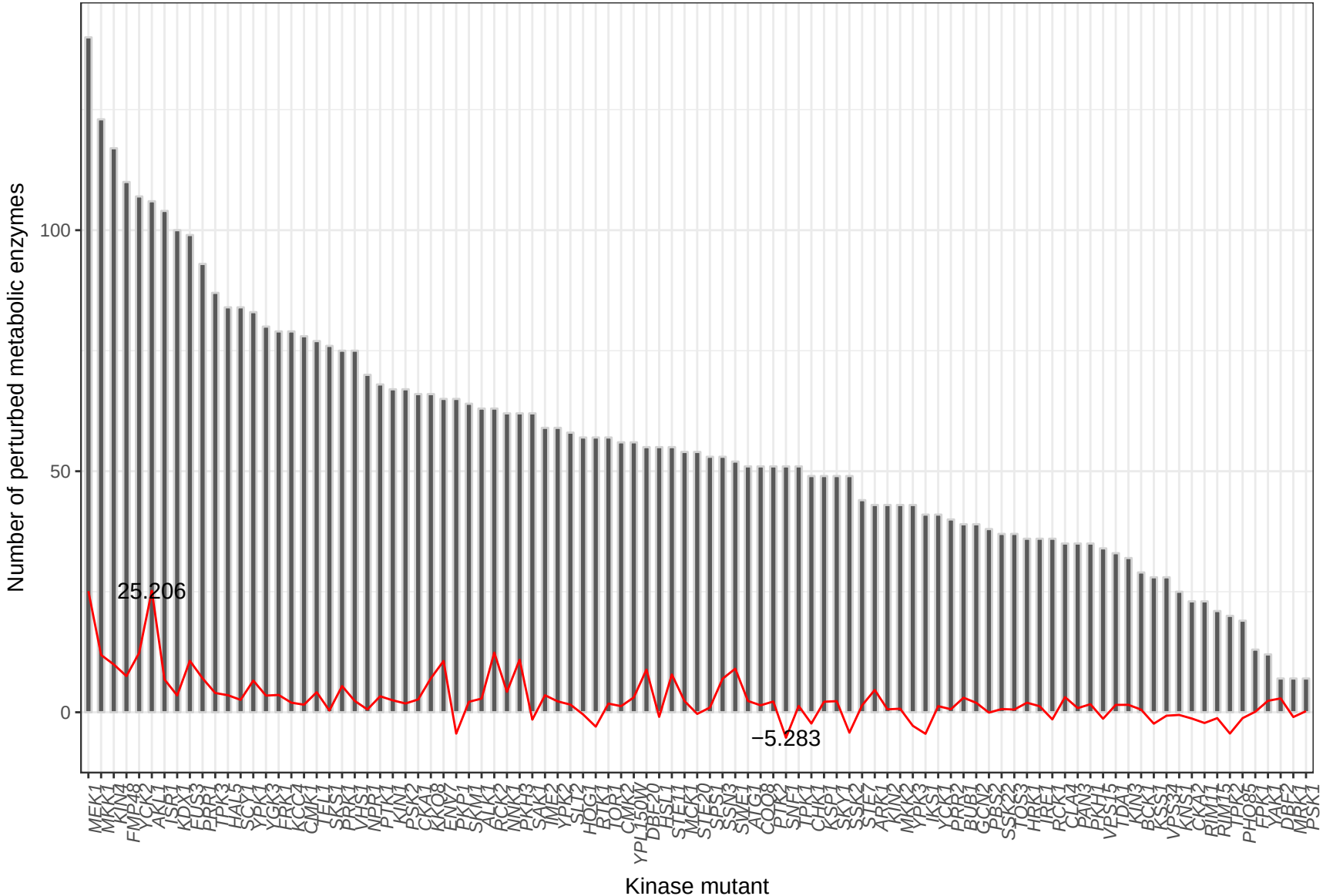
Number of perturbed metabolic enzymes
100
50
0
25.206
−5.283
MEK1
MKK1
KIN4
FMP48
YCK2
AKR1
ISR1
KDX1
EUS3
PRR2
PBK3
TAK1
TAO3
SCY1
YGK3
ERC1
KCC4
CMK1
STE11
SRK1
SRS1
VPS34
NPR1
PTK1
KIN1
PSK2
CKA2
CKQ8
KNS1
PKP1
SKM1
ALK2
RCK2
NYK1
PKH3
SAK1
TPK2
YBL2
SLT2
HOG1
RTK1
TOR1
CMK2
YPL150W
DBF20
HSL1
STE7
MCK1
STE20
SPS1
SSN3
SNF1
ATG1
COG8
PTK2
SNF1
CTK1
CTK1
KSP1
SKY1
SSK2
SGV1
SPS1
ARK1
KIN2
MKK2
YPK3
YKS1
YGK1
PRR2
RUB1
GCN2
PBS2
SSK22
SLO3
HRK1
IRE1
RCK1
RCA4
PKN3
PKH1
VPS15
TDA1
KIN3
BCK1
RSS1
VPS34
KNS1
CKA2
RIM11
RIM15
PHO85
FPK1
YAK1
DBF2
MBK1
PSK1
Kinase mutant