

FIG. 1

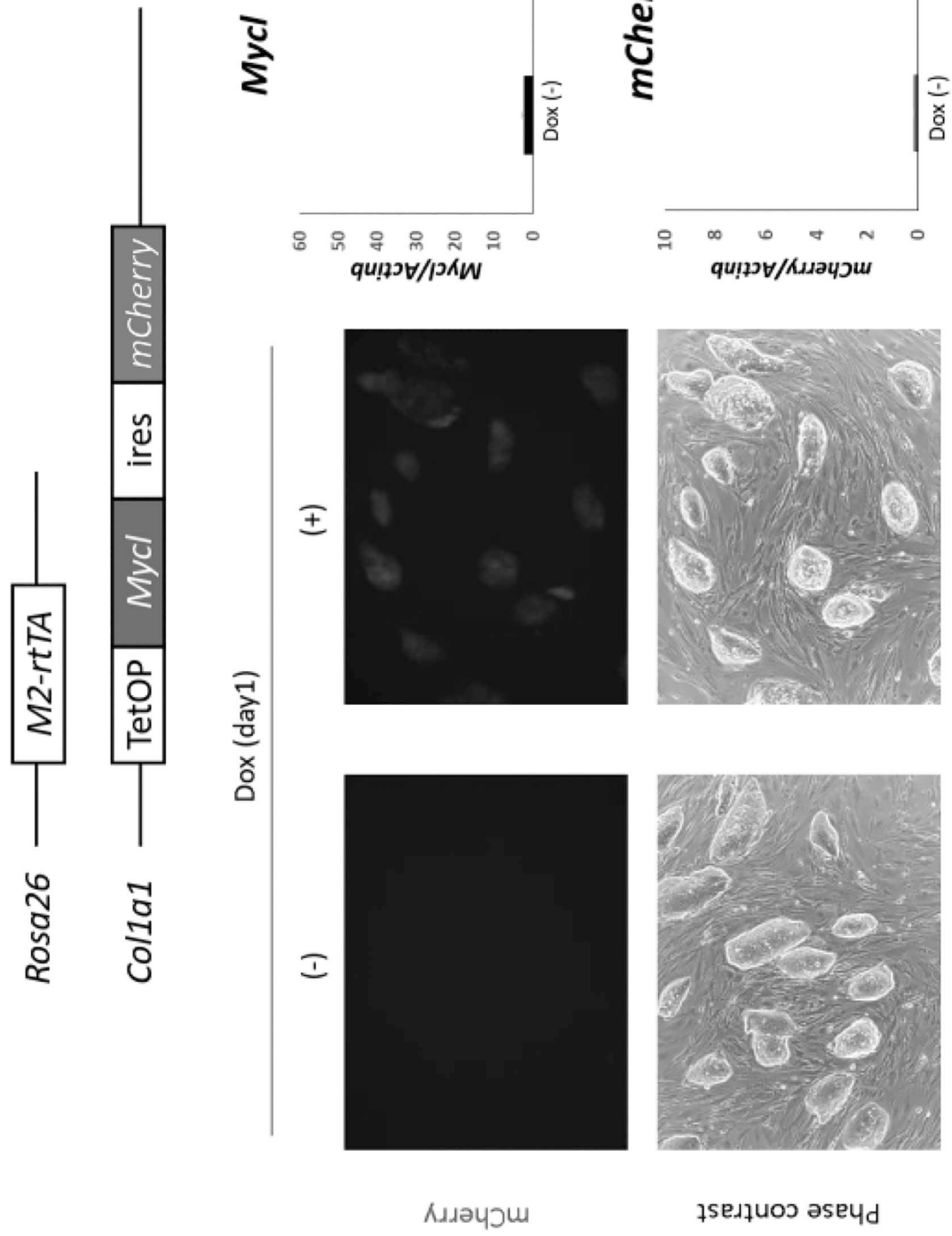


FIG. 2

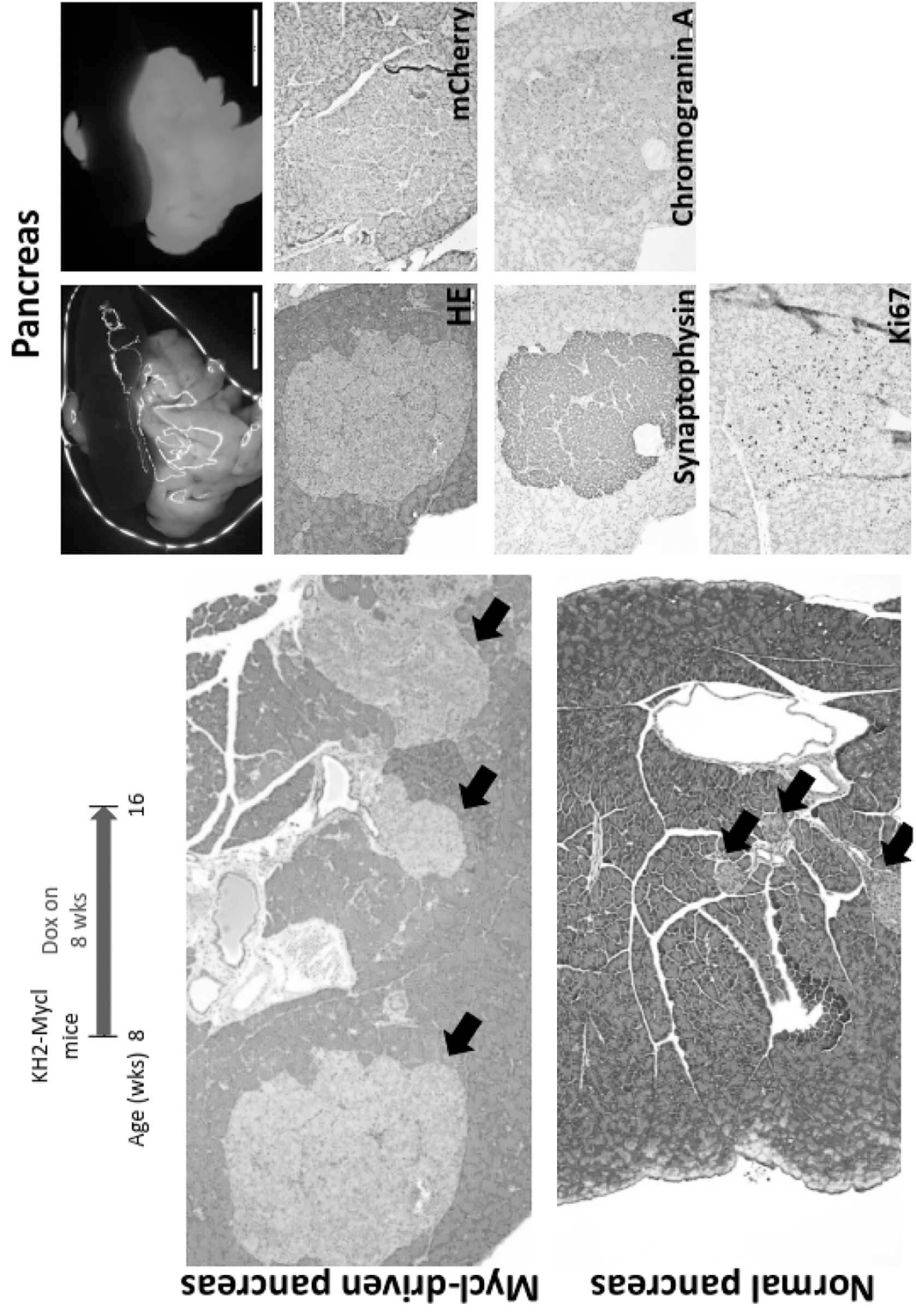


FIG. 3

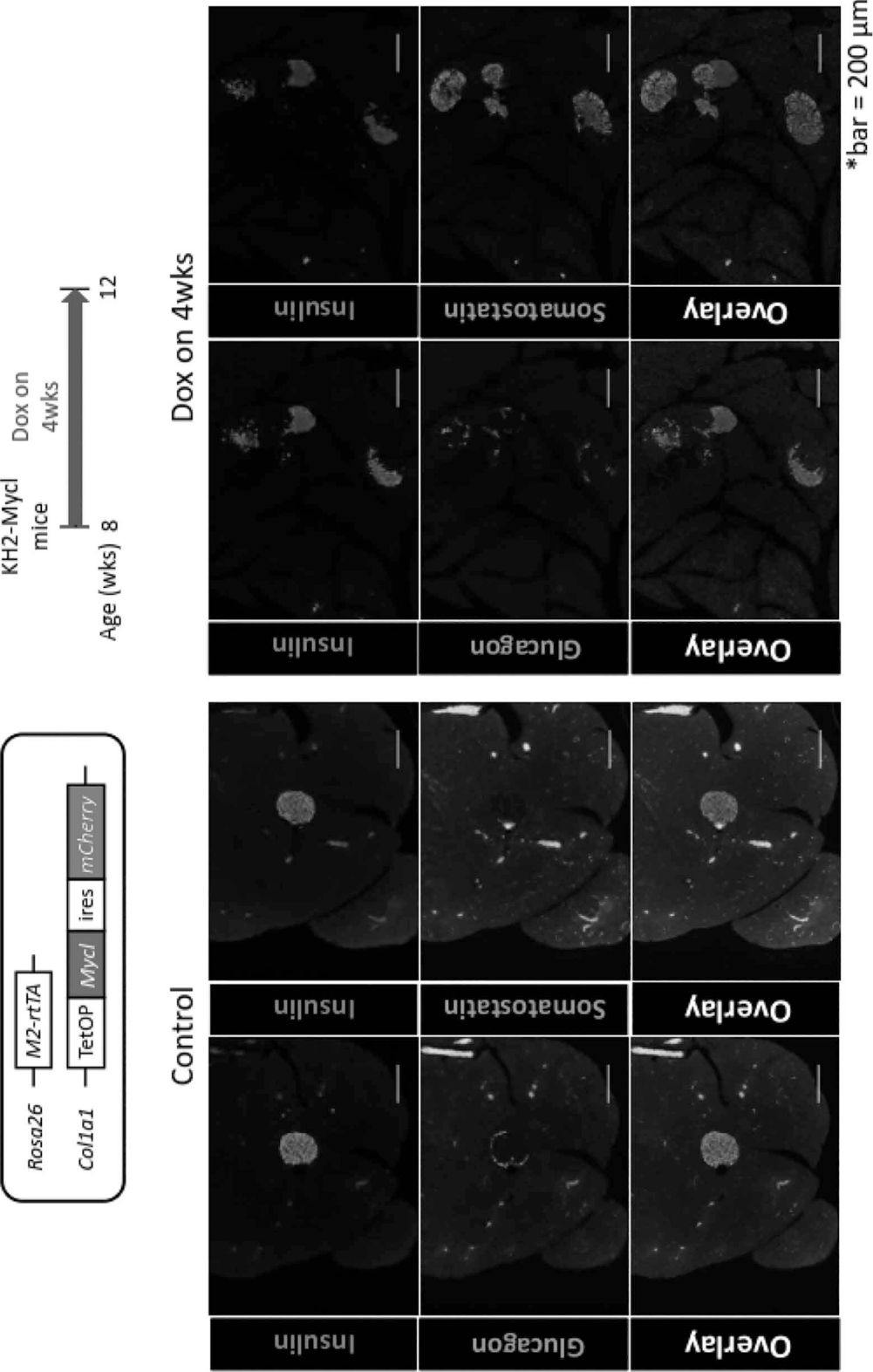


FIG. 4

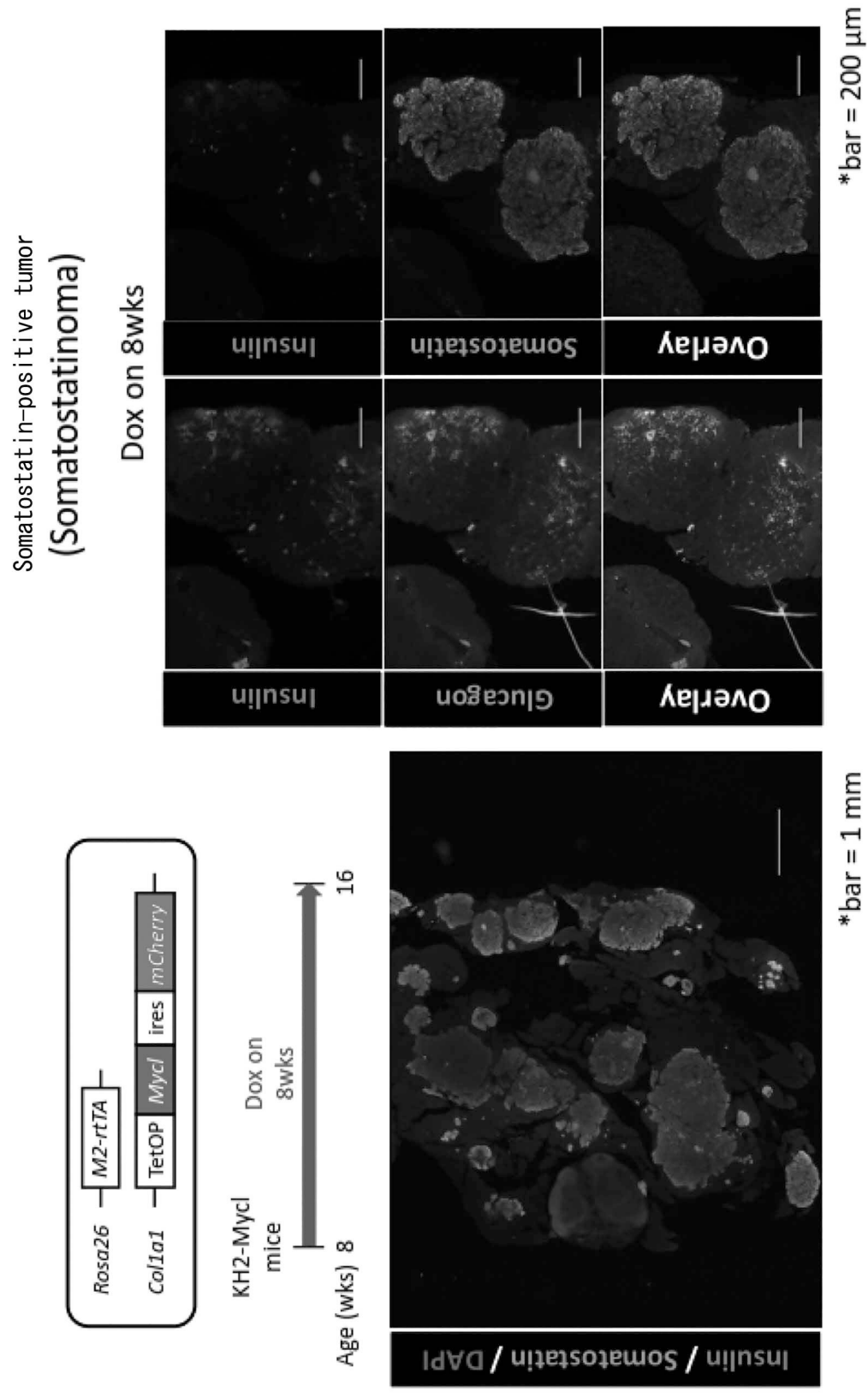


FIG. 5

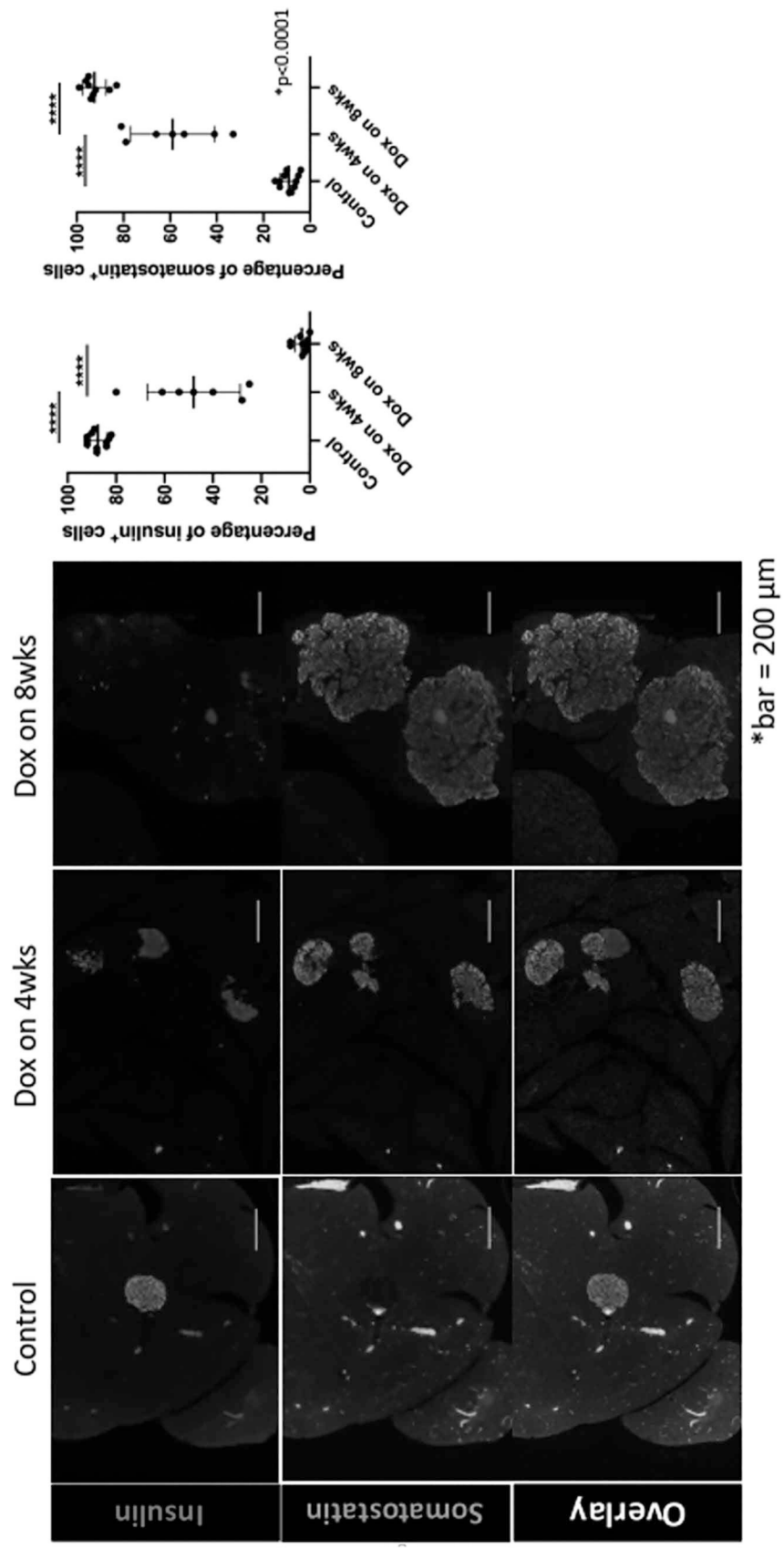
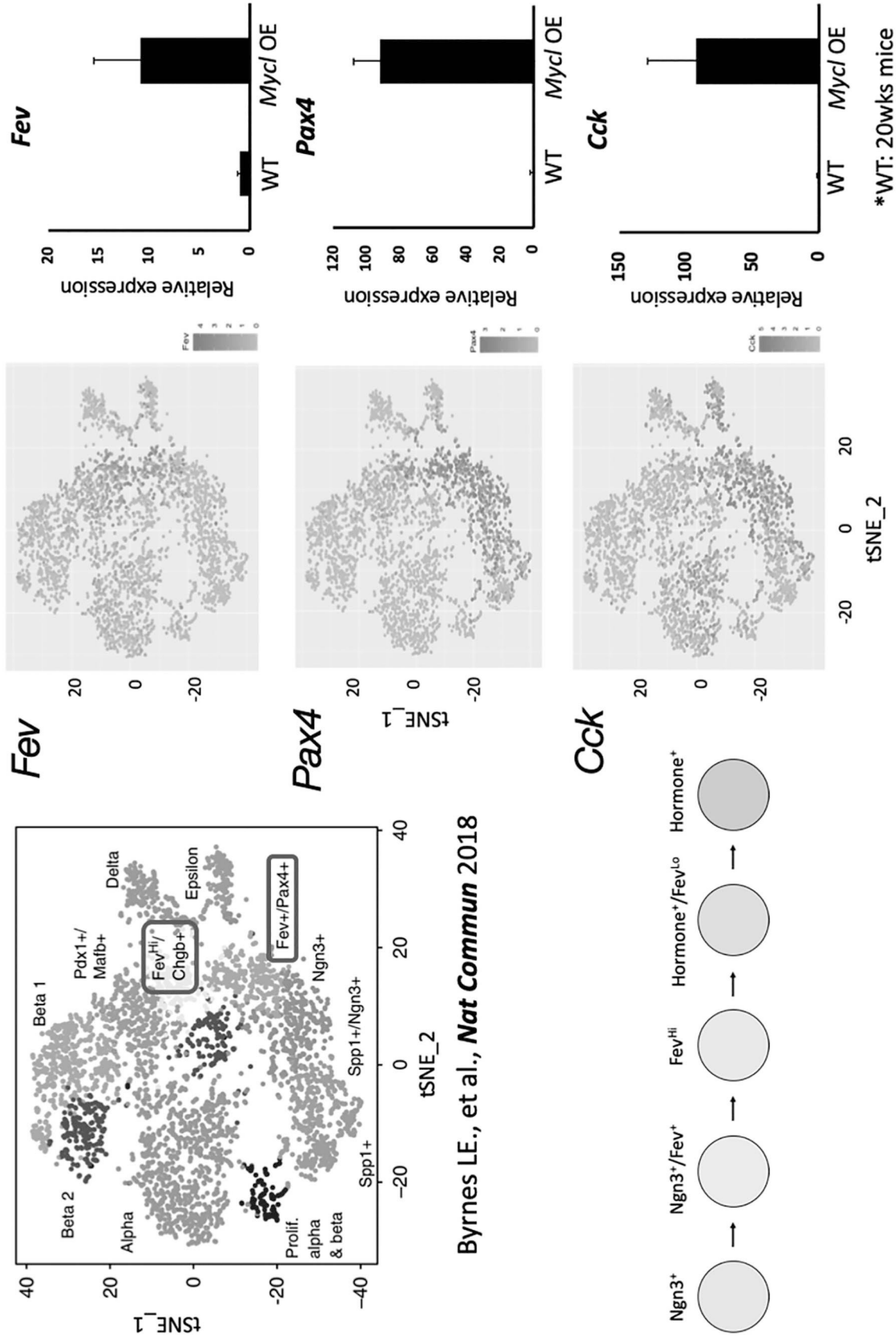


FIG. 6



Byrnes LE., et al., *Nat Commun* 2018

FIG. 7

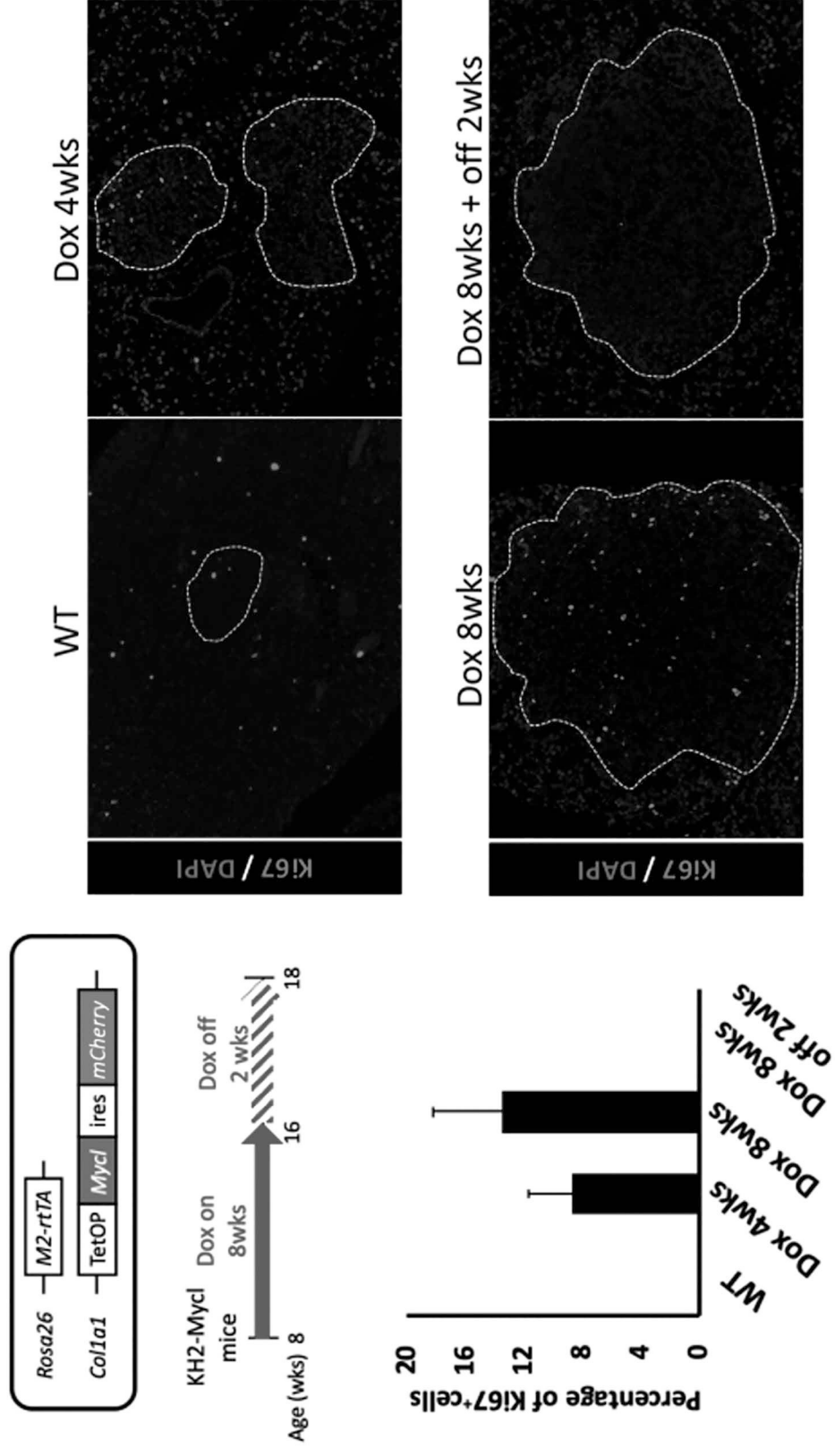


FIG. 8

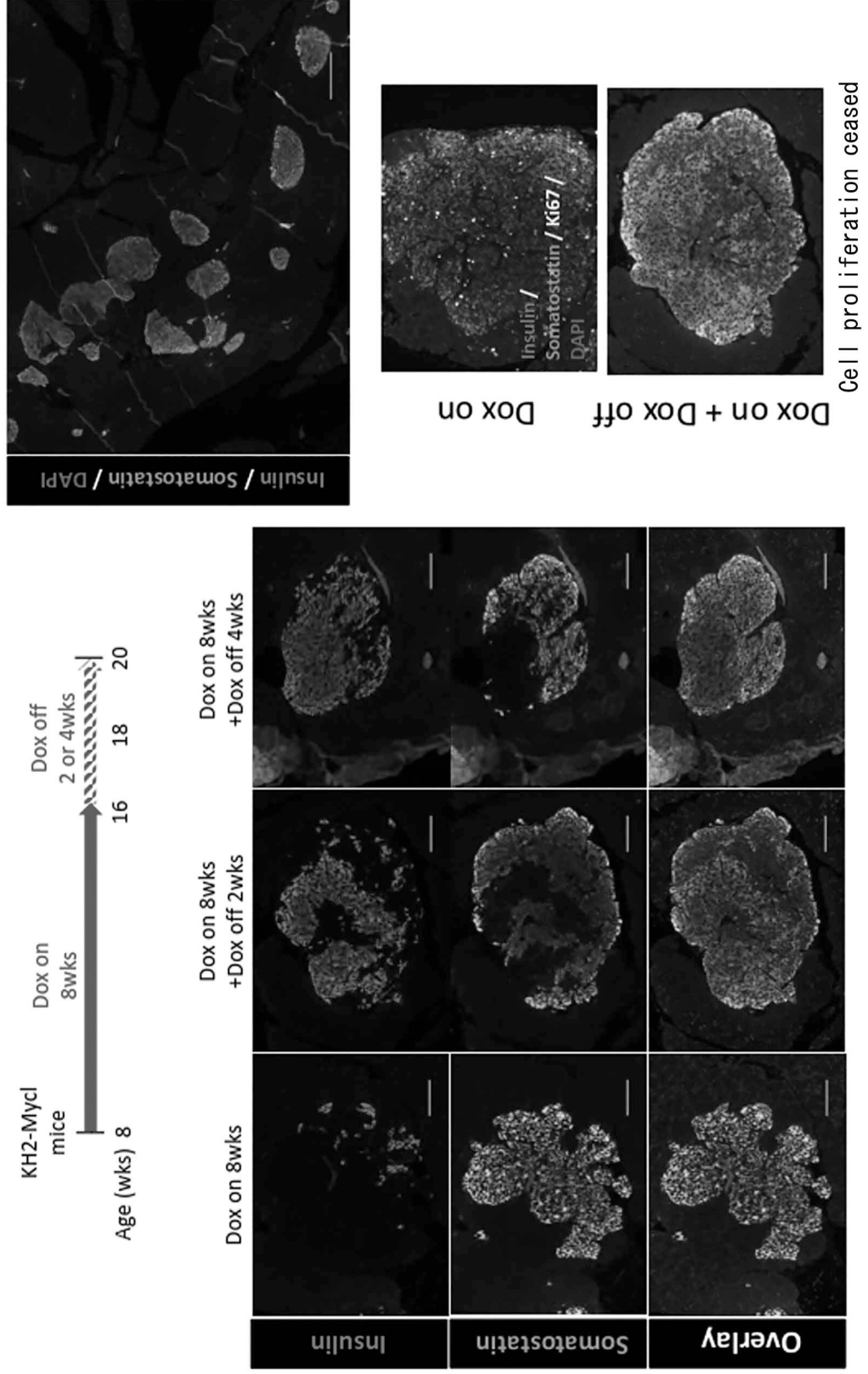


FIG. 9

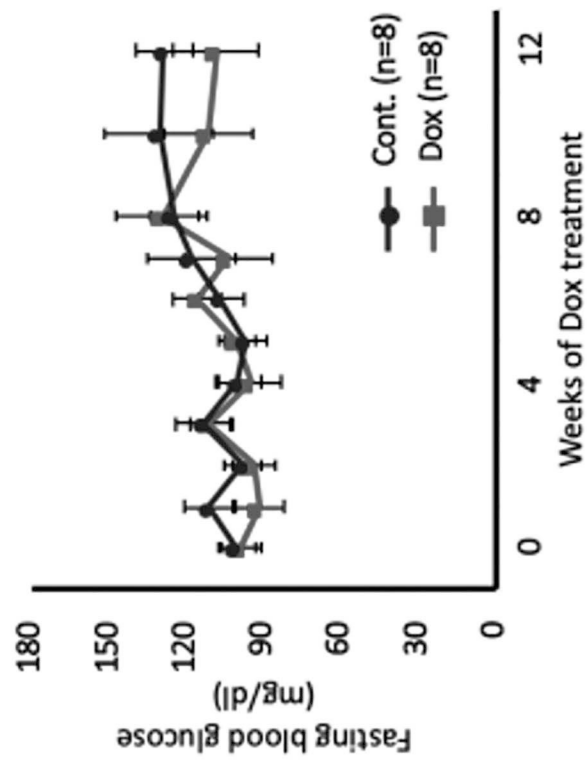
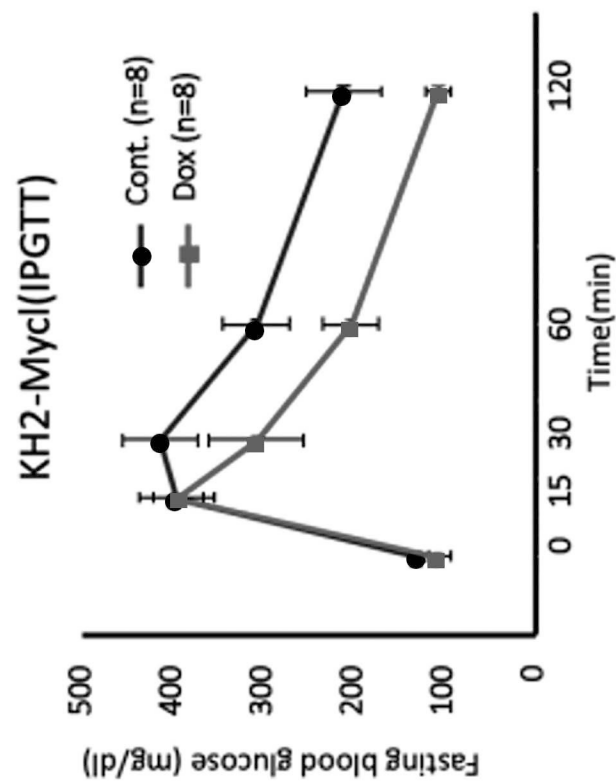
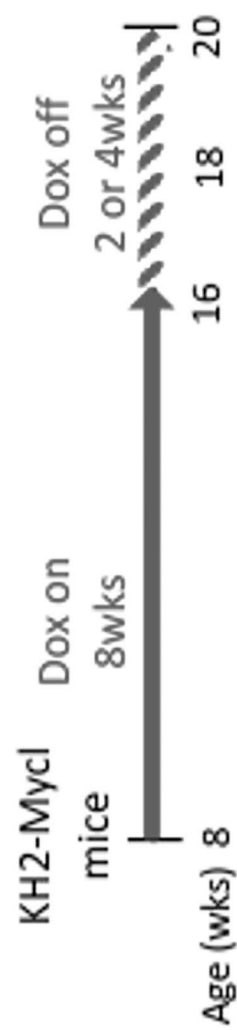


FIG. 10

Pancreatic islet isolation $\rightarrow$ *Mycl* expression induction

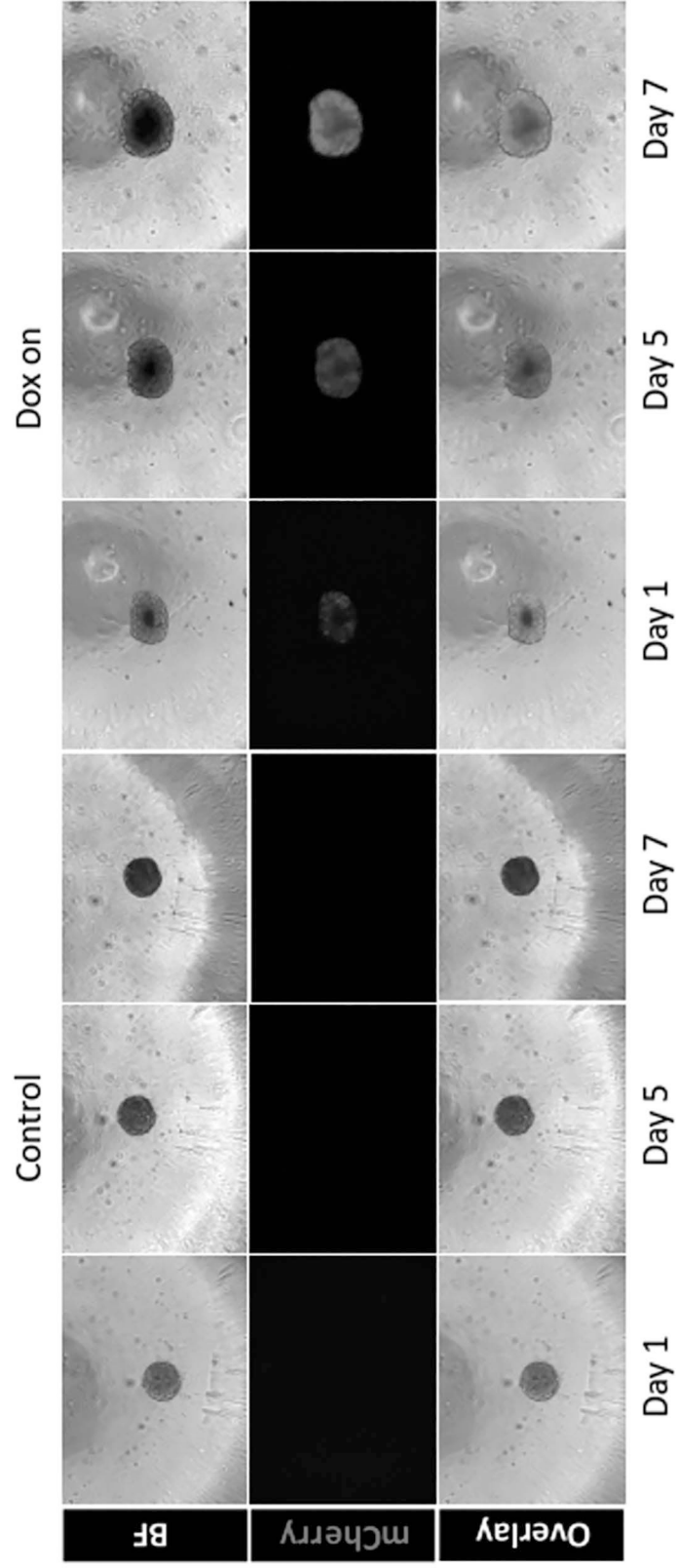
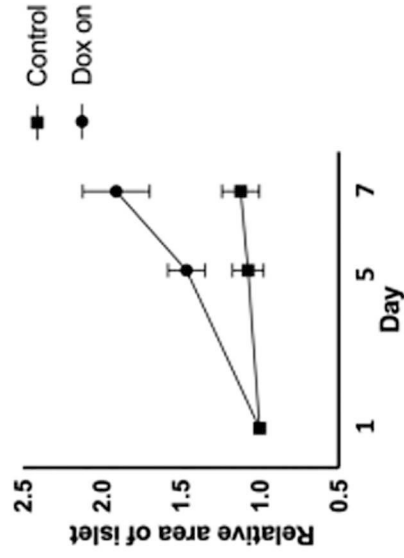
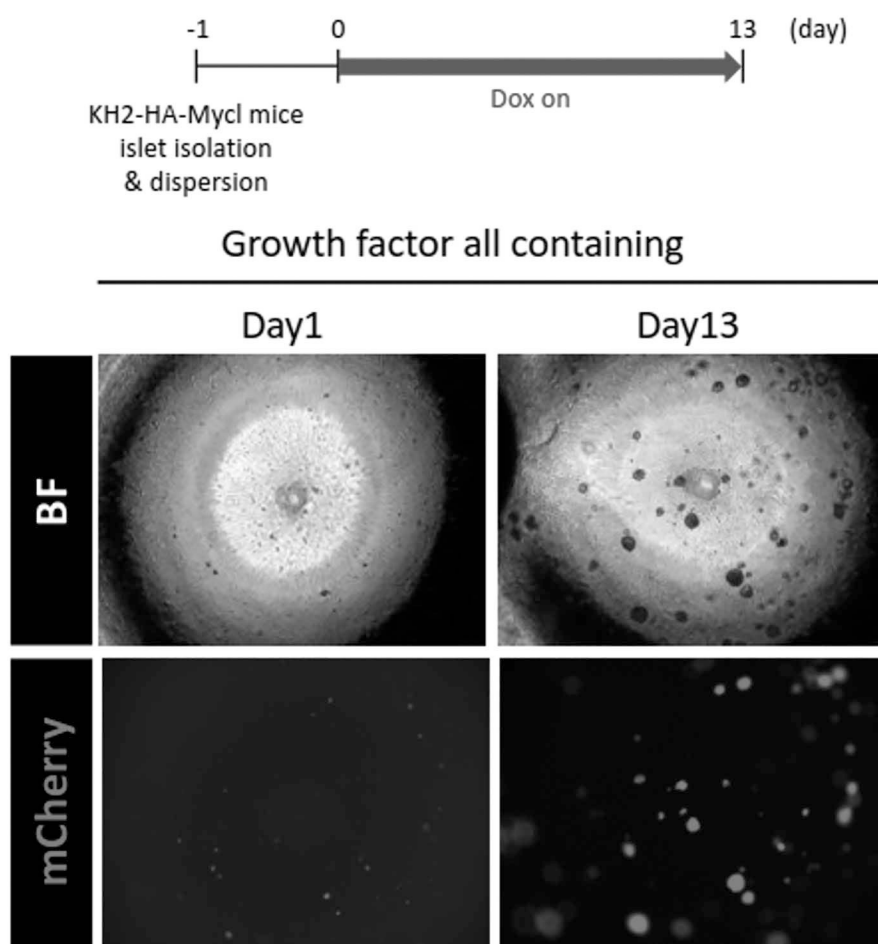


FIG. 11

Pancreatic islet isolation → dispersion → *MycI* expression induction



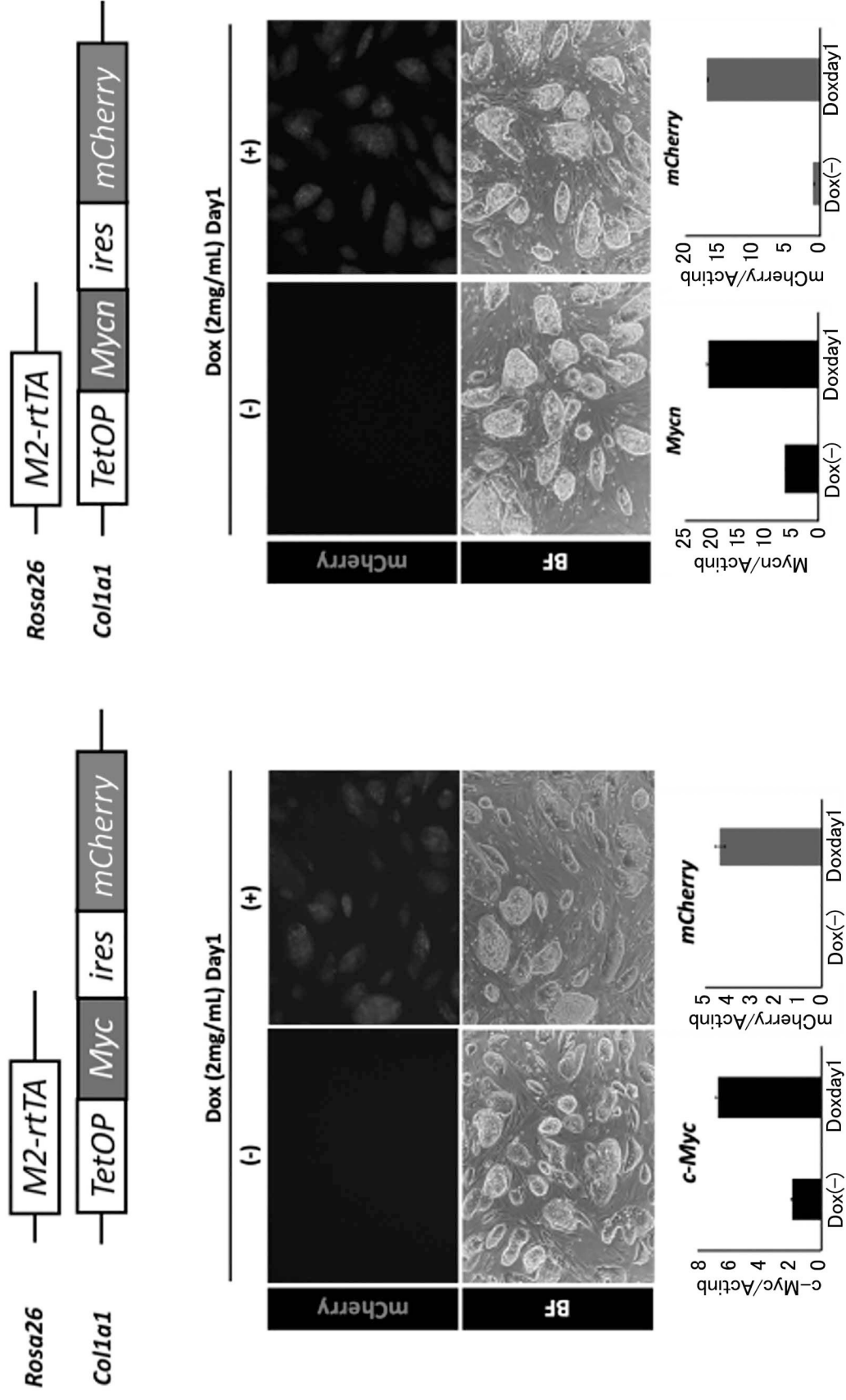
$$\frac{12}{19}$$


FIG. 13

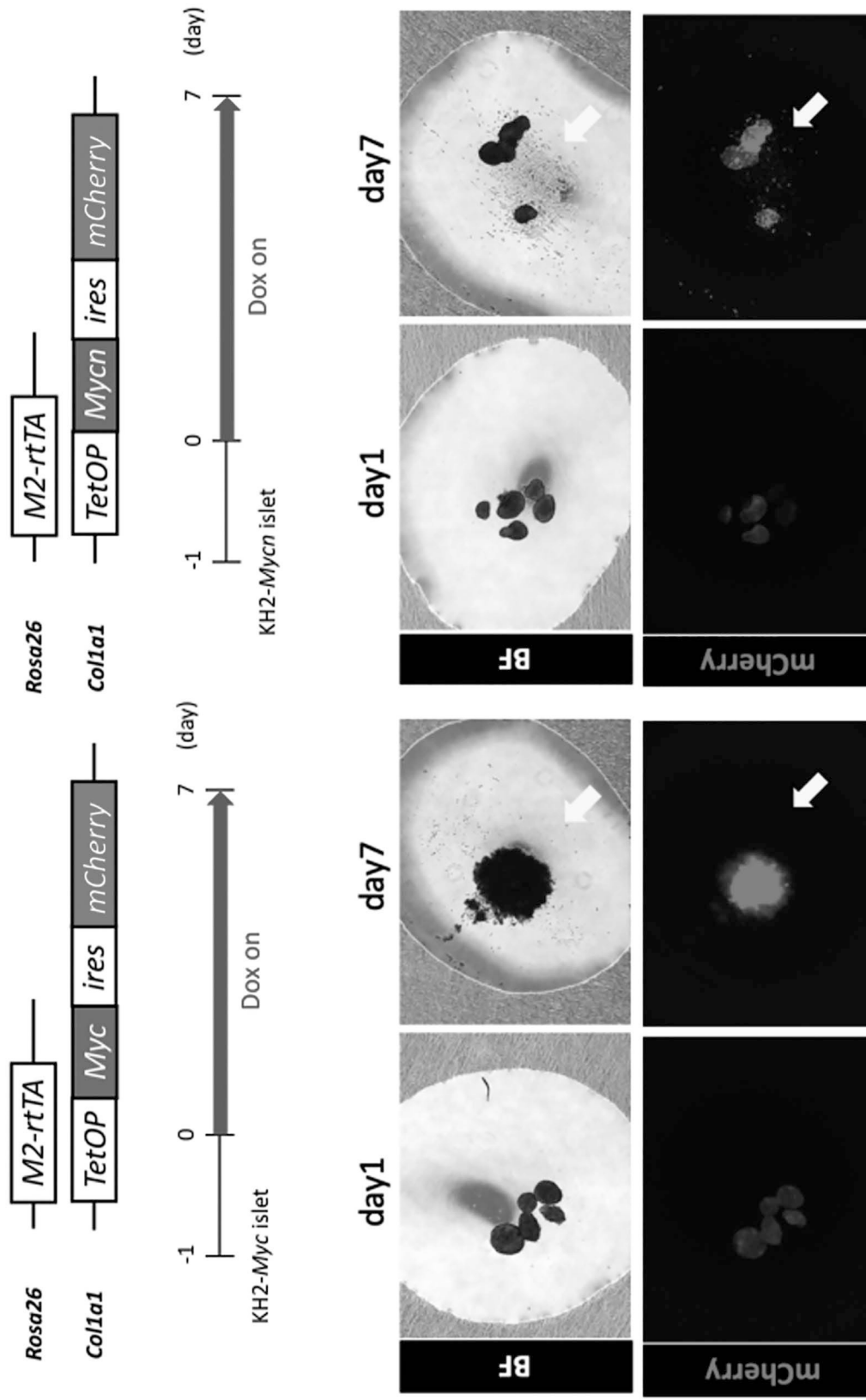


FIG. 14

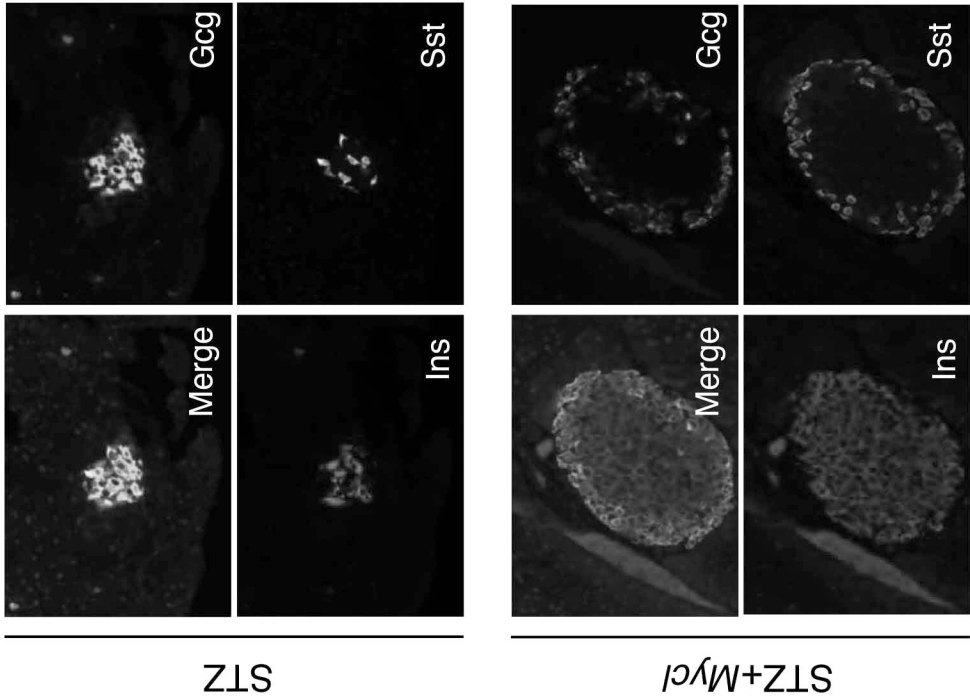
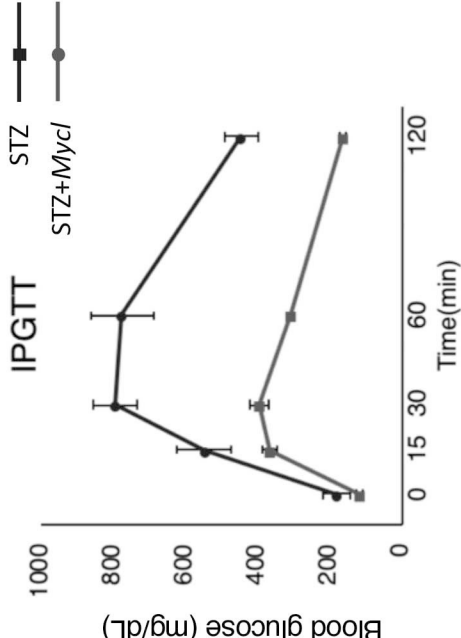
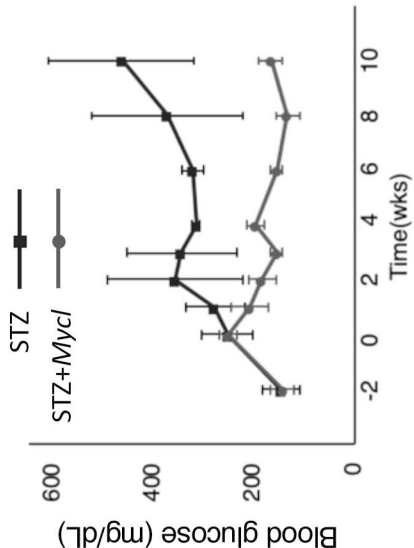
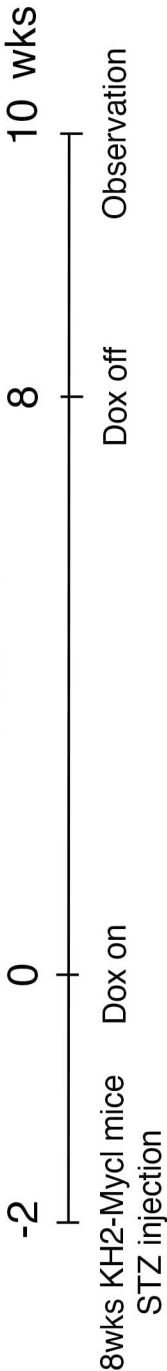


FIG. 15

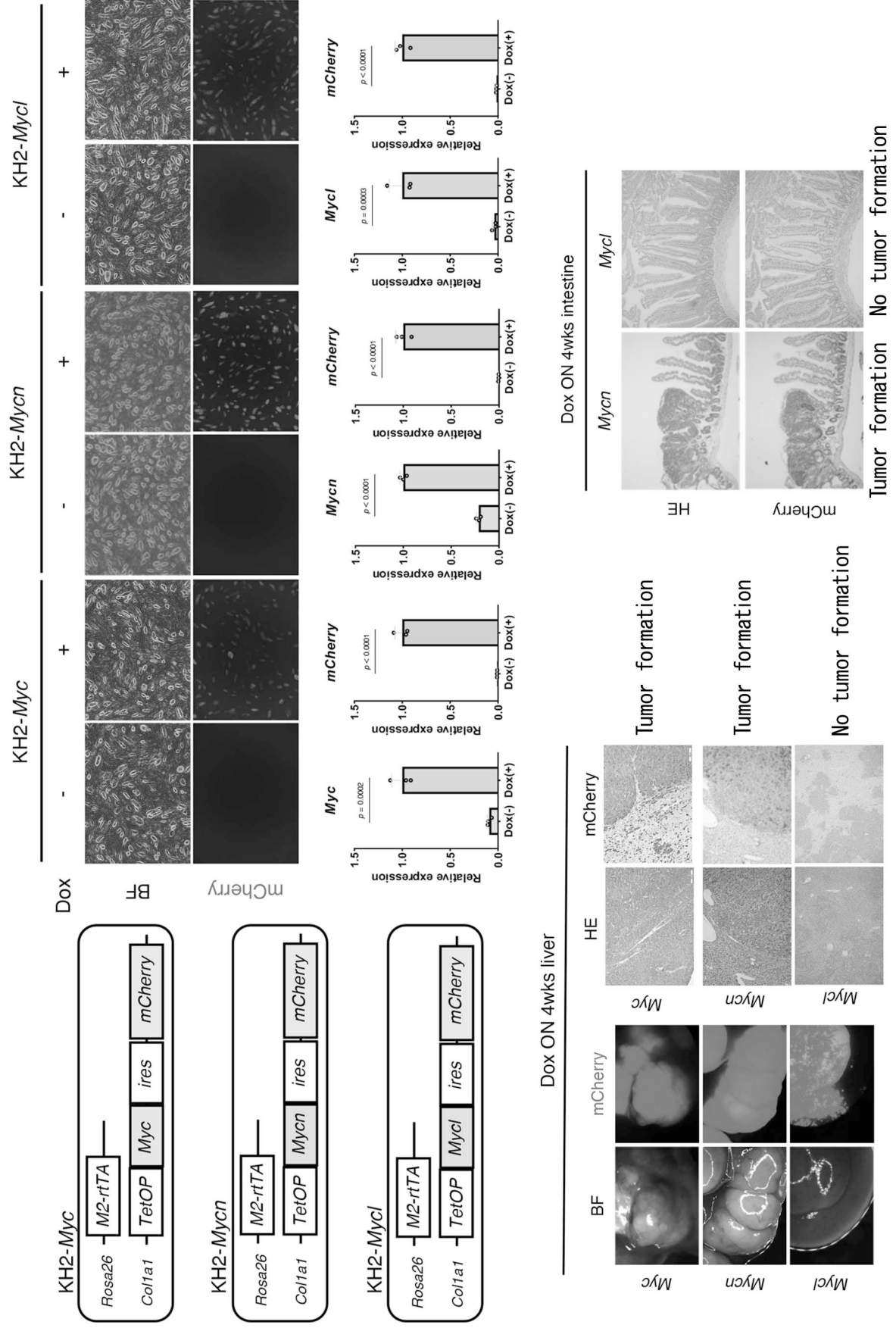
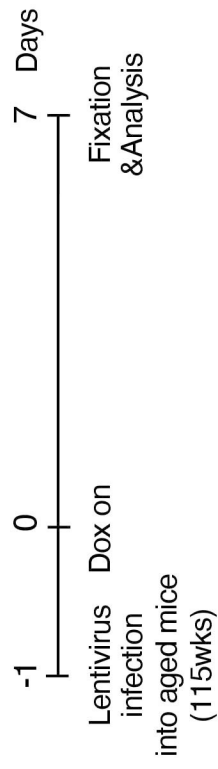
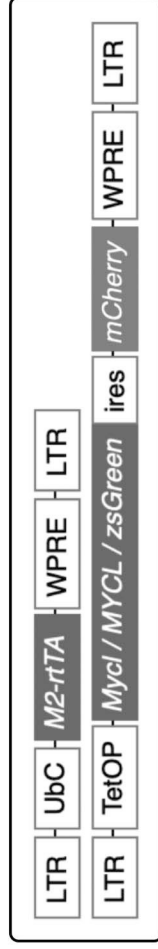


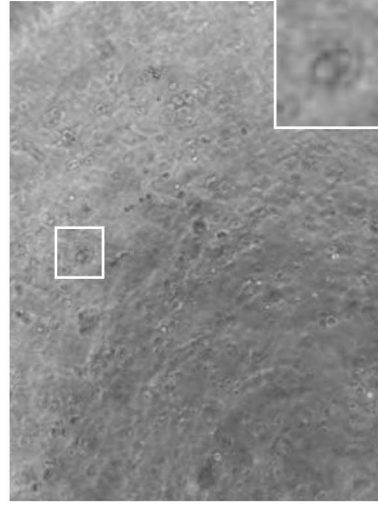
FIG. 16

Lentivirus construct



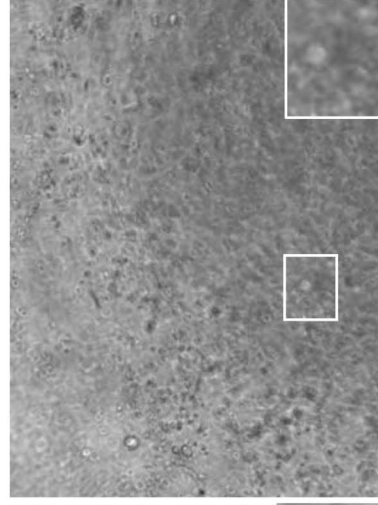
Myc/ OE

#1

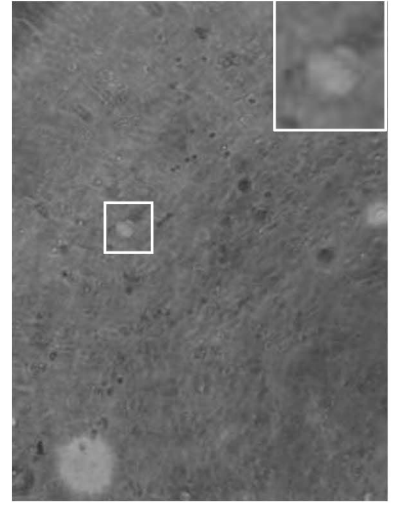


Day1

#2

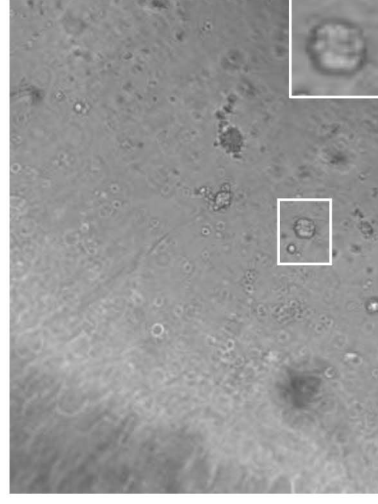


Day7

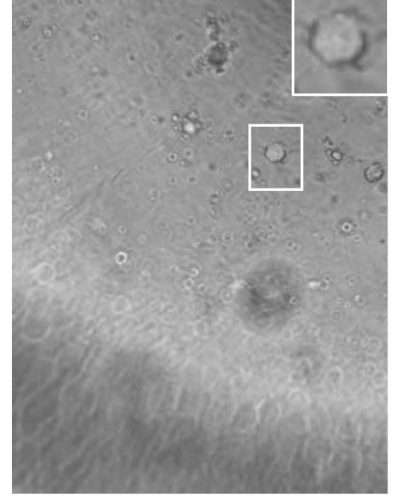


zsGreenDR OE

#1



Day1



Day7

FIG. 17

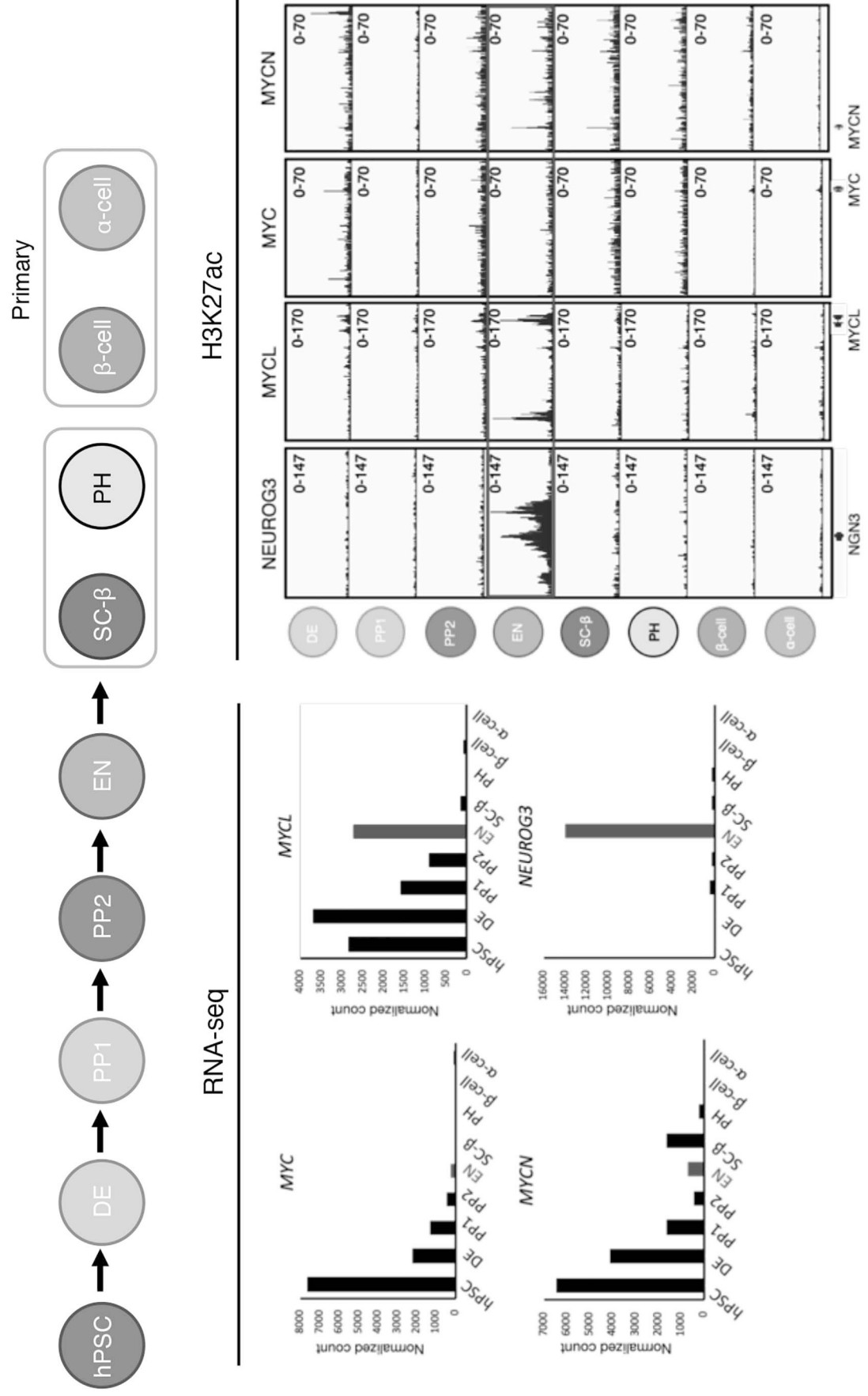


FIG. 18

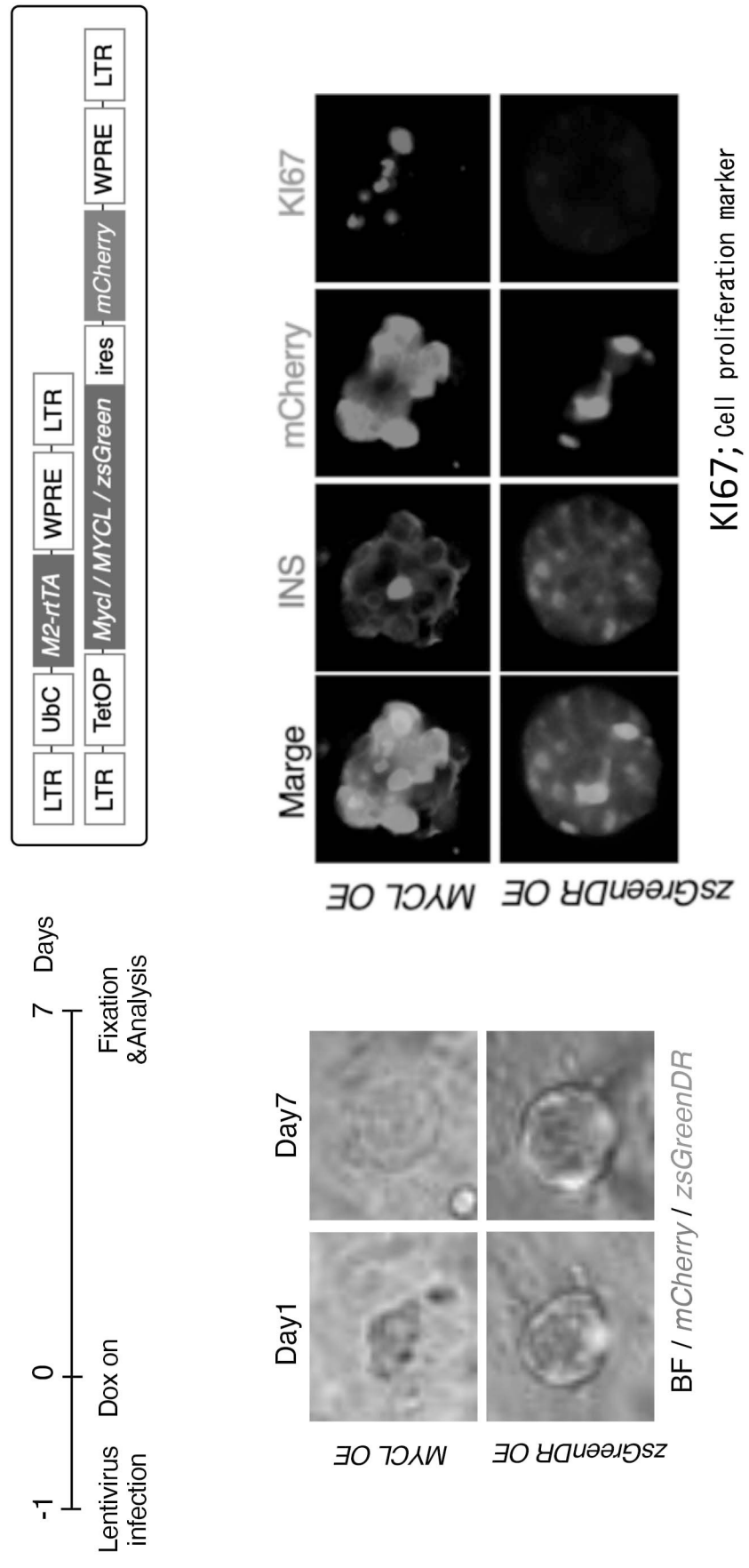
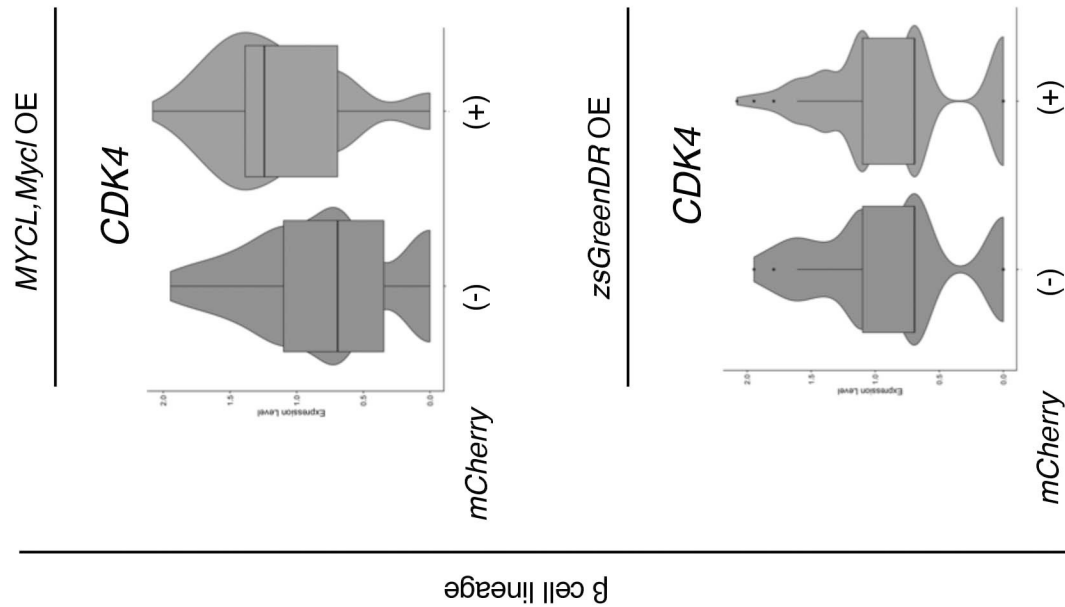
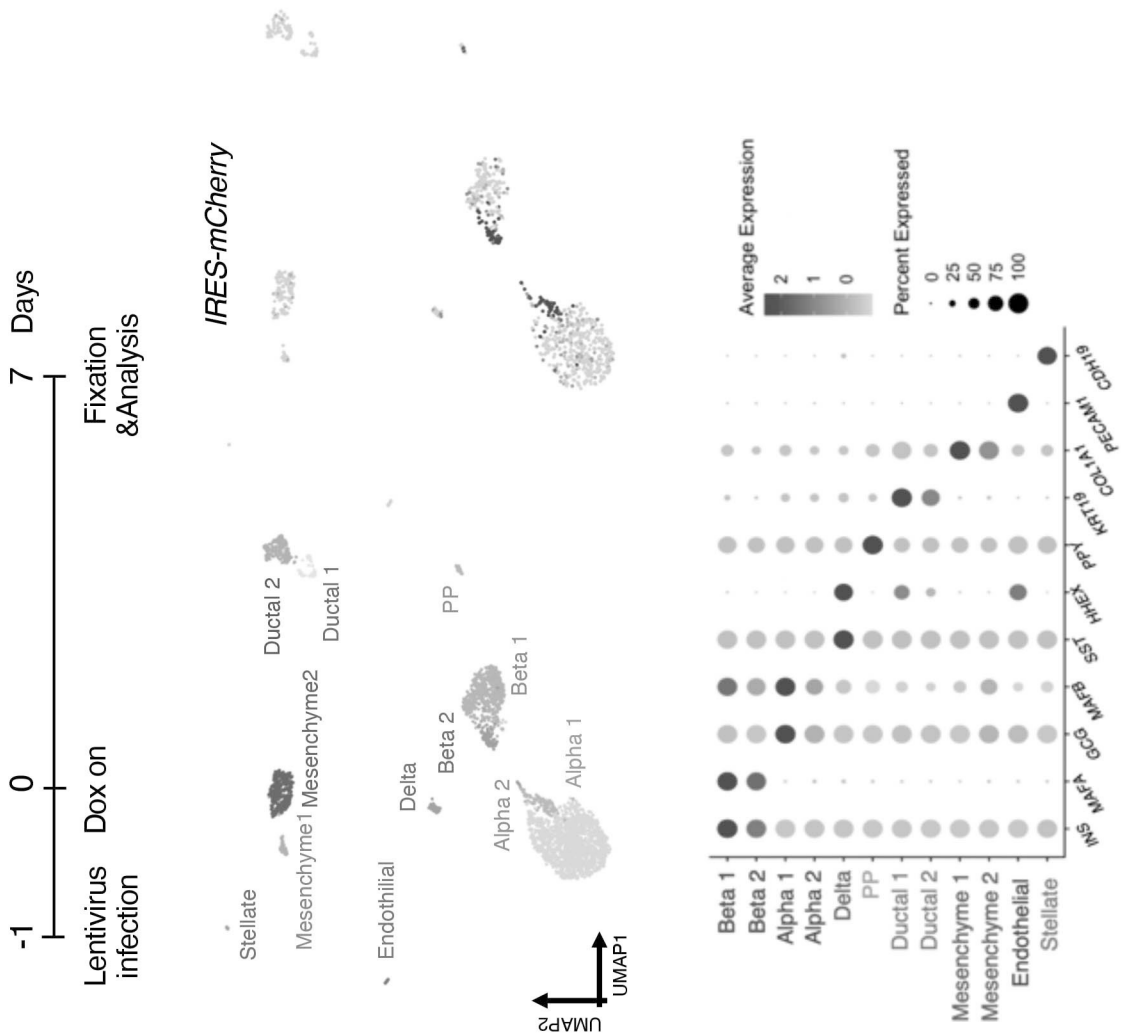


FIG. 19



CDK4; cell proliferation marker