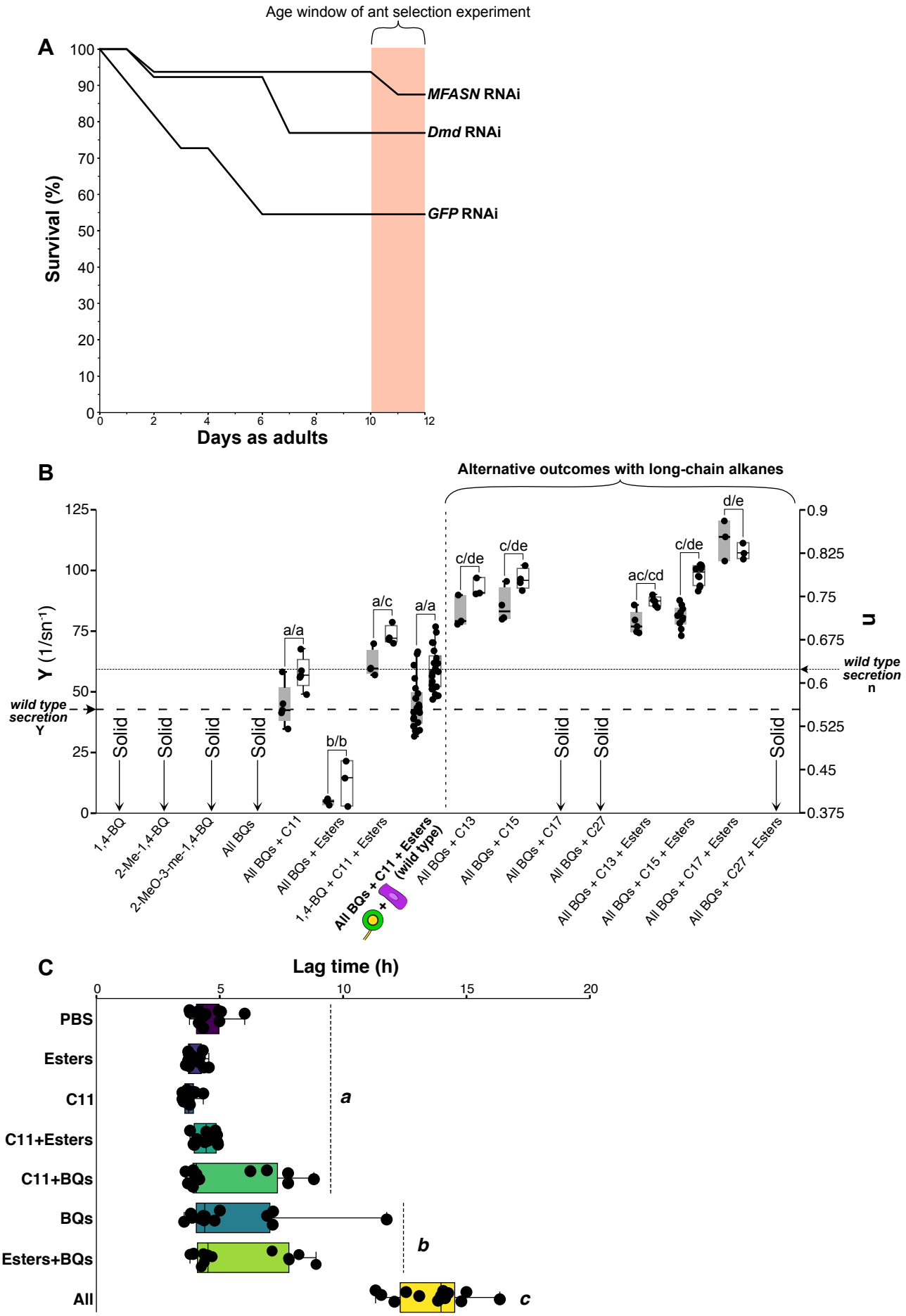
Age window of ant selection experiment
A
Survival (%)
Days as adults
MFASN RNAi
Dmd RNAi
GFP RNAi
B
Alternative outcomes with long-chain alkanes
Y (1/sn-1)
n
wild type secretion Y
wild type secretion n
a/a
a/c
a/a
b/b
c/de
c/de
ac/cd
c/de
d/e
Solid
1,4-BQ
2-Me-1,4-BQ
2-MeO-3-me-1,4-BQ
All BQs
All BQs + C11
All BQs + Esters
1,4-BQ + C11 + Esters
All BQs + C11 + Esters (wild type)
All BQs + C13
All BQs + C15
All BQs + C17
All BQs + C27
All BQs + C13 + Esters
All BQs + C15 + Esters
All BQs + C17 + Esters
All BQs + C27 + Esters
C
Lag time (h)
PBS
Esters
C11
C11+Esters
C11+BQs
BQs
Esters+BQs
All
a
b
c