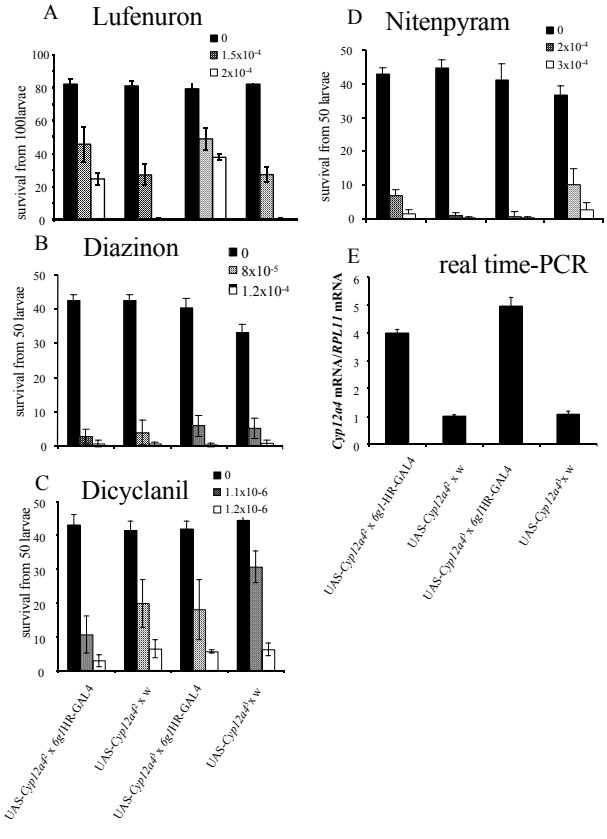
A
Lufenuron
0
1.5x10-4
2x10-4
survival from 100larvae
100
80
60
40
20
0
B
Diazinon
0
8x10-5
1.2x10-4
survival from 50 larvae
50
40
30
20
10
0
C
Dicyclanil
0
1.1x10-6
1.2x10-6
survival from 50 larvae
50
40
30
20
10
0
UAS-Cyp12a4F x 6gl/HR-GAL4
UAS-Cyp12a4F x w
UAS-Cyp12a4F x 6gl/HR-GAL4
UAS-Cyp12a4F x w
D
Nitenpyram
0
2x10-4
3x10-4
survival from 50 larvae
50
40
30
20
10
0
E
real time-PCR
Cyp12a4 mRNA/RPL11 mRNA
6
5
4
3
2
1
0
UAS-Cyp12a4F x 6gl-HR-GAL4
UAS-Cyp12a4F x w
UAS-Cyp12a4F x 6gl/HR-GAL4
UAS-Cyp12a4F x w