Figure S1

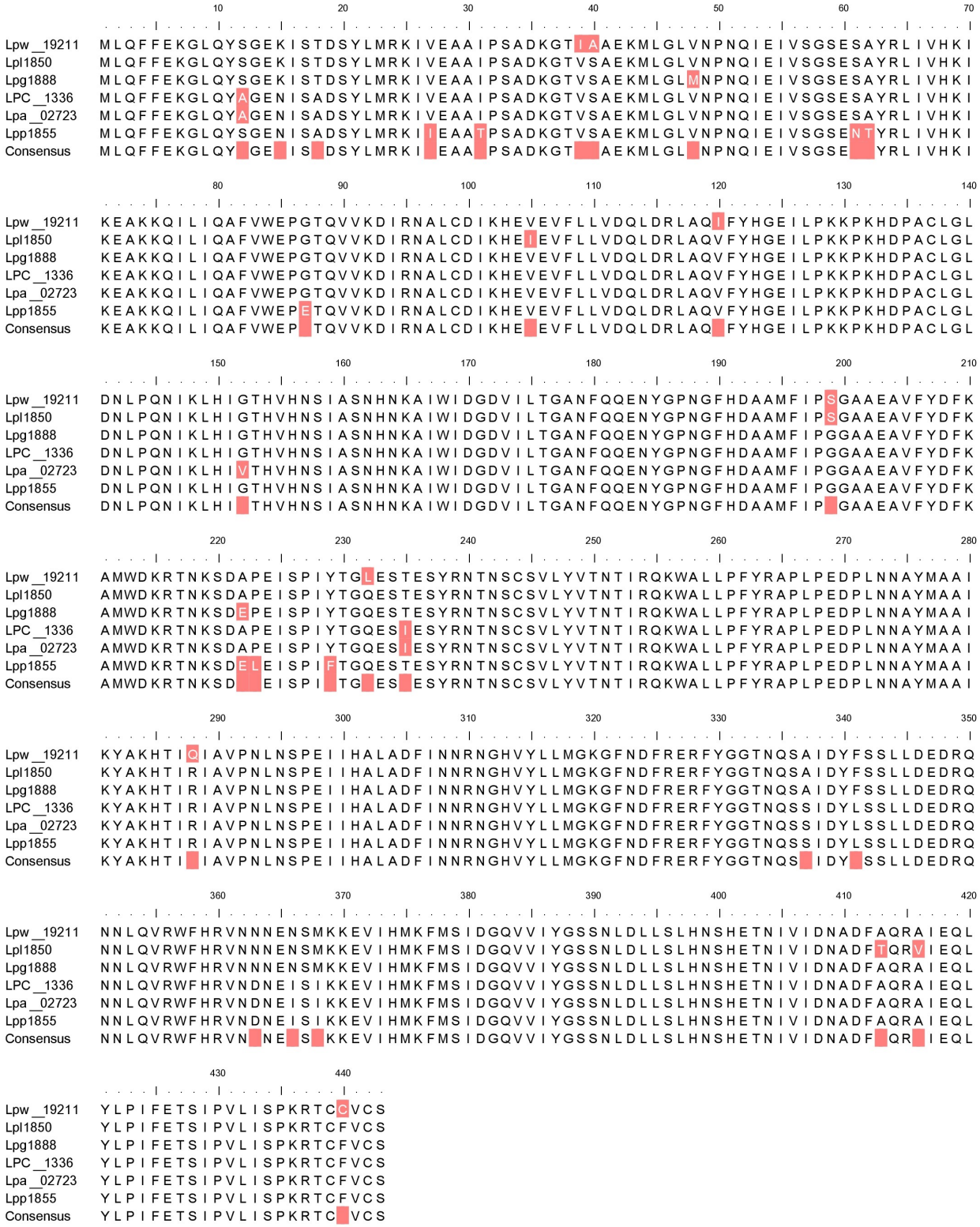

Lpw_19211
Lpl1850
Lpg1888
LPC_1336
Lpa_02723
Lpp1855
Consensus

Figure S2

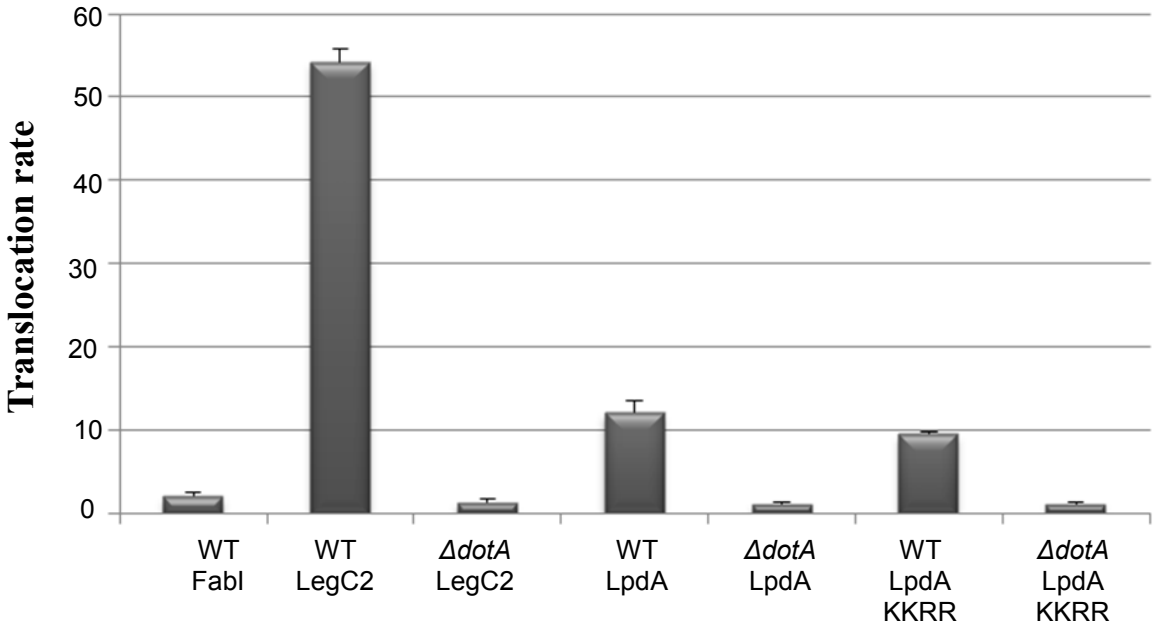

Translocation rate
60
50
40
30
20
10
0
WT FabI
WT LegC2
ΔdotA LegC2
WT LpdA
ΔdotA LpdA
WT LpdA KKRR
ΔdotA LpdA KKRR

Figure S3

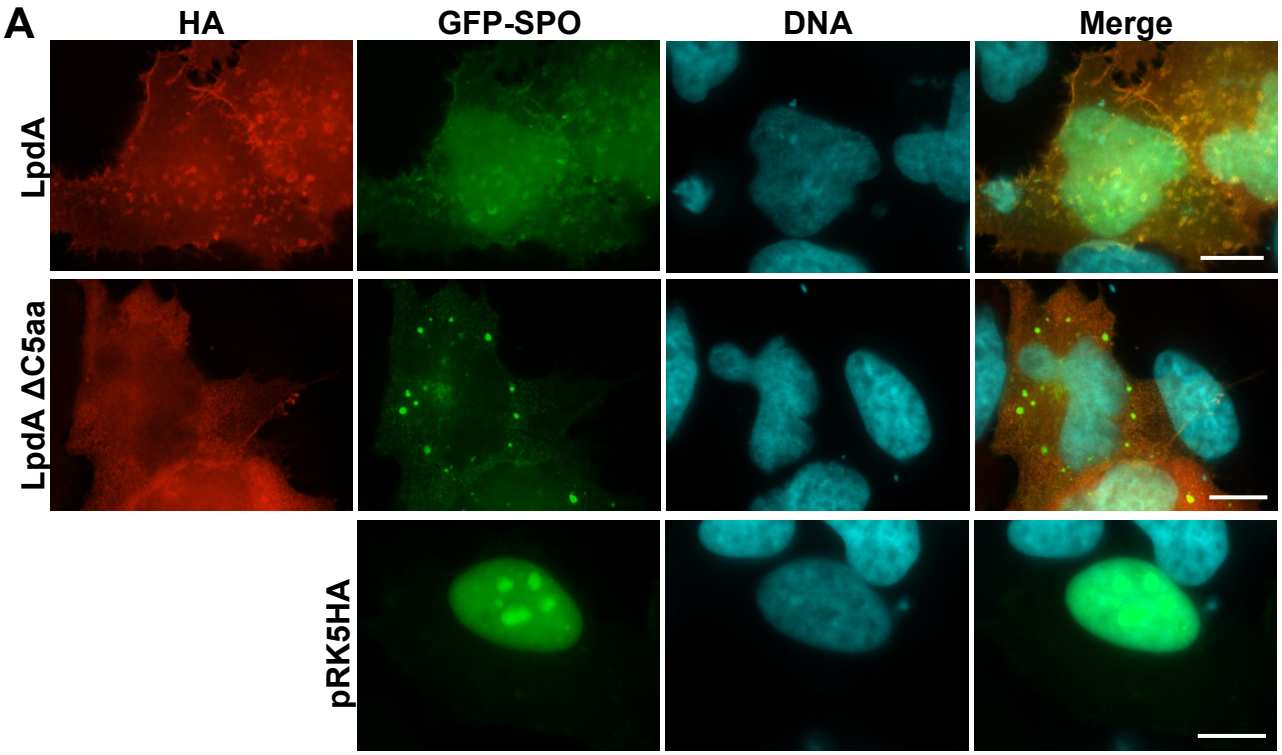


Figure S4

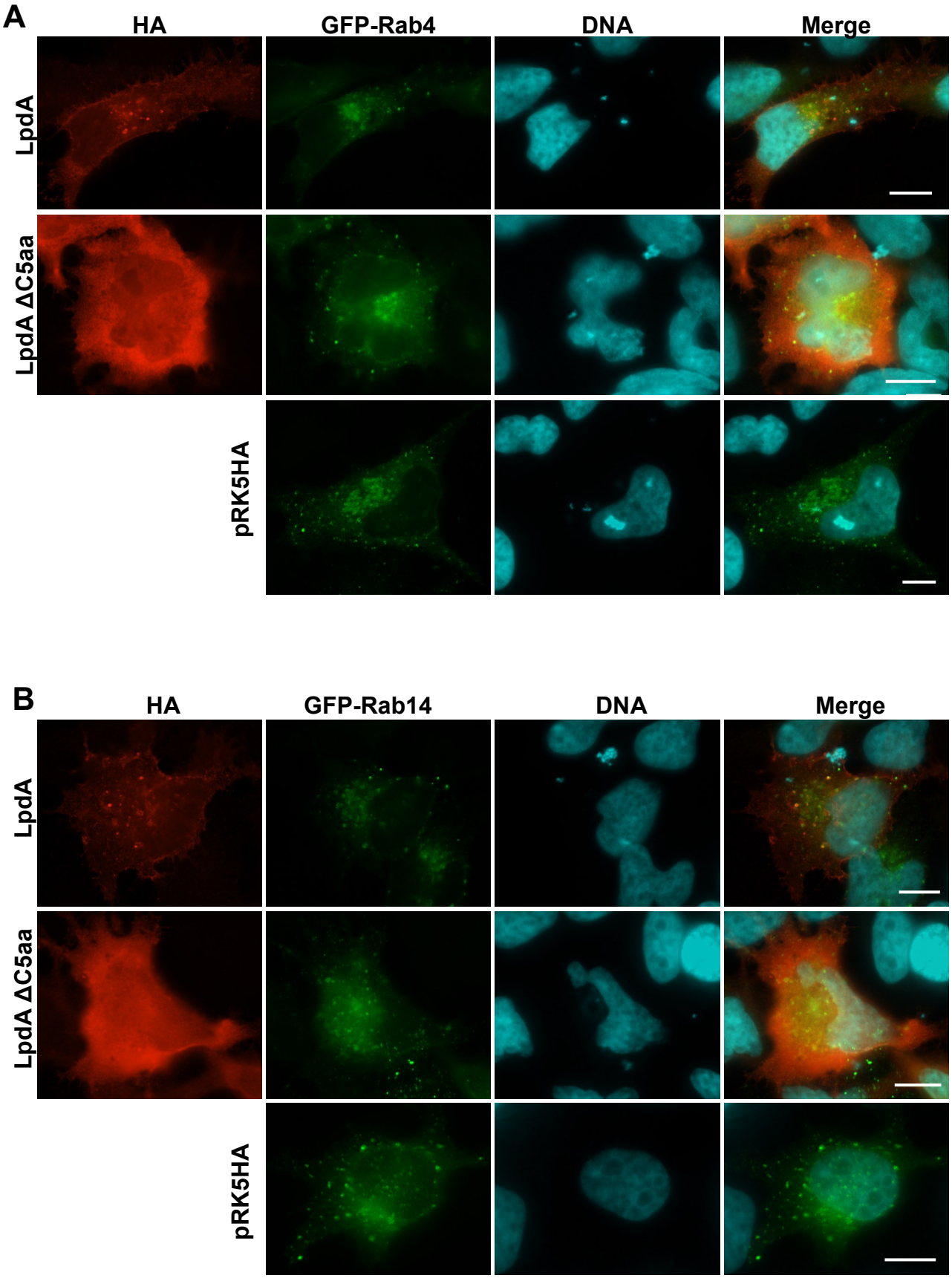

A
HA
GFP-Rab4
DNA
Merge
LpdA
LpdA ΔC5aa
pRK5HA
B
HA
GFP-Rab14
DNA
Merge
LpdA
LpdA ΔC5aa
pRK5HA

Figure S5

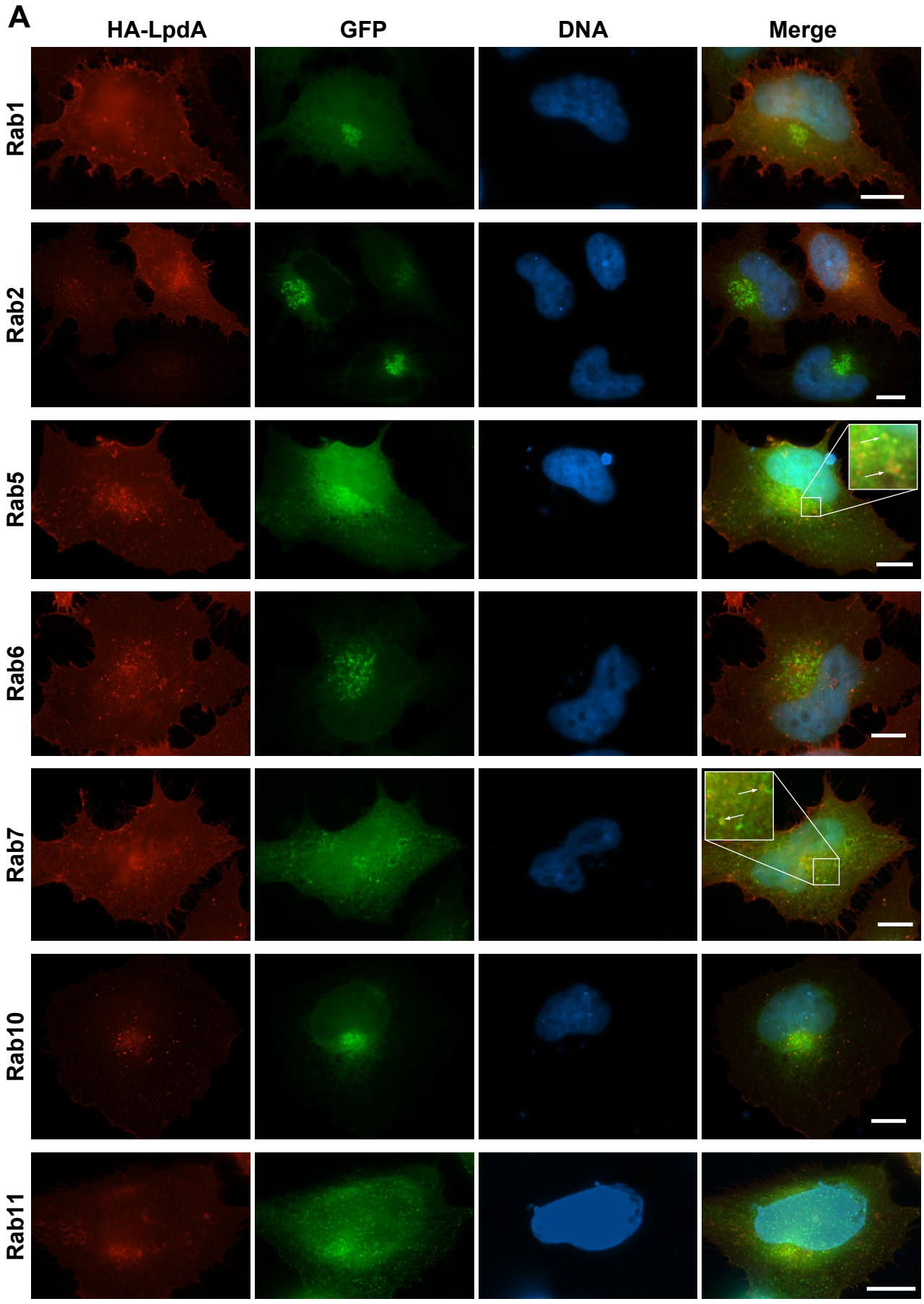


Figure S5

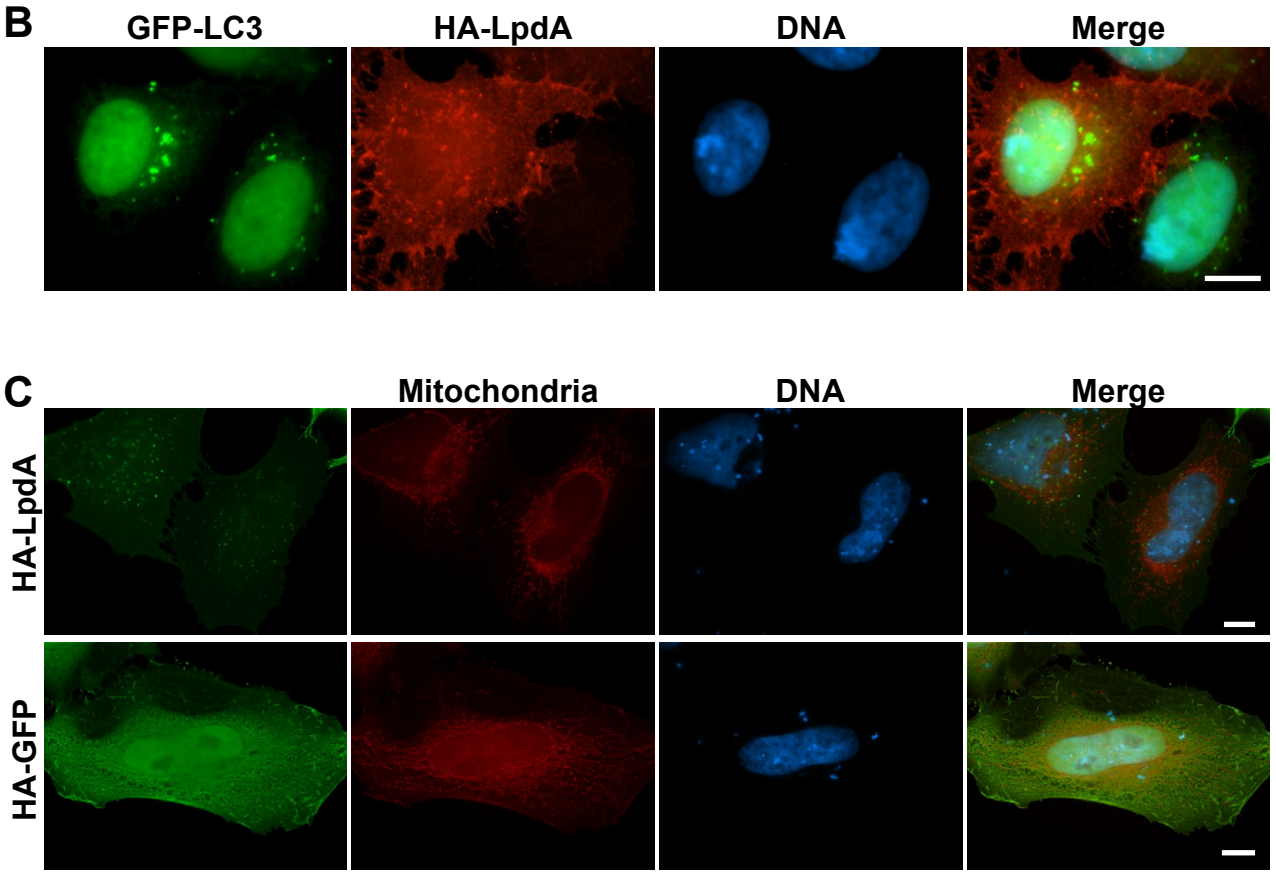

B
GFP-LC3
HA-LpdA
DNA
Merge
C
Mitochondria
DNA
Merge
HA-LpdA
HA-GFP

Figure S6

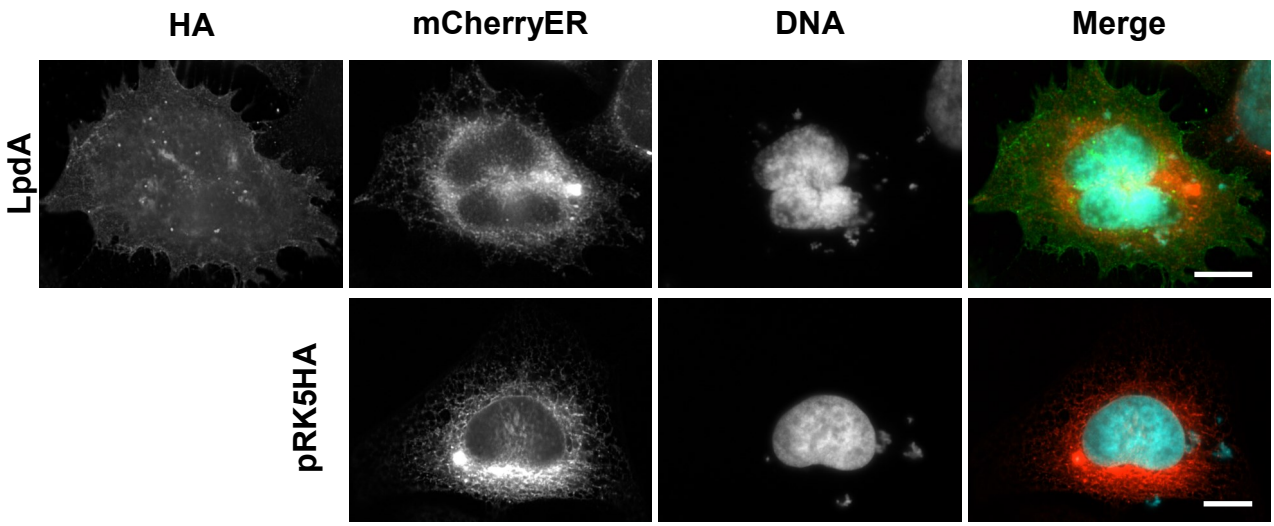


Figure S7

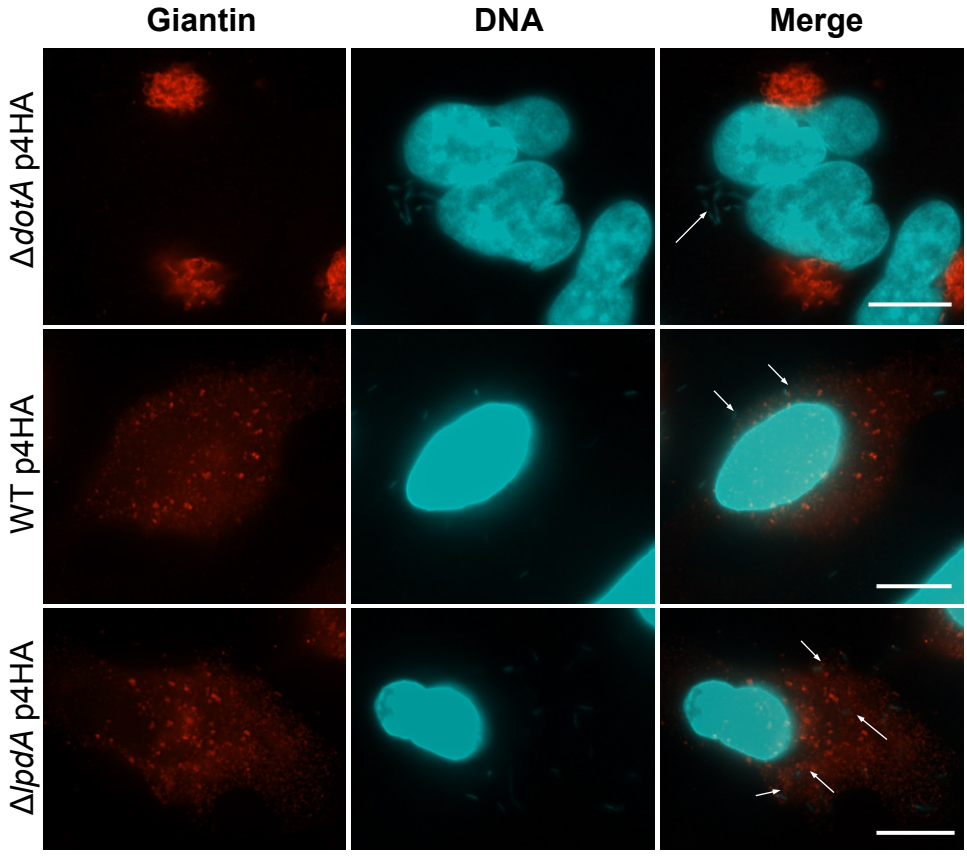
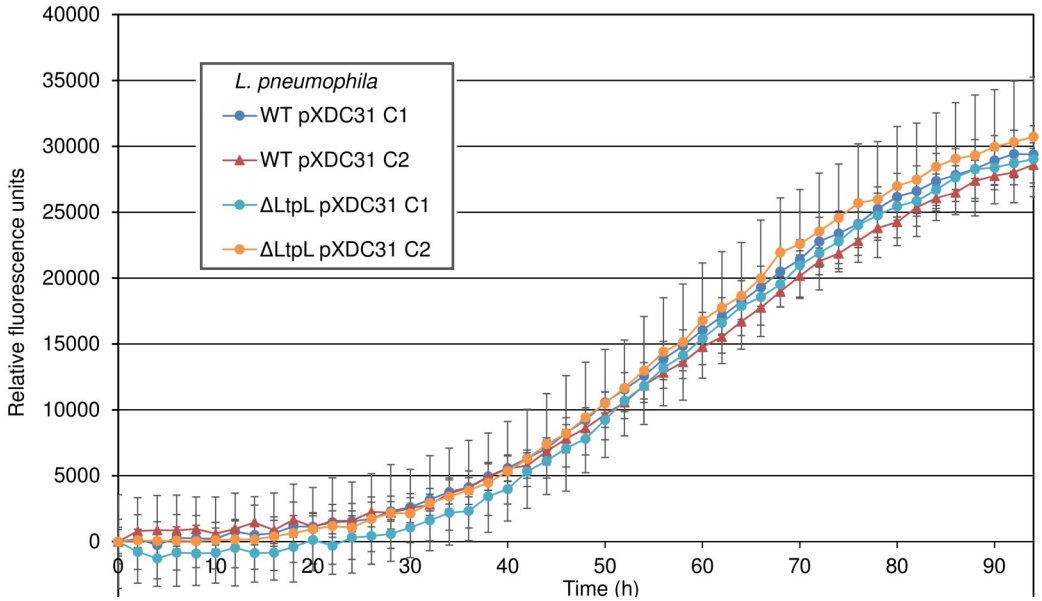


Figure S8


40000
35000
30000
25000
20000
15000
10000
5000
0
Relative fluorescence units
L. pneumophila
WT pXDC31 C1
WT pXDC31 C2
ΔLtpL pXDC31 C1
ΔLtpL pXDC31 C2
0
10
20
30
40
50
60
70
80
90
Time (h)