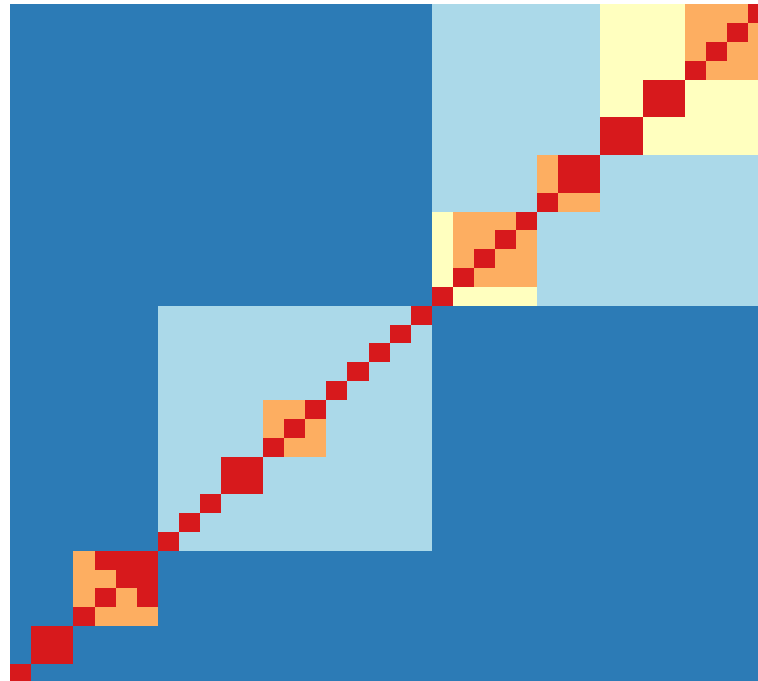
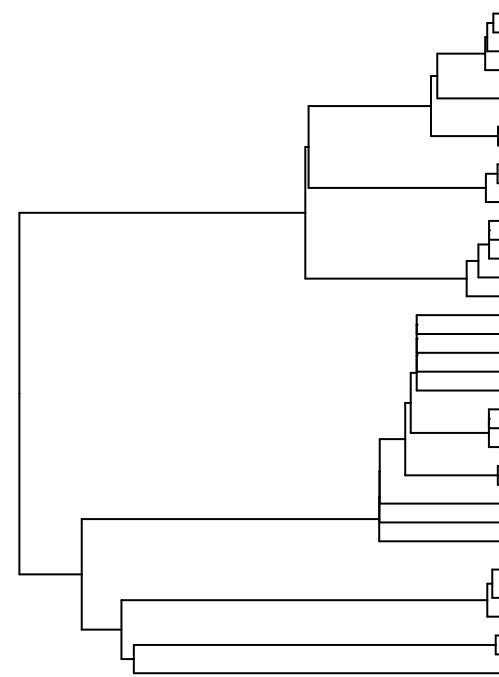
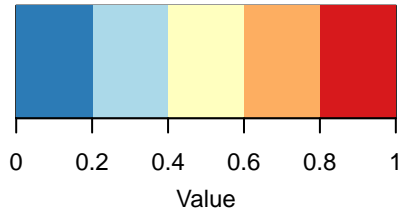


Color Key



GO:0004672: protein kinase activity
 GO:0035174: histone serine kinase activity
 GO:0047322: [hydroxymethylglutaryl-CoA reductase (NADPH)] kinase activity
 GO:0050405: [acetyl-CoA carboxylase] kinase activity
 GO:0050694: galactose 3-O-sulfotransferase activity
 GO:0001733: galactosylceramide sulfotransferase activity
 GO:0004758: serine C-palmitoyltransferase activity
 GO:0004095: carnitine O-palmitoyltransferase activity
 GO:0043878: glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity
 GO:0004029: aldehyde dehydrogenase (NAD) activity
 GO:0047134: protein-disulfide reductase activity
 GO:0052832: inositol monophosphate 3-phosphatase activity
 GO:0008934: inositol monophosphate 1-phosphatase activity
 GO:0052833: inositol monophosphate 4-phosphatase activity
 GO:0008474: palmitoyl-(protein) hydrolase activity
 GO:0003918: DNA topoisomerase type II (ATP-hydrolyzing) activity
 GO:0008022: protein C-terminus binding
 GO:0019904: protein domain specific binding
 GO:0034185: apolipoprotein binding
 GO:0070064: proline-rich region binding
 GO:0035615: clathrin adaptor activity
 GO:0033613: activating transcription factor binding
 GO:0001085: RNA polymerase II transcription factor binding
 GO:0043426: MRF binding
 GO:0035258: steroid hormone receptor binding
 GO:0005154: epidermal growth factor receptor binding
 GO:0003682: chromatin binding
 GO:0016936: galactoside binding
 GO:0048029: monosaccharide binding
 GO:0015501: glutamate:sodium symporter activity
 GO:0005313: L-glutamate transmembrane transporter activity
 GO:0008273: calcium, potassium:sodium antiporter activity
 GO:0005227: calcium activated cation channel activity
 GO:0030548: acetylcholine receptor regulator activity
 GO:0005092: GDP-dissociation inhibitor activity
 GO:0030020: extracellular matrix structural constituent conferring tensile strength