

3e-06

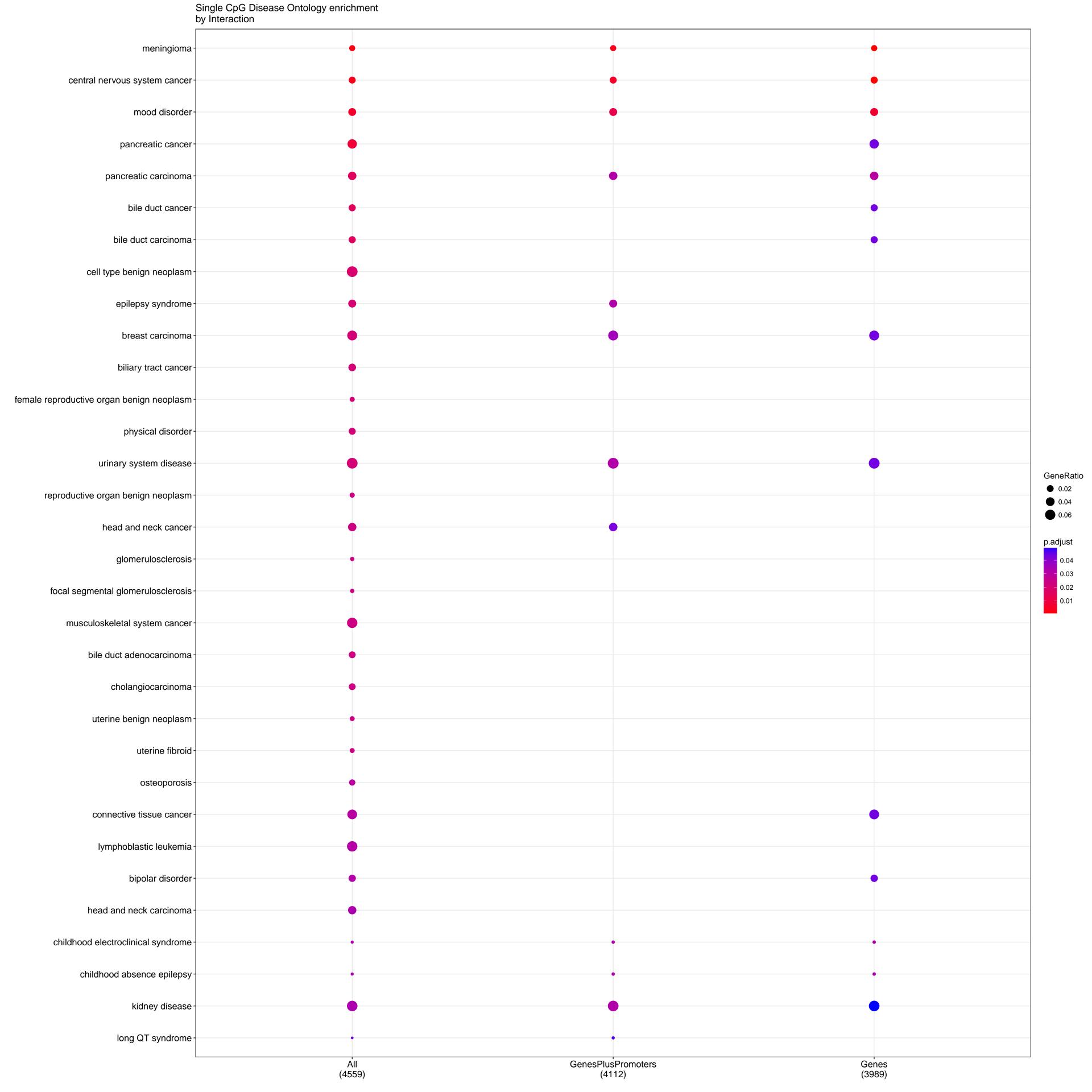
0.012

0.008

0.004

• 0.01 0.02

Single CpG Cellular Compartment GO enrichment by Interaction cell leading edge actin cytoskeleton postsynapse membrane region axon adherens junction proteinaceous extracellular matrix cell cortex cell-cell junction membrane microdomain membrane raft presynapse dendrite apical part of cell apical plasma membrane synaptic membrane extrinsic component of membrane cytoplasmic region postsynaptic density postsynaptic specialization neuron to neuron synapse asymmetric synapse p.adjust 2.0e-05 receptor complex-1.5e-05 cell projection membrane 1.0e-05 axon part 5.0e-06 main axon GeneRatio cell-substrate junction • 0.01 lamellipodium 0.02 0.03 dendritic spine neuron spine neuronal cell body cell-substrate adherens junction extracellular matrix component focal adhesion plasma membrane raftcation channel complexsarcolemma basolateral plasma membranecytoplasmic side of plasma membranecytoplasmic side of membrane actin-based cell projection leading edge membrane cell body cell-cell adherens junction extrinsic component of cytoplasmic side of plasma membrane ion channel complexpostsynaptic membranebasement membrane transmembrane transporter complex transporter complex-GenesPlusPromoters (8624) ÁII (9696) Genes (8365)



0.03

0.02

0.02

0.01



0.02

0.03

0.04

0.04

0.03

0.02

0.02

Single CpG Disease Ontology enrichment by Interaction central nervous system cancermeningiomathyroid carcinomamood disorderpancreatic cancer thyroid cancerbile duct cancerbile duct carcinoma bile duct adenocarcinoma cholangiocarcinomahead and neck cancer biliary tract cancerhead and neck carcinomaphysical disorder lymphoblastic leukemialeiomyomaautism spectrum disorderautistic disorder GeneRatio cell type benign neoplasm-• 0.02 0.04 pervasive developmental disorder-0.06 pulmonary hypertensionp.adjust reproductive organ benign neoplasm-0.04 0.03 female reproductive organ benign neoplasm-0.02 0.01 uterine benign neoplasmuterine fibroid malignant gliomalymphoid leukemiasudden infant death syndromeobsessive-compulsive disorderglomerulosclerosisfocal segmental glomerulosclerosis kidney cancer synostosishemangiomabipolar disorderorgan system benign neoplasmurinary system cancer esophageal cancerurinary system diseasedevelopmental disorder of mental healthglomerulonephritis epilepsy syndrome-Genes.pos (3276) All.pos (3863) GenesPlusPromoters.pos (3384) All.neg (2769) GenesPlusPromoters.neg (2338) Genes.neg (2266)