Figure S3

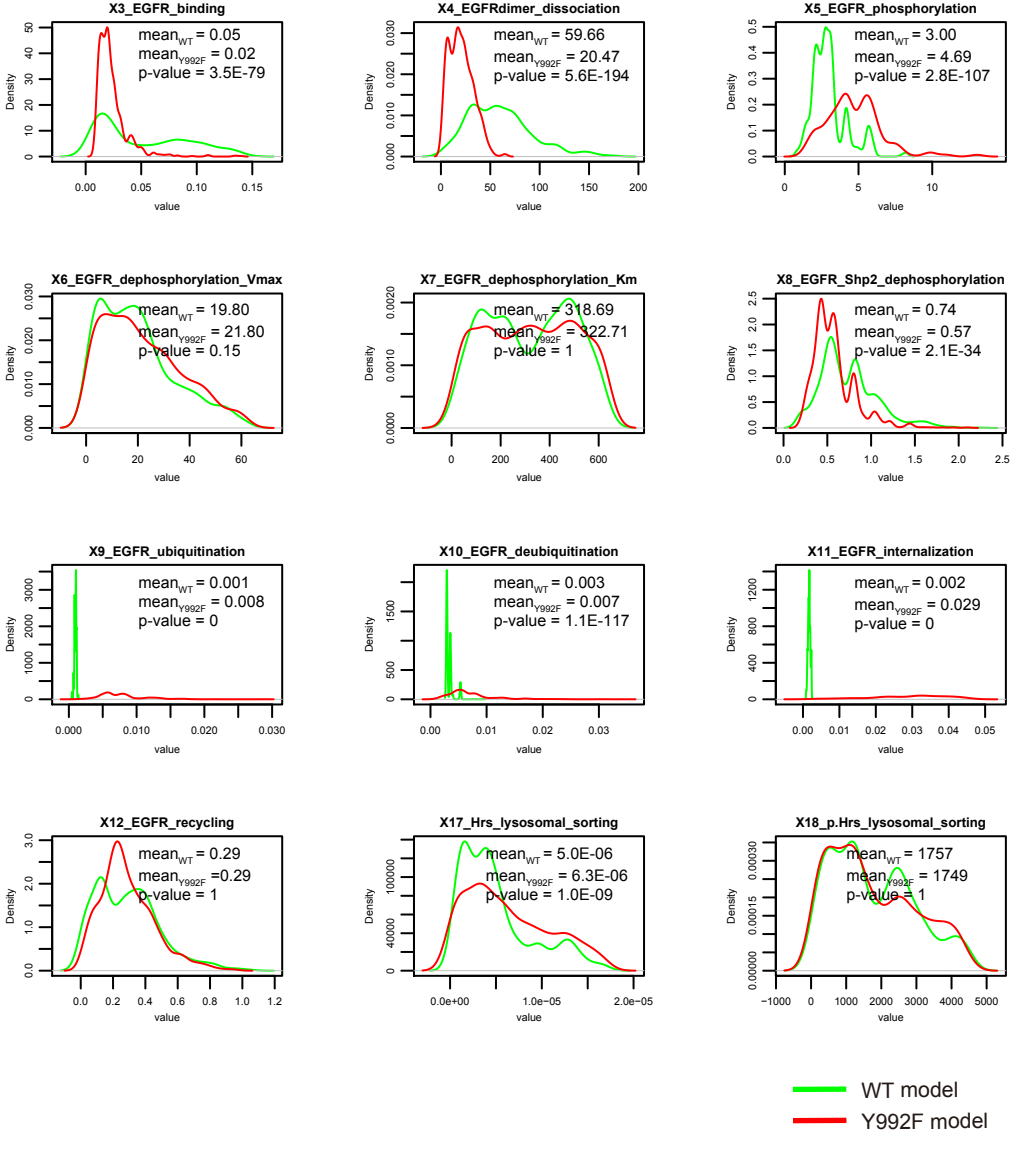
X3_EGFR_binding
mean$_{WT}$ = 0.05
mean$_{Y992F}$ = 0.02
p-value = 3.5E-79
X4_EGFRdimer_dissociation
mean$_{WT}$ = 59.66
mean$_{Y992F}$ = 20.47
p-value = 5.6E-194
X5_EGFR_phosphorylation
mean$_{WT}$ = 3.00
mean$_{Y992F}$ = 4.69
p-value = 2.8E-107
X6_EGFR_dephosphorylation_Vmax
mean$_{WT}$ = 19.80
mean$_{Y992F}$ = 21.80
p-value = 0.15
X7_EGFR_dephosphorylation_Km
mean$_{WT}$ = 318.69
mean$_{Y992F}$ = 322.71
p-value = 1
X8_EGFR_Shp2_dephosphorylation
mean$_{WT}$ = 0.74
mean$_{Y992F}$ = 0.57
p-value = 2.1E-34
X9_EGFR_ubiquitination
mean$_{WT}$ = 0.001
mean$_{Y992F}$ = 0.008
p-value = 0
X10_EGFR_deubiquitination
mean$_{WT}$ = 0.003
mean$_{Y992F}$ = 0.007
p-value = 1.1E-117
X11_EGFR_internalization
mean$_{WT}$ = 0.002
mean$_{Y992F}$ = 0.029
p-value = 0
X12_EGFR_recycling
mean$_{WT}$ = 0.29
mean$_{Y992F}$ =0.29
p-value = 1
X17_Hrs_lysosomal_sorting
mean$_{WT}$ = 5.0E-06
mean$_{Y992F}$ = 6.3E-06
p-value = 1.0E-09
X18_p.Hrs_lysosomal_sorting
mean$_{WT}$ = 1757
mean$_{Y992F}$ = 1749
p-value = 1
Density
value
WT model
Y992F model

Figure S3 continued

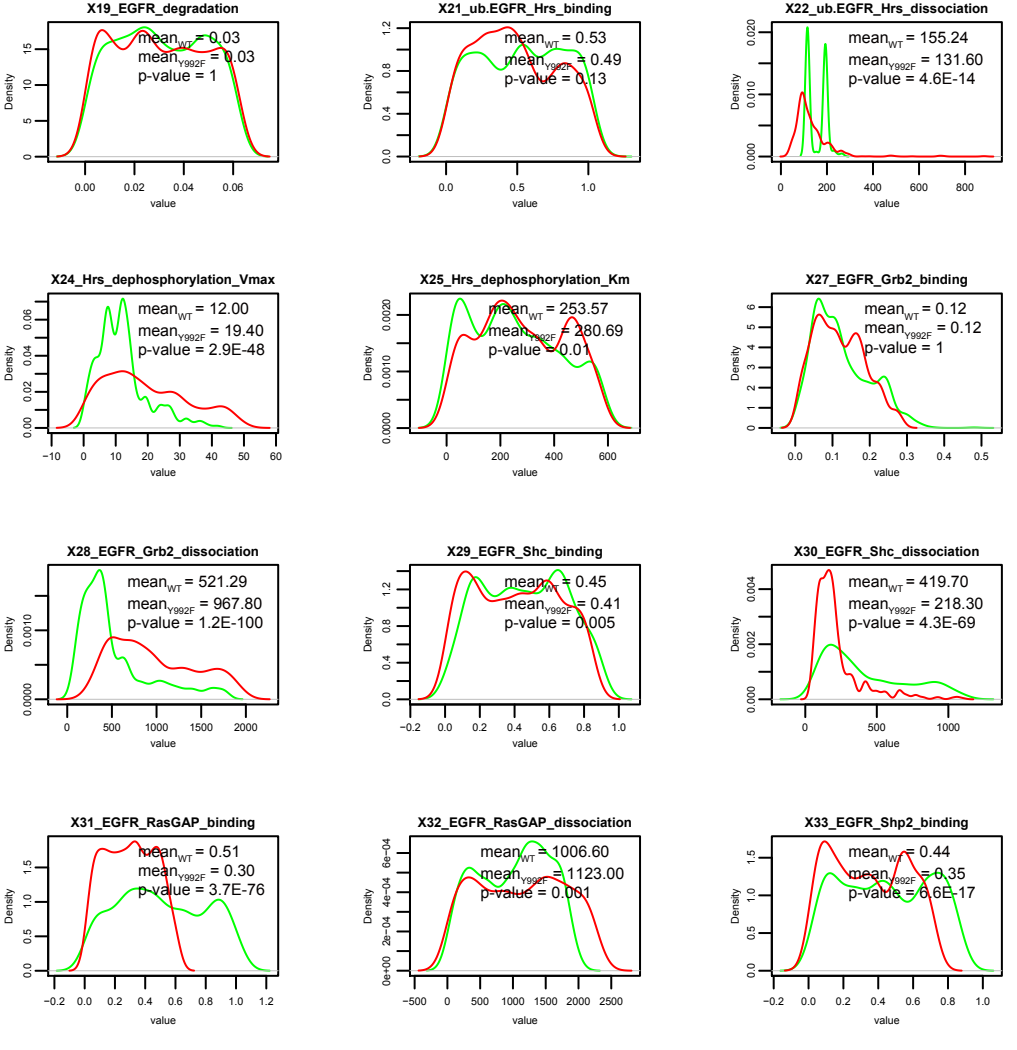

Figure S3 continued

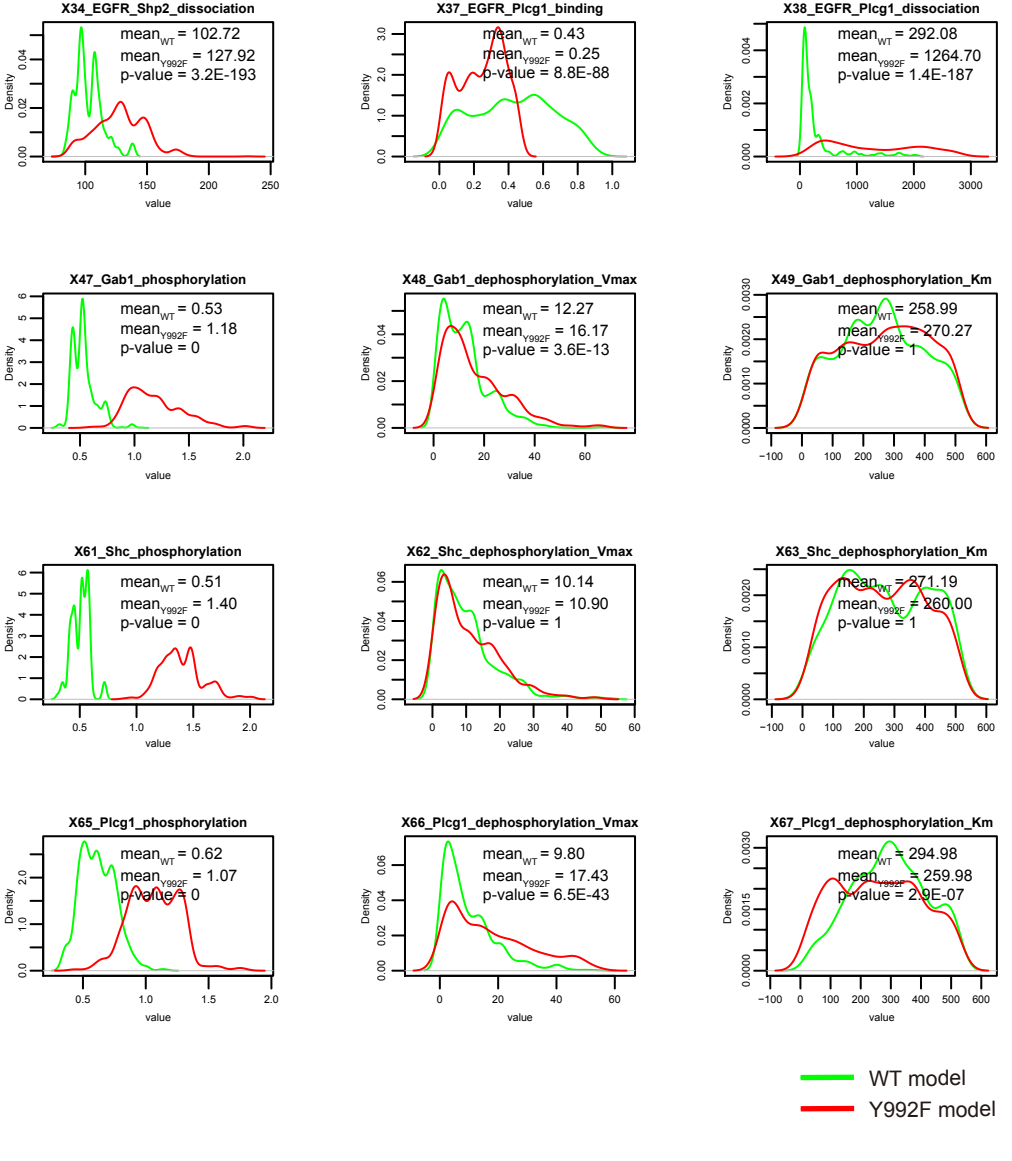

Figure S3 continued

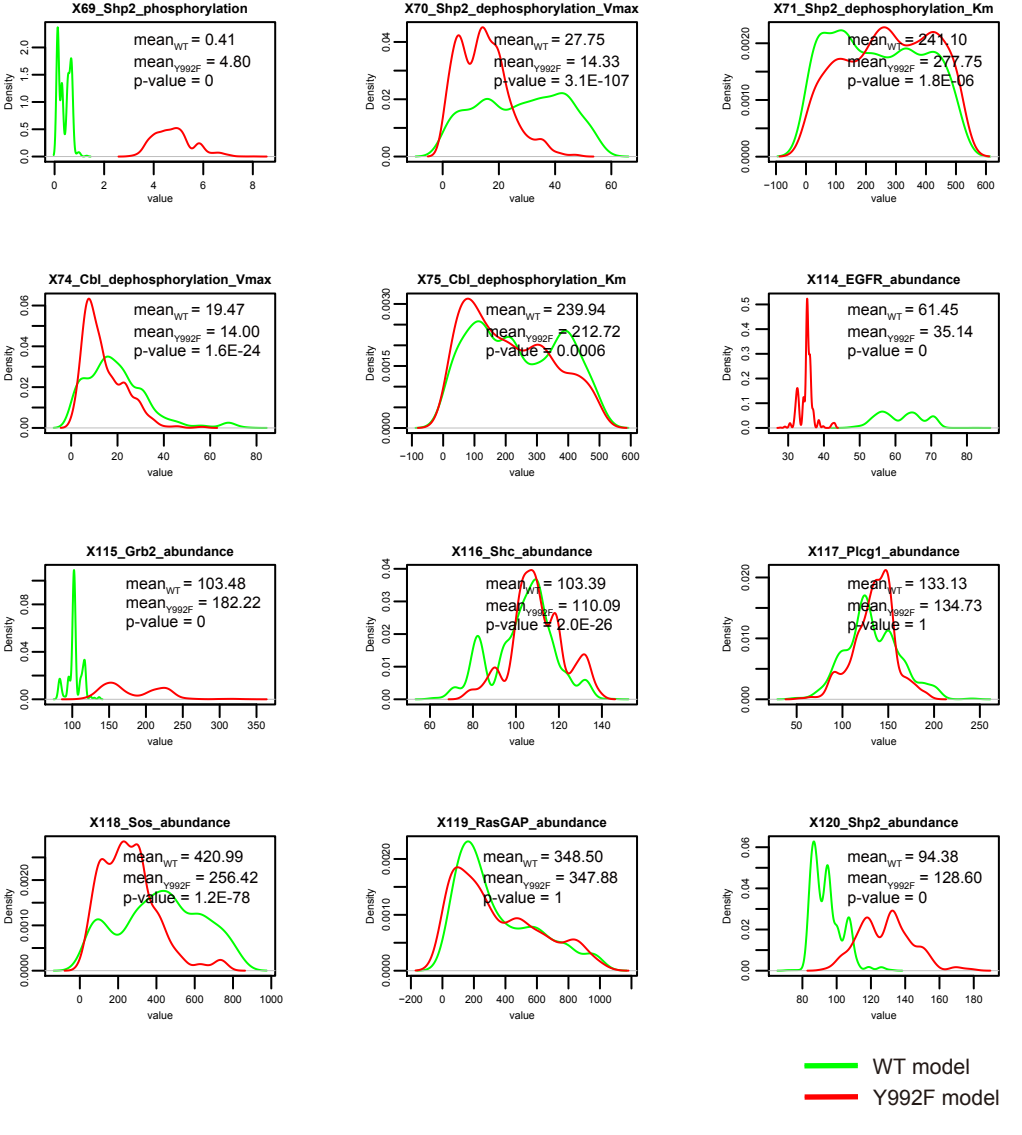
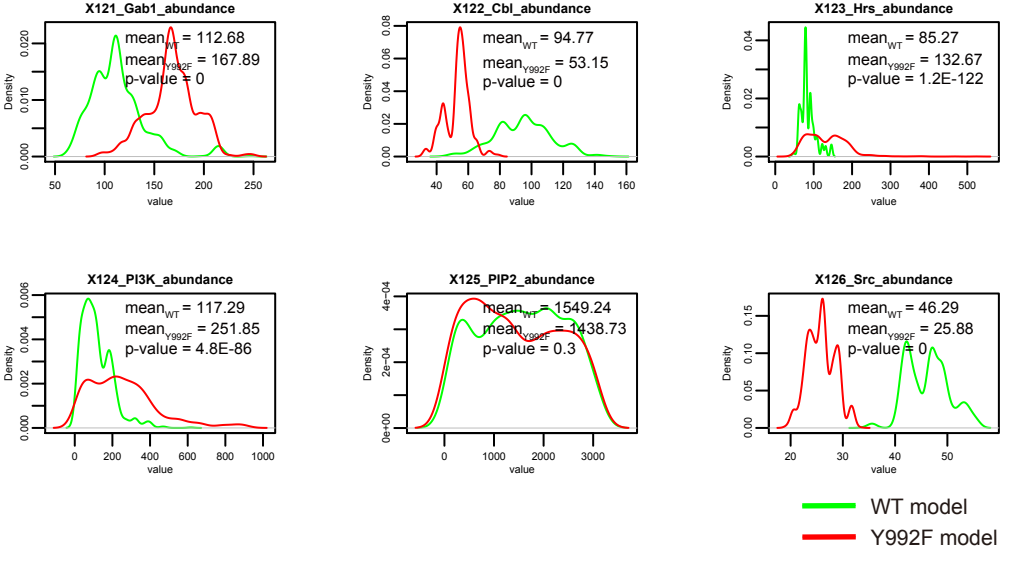
Figure S3 continued