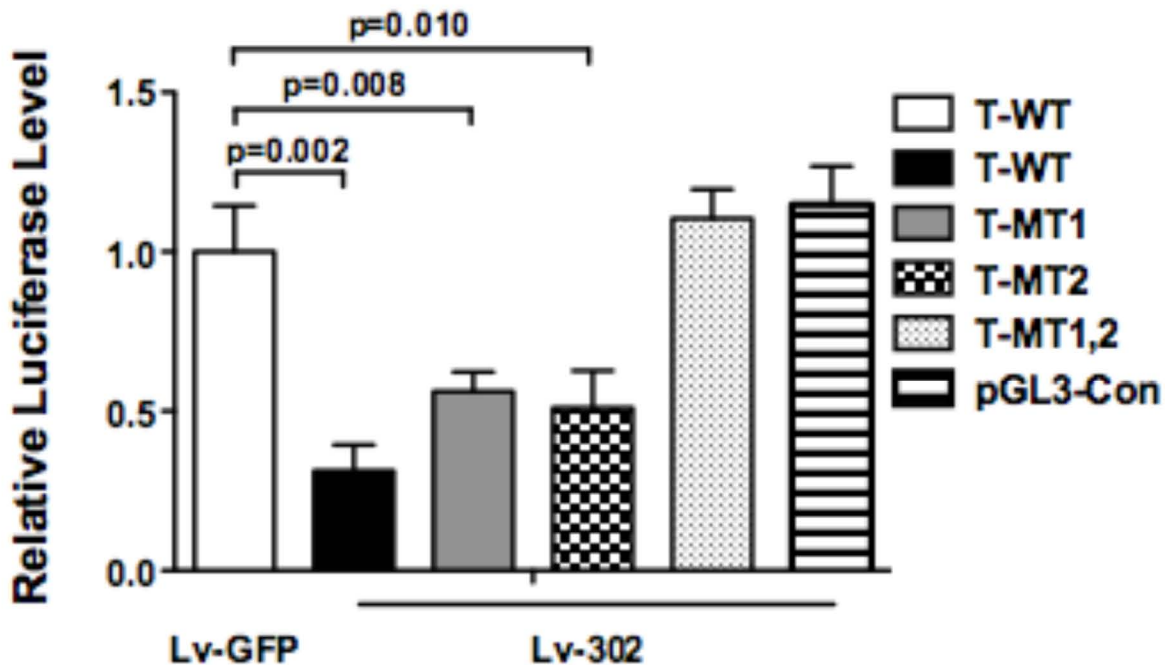
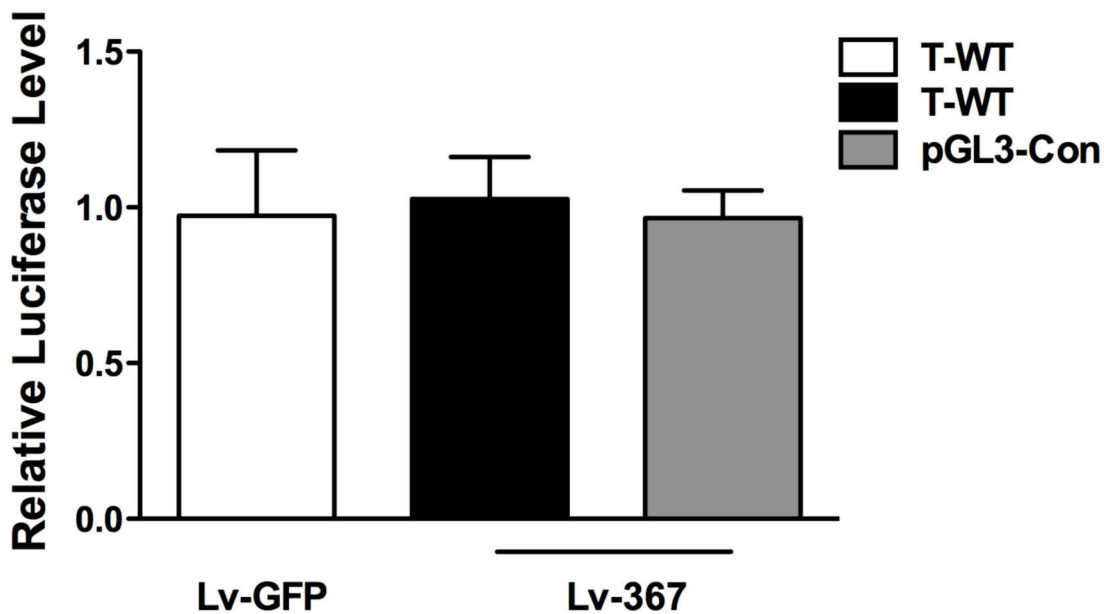
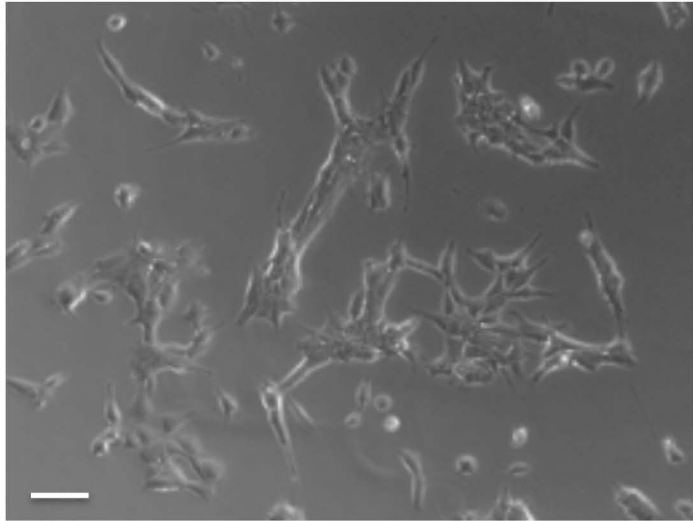
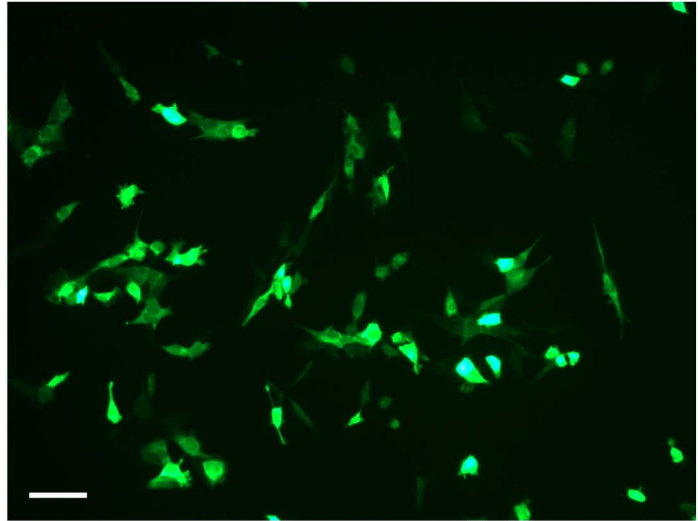


Figure S1

(A)**(B)****Figure S2**



Brightfield



GFP

Figure S3

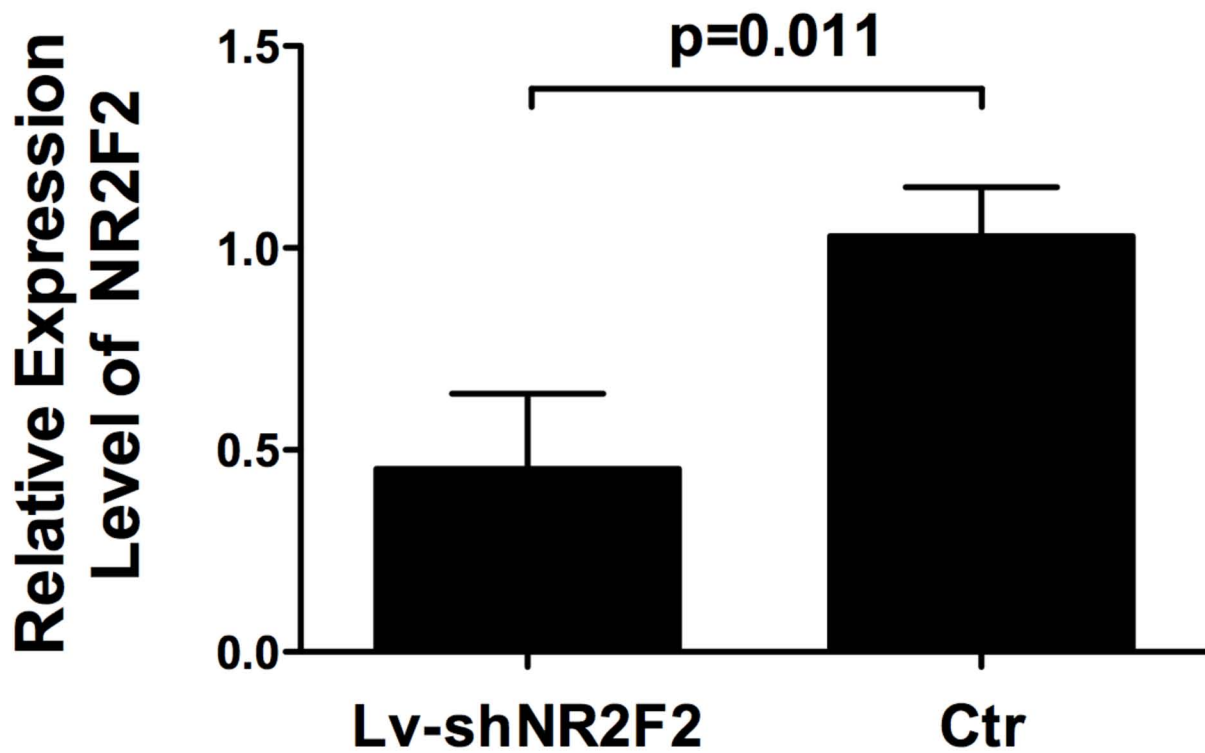
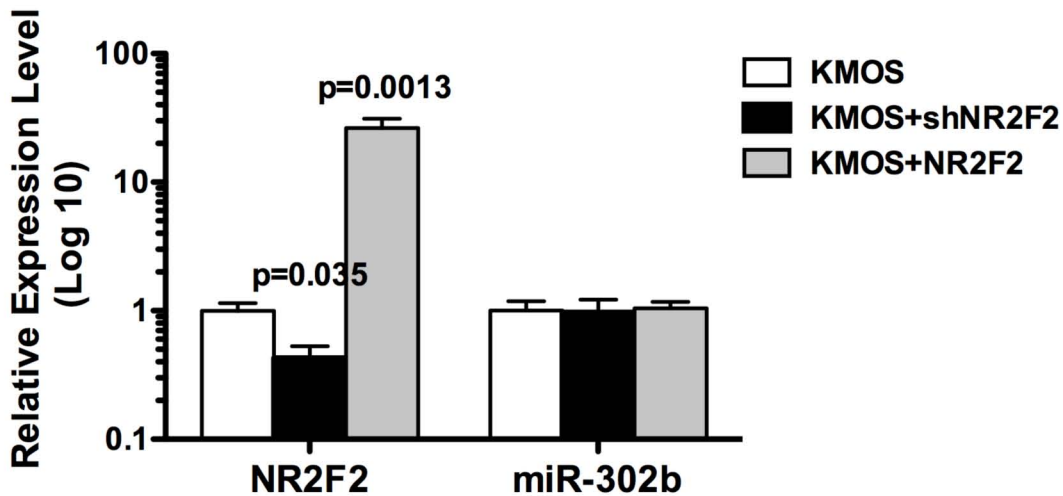


Figure S4

(A)



(B)

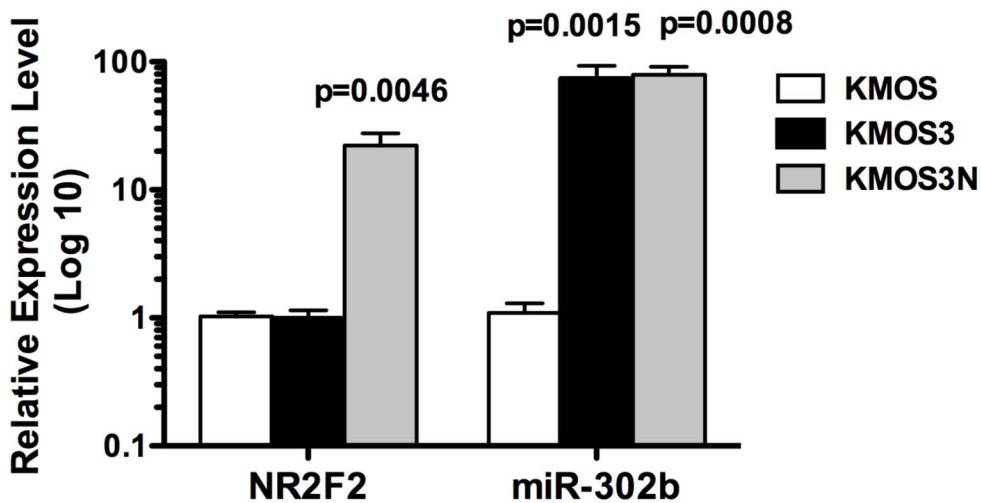
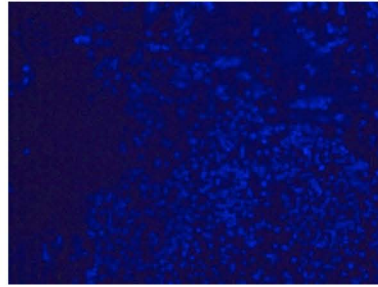
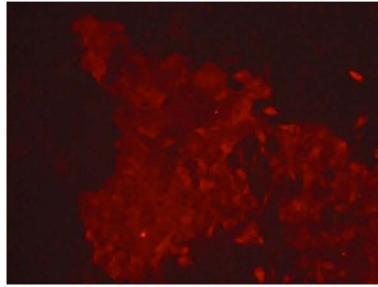
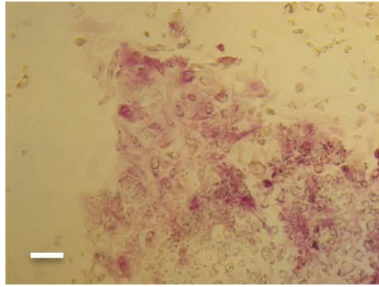
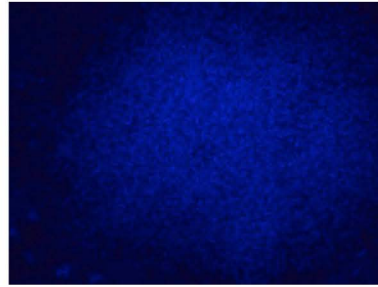
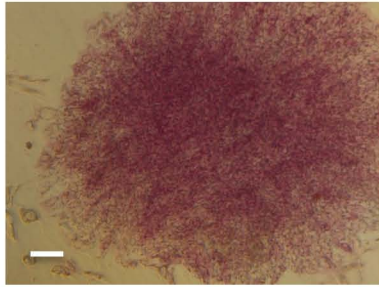
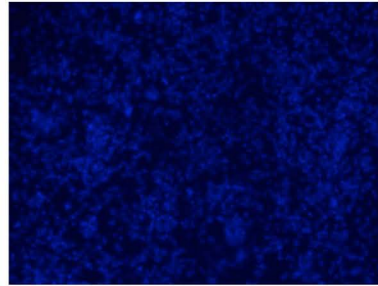
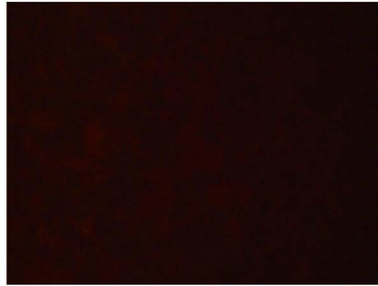
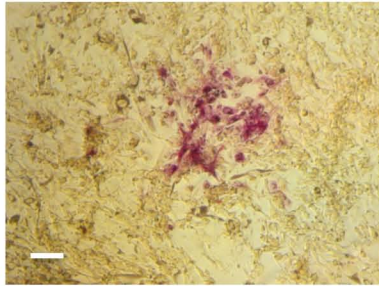
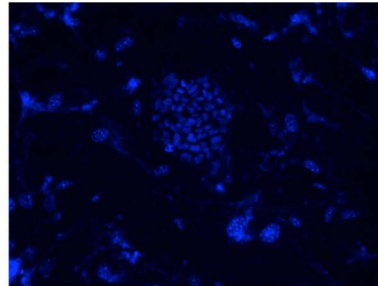
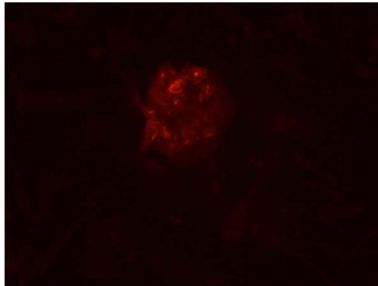
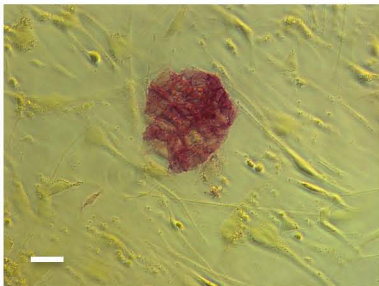


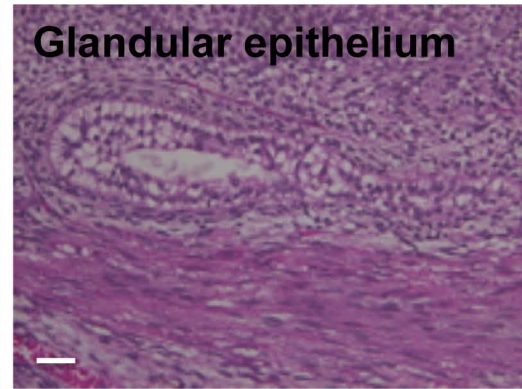
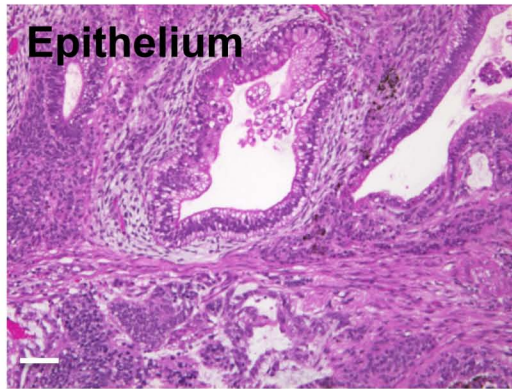
Figure S5

AKP**TRA-1-60****DAPI****AKP⁺**
TRA-1-60⁺
MORPHOLOGY⁻**AKP⁺**
TRA-1-60⁻
MORPHOLOGY⁺**AKP⁺**
TRA-1-60⁻
MORPHOLOGY⁻**AKP⁺**
TRA-1-60⁺
MORPHOLOGY⁺**Figure S6**

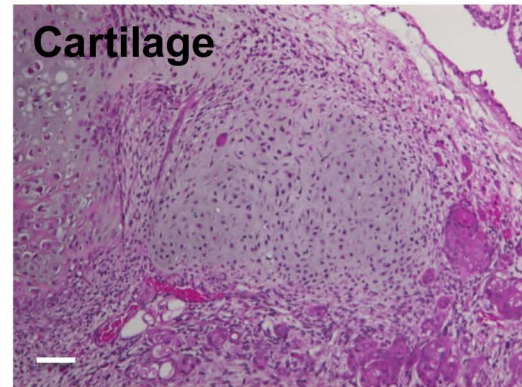
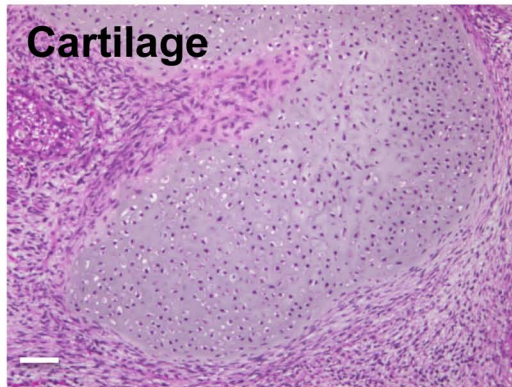
KMOS

KMOS3

Endoderm



Mesoderm



Ectoderm

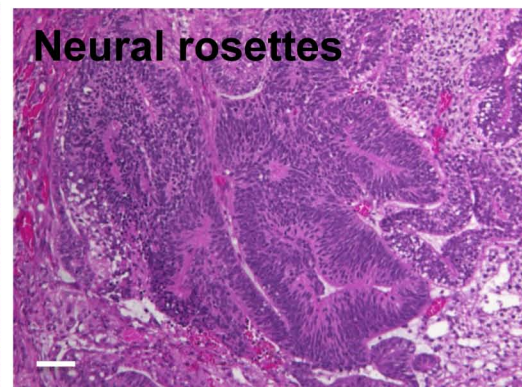
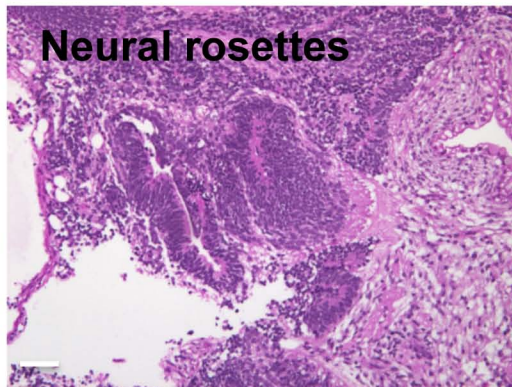


Figure S7

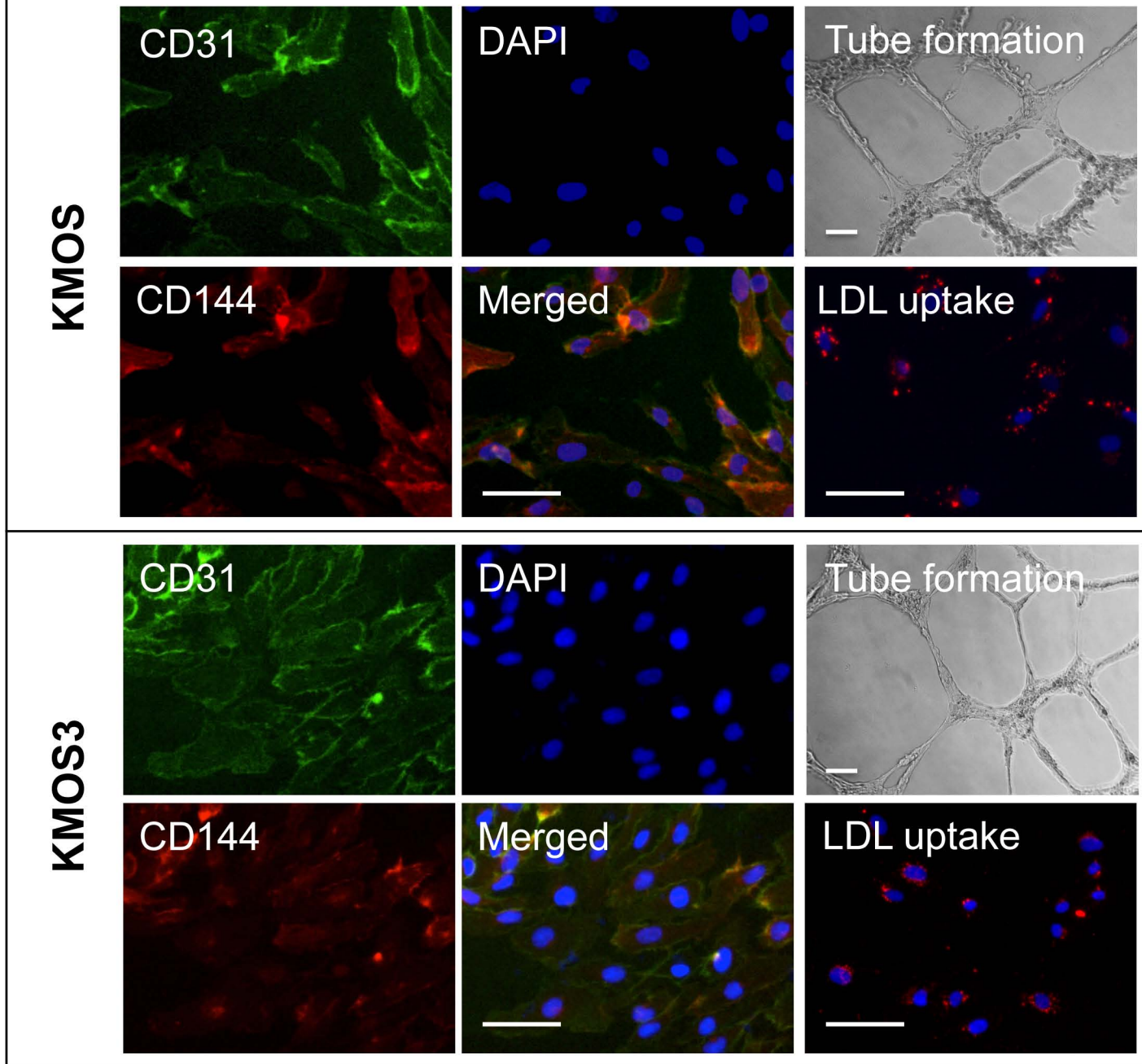


Figure S8

KMOS

KMOS3

TNNT2

TNNT2

MEF2C

MEF2C

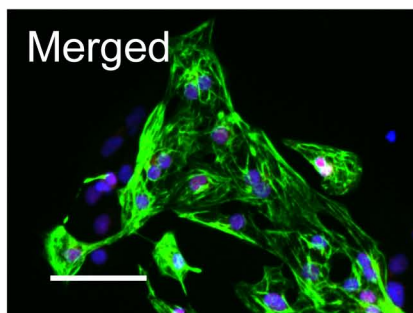
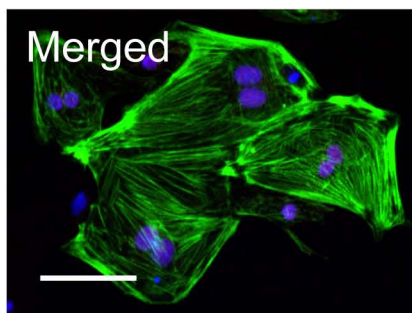
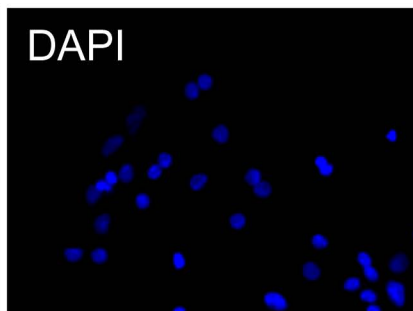
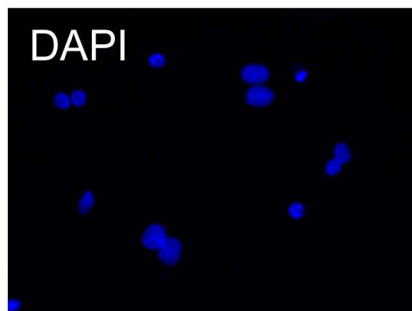
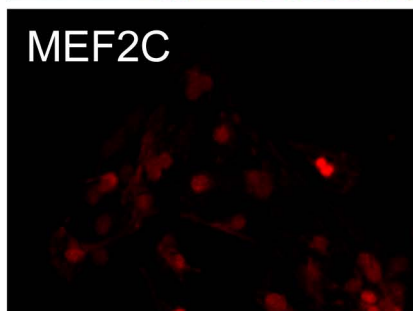
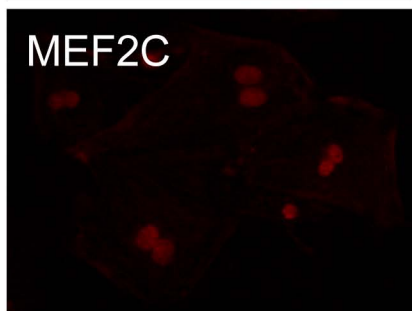
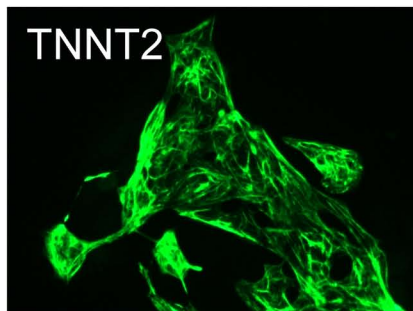
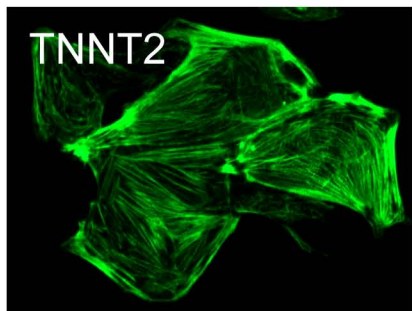
DAPI

DAPI

Merged

Merged

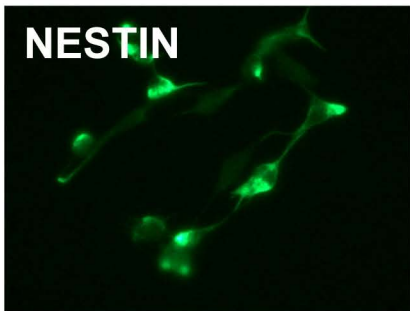
Figure S9



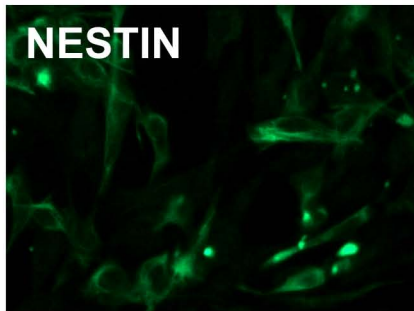
KMOS

KMOS3

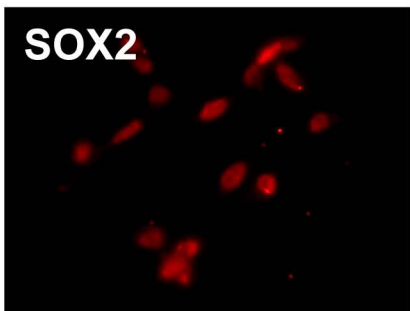
NESTIN



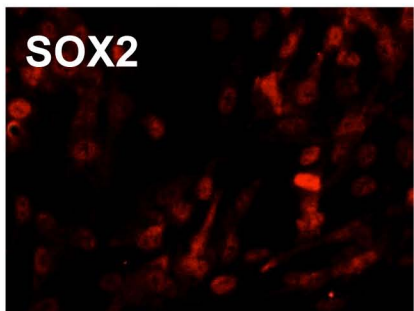
NESTIN



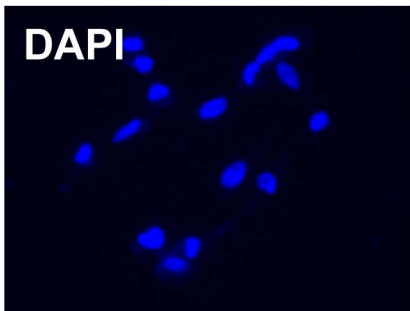
SOX2



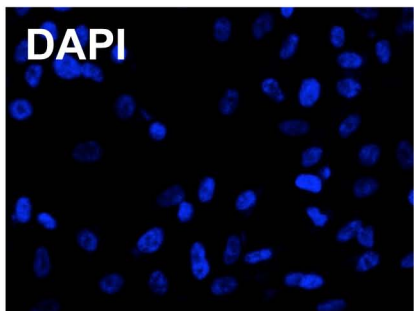
SOX2



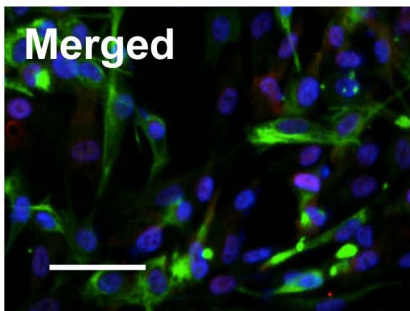
DAPI



DAPI



Merged



Merged

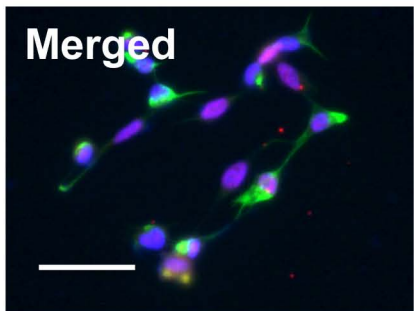


Figure S10

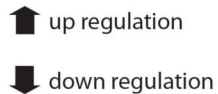
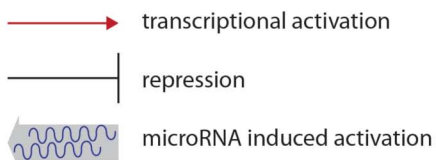
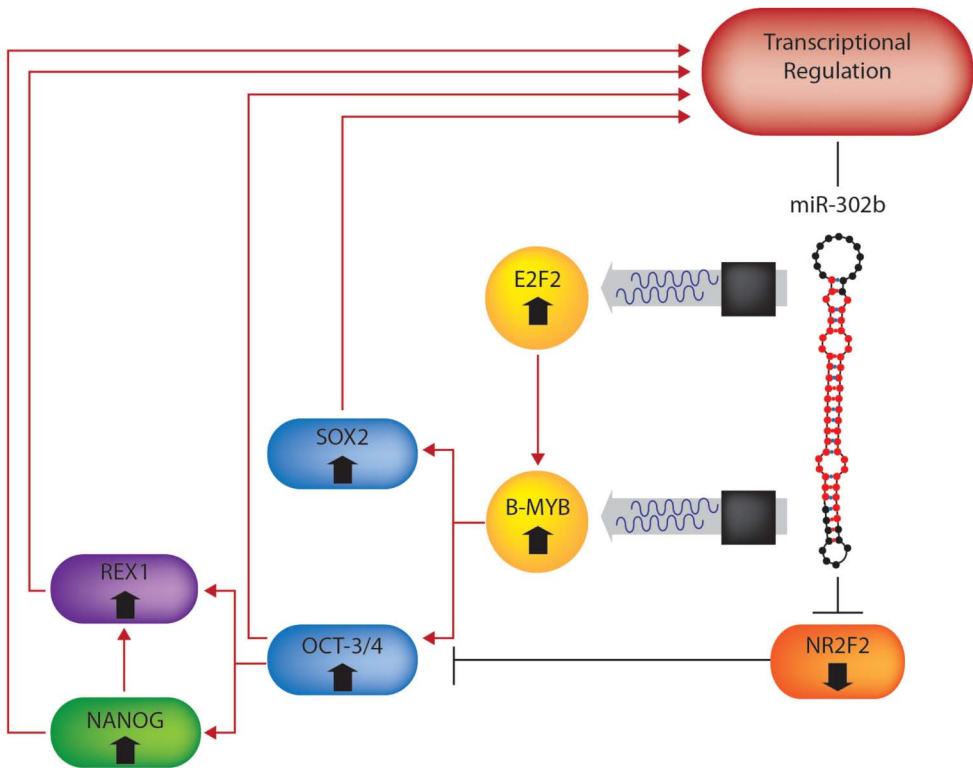


Figure S11

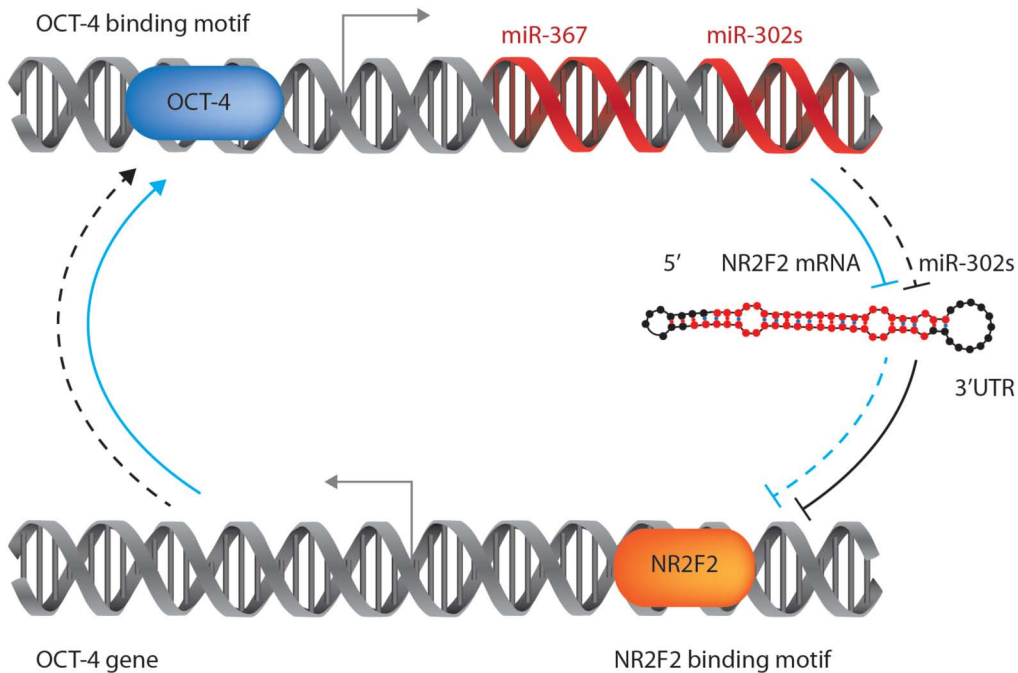


Figure S12