Something COG

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Abstract

Materials and Methods

Results

Discussion

Acknowledgements

Figures

Supplementary Figures

Logistic Regression

COG Abbreviation	COG Category	E. coli Chromosome	B. subtilis Chromosome	Streptomyces Chromosome
C	Energy Production and Conversion	2.40×10^{-7}	4.10×10^{-7}	-2.94×10^{-7}
E	Amino Acid Transport and Metabolism	4.53×10^{-7}	NA	-1.97×10^{-7}
F	Nucleotide Transport and Metabolism	NA	-7.49×10^{-7}	-1.86×10^{-7}
G	Carbohydrate Transport and Metabolism	NA	NA	NA
H	Coenzyme Transport and Metabolism	NA	-4.07×10^{-7}	-1.11×10^{-7}
I	Lipid Transport and Metabolism	4.51×10^{-7}	3.74×10^{-7}	-2.10×10^{-7}
J	Translation, Ribosomal Structure and Biogenesis	NA	-7.13×10^{-7}	-1.36×10^{-7}
K	Transcription	2.22×10^{-7}	7.62×10^{-7}	NA
L	Replication, Recombination and Repair	2.95×10^{-7}	NA	-1.17×10^{-7}
M	Cell Wall/Membrane/Envelope Biogenesis	NA	5.18×10^{-7}	-8.05×10^{-8}
N	Cell Motility	-7.74×10^{-7}	1.01×10^{-6}	-2.04×10^{-7}
O	Posttranslational Modification, Protein Turnover, Chaperones	3.37×10^{-7}	3.51×10^{-7}	-7.75×10^{-8}
P	Inorganic Ion Transport and Metabolism	NA	NA	-1.68×10^{-7}
Q	Secondary Metabolites Biosynthesis, Transport and Catabolism	NA	NA	NA
T	Signal Transduction Mechanisms	NA	NA	1.52×10^{-7}
U	Intracellular Trafficking, Secretion, and Vesicular Transport	NA	NA	NA
V	Defense Mechanisms	3.75×10^{-7}	7.15×10^{-7}	-1.21×10^{-7}
W	Extracellular Structures	-3.23×10^{-6}	NA	9.06×10^{-7}
X	Mobilome: Prophages, Transposons	-1.09×10^{-6}	-1.81×10^{-6}	4.32×10^{-7}
R	General Function Prediction Only	2.61×10^{-7}	3.20×10^{-7}	-6.91×10^{-8}
S	Function Unknown	-1.43×10^{-6}	-1.19×10^{-6}	4.62×10^{-7}