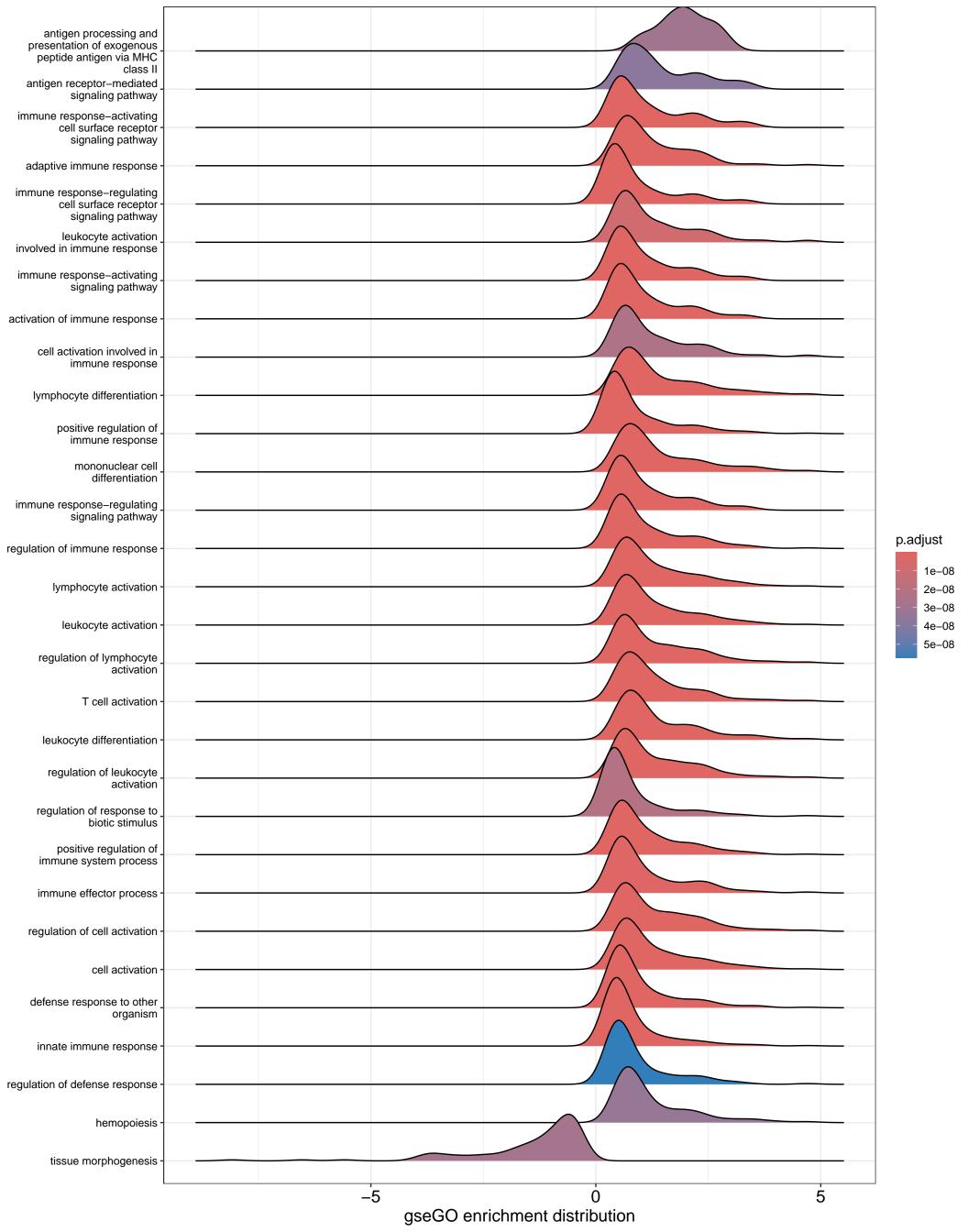


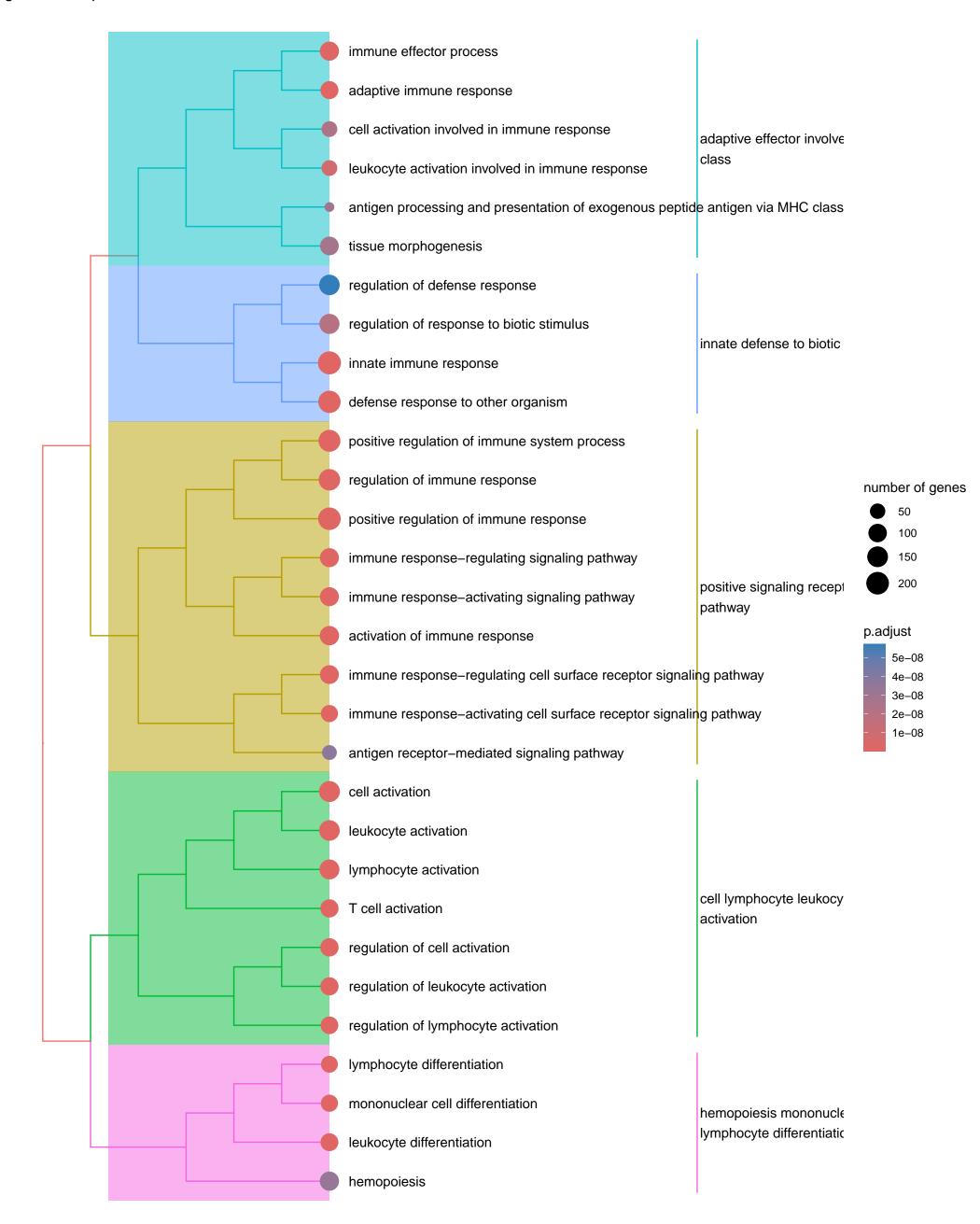
Enrichment Map gseGO

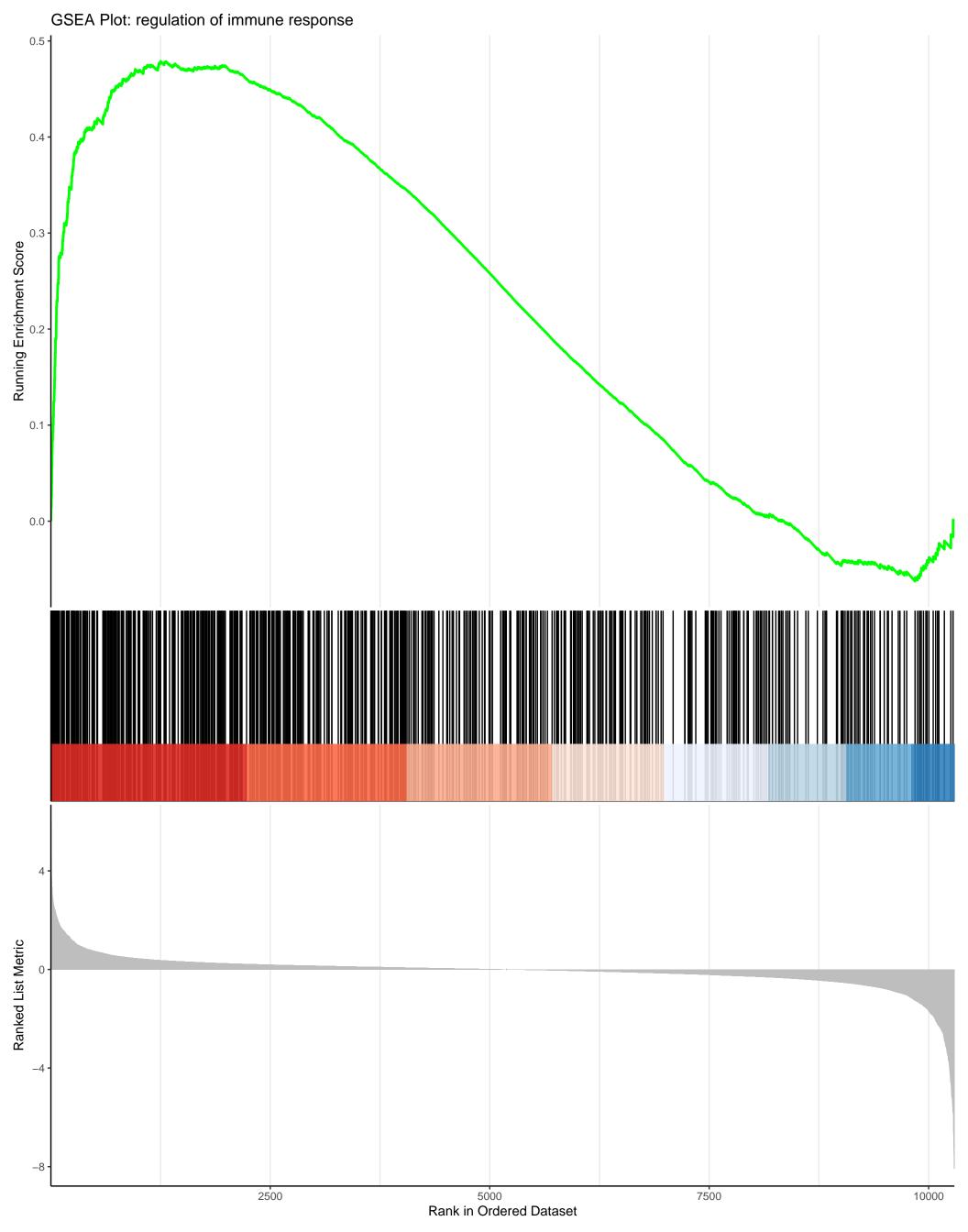
eukocyte activation involved in immune response — Cell activation involved in immune response	
mononuclear cell differentiation lymphocyte differentiation regulation of cell activation	
leukocyte differentiation regulation of leukocyte activation immune effector process regulation of lymphocyte activation regulation of defense response T cell activation lymphocyte activation regulation of immune system process leukocyte activation positive regulation of immune response	
adaptive immune response activating signaling pathway innate immune response regulation of immune response regulating signaling pathway	number of gene 50 100
activation of immune response immune response–activating cell surface receptor signaling pathway defense response to other organism regulation of response to biotic stimulus	150 200
immune response-regulating cell surface receptor signaling pathway	p.adjust
antigen receptor-mediated signaling pathway	5e-08 4e-08 3e-08 2e-08 1e-08

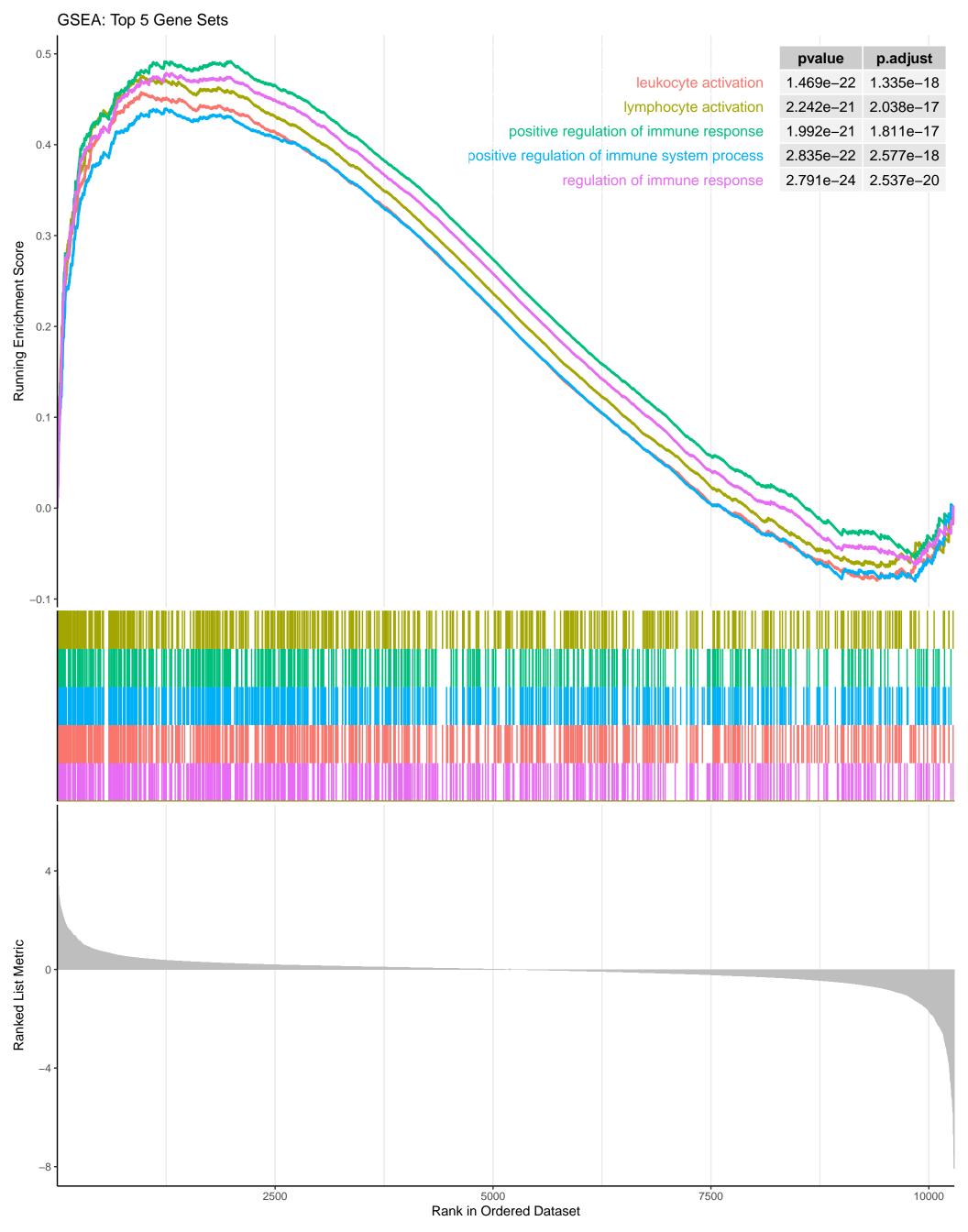
antigen processing and presentation of exogenous peptide antigen via MHC class II

tissue morphogenesis









Enriched Pathways for KEGG activated suppressed Protein digestion and absorption Autoimmune thyroid disease Allograft rejection -Neutrophil extracellular trap formation ECM-receptor interaction Graft-versus-host disease Lysosome · Asthma · p.adjust Type I diabetes mellitus 2e-04 4e-04 Antigen processing and presentation 6e-04 8e-04 Cytoskeleton in muscle cells -Count Rheumatoid arthritis Small cell lung cancer-Arrhythmogenic right ventricular cardiomyopathy Axon guidance Focal adhesion Gap junction -Hypertrophic cardiomyopathy Th17 cell differentiation -PI3K-Akt signaling pathway 0.2 0.3 0.4 0.5 0.2 0.3 0.4 0.5

GeneRatio

Antigen processing and presentation

Type I diabet	es mellitus Graft-versus-hos	t disease		
Autoimn Systemic lupus erythematosu	Allograft rejection	Tubana	tokine receptor interaction	
	Intestinal immune network for Ast Inflammatory bowel di	hma	aiooio	
Neutrophil extracellular	trap formation	Leishmaniasis Prima	ry immunodeficiency	number of gen 25 50 75
	Th17 cell differentiation Th1 and Th2 cell diffe	rentiation	ex virus 1 infection	p.adjust 5e-04 4e-04
Small cell lung cancer Focal adhesion			Measles	3e-04
		NOD-like receptor sig	naling pathway	
	n in muscle cells genic right ventricular cardiom		eptor signaling pathway	
Hypertrophic card	iomyopathy	Lvsosome		

Protein digestion and absorption

Lysosome

