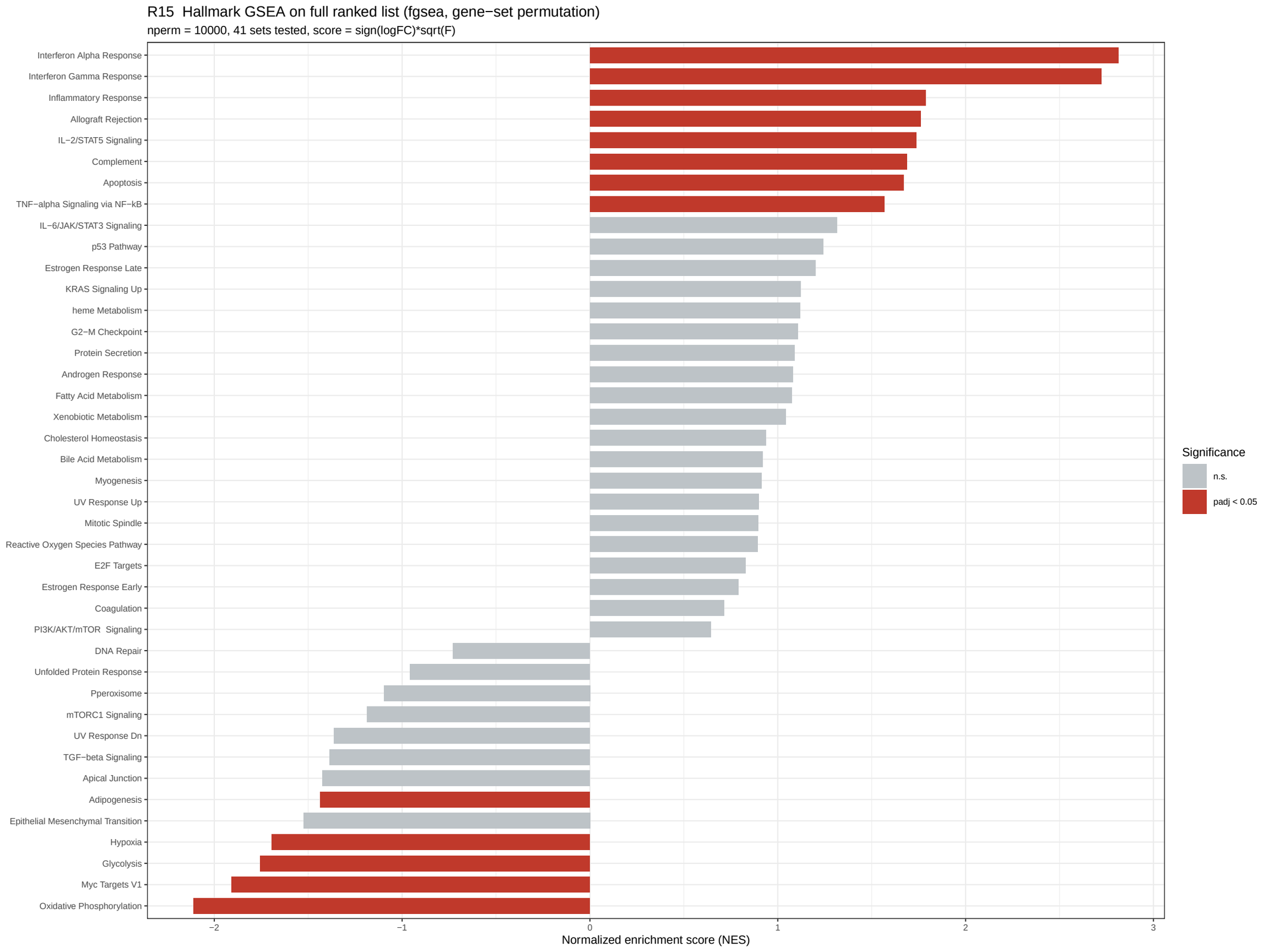
R15 Hallmark GSEA on full ranked list (fgsea, gene−set permutation)
nperm = 10000, 41 sets tested, score = sign(logFC)*sqrt(F)
Interferon Alpha Response
Interferon Gamma Response
Inflammatory Response
Allograft Rejection
IL−2/STAT5 Signaling
Complement
Apoptosis
TNF−alpha Signaling via NF−kB
IL−6/JAK/STAT3 Signaling
p53 Pathway
Estrogen Response Late
KRAS Signaling Up
heme Metabolism
G2−M Checkpoint
Protein Secretion
Androgen Response
Fatty Acid Metabolism
Xenobiotic Metabolism
Cholesterol Homeostasis
Bile Acid Metabolism
Myogenesis
UV Response Up
Mitotic Spindle
Reactive Oxygen Species Pathway
E2F Targets
Estrogen Response Early
Coagulation
PI3K/AKT/mTOR Signaling
DNA Repair
Unfolded Protein Response
Pperoxisome
mTORC1 Signaling
UV Response Dn
TGF−beta Signaling
Apical Junction
Adipogenesis
Epithelial Mesenchymal Transition
Hypoxia
Glycolysis
Myc Targets V1
Oxidative Phosphorylation
−2
−1
0
1
2
3
Normalized enrichment score (NES)
Significance
n.s.
padj < 0.05