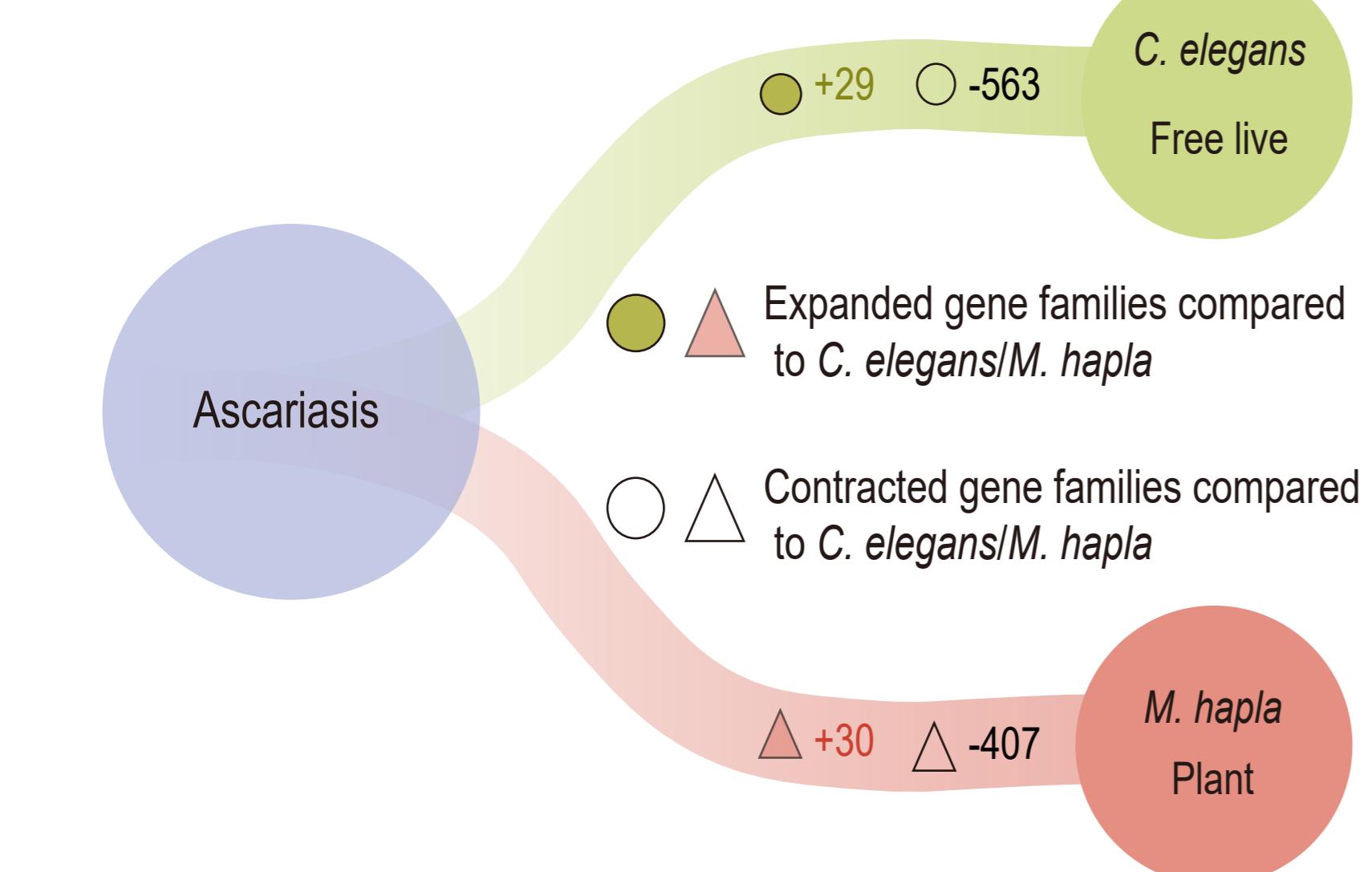
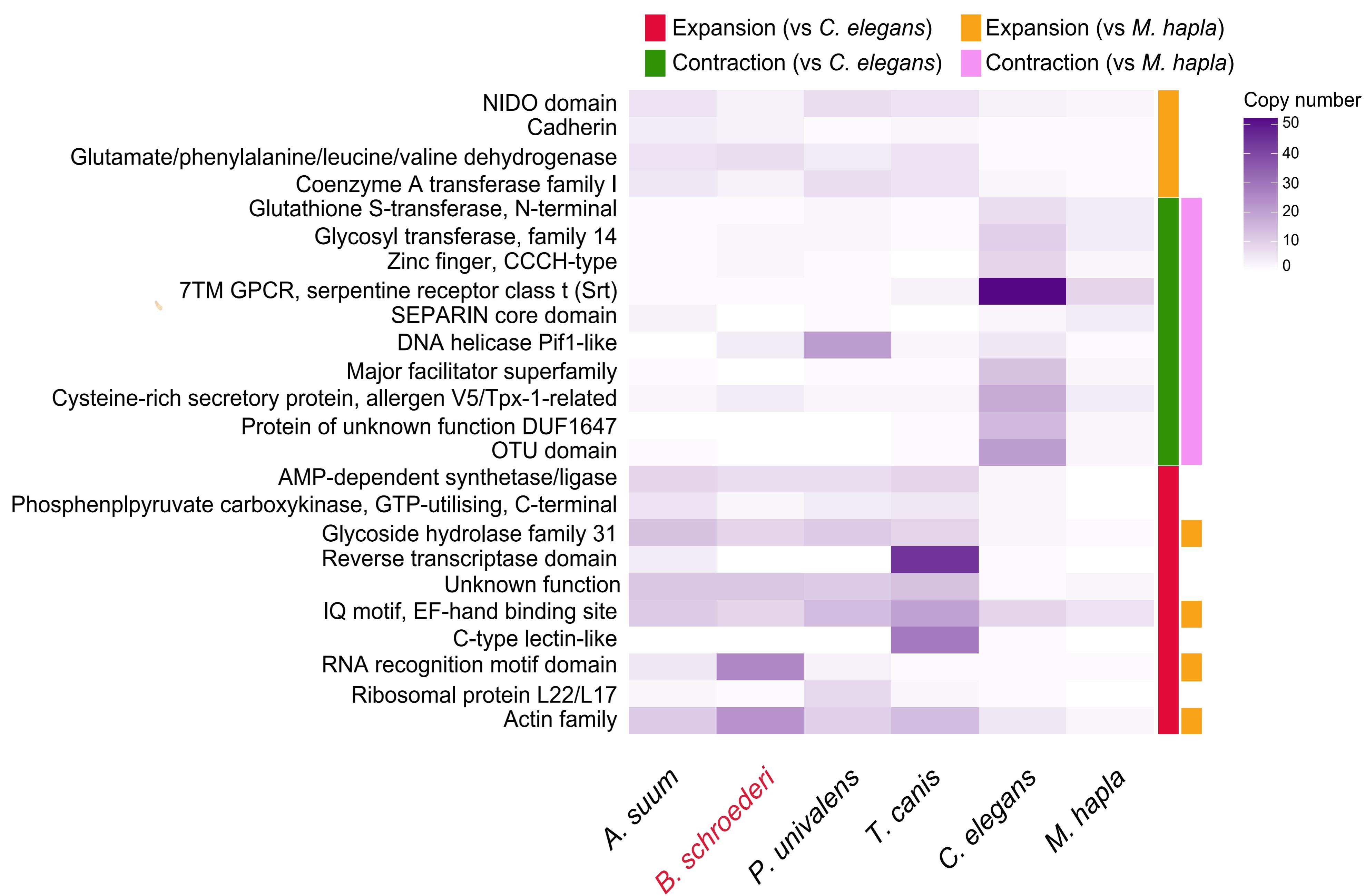


a



	Expansion	Contraction
• Metabolic pathways		• Metabolic pathways
• Tight junction	○	• Metabolism of xenobiotics by cytochrome P450
• Regulation of actin cytoskeleton	○	• Protein digestion and absorption
• Carbohydrate digestion and absorption		• Platinum drug resistance
• Phagosome pathway		• Longevity regulating pathway - worm
• Metabolic pathways	△	• Hedgehog signaling pathway
• Tight junction	△	• Calcium signaling pathway
• Regulation of actin cytoskeleton	△	• Carbon metabolism
• Starch and sucrose metabolism	△	• Drug metabolism - cytochrome P450
• Rap1 signaling pathway	△	• Amino sugar and nucleotide sugar metabolism
• Carbohydrate digestion and absorption	△	

b



C

Expansion

Roundworms vs *C. elegans*
Roundworms vs *M. hapla*

Contraction

Signaling
Response to stimulus **
Reproductive process
Reproduction
Regulation of biological process
Presynaptic process involved in chemical synaptic transmission
Positive regulation of biological process *
Negative regulation of biological process
Multi-organism process
Multicellular organismal process *
Metabolic process **
Locomotion
Localization *
Growth
Developmental process
Detoxification
Cellular process
Cellular component organization or biogenesis **
Cell proliferation
Cell killing
Biological regulation
Biological adhesion ***
Behavior ****

0.25 0.20 0.15 0.10 0.05 0 0.05 0.10 0.15 0.20 0.25