Single CpG Biological Process GO enrichment by Cell Type heart developmentcell-cell signaling by wnt-Wnt signaling pathway regulation of cell morphogenesis regulation of neuron projection development positive regulation of cell projection organizationlipid catabolic process response to extracellular stimulus striated muscle cell differentiation regulation of developmental growthactomyosin structure organizationchromosome segregation muscle tissue developmentpositive regulation of mitotic cell cyclemonosaccharide transport axonogenesis striated muscle tissue development response to nutrient levelsblood vessel morphogenesis regulation of membrane potentialhexose transportcanonical Wnt signaling pathway response to oxygen levelsphospholipid metabolic process positive regulation of protein kinase activity glucose transportresponse to hypoxiamuscle cell development regulation of sequence-specific DNA binding transcription factor activity regulation of mitotic cell cycle phase transitionregulation of cell cycle phase transition GeneRatio positive regulation of cellular catabolic process • 0.01 regulation of cellular component size-0.02 glycoprotein metabolic process 0.03 cardiac muscle tissue development in utero embryonic developmentp.adjust regulation of Wnt signaling pathway mitotic nuclear divisionpositive regulation of cell development microtubule cytoskeleton organizationmonocarboxylic acid catabolic process activation of protein kinase activity glycerolipid metabolic process response to decreased oxygen levels glycoprotein biosynthetic process regulation of anatomical structure sizeregulation of actin filament-based process eye developmentglucose importglycerophospholipid metabolic process camera-type eye development reproductive system developmentpositive regulation of catabolic process regulation of actin cytoskeleton organization reproductive structure development angiogenesisaxon developmentnegative regulation of cell development tube morphogenesisforebrain development regulation of system process regulation of cytoskeleton organization modulation of synaptic transmission cornification epidermis developmentskin developmentepidermal cell differentiation keratinization keratinocyte differentiation carboxylic acid transmembrane transport organic acid transmembrane transport vitamin D metabolic process GenesPlusPromoters Promoters (6121) ΑII Genes (14430) (14709) (14617)

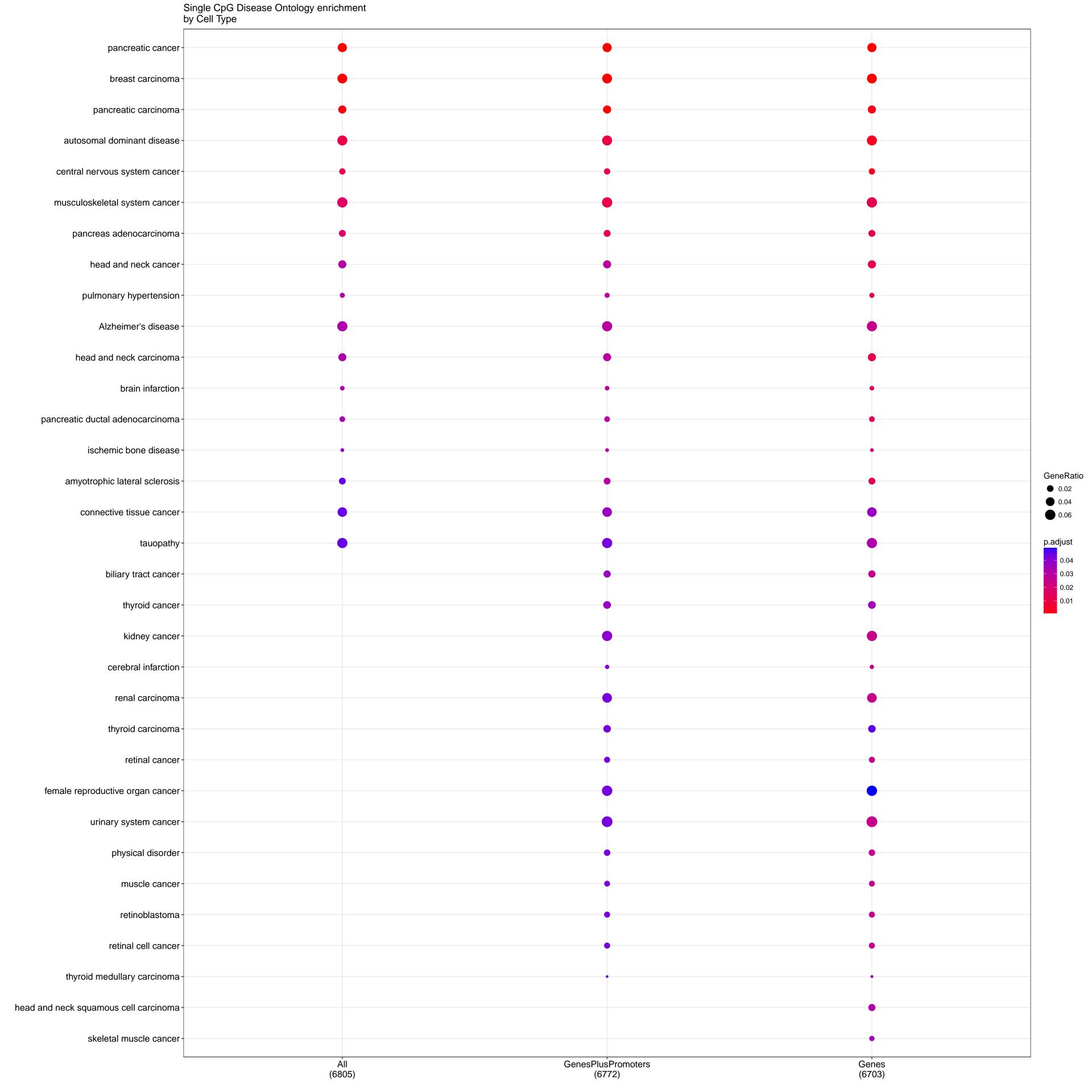
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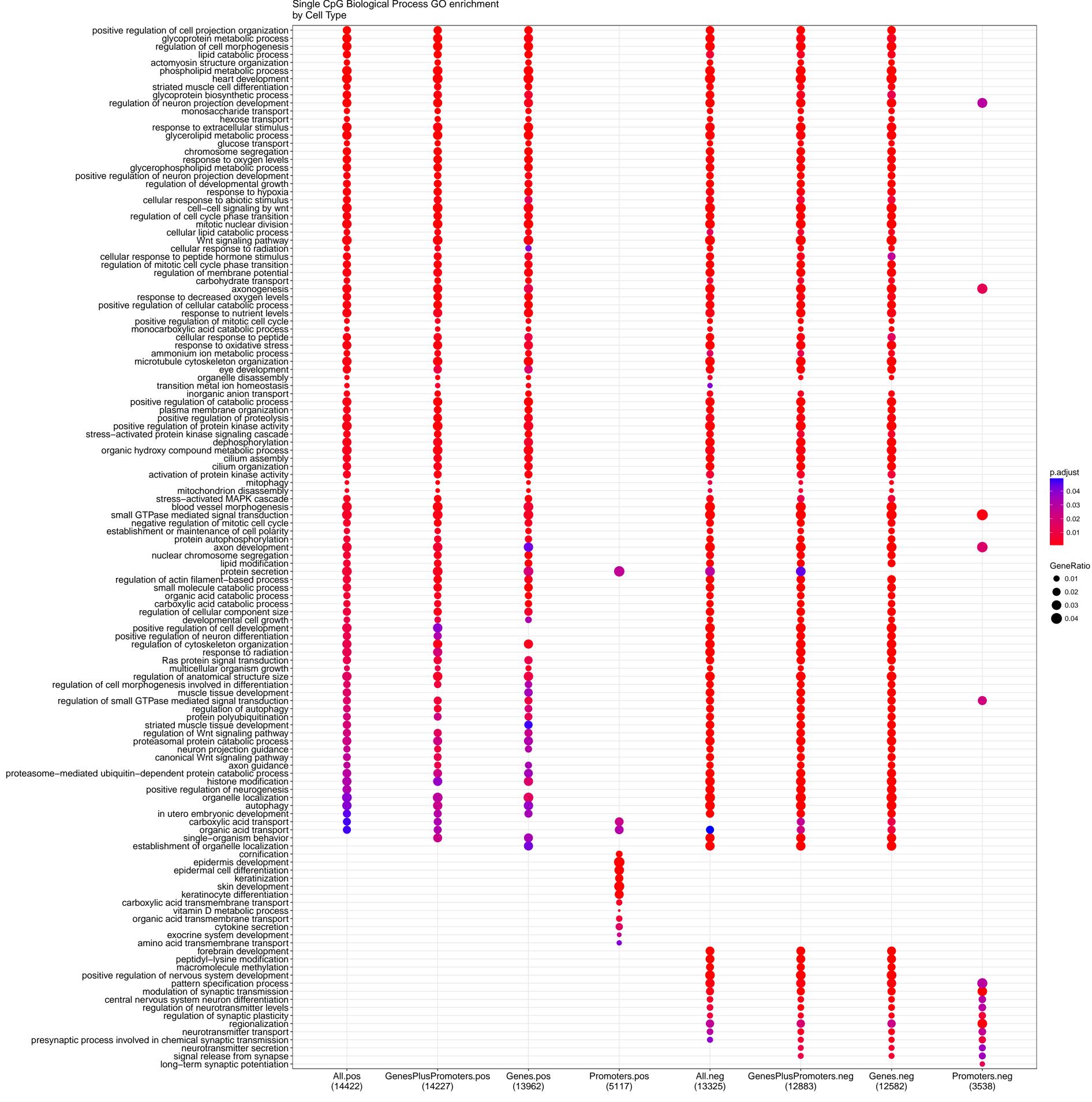
Single CpG Cellular Compartment GO enrichment by Cell Type nuclear envelope actin cytoskeleton membrane region receptor complexmembrane microdomain membrane raft microtubule nuclear membrane apical part of cell cell leading edge dendrite centrosome synaptic membrane postsynapse cell cortexcytoplasmic side of plasma membrane peroxisomemicrobody apical plasma membrane outer membrane cell-cell junction mitochondrial outer membrane organelle outer membrane -GeneRatio extrinsic component of membrane 0.01 integral component of organelle membrane 0.02 cytoplasmic side of membrane p.adjust presynapsecytoplasmic region 0.02 chromosome, centromeric region axon extrinsic component of plasma membrane neuromuscular junction intrinsic component of organelle membrane transmembrane transporter complexcell-cell adherens junctionbrush border transporter complex actin filament mitochondrial matrix apical junction complexion channel complex adherens junction extrinsic component of cytoplasmic side of plasma membrane occluding junction postsynaptic membraneplasma membrane receptor complexcell body ruffle neuronal cell body postsynaptic specialization intermediate filament cytoskeleton intermediate filament proteinaceous extracellular matrix GenesPlusPromoters (15507) ÁII (15612) Genes (15311) Promoters (6472)



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