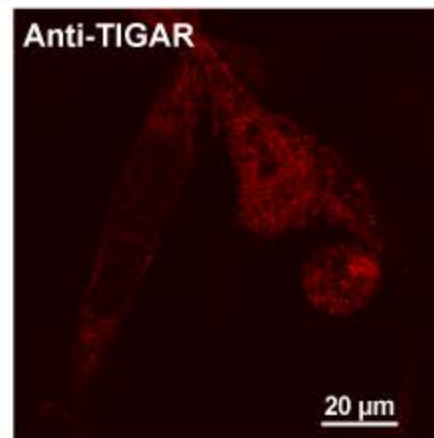


Supplementary Figure 1

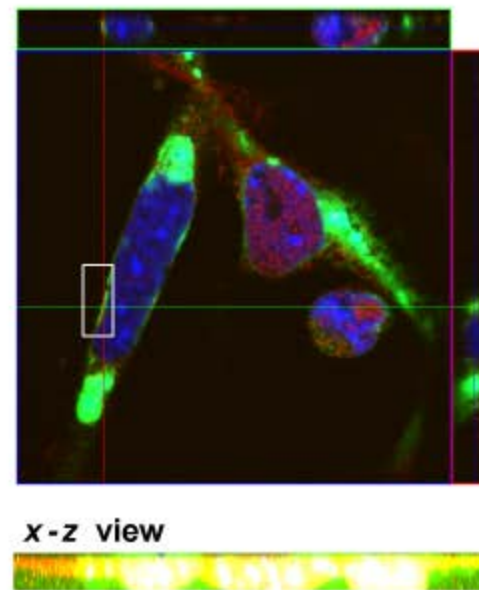
(A)



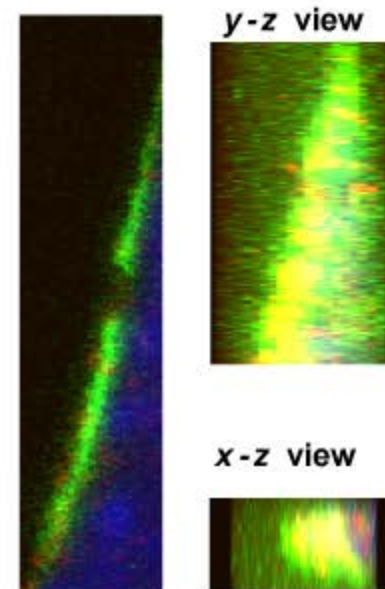
(B)



(C)

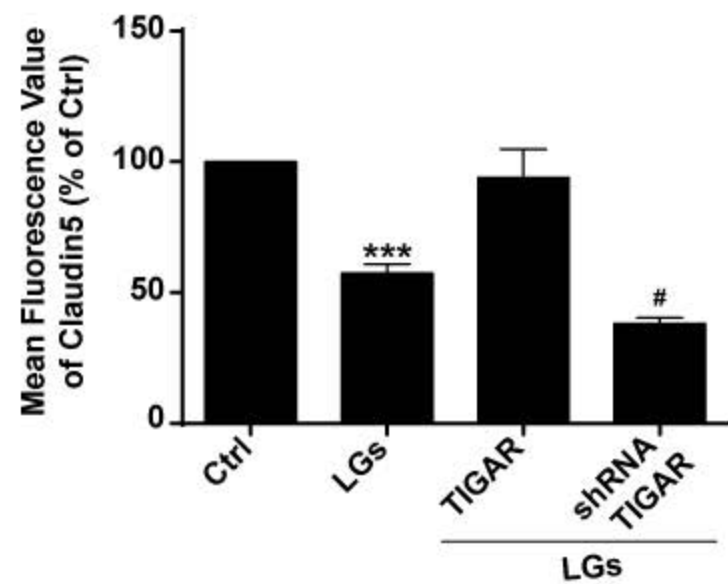


(D)

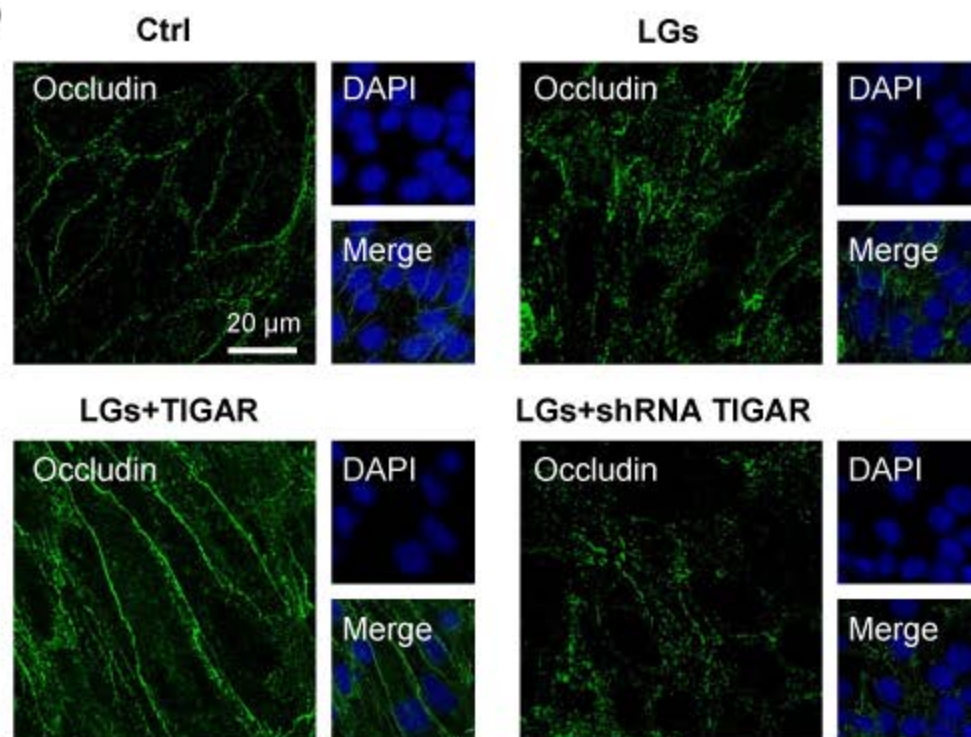


Supplementary Figure 2

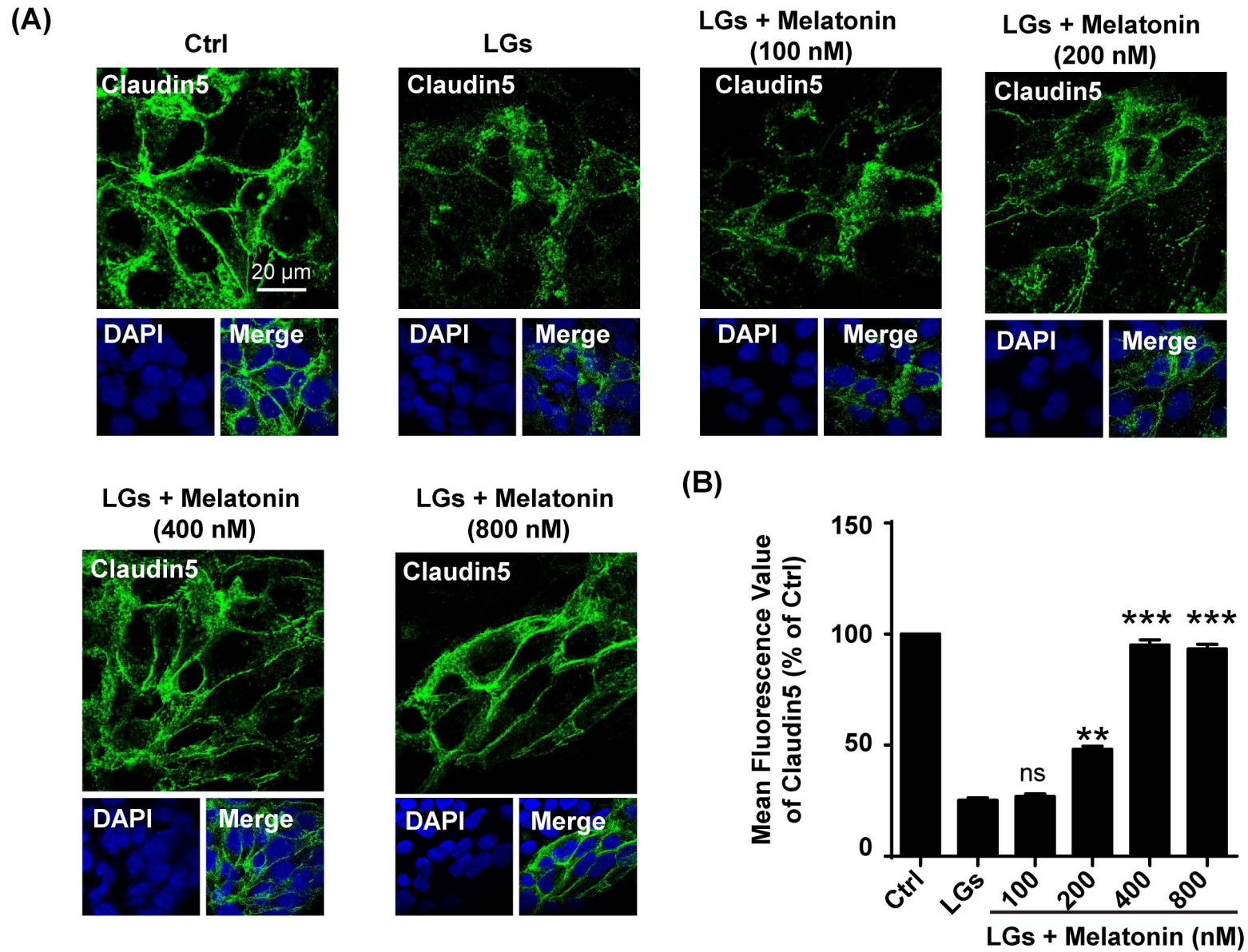
(A)



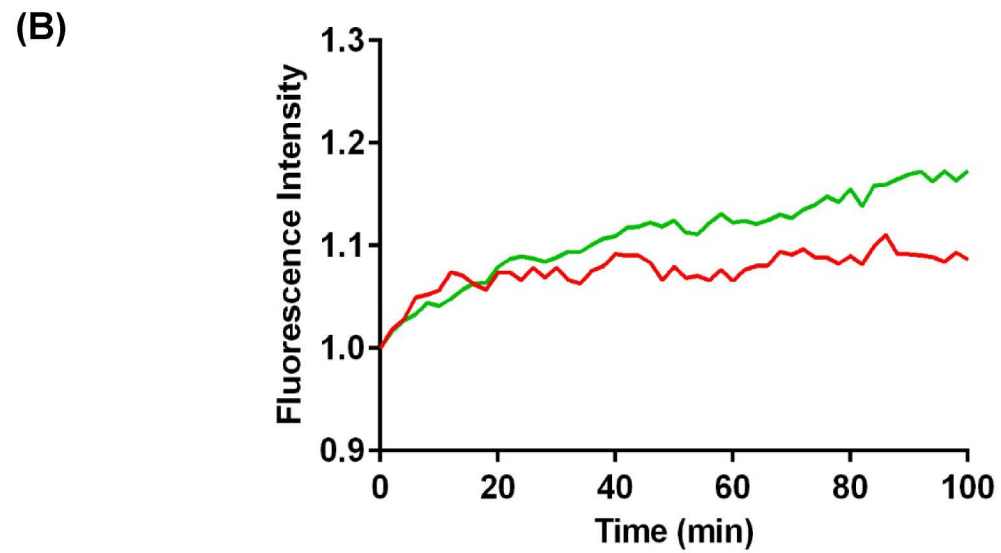
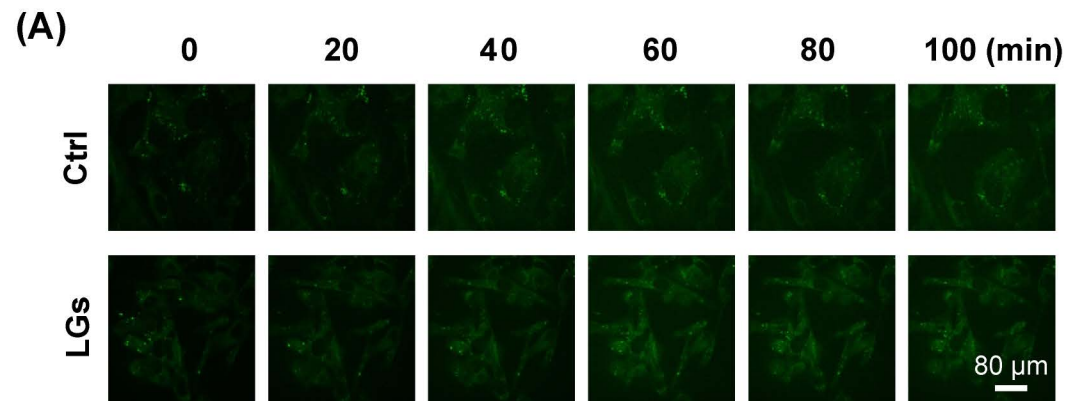
(B)



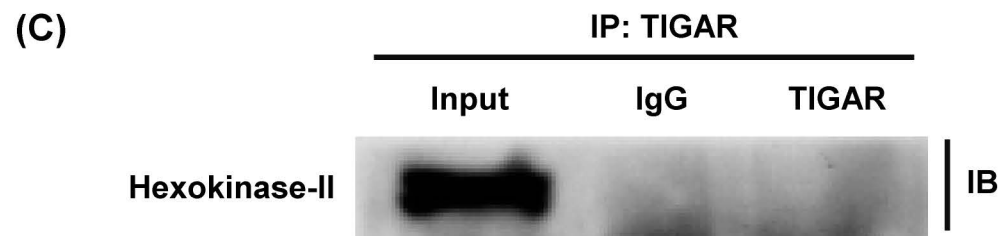
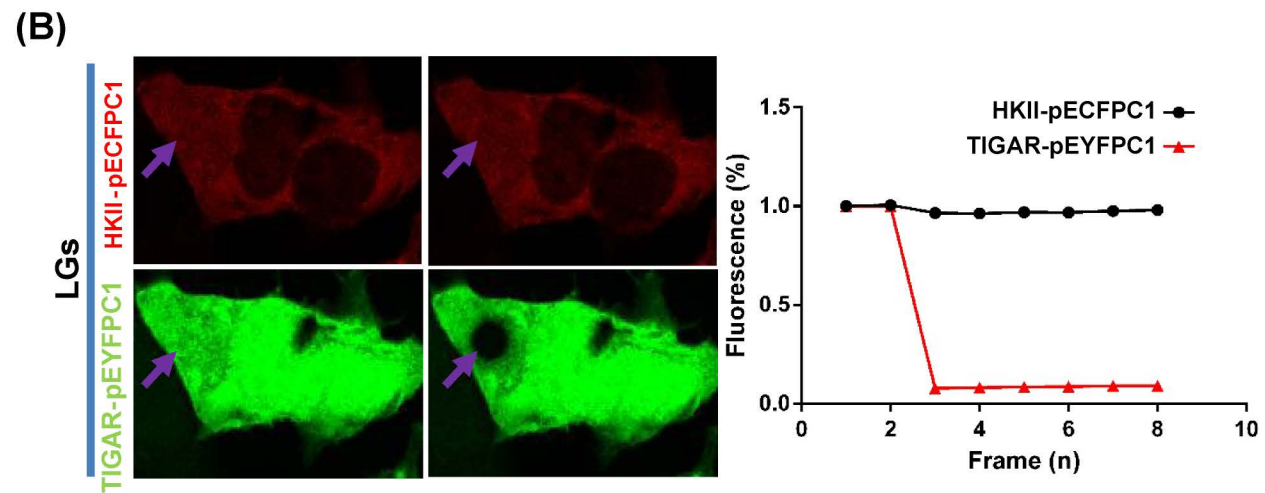
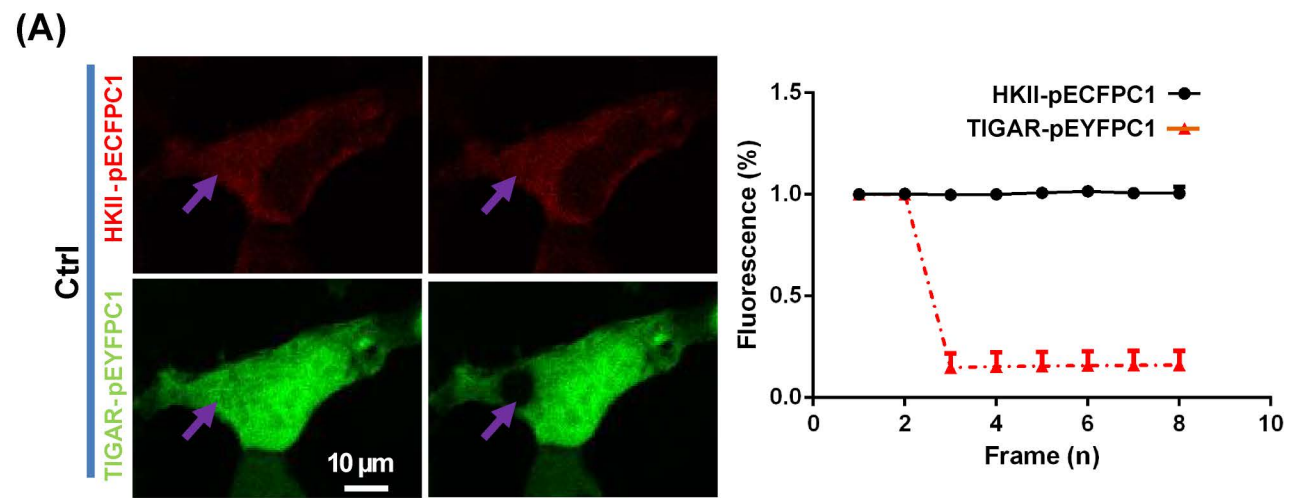
Supplementary Figure 3



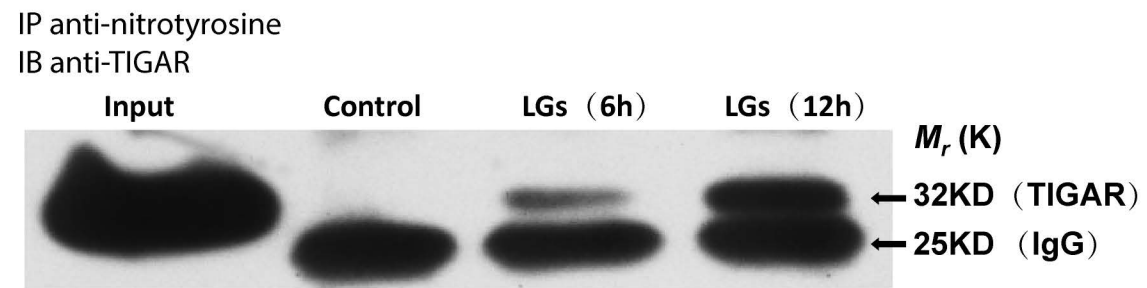
Supplementary Figure 4



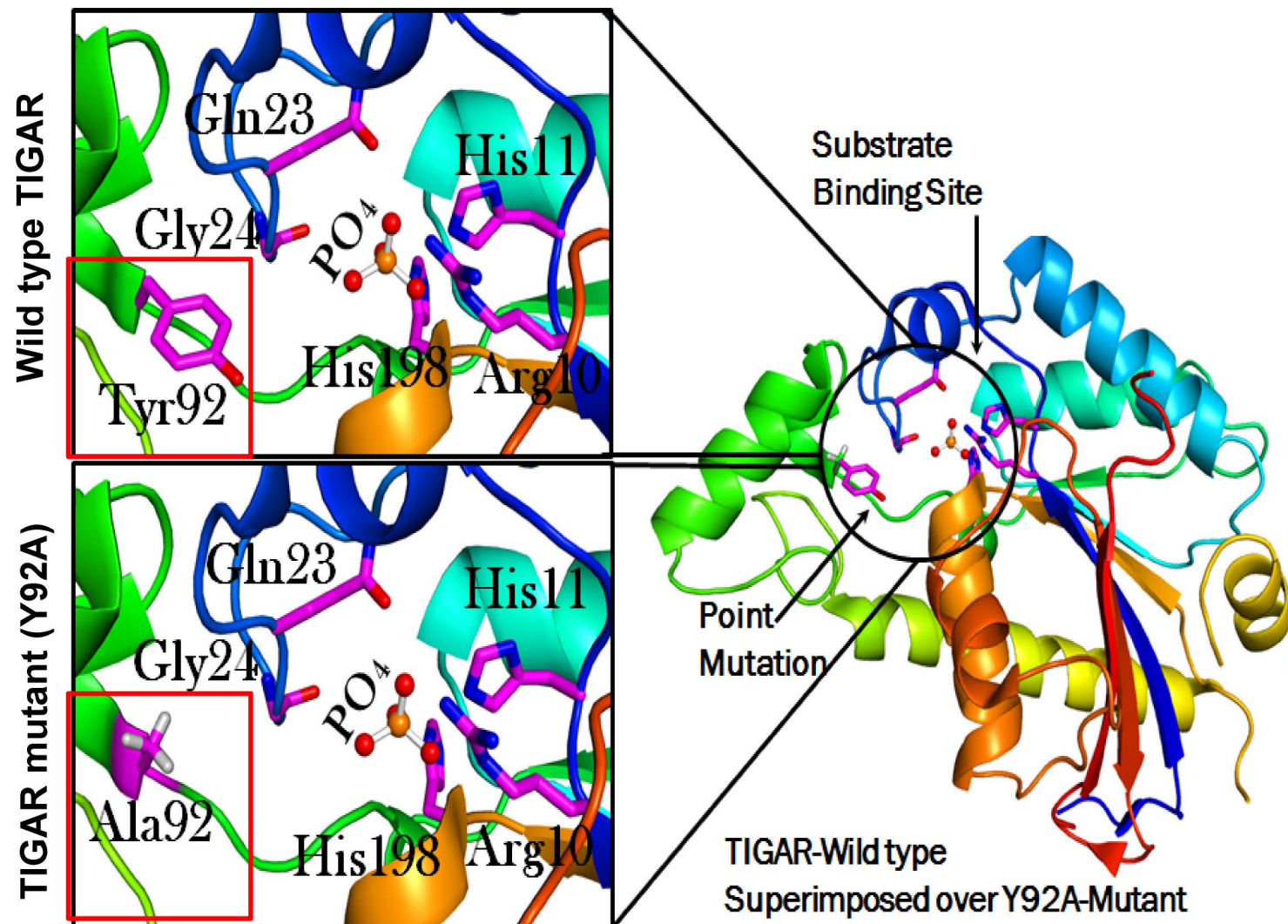
Supplementary Figure 5



Supplementary Figure 6



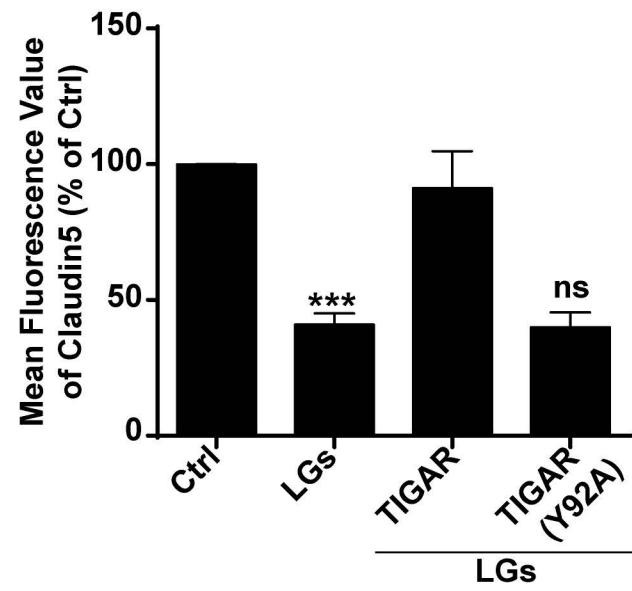
Supplementary Figure 7



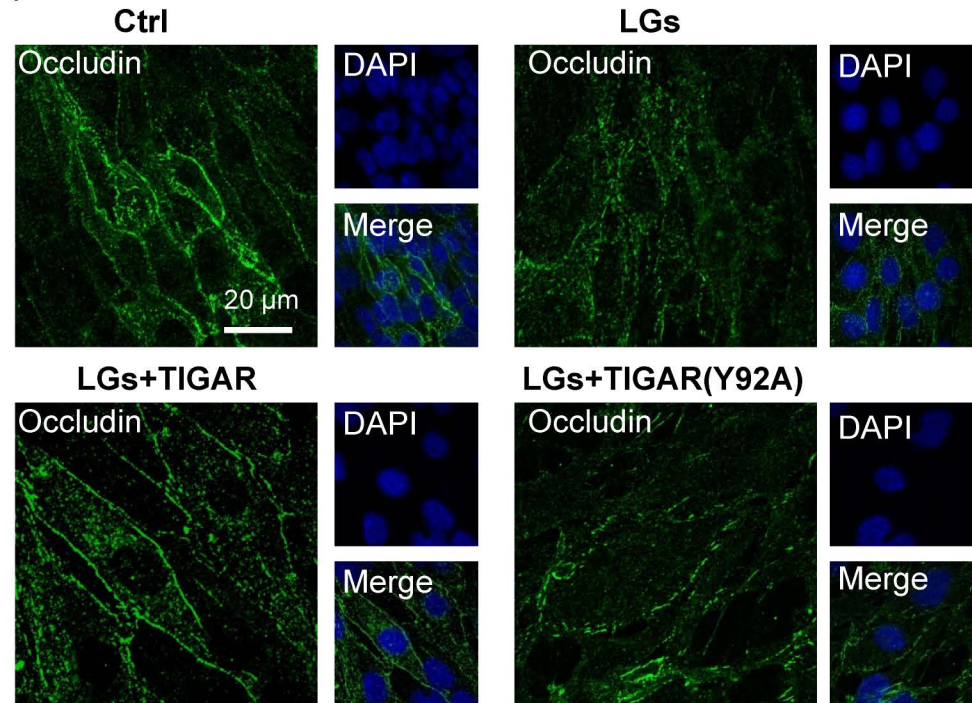
X-Ray crystal structure of TIGAR (PDB entry: 3DCY)

Supplementary Figure 8

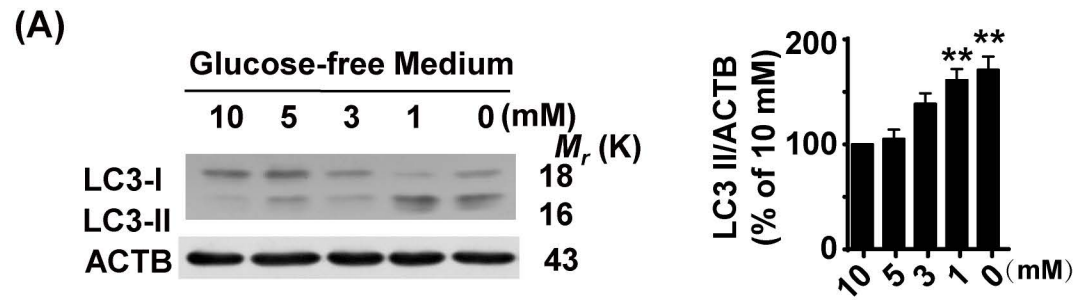
(A)



(B)

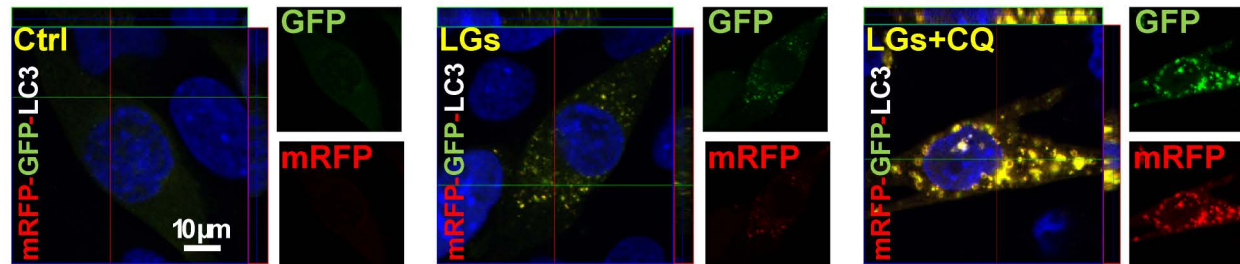


Supplementary Figure 9

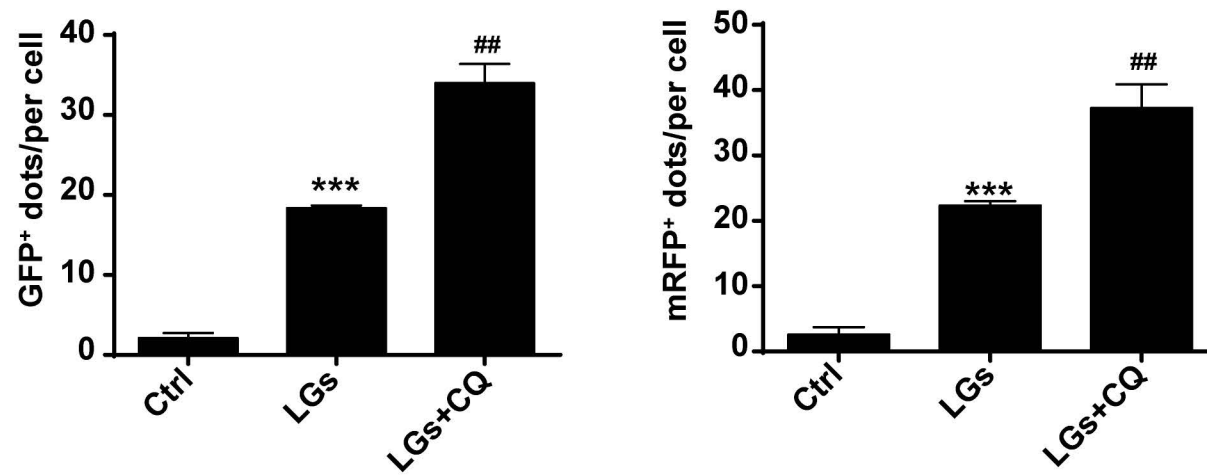


Supplementary Figure 10

(A)

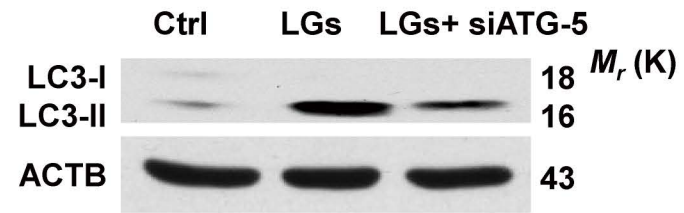


(B)

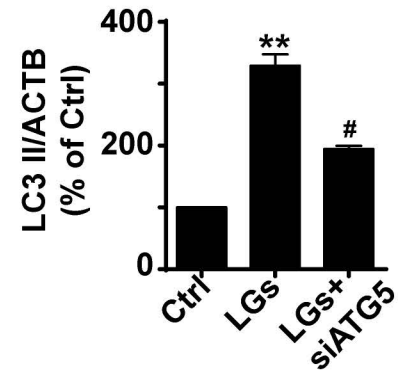


Supplementary Figure 11

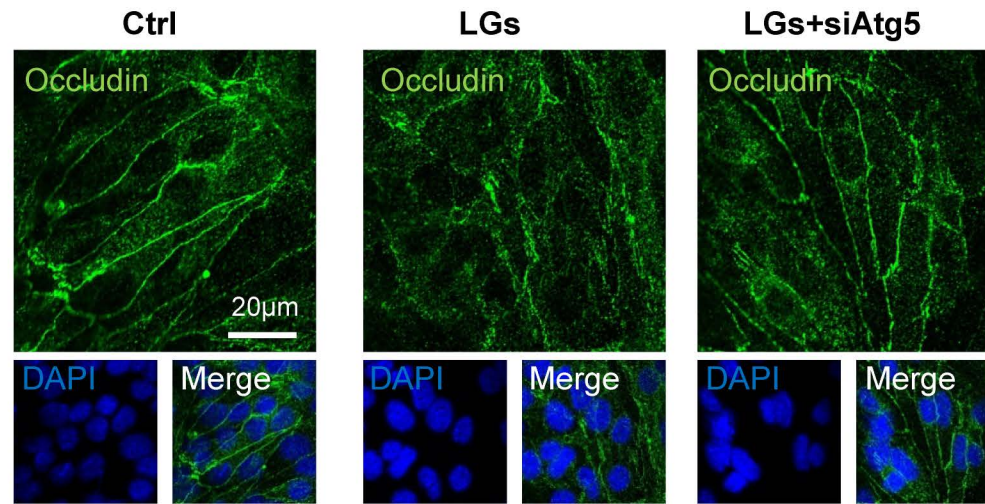
(A)



(B)



Supplementary Figure 12



Supplementary Figure 13