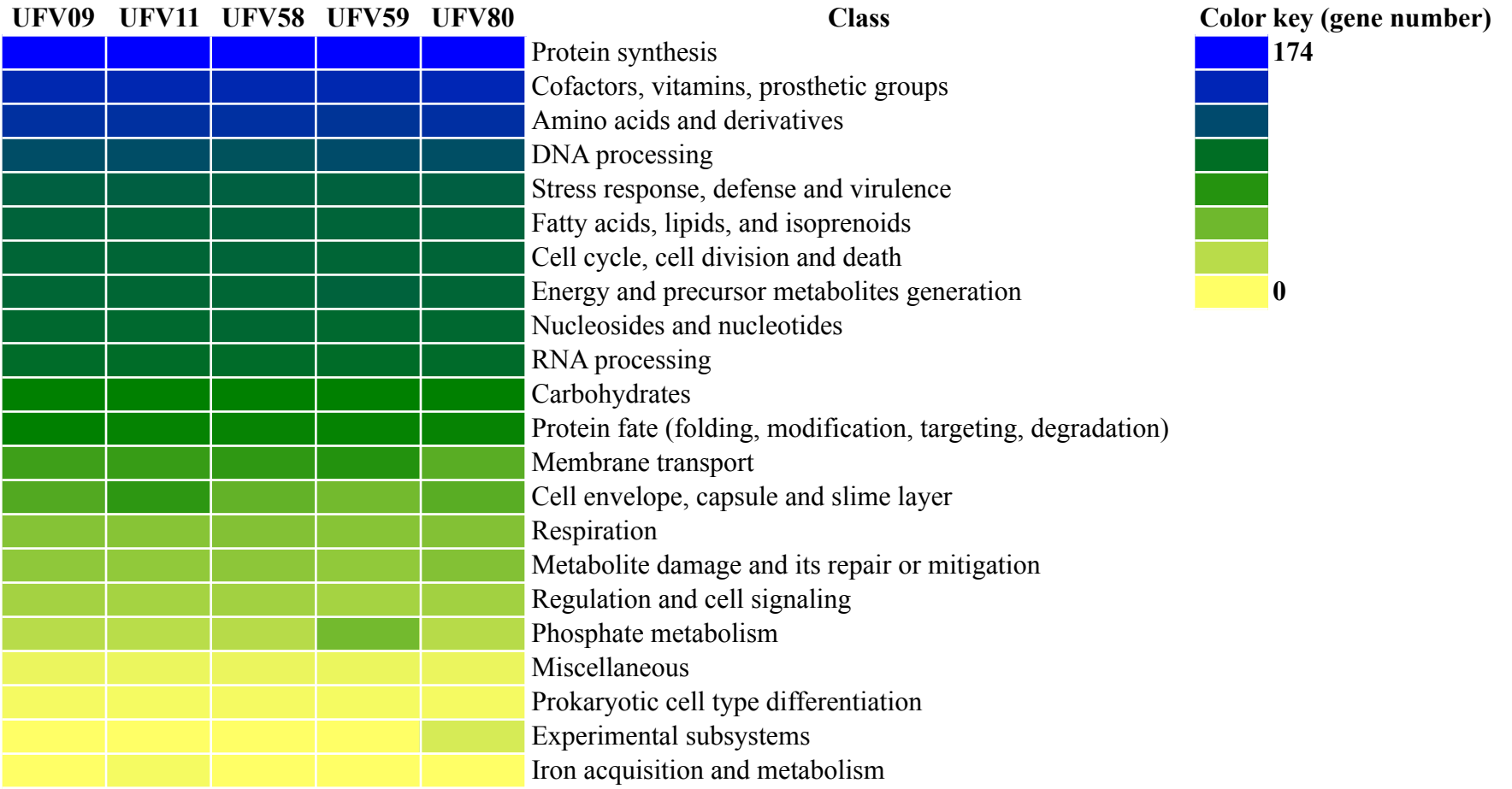

UFV09
UFV11
UFV58
UFV59
UFV80
Class
Color key (gene number)
174
0
Protein synthesis
Cofactors, vitamins, prosthetic groups
Amino acids and derivatives
DNA processing
Stress response, defense and virulence
Fatty acids, lipids, and isoprenoids
Cell cycle, cell division and death
Energy and precursor metabolites generation
Nucleosides and nucleotides
RNA processing
Carbohydrates
Protein fate (folding, modification, targeting, degradation)
Membrane transport
Cell envelope, capsule and slime layer
Respiration
Metabolite damage and its repair or mitigation
Regulation and cell signaling
Phosphate metabolism
Miscellaneous
Prokaryotic cell type differentiation
Experimental subsystems
Iron acquisition and metabolism