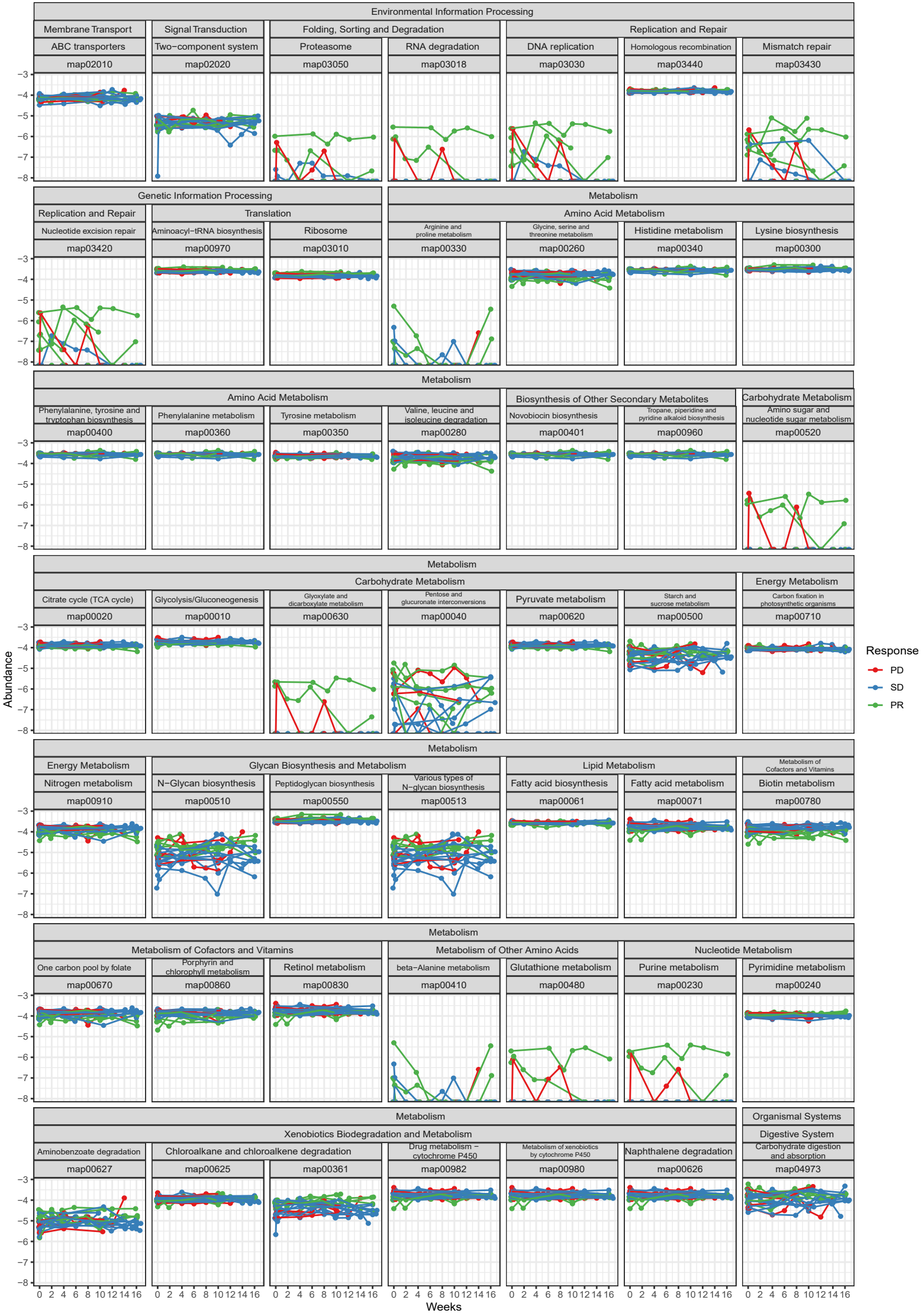
Environmental Information Processing
Membrane Transport
ABC transporters
map02010
Signal Transduction
Two−component system
map02020
Folding, Sorting and Degradation
Proteasome
map03050
RNA degradation
map03018
Replication and Repair
DNA replication
map03030
Homologous recombination
map03440
Mismatch repair
map03430
Genetic Information Processing
Replication and Repair
Nucleotide excision repair
map03420
Translation
Aminoacyl−tRNA biosynthesis
map00970
Ribosome
map03010
Metabolism
Amino Acid Metabolism
Arginine and proline metabolism
map00330
Glycine, serine and threonine metabolism
map00260
Histidine metabolism
map00340
Lysine biosynthesis
map00300
Metabolism
Amino Acid Metabolism
Phenylalanine, tyrosine and tryptophan biosynthesis
map00400
Phenylalanine metabolism
map00360
Tyrosine metabolism
map00350
Valine, leucine and isoleucine degradation
map00280
Biosynthesis of Other Secondary Metabolites
Novobiocin biosynthesis
map00401
Tropane, piperidine and pyridine alkaloid biosynthesis
map00960
Carbohydrate Metabolism
Amino sugar and nucleotide sugar metabolism
map00520
Metabolism
Carbohydrate Metabolism
Citrate cycle (TCA cycle)
map00020
Glycolysis/Gluconeogenesis
map00010
Glyoxylate and dicarboxylate metabolism
map00630
Pentose and glucuronate interconversions
map00040
Pyruvate metabolism
map00620
Starch and sucrose metabolism
map00500
Energy Metabolism
Carbon fixation in photosynthetic organisms
map00710
Metabolism
Energy Metabolism
Nitrogen metabolism
map00910
Glycan Biosynthesis and Metabolism
N−Glycan biosynthesis
map00510
Peptidoglycan biosynthesis
map00550
Various types of N−glycan biosynthesis
map00513
Lipid Metabolism
Fatty acid biosynthesis
map00061
Fatty acid metabolism
map00071
Metabolism of Cofactors and Vitamins
Biotin metabolism
map00780
Metabolism
Metabolism of Cofactors and Vitamins
One carbon pool by folate
map00670
Porphyrin and chlorophyll metabolism
map00860
Retinol metabolism
map00830
Metabolism of Other Amino Acids
beta−Alanine metabolism
map00410
Glutathione metabolism
map00480
Nucleotide Metabolism
Purine metabolism
map00230
Pyrimidine metabolism
map00240
Metabolism
Xenobiotics Biodegradation and Metabolism
Aminobenzoate degradation
map00627
Chloroalkane and chloroalkene degradation
map00625
Drug metabolism − cytochrome P450
map00361
Metabolism of xenobiotics by cytochrome P450
map00982
Naphthalene degradation
map00980
Organismal Systems
Digestive System
Carbohydrate digestion and absorption
map00626
map04973
−3
−4
−5
−6
−7
−8
0 2 4 6 8 10 12 14 16
Abundance
Weeks
Response
PD
SD
PR