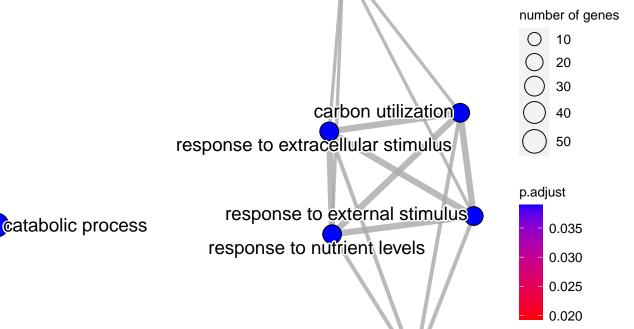
malate metabolic process



tricarboxylic acid cycle