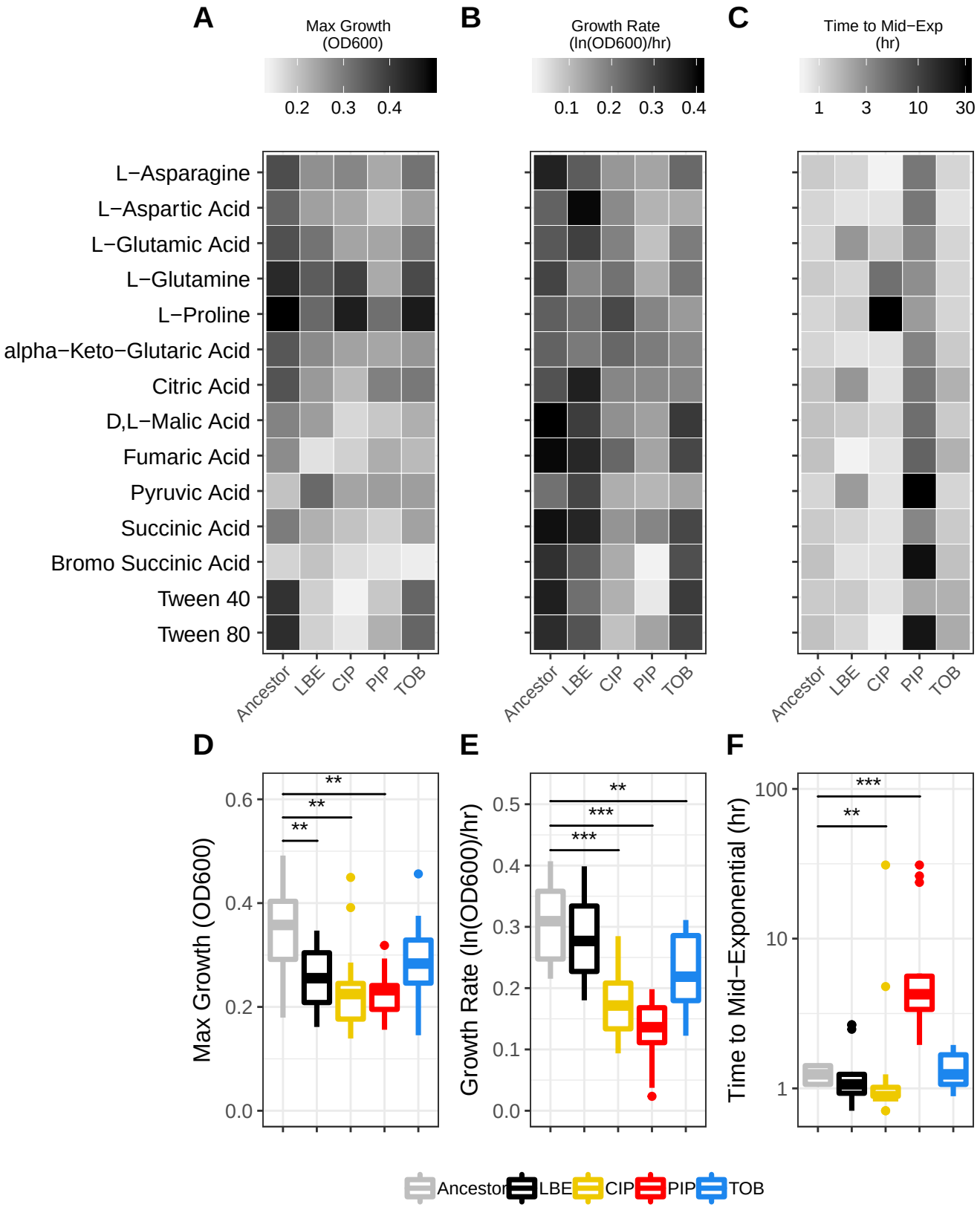
A
Max Growth (OD600)
0.2 0.3 0.4
B
Growth Rate (ln(OD600)/hr)
0.1 0.2 0.3 0.4
C
Time to Mid−Exp (hr)
1 3 10 30
L−Asparagine
L−Aspartic Acid
L−Glutamic Acid
L−Glutamine
L−Proline
alpha−Keto−Glutaric Acid
Citric Acid
D,L−Malic Acid
Fumaric Acid
Pyruvic Acid
Succinic Acid
Bromo Succinic Acid
Tween 40
Tween 80
Ancestor LBE CIP PIP TOB
D
Max Growth (OD600)
0.0 0.2 0.4 0.6
**
**
**
E
Growth Rate (ln(OD600)/hr)
0.0 0.1 0.2 0.3 0.4 0.5
**
***
***
F
Time to Mid−Exponential (hr)
1 10 100
***
**
Ancestor LBE CIP PIP TOB