Pathway analysis for COVID cogena: kmeans 10 oxidative_phosphorylation -8.3 65.2 39.6 19 parkinsons_disease-8.4 60.3 6.7 22.4 alzheimers disease-7.3 9.9 49.4 21.9 huntingtons_disease-7.1 48.1 17.8 9.4 cardiac muscle contraction -31.9 6.6 9.9 notch_signaling_pathway-7.6 8.3 19 12.6 spliceosome -7.2 15.9 9 4.8 12.6 snare_interactions_in_vesicular_transport-5.8 9.2 11 -log(q-value) 7.4 pathogenic_escherichia_coli_infection-7.1 5.8 10.5 citrate_cycle_tca_cycle-9.9 10.4 5.8 50 7.5 35 propanoate_metabolism -9.8 5.1 20 circadian_rhythm_mammal-9.4 9.1 pyruvate_metabolism-5.4 epithelial_cell_signaling_in_helicobacter_pylori_infection -8.9 8.5 melanogenesis -7.6 glycolysis_gluconeogenesisaminoacyl_trna_biosynthesis-7.4 6.6 7.2 vibrio_cholerae_infection -4.7 4.7 dorso_ventral_axis_formation -7.1 rna_degradation -7.1 6.4 7.1 Down#834 AII#1280 Up#446 2#150 6#147 10#10 5#151 1#540 3#58 7#48 8#51 9#42 4#83 Cluster