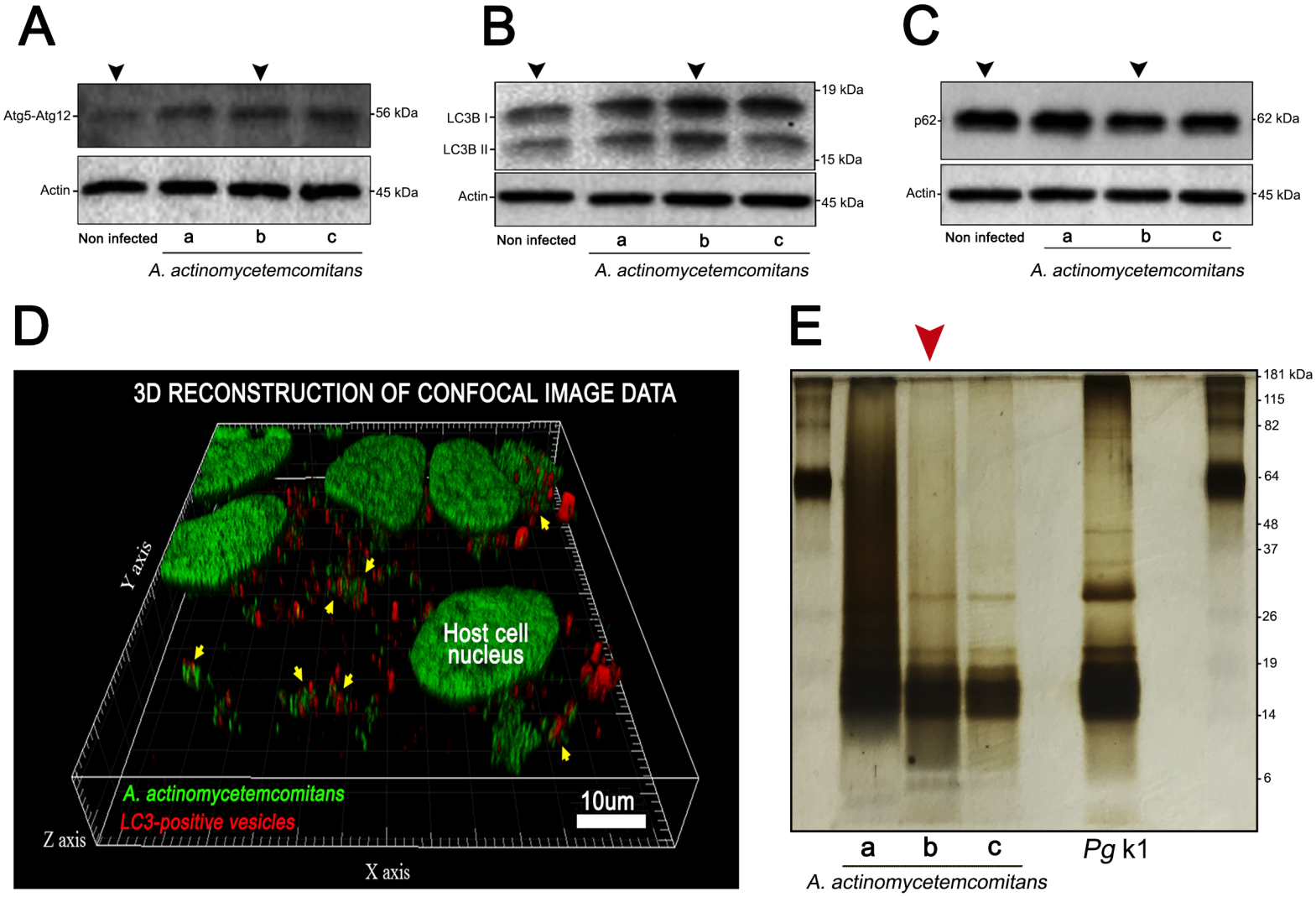
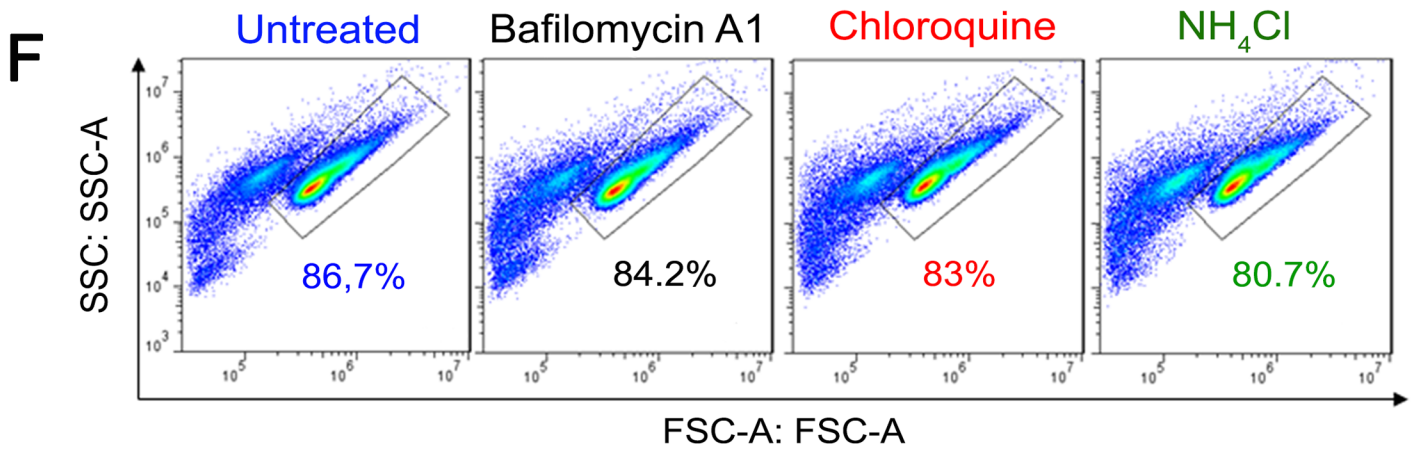
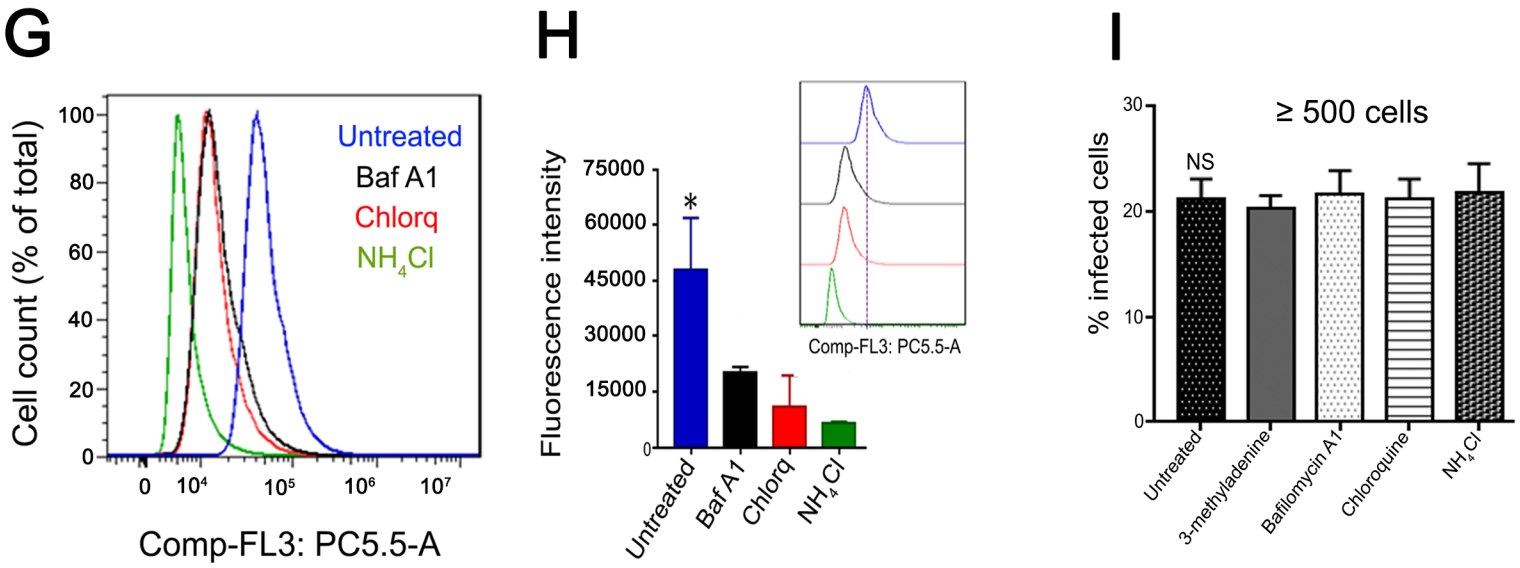
Figure S1


A
Atg5-Atg12
56 kDa
Actin
45 kDa
Non infected
a
b
c
A. actinomycetemcomitans
B
LC3B I
LC3B II
19 kDa
15 kDa
Actin
45 kDa
Non infected
a
b
c
A. actinomycetemcomitans
C
p62
62 kDa
Actin
45 kDa
Non infected
a
b
c
A. actinomycetemcomitans
D
3D RECONSTRUCTION OF CONFOCAL IMAGE DATA
Y axis
Host cell nucleus
A. actinomycetemcomitans
LC3-positive vesicles
10um
Z axis
X axis
E
181 kDa
115
82
64
48
37
26
19
14
6
a
b
c
Pg k1
A. actinomycetemcomitans


F
Untreated
Bafilomycin A1
Chloroquine
NH4Cl
SSC: SSC-A
86,7%
84.2%
83%
80.7%
FSC-A: FSC-A


G
Cell count (% of total)
Untreated
Baf A1
Chlorq
NH4Cl
Comp-FL3: PC5.5-A
H
Fluorescence intensity
75000
60000
45000
30000
15000
0
*
Untreated
Baf A1
Chlorq
NH4Cl
Comp-FL3: PC5.5-A
I
≥ 500 cells
% infected cells
NS
Untreated
3-methyladenine
Bafilomycin A1
Chloroquine
NH4Cl