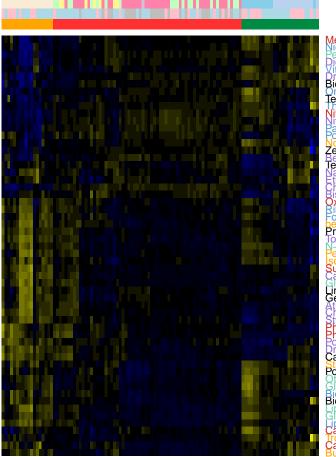
## **Doucs, by Captive State**

Population CaptiveWild



Methane metabolism Nicotinate and nicotinamide metabolism Peptidoglycan biosynthesis

Dioxin degradation Vitamin B6 metabolism Drug metabolism – other enzymes Biosynthesis of ansamycins

Terpenoid backbone biosynthesis

Nitrogen metabolism

Nitrofoluene degradation. Pantothenate and CoA biosynthesis Porphyrin and chlorophyll metabolism

Zeatin biosynthesis

Benzoate degradation
Tetracycline biosynthesis
Naphinalene degradation
Ethylbenzene degradation
Chloroalkane and chloroalkene degradation
Bisphenol degradation
Oxidative phosphorylation
Biopflayin metabolism
Folate biosynthesis
Deta-Lactam resistance

Prenyltransferases

Tolly Indiana Caston
Jeglycan biosynthesis
enicillin and cephalosporin biosynthesis
soguinoline alkaloid biosynthesis

Sulfur metabolism Caprolactam degradation

Glycosyltransterases
Limonepe and pinene degradation
Geraniol degradation
Atrazine degradation
Chlorocyclonexane and chlorobenzene degradation
Styrene degradation
Protosynthesis proteins
Photosynthesis proteins
Photosynthesis – antenna proteins
Olycyclic aromatic hydrocarbon degradation
Drug metabolism – cytochrome P450
Carotenoid biosynthesis
Streptomycin biosynthesis
Streptomycin biosynthesis

Polyketide sugar unit biosynthesis

fer glycan degradation /cosphingolipid biosynthesis – globo series itin metabolism

Biosynthesis of vancomycin group antibiotics

Glycosphingolipid biosynthesis – ganglio series Lipoic acid metabolism Carbon fixation pathways in prokaryotes Tropane, piperioline and pyridine alkaloid biosynthesis Carbon fixation in photosynthetic organisms Butirosin and neorhycin biosynthesis