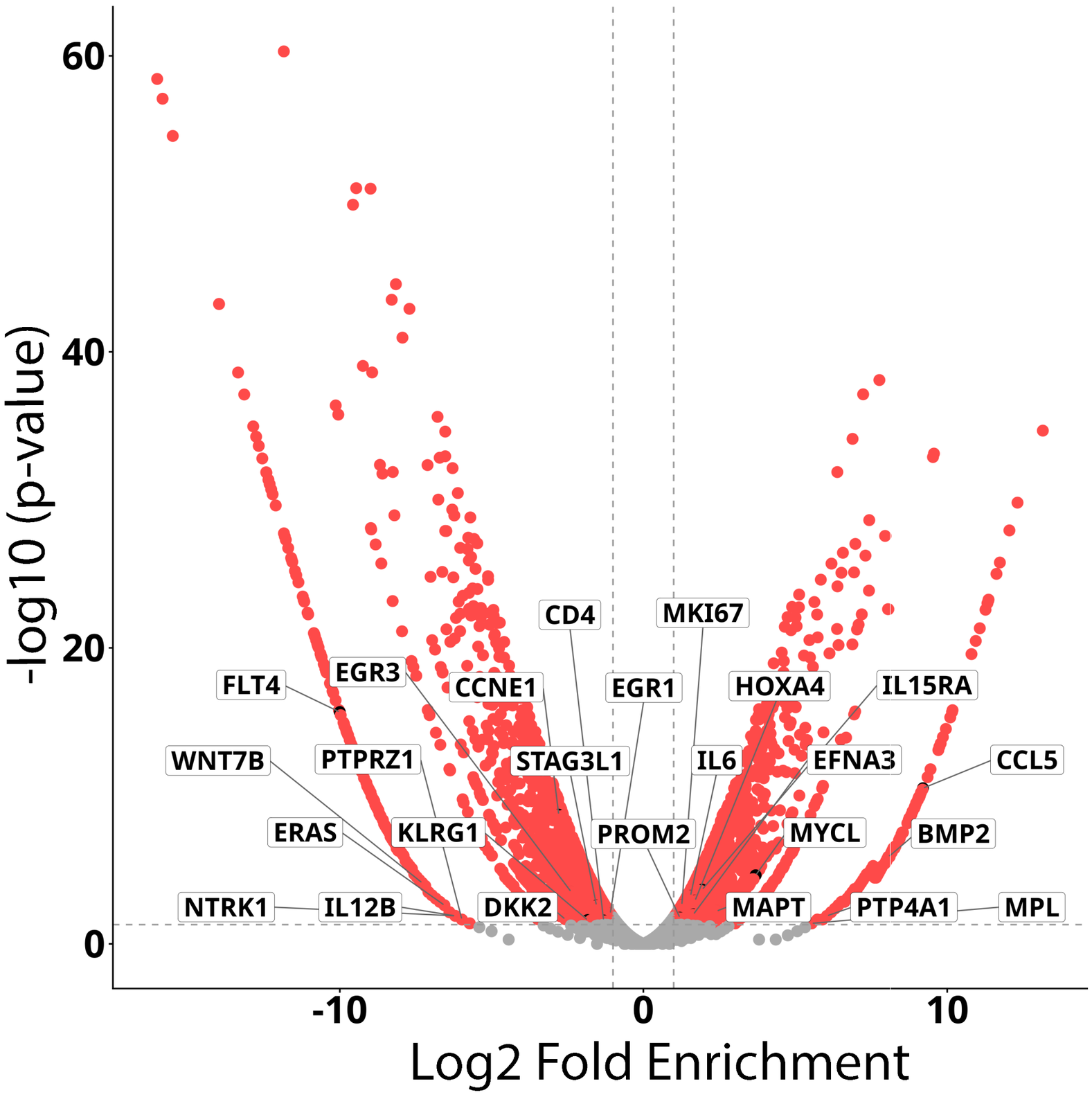
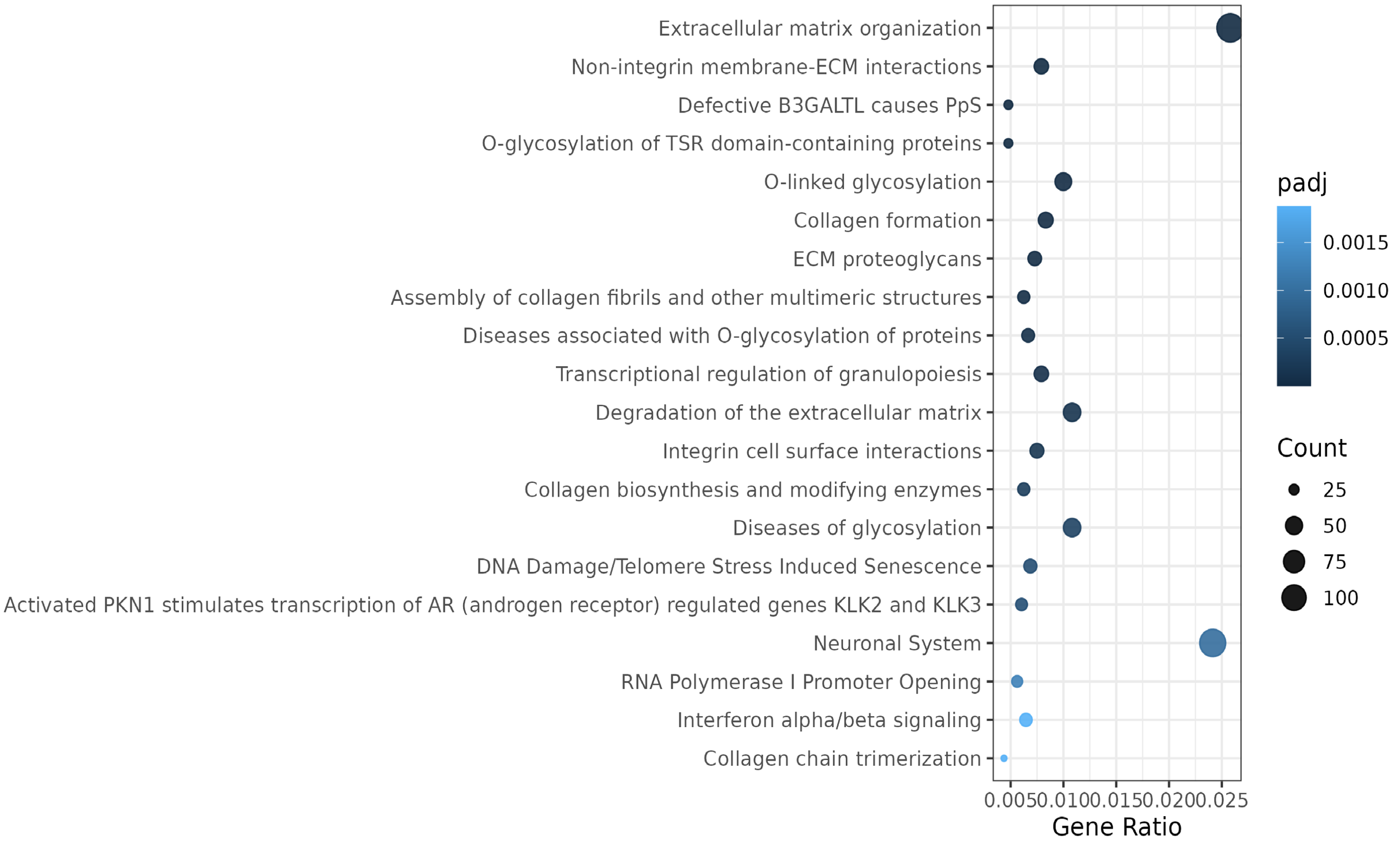
a


ERCC6_WT_Control vs ERCC6_K337X_Control
-log10 (p-value)
60
40
20
0
-10
0
10
Log2 Fold Enrichment
CD4
MKI67
FLT4
EGR3
CCNE1
EGR1
HOXA4
IL15RA
WNT7B
PTPRZ1
STAG3L1
IL6
EFNA3
CCL5
ERAS
KLRG1
PROM2
MYCL
BMP2
NTRK1
IL12B
DKK2
MAPT
PTP4A1
MPL

b


ERCC6_WT_Control vs ERCC6_K337X_Control
Extracellular matrix organization
Non-integrin membrane-ECM interactions
Defective B3GALTL causes PpS
O-glycosylation of TSR domain-containing proteins
O-linked glycosylation
Collagen formation
ECM proteoglycans
Assembly of collagen fibrils and other multimeric structures
Diseases associated with O-glycosylation of proteins
Transcriptional regulation of granulopoiesis
Degradation of the extracellular matrix
Integrin cell surface interactions
Collagen biosynthesis and modifying enzymes
Diseases of glycosylation
DNA Damage/Telomere Stress Induced Senescence
Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3
Neuronal System
RNA Polymerase I Promoter Opening
Interferon alpha/beta signaling
Collagen chain trimerization
0.005
0.010
0.015
0.020
0.025
Gene Ratio
padj
0.0015
0.0010
0.0005
Count
25
50
75
100