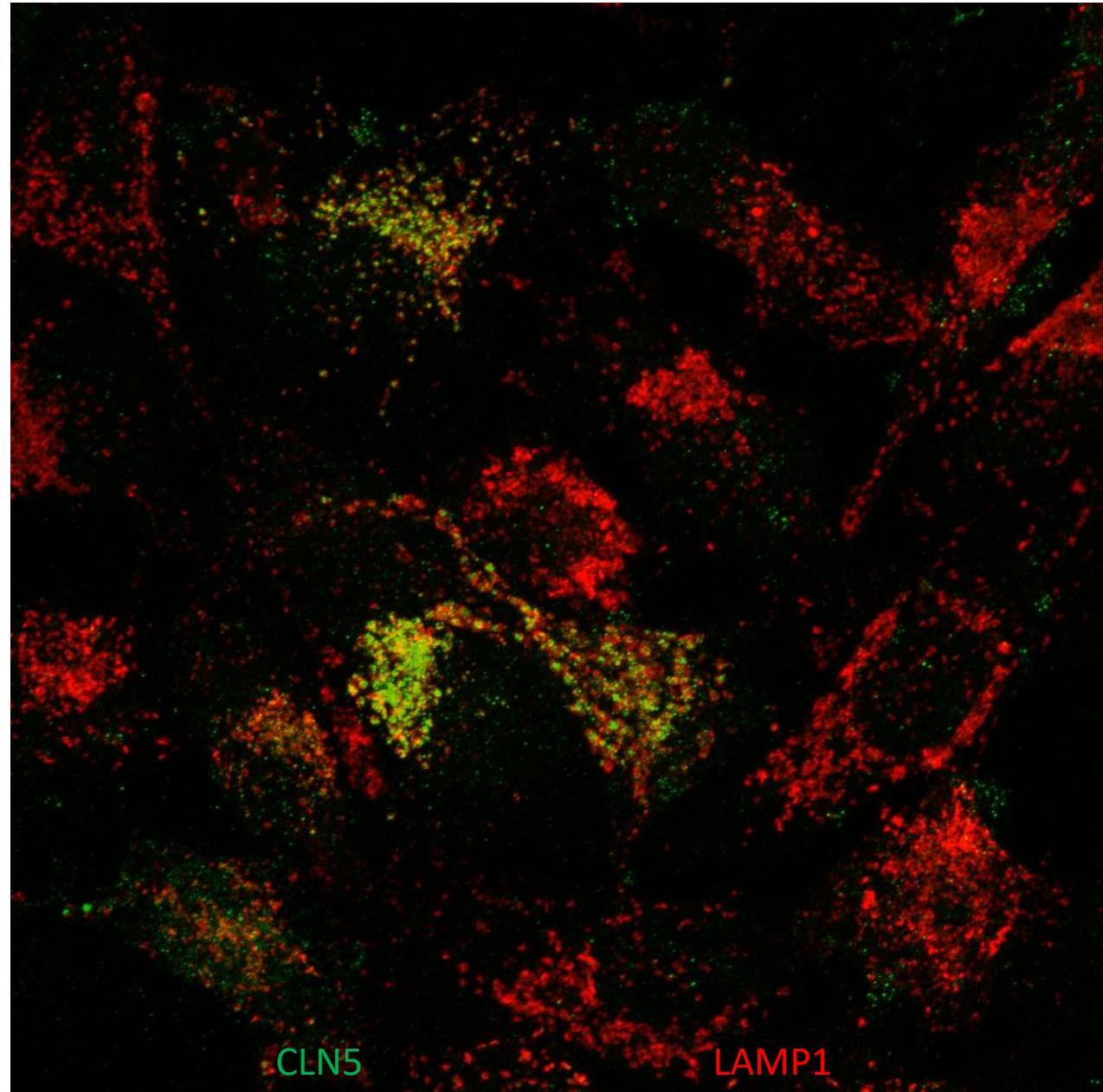


S1: HeLa cell images used for colocalization analysis shown in Fig. 3 and 4.

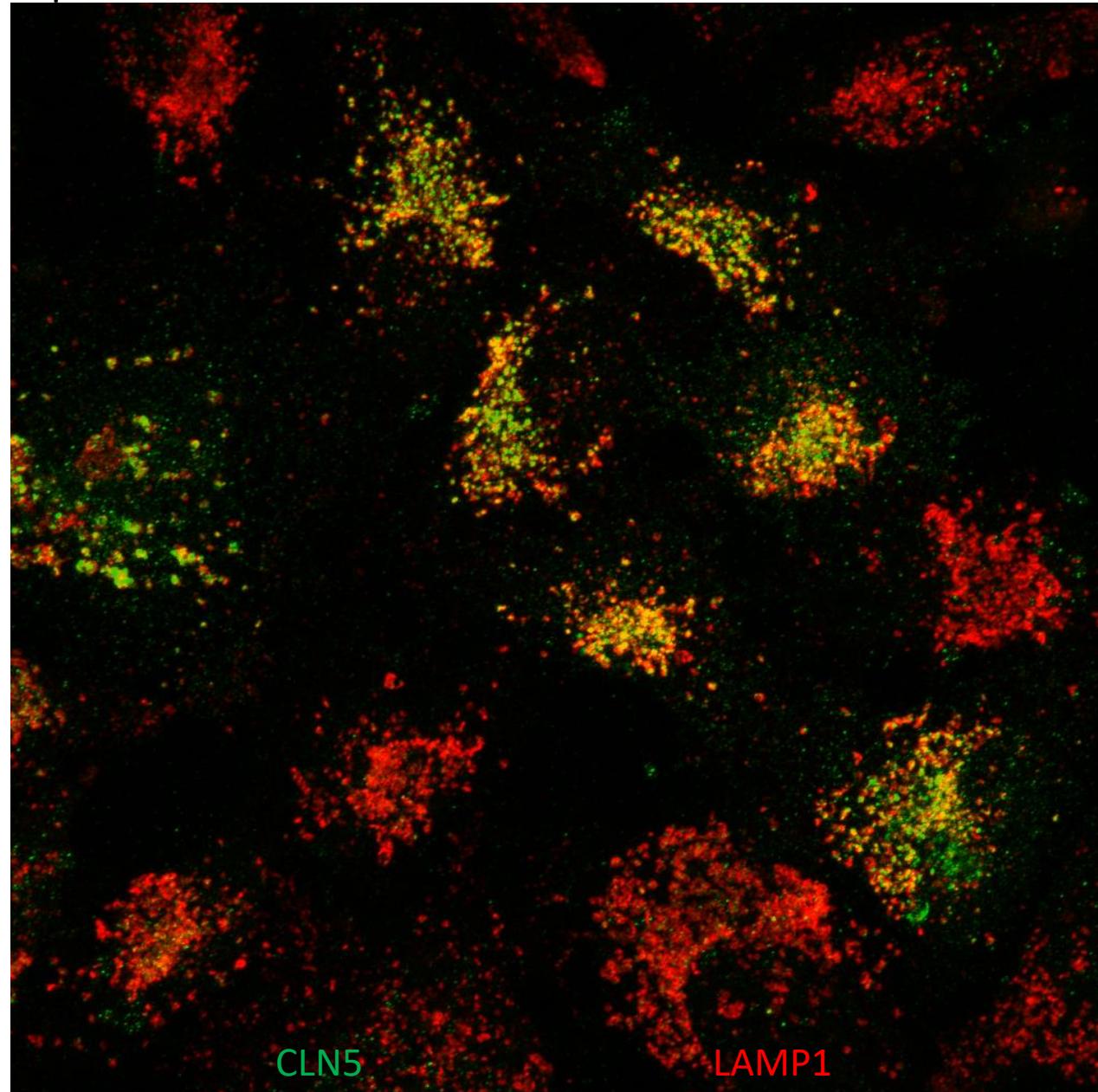
## WT CLN5 expression and co-localization with Lysosomal marker Lamp1

WT CLN5 expression



CLN5

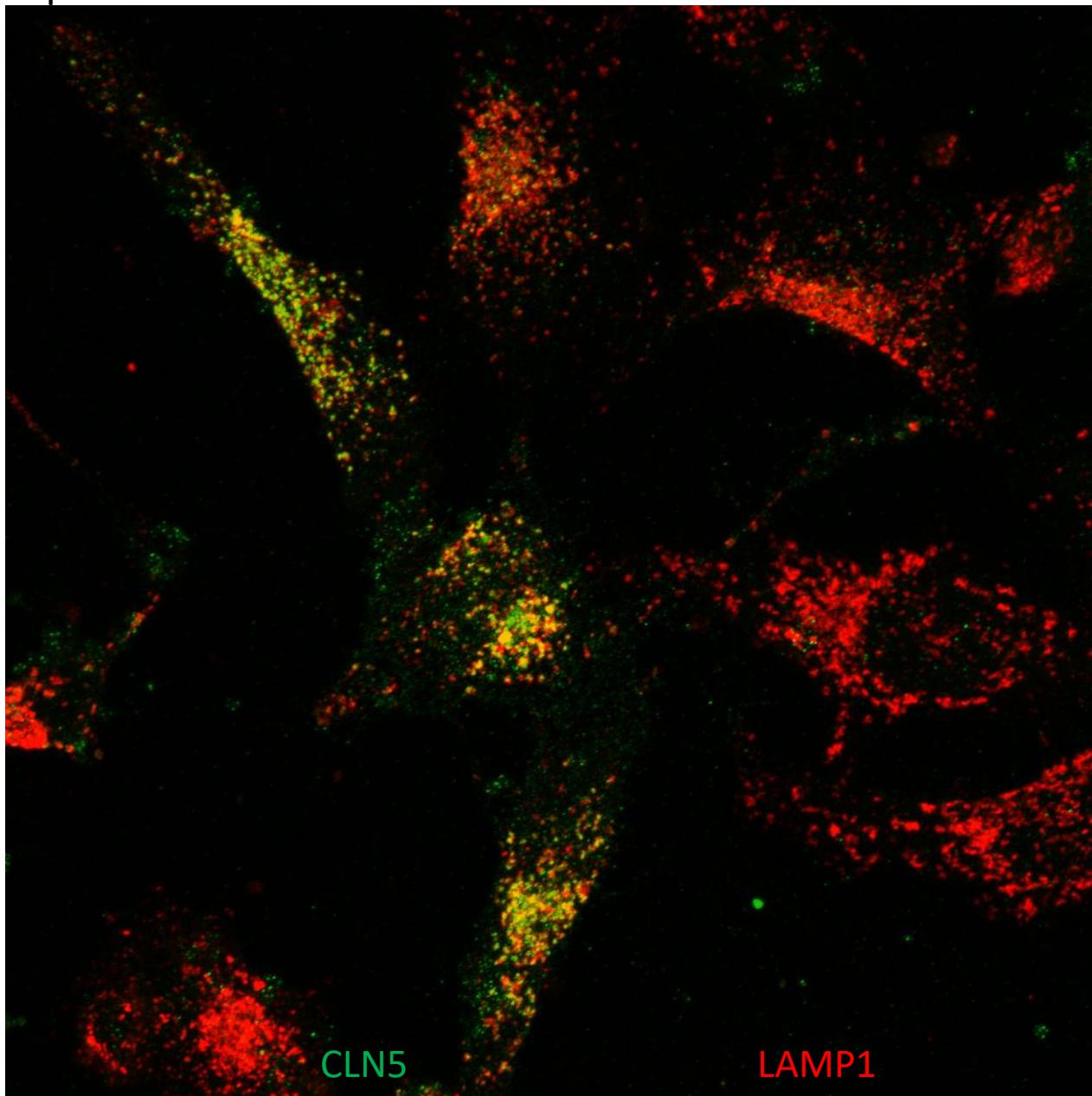
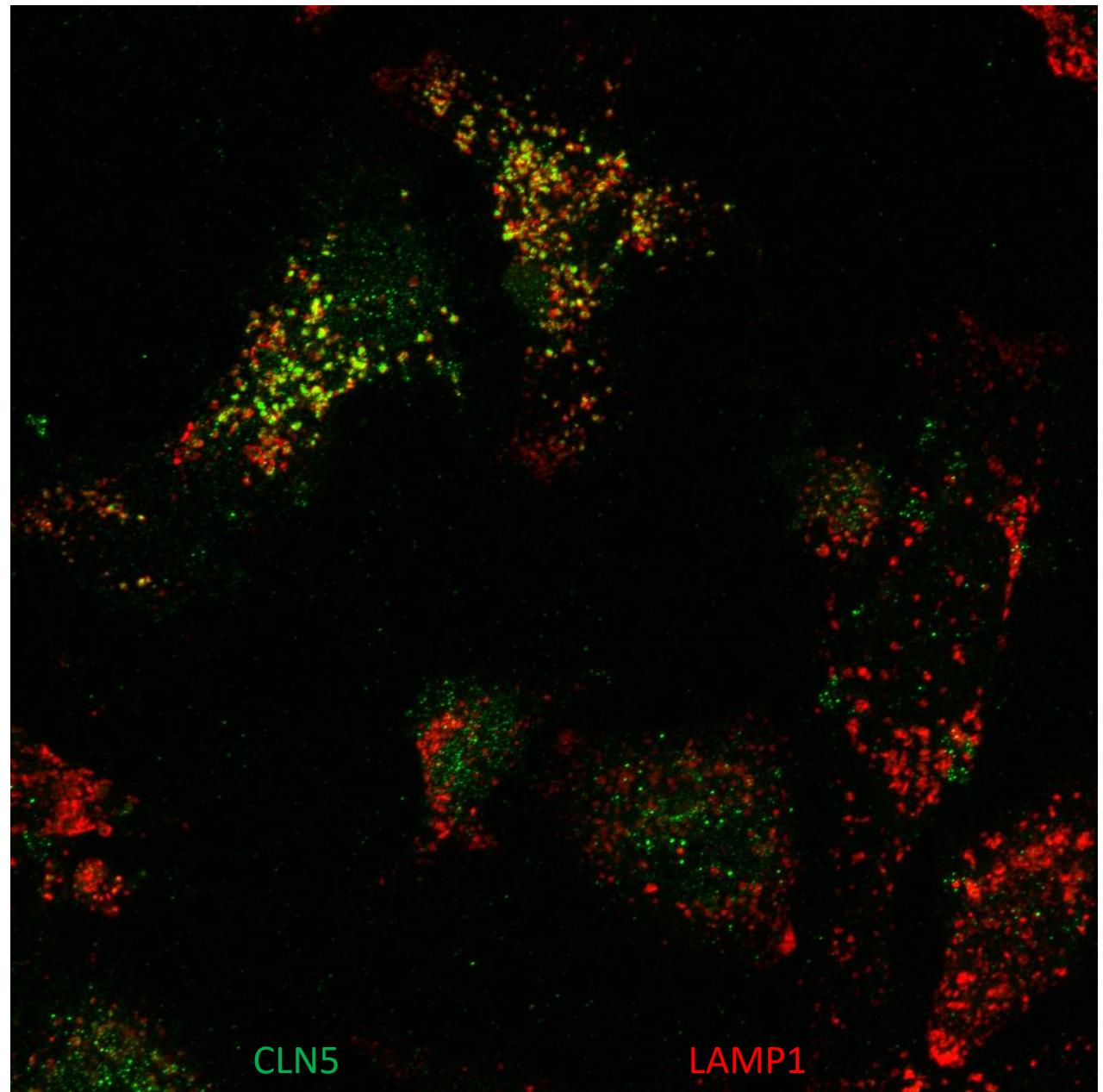
LAMP1



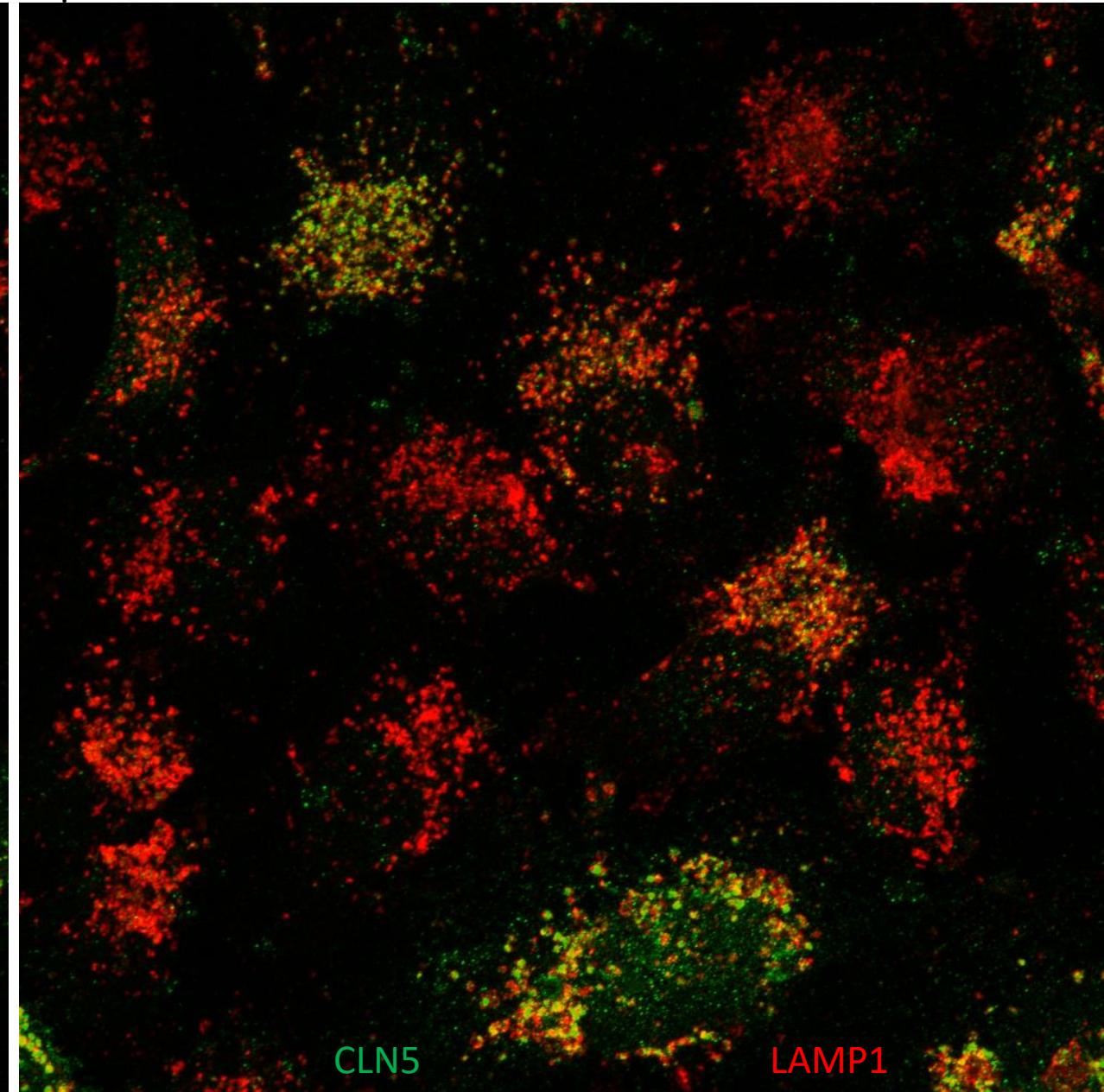
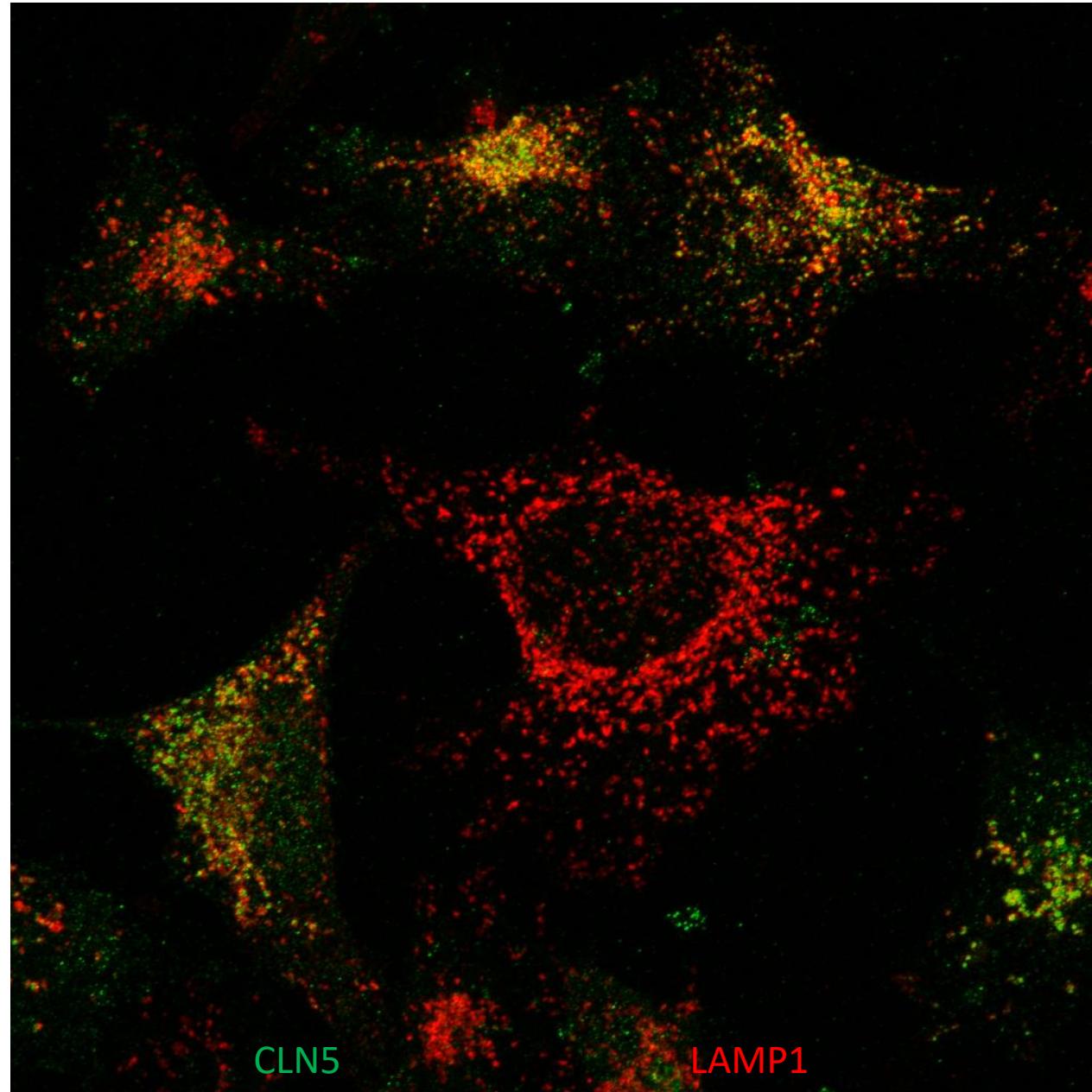
CLN5

LAMP1

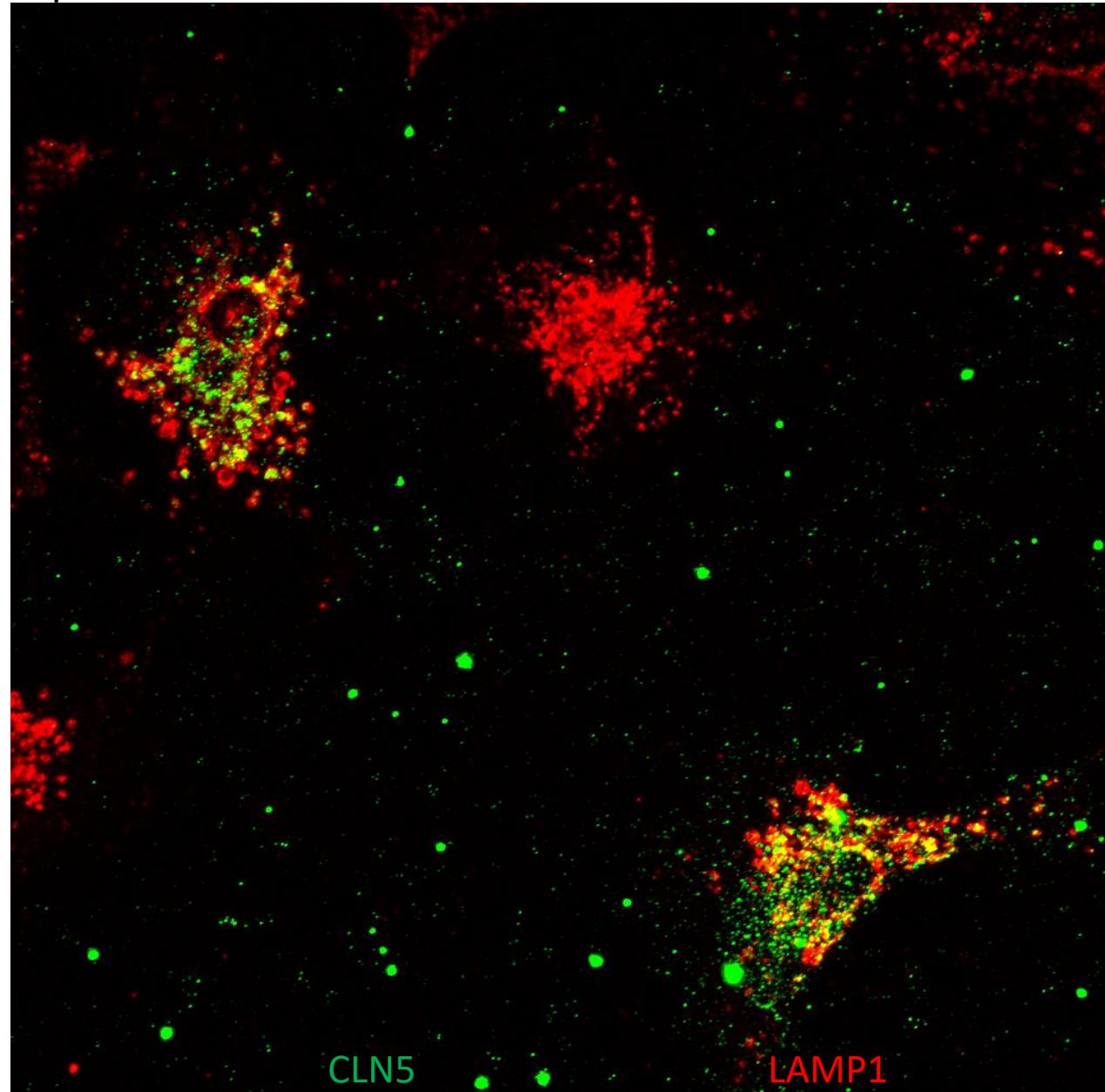
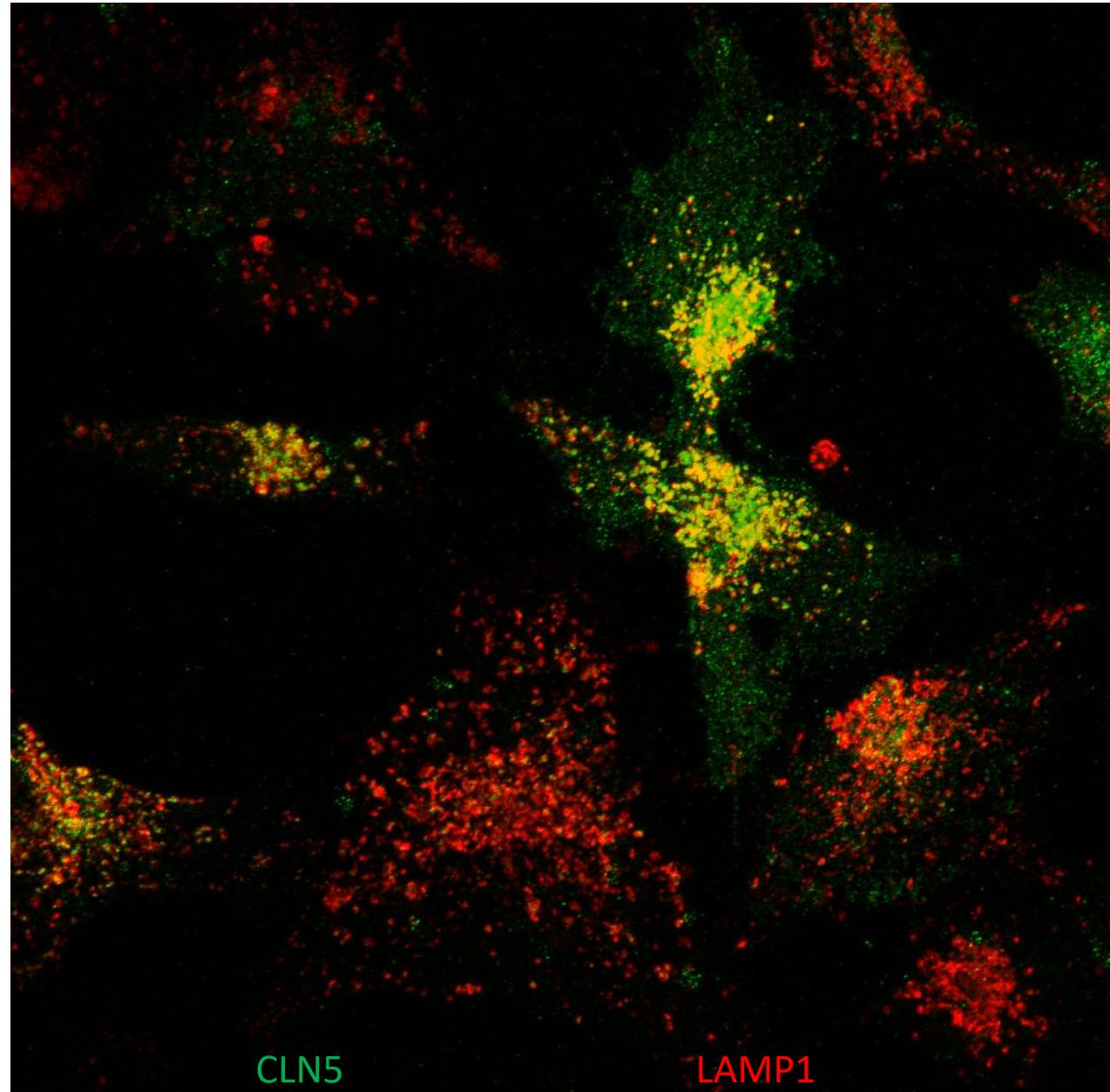
WT CLN5 expression



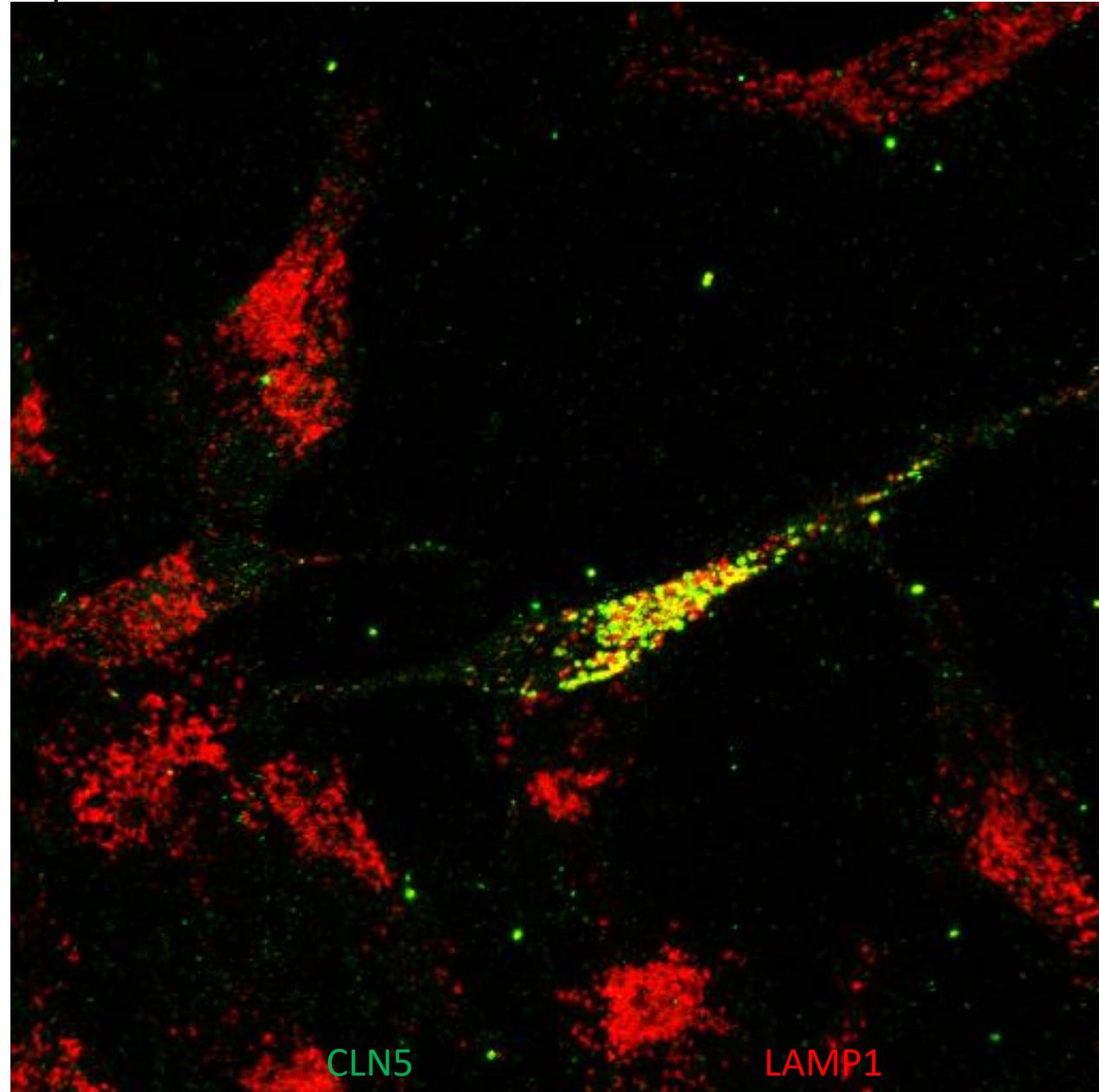
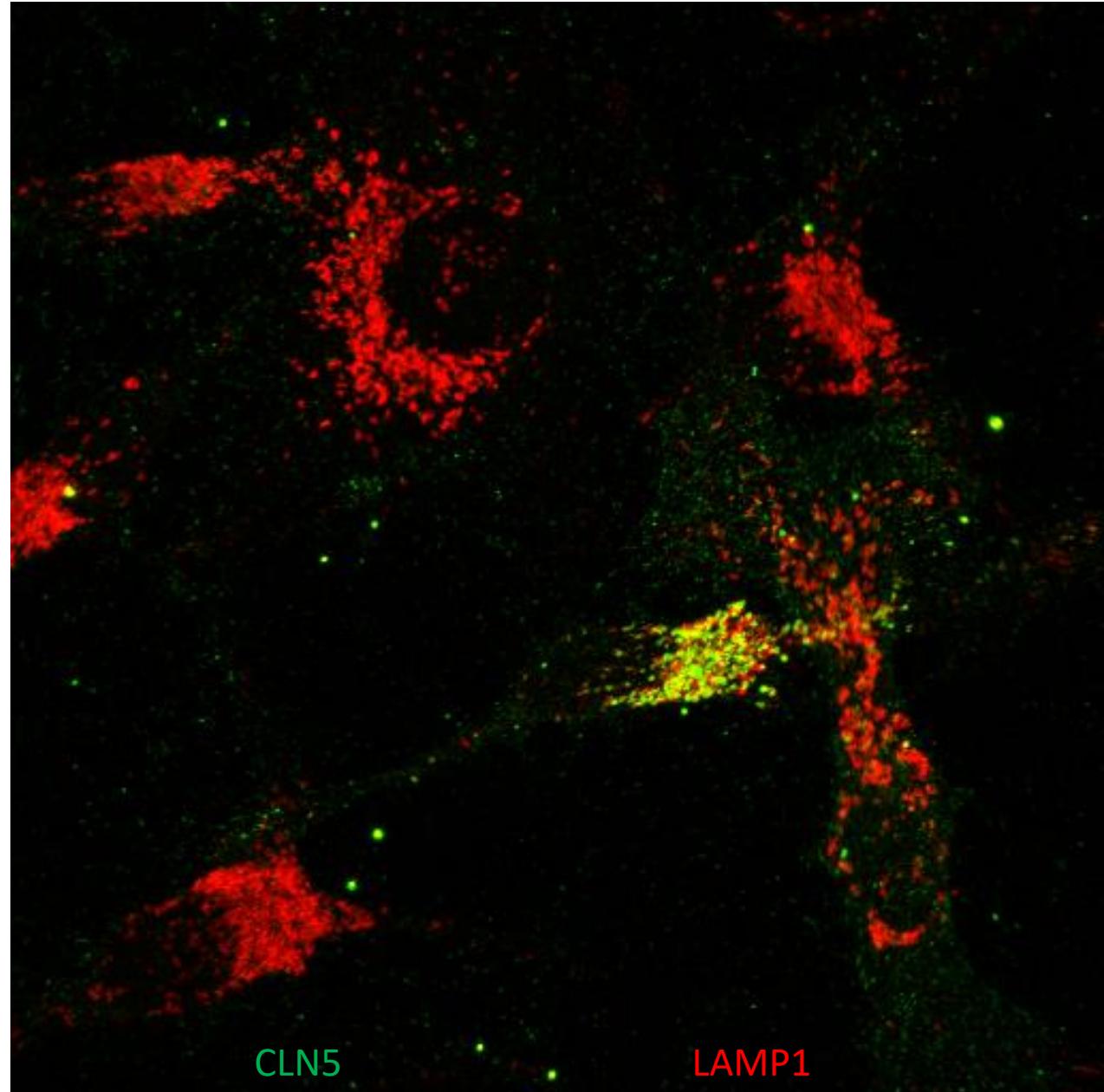
WT CLN5 expression



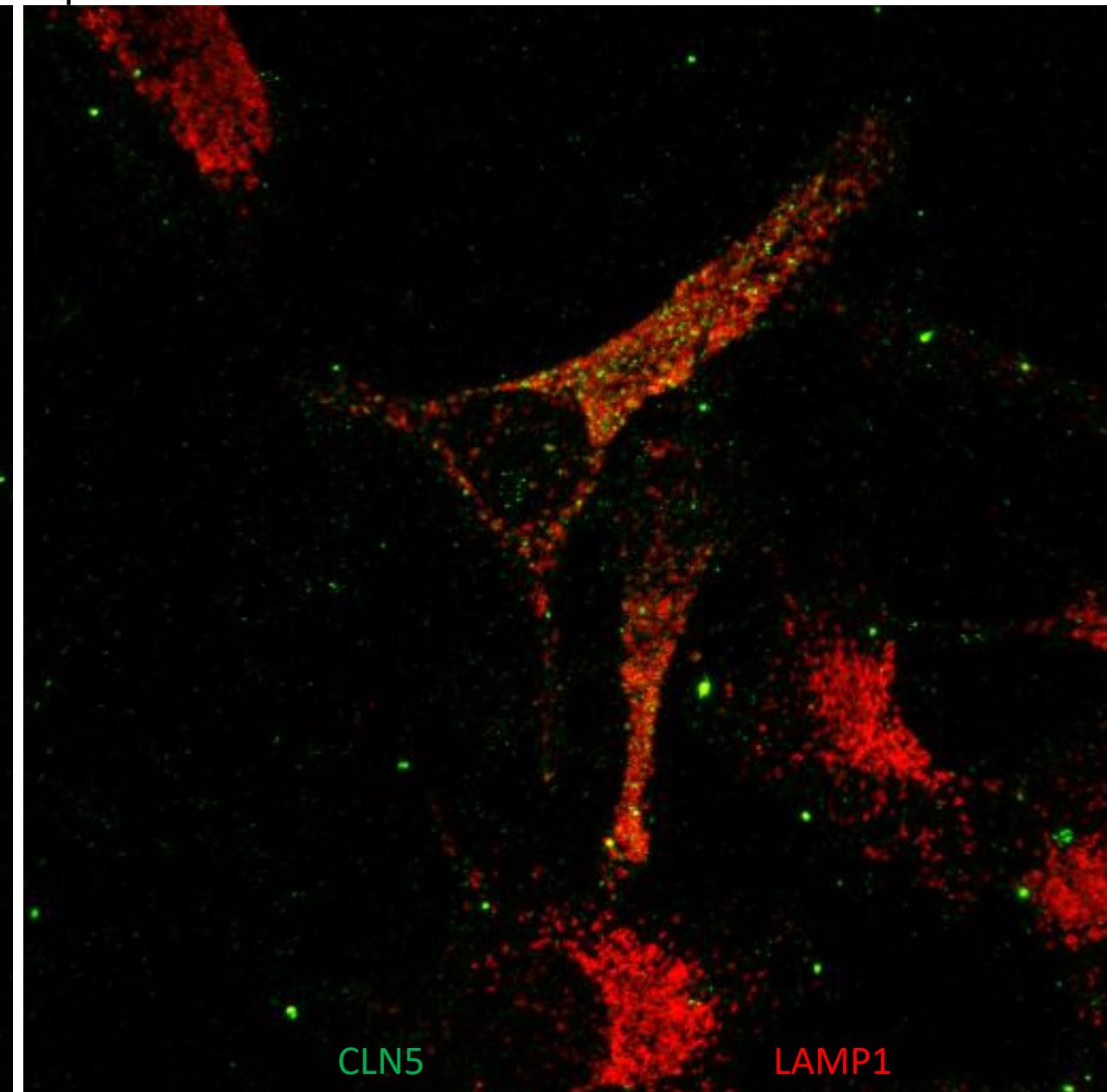
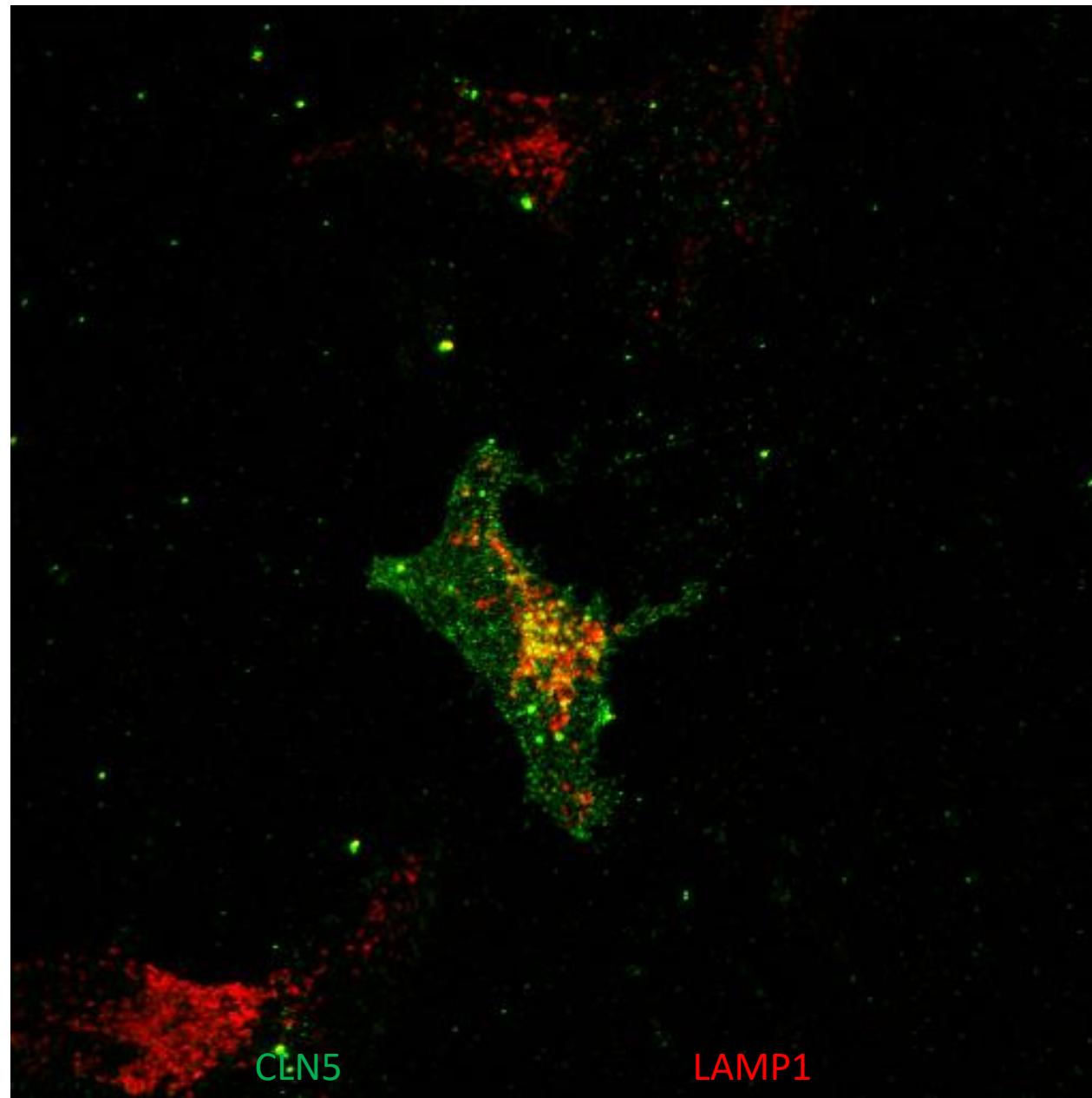
WT CLN5 expression



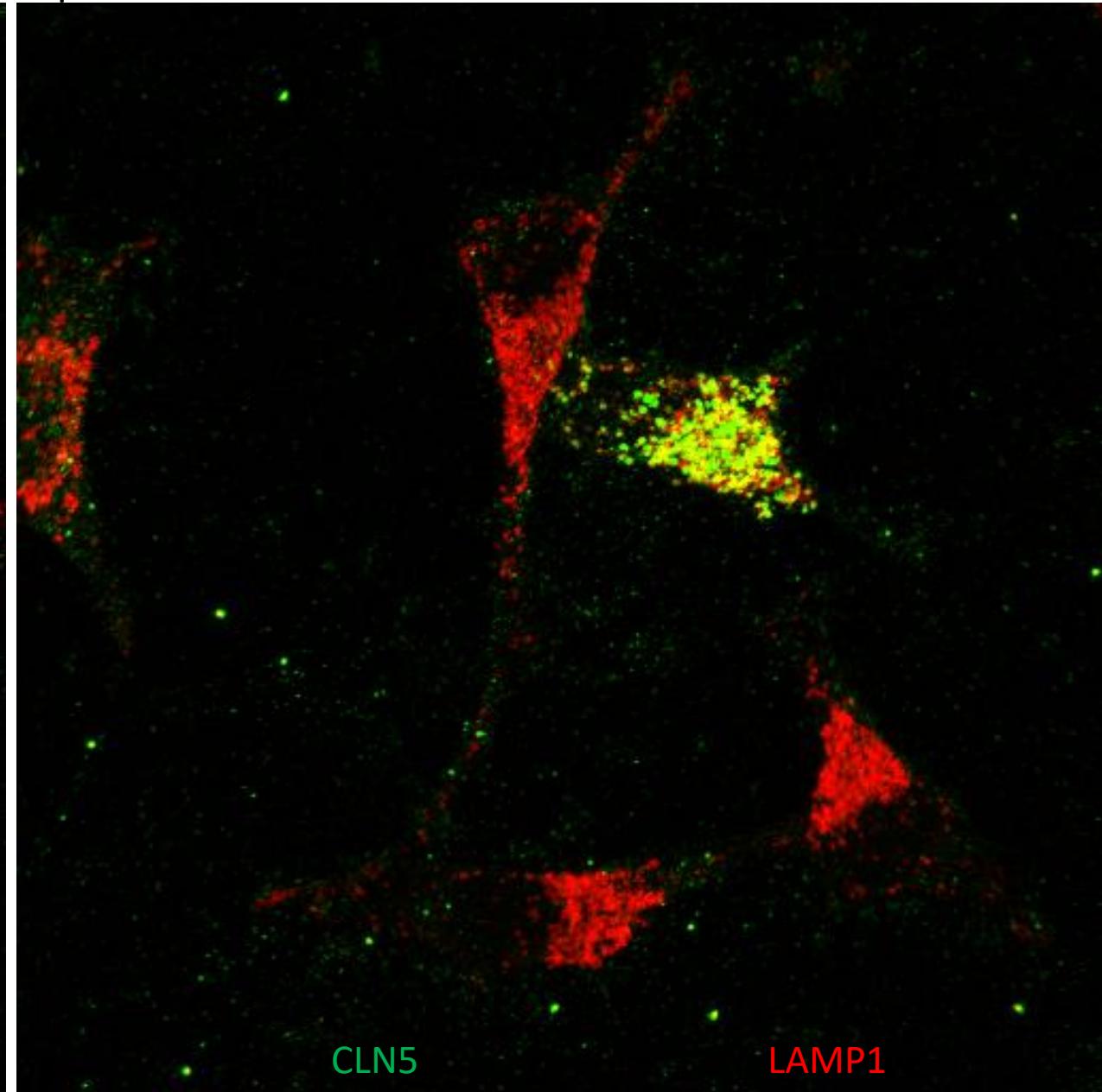
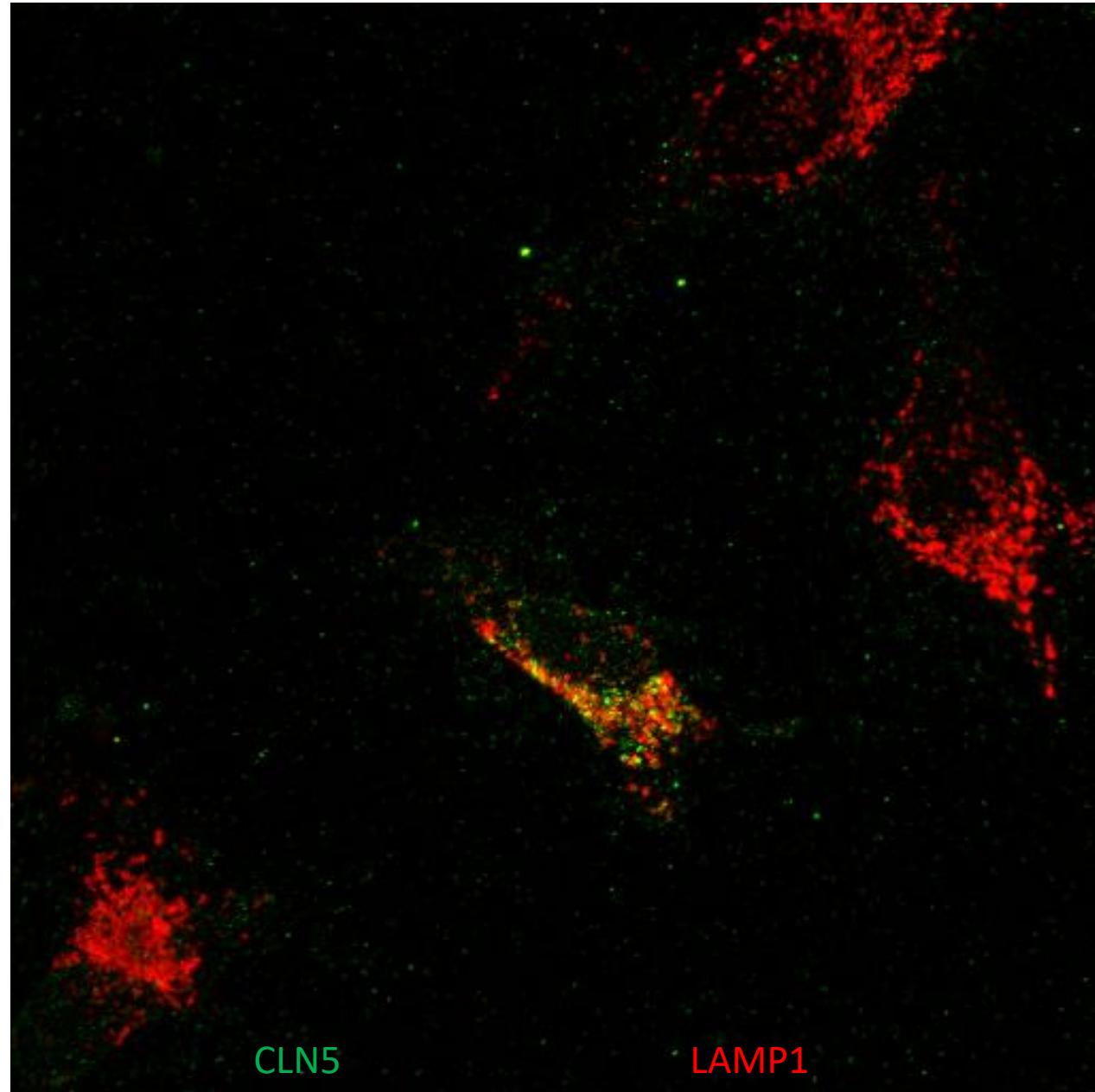
WT CLN5 expression



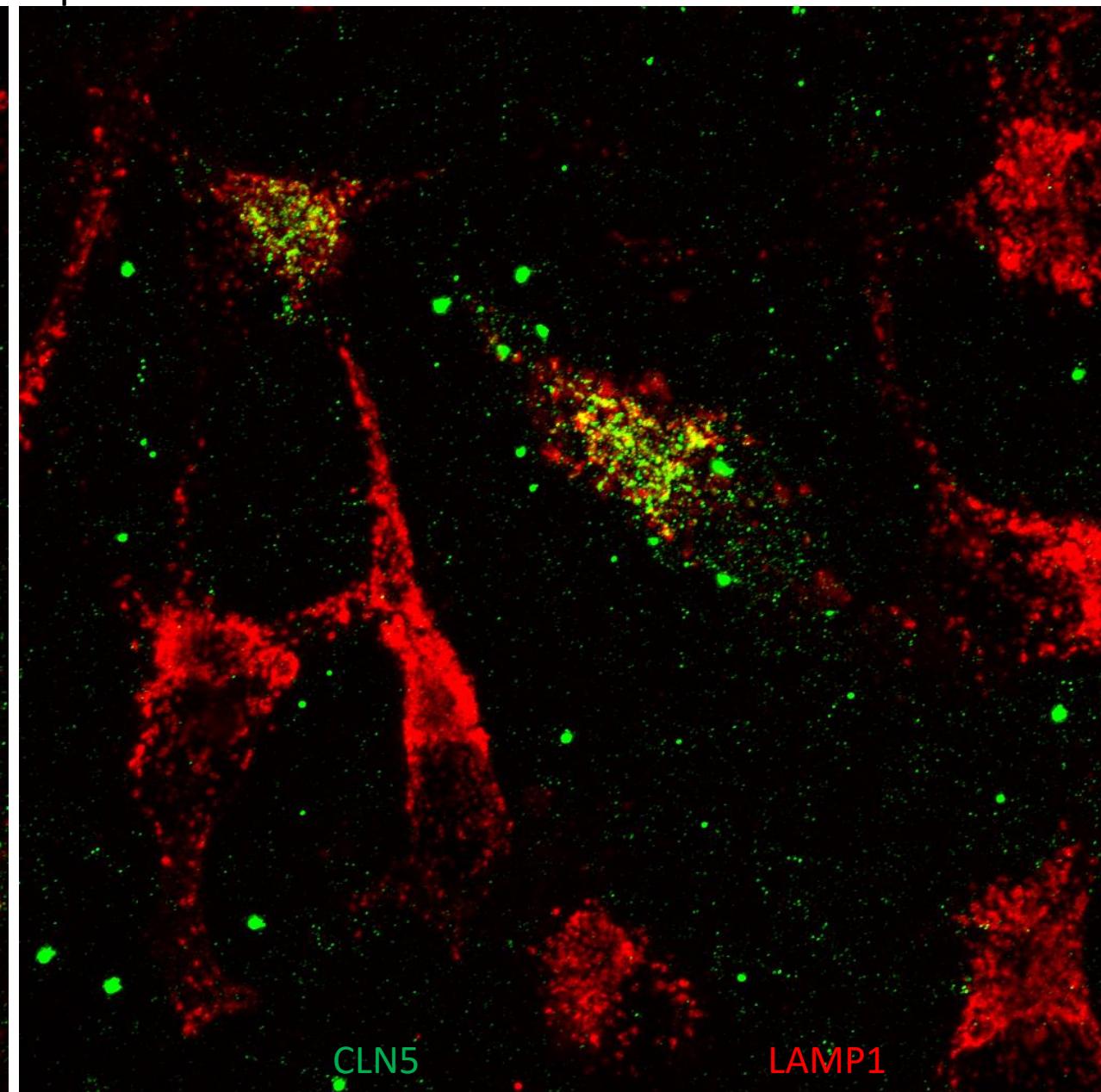
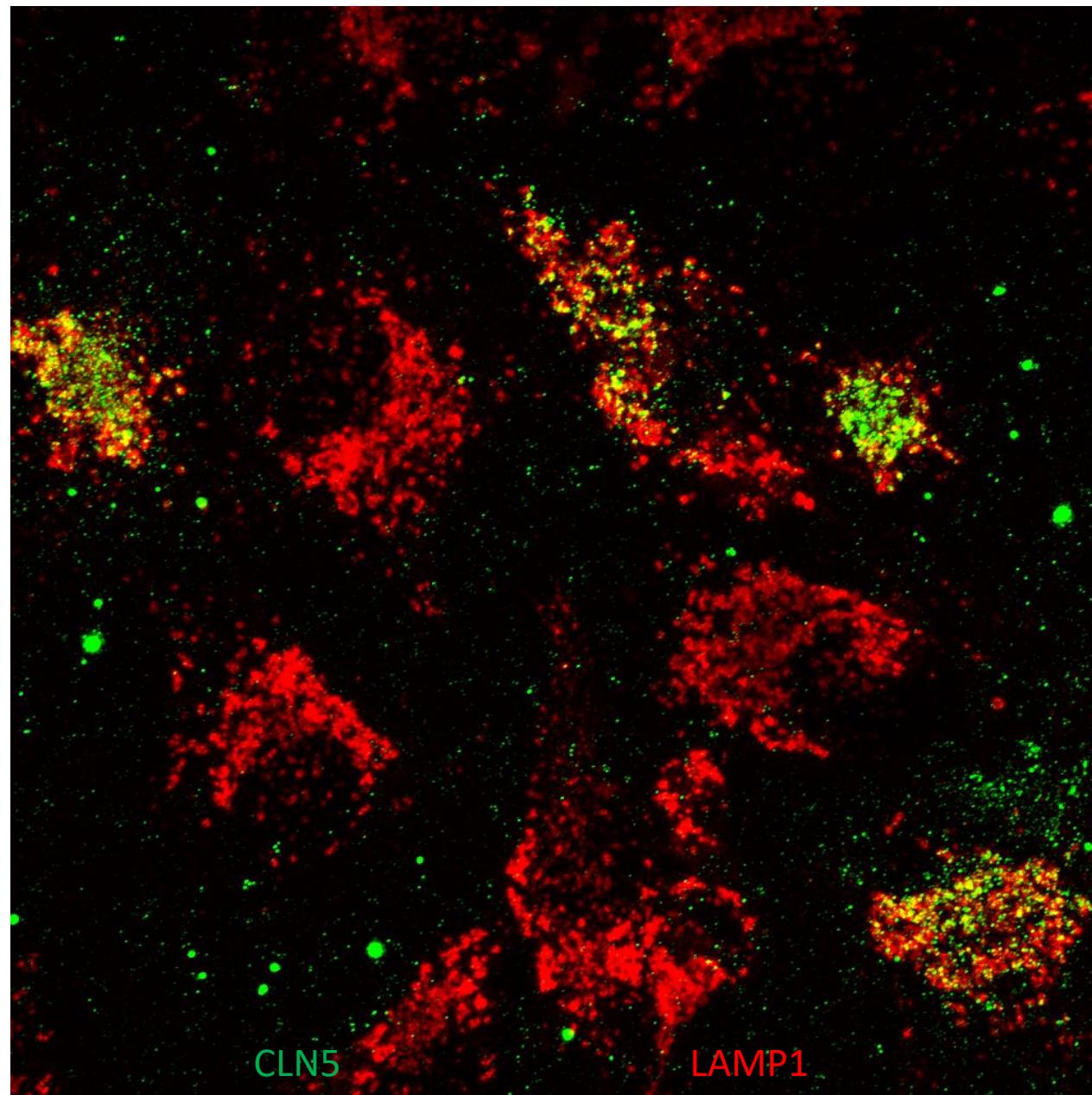
WT CLN5 expression



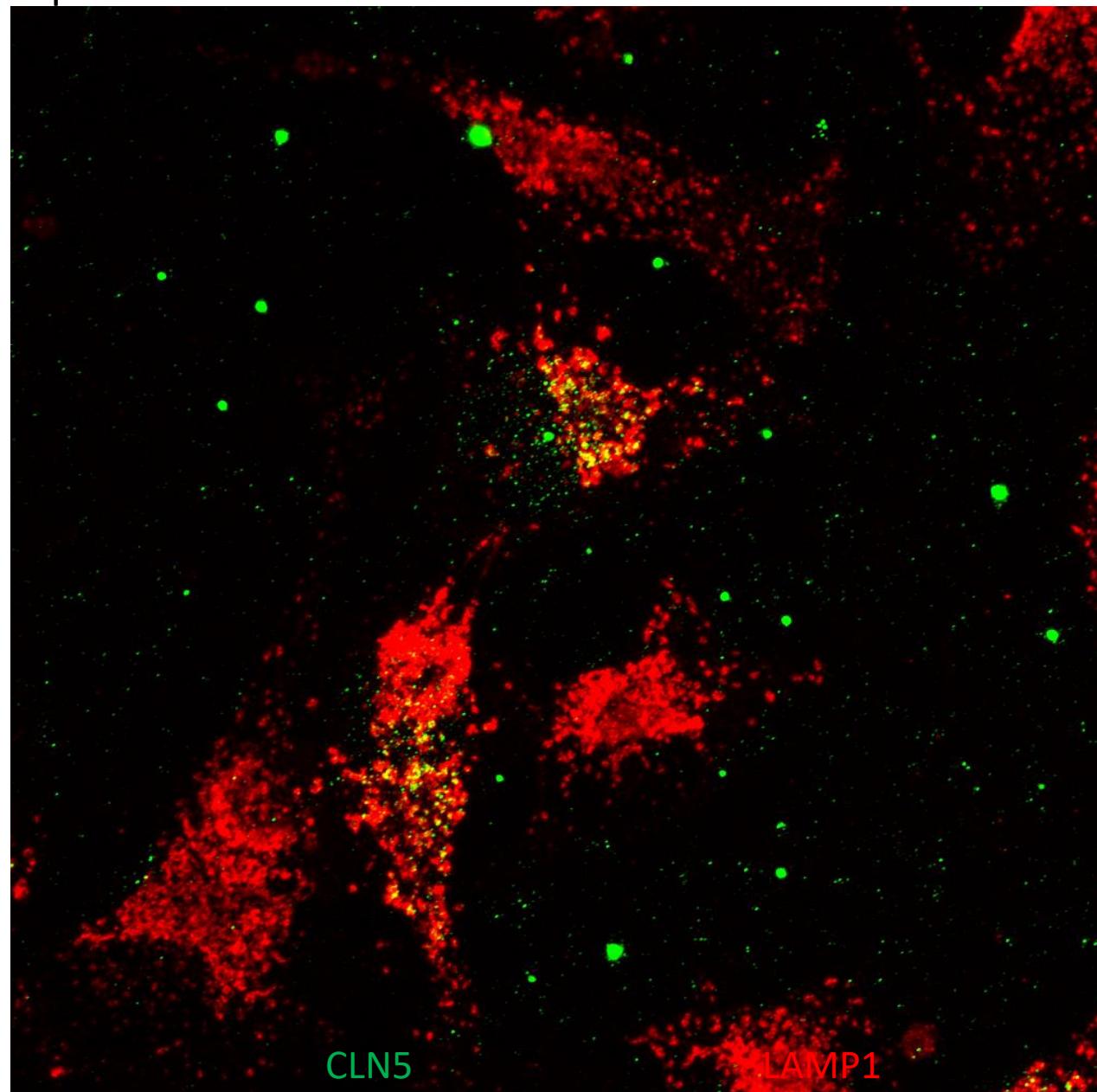
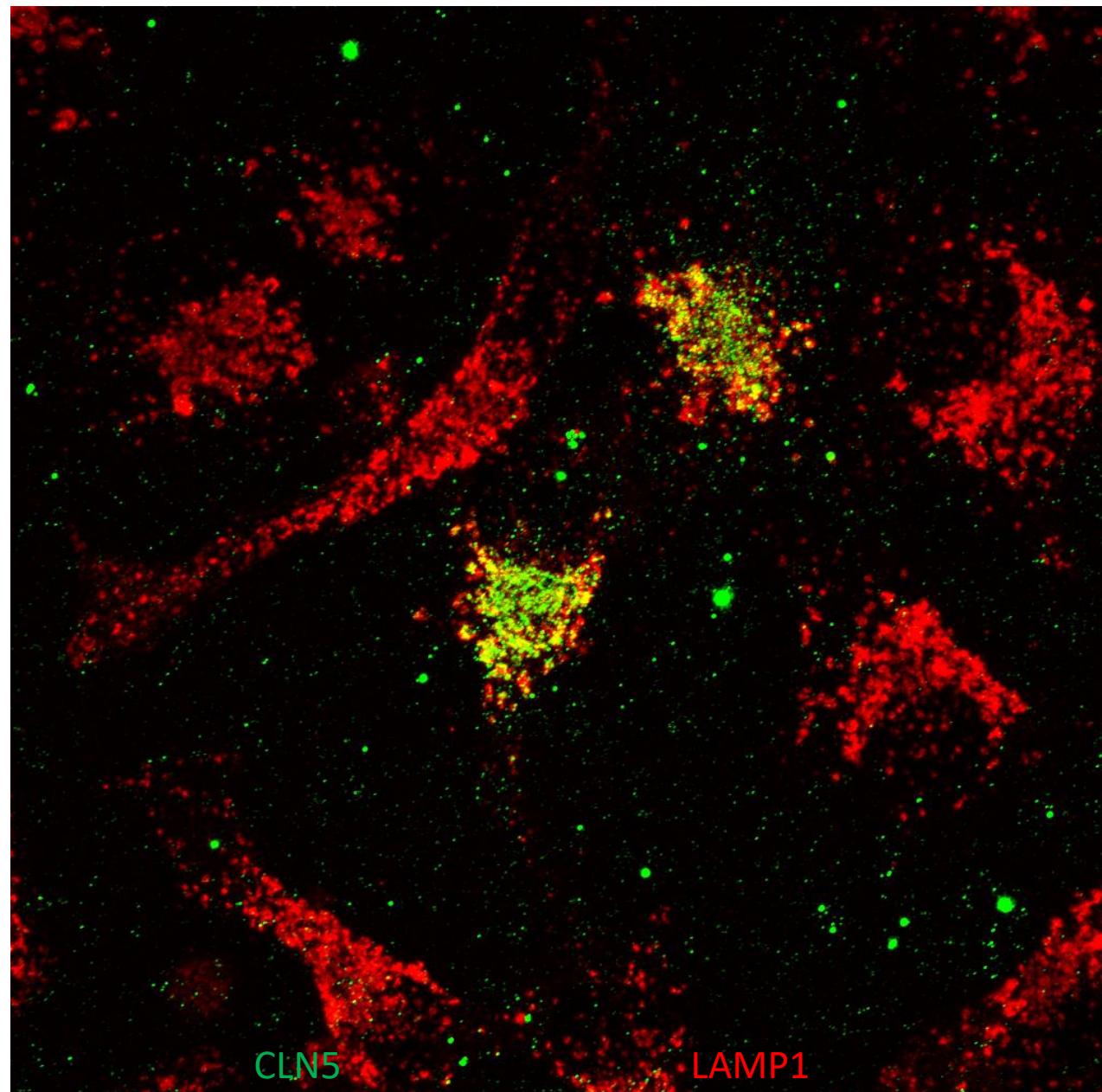
WT CLN5 expression



WT CLN5 expression

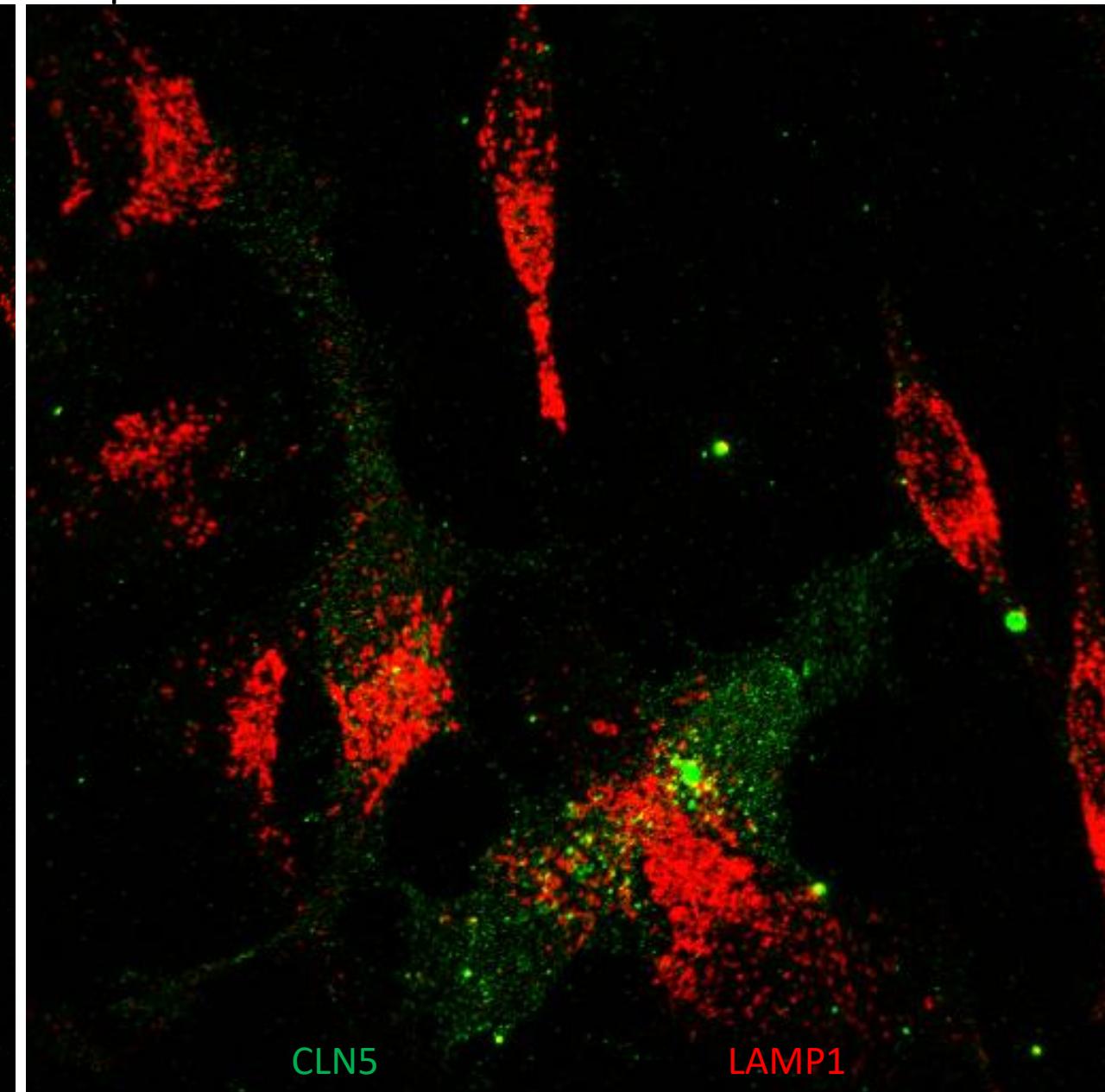
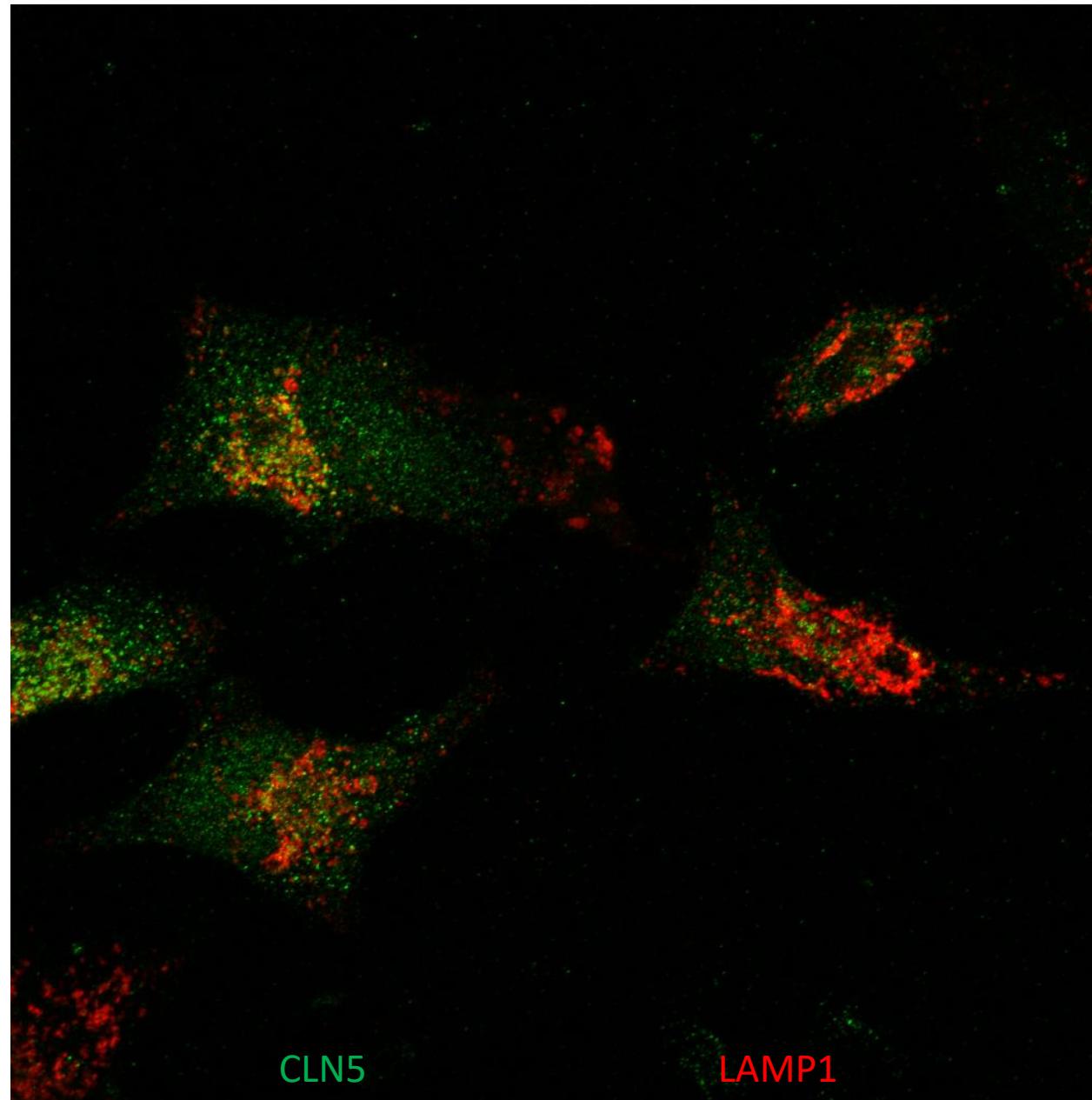


WT CLN5 expression

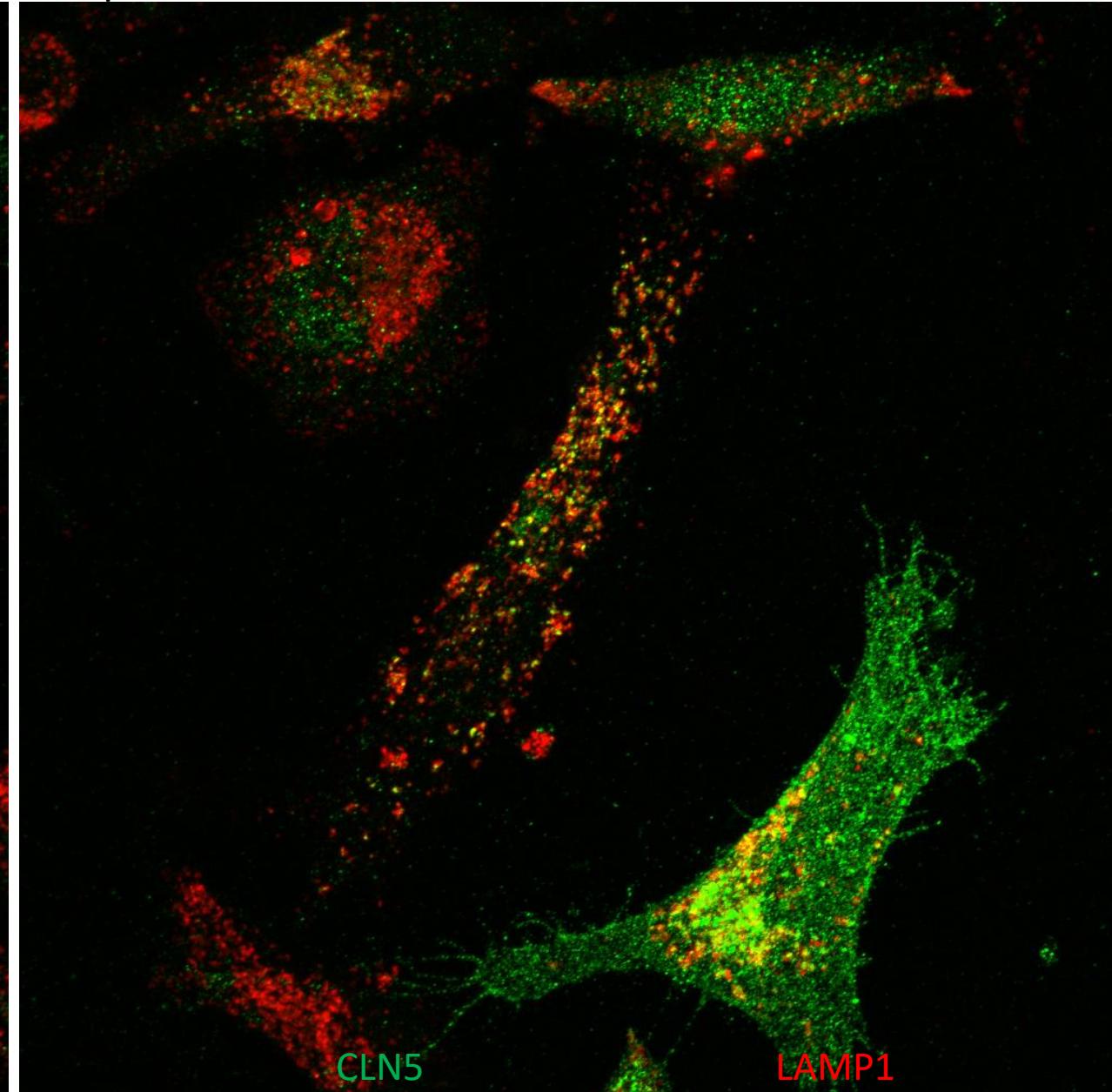
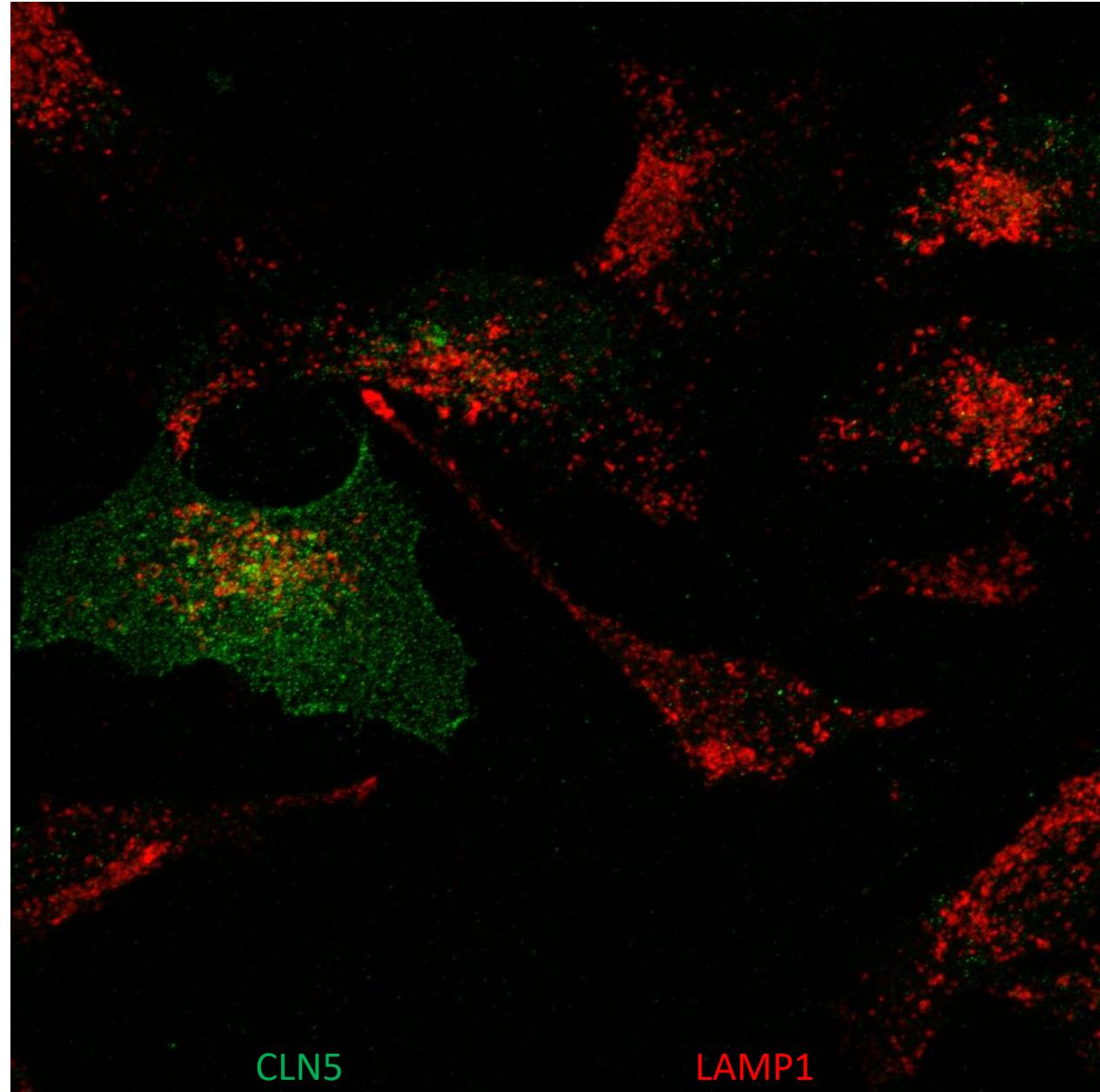


N320S CLN5 expression  
and co-localization with  
Lysosomal marker Lamp1

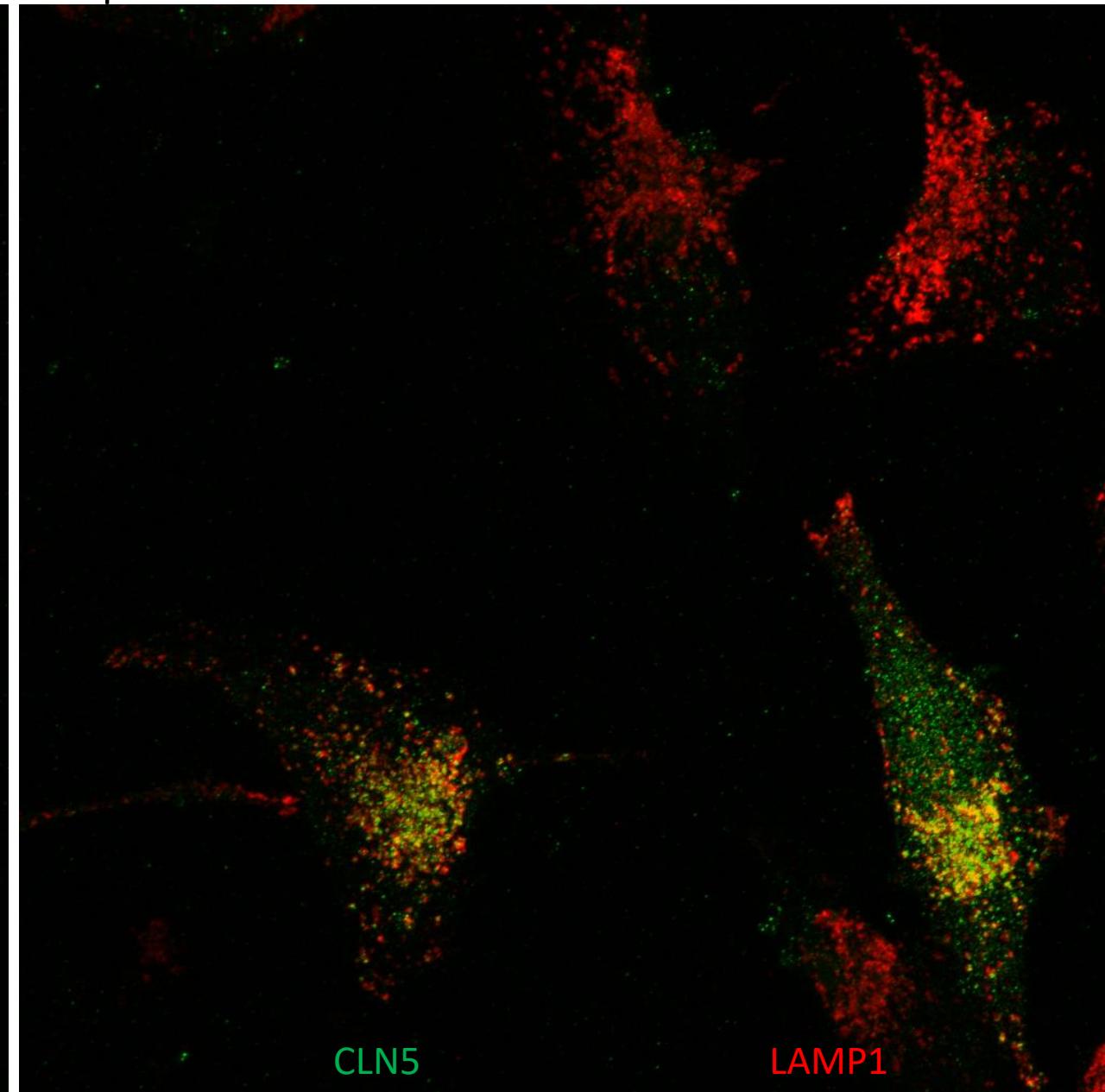
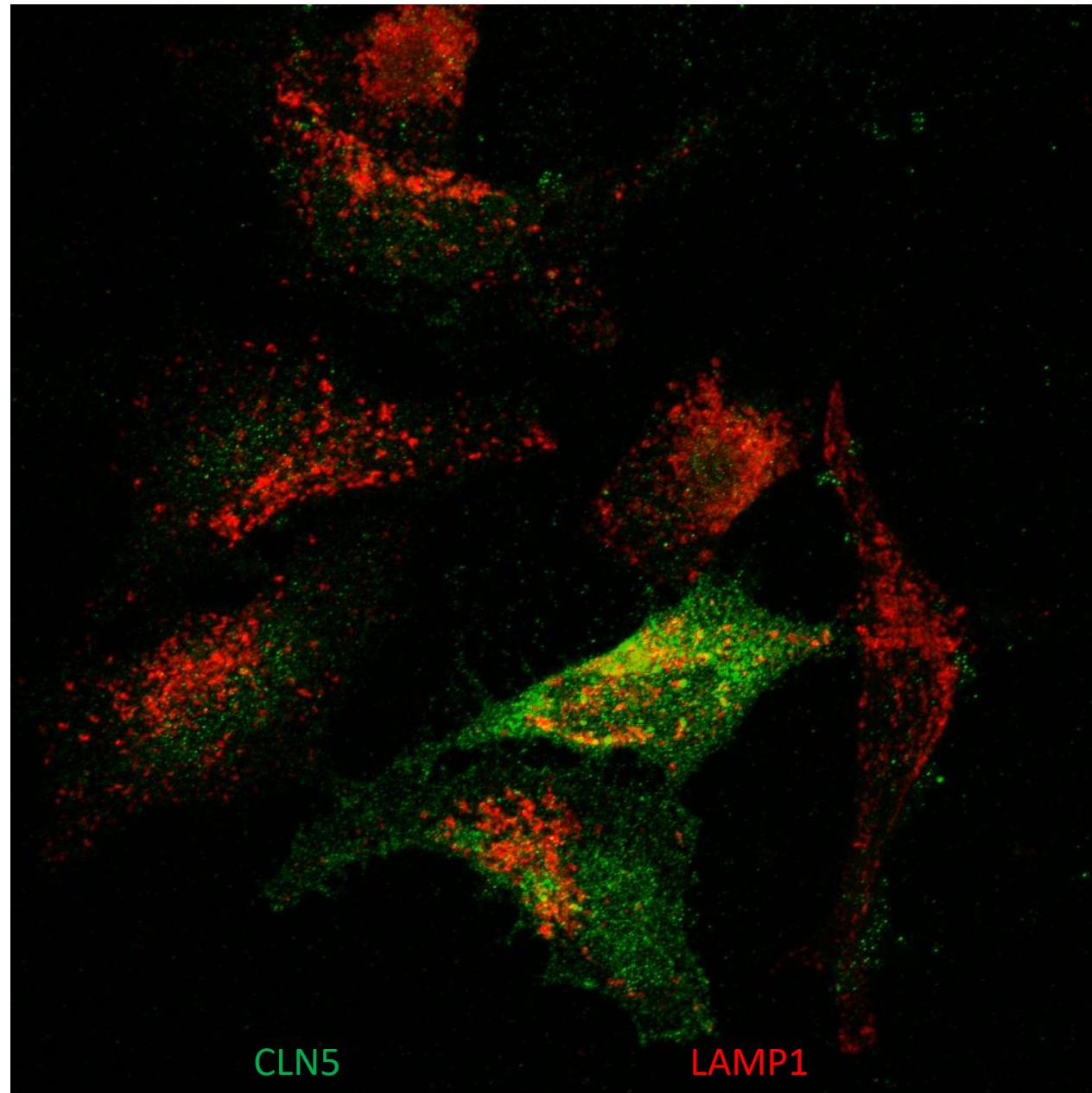
# N320S CLN5 expression



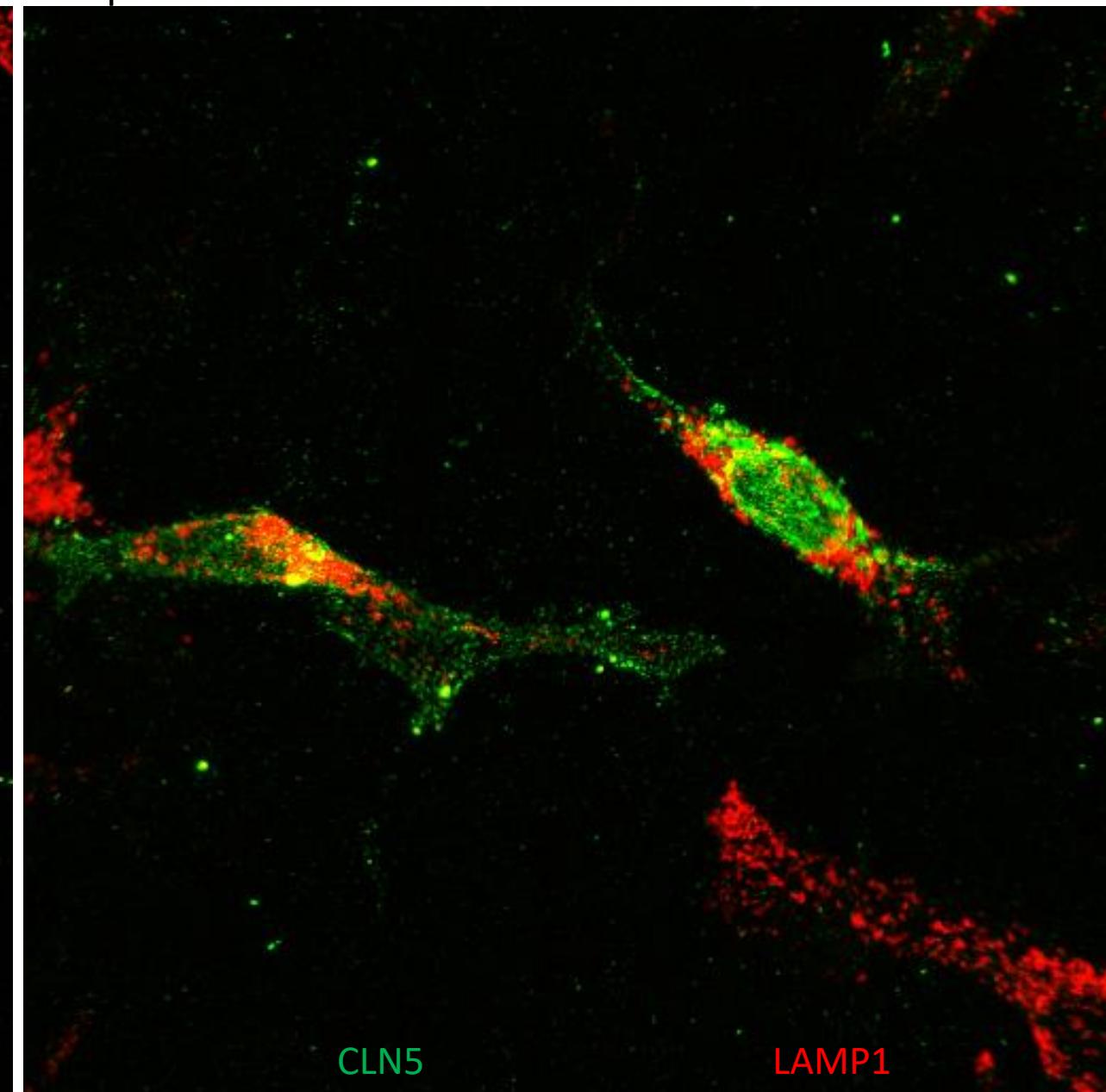
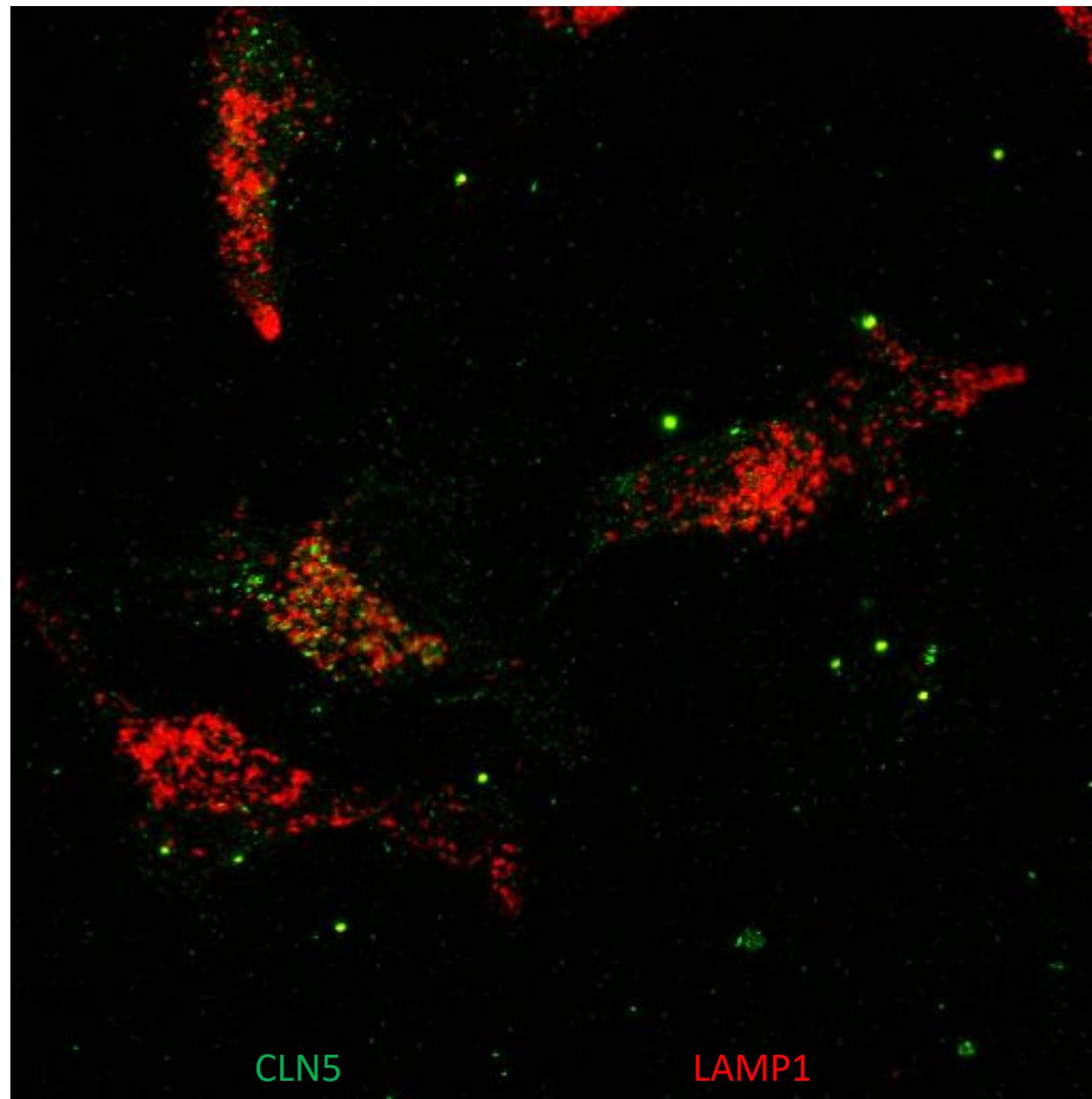
# N320S CLN5 expression



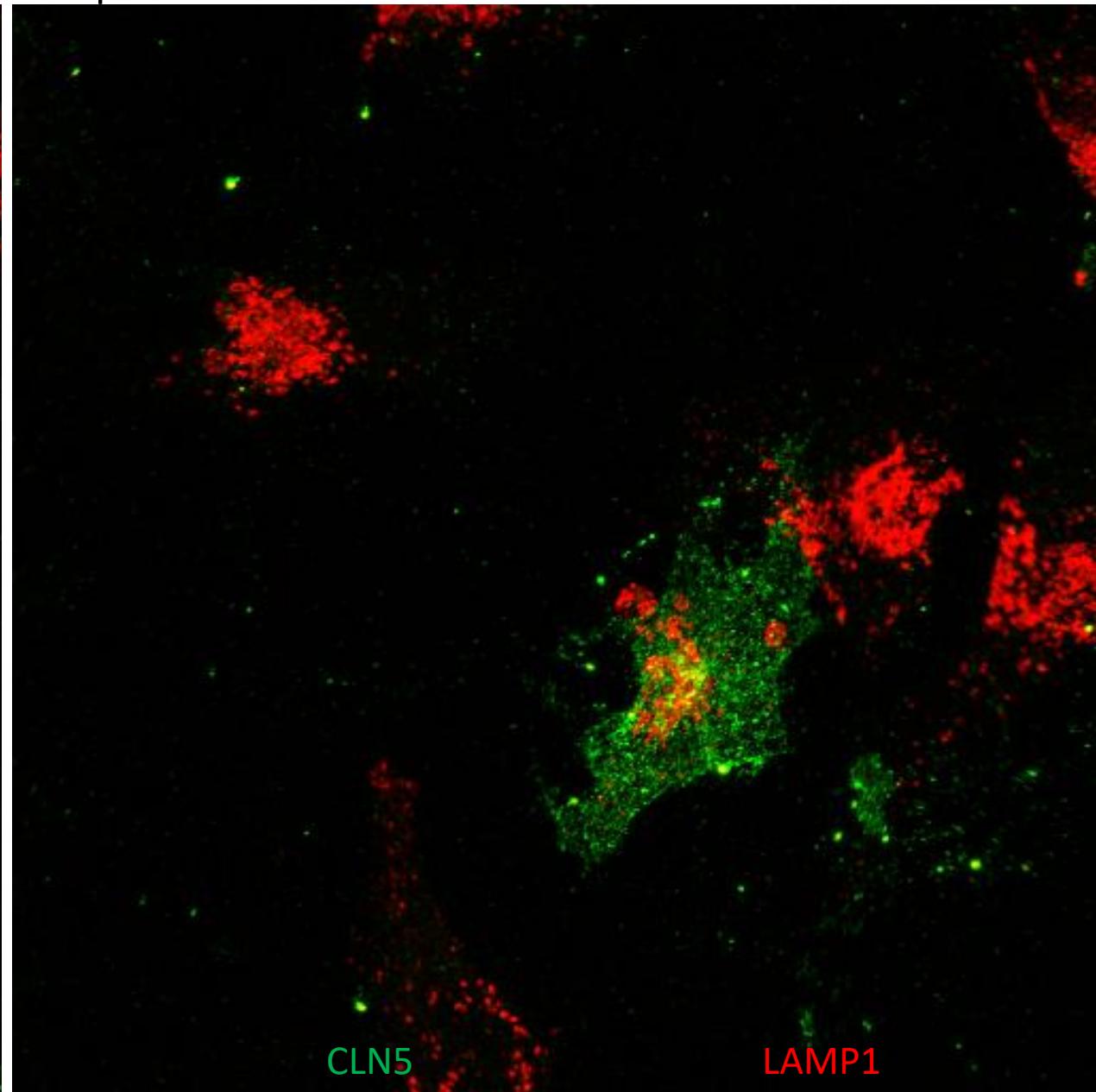
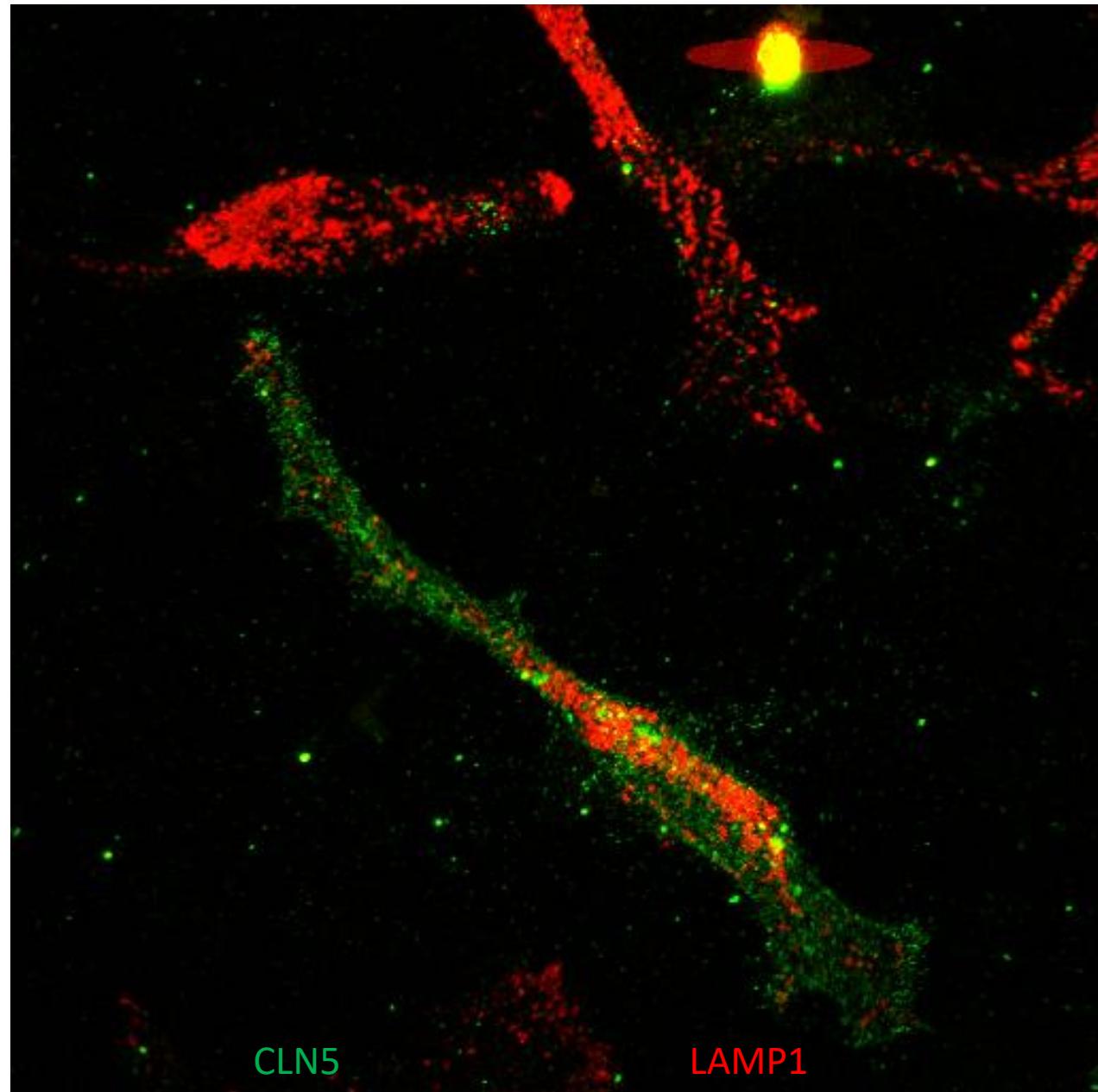
# N320S CLN5 expression



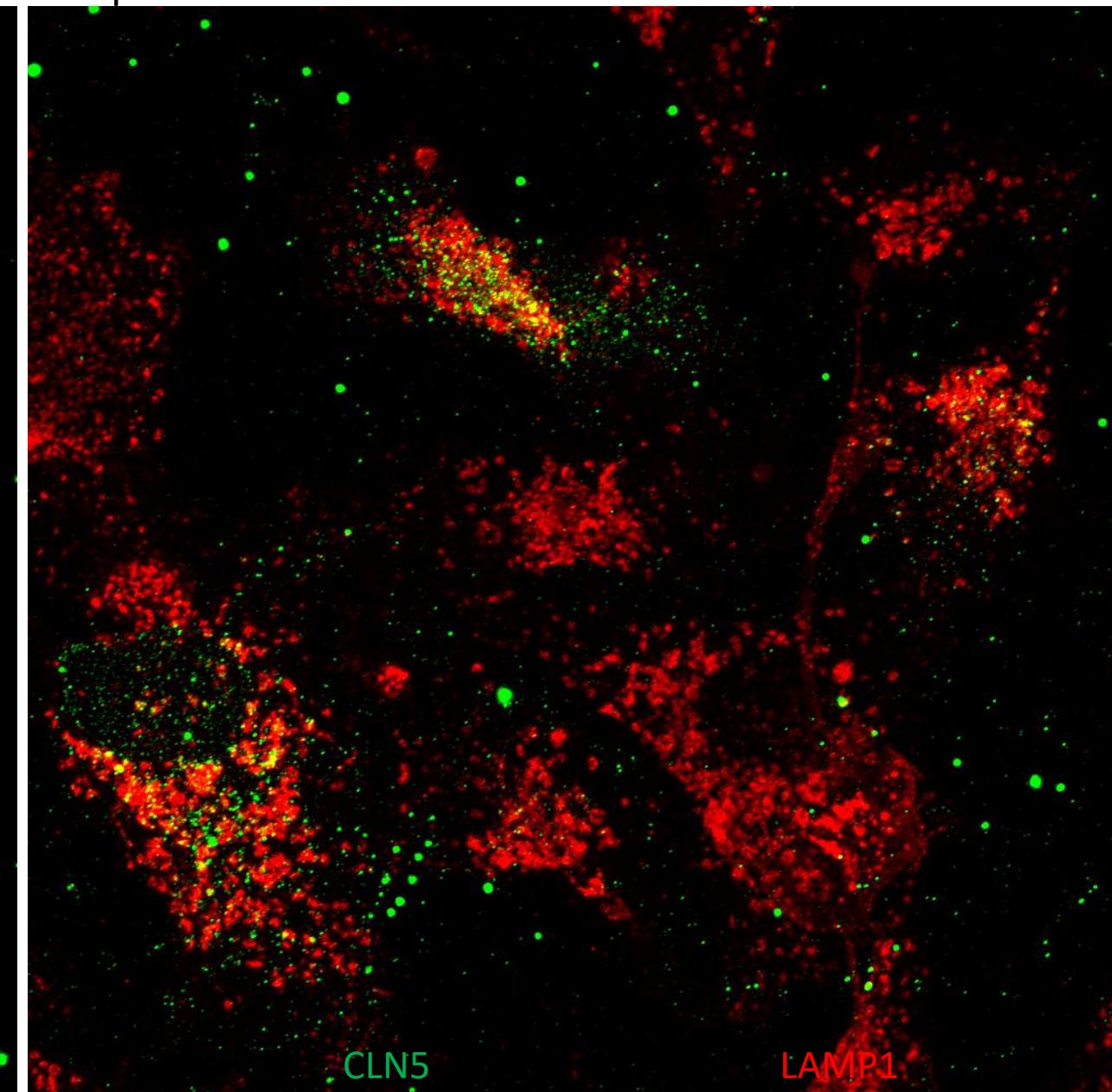
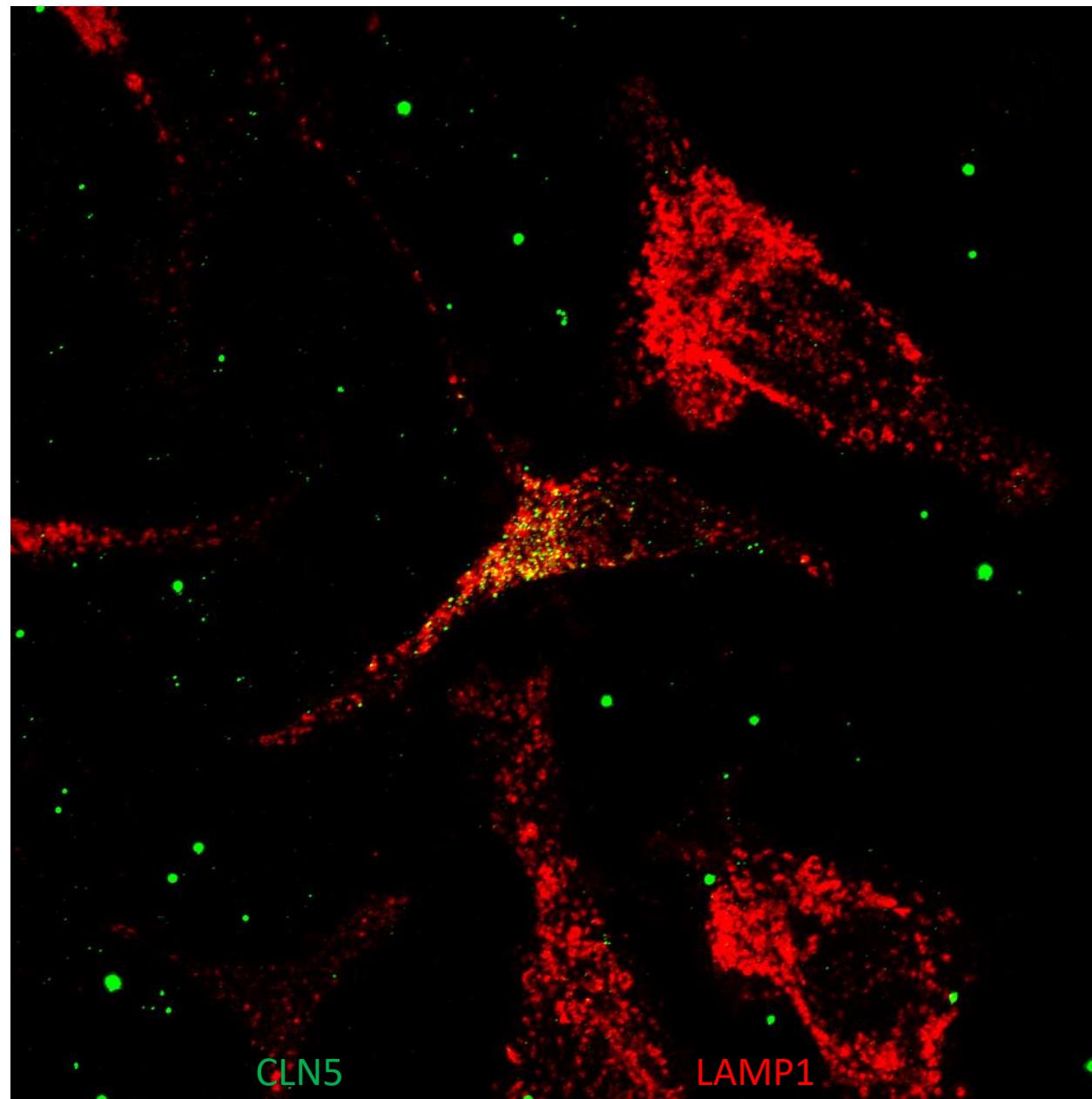
# N320S CLN5 expression



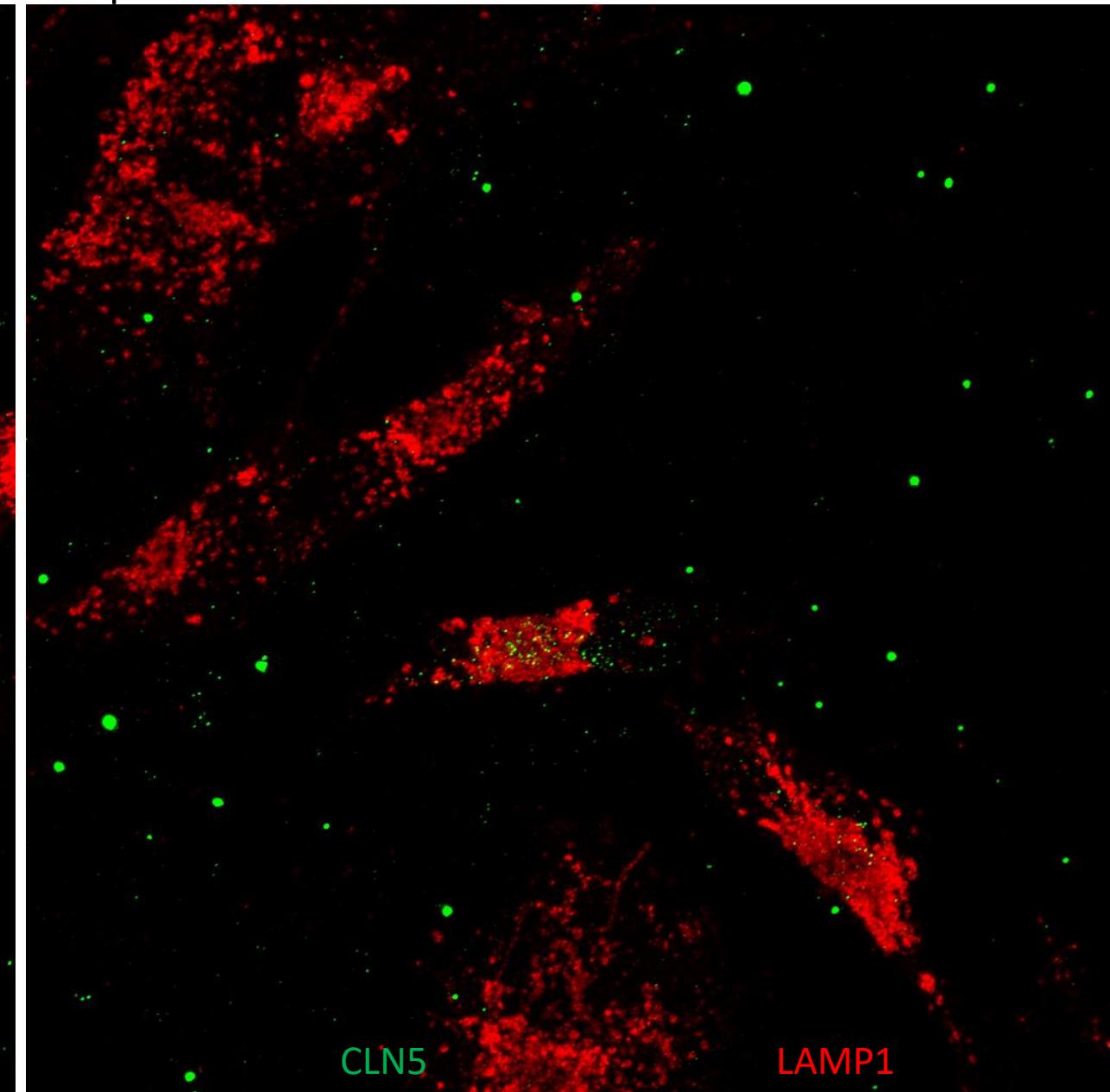
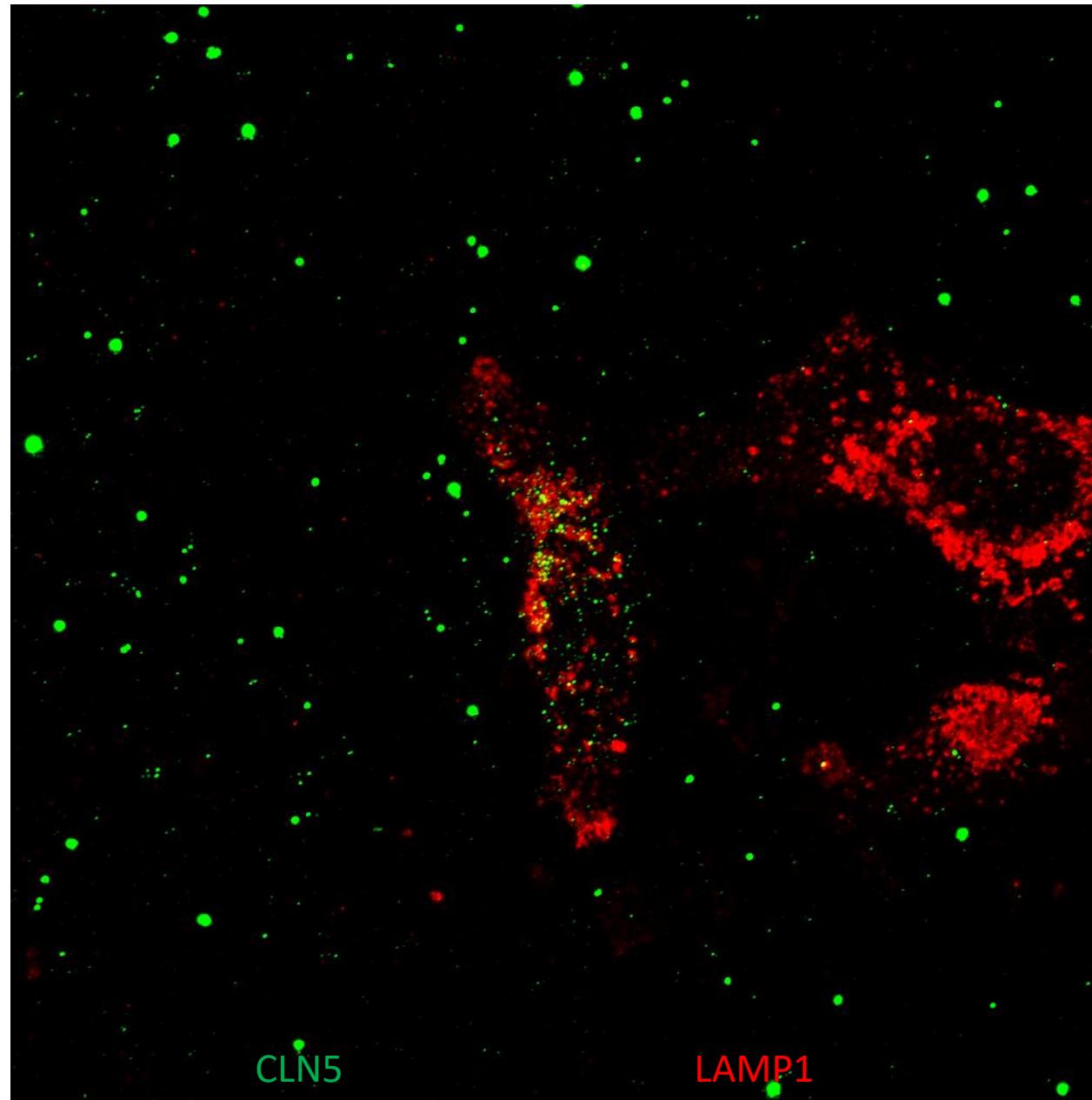
N320S CLN5 expression



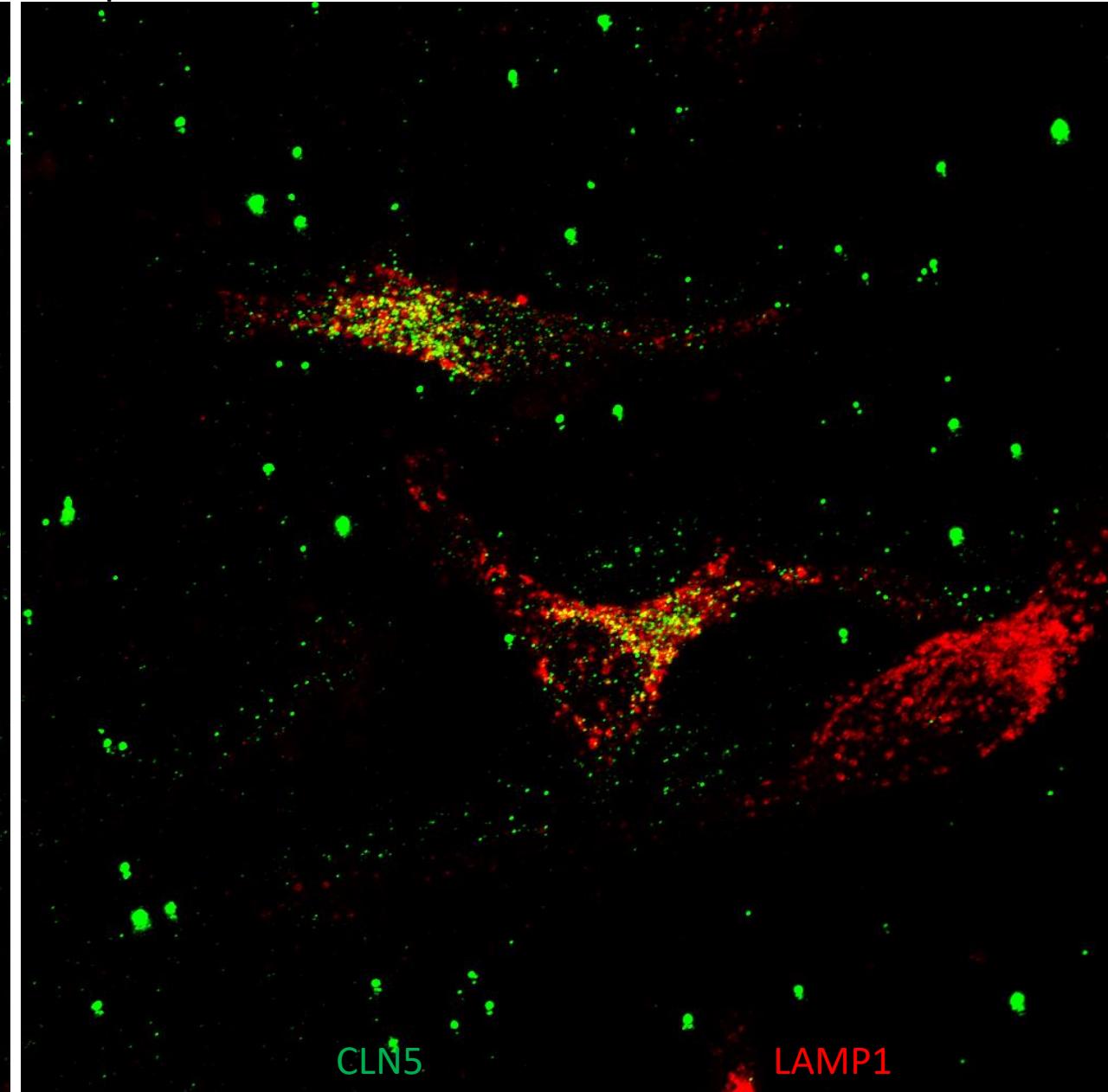
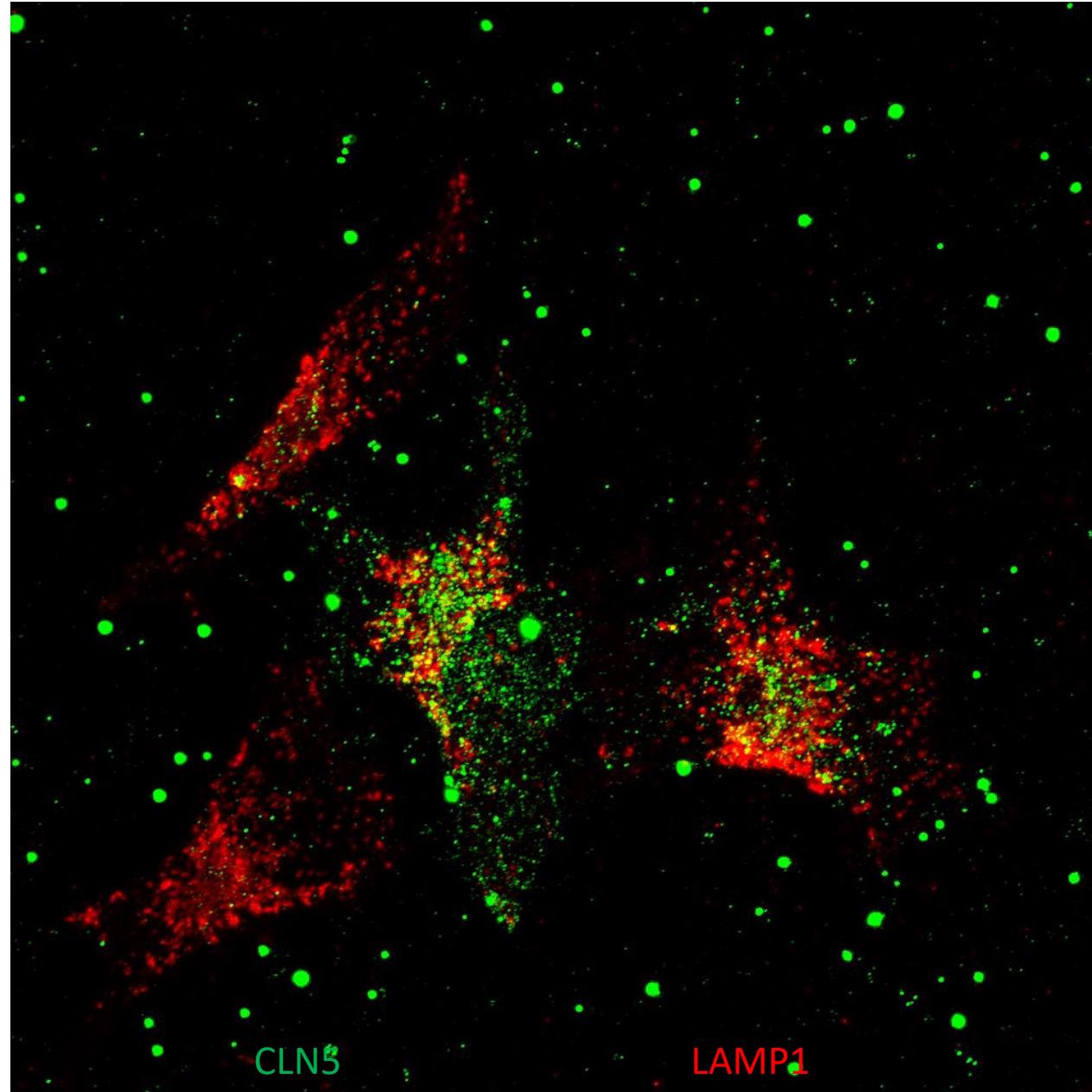
# N320S CLN5 expression



# N320S CLN5 expression

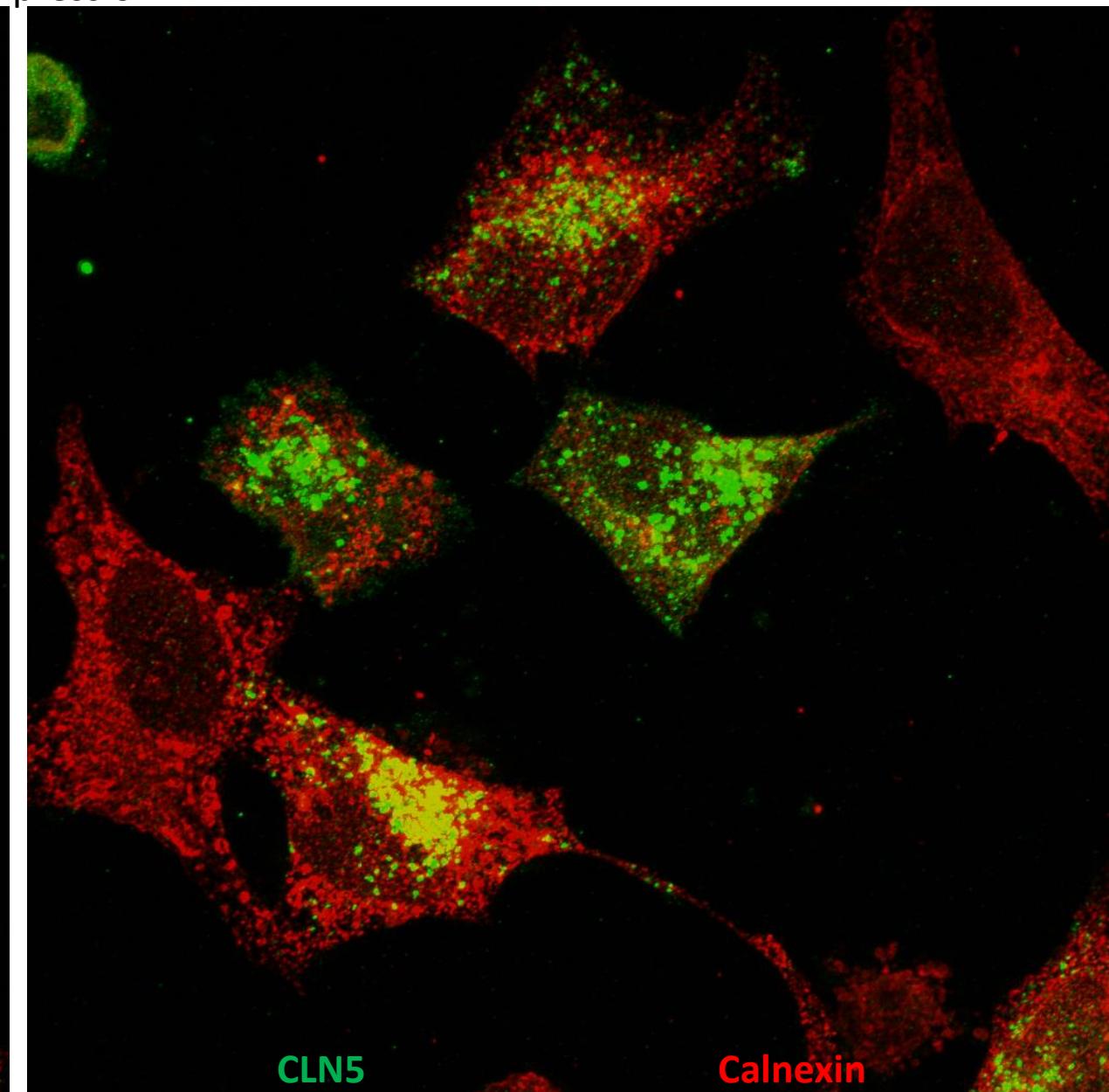
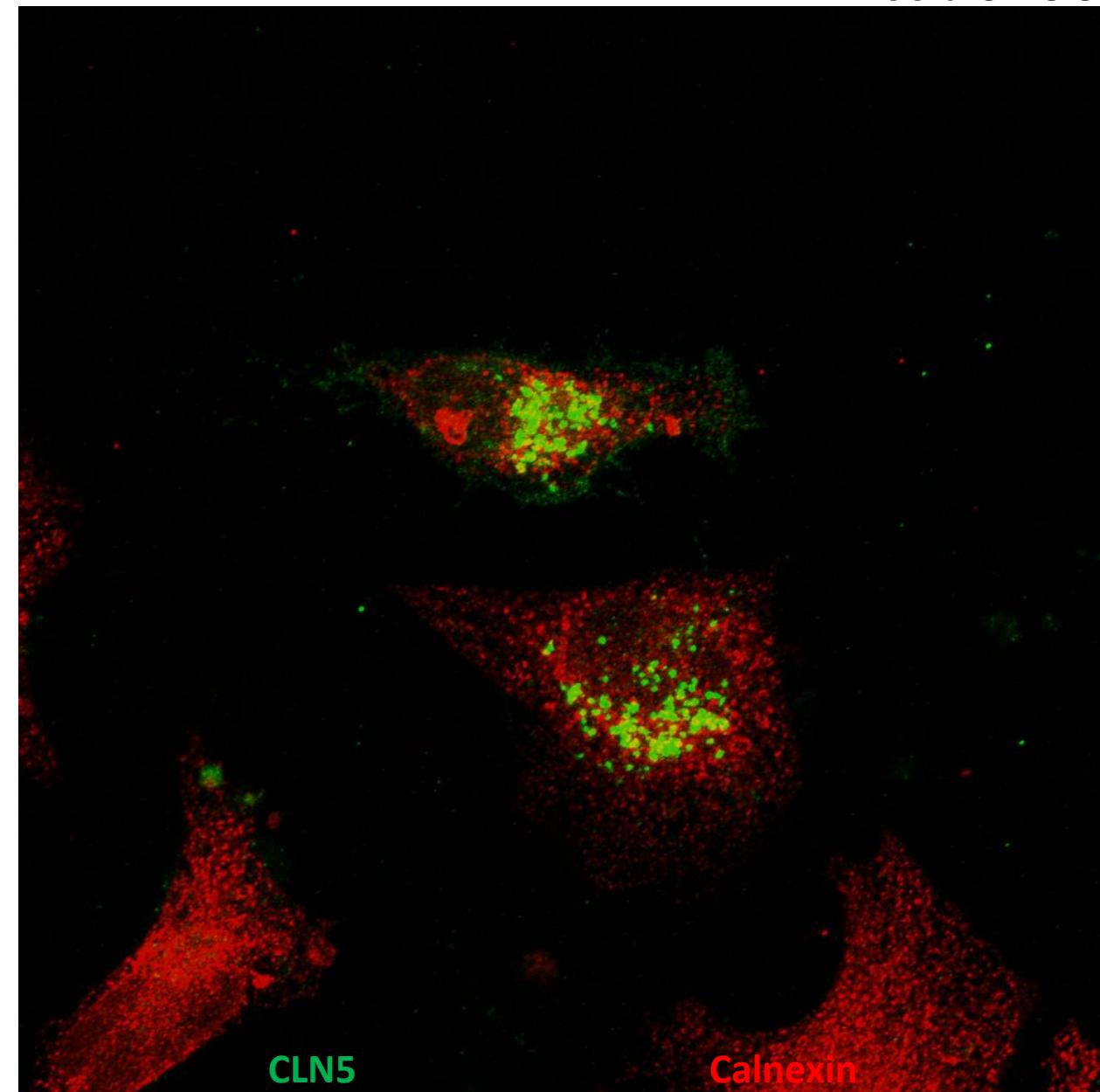


N320S CLN5 expression

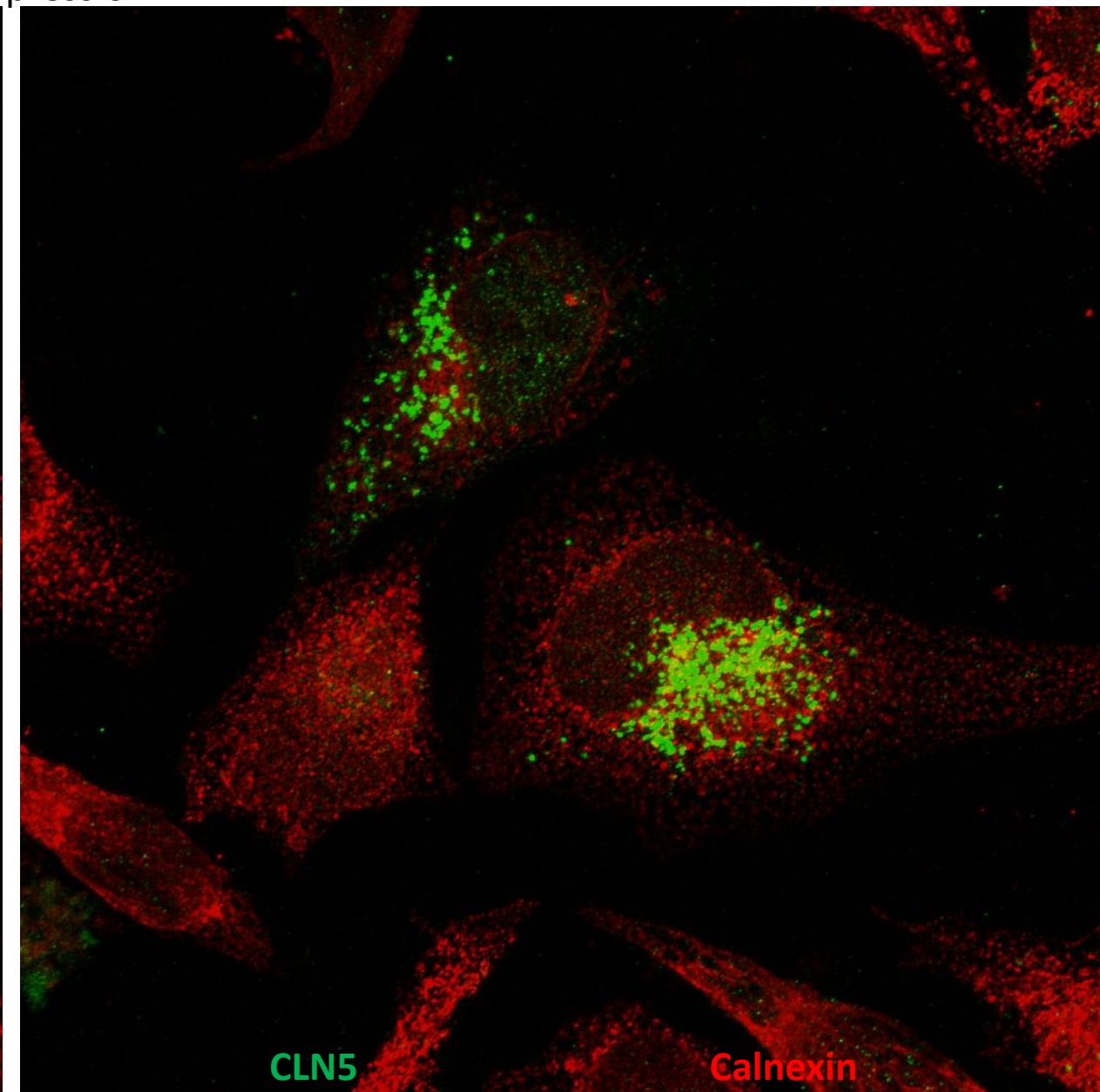
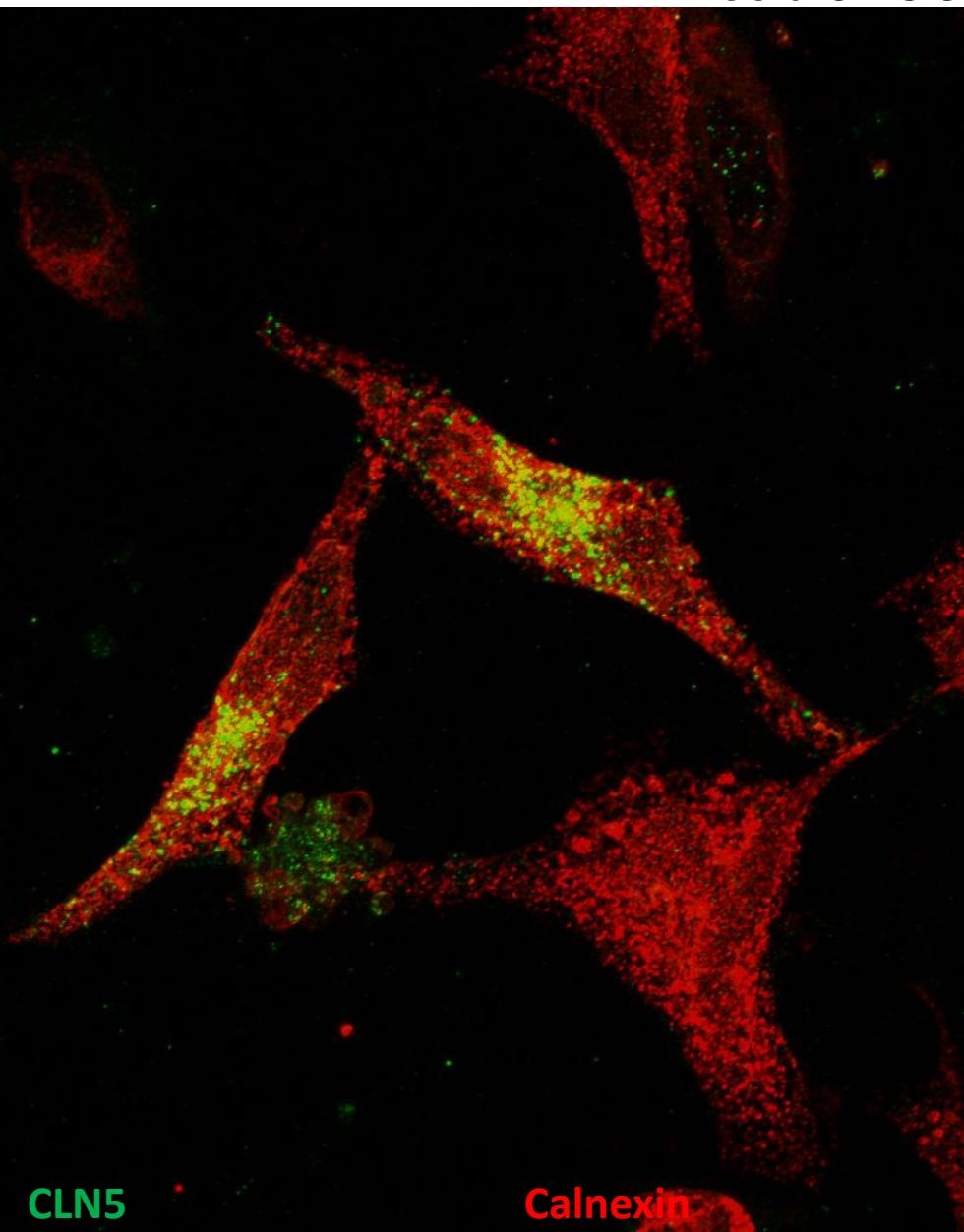


WT CLN5 expression  
and co-localization with  
ER marker Calnexin

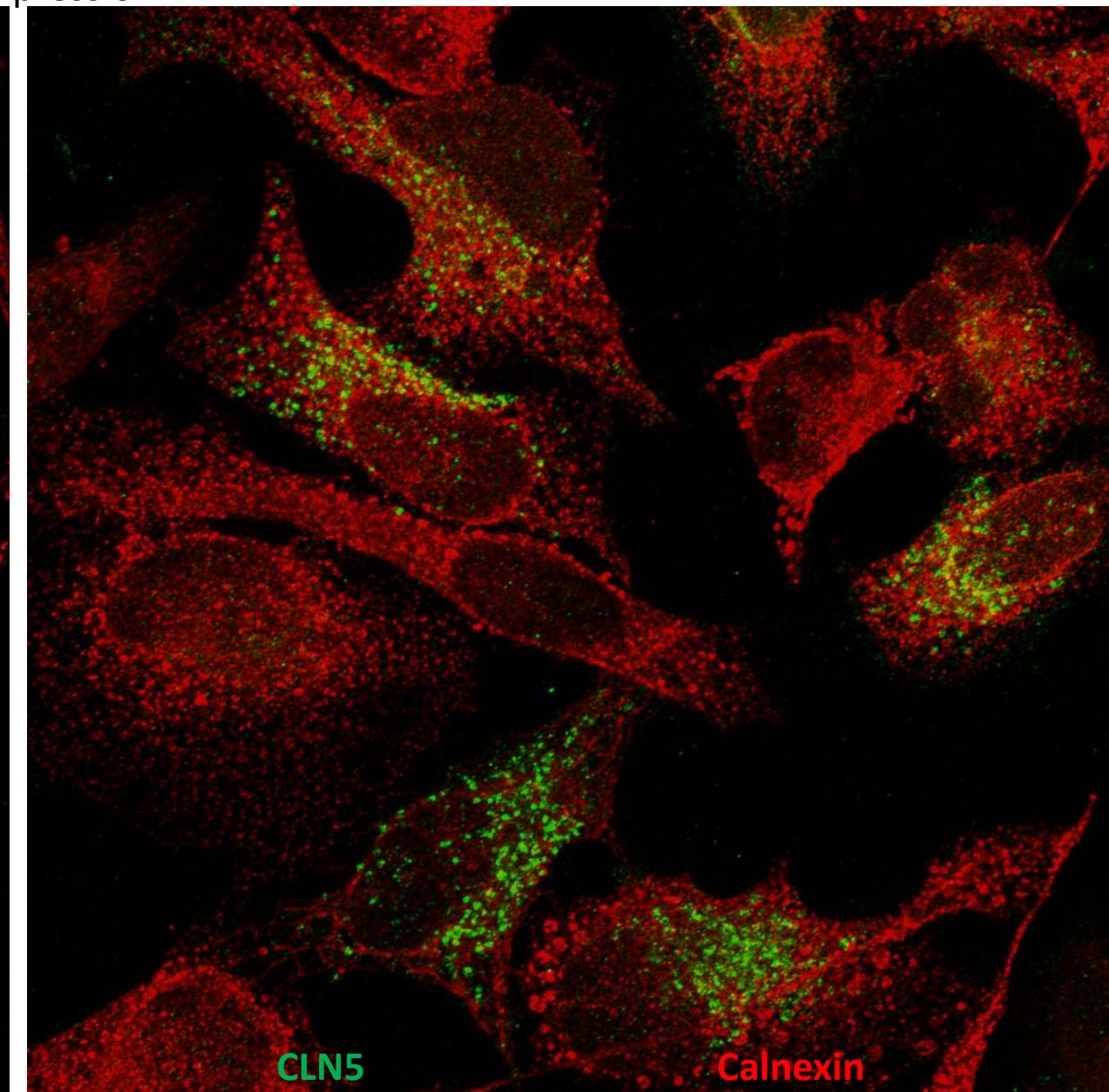
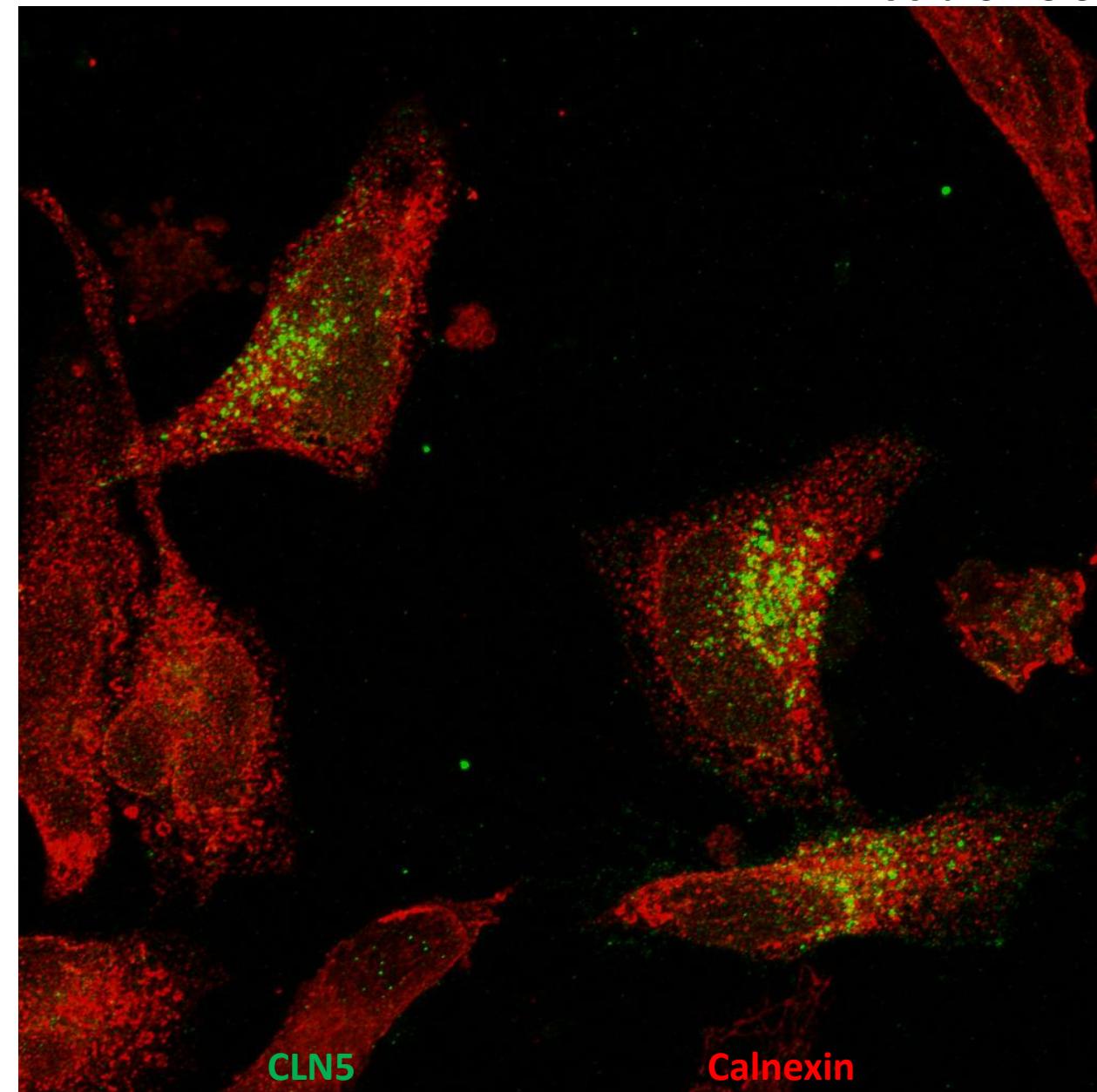
WT CLN5 expression



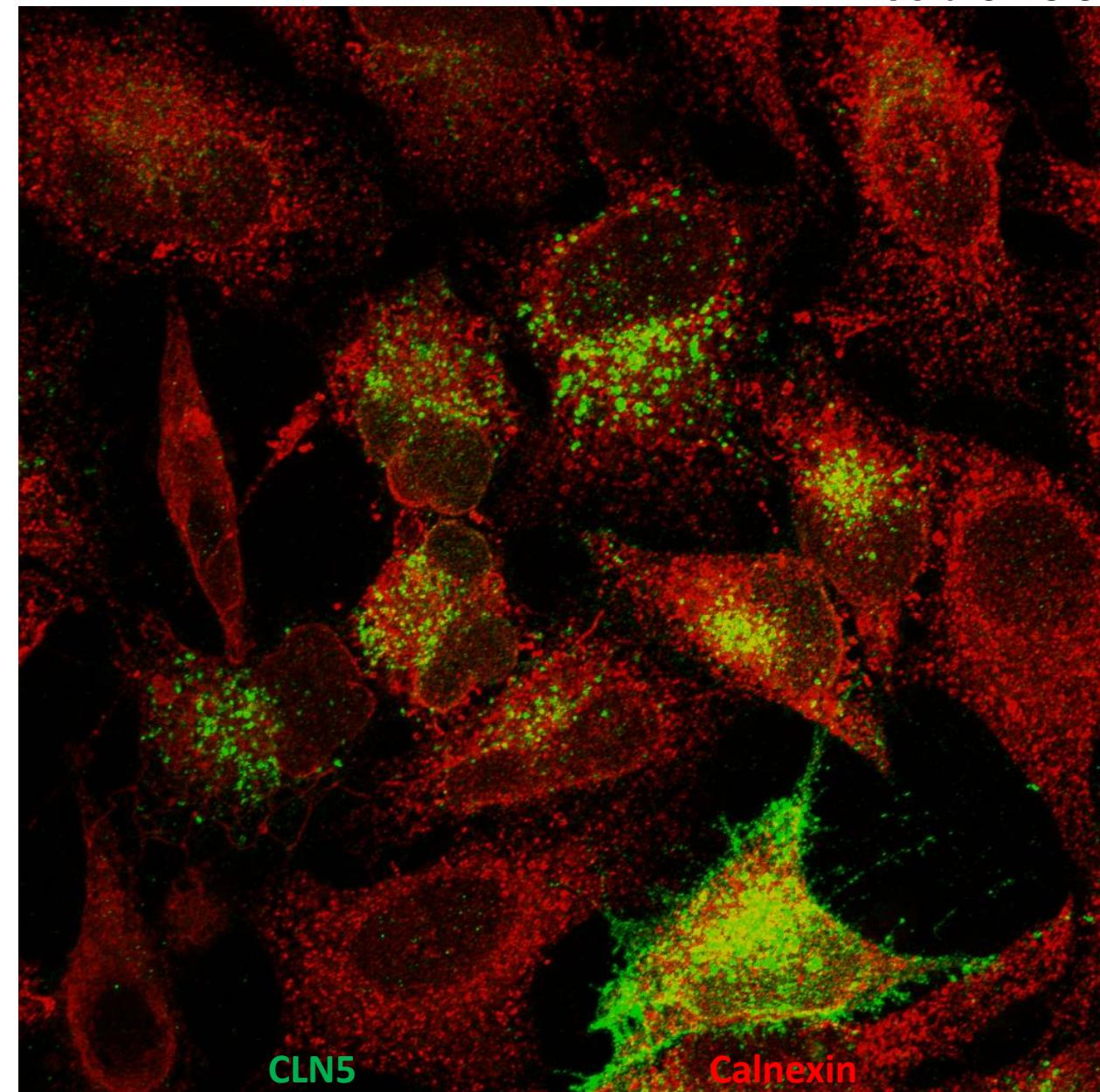
WT CLN5 expression



WT CLN5 expression

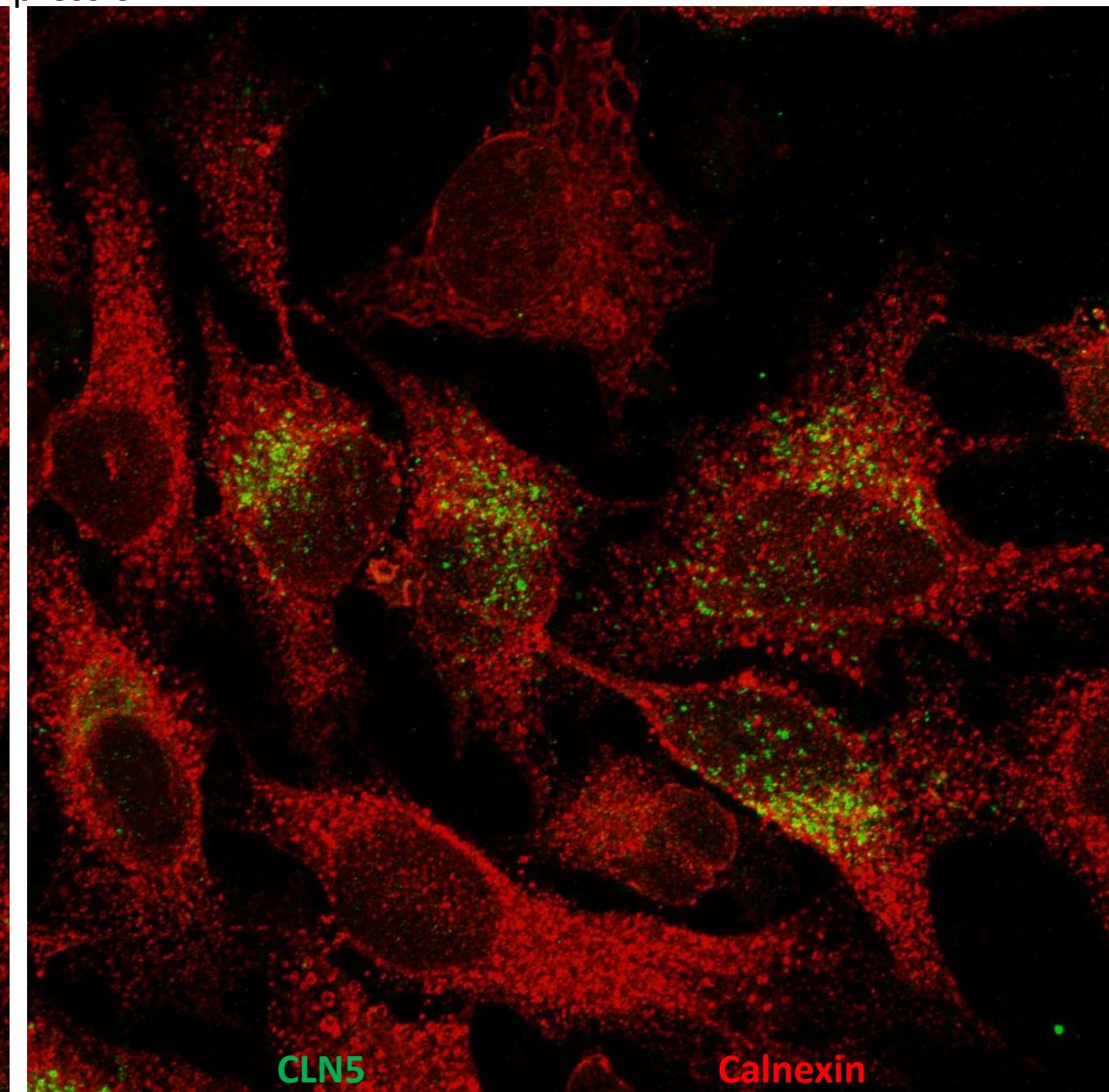


WT CLN5 expression



CLN5

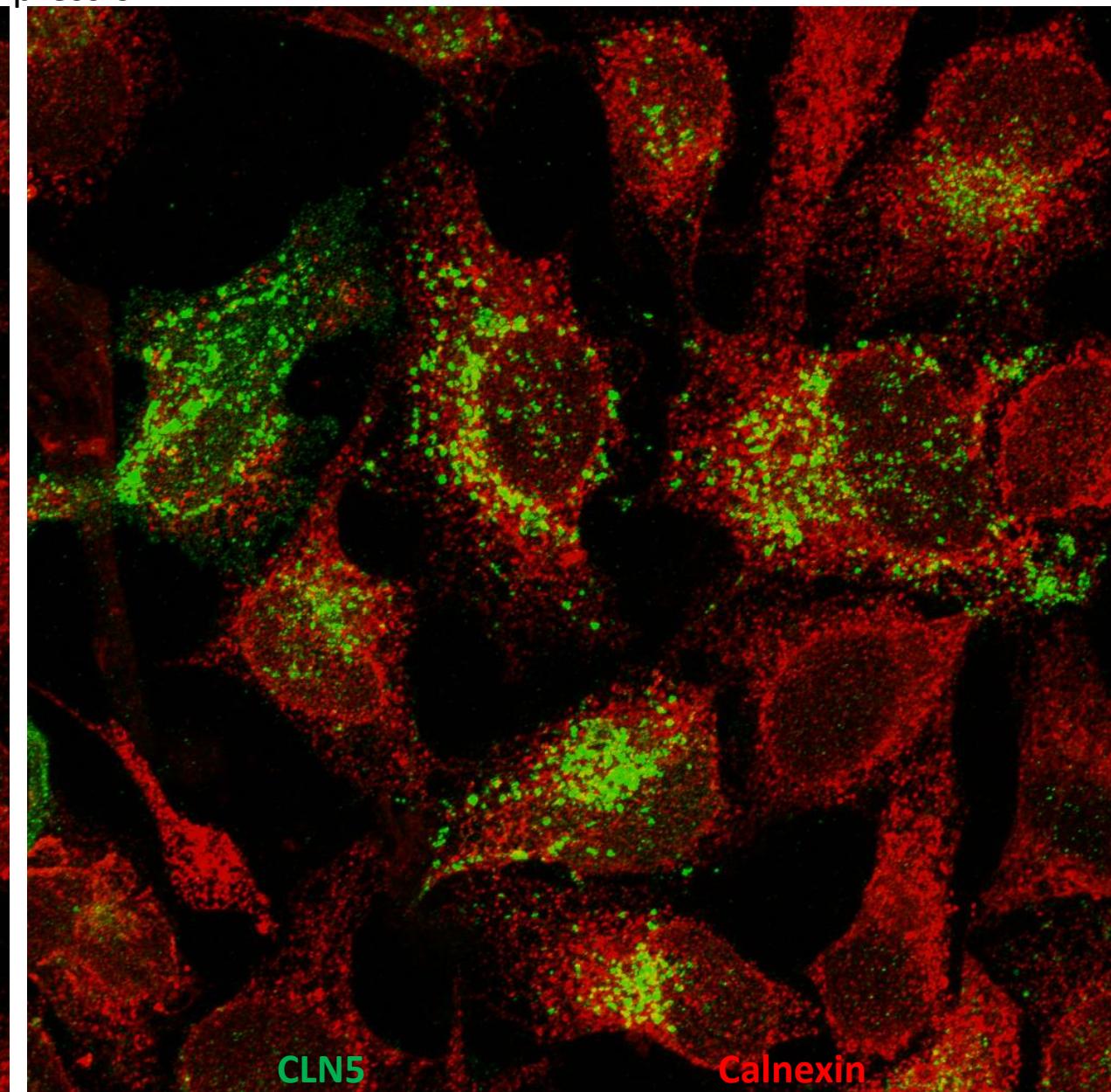
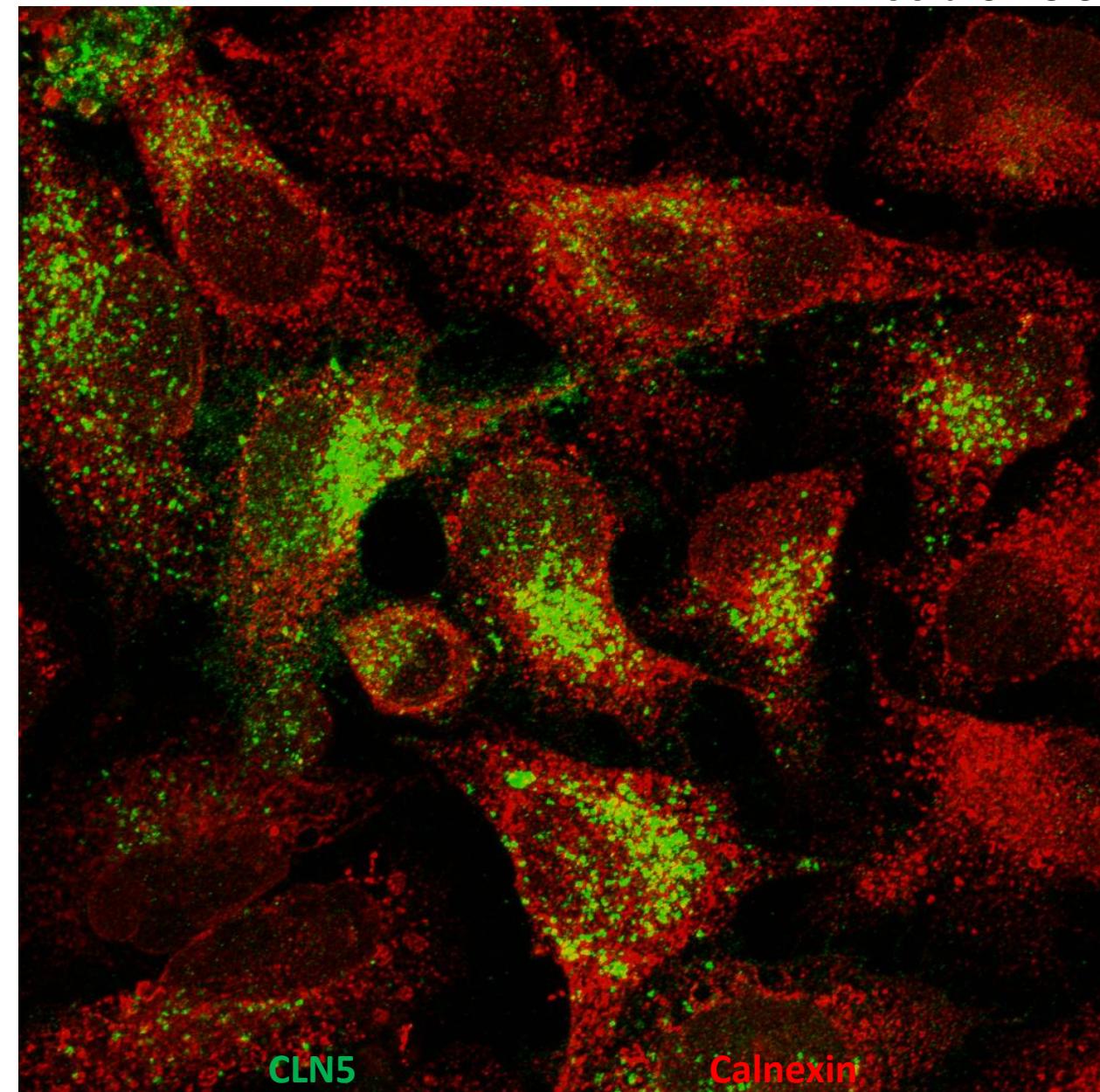
Calnexin



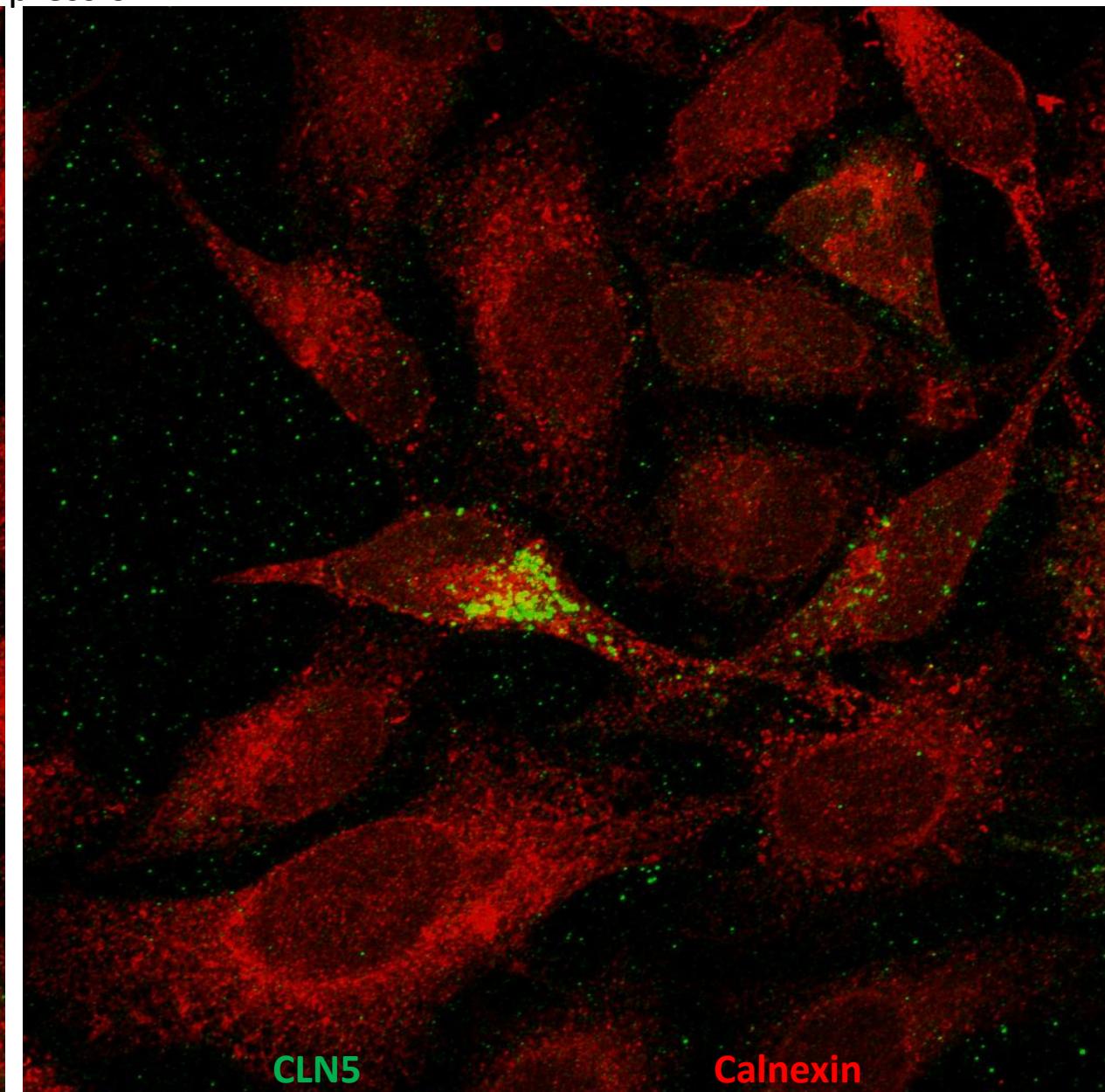
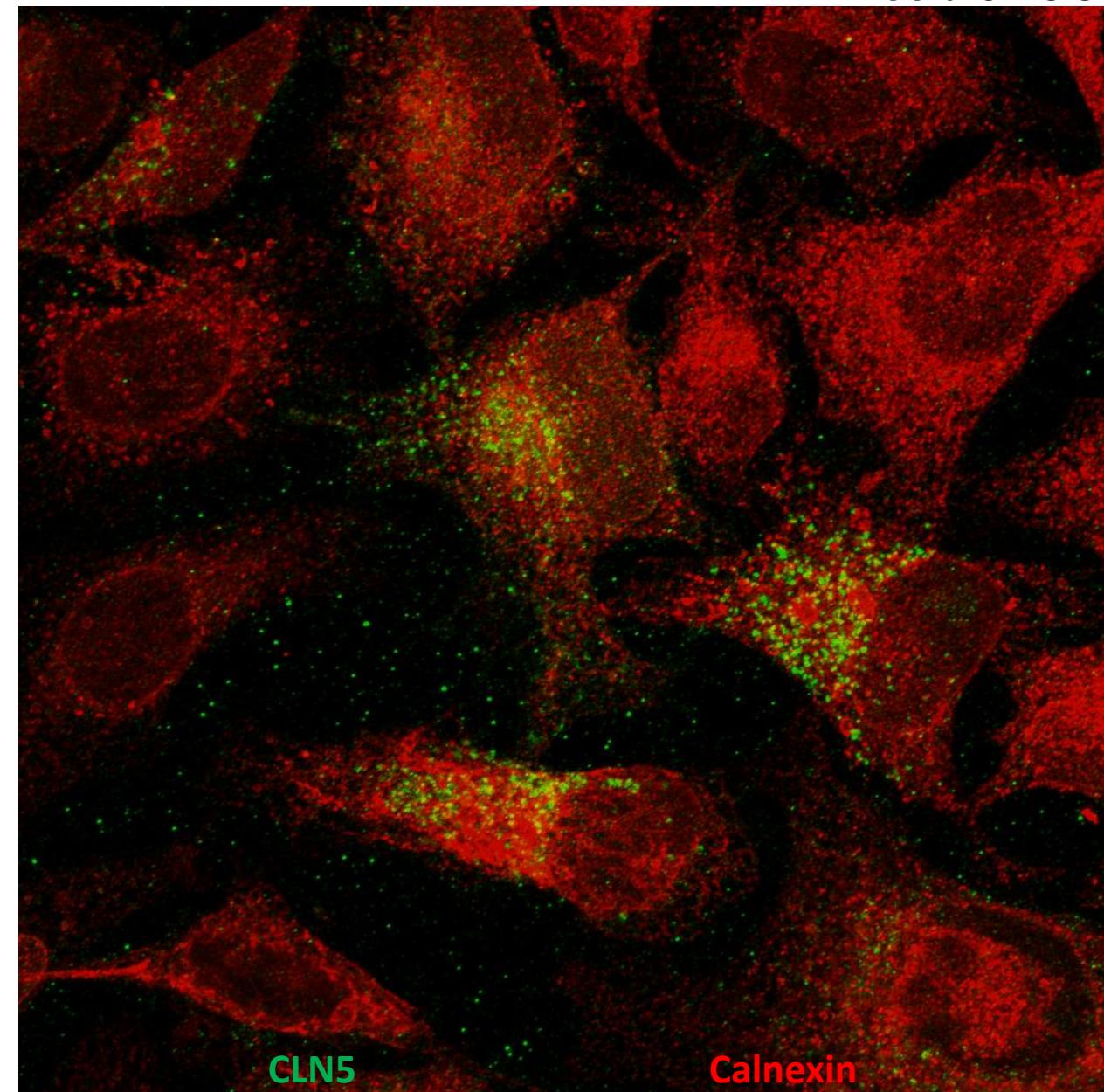
CLN5

Calnexin

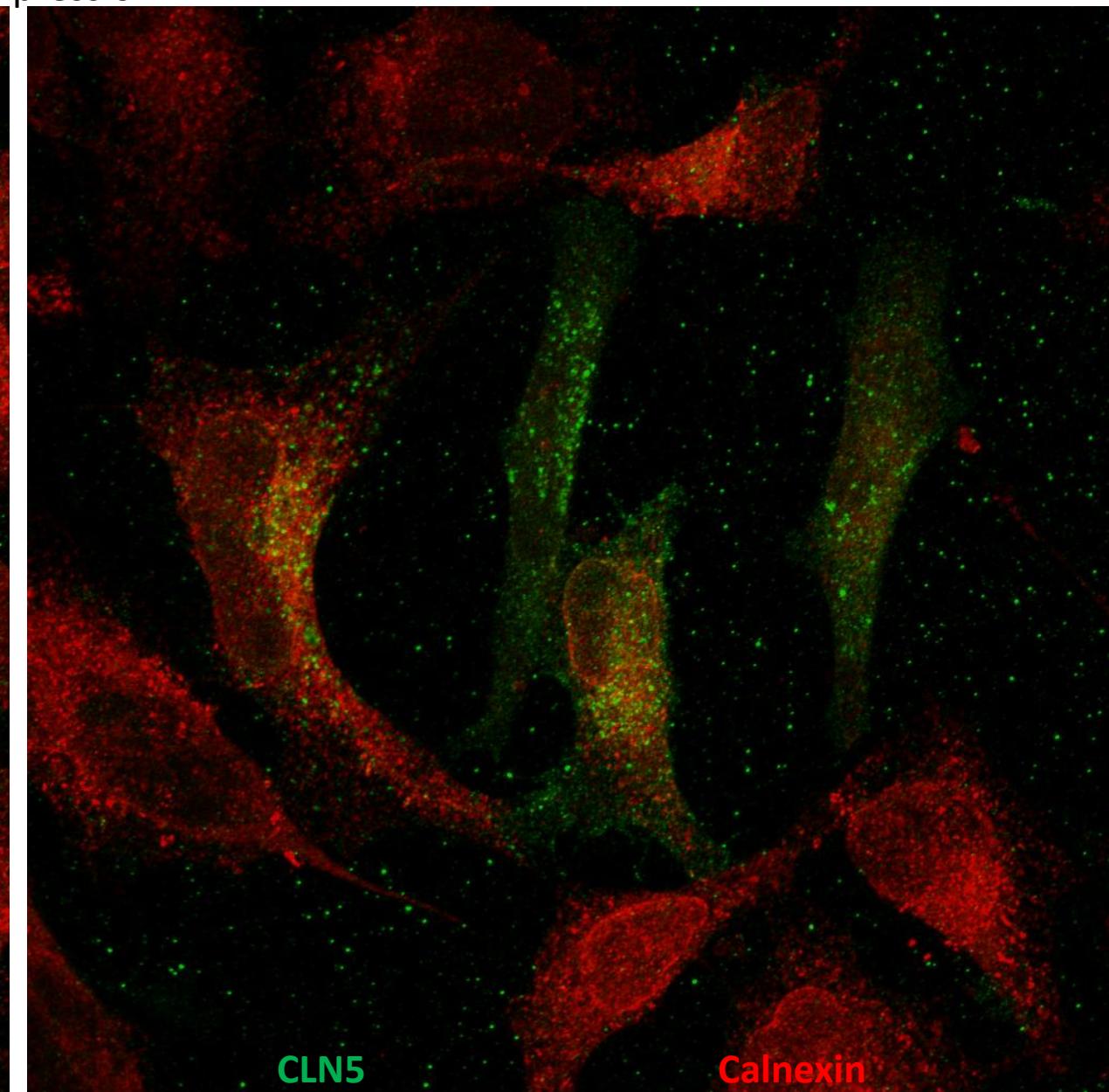
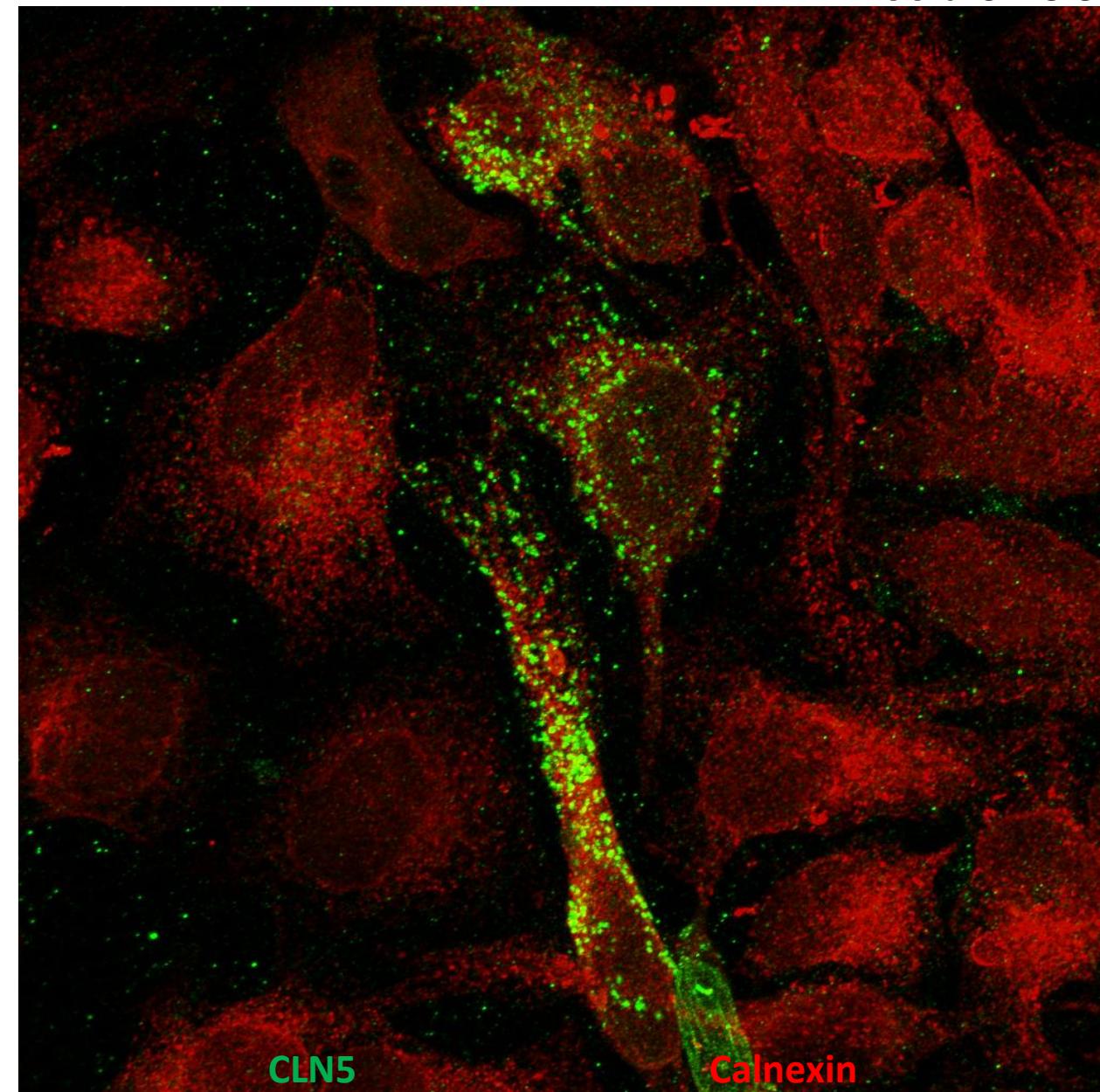
WT CLN5 expression



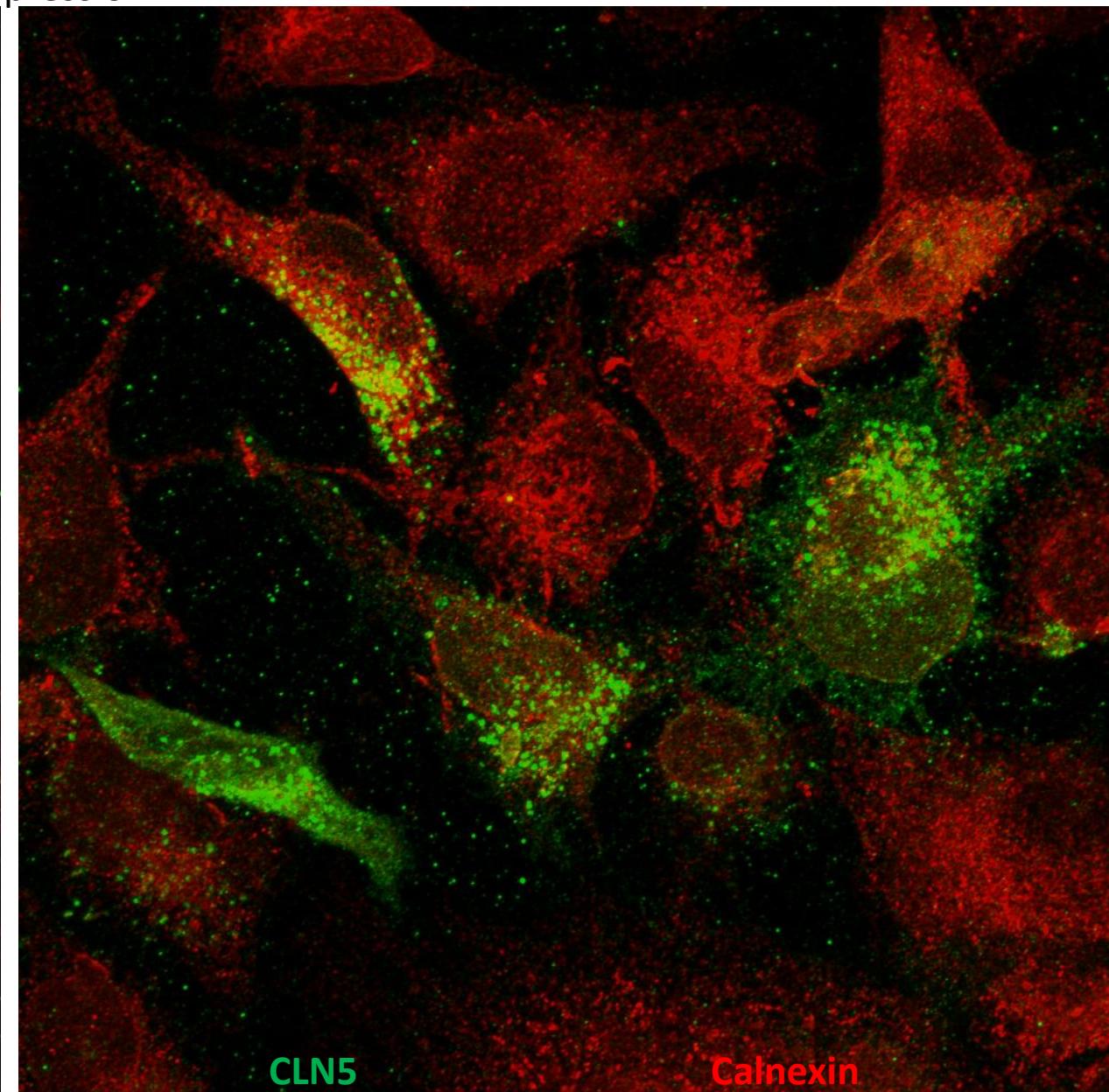
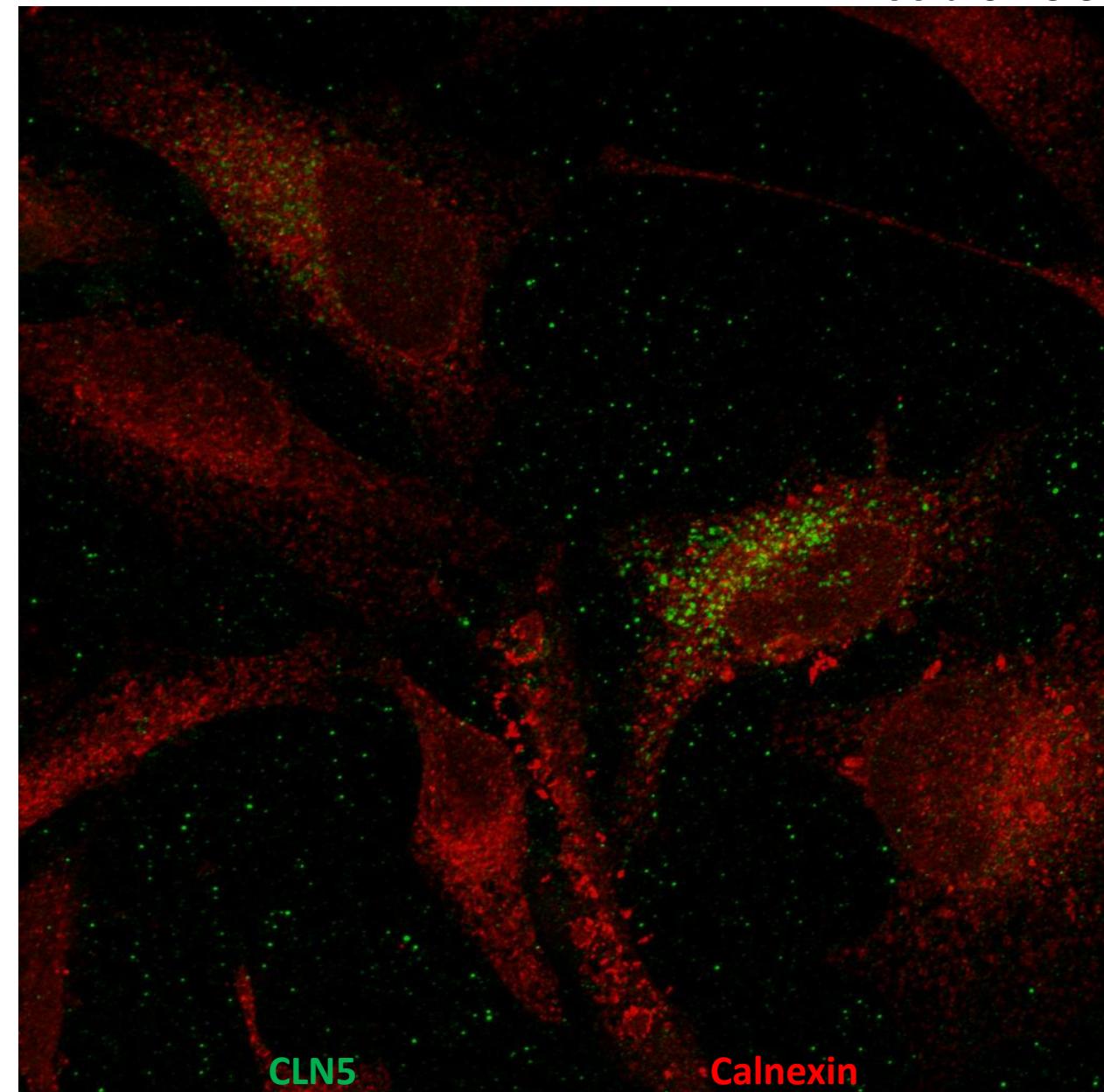
WT CLN5 expression



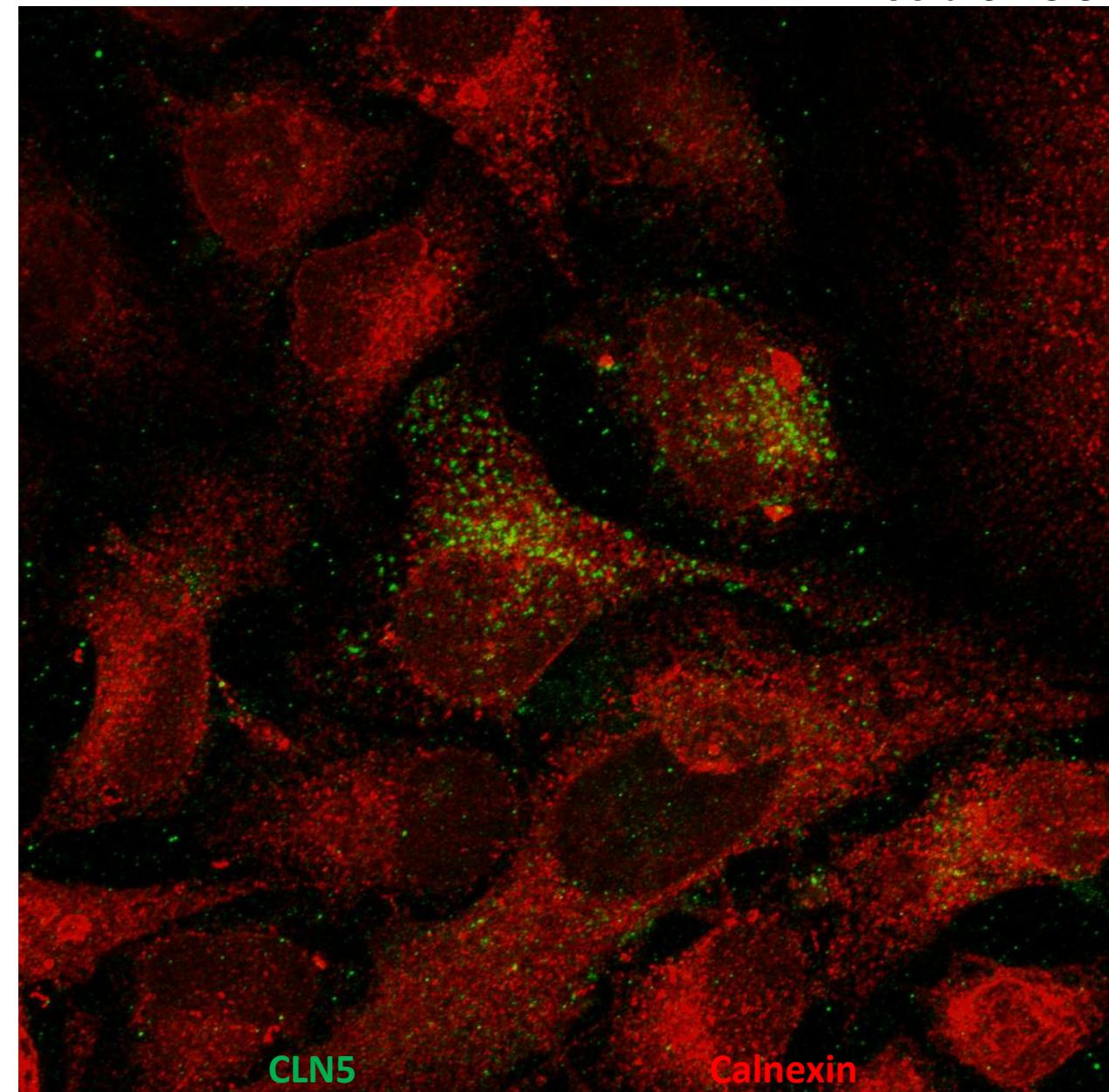
WT CLN5 expression



WT CLN5 expression

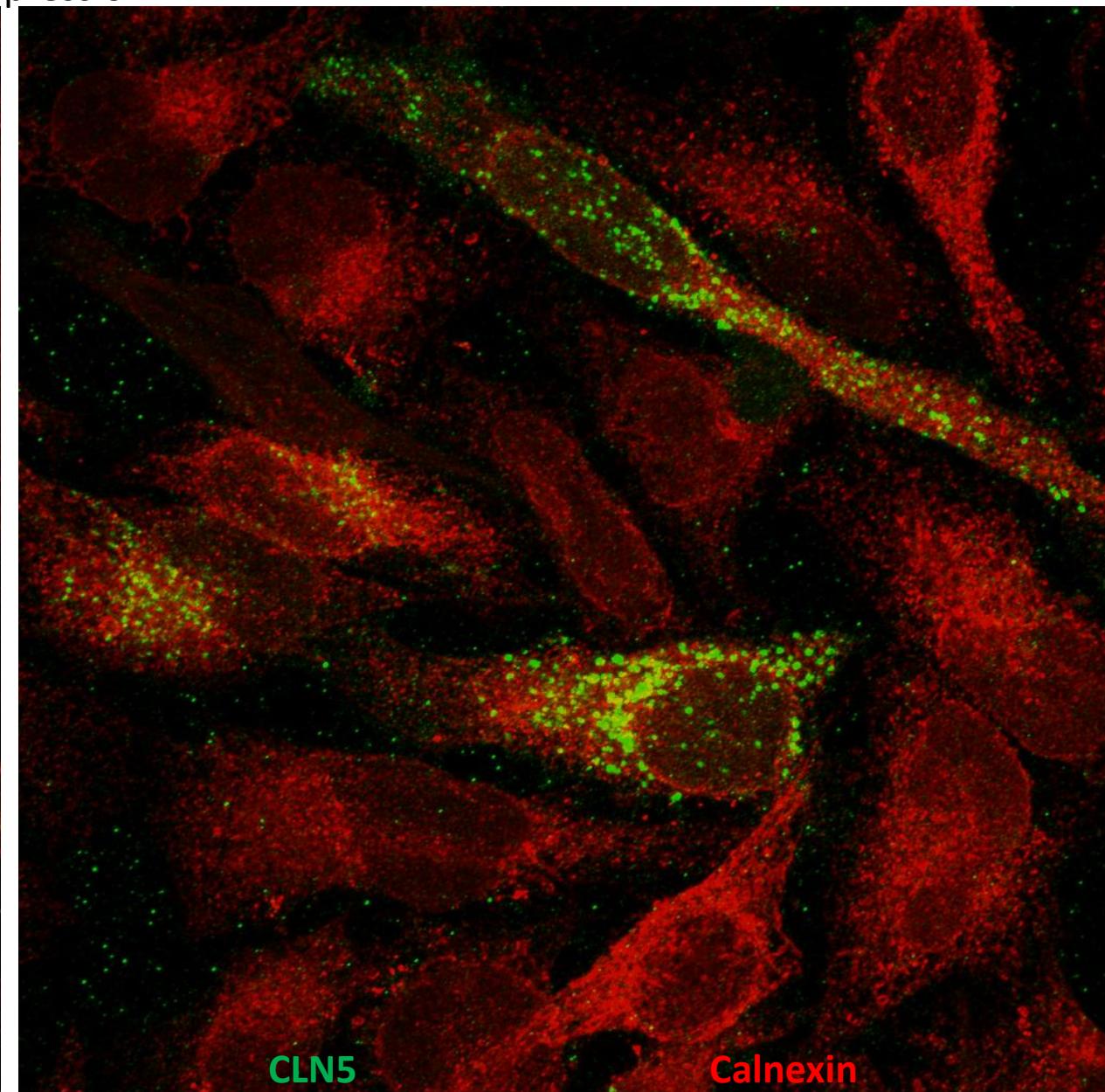


WT CLN5 expression



CLN5

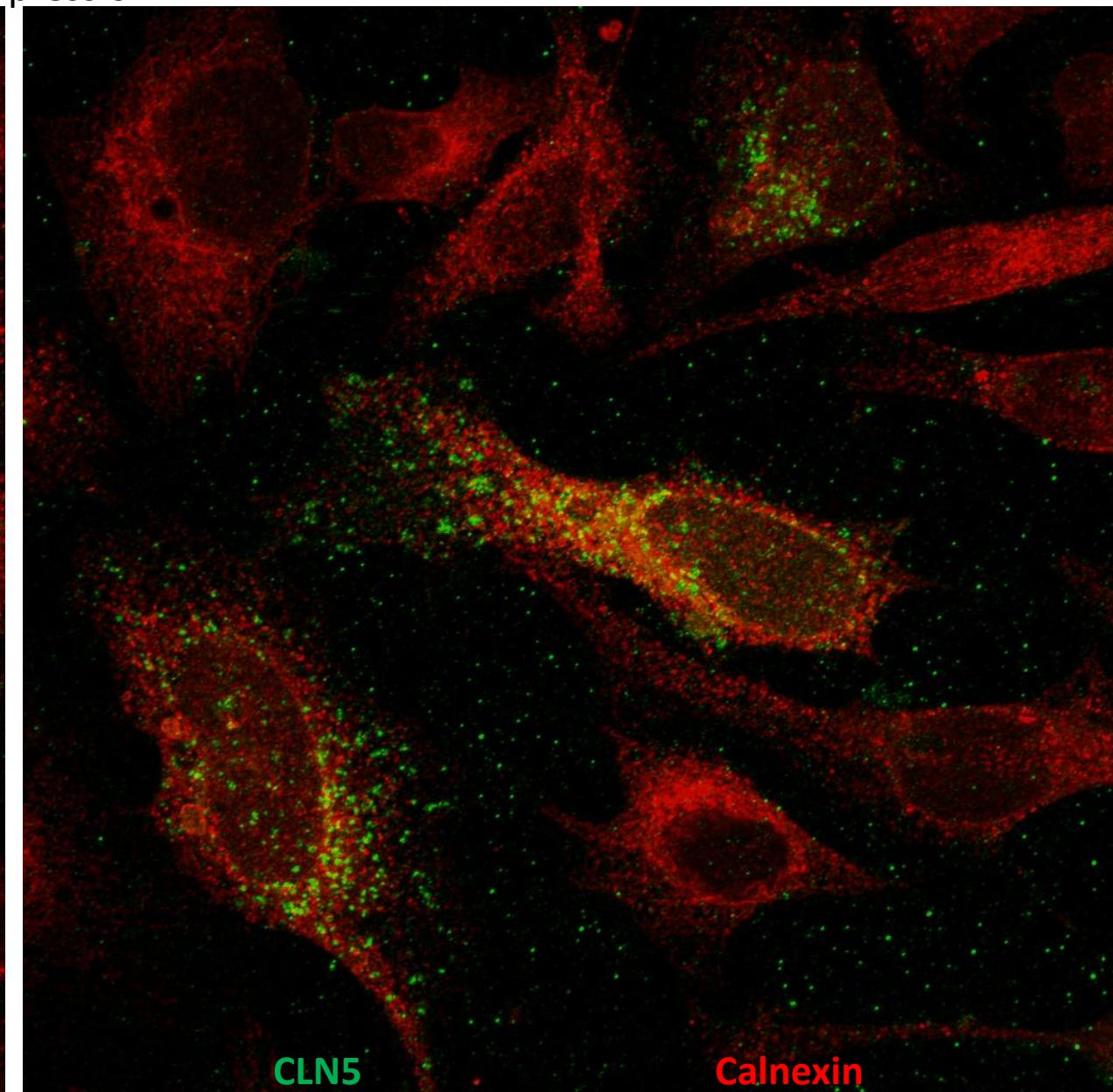
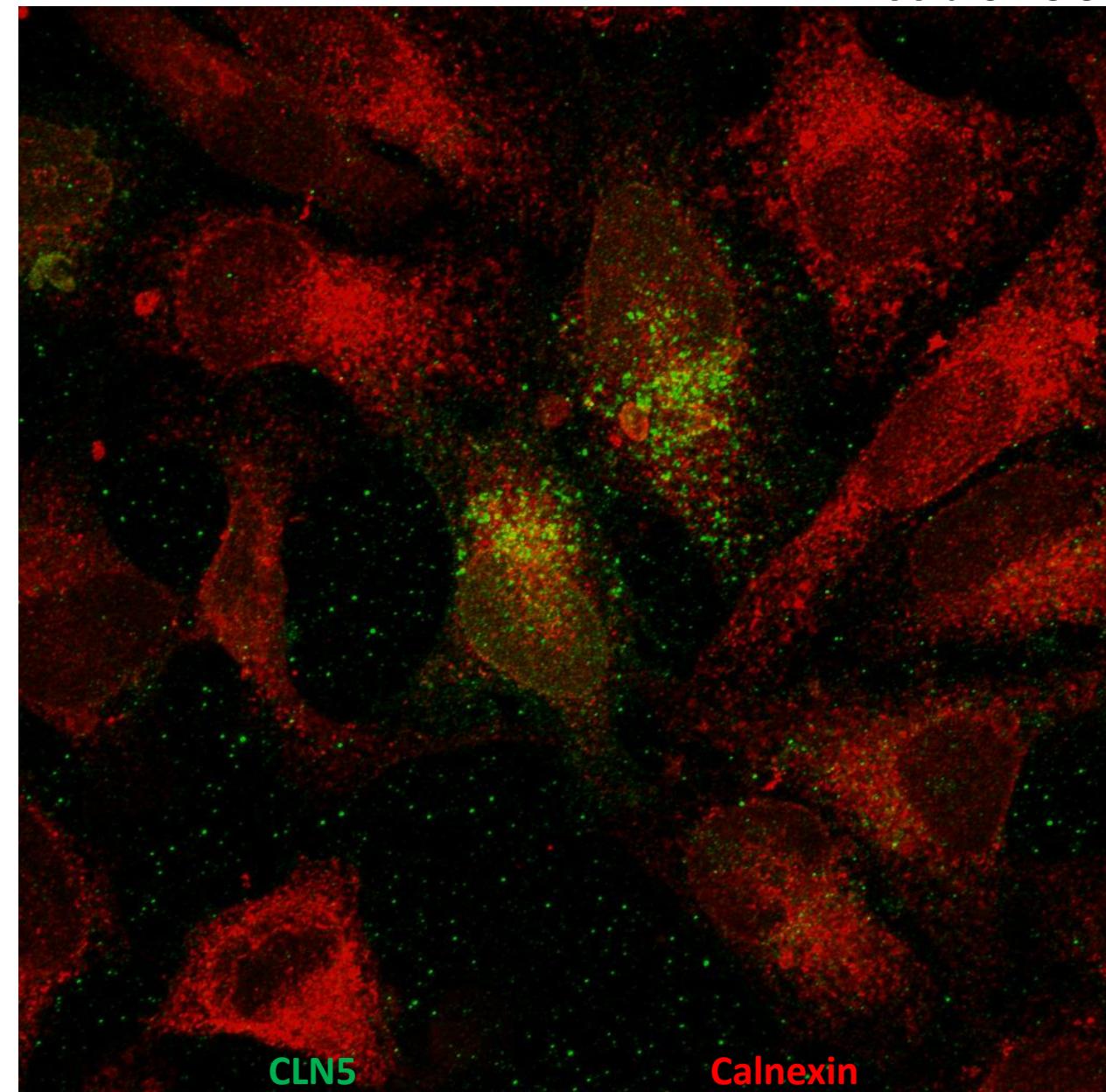
Calnexin



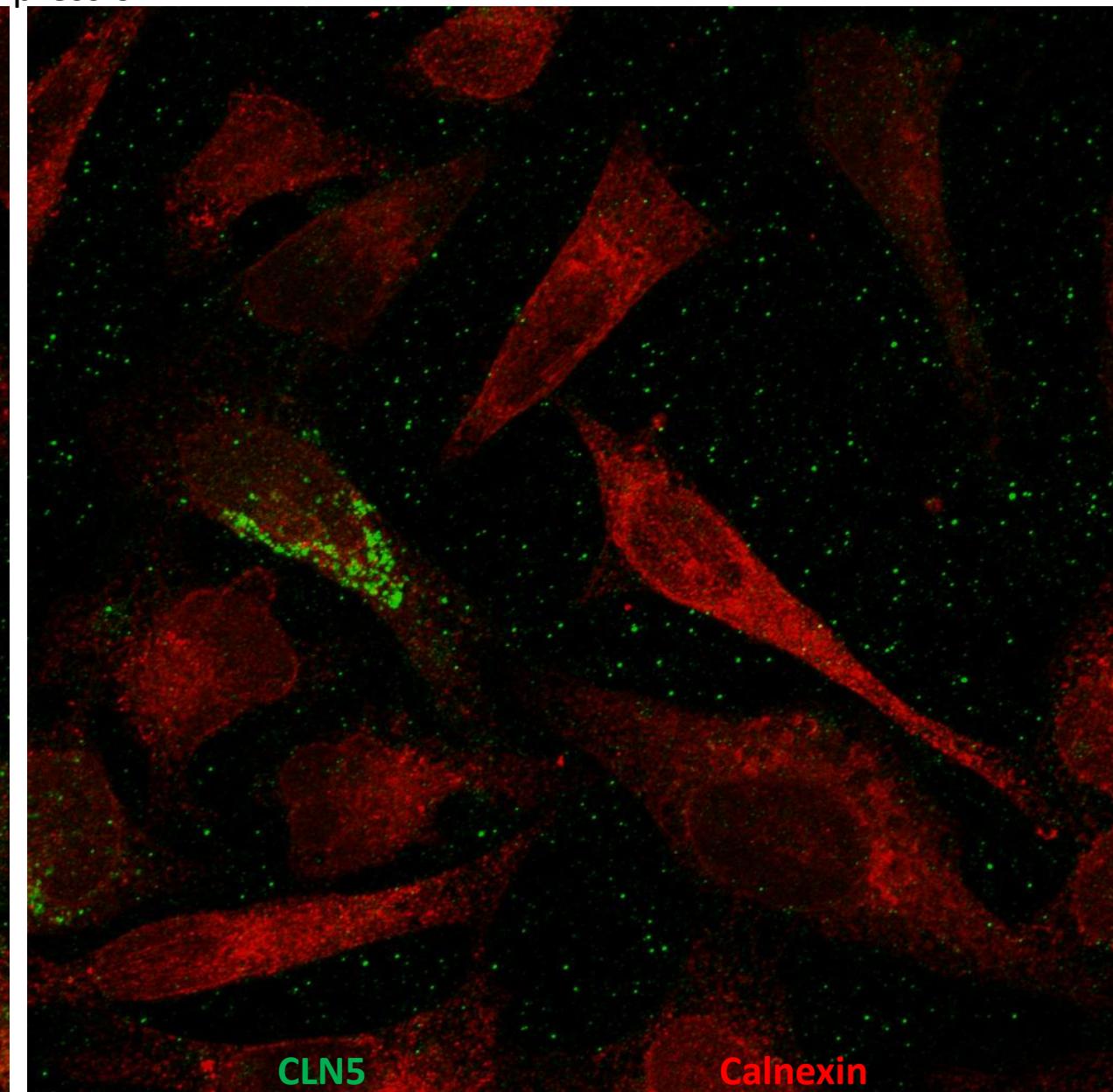
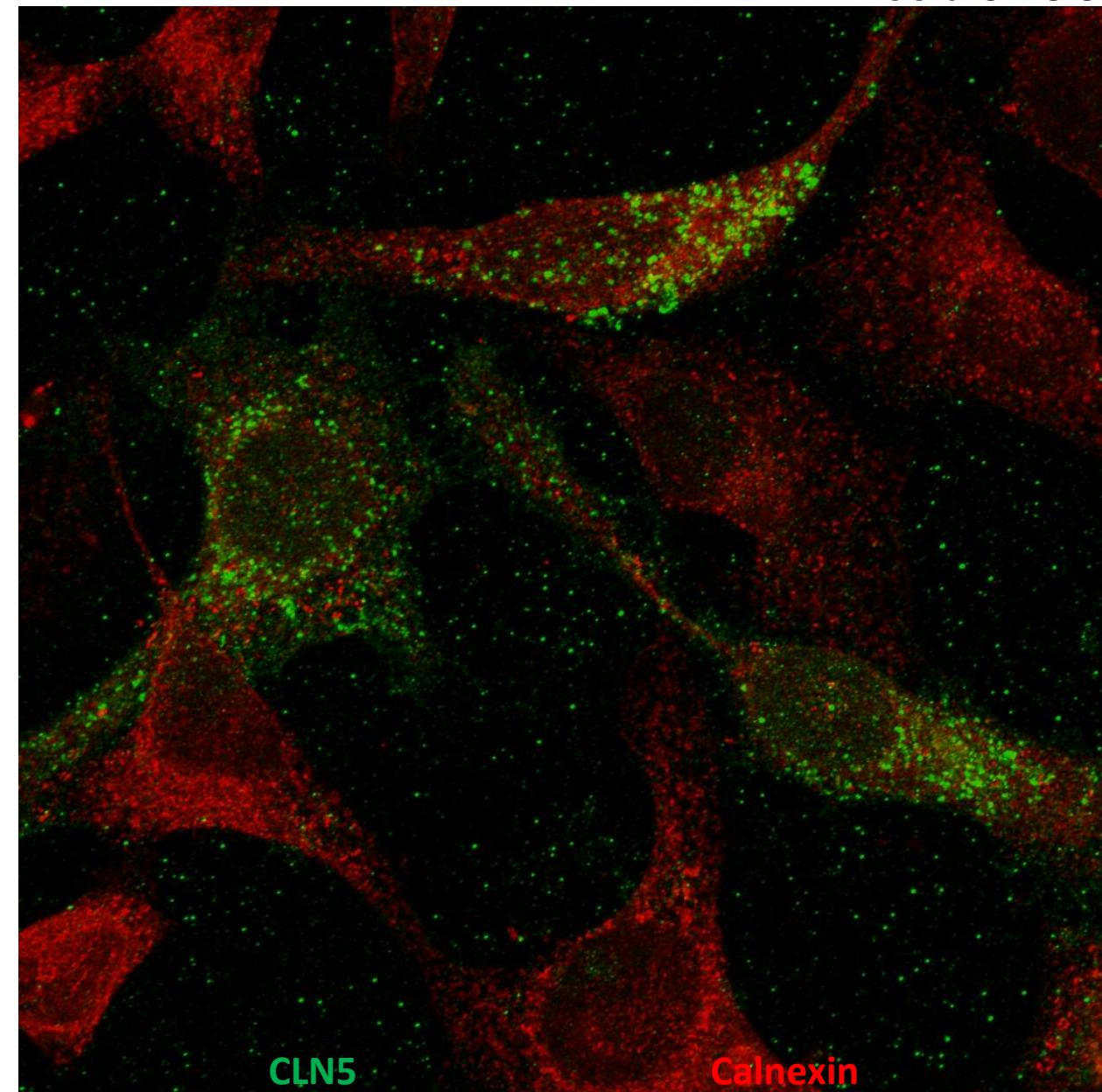
CLN5

Calnexin

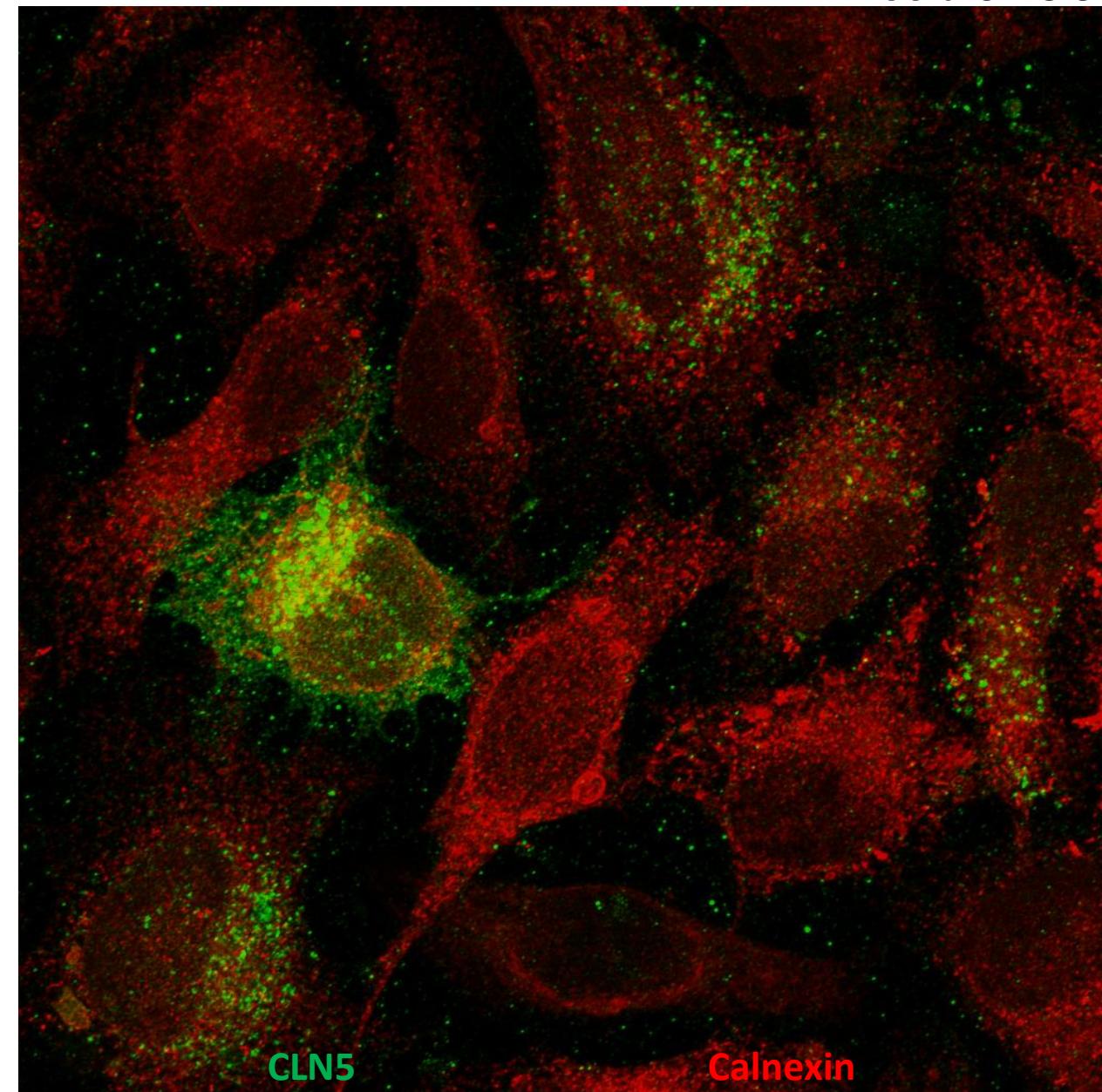
WT CLN5 expression



WT CLN5 expression

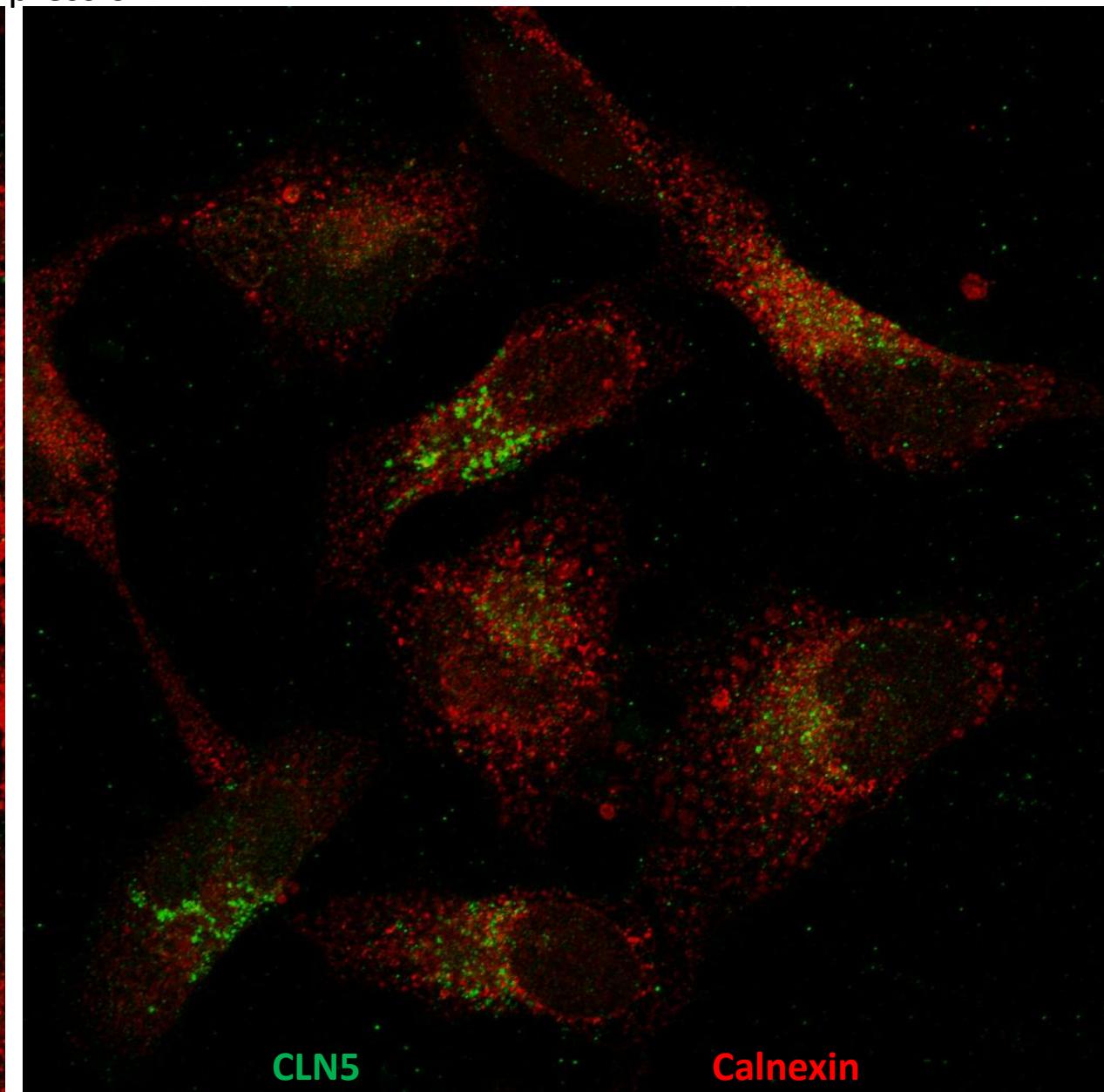


WT CLN5 expression



CLN5

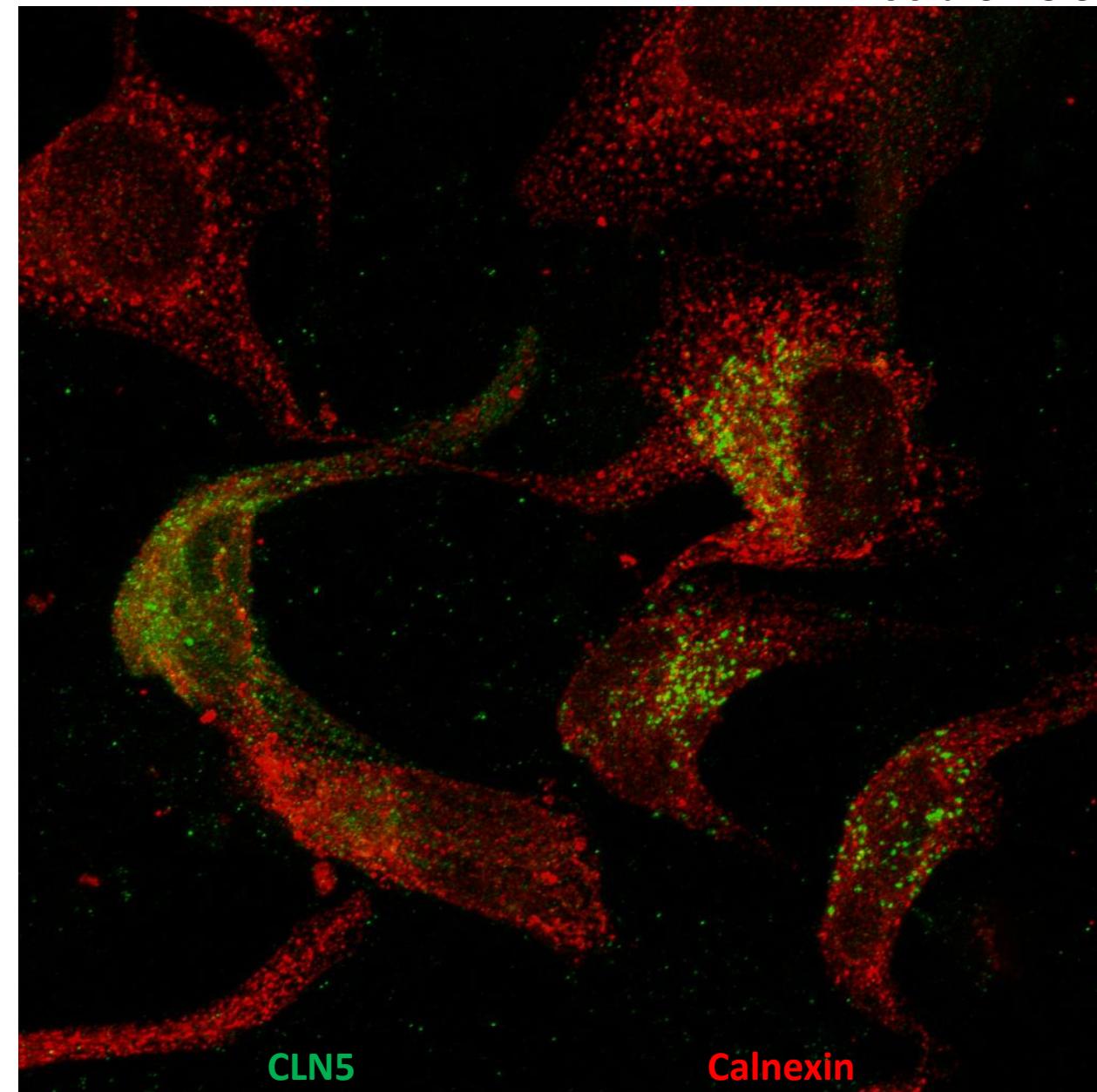
Calnexin



CLN5

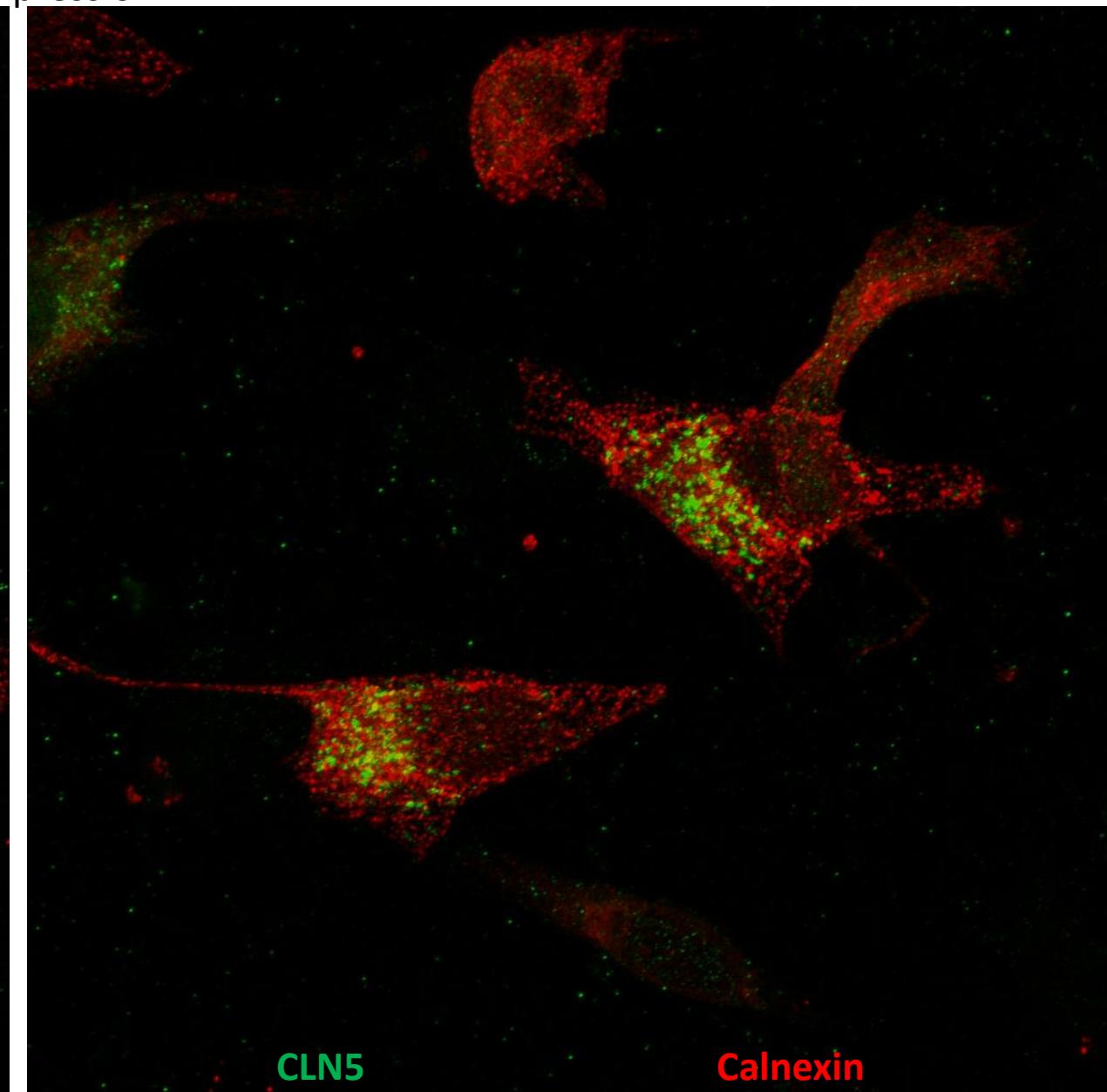
Calnexin

WT CLN5 expression



CLN5

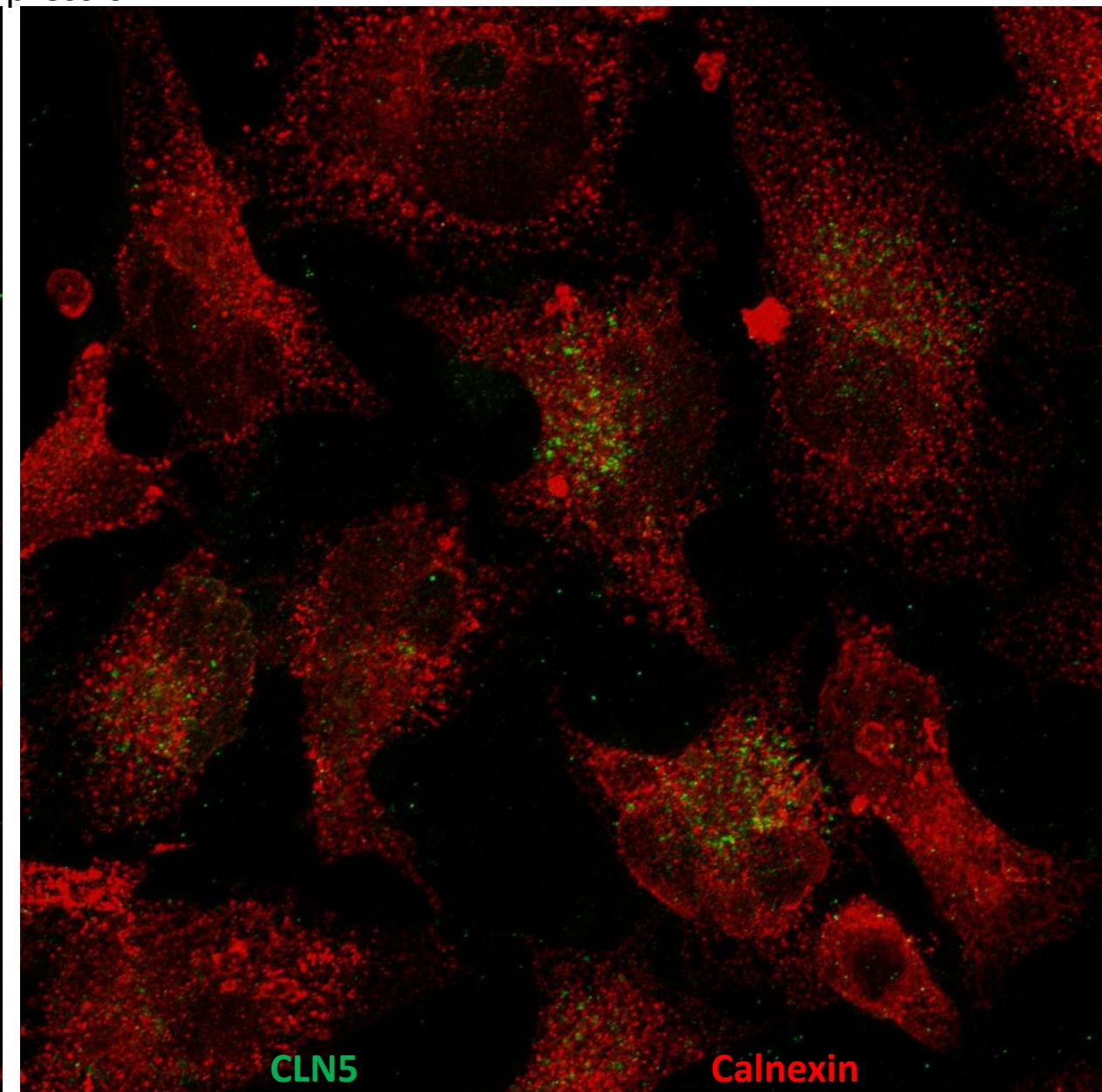
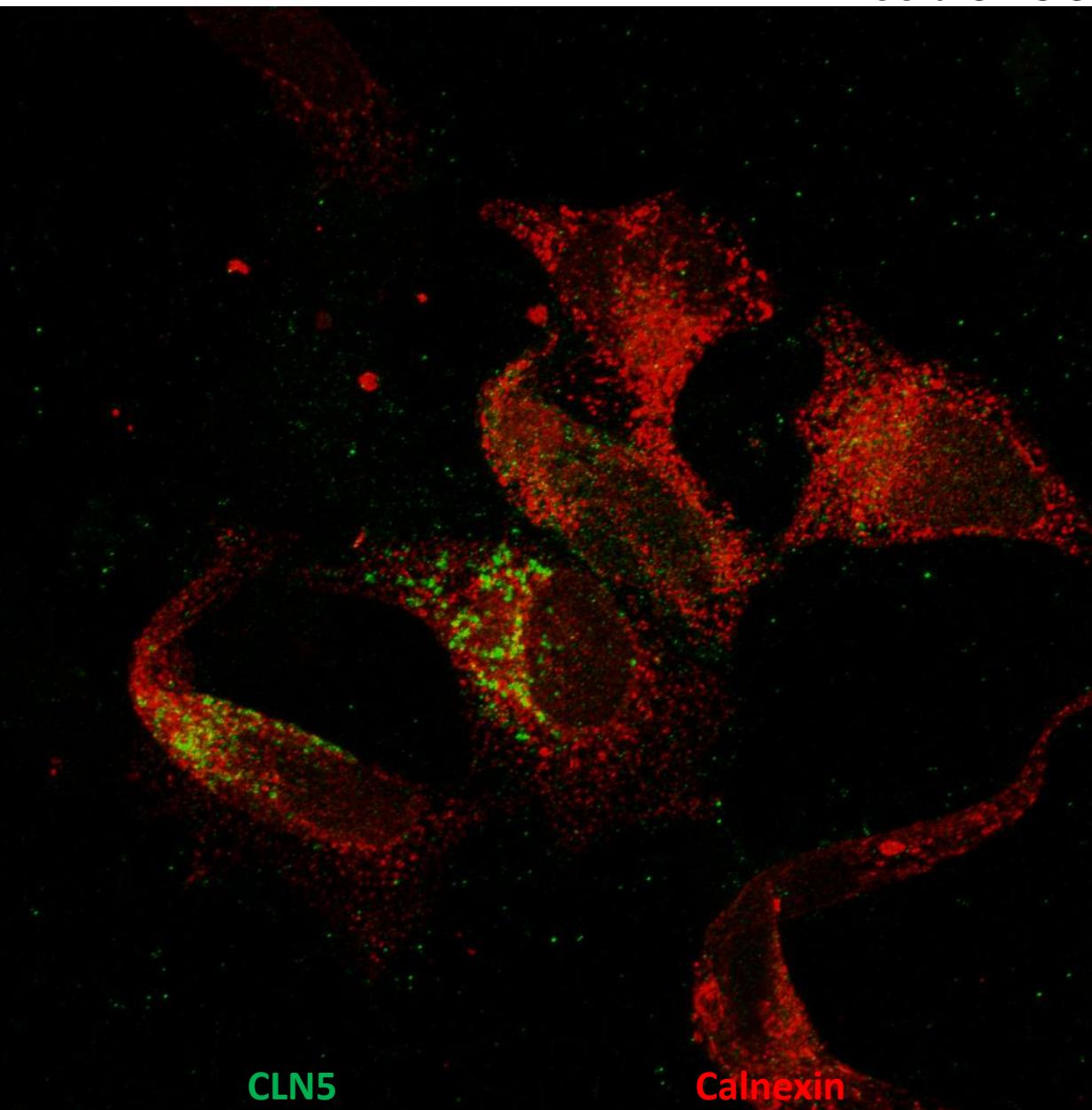
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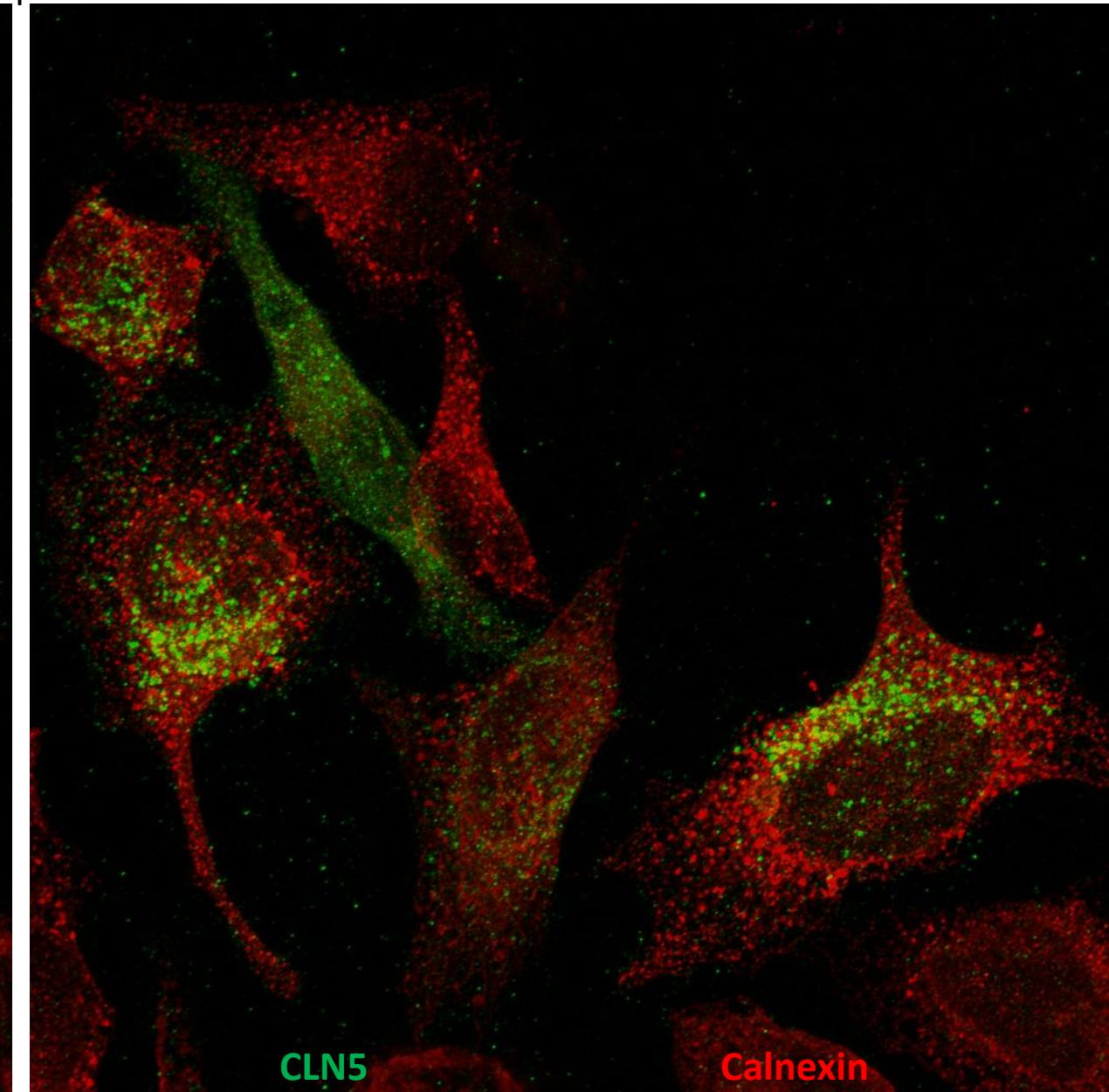
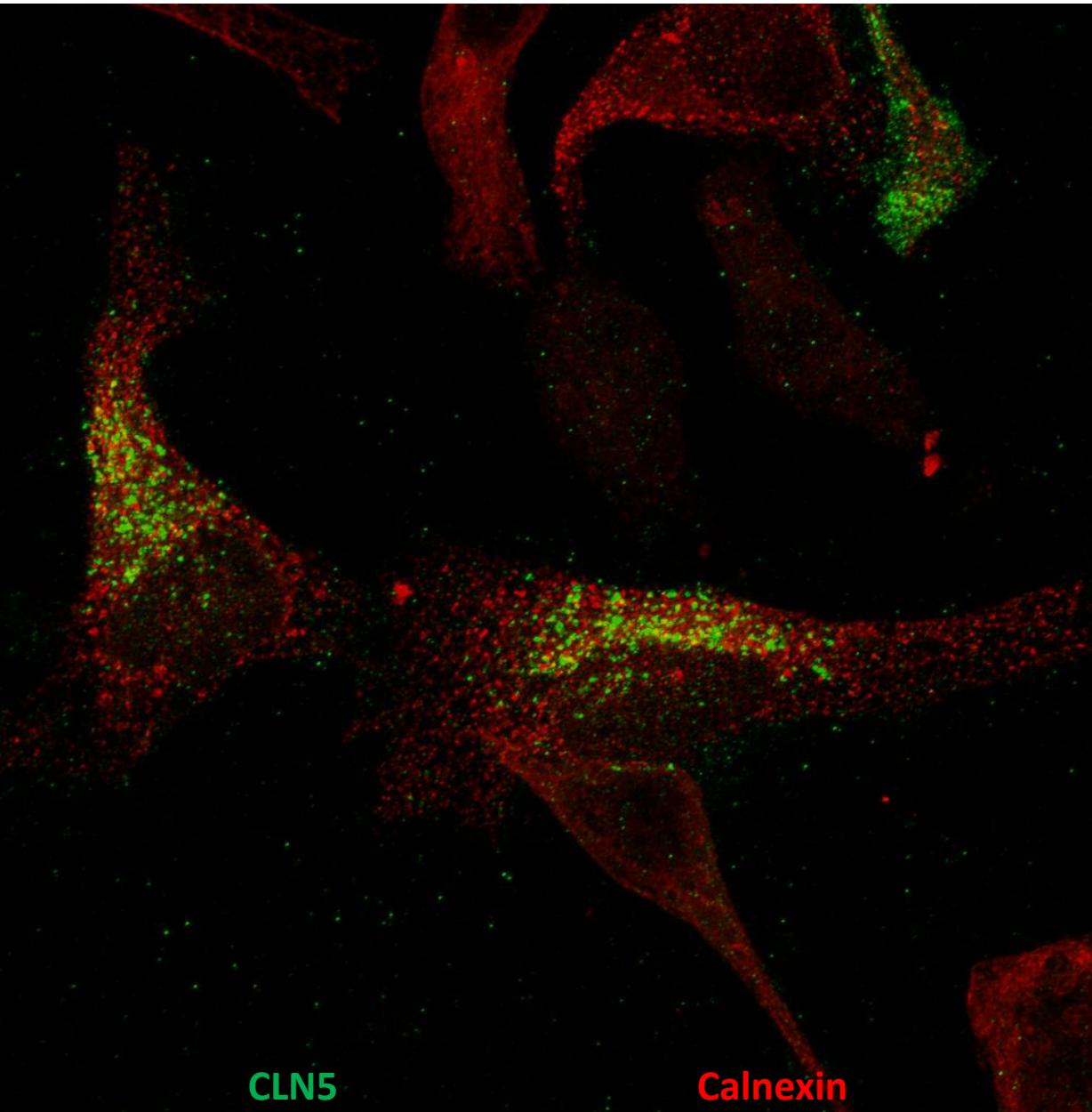
CLN5

Calnexin

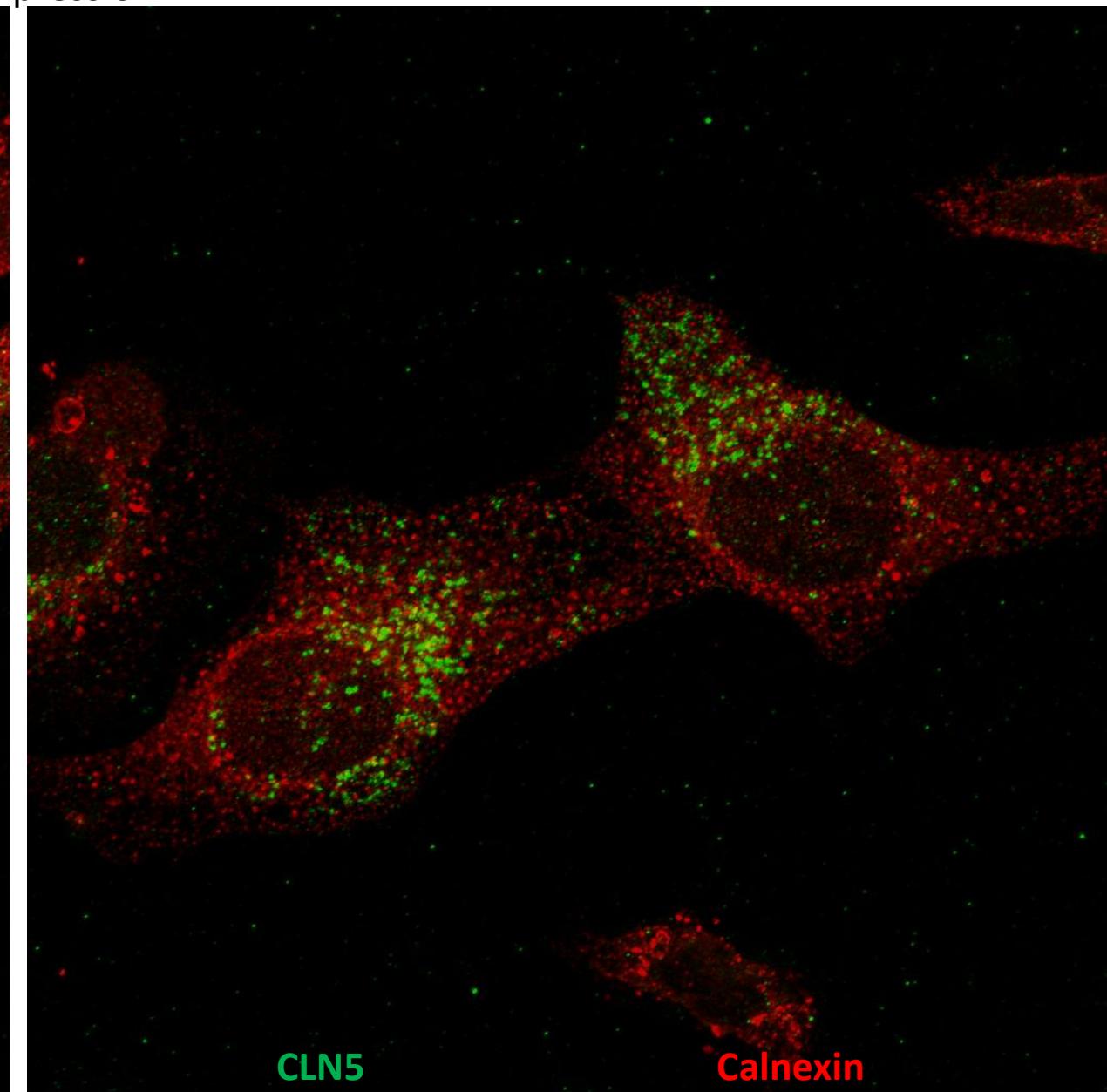
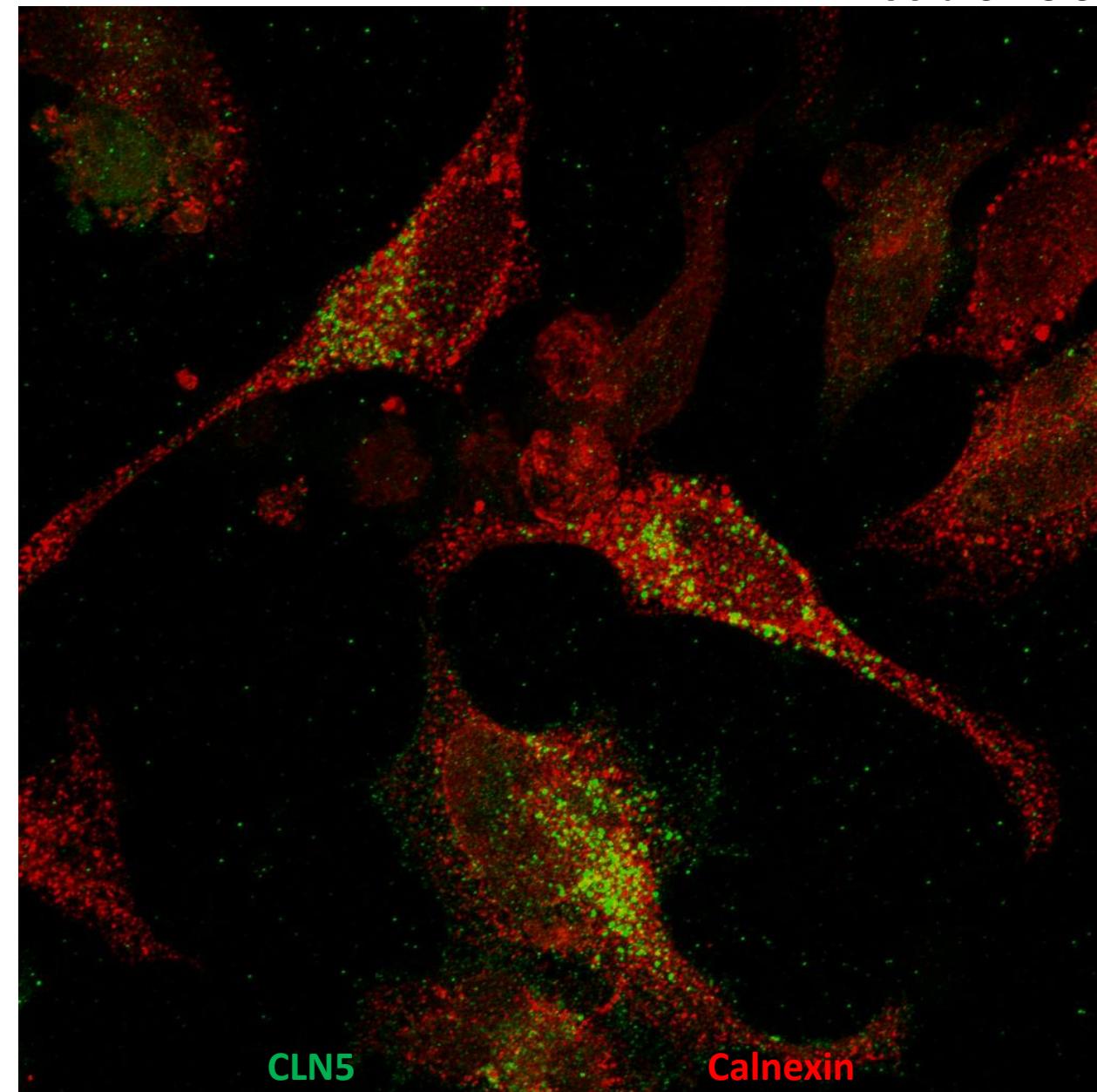
WT CLN5 expression



WT CLN5 expression

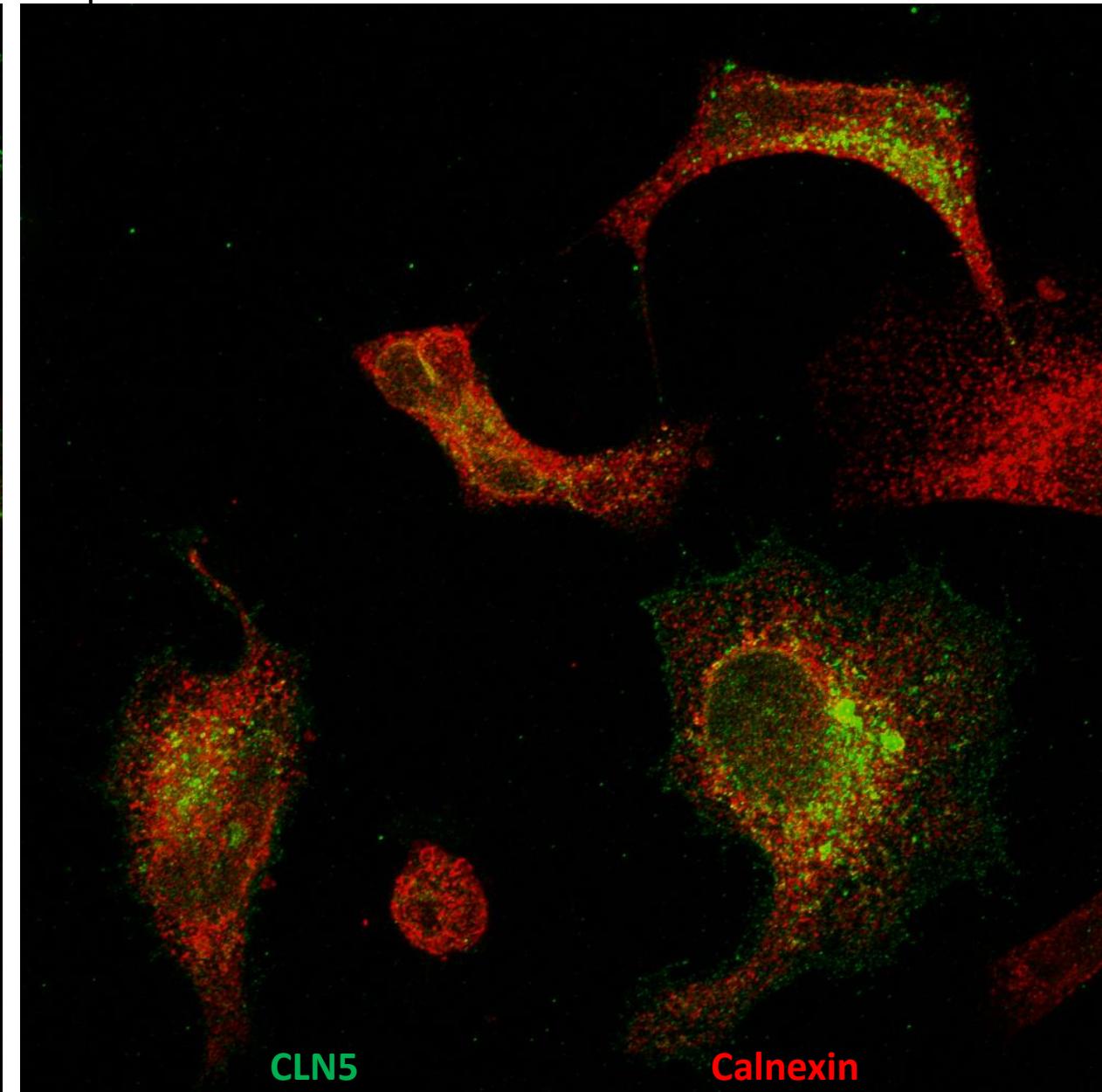
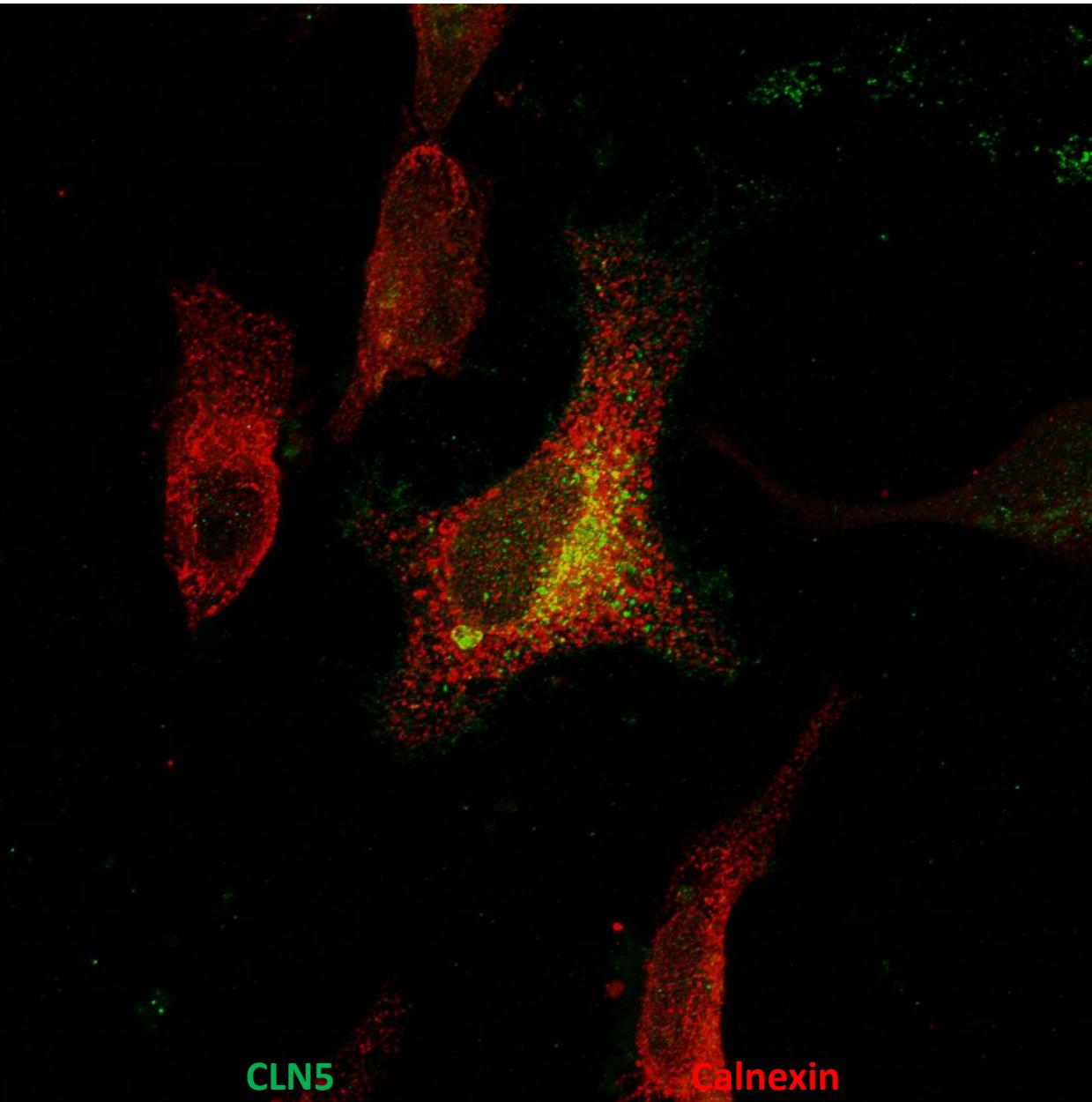


WT CLN5 expression

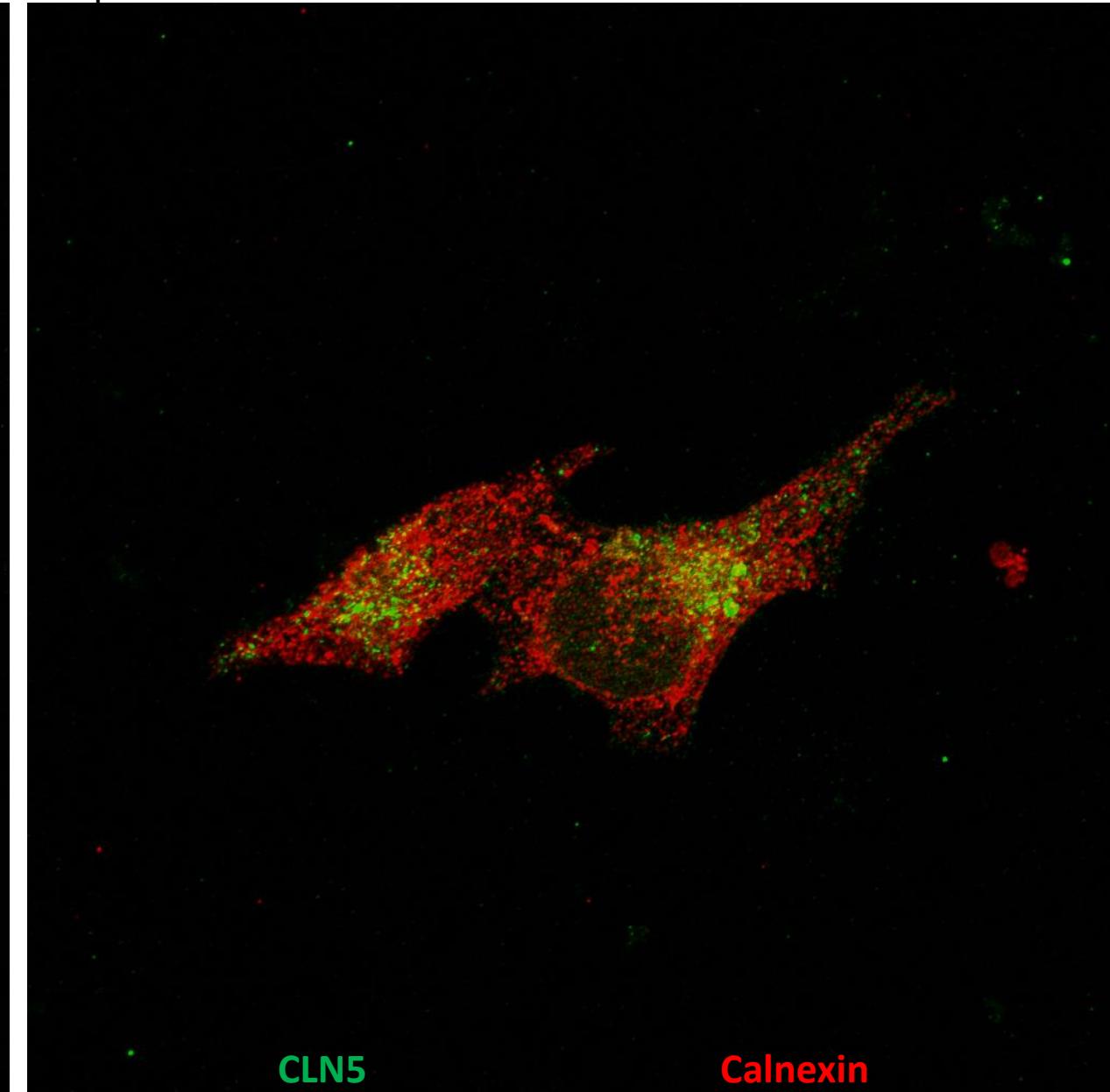
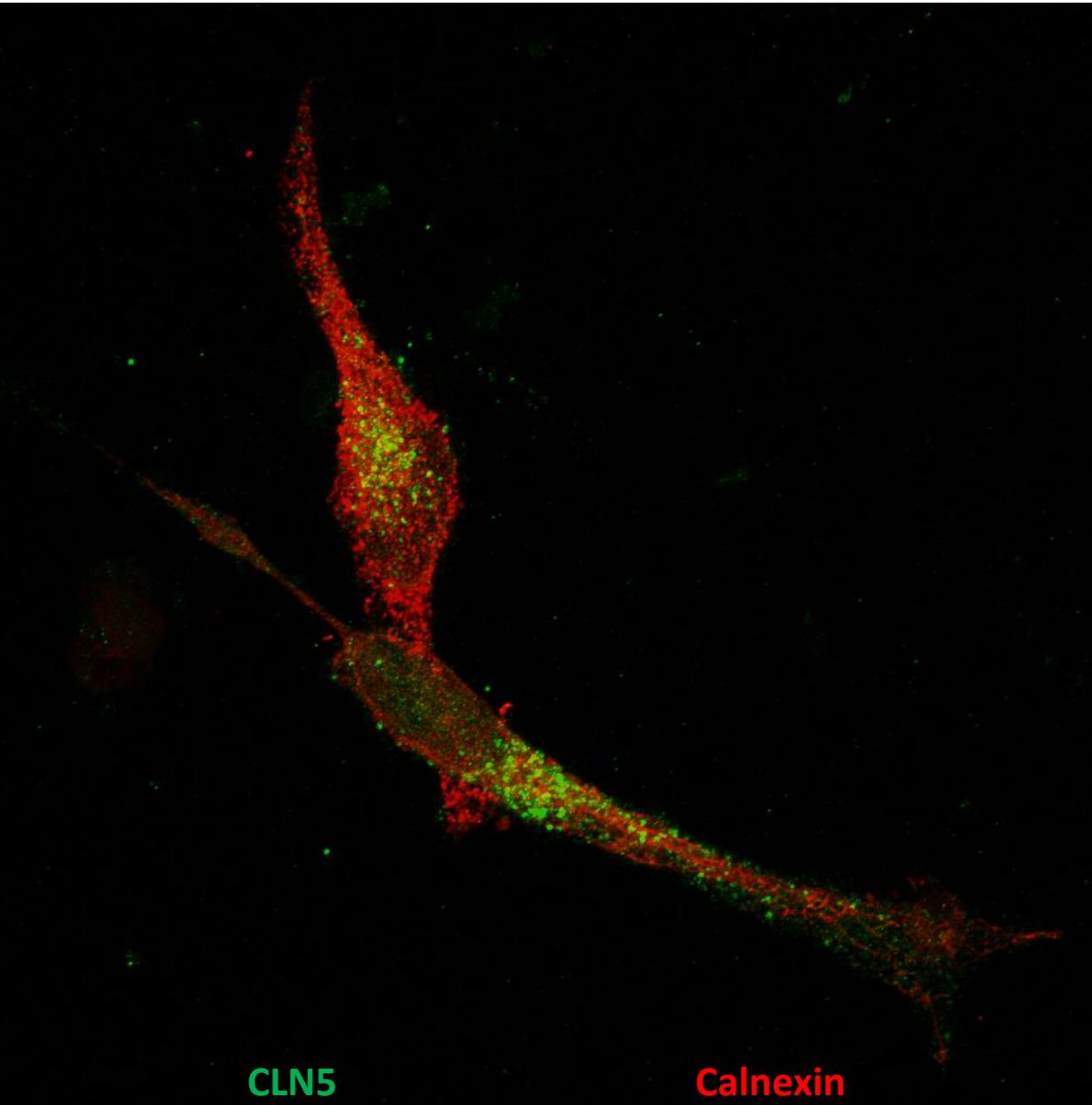


N320S CLN5 expression  
and co-localization with  
ER marker Calnexin

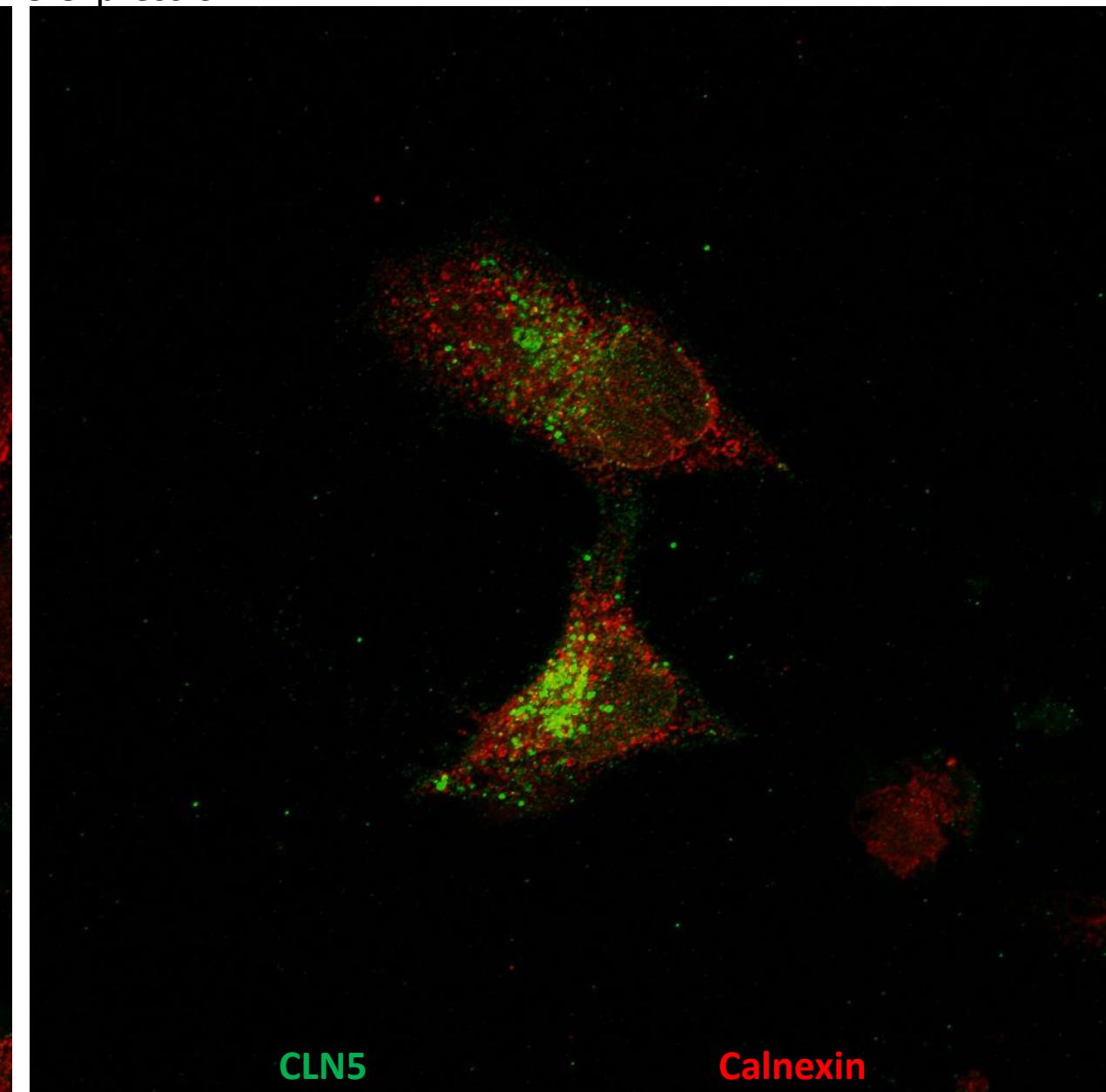
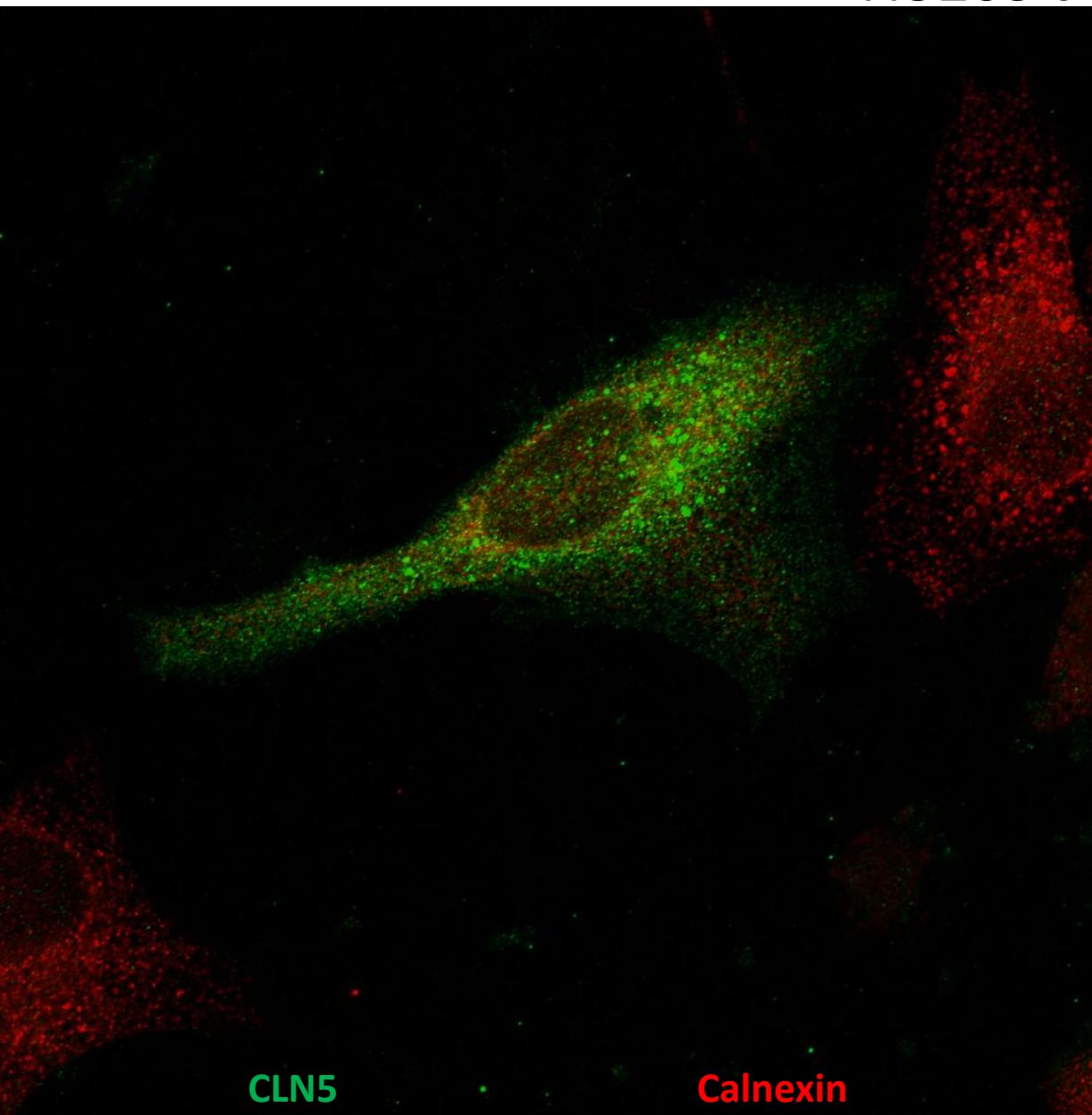
# N320S CLN5 expression



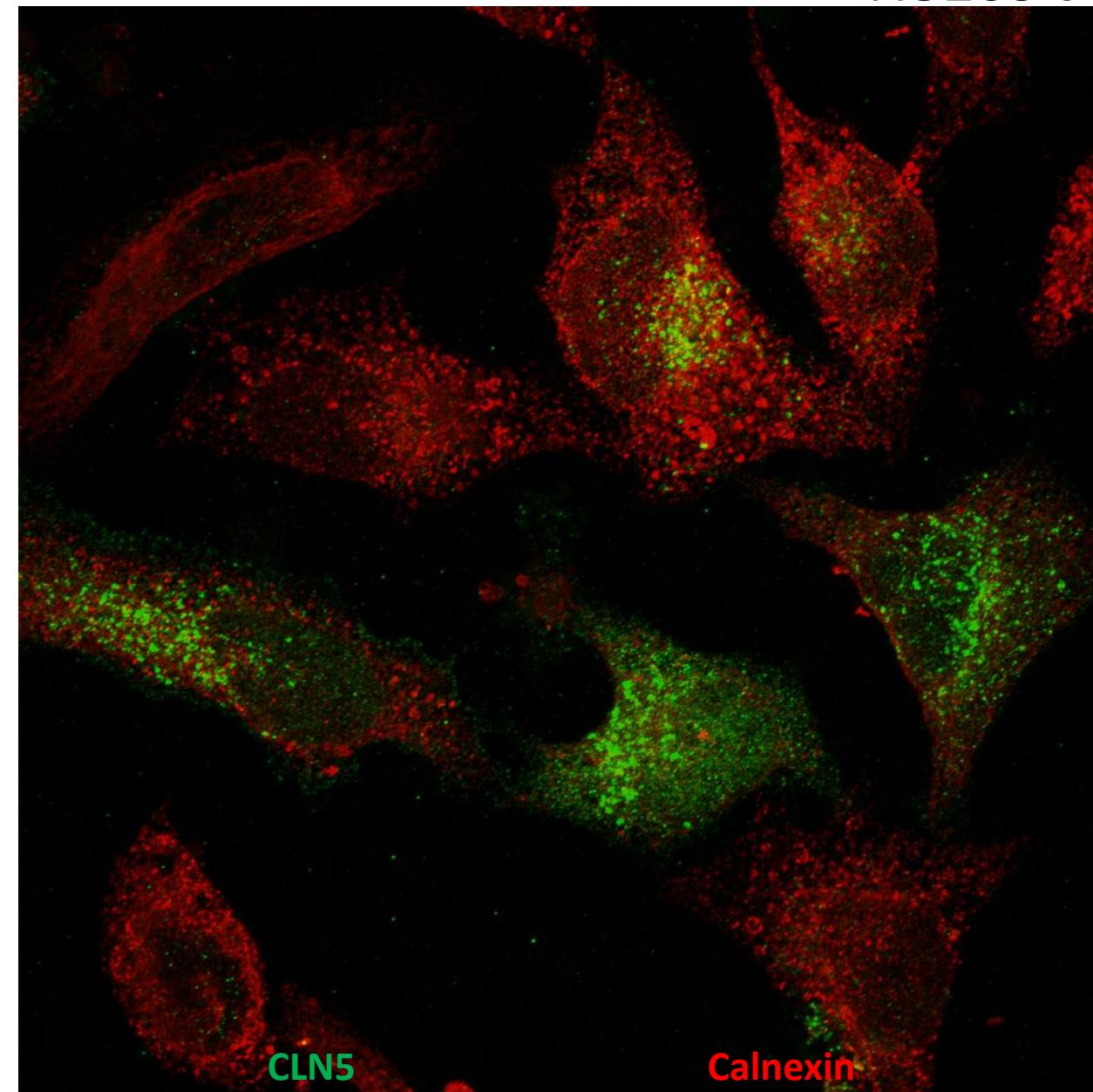
# N320S CLN5 expression



# N320S CLN5 expression

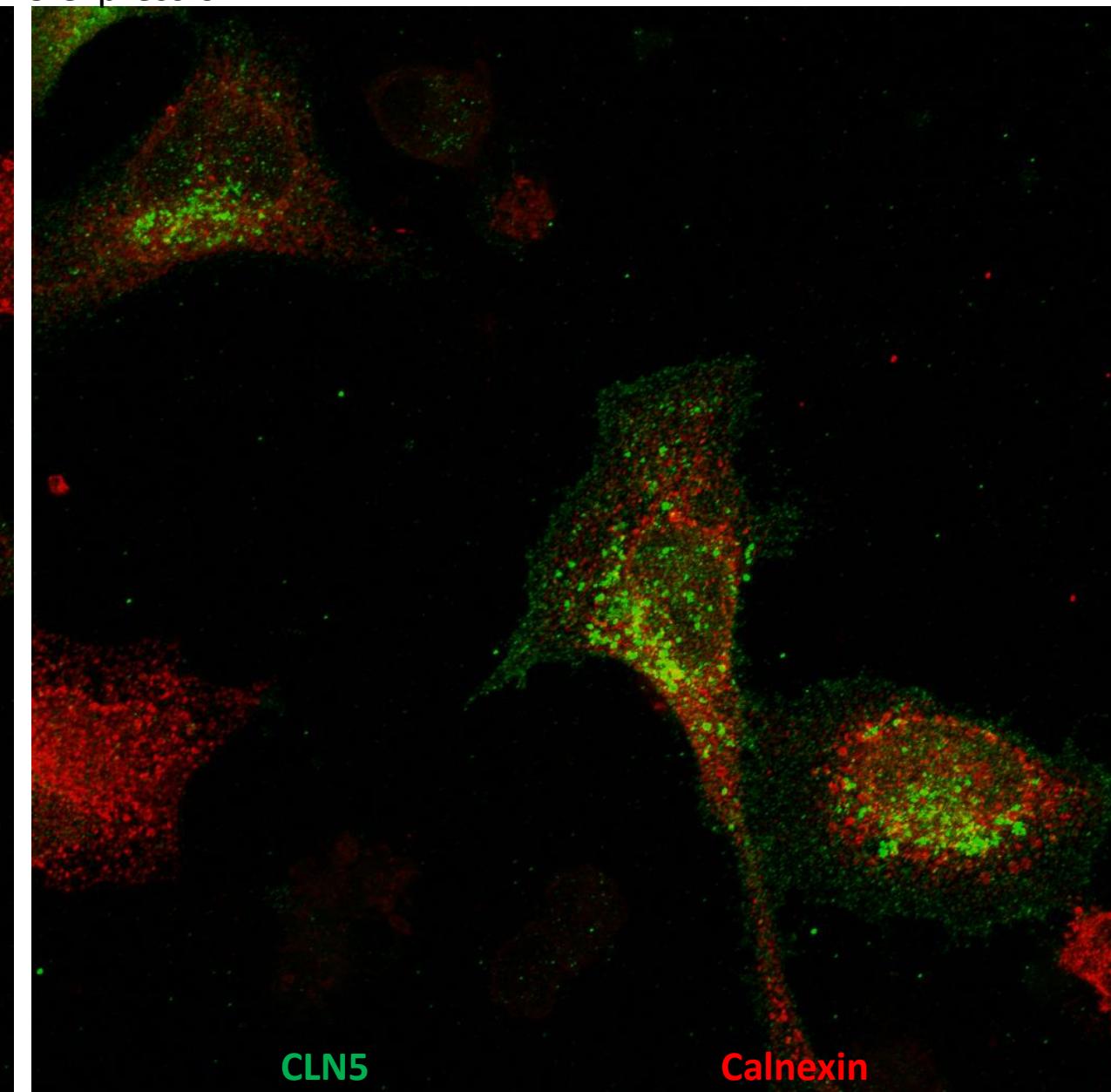


N320S CLN5 expression



CLN5

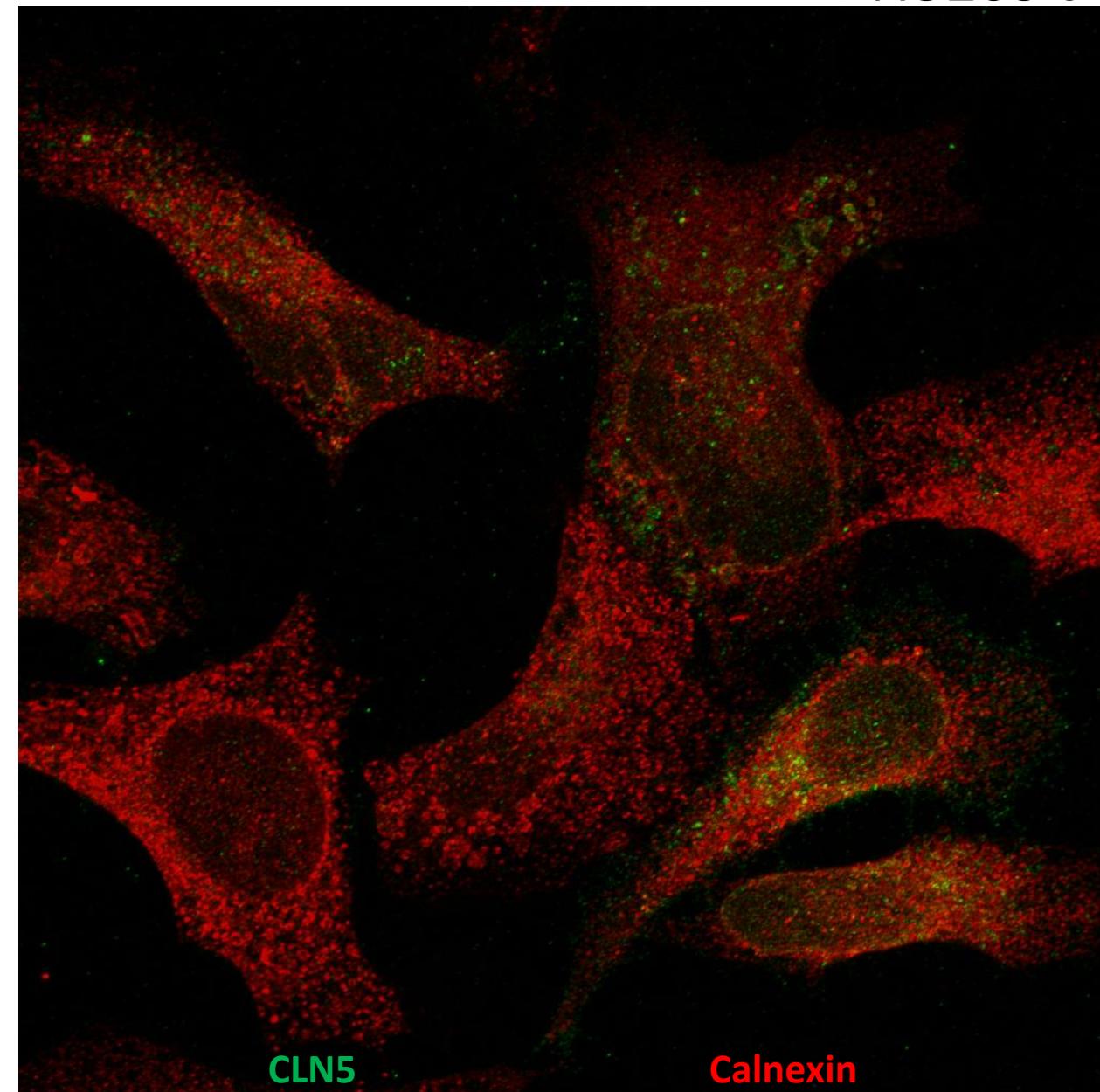
Calnexin



CLN5

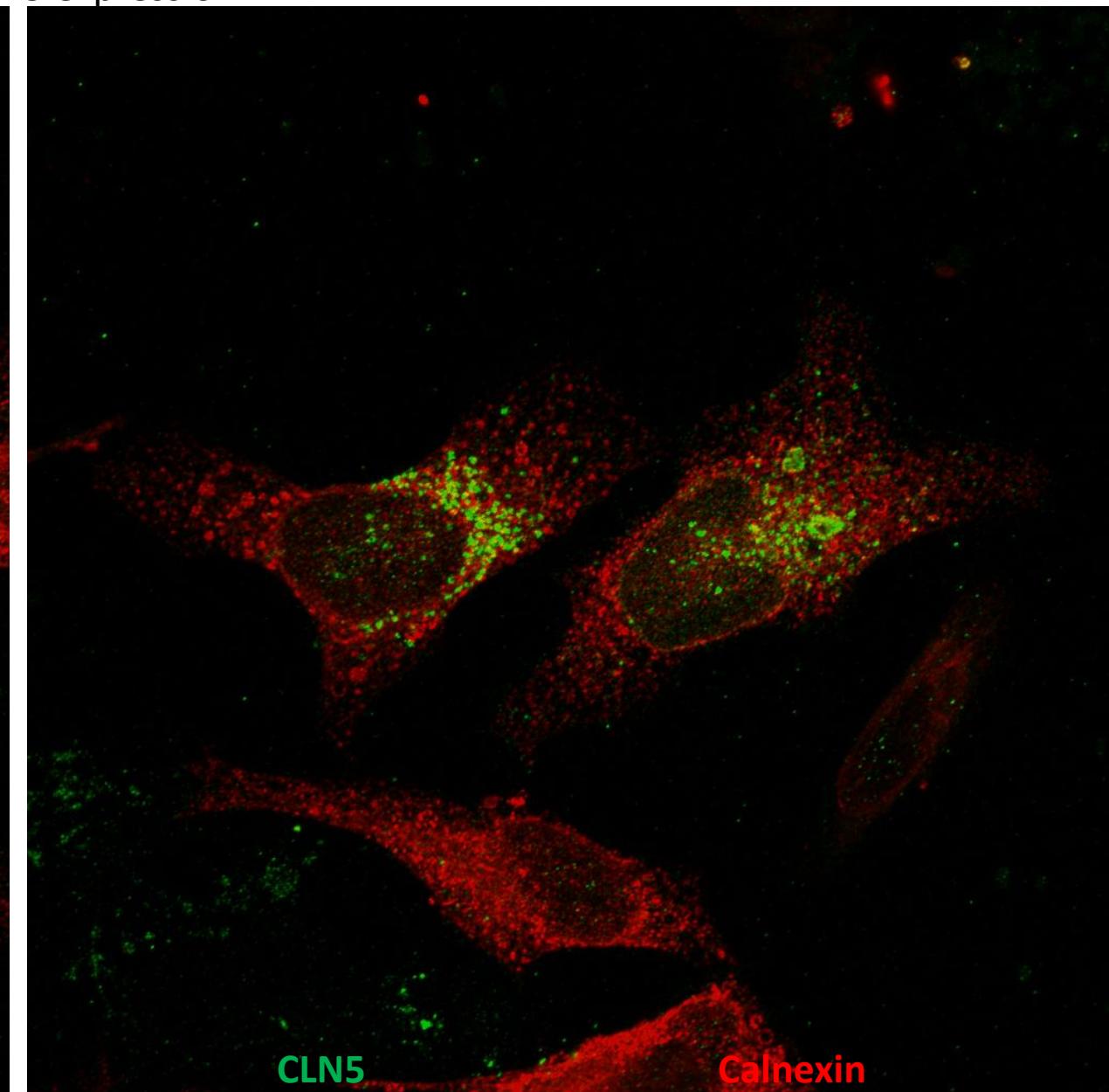
Calnexin

# N320S CLN5 expression



CLN5

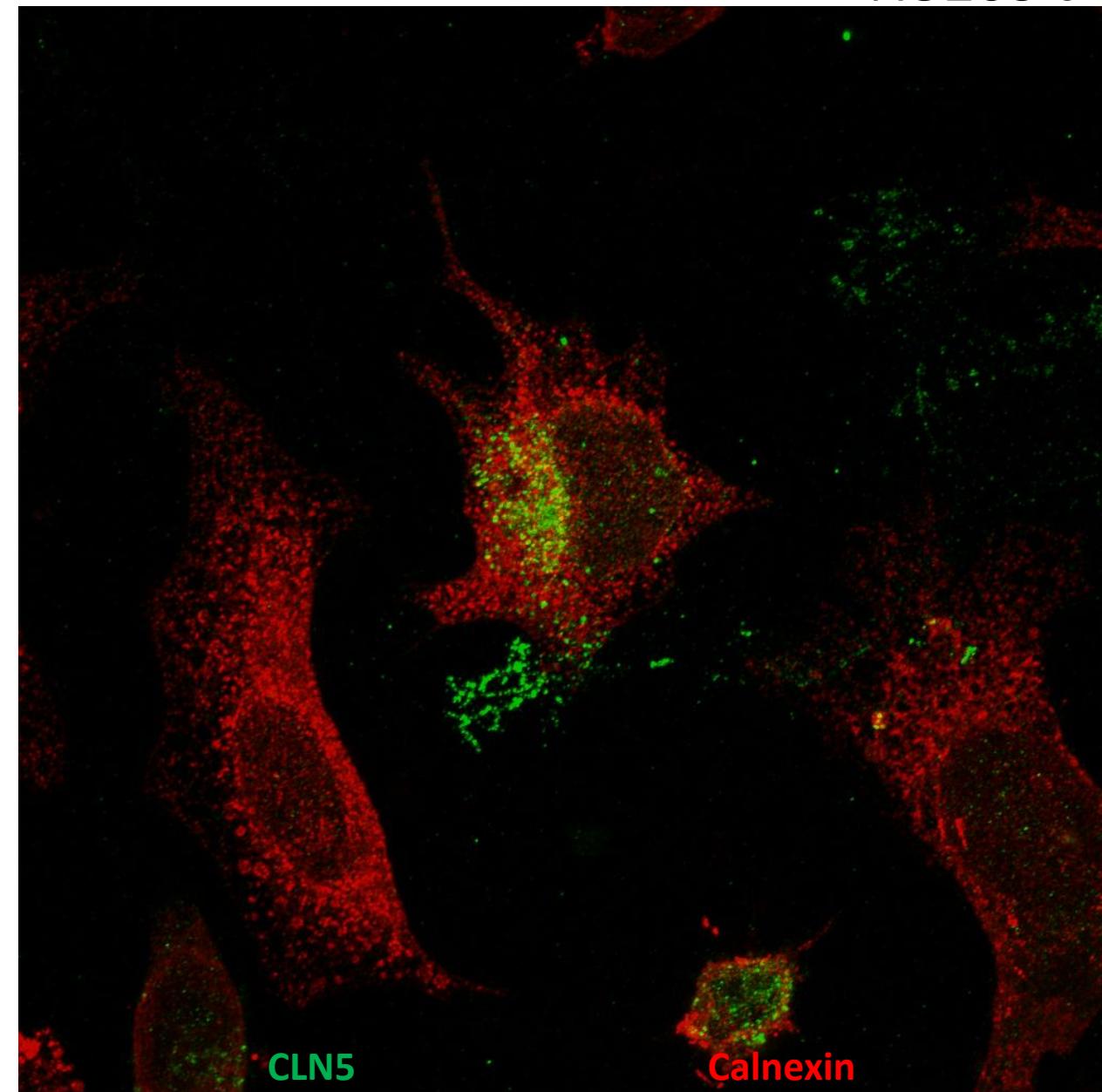
Calnexin



CLN5

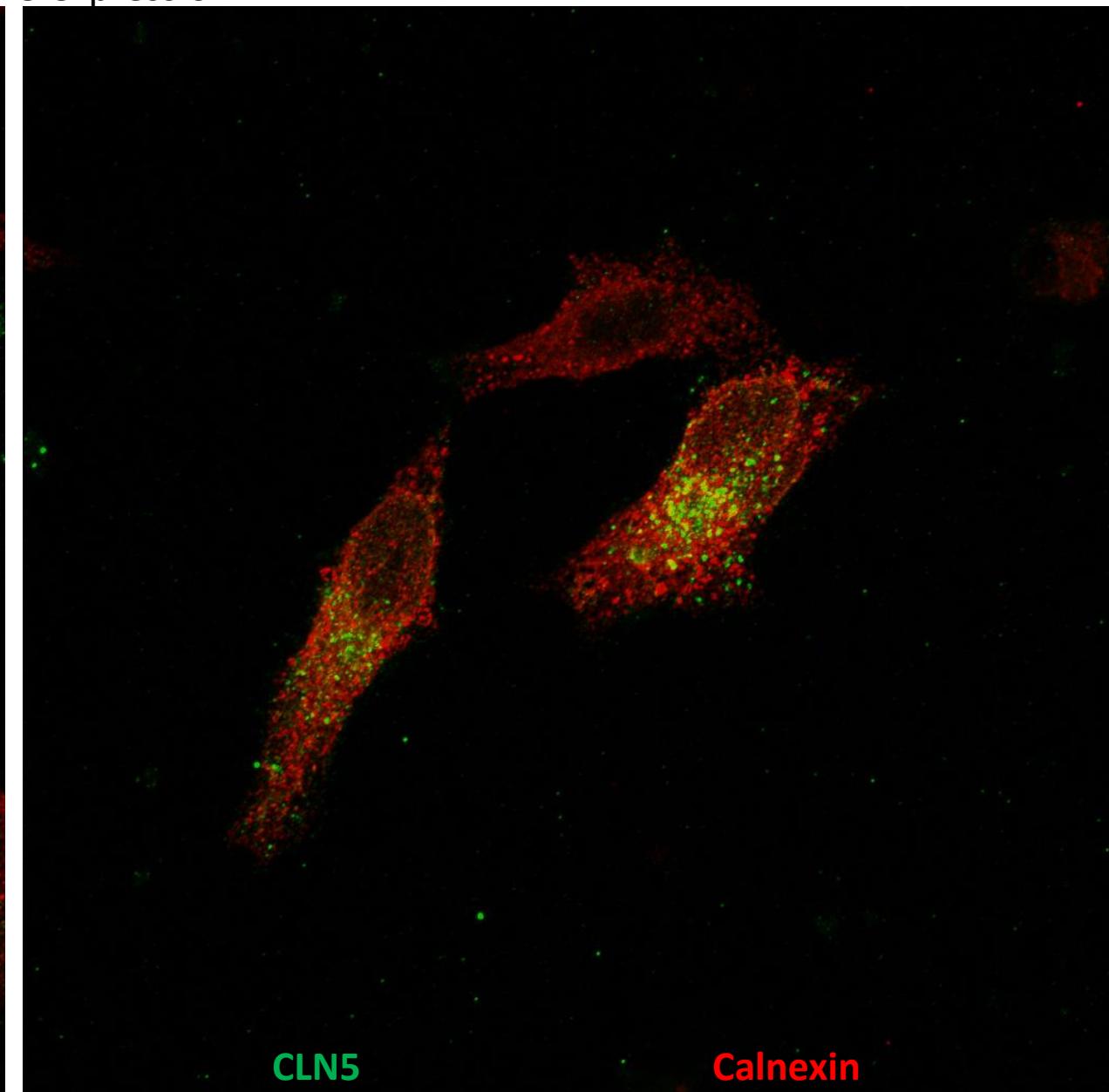
Calnexin

# N320S CLN5 expression



CLN5

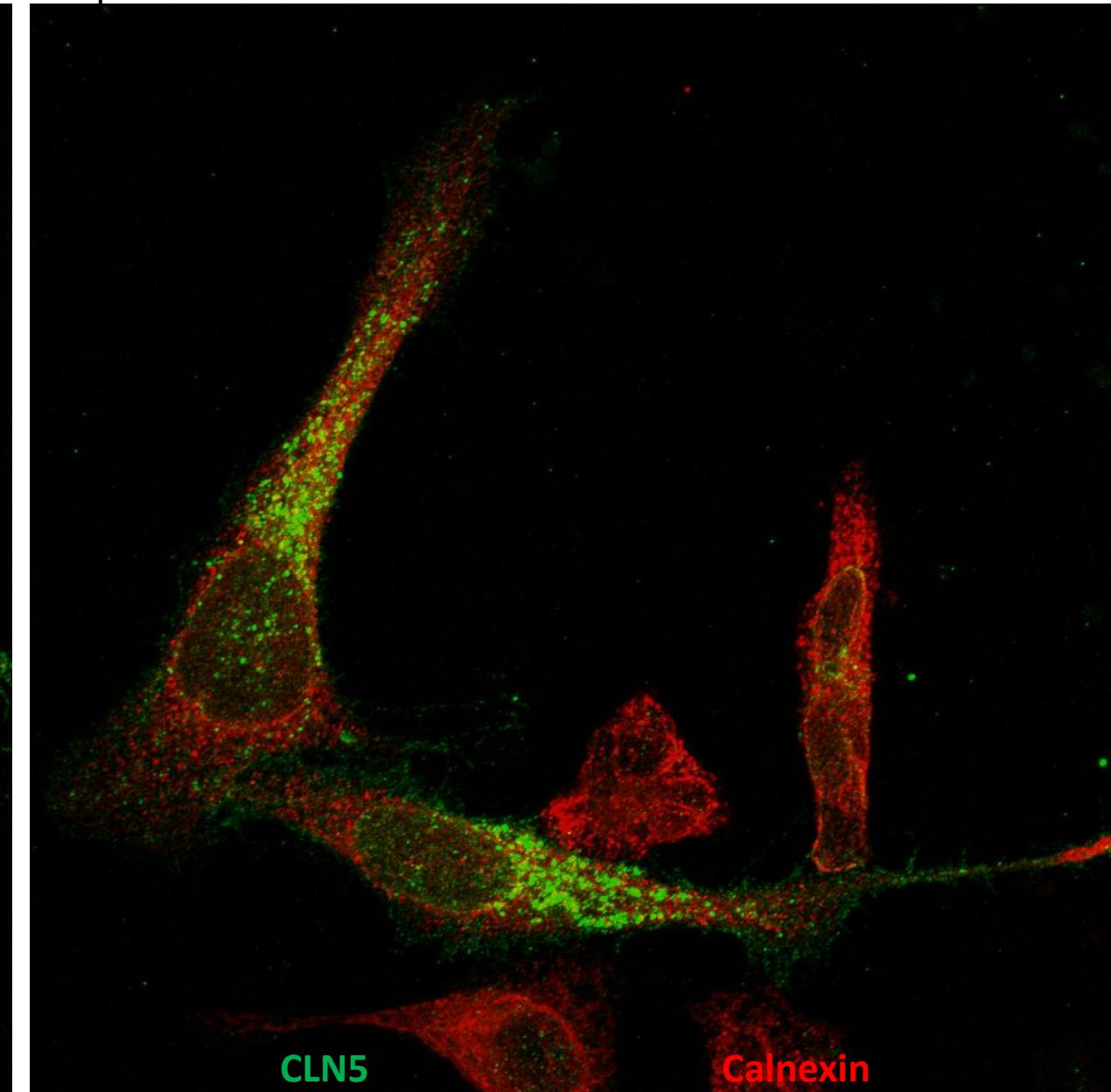
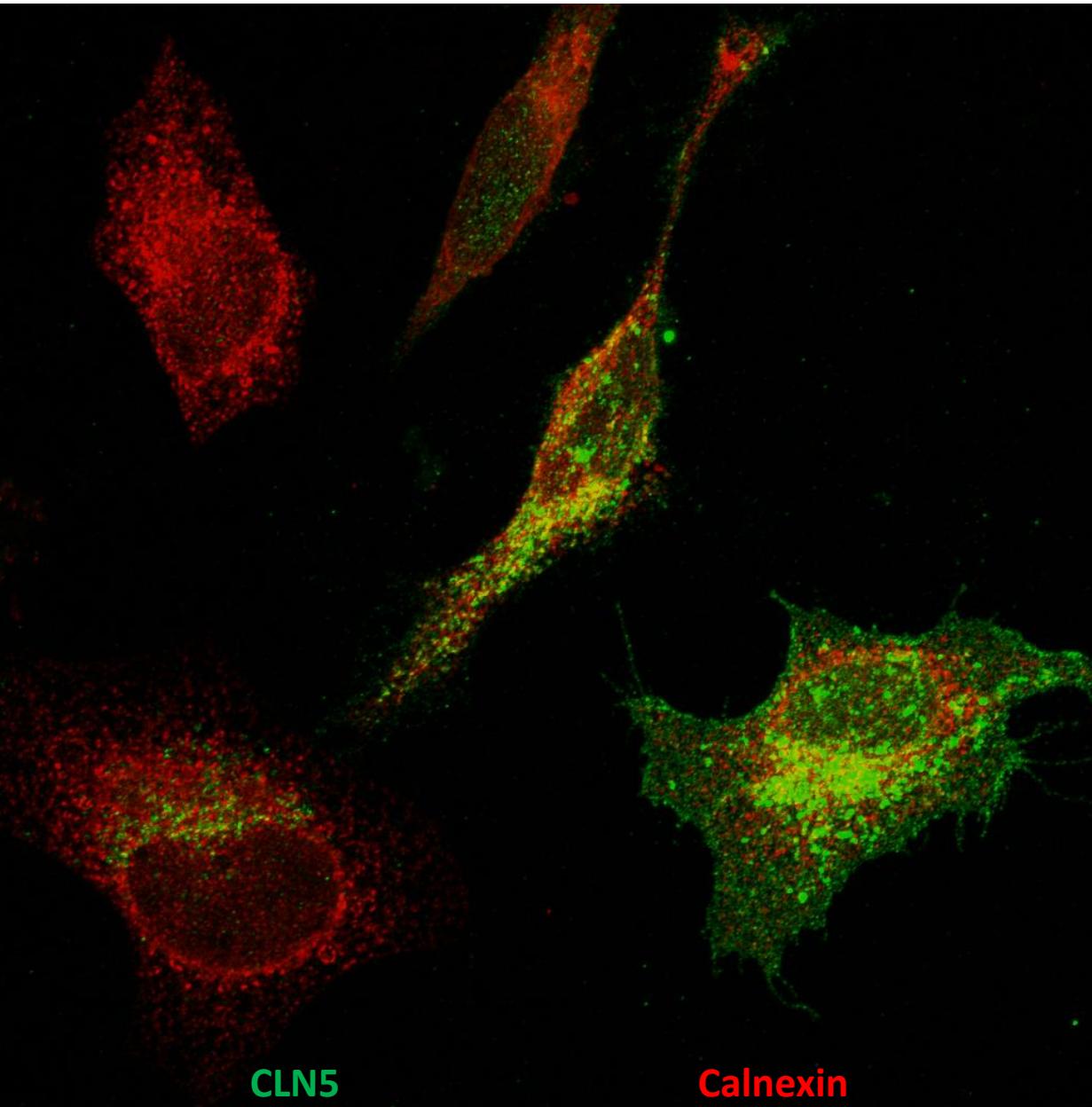
Calnexin



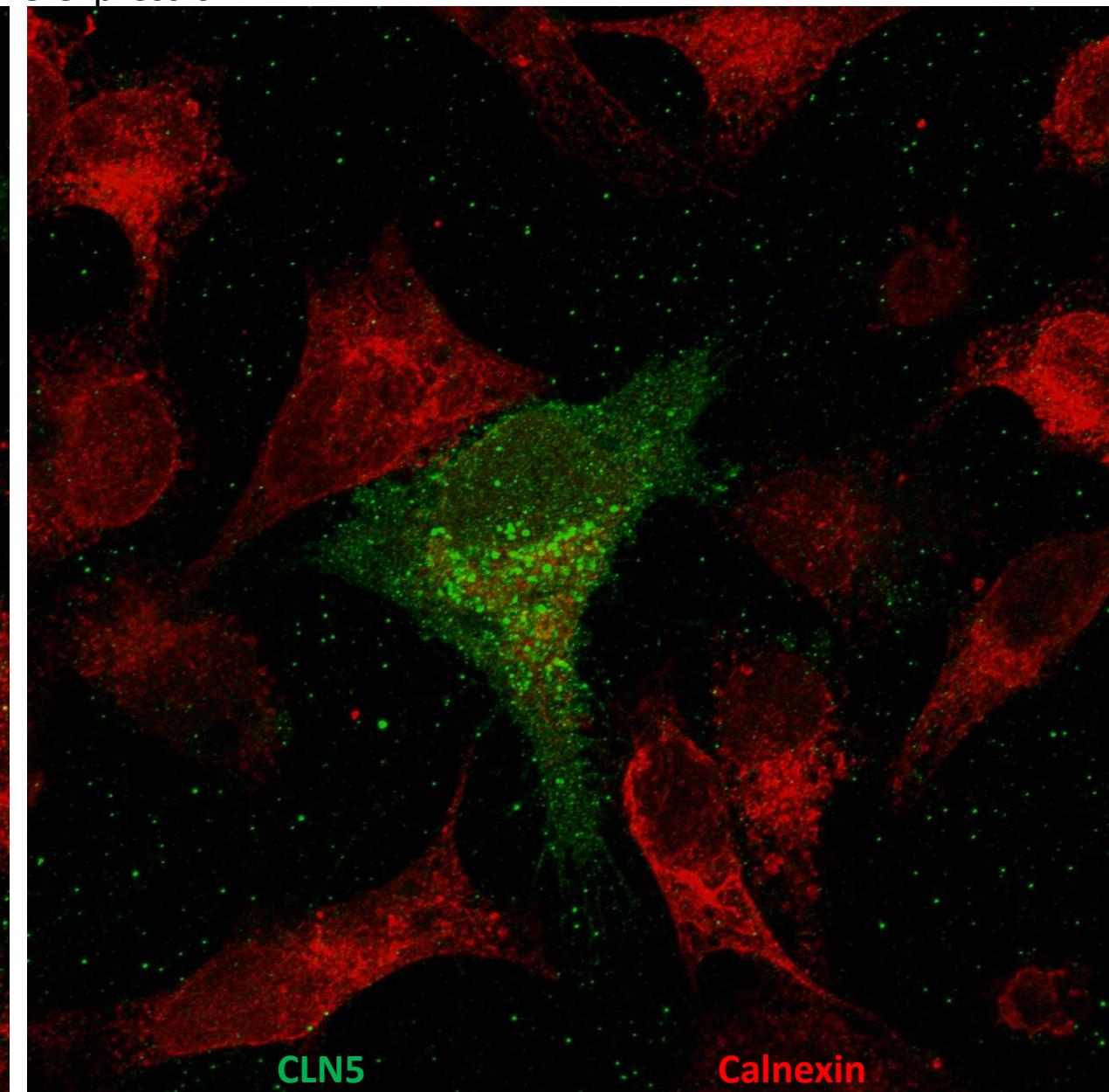
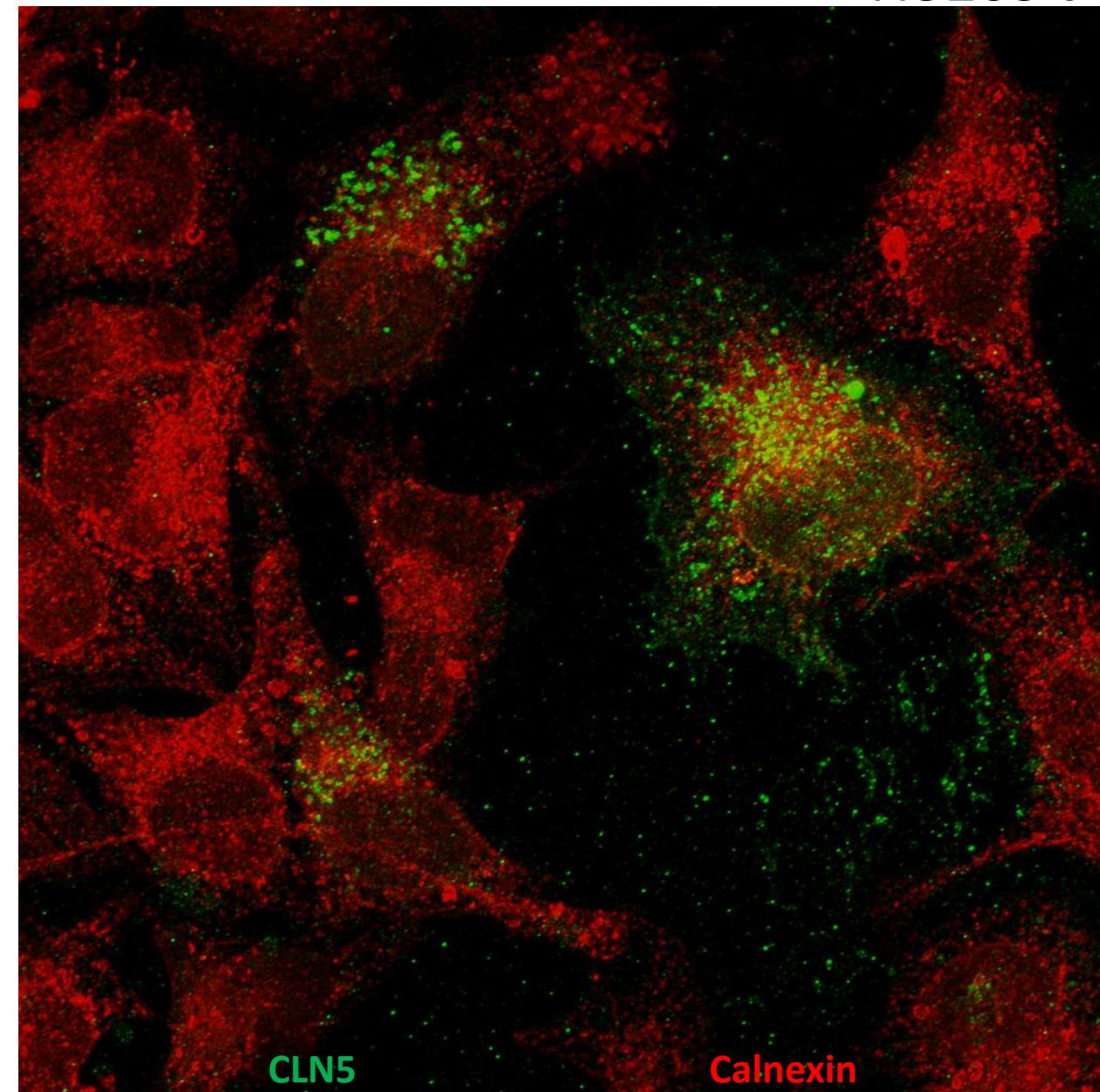
CLN5

Calnexin

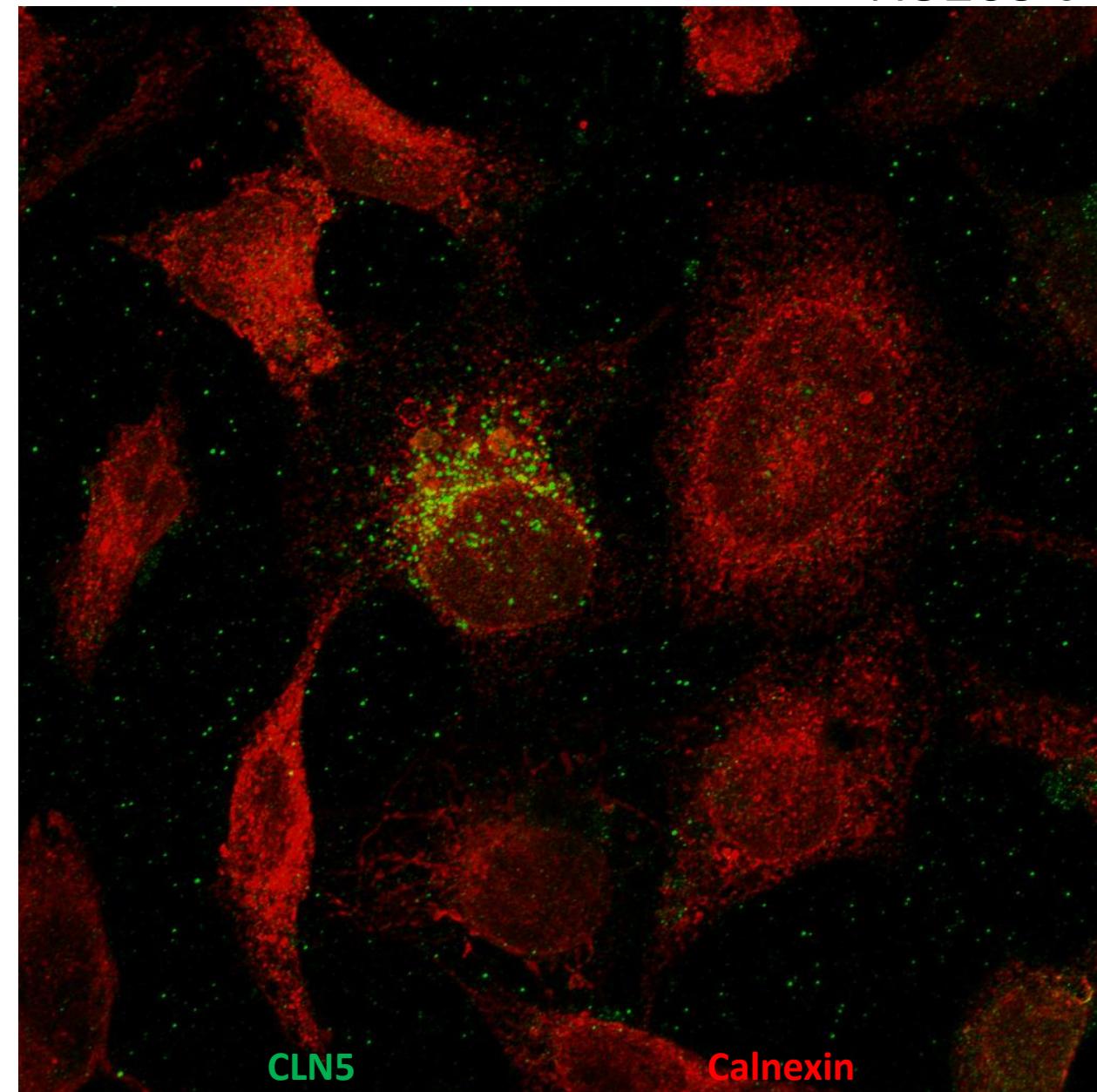
# N320S CLN5 expression



# N320S CLN5 expression

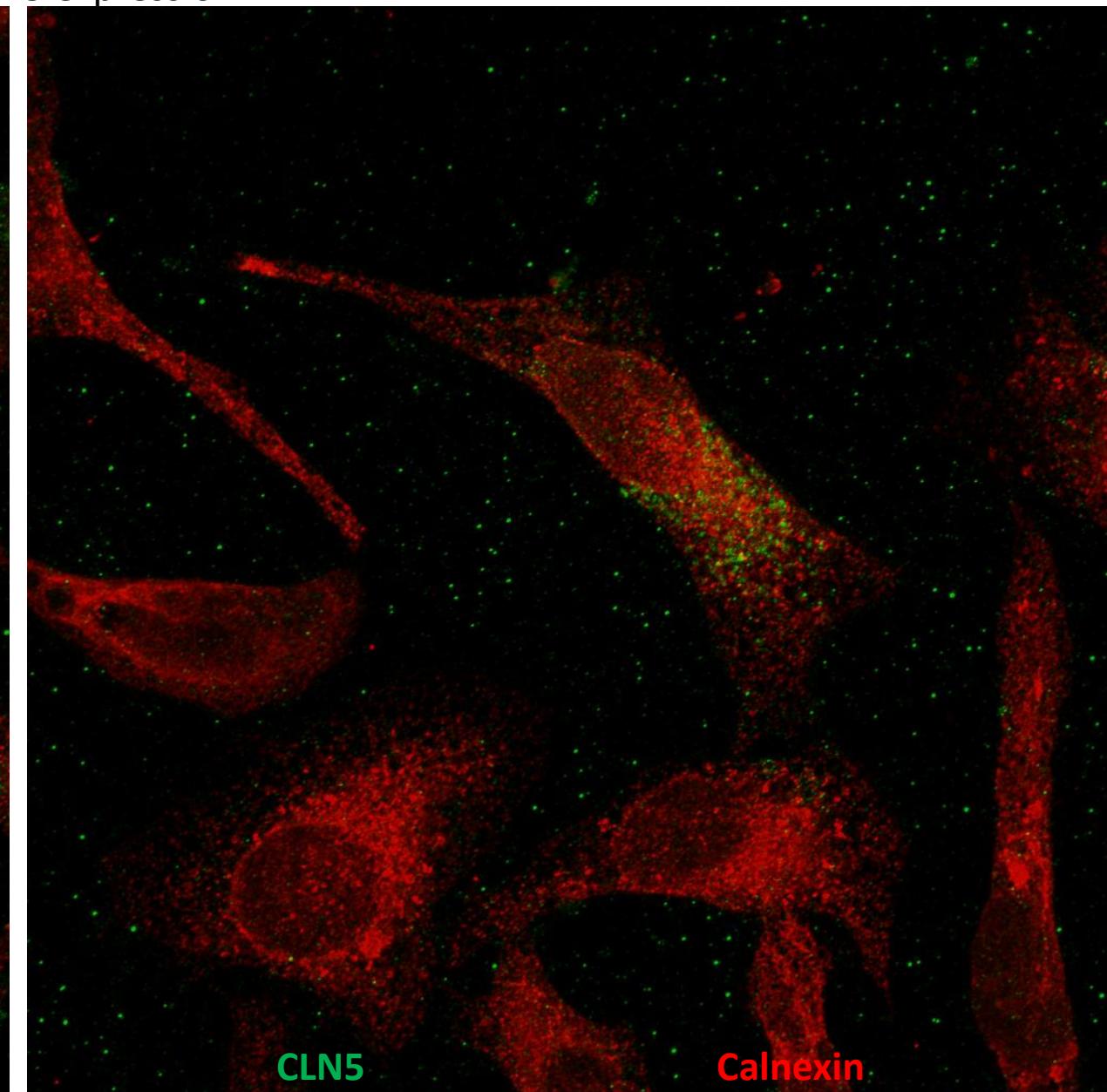


# N320S CLN5 expression



CLN5

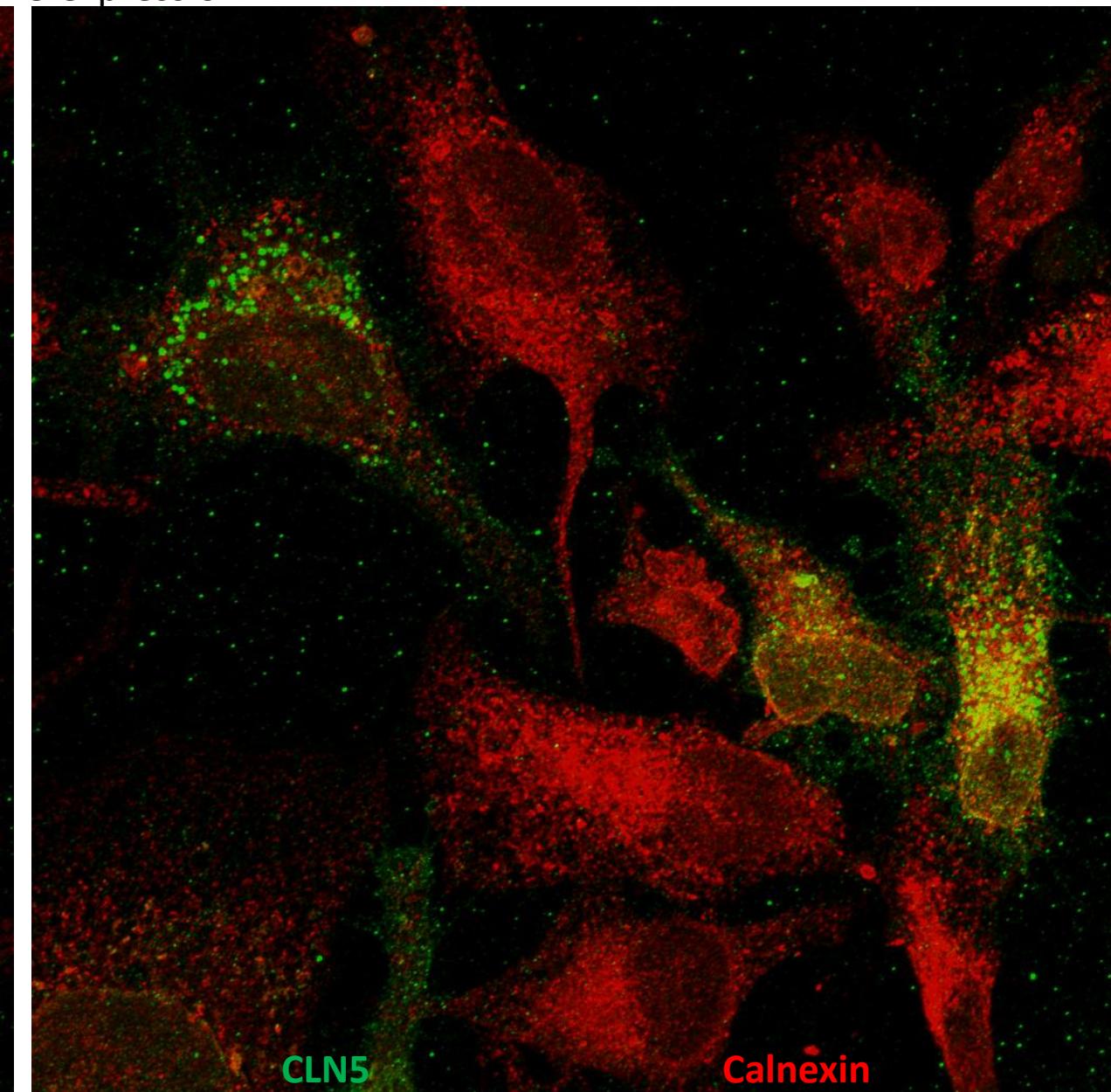
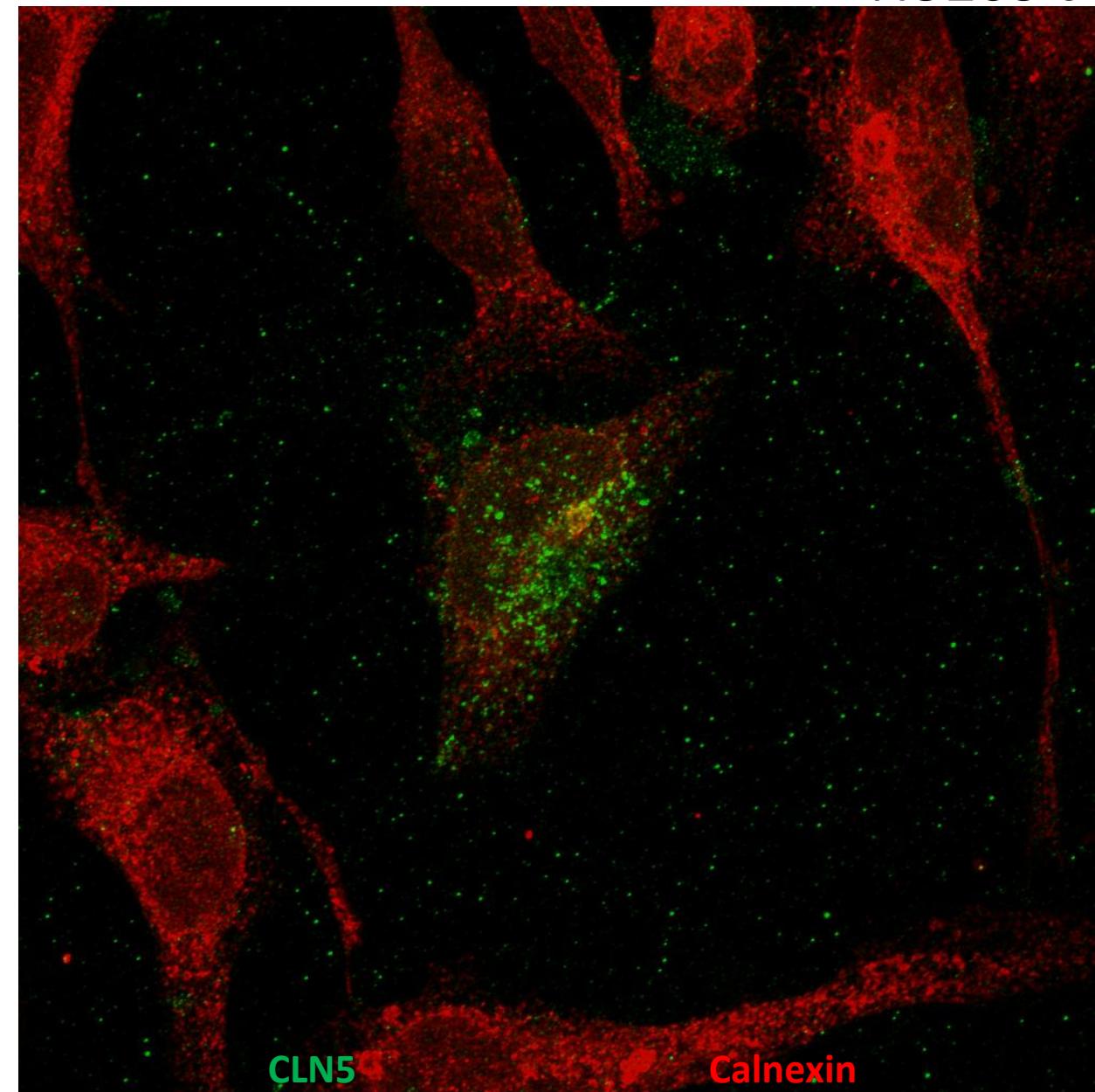
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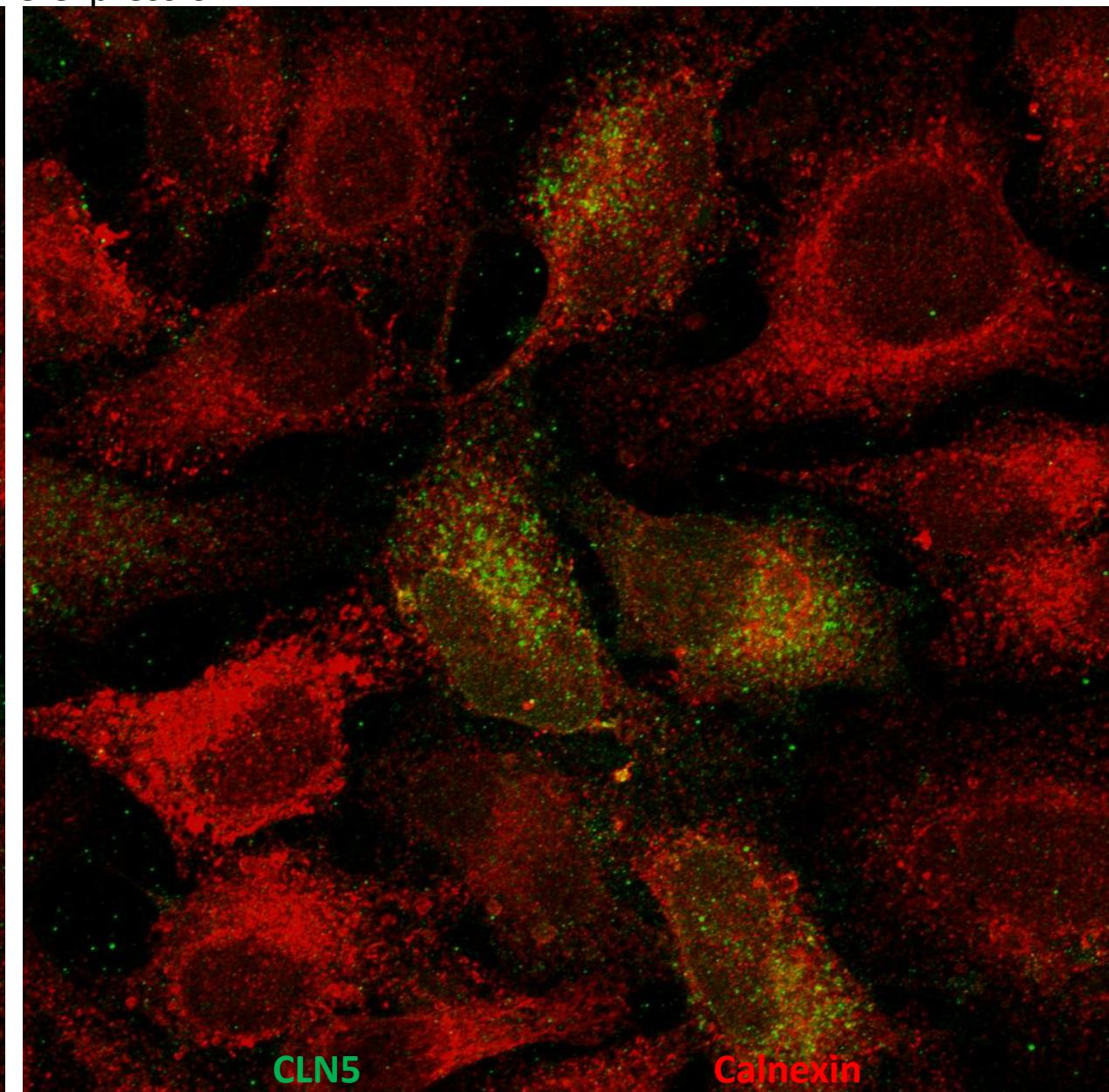
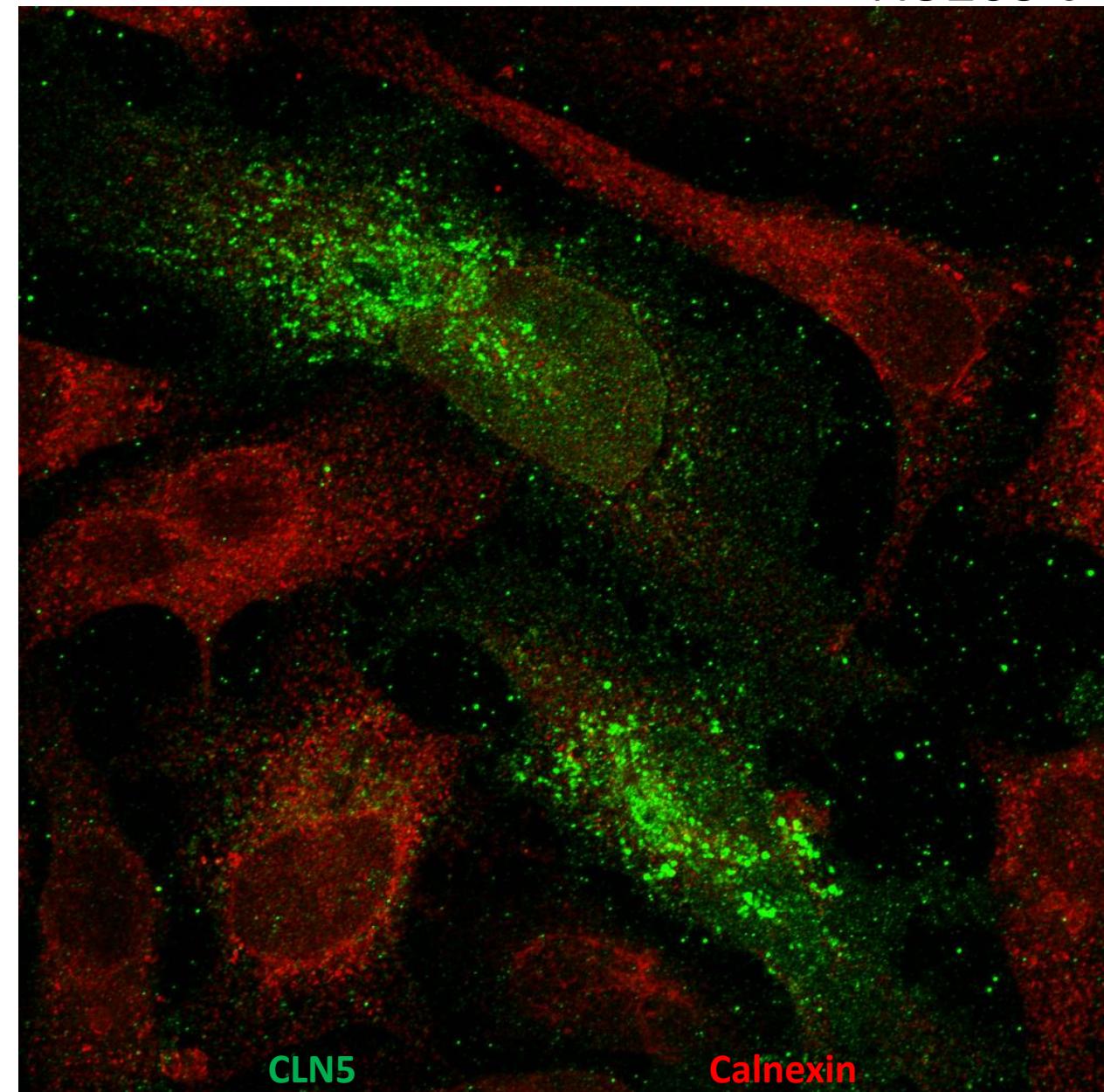
CLN5

Calnexin

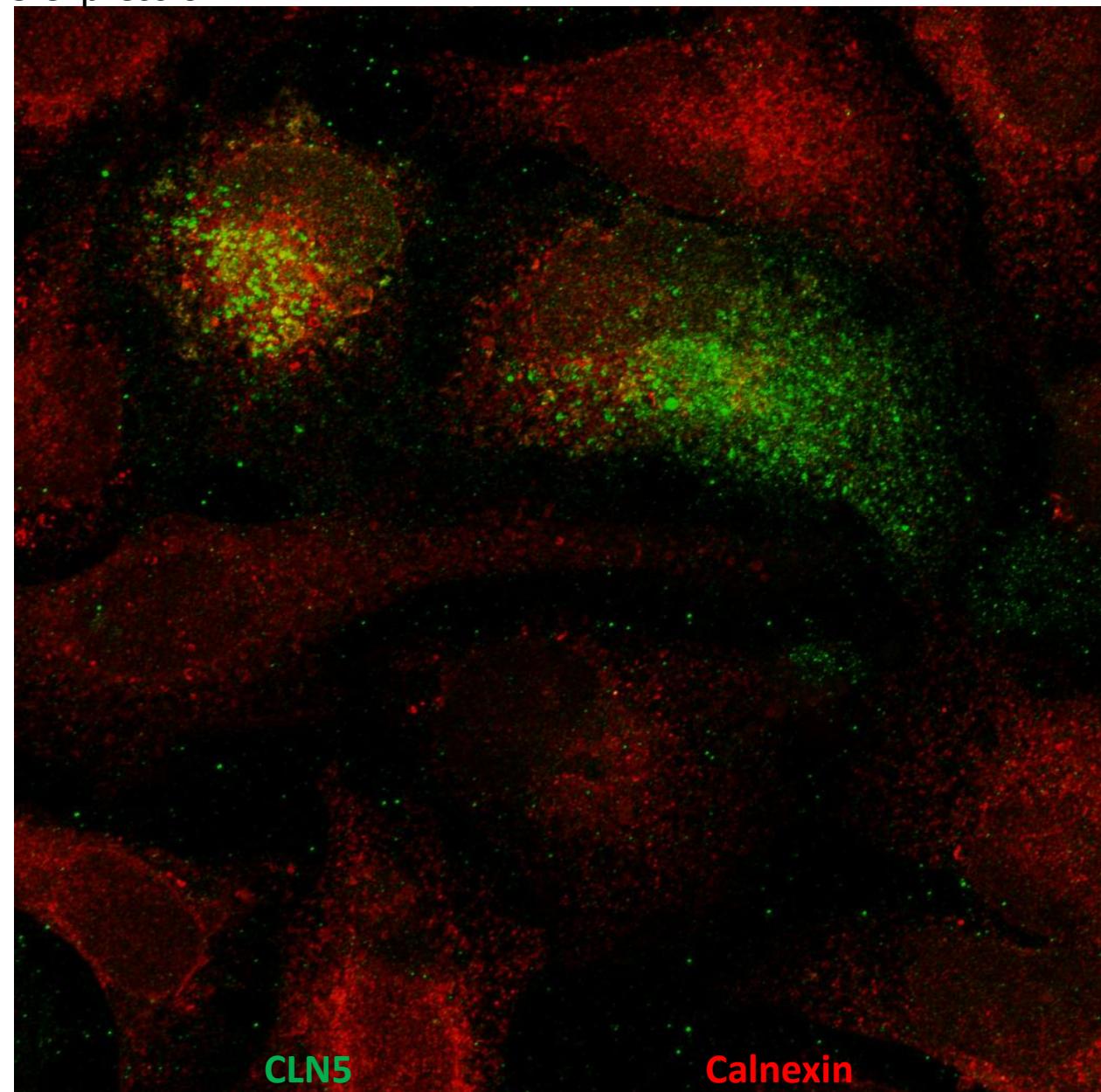
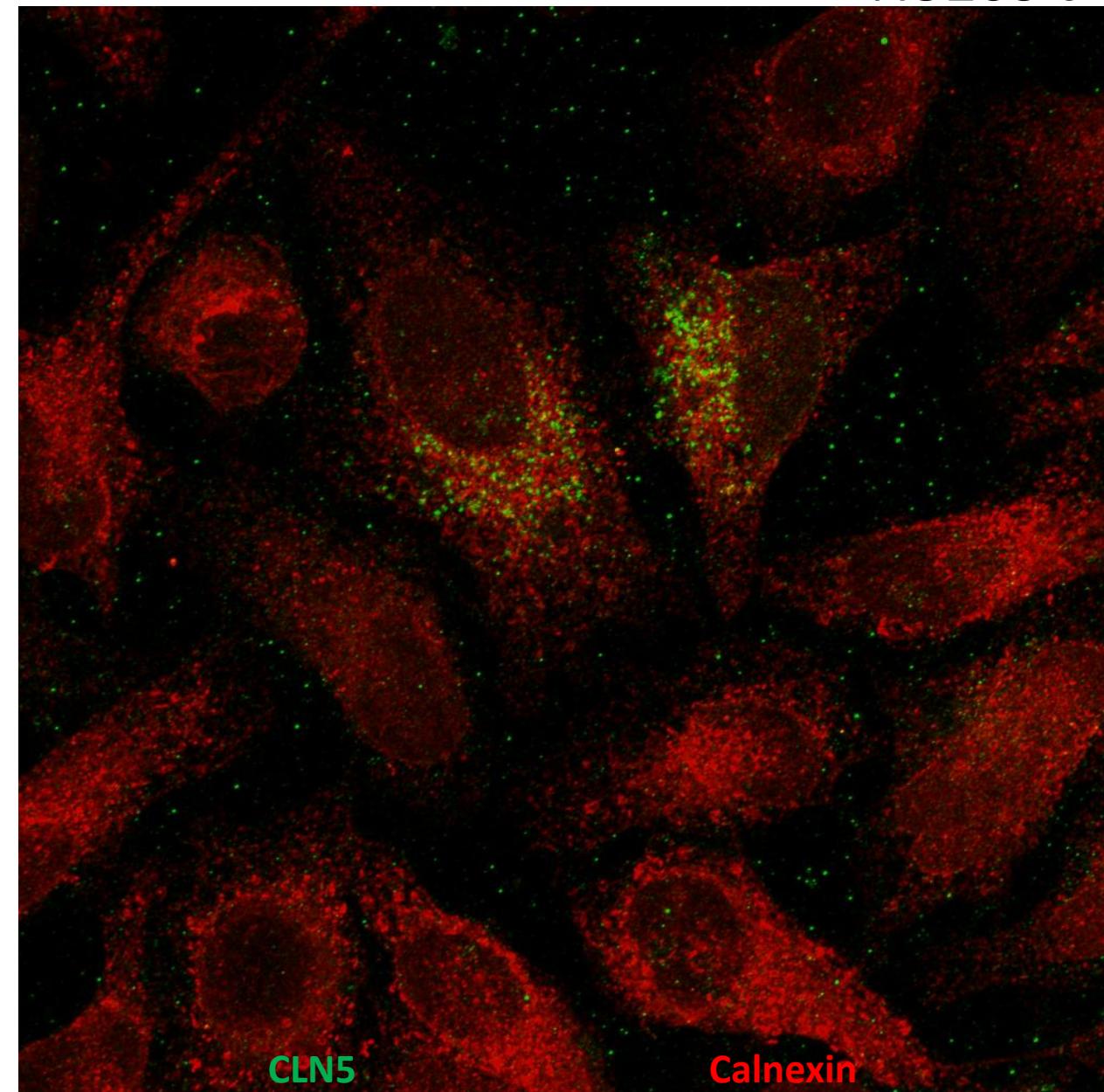
# N320S CLN5 expression



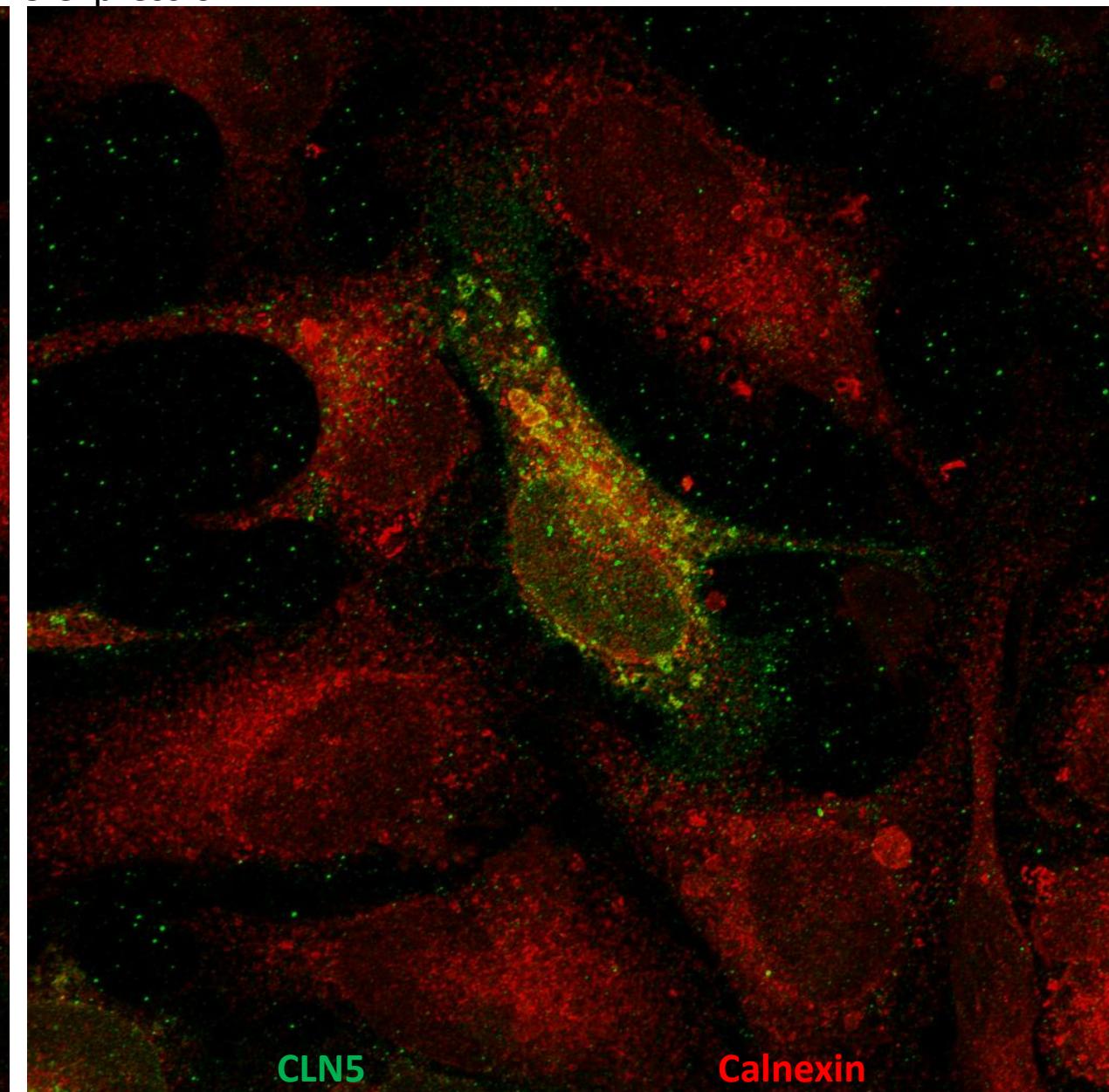
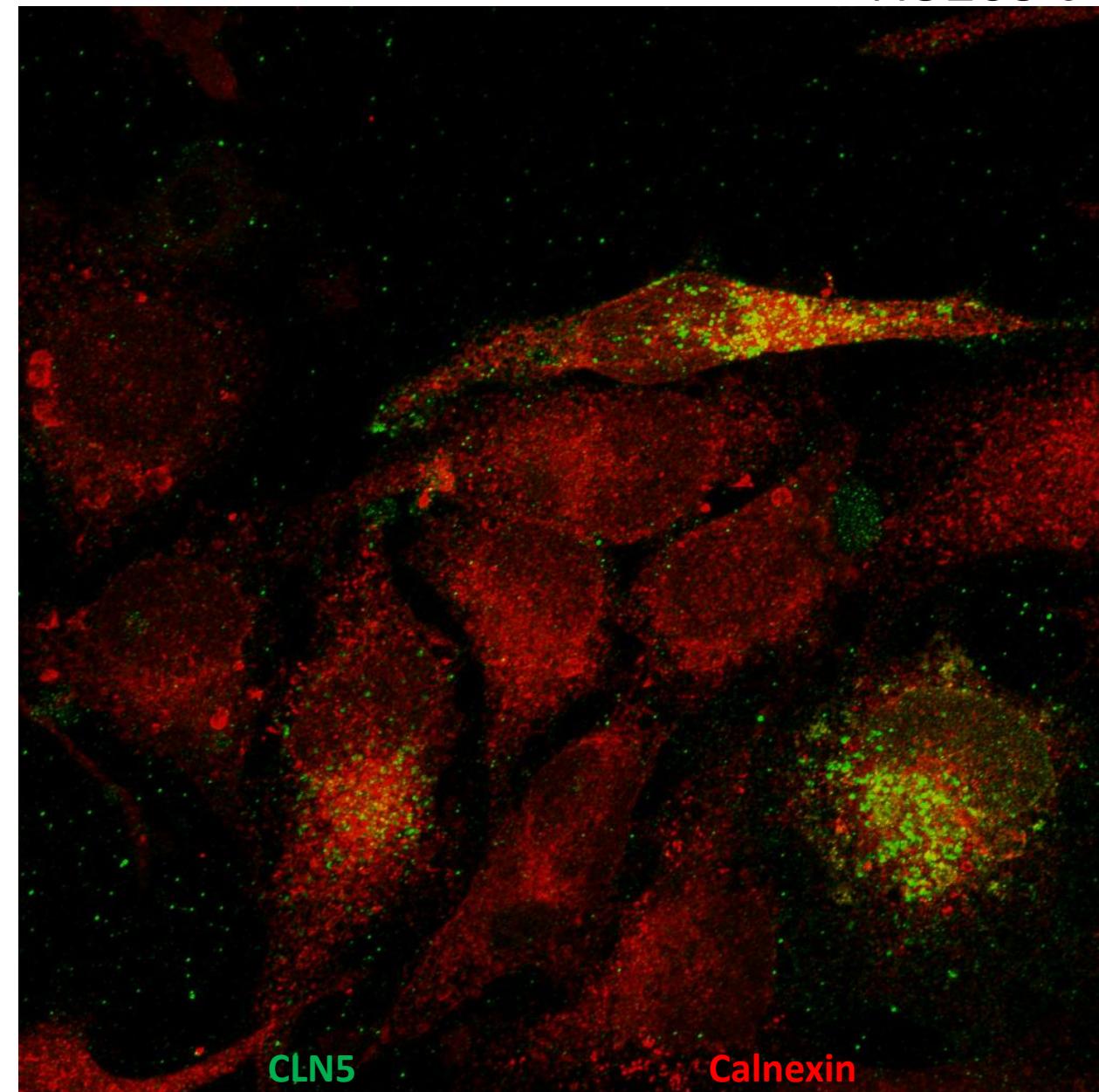
N320S CLN5 expression



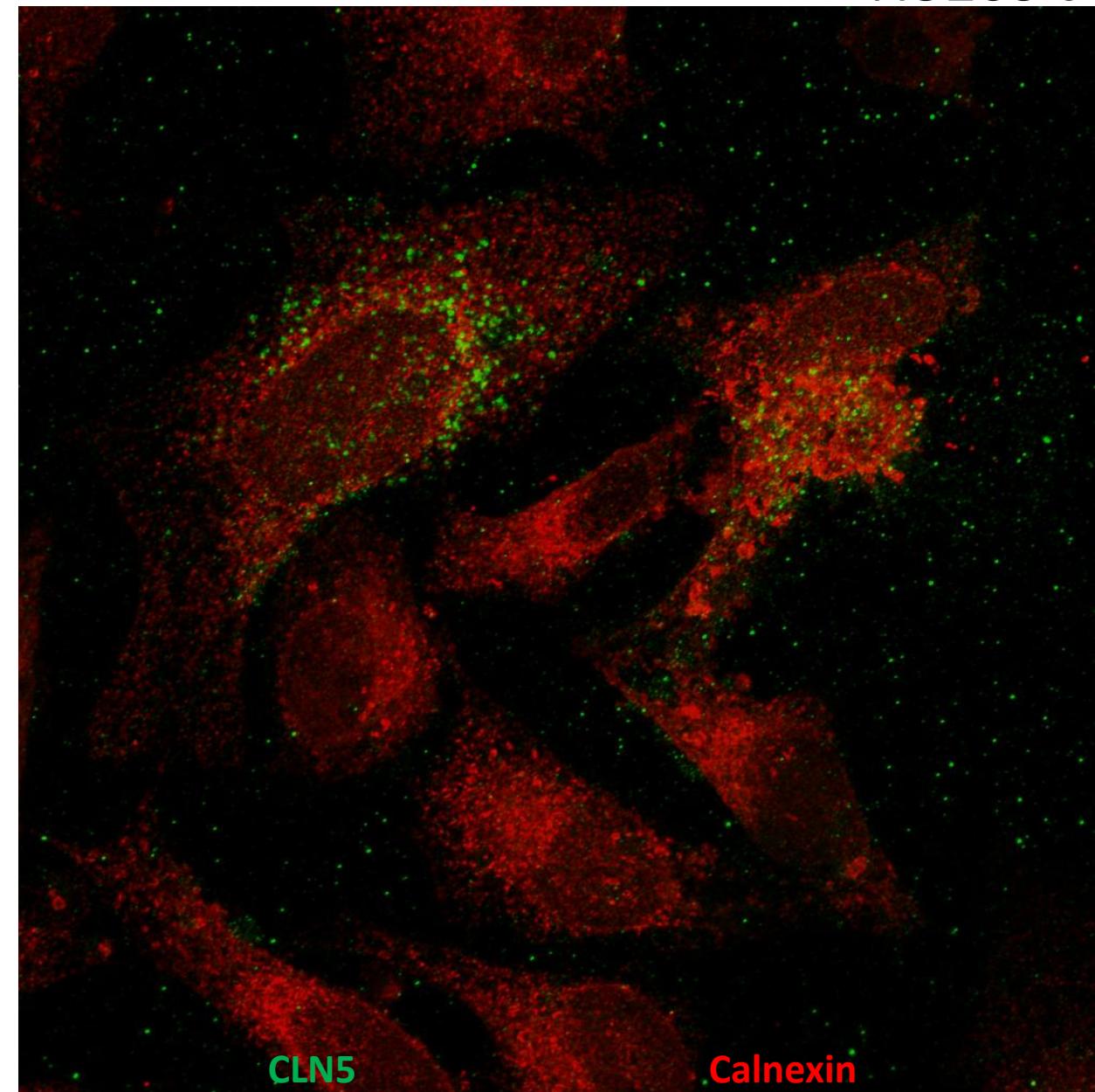
# N320S CLN5 expression



# N320S CLN5 expression

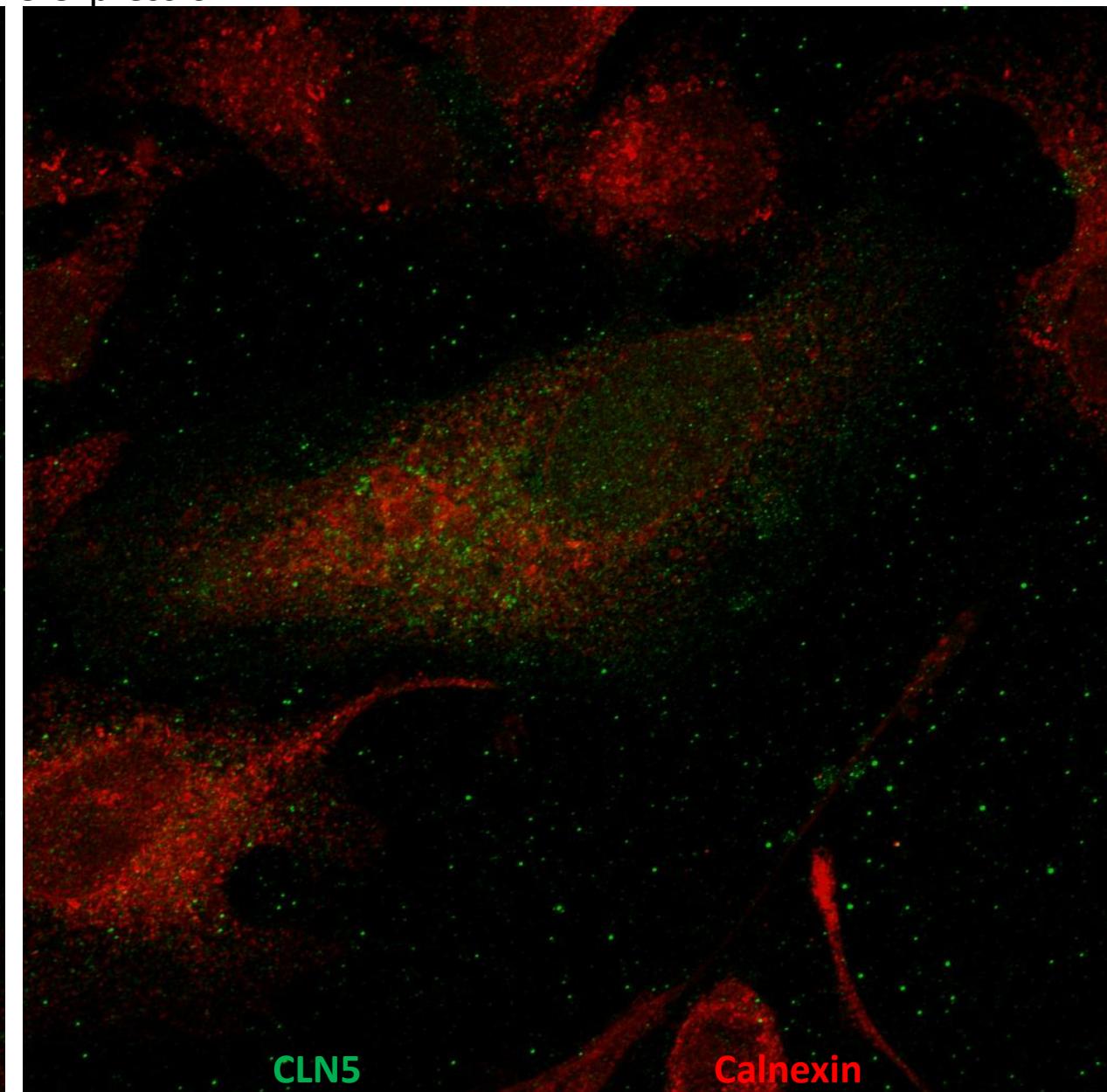


# N320S CLN5 expression



CLN5

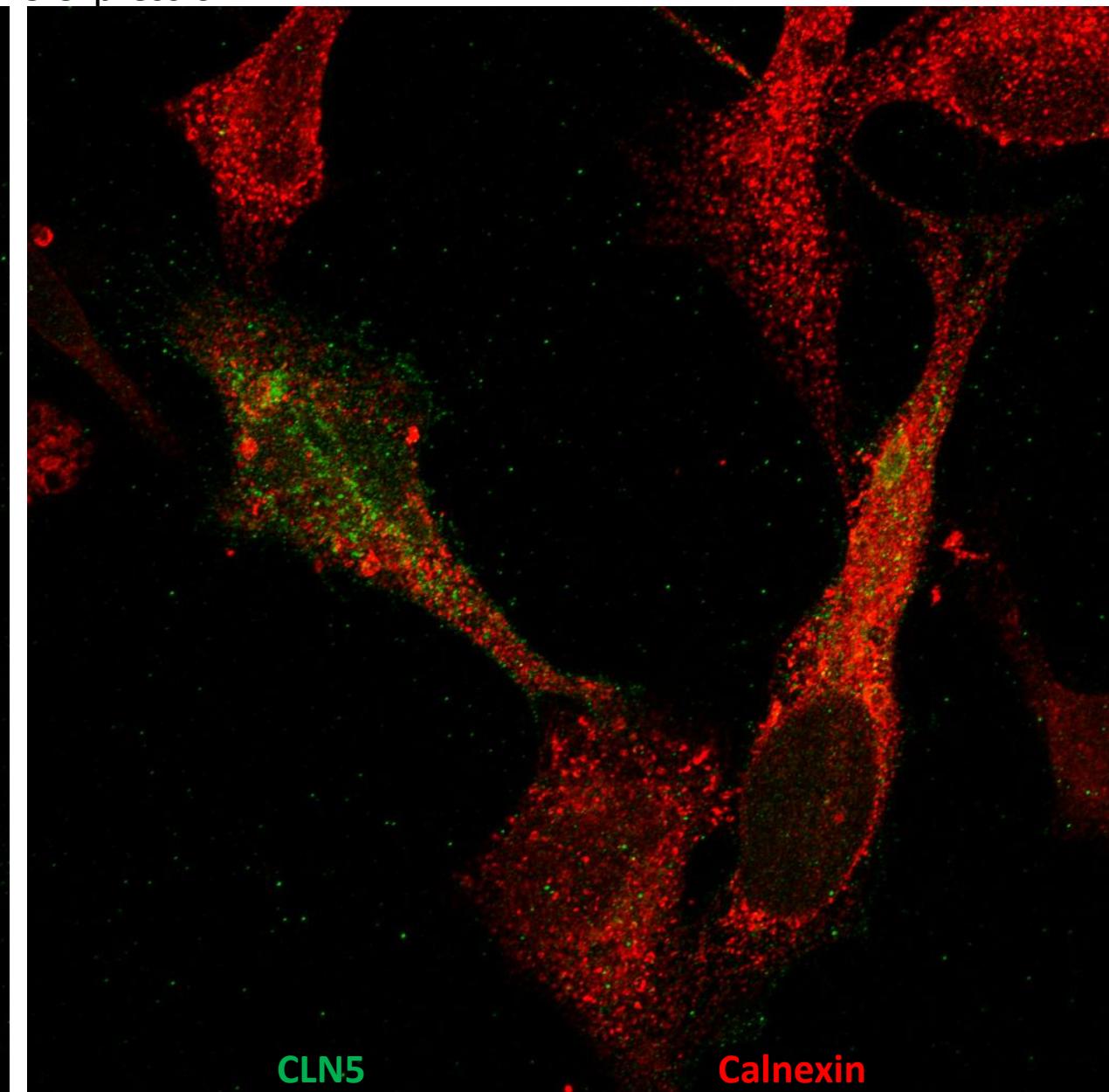
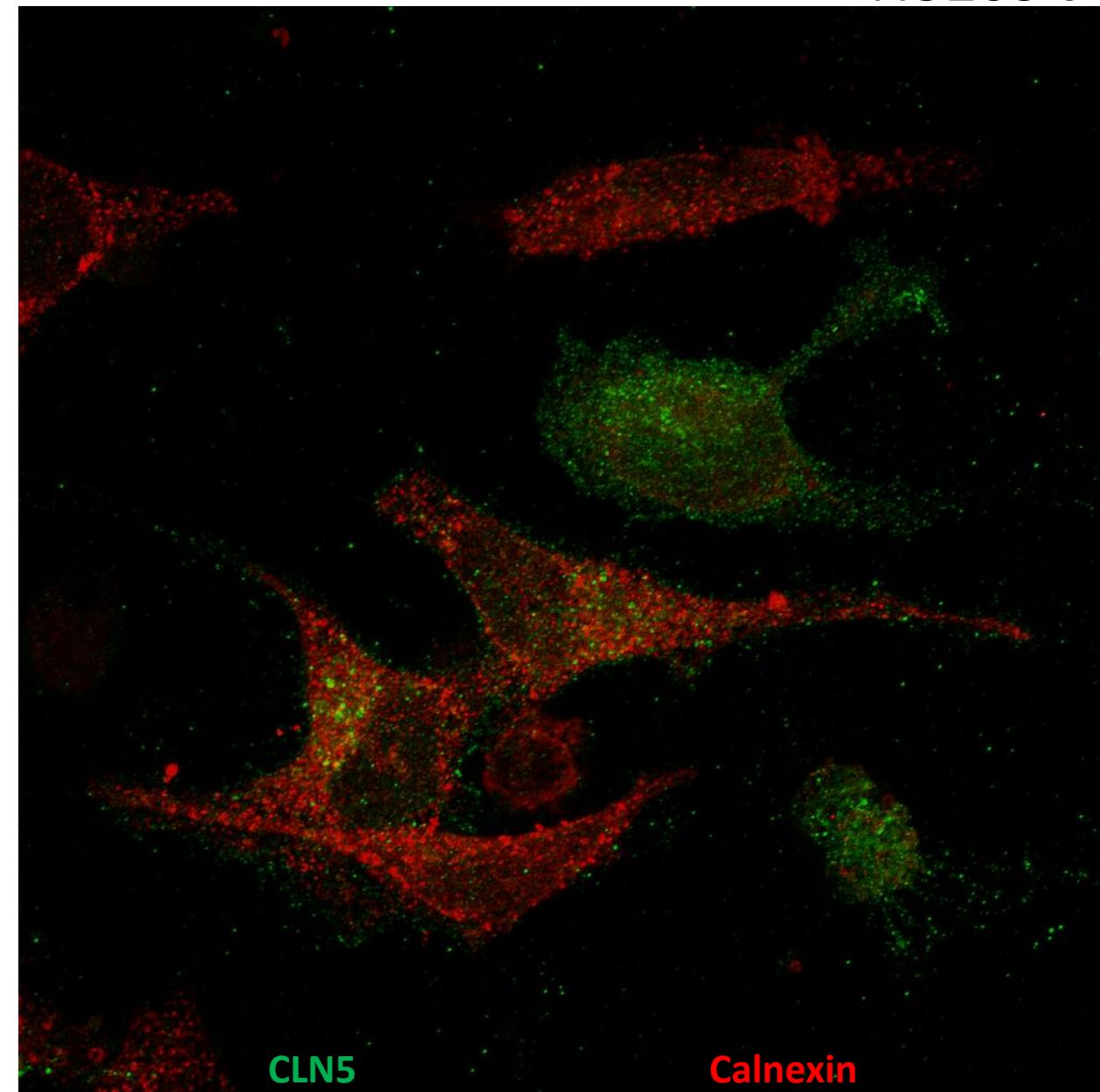
Calnexin



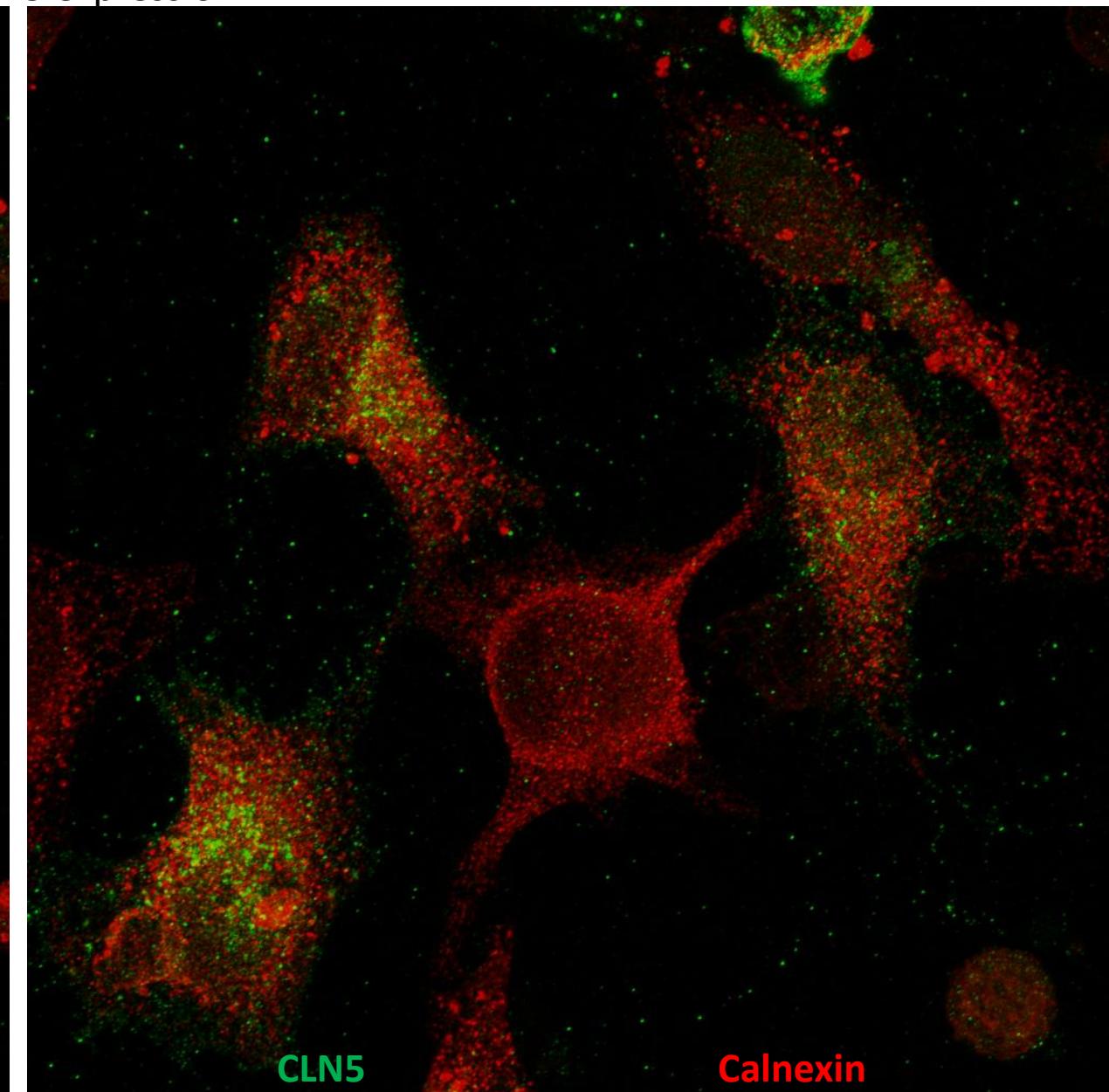
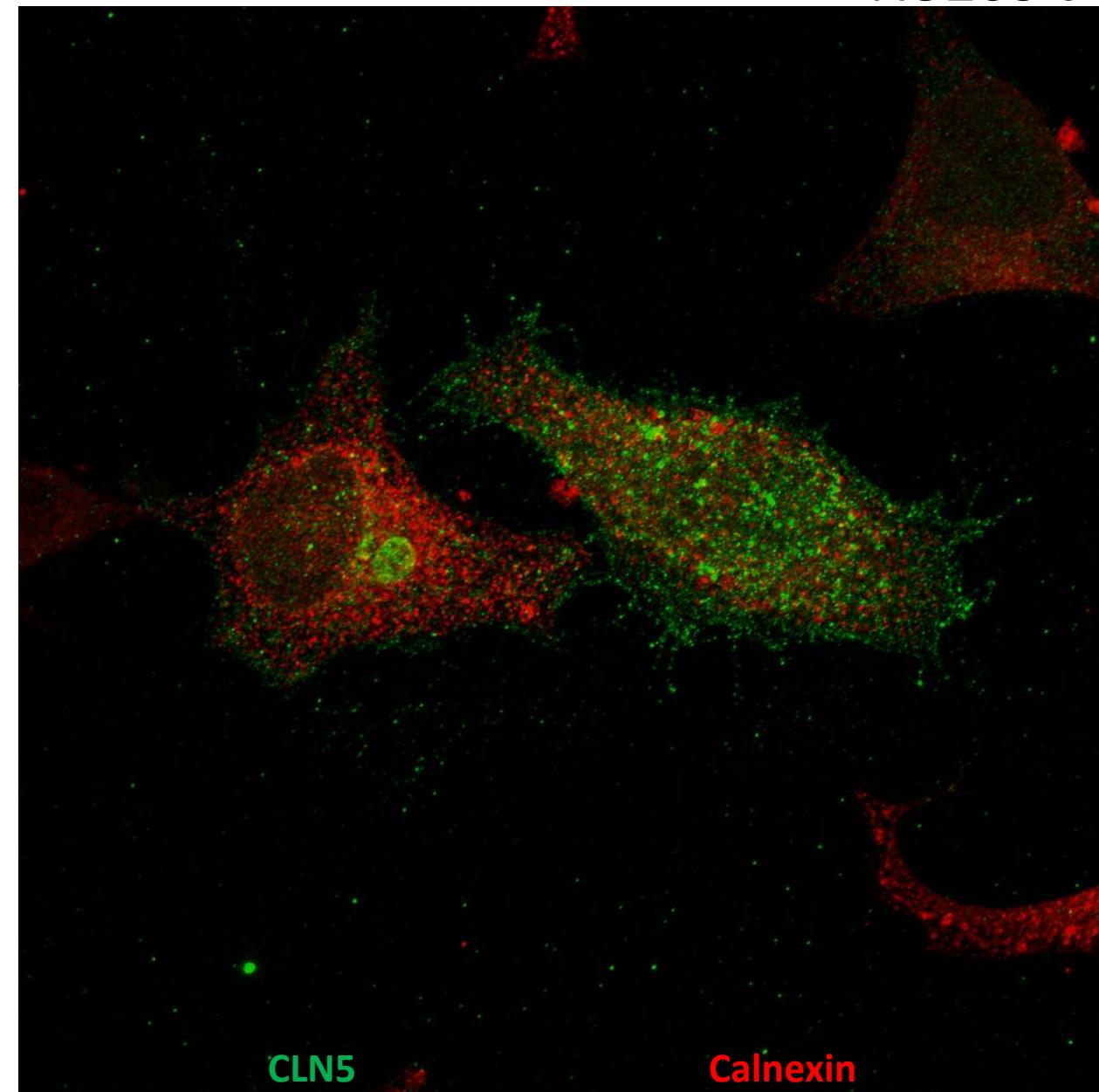
CLN5

Calnexin

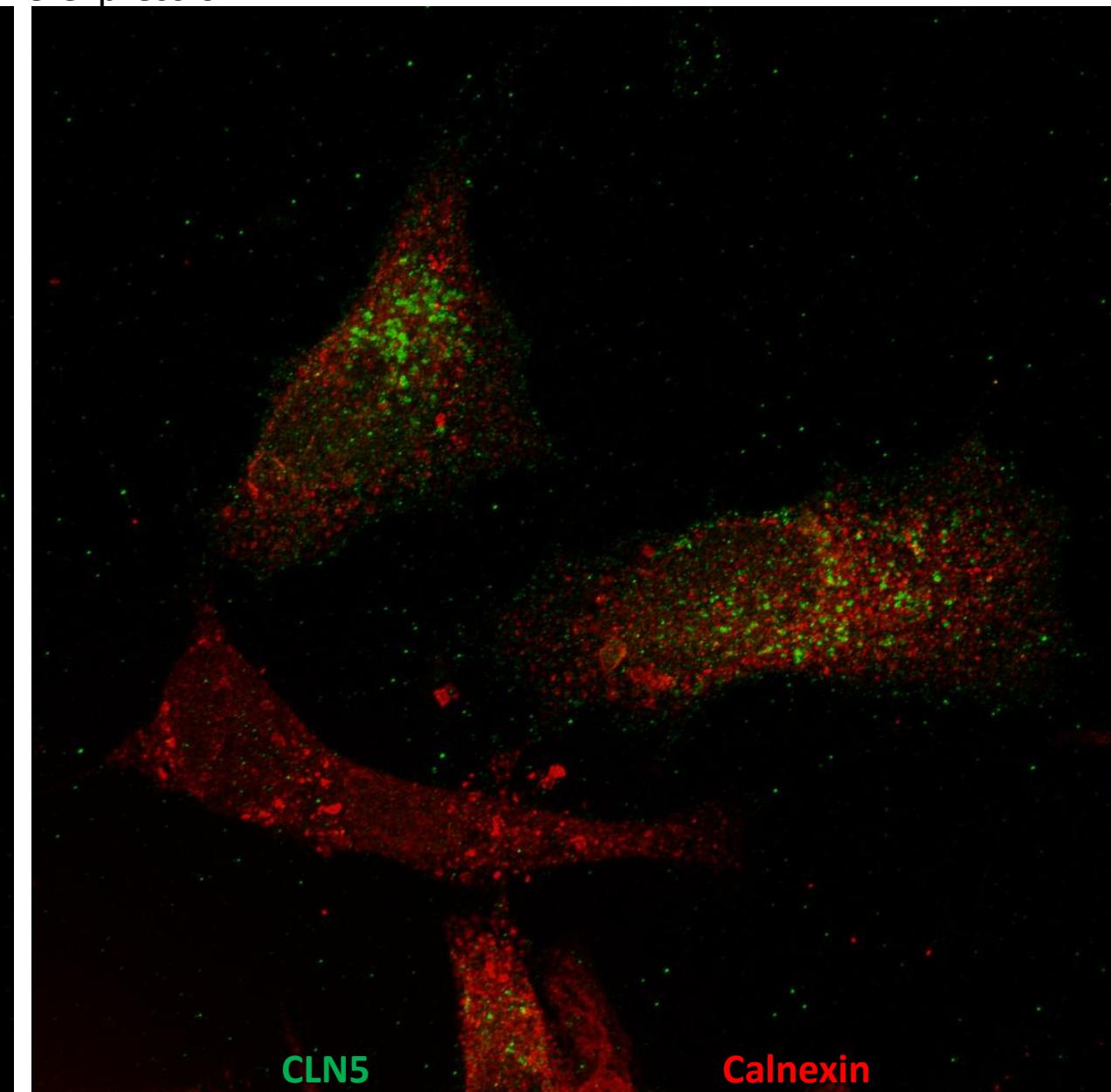
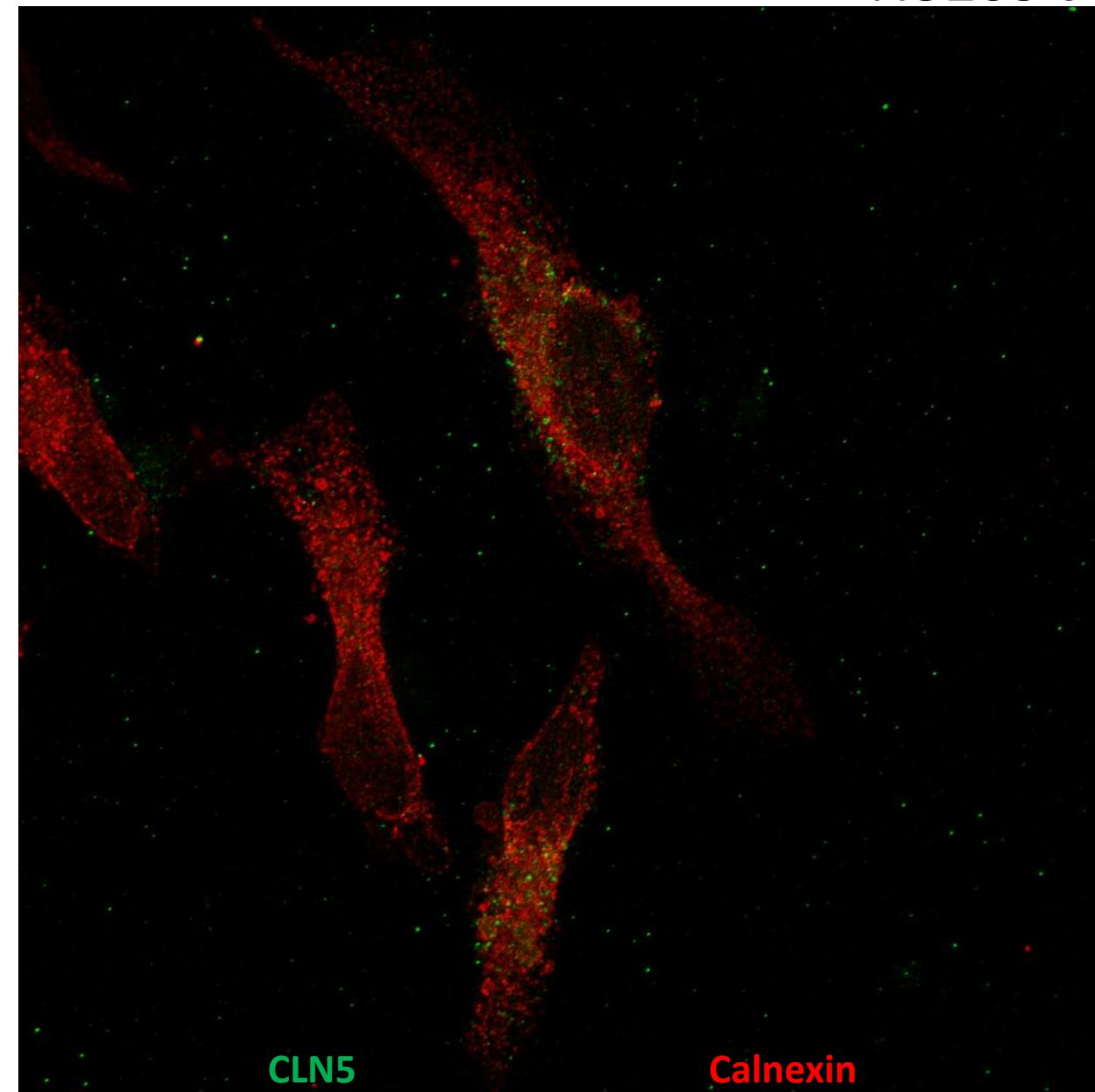
N320S CLN5 expression



# N320S CLN5 expression



# N320S CLN5 expression



# N320S CLN5 expression

