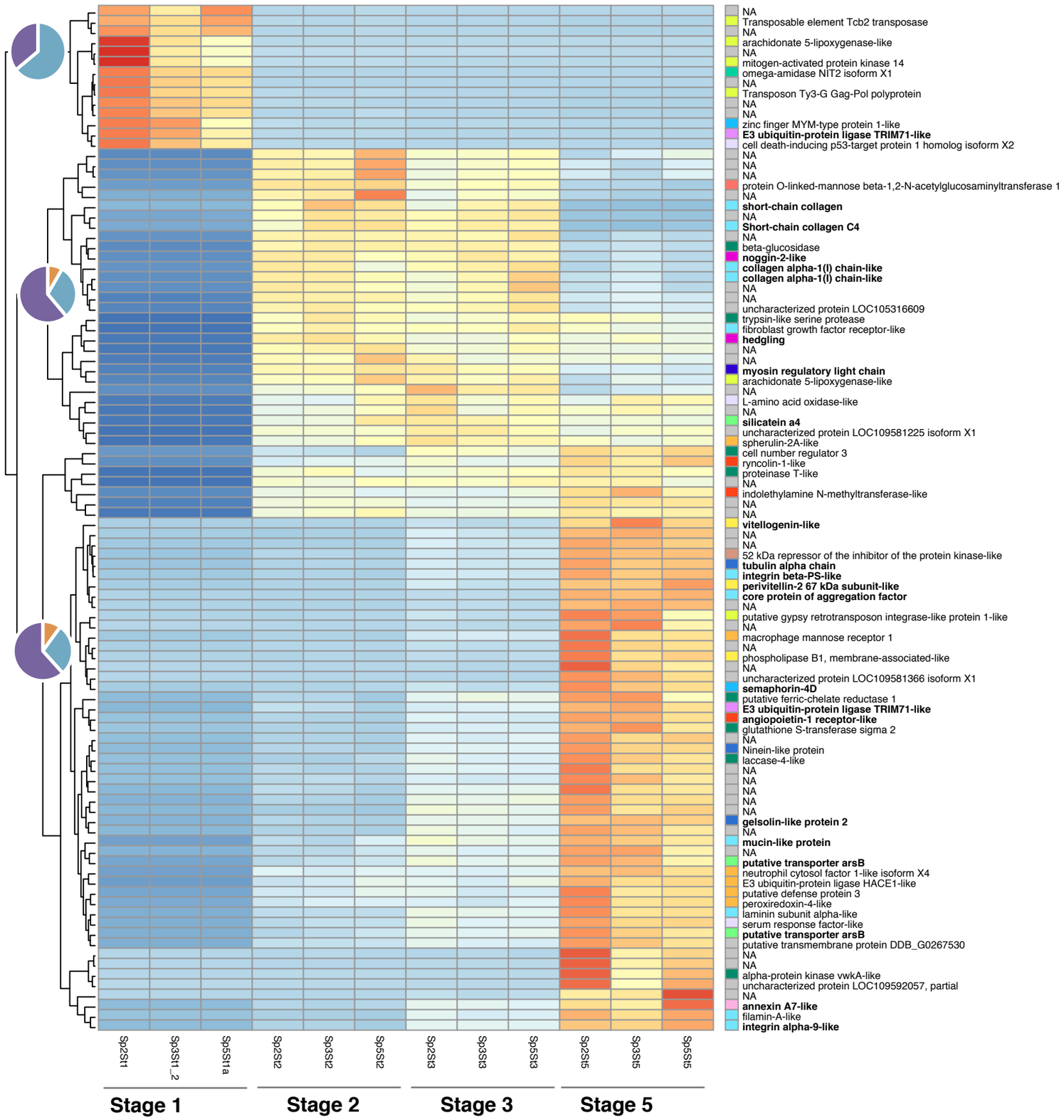

Unknown or sponge-specific proteins
Apoptotic process
Cellular water homeostasis
Stem cell proliferation
Developmental patterning
Negative regulation of cell growth
Membrane systems
Cell differentiation
Immune response
Lipid metabolism
Oxidation-reduction system
Biomineralisation
Glutamine metabolism (signaling)
Cell metabolism
Extracellular matrix formation
Regulation of cell morphogenesis
Microtubule organization
Contraction

Relative expression

2
1
0
−1

Percentage of genes

SPONGE-SPECIFIC GENES
Ephydatia-SPECIFIC GENES
EUKARYOTIC-SPECIFIC GENES