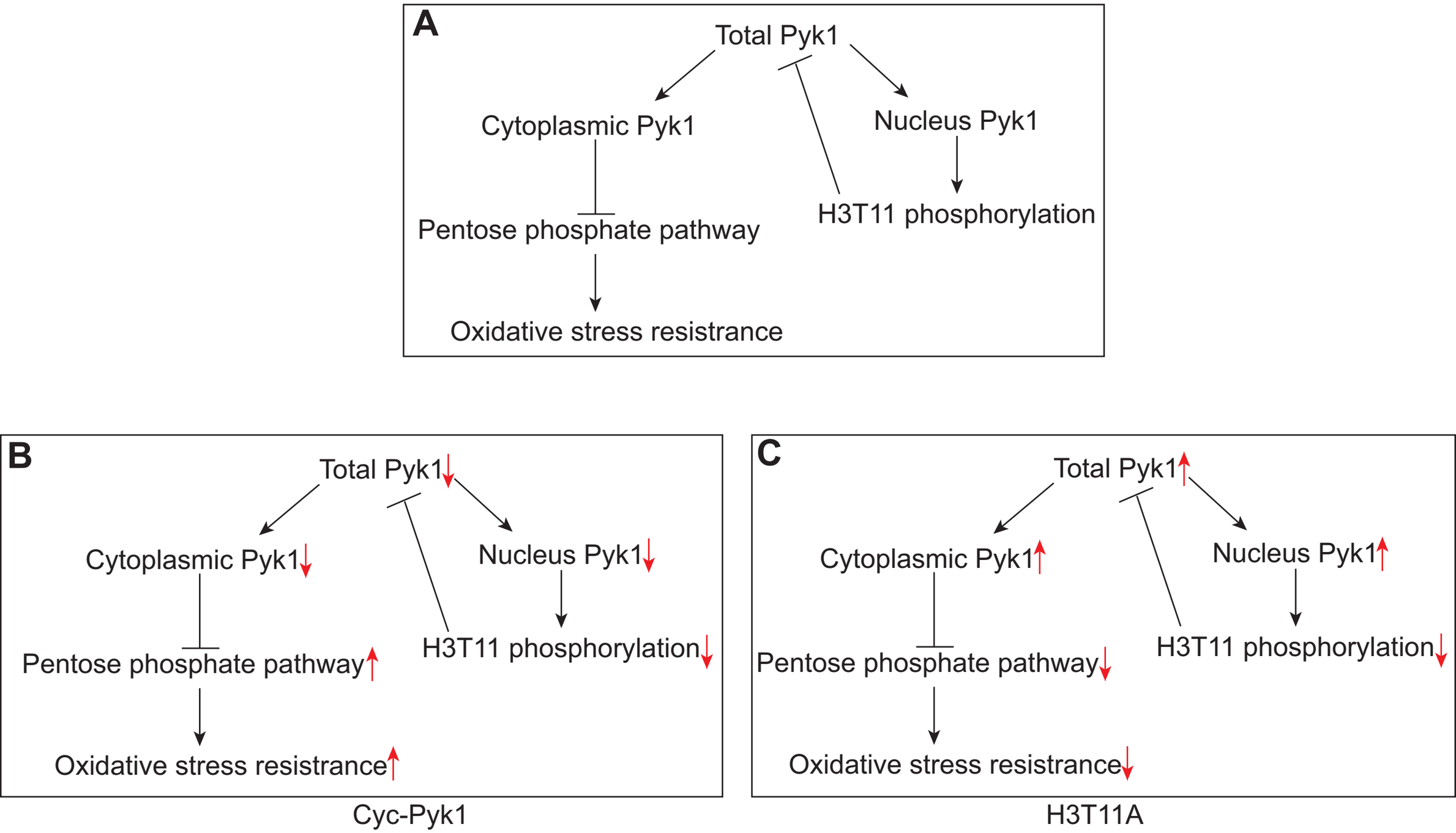
A
Total Pyk1
Cytoplasmic Pyk1
Nucleus Pyk1
Pentose phosphate pathway
H3T11 phosphorylation
Oxidative stress resistrance
B
Total Pyk1↓
Cytoplasmic Pyk1↓
Nucleus Pyk1↓
Pentose phosphate pathway↑
H3T11 phosphorylation↓
Oxidative stress resistrance↑
Cyc-Pyk1
C
Total Pyk1↑
Cytoplasmic Pyk1↑
Nucleus Pyk1↑
Pentose phosphate pathway↓
H3T11 phosphorylation↓
Oxidative stress resistrance↓
H3T11A