





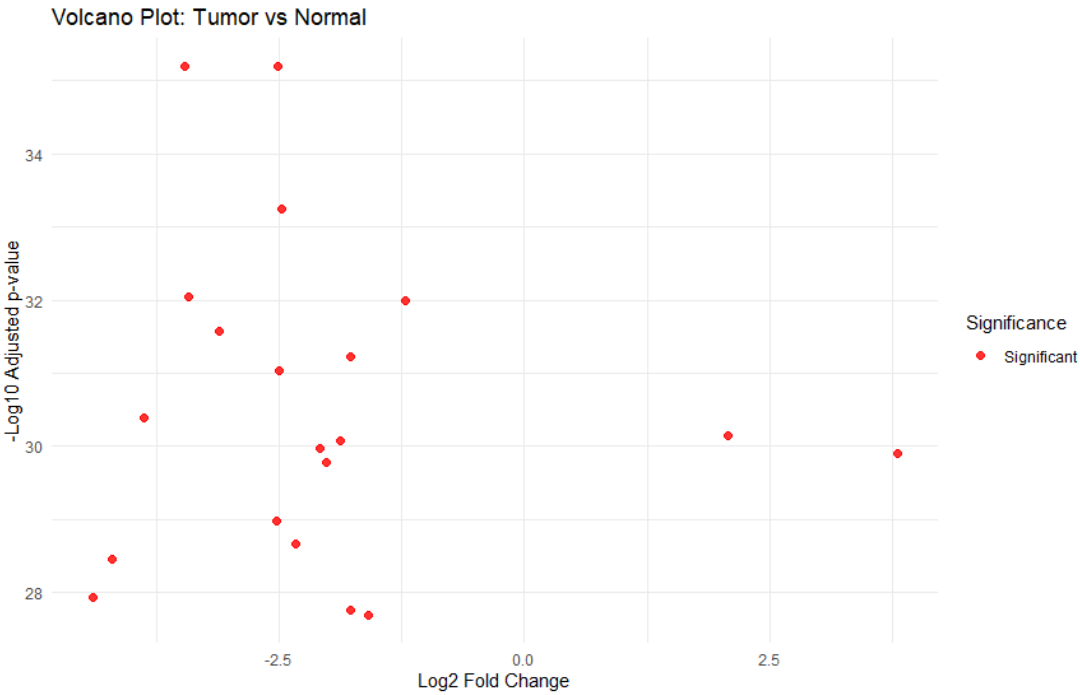
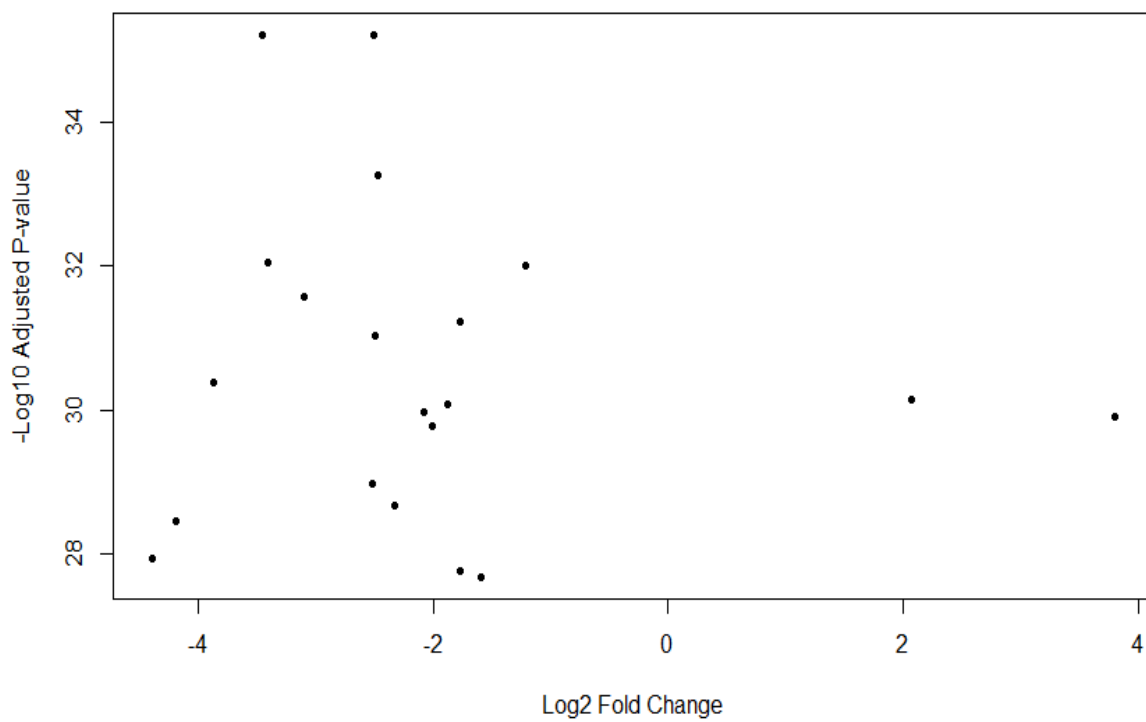
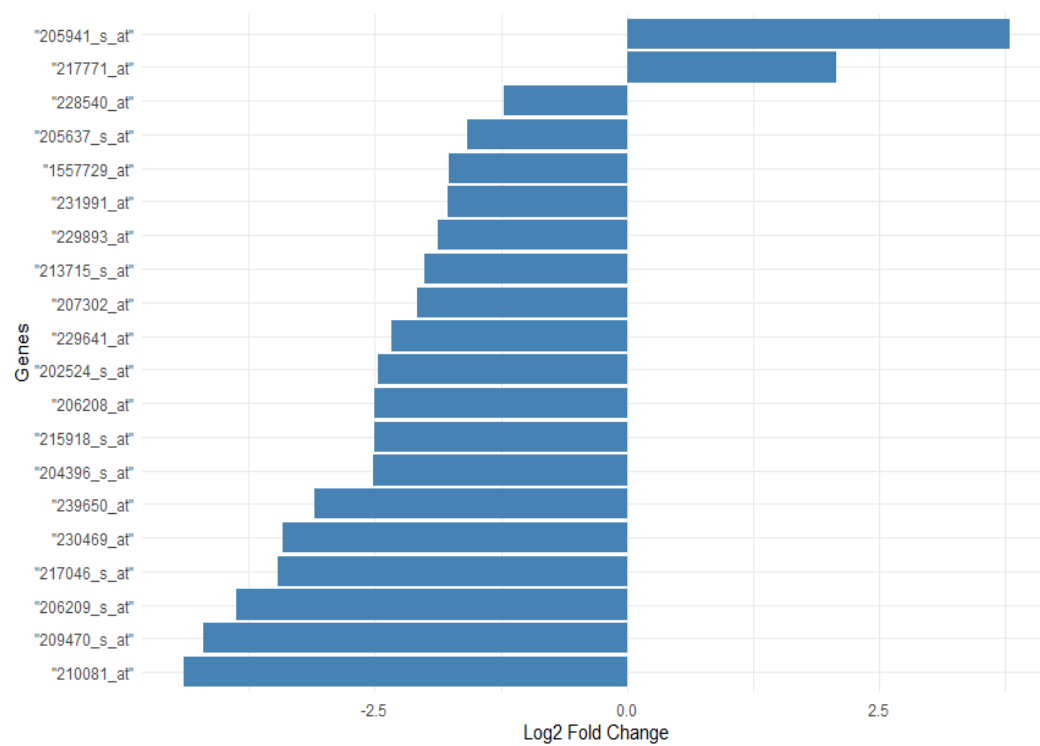
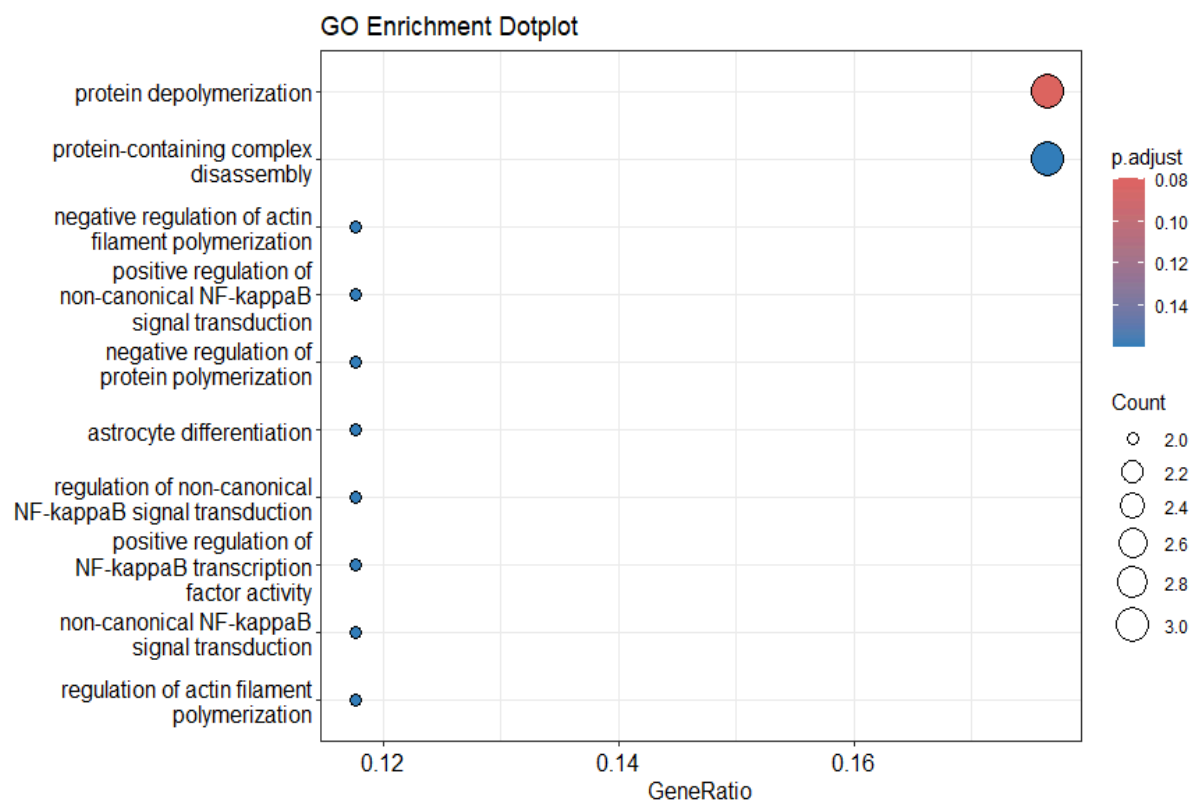
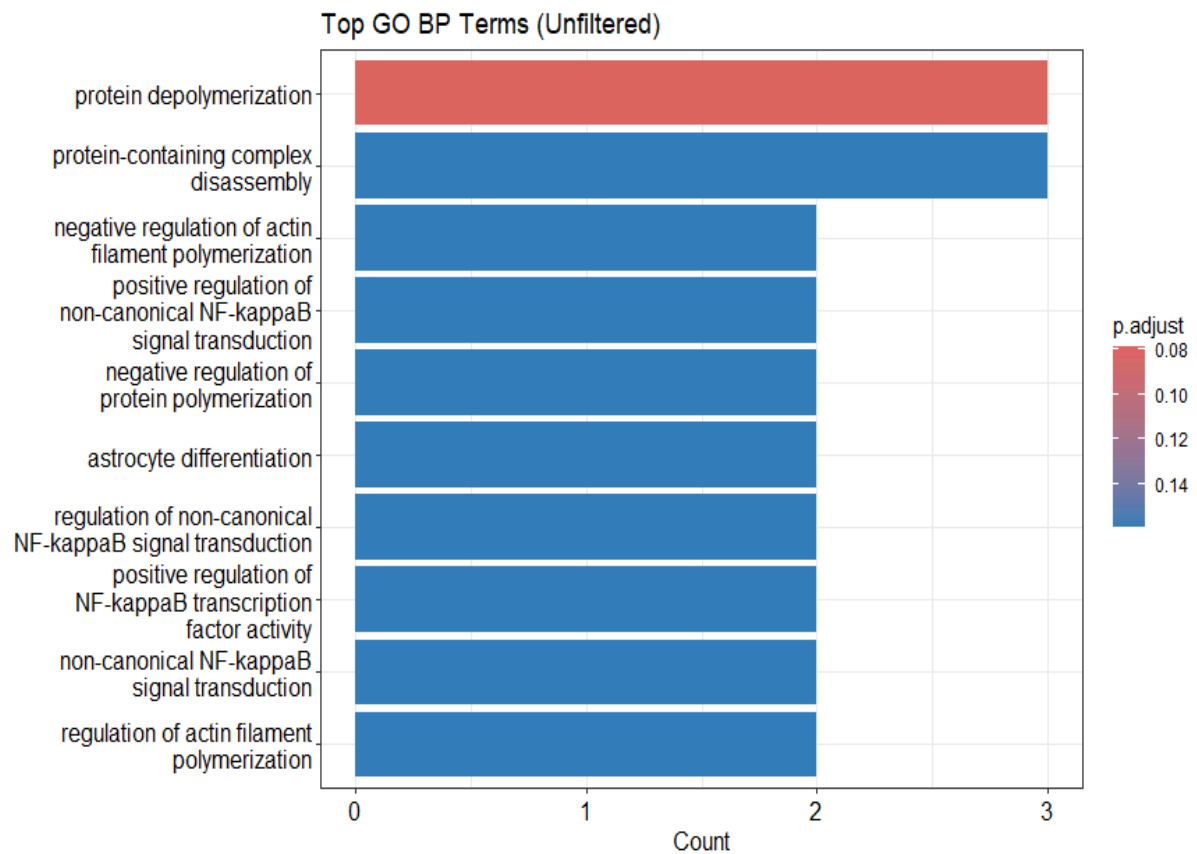


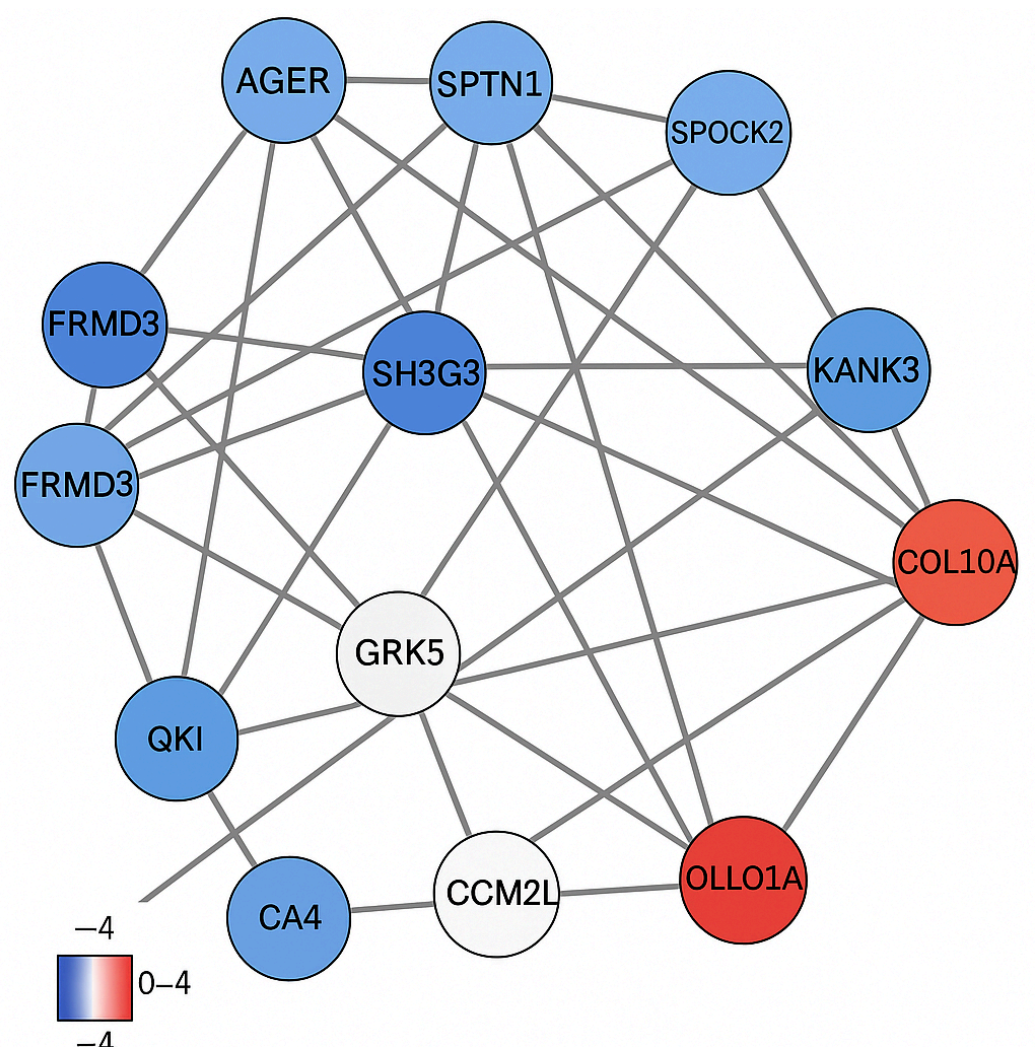
Summary of Key Differentially Expressed Genes (DEGs)

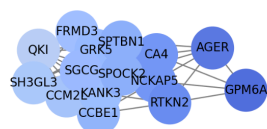
logFC	Pathway/Function	Role in Cancer	Literature Support	Therapy Status
	AGER	<ul style="list-style-type: none">InflammationRAGE receptor	<ul style="list-style-type: none">Overexpressed in various cancers, actiated with inflammation and tumor progression	Not currently targeted
	COL10A1	<ul style="list-style-type: none">Extracellular matrix remodeling	<ul style="list-style-type: none">Overexpressed in multiple-cancers, linked to tumor progression prognosis	Investigational blomarker
	GRK5	<ul style="list-style-type: none">GPCR signalingRegulates GPCR signaling	<ul style="list-style-type: none">Downregulation hampers cancer cell migration, potential tumor suppressor	Nature Article
	GPM6A	<ul style="list-style-type: none">PI3K/AKT pathway inhibition	<ul style="list-style-type: none">Suppressing lung adenociarcino progesessionPotential tumor suppresso	PMC9574424
	RTKN2	<ul style="list-style-type: none">Rho GTPase signaling	<ul style="list-style-type: none">Associated with unfavorable prognosis in NSCLC. promotes tumor	Potential therapeutic target
	QKI	<ul style="list-style-type: none">RNA binding, alternative splicing	<ul style="list-style-type: none">Frequently downregulated in lung cancer, essociated with poor prognosis	Potential prognostic mar-ker











COL10A1

GOLM1

