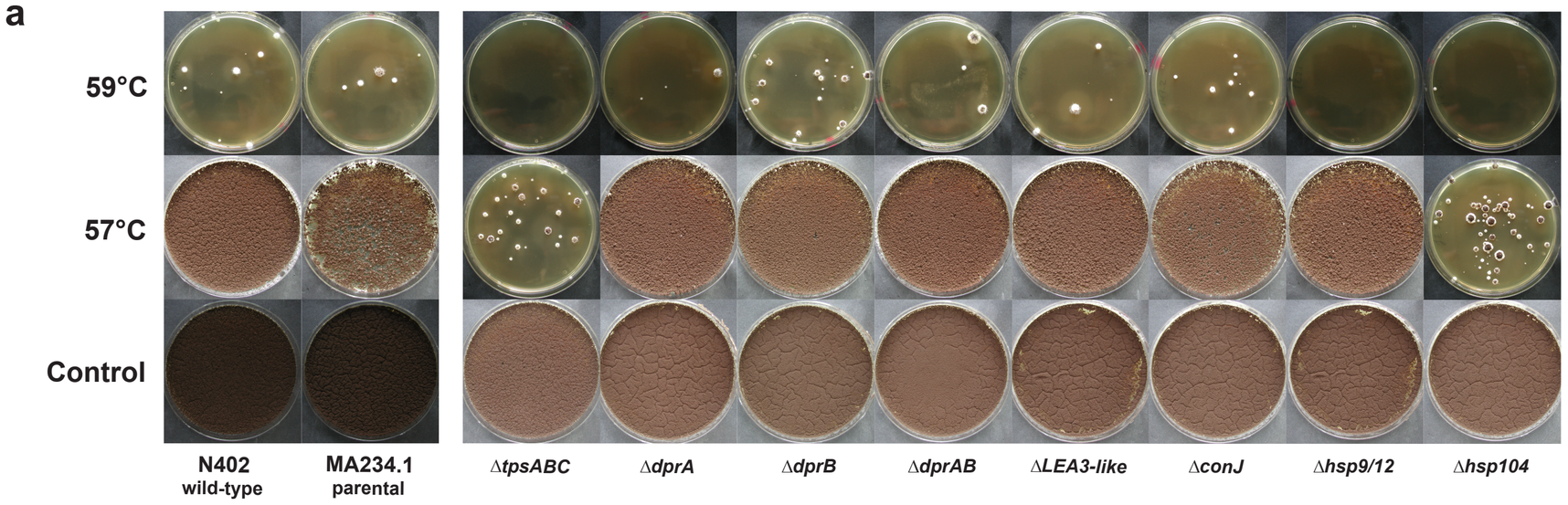
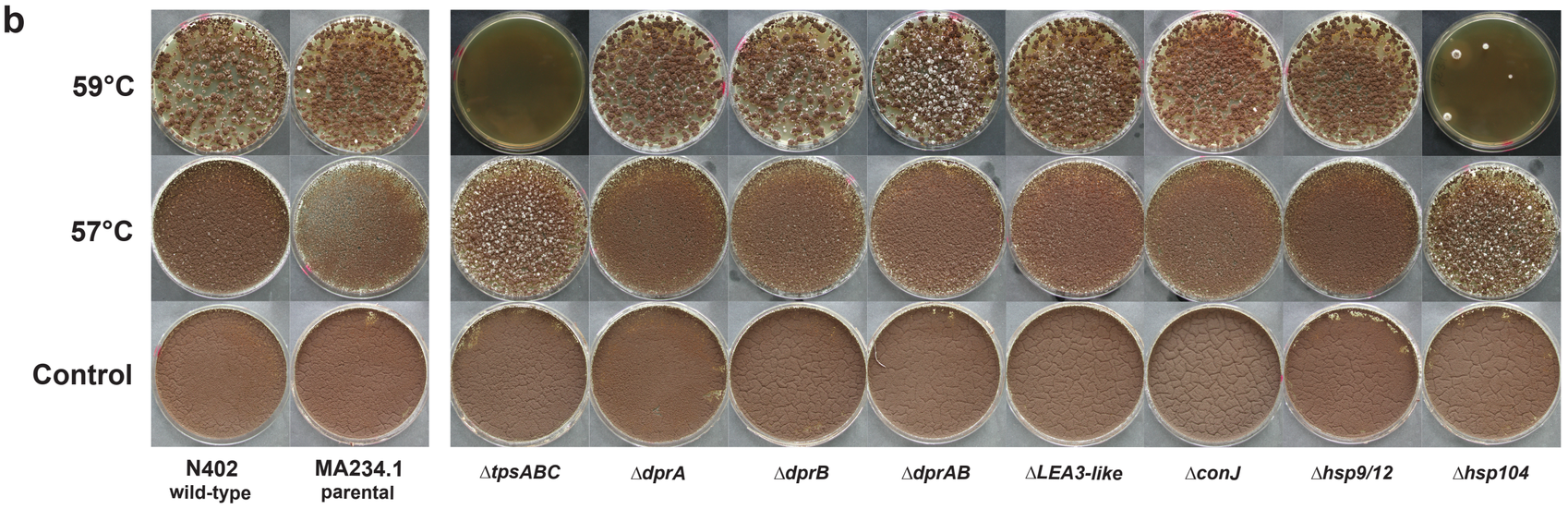
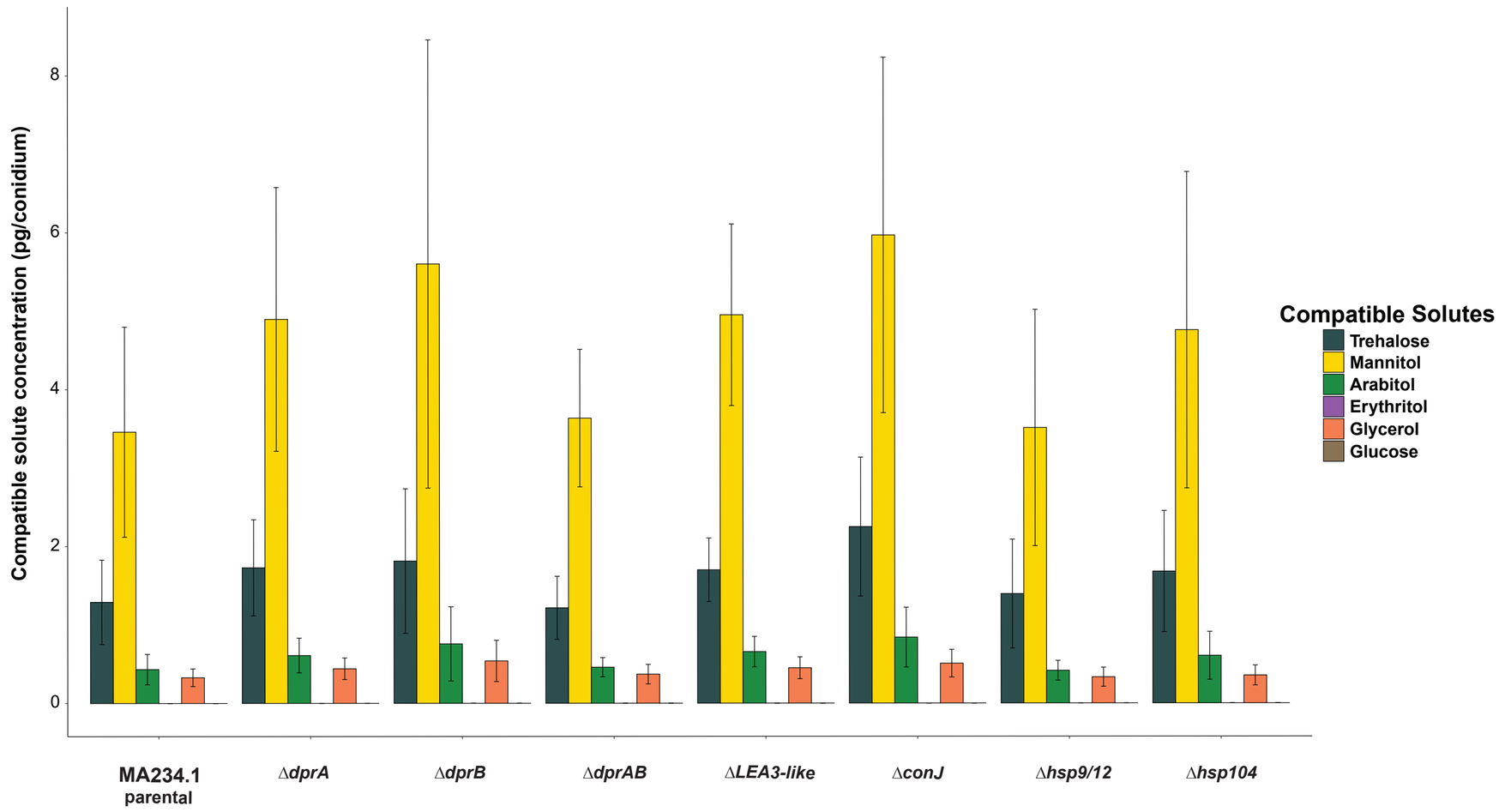
a


59°C
57°C
Control
N402
wild-type
MA234.1
parental
ΔtpsABC
ΔdprA
ΔdprB
ΔdprAB
ΔLEA3-like
ΔconJ
Δhsp9/12
Δhsp104

b


59°C
57°C
Control
N402
wild-type
MA234.1
parental
ΔtpsABC
ΔdprA
ΔdprB
ΔdprAB
ΔLEA3-like
ΔconJ
Δhsp9/12
Δhsp104

c


Compatible solute concentration (pg/conidium)
0
2
4
6
8
Compatible Solutes
Trehalose
Mannitol
Arabitol
Erythritol
Glycerol
Glucose
MA234.1
parental
ΔdprA
ΔdprB
ΔdprAB
ΔLEA3-like
ΔconJ
Δhsp9/12
Δhsp104