



Supplementary material S4. MAP3K7 immunofluorescence. MAP3K7 immunofluorescence staining from uninfected (A) and CFT073 infected (B) C57BL/6 (B6) mice kidney section. Few ICs (magenta) in non-infected mice were spontaneously positive for MAP3K7 (green) but MAP3K7 was more pronounced in UPEC infected mouse. Data is a representative of 2 different mice tissue staining. Human kidney sections from non-pyelonephritis (C) and pyelonephritis (D) patient were stained with IC marker, V-ATPase E1(magenta, white arrowheads) and MAP3K7 (green, white arrows). Data is representative staining of 2 sections/slide. Strong staining in pyelonephritis kidney section is likely thick ascending loop (TAL). Red fluorescence is cyan pseudocolored magenta. Scale bar 50 μ m, magnification 60x.