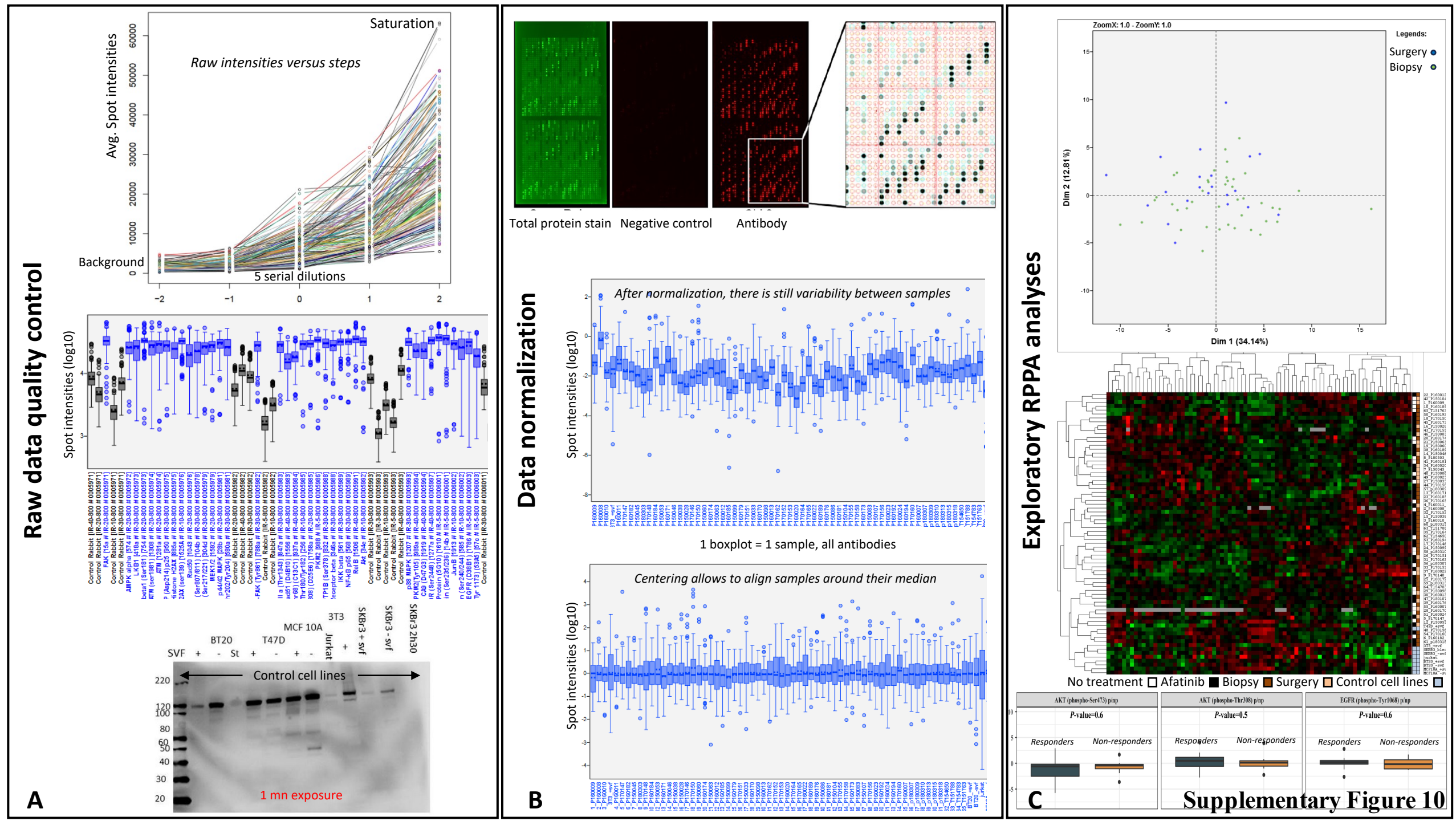
Raw data quality control
Raw intensities versus steps
Saturation
Avg. Spot intensities
Background
5 serial dilutions
Spot intensities (log10)
SVF
BT20
T47D
MCF 10A
3T3
Jurkat
SKBR3 - svf
SKBR3 - 2h30
Control cell lines
1 mn exposure
A
Total protein stain
Negative control
Antibody
Data normalization
After normalization, there is still variability between samples
1 boxplot = 1 sample, all antibodies
Centering allows to align samples around their median
B
Exploratory RPPA analyses
ZoomX: 1.0 - ZoomY: 1.0
Legends:
Surgery
Biopsy
Dim 1 (34.14%)
Dim 2 (12.81%)
No treatment
Afatinib
Biopsy
Surgery
Control cell lines
AKT (phospho-Ser473) p/np
AKT (phospho-Thr308) p/np
EGFR (phospho-Tyr1068) p/np
P-value=0.6
P-value=0.5
P-value=0.6
Responders
Non-responders
C
Supplementary Figure 10