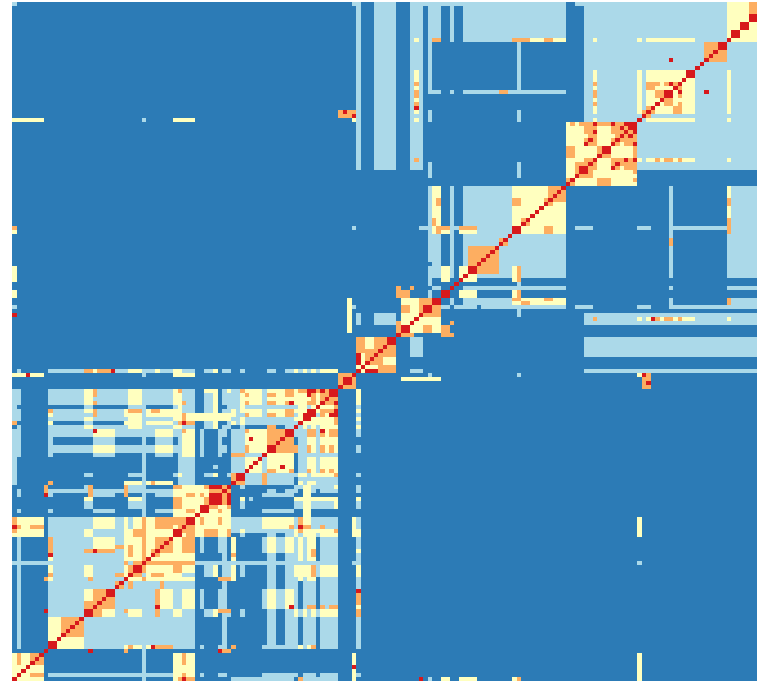
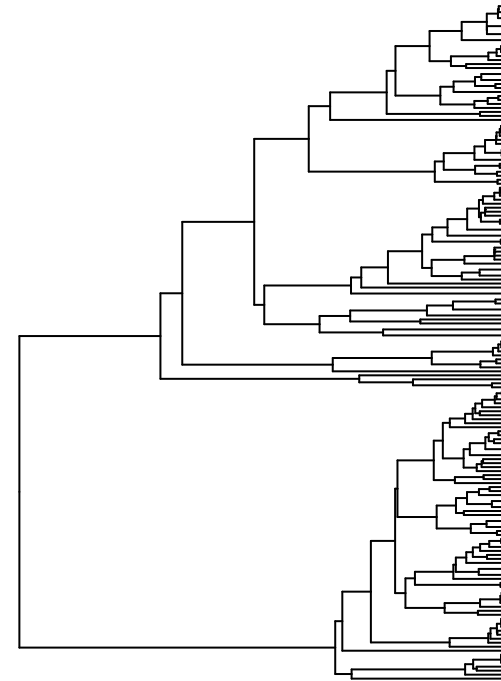
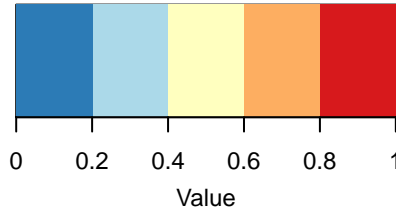


## Color Key



GO:000959: endocardial cell differentiation  
GO:0014033: neural crest cell differentiation  
GO:002051: osteoblast fate commitment  
GO:0072560: type B pancreatic cell maturation  
GO:003429: growth plate cartilage chondrocyte morphogenesis  
GO:0014812: muscle cell migration  
GO:0071411: axon guidance  
GO:0068904: vesicle docking involved in exocytosis  
GO:0097692: dendritic spine maintenance  
GO:0007528: neuromuscular junction development  
GO:0032396: central nervous system myelin maintenance  
GO:0097107: postsynaptic density assembly  
GO:0036563: nuclear speck organization  
GO:0071340: skeletal muscle acetylcholine-gated channel clustering  
GO:0032535: regulation of cellular component size  
GO:0042796: snRNA transcription by RNA polymerase III  
GO:1995111: piRNA biosynthetic process  
GO:0056651: dermatan sulfate proteoglycan biosynthetic process  
GO:0005495: protein ligation  
GO:0060390: mitochondrial transcription  
GO:0002647: glyoxylate biosynthesis process  
GO:1950344: prostaglandin catabolic process  
GO:0011293: membrane protein intracellular domain proteolysis  
GO:0042733: embryonic digit morphogenesis  
GO:0032344: pericardium morphogenesis  
GO:0060412: ventricular septum morphogenesis  
GO:0060592: coronary artery morphogenesis  
GO:0042475: odontogenesis of dentin-containing tooth  
GO:0060444: branching involved in mammary gland duct morphogenesis  
GO:0048659: formation of anatomical boundary  
GO:0011018: endocrine pancreas development  
GO:0036302: antioventricular canal development  
GO:0003197: endocardial cushion development  
GO:0008750: embryo development ending in birth or egg hatching  
GO:0005400: determination of adult lifespan  
GO:0044111: development involved in symbiotic interaction  
GO:0007811: learning or memory  
GO:0061040: female gonad morphogenesis  
GO:0007280: spermatogenesis  
GO:0007141: male meiosis I  
GO:0060170: male mating behavior  
GO:0035176: social behavior  
GO:0043200: cellular response to leptin stimulus  
GO:0036294: cellular response to decreased oxygen levels  
GO:0010288: hair acclimation  
GO:0071774: response to fibroblast growth factor  
GO:0007568: body fluid secretion  
GO:0043228: protein transport to vacuole involved in ubiquitin-dependent protein catabolic process via the multivesicular body sorting pathway  
GO:0010977: negative regulation of neuron projection development  
GO:0010719: negative regulation of epithelial to mesenchymal transition  
GO:0002079: negative regulation of ossification  
GO:1950495: regulation of sensory neuron axon guidance  
GO:0016814: negative regulation of cardiac muscle hypertrophy  
GO:1950306: positive regulation of cardiac myofibril assembly  
GO:0081066: positive regulation of diastolic heart wall development  
GO:1950562: positive regulation of cardioblast proliferation  
GO:0032728: positive regulation of interleukin-1beta production  
GO:0051797: regulation of hair follicle development  
GO:0081344: regulation of cell adhesion involved in heart morphogenesis  
GO:0032905: regulation of transforming growth factor beta2 production  
GO:2000650: negative regulation of sodium ion transmembrane transporter activity  
GO:1950281: positive regulation of calcium:sodium antiporter activity  
GO:1904878: negative regulation of calcium ion transmembrane transporter activity  
GO:0048824: positive regulation of nucleocytoplasmic transport  
GO:0048881: positive regulation of follicle-stimulating hormone secretion  
GO:1953949: positive regulation of atrial cardiac muscle cell action potential  
GO:0060125: negative regulation of growth hormone secretion  
GO:0008785: positive regulation of alkaline acid-activated signaling pathway  
GO:1900745: positive regulation of p38MAPK cascade  
GO:2000348: regulation of CD40 signaling pathway  
GO:0070495: negative regulation of fibrinogen-activated receptor signaling pathway  
GO:1901255: negative regulation of hydrogen peroxide-mediated programmed cell death  
GO:0030032: regulation of myofibril cell apoptotic process  
GO:0049544: positive regulation of transcription by RNA polymerase II  
GO:1901307: positive regulation of spermidine biosynthetic process  
GO:2000617: positive regulation of histone H3-K9 acetylation  
GO:0031397: negative regulation of protein ubiquitination  
GO:0048013: ephrin receptor signaling pathway  
GO:0070102: interleukin-4-mediated signaling pathway  
GO:0071188: adenylylate cyclase-modulating G protein-coupled receptor signaling pathway  
GO:0070131: nucleotide-binding oligomerization domain-containing 2 signaling pathway  
GO:0086047: membrane depolarization during Purkinje myocyte cell action potential  
GO:0086048: membrane depolarization during bundle of His cell action potential  
GO:0048873: homeostasis of number of cells within a tissue  
GO:0086092: regulation of the force of heart contraction by cardiac conduction