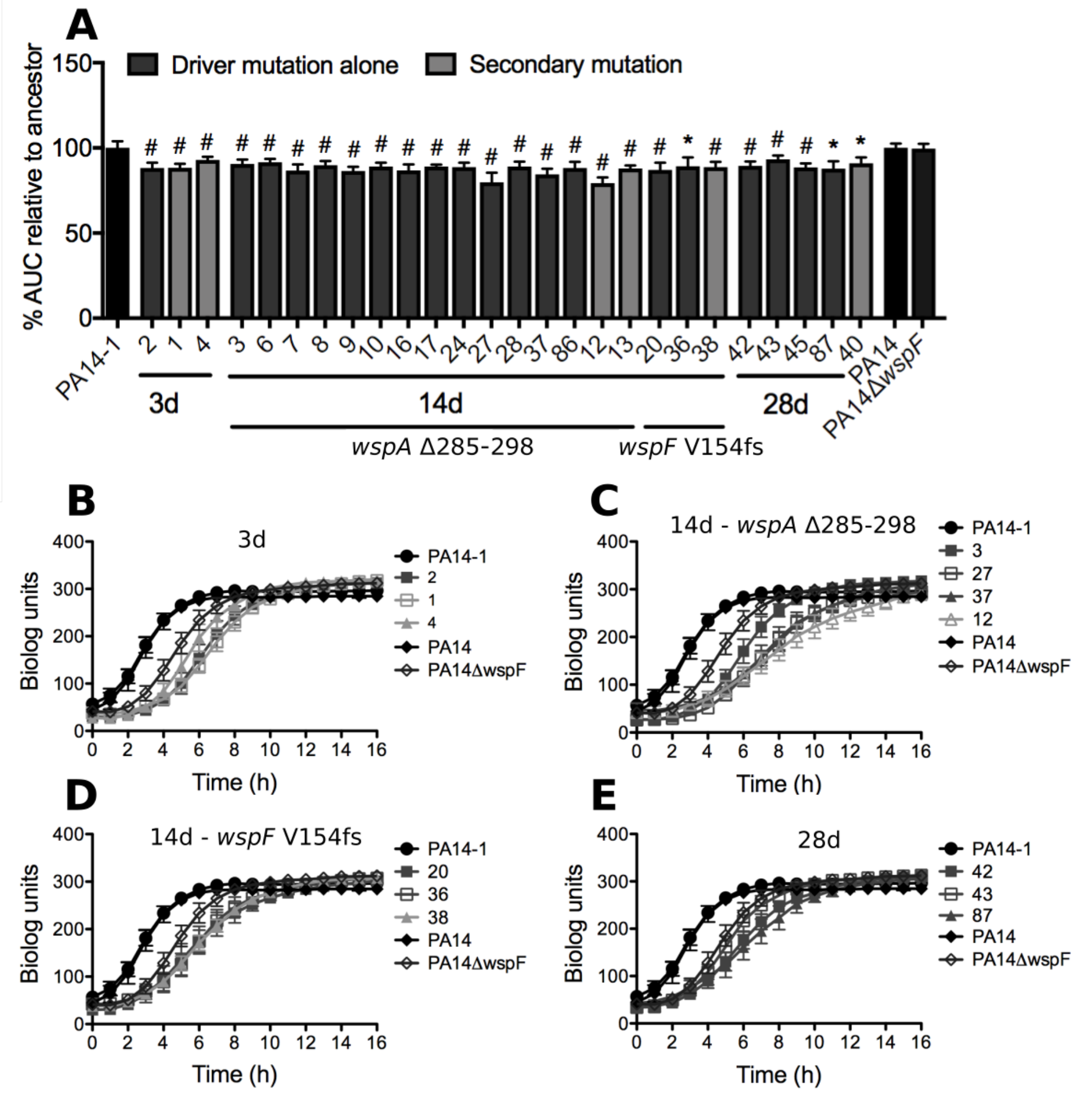
A
Driver mutation alone
Secondary mutation
% AUC relative to ancestor
150
100
50
0
PA14-1
2
1
4
3
6
7
8
9
10
16
17
24
27
28
37
86
12
13
20
36
38
42
43
45
87
40
PA14
PA14ΔwspF
3d
14d
28d
wspA Δ285-298
wspF V154fs
B
3d
Biolog units
Time (h)
PA14-1
2
1
4
PA14
PA14ΔwspF
C
14d - wspA Δ285-298
PA14-1
3
27
37
12
PA14
PA14ΔwspF
D
14d - wspF V154fs
PA14-1
20
36
38
PA14
PA14ΔwspF
E
28d
PA14-1
42
43
87
PA14
PA14ΔwspF