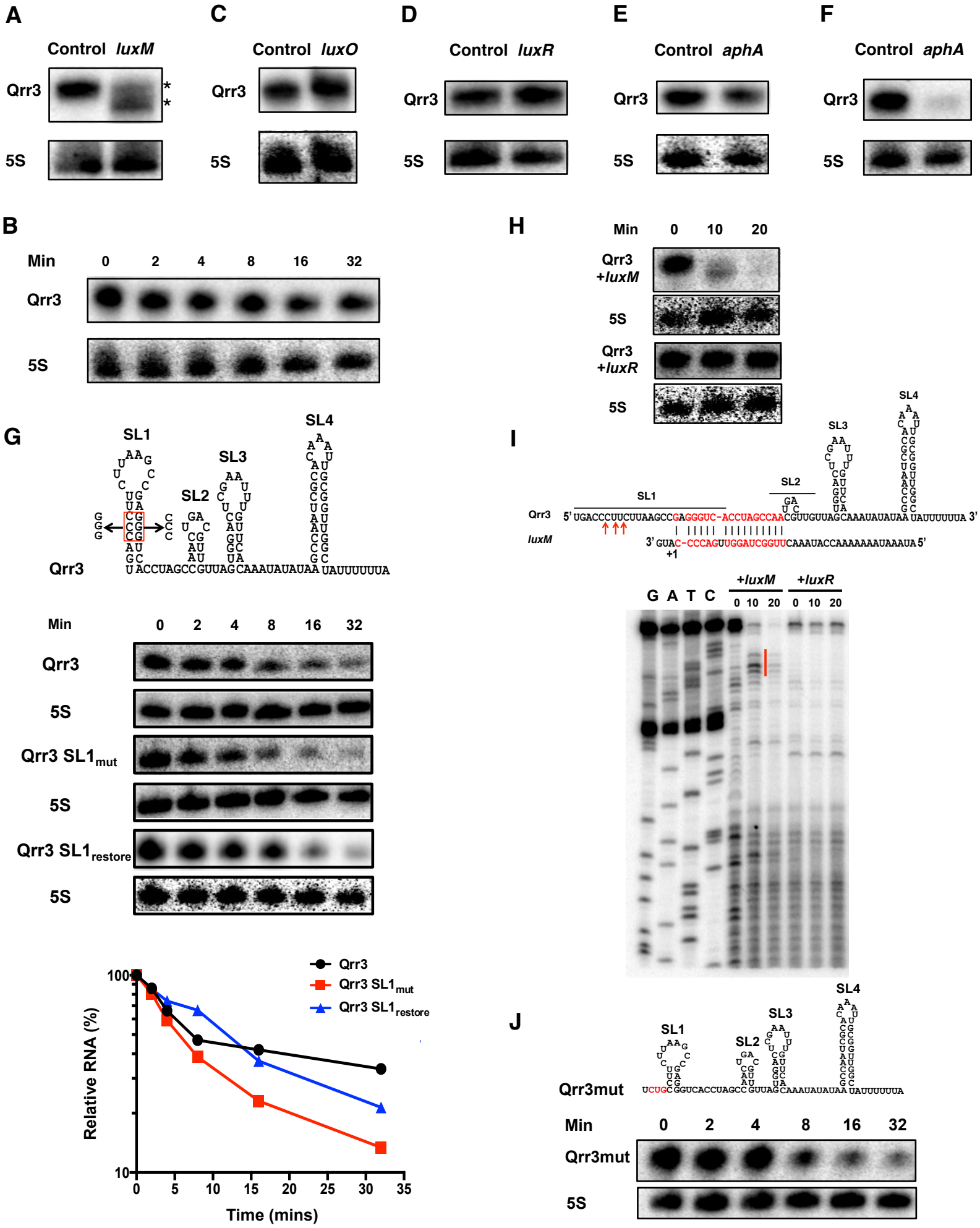
Figure S2


A
Control luxM
Qrr3
5S
C
Control luxO
Qrr3
5S
D
Control luxR
Qrr3
5S
E
Control aphA
Qrr3
5S
F
Control aphA
Qrr3
5S
B
Min 0 2 4 8 16 32
Qrr3
5S
H
Min 0 10 20
Qrr3 +luxM
5S
Qrr3 +luxR
5S
G
SL1
SL2
SL3
SL4
Qrr3
UACCUAGCCGUUAGCAAAUAUAUAAUAUUUUUUA
Min 0 2 4 8 16 32
Qrr3
5S
Qrr3 SL1mut
5S
Qrr3 SL1restore
5S
Qrr3
Qrr3 SL1mut
Qrr3 SL1restore
Relative RNA (%)
100
10
0 5 10 15 20 25 30 35
Time (mins)
I
SL1
SL2
SL3
SL4
Qrr3
5' UGACCCUUCUUAAGCCGAGGGUC-ACCUAGCCAACGUUGUUAGCAAAUAUAUAAUAUUUUUUA 3'
luxM
3' GUAC-CCCAGUUGGAUCGGUUCAAAUACCAAAAAAAUAAAUA 5'
+1
G A T C
+luxM
+luxR
0 10 20 0 10 20
J
SL1
SL2
SL3
SL4
Qrr3mut
UCUGCGGUCACCUAGCCGUUAGCAAAUAUAUAAUAUUUUUUA
Min 0 2 4 8 16 32
Qrr3mut
5S