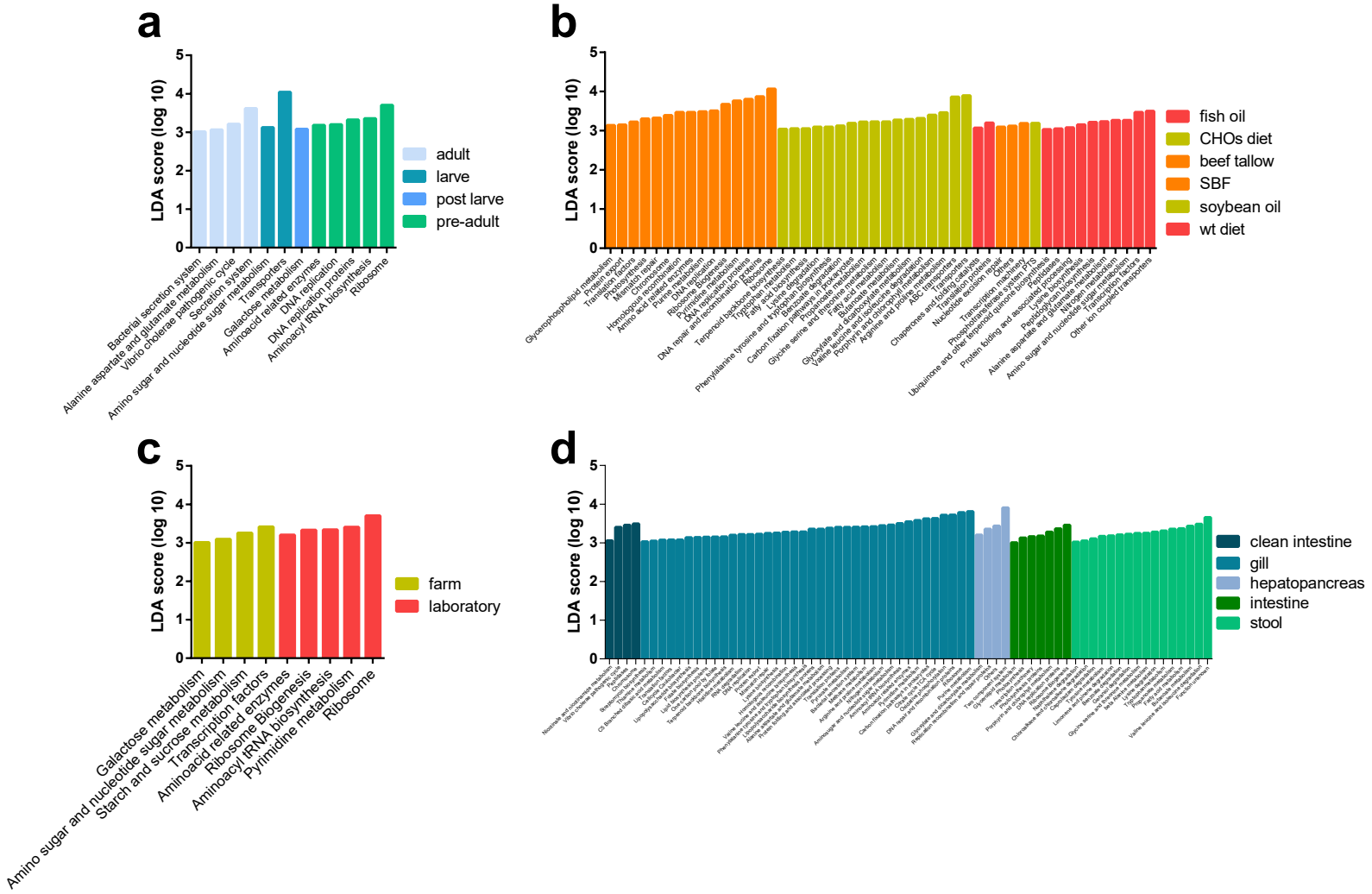
a
LDA score (log 10)
0
1
2
3
4
5
Bacterial secretion system
Alanine aspartate and glutamate metabolism
Vibrio cholerae pathogenic cycle
Secretion system
Amino sugar and nucleotide sugar metabolism
Transporters
Galactose metabolism
Aminoacid related enzymes
DNA replication
DNA replication proteins
Aminoacyl tRNA biosynthesis
Ribosome
adult
larve
post larve
pre-adult
b
LDA score (log 10)
0
1
2
3
4
5
Glycerophospholipid metabolism
Protein export
Translation factors
Proteasome
Mismatch repair
Homologous recombination
Chromosome
Purine metabolism
Ribosome Biogenesis
Pyrimidine metabolism
DNA replication
DNA replication proteins
Amino acid related enzymes
Terpenoid backbone biosynthesis
Ribosome
DNA repair and recombination proteins
Tryptophan metabolism
Fatty acid biosynthesis
Lysine biosynthesis
Phenylalanine tyrosine and tryptophan biosynthesis
Biotin biosynthesis
Carbon fixation pathways in prokaryotes
Glycine serine and threonine metabolism
Propanoate metabolism
Butanoate metabolism
Glyoxylate and dicarboxylate metabolism
Fatty acid metabolism
Valine leucine and isoleucine degradation
Porphyrin and chlorophyll metabolism
Arginine and proline metabolism
Chaperones and folding catalysts
ABC Transporters
Translation proteins
Nucleotide excision repair
Ubiquinone and other terpenoid quinone biosynthesis
Protein folding and associated processing
Phosphotransferase system PTS
Transcription machinery
Lysine biosynthesis
Peptidoglycan biosynthesis
Alanine aspartate and glutamate metabolism
Nitrogen metabolism
Amino sugar and nucleotide sugar metabolism
Transcription factors
Other ion coupled transporters
fish oil
CHOs diet
beef tallow
SBF
soybean oil
wt diet
c
LDA score (log 10)
0
1
2
3
4
5
Galactose metabolism
Amino sugar and nucleotide sugar metabolism
Starch and sucrose metabolism
Transcription factors
Aminoacid related enzymes
Ribosome Biogenesis
Aminoacyl tRNA biosynthesis
Pyrimidine metabolism
Ribosome
farm
laboratory
d
LDA score (log 10)
0
1
2
3
4
5
clean intestine
gill
hepatopancreas
intestine
stool