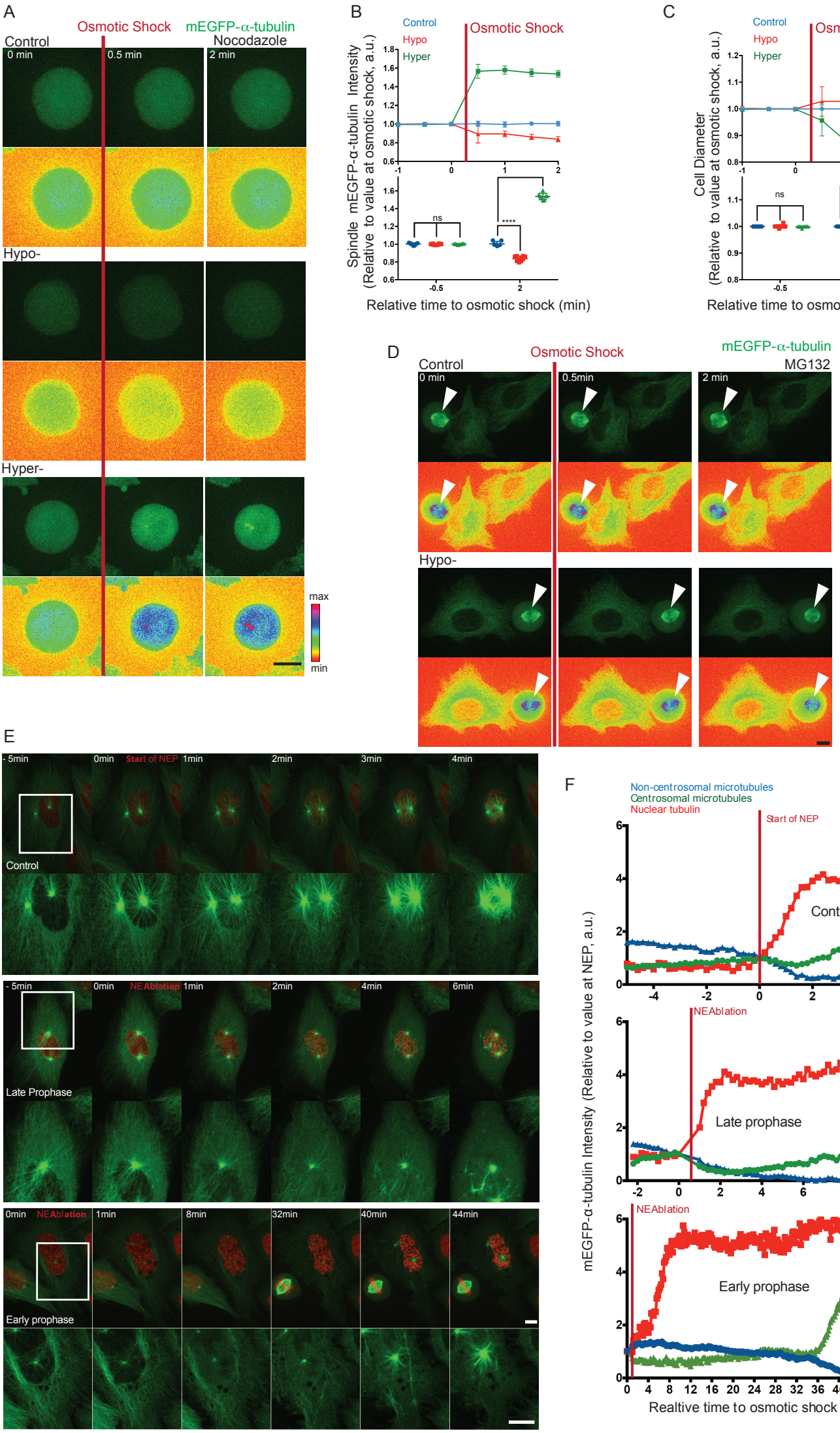
A
Osmotic Shock
mEGFP-α-tubulin
Control
Nocodazole
0 min
0.5 min
2 min
Hypo-
Hyper-
max
min
B
Control
Hypo
Hyper
Osmotic Shock
Spindle mEGFP-α-tubulin Intensity
(Relative to value at osmotic shock, a.u.)
ns
****
Relative time to osmotic shock (min)
C
Control
Hypo
Hyper
Osmotic Shock
Cell Diameter
(Relative to value at osmotic shock, a.u.)
ns
****
****
Relative time to osmotic shock (min)
D
Osmotic Shock
mEGFP-α-tubulin
Control
MG132
0 min
0.5min
2 min
Hypo-
E
- 5min
0min
Start of NEP
1min
2min
3min
4min
Control
- 5min
0min
NEAblation
1min
2min
4min
6min
Late Prophase
0min
NEAblation
1min
8min
32min
40min
44min
Early prophase
F
Non-centrosomal microtubules
Centrosomal microtubules
Nuclear tubulin
Start of NEP
Control
NEAblation
Late prophase
NEAblation
Early prophase
mEGFP-α-tubulin Intensity (Relative to value at NEP, a.u.)
Realtive time to osmotic shock (min)