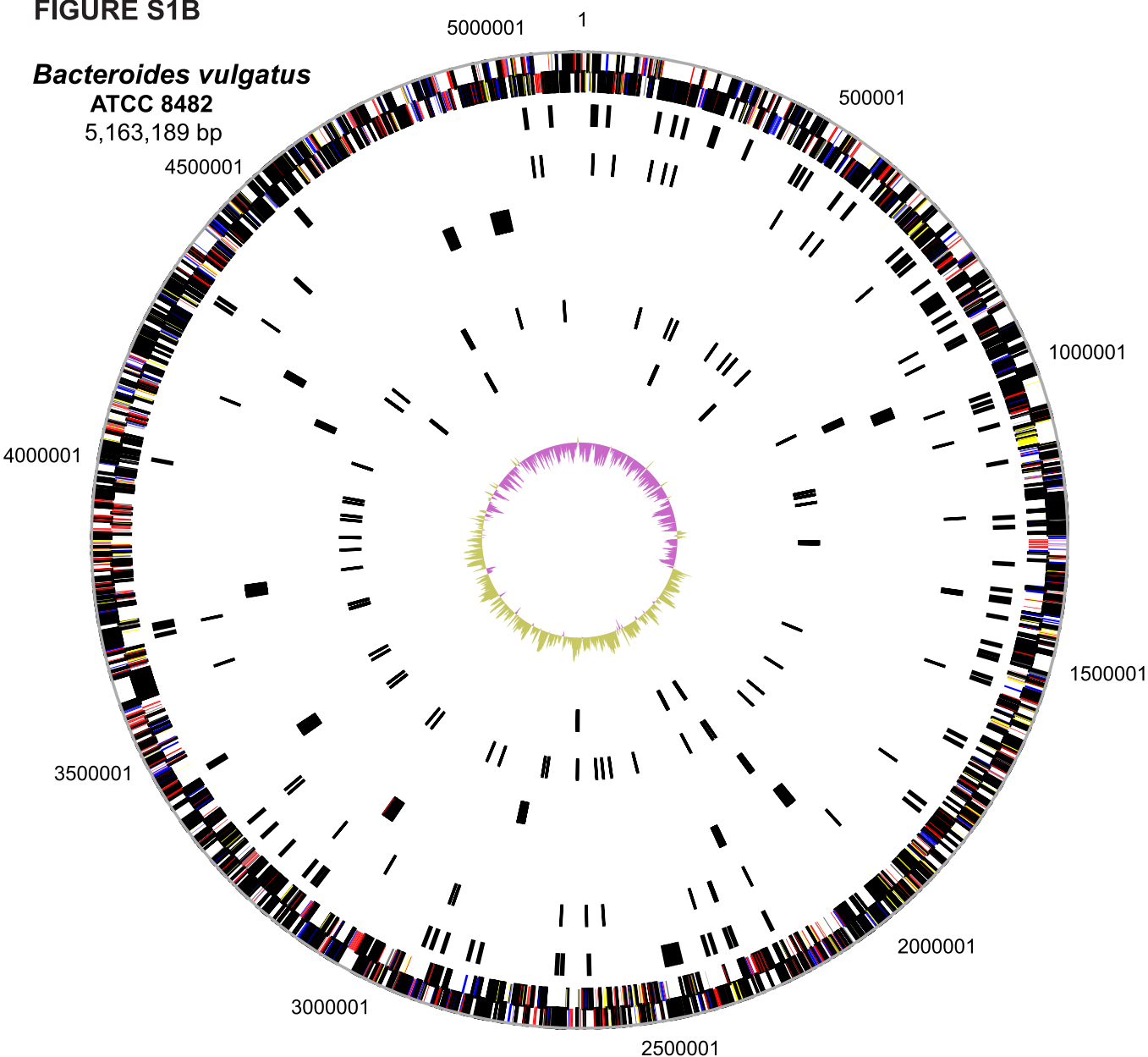
- | | | | |
|---|--|---|---|
| M | Cell wall/membrane/envelope biogenesis | I | Lipid transport and metabolism |
| G | Carbohydrate transport and metabolism | J | Translation, ribosomal structure and biogenesis |
| L | Defense mechanisms | K | Transcription |
| V | Replication, recombination and repair | O | Posttranslational modification, protein turnover, chaperones |
| C | Energy production and conversion | P | Inorganic ion transport and metabolism |
| D | Cell division, chromosome partitioning | Q | Secondary metabolites biosynthesis, transport and catabolism |
| E | Amino acid transport and metabolism | T | Signal transduction mechanisms |
| F | Nucleotide transport and metabolism | U | Intracellular trafficking, secretion, and vesicular transport |
| H | Coenzyme transport and metabolism | | |

FIGURE S1B

Bacteroides vulgatus

ATCC 8482

5,163,189 bp



COG functional category

- M Cell wall/membrane/envelope biogenesis
- G Carbohydrate transport and metabolism
- L Defense mechanisms
- V Replication, recombination and repair
- C Energy production and conversion
- D Cell division, chromosome partitioning
- E Amino acid transport and metabolism
- F Nucleotide transport and metabolism
- H Coenzyme transport and metabolism

- I Lipid transport and metabolism
- J Translation, ribosomal structure and biogenesis
- K Transcription
- O Posttranslational modification, protein turnover, chaperones
- P Inorganic ion transport and metabolism
- Q Secondary metabolites biosynthesis, transport and catabolism
- T Signal transduction mechanisms
- U Intracellular trafficking, secretion, and vesicular transport