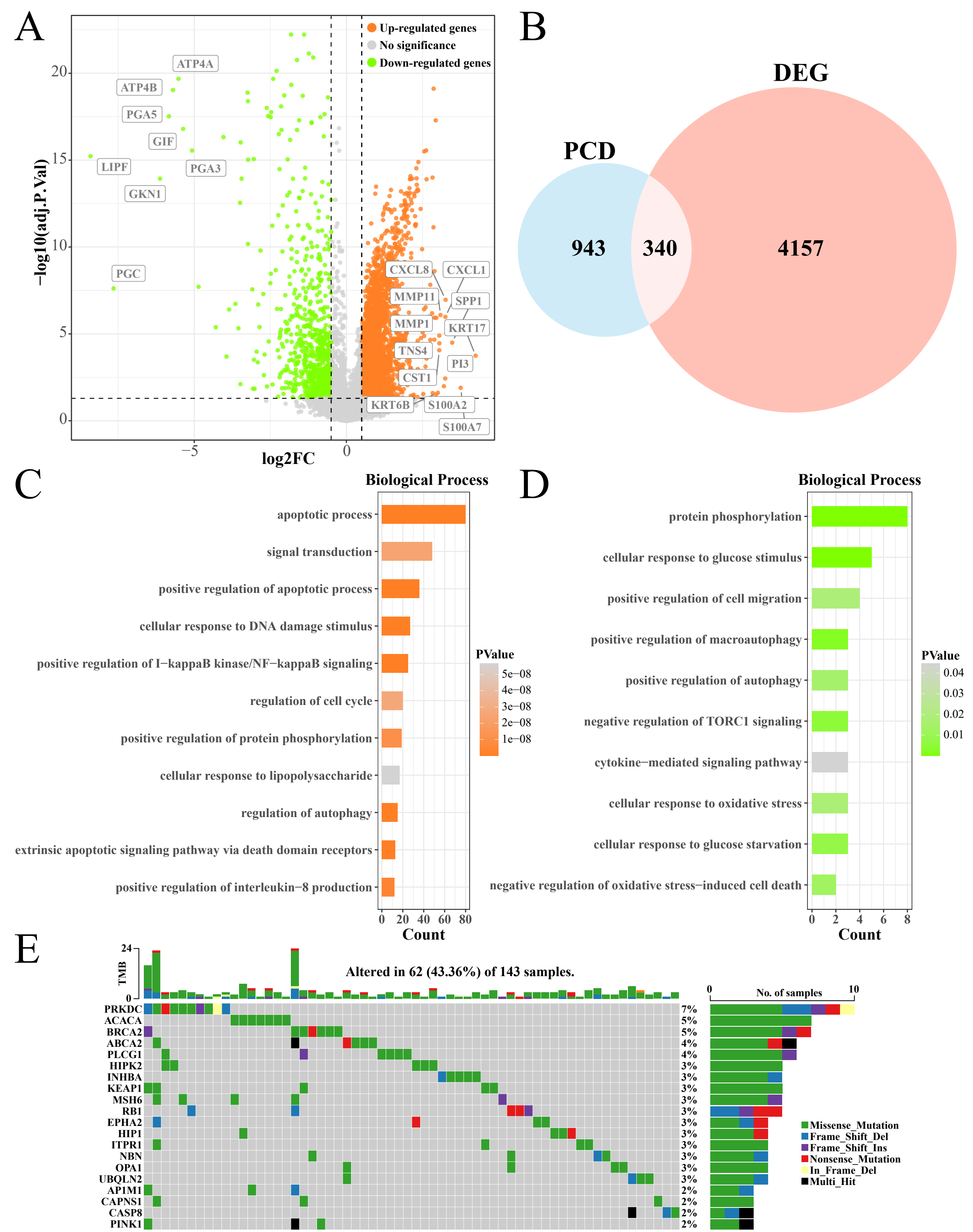
A
Up-regulated genes
No significance
Down-regulated genes
ATP4A
ATP4B
PGA5
GIF
LIPF
PGA3
GKN1
PGC
CXCL8
CXCL1
MMP11
SPP1
MMP1
KRT17
TNS4
PI3
CST1
KRT6B
S100A2
S100A7
−log10(adj.P.Val)
log2FC
B
DEG
PCD
943
340
4157
C
Biological Process
apoptotic process
signal transduction
positive regulation of apoptotic process
cellular response to DNA damage stimulus
positive regulation of I−kappaB kinase/NF−kappaB signaling
regulation of cell cycle
positive regulation of protein phosphorylation
cellular response to lipopolysaccharide
regulation of autophagy
extrinsic apoptotic signaling pathway via death domain receptors
positive regulation of interleukin−8 production
PValue
Count
D
Biological Process
protein phosphorylation
cellular response to glucose stimulus
positive regulation of cell migration
positive regulation of macroautophagy
positive regulation of autophagy
negative regulation of TORC1 signaling
cytokine−mediated signaling pathway
cellular response to oxidative stress
cellular response to glucose starvation
negative regulation of oxidative stress−induced cell death
PValue
Count
E
TMB
Altered in 62 (43.36%) of 143 samples.
No. of samples
PRKDC 7%
ACACA 5%
BRCA2 5%
ABCA2 4%
PLCG1 4%
HIPK2 3%
INHBA 3%
KEAP1 3%
MSH6 3%
RB1 3%
EPHA2 3%
HIP1 3%
ITPR1 3%
NBN 3%
OPA1 3%
UBQLN2 3%
AP1M1 2%
CAPNS1 2%
CASP8 2%
PINK1 2%
Missense_Mutation
Frame_Shift_Del
Frame_Shift_Ins
Nonsense_Mutation
In_Frame_Del
Multi_Hit