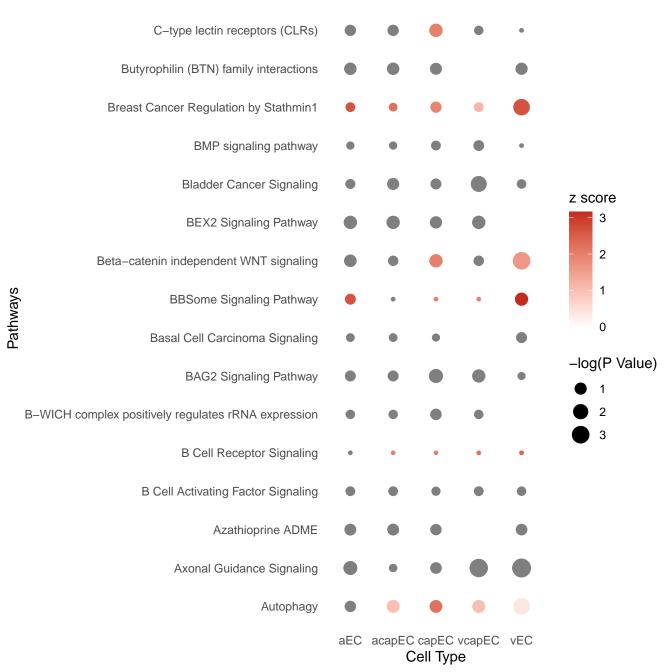
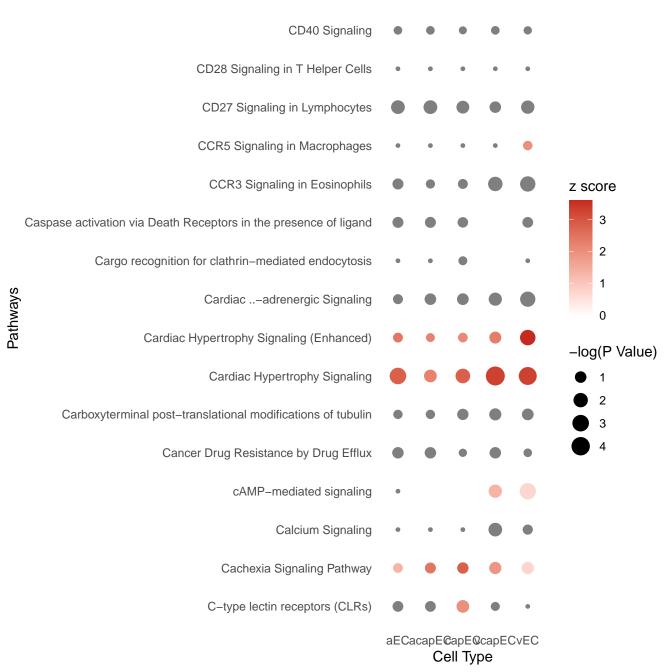
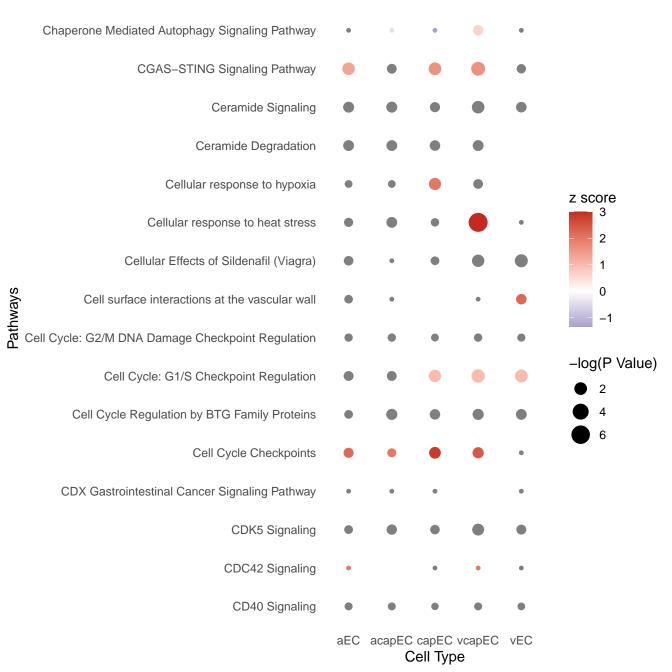
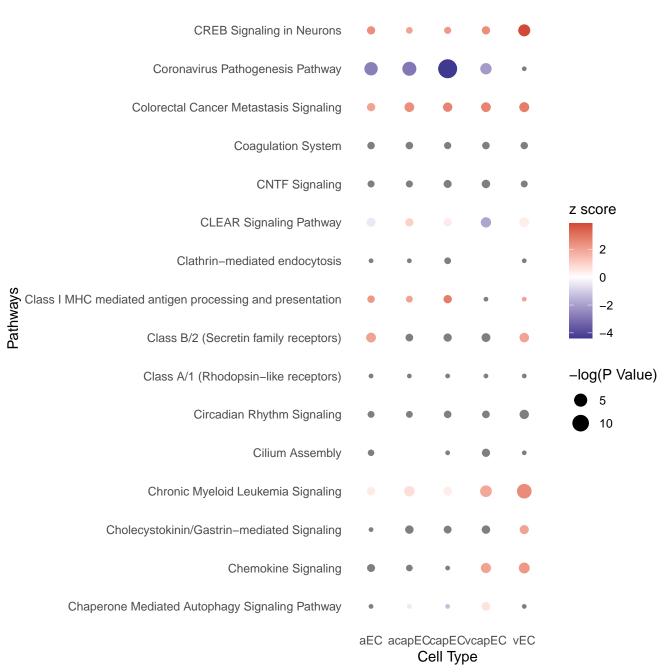


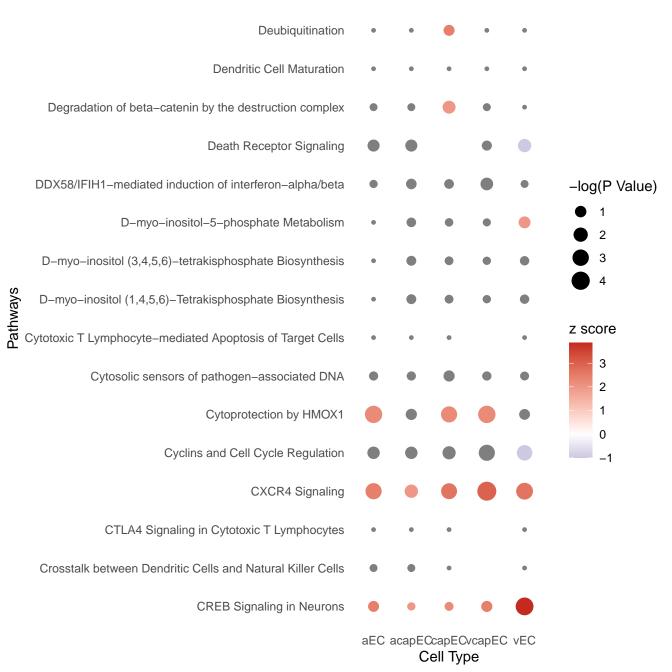
	Autophagy	•	•	•			
	Autoimmune Thyroid Disease Signaling	•	•	•		•	
	Autism Signaling Pathway	•	•	•	•	•	
	ATM Signaling		•	•	•	•	
	Atherosclerosis Signaling	•	•	•	•	•	-log(P Value)
	Assembly of RNA Polymerase II Complex	•	•	•	•		• 1 • 2
	Aryl Hydrocarbon Receptor Signaling						<ul><li>2</li><li>3</li></ul>
ays	April Mediated Signaling	•	•	•	•	•	4
Pathways	Apoptosis Signaling						z score
_	Apelin Muscle Signaling Pathway		•	•			2 1
	Apelin Liver Signaling Pathway	•	•	•		•	0
	Apelin Endothelial Signaling Pathway	•	•	•			1 2
	Apelin Cardiomyocyte Signaling Pathway			•	•		
	Apelin Cardiac Fibroblast Signaling Pathway	•		•		•	
Δ	Intiproliferative Role of Somatostatin Receptor 2			•			
,	Antioxidant Action of Vitamin C						
	Antionidant Action of Vitaliiii C	aEC	acapEC	capEC	vcapEC	vEC	
		420		Cell Typ		0	

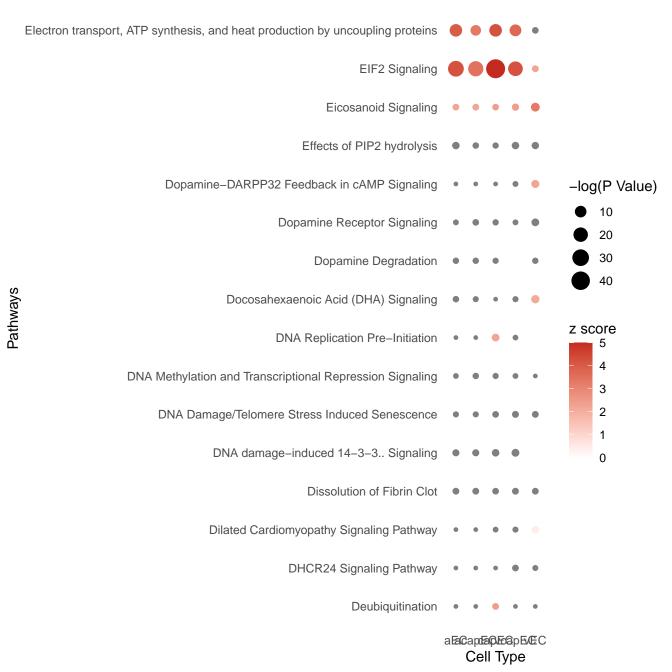


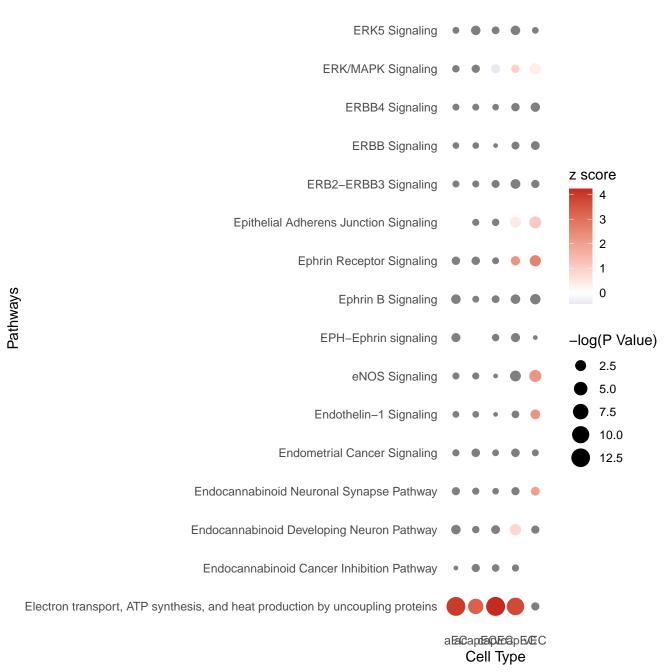


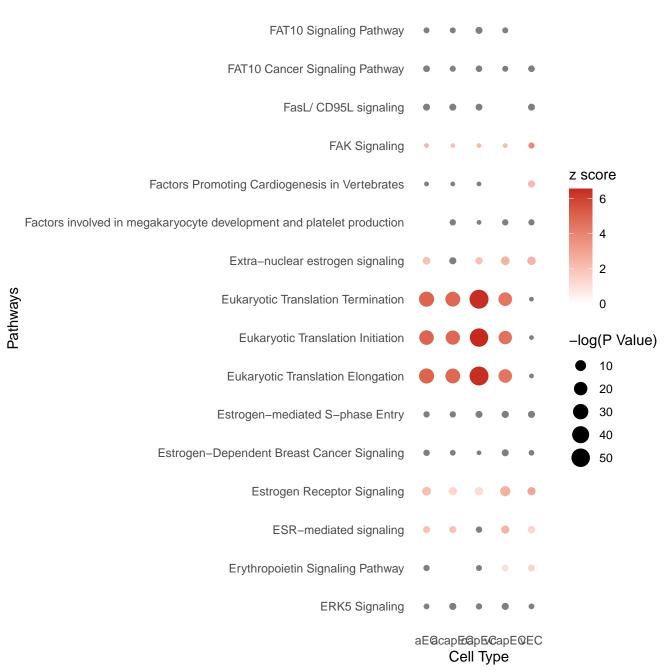






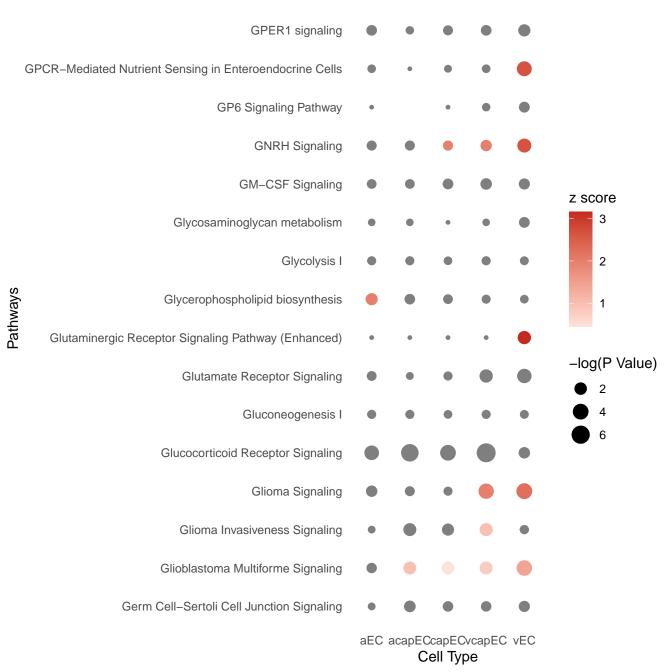


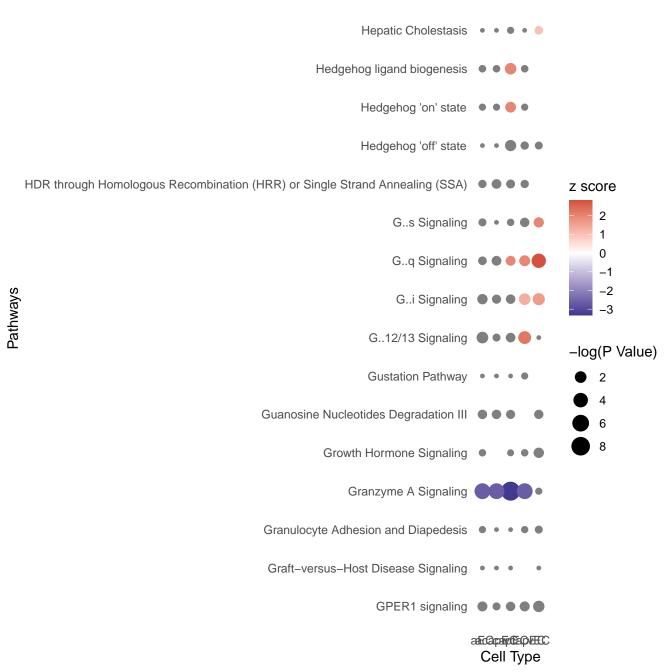




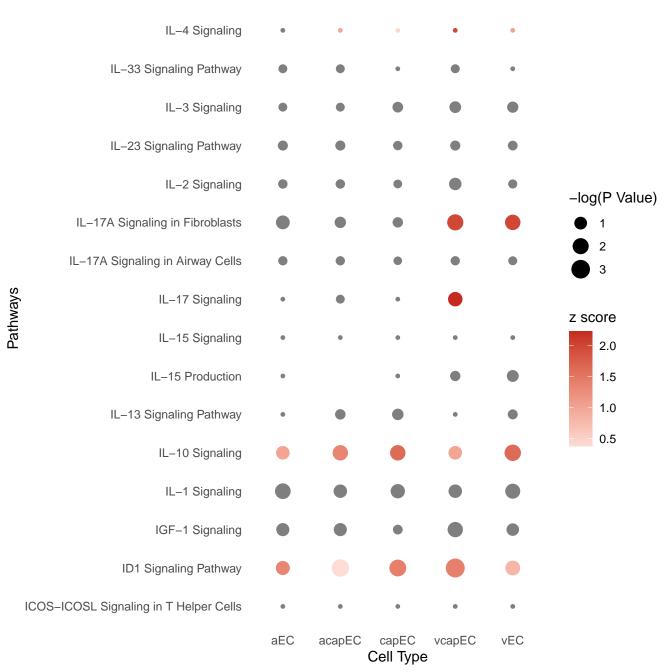
	G alpha (q) signalling events	•	•	•	•	•		
	G alpha (i) signalling events	•	•	•	•			
	G alpha (12/13) signalling events							
	FXR/RXR Activation	•	•	•	•			
	FOXO-mediated transcription of cell cycle genes	•					-log(P Value)	
	FOXO-mediated transcription	•		•	•	•	<ul><li>1</li><li>2</li></ul>	
	Folate Signaling Pathway	•	•	•	•		<ul><li>3</li><li>4</li></ul>	
Pathways	fMLP Signaling in Neutrophils		•	•			•	
Path	FLT3 Signaling in Hematopoietic Progenitor Cells	•	•	•	•	•	z score	
	FLT3 Signaling		•	•	•		2 1	
	Ferroptosis Signaling Pathway						0	
	FcRIIB Signaling in B Lymphocytes	•	•	•	•	•	-1	
F	cgamma receptor (FCGR) dependent phagocytosis		•	•	•			
	Fc Epsilon RI Signaling	•	•	•	•	•		
	Fc epsilon receptor (FCERI) signaling		•		•	•		
	FAT10 Signaling Pathway	•	•		•			
aEC acapEC capEC vcapEC vEC <b>Cell Type</b>								

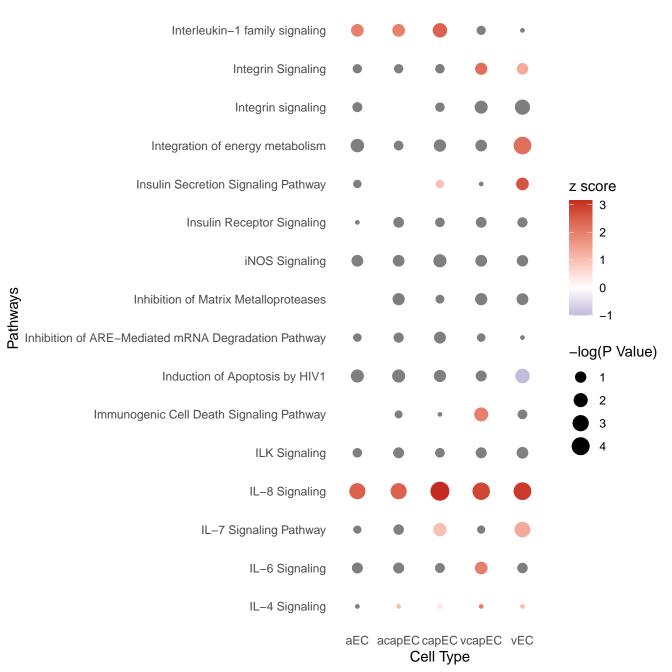
	Germ Cell–Sertoli Cell Junction Signaling	•	•	•	•	•	
	Gene Silencing by RNA	•	•	•	•	•	
	GDNF Family Ligand–Receptor Interactions	•	•	•	•	•	
	Gap junction trafficking and regulation	•					
	Gap Junction Signaling	•	•	•	•		z score 3.0
	GADD45 Signaling	•		•	•		2.5
(	GABAergic Receptor Signaling Pathway (Enhanced)	•	•	•	•		2.0 1.5
vays	GABA Receptor Signaling	•	•		•		1.0
Pathways	GABA receptor activation	•	•	•	•	•	-log(P Value)
	G-Protein Coupled Receptor Signaling				•		<ul><li>1</li><li>2</li></ul>
	G-protein beta:gamma signalling		•	•			3
	G Protein Signaling Mediated by Tubby	•	•	•	•	•	<ul><li>4</li><li>5</li></ul>
	G Beta Gamma Signaling	•	•	•	•		
	G alpha (z) signalling events	•	•	•	•		
	G alpha (s) signalling events	•	•	•	•	•	
	G alpha (q) signalling events	•	•	•	•	•	
		aEC		capEC Cell Typ		vEC	



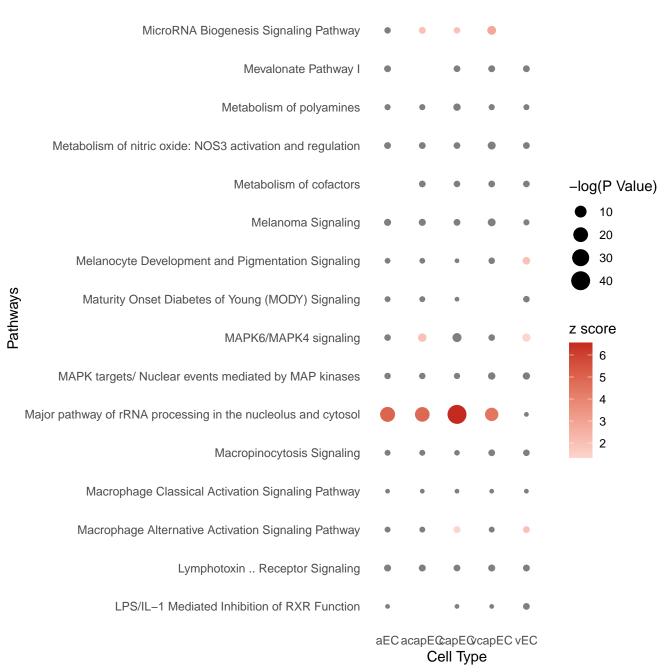




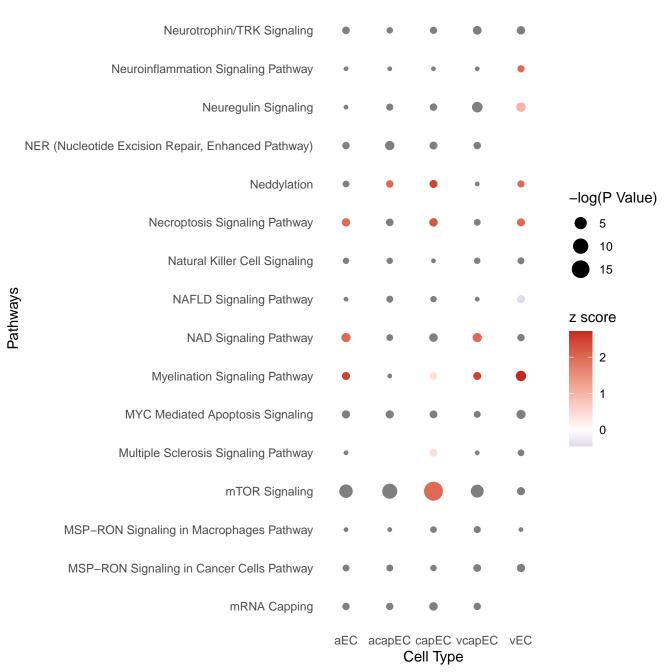




LF	PS/IL-1 Mediated Inhibition of RXR Function	•		•	•	•	
	LPS-stimulated MAPK Signaling		•	•			
	Leukocyte Extravasation Signaling	•	•	•			
	L1CAM interactions	•	•	•			
	Kinetochore Metaphase Signaling Pathway		•	•	•	•	
	Ketone body metabolism						z score 2.4
	Ketogenesis						2.0
Pathways	KEAP1-NFE2L2 pathway						1.6 1.2
Path	JAK/STAT Signaling						
	ISGylation Signaling Pathway	•	•	•	•		-log(P Value)
	ISG15 antiviral mechanism	•	•			•	<ul><li>1</li><li>2</li></ul>
	Iron uptake and transport					•	
	Ion channel transport	•	•				
	Intrinsic Pathway for Apoptosis	•	•	•			
	Interleukin-4 and Interleukin-13 signaling						
	Interleukin–1 family signaling				•	•	
		aEC	acapEC	capEC Cell Typ		vEC	

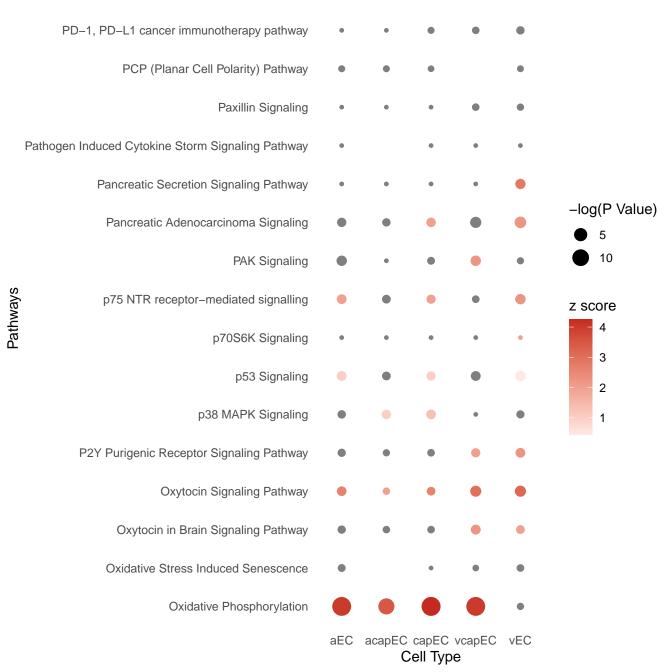


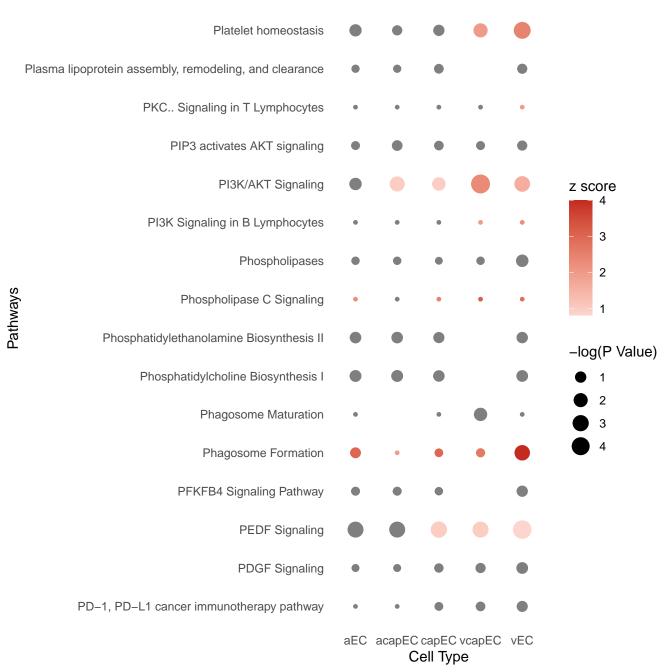
	mRNA Capping	•	•	•	•		
	Mouse Embryonic Stem Cell Pluripotency	•	•	•	•	•	
	Molecular Mechanisms of Cancer	•	•	•	•		
	Mitotic Roles of Polo-Like Kinase	•	•	•	•	•	
	Mitotic Prophase	•	•	•	•	•	z score
	Mitotic Prometaphase	•	•	•	•	•	2
	Mitotic Metaphase and Anaphase	•	•			•	0
Pathways	Mitotic G2-G2/M phases	•	•	•	•	•	2
Path	Mitotic G1 phase and G1/S transition	•	•			•	<del></del> -4
	Mitophagy	•	•	•	•	•	-log(P Value)
	Mitochondrial protein import		•	•		•	<ul><li>2.5</li><li>5.0</li></ul>
	Mitochondrial Dysfunction					•	7.5
1	Miscellaneous transport and binding events	•	•	•	•		
	MIF-mediated Glucocorticoid Regulation	•	•	•	•	•	
	MIF Regulation of Innate Immunity	•	•	•	•	•	
	MicroRNA Biogenesis Signaling Pathway	•					
		aEC	acapEC	vEC			

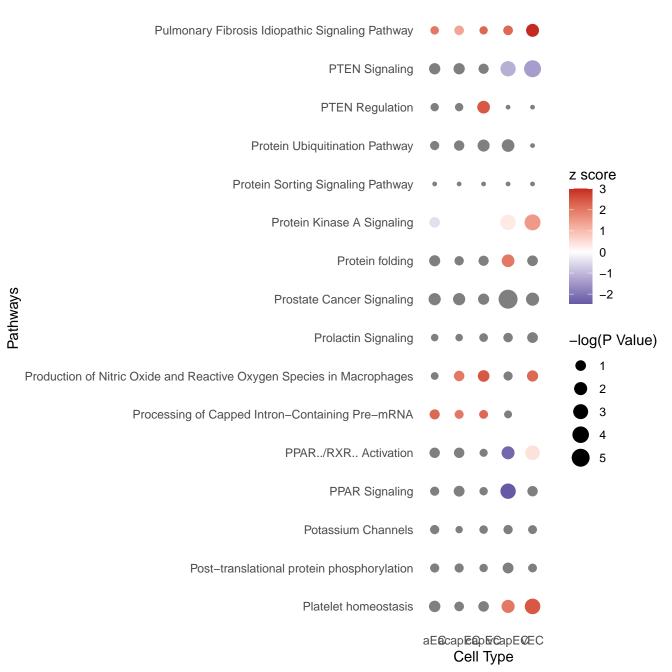


	Nonsense-Mediated Decay (NMD)		•		•	•	
	Non-Small Cell Lung Cancer Signaling	•	•	•	•	•	
	NOD1/2 Signaling Pathway	•	•	•		•	
	nNOS Signaling in Neurons	•	•	•	•	•	
	NLR signaling pathways	•	•	•	•	•	z score
1	Nitric Oxide Signaling in the Cardiovascular System		•	•	•		6
	NIK>noncanonical NF-kB signaling	•	•	•	•		4
Pathways	NGF-stimulated transcription		•	•	•	•	- 2
Path	NGF Signaling	•	•	•	•	•	-log(P Value)
	NFKBIE Signaling Pathway	•	•	•	•	•	<ul><li>10</li><li>10</li></ul>
	NFB Signaling	•	•	•	•	•	<ul><li>20</li><li>30</li></ul>
	NFB Activation by Viruses	•	•	•	•	•	40
	Neutrophil Extracellular Trap Signaling Pathway	•	•	•	•	•	
	Neutrophil degranulation	•	•	•	•	•	
	Neurovascular Coupling Signaling Pathway	•	•	•	•	•	
	Neurotrophin/TRK Signaling	•	•	•	•	•	
		aEC	acapEC C	capEC Cell Typ		vEC	

	Oxidative Phosphorylation	•	•	•	•	•	
	OX40 Signaling Pathway	•	•	•	•	•	
	Ovarian Cancer Signaling	•	•	•	•	•	
	Osteoarthritis Pathway	•	•		•		
	Orexin Signaling Pathway	•	•	•	•	•	-log(P Value)
							<ul><li>10</li></ul>
	Opioid Signalling	•	•	•	•	•	<b>2</b> 0
	Opioid Signaling Pathway	•	•	•			<b>3</b> 0
S							40
۷ay	Oncostatin M Signaling	•	•	•	•	•	
Pathways	Oncogene Induced Senescence	•		•	•	•	z score
<u>п</u>							6
	O-linked glycosylation	•	•	•	•	•	4
	Nucleotide Excision Repair Pathway	•	•	•	•		- 2
	Nucleotide Excision Repair	•	•	•	•		0
	Nucleotide catabolism	•	•	•		•	
	NRF2-mediated Oxidative Stress Response	•	•	•	•	•	
I	NoRC negatively regulates rRNA expression	•	•	•	•		
	Nonsense-Mediated Decay (NMD)					•	
		aEC		capEC Cell Type		vEC	

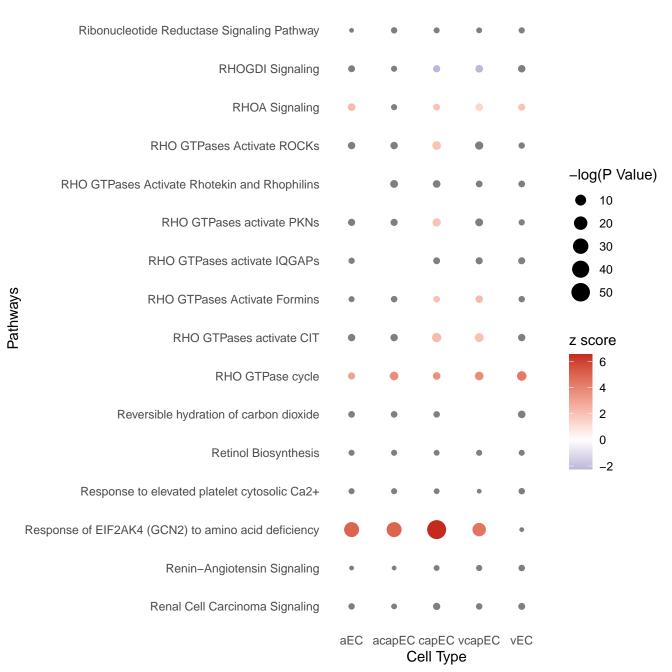




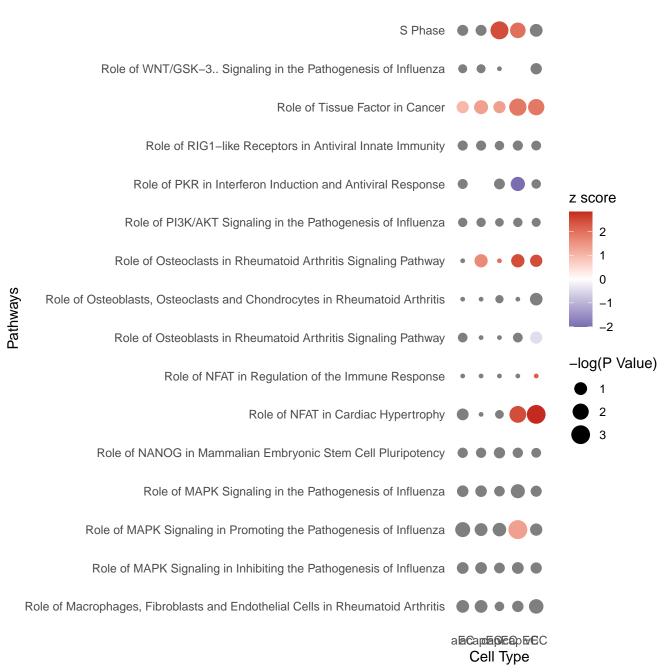


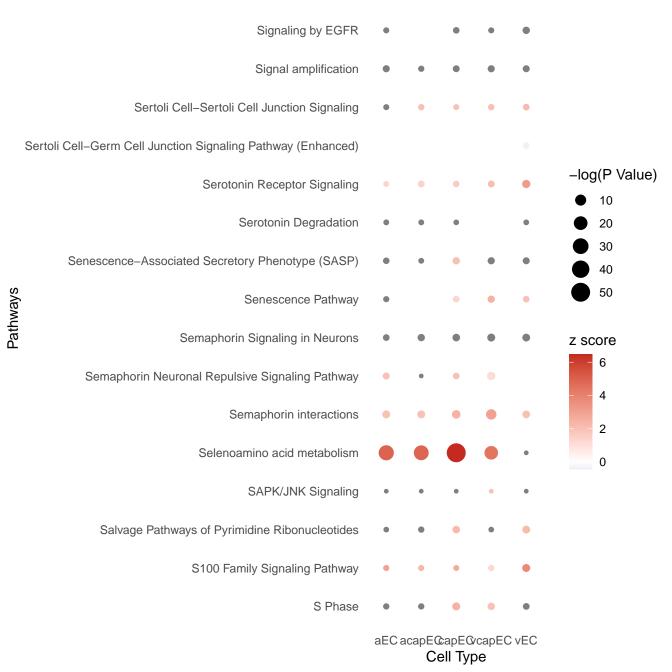
	Regulation of Apoptosis	•	•		•		
	Regulation of Actin-based Motility by Rho		•				
	Reelin Signaling in Neurons	•	•		•	•	
	RAS processing	•	•		•	•	
	RAR Activation	•					z score
	Rap1 signalling			•			3.0
	RANK Signaling in Osteoclasts	•	•	•	•		2.0
vays	RAF/MAP kinase cascade	•	•				1.5
Pathways	RAF-independent MAPK1/3 activation				•		1.0
	RAC Signaling	•	•	•			–log(P Value) ● 1
	Pyroptosis Signaling Pathway	•		•	•	•	<b>2</b>
	Pyridoxal 5'-phosphate Salvage Pathway	•			•		<b>3</b>
	PXR/RXR Activation	•		•	•	•	
	Purine Nucleotides Degradation II (Aerobic)	•	•	•		•	
	Pulmonary Healing Signaling Pathway						
	Pulmonary Fibrosis Idiopathic Signaling Pathway	•		•			
		aEC		capEC Cell Typ	vcapEC <b>e</b>	vEC	











	Small Cell Lung Cancer Signaling	•	•	•	•		
	Sleep REM Signaling Pathway	•	•	•	•	•	
	Sleep NREM Signaling Pathway	•	•	•	•	•	
	Sirtuin Signaling Pathway					•	
	Signaling by VEGF	•	•	•	•		z score
	Signaling by the B Cell Receptor (BCR)	•	•	•	•	•	2
	Signaling by ROBO receptors	•	•	•	•	•	1 0
Pathways	Signaling by Rho Family GTPases		•				-1 -2
Path	Signaling by PDGF	•	•	•	•	•	-2
	Signaling by NTRK1 (TRKA)	•	•	•	•		-log(P Value)
	Signaling by NOTCH4	•	•		•		4
	Signaling by MET	•	•	•	•	•	6
	Signaling by Insulin receptor	•		•	•	•	
	Signaling by FGFR2	•	•	•	•	•	
	Signaling by ERBB4	•		•	•	•	
	Signaling by EGFR	•		•	•		
		aEC	acapEC	capEC Cell Type	vcapEC	vEC	

