

Figure 1

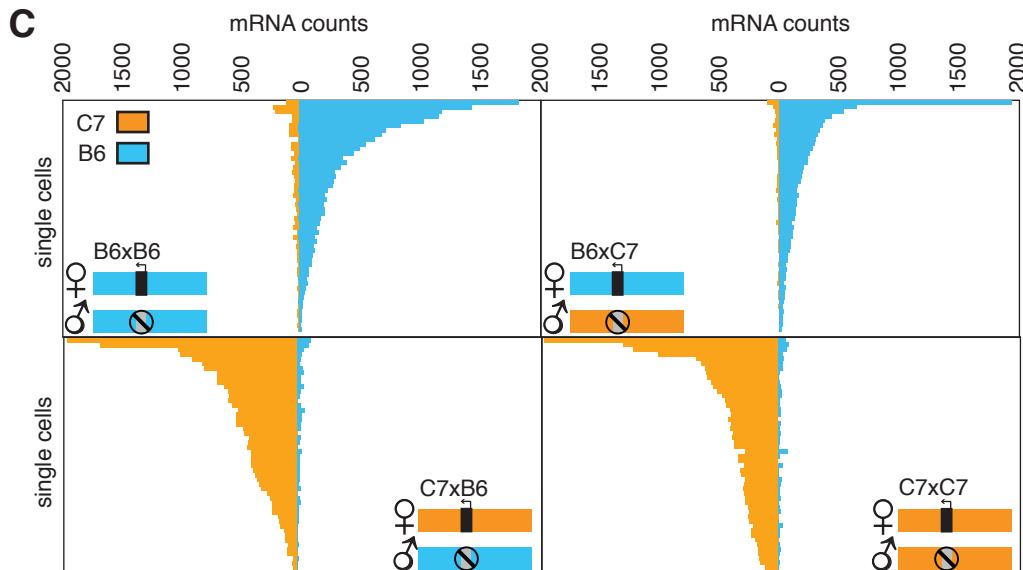
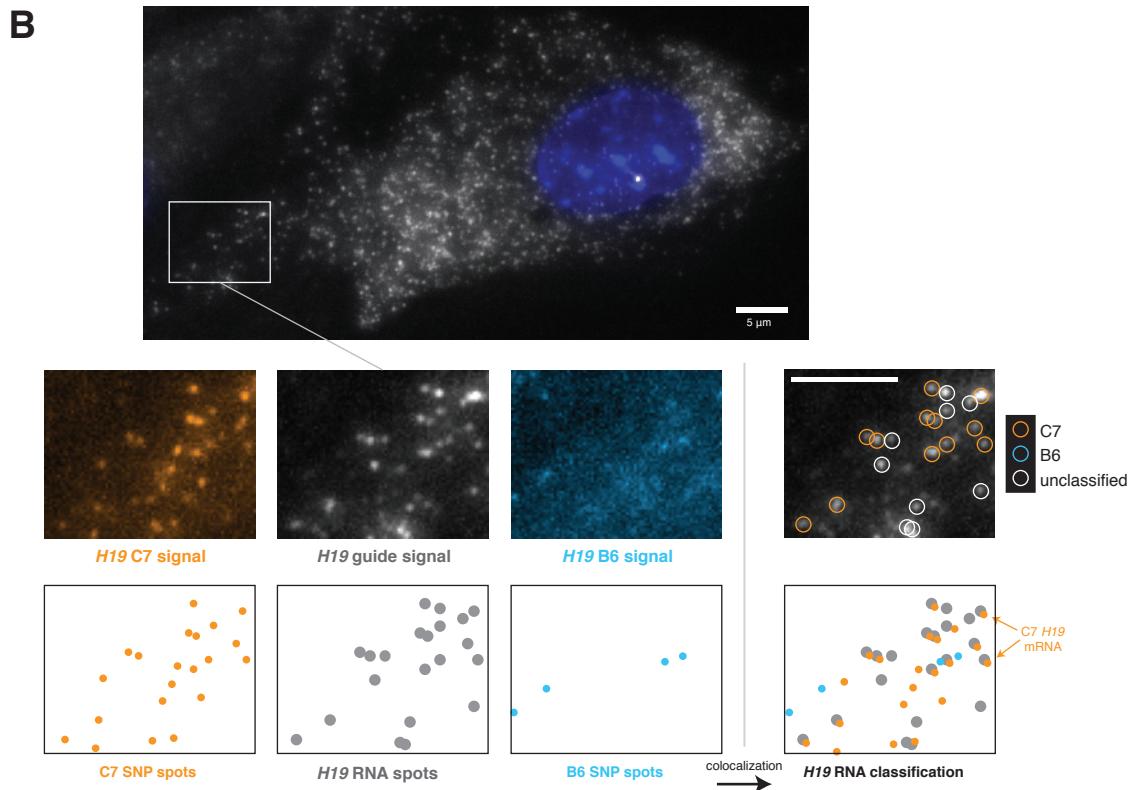
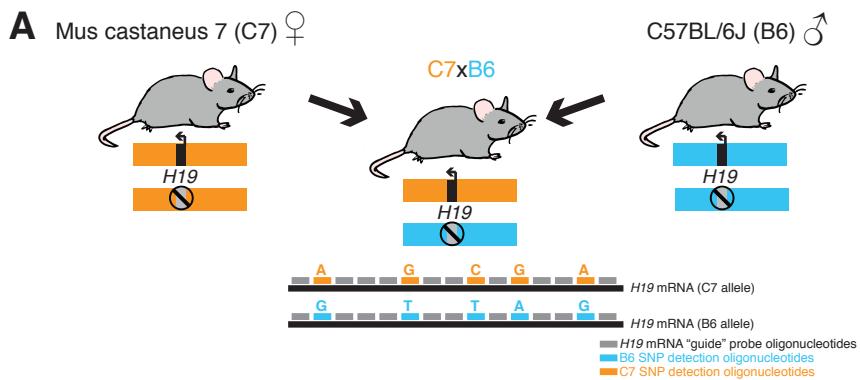


Figure 2

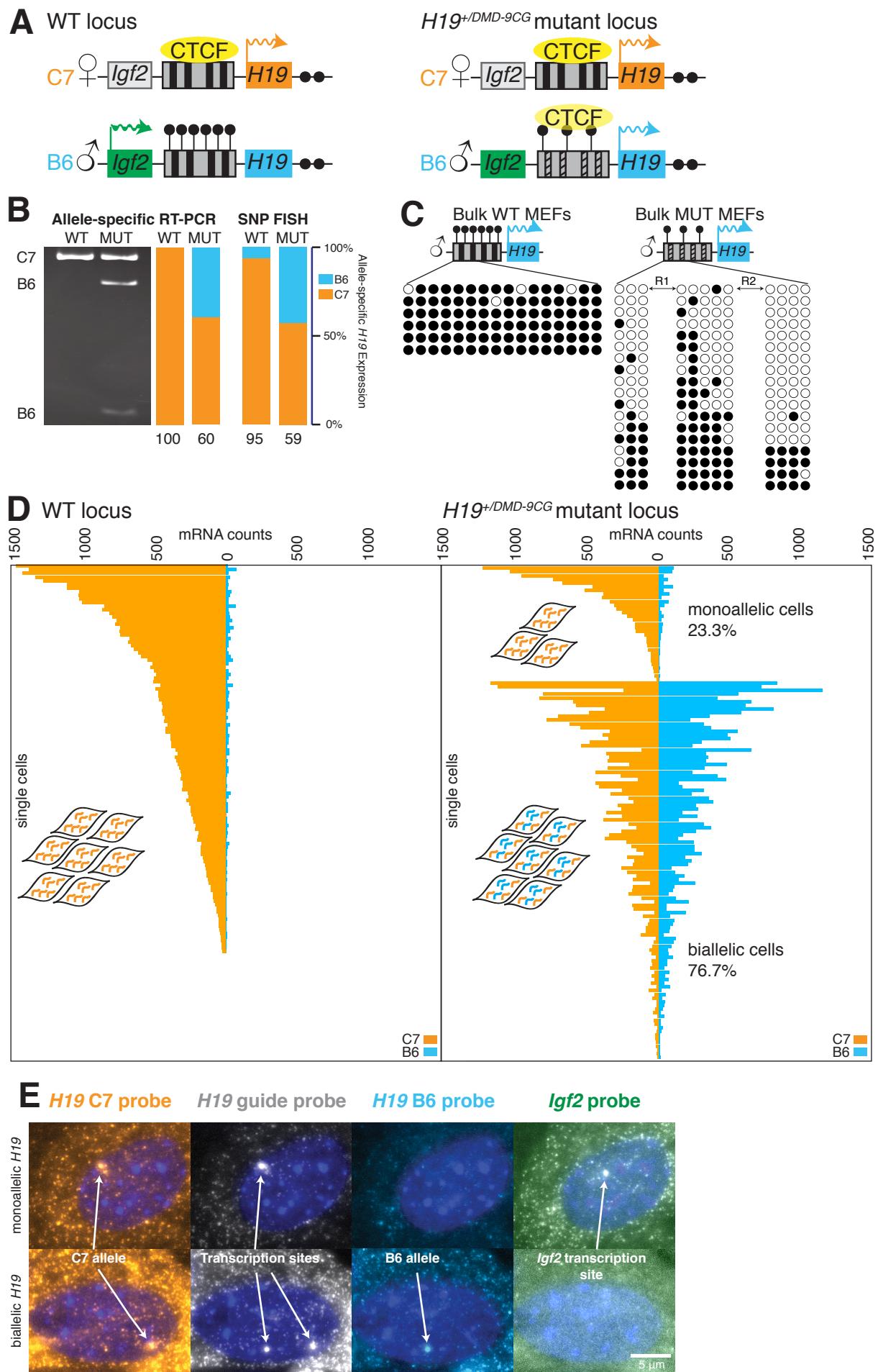
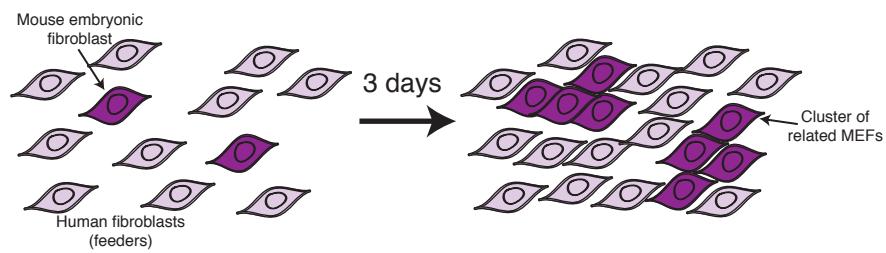
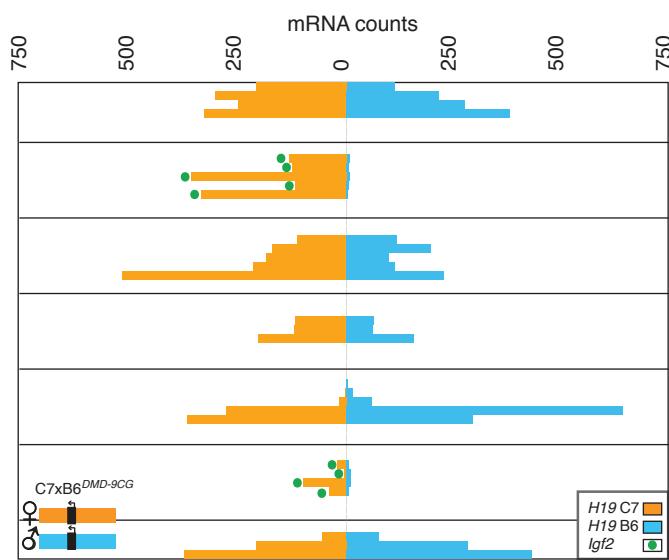


Figure 3

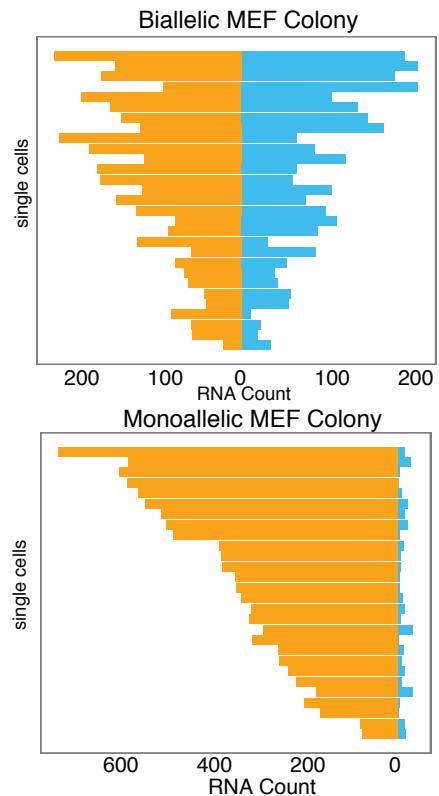
A



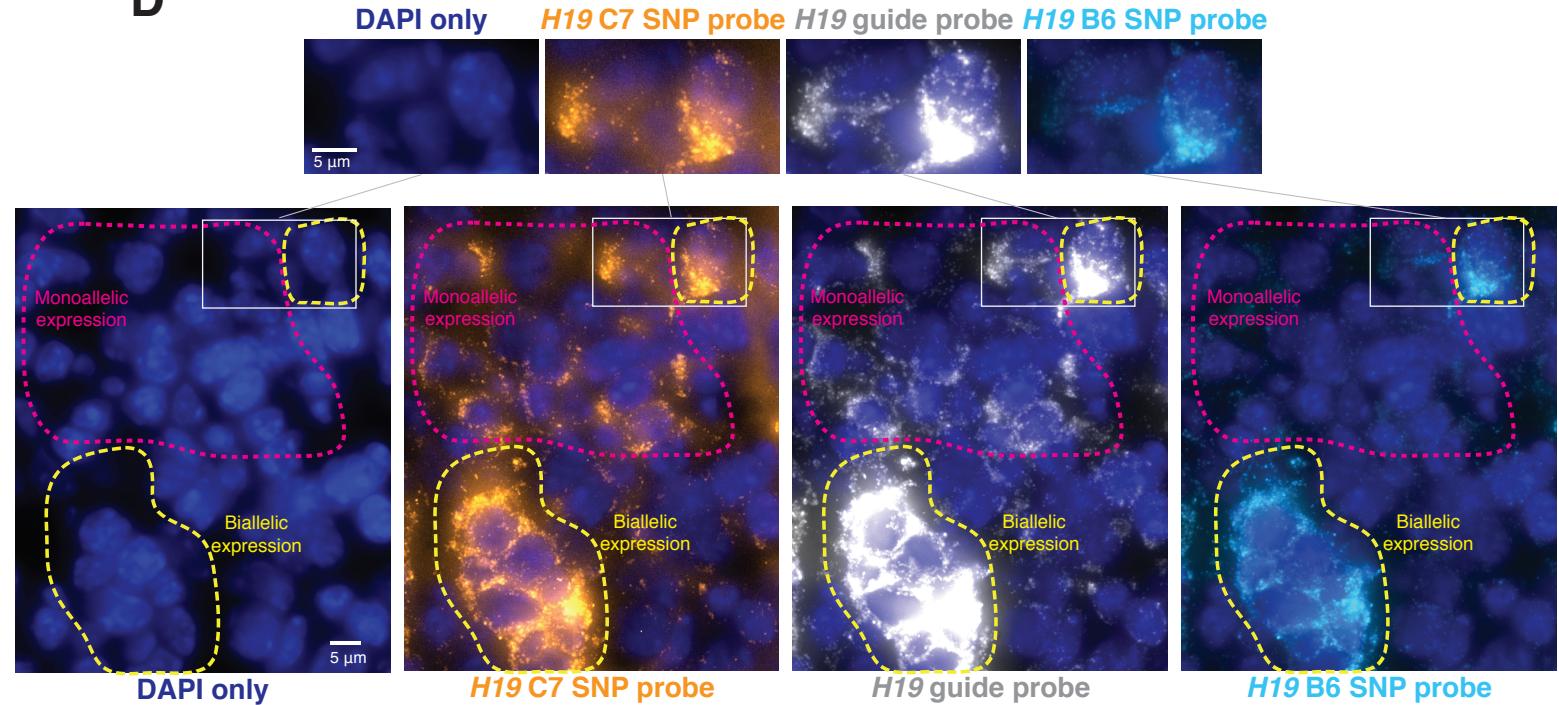
B



C



D



A Figure 4

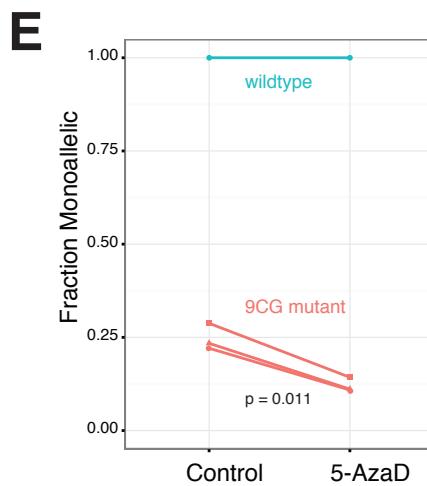
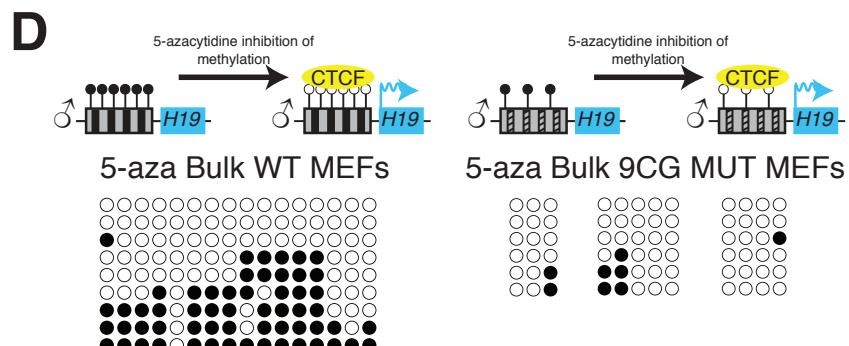
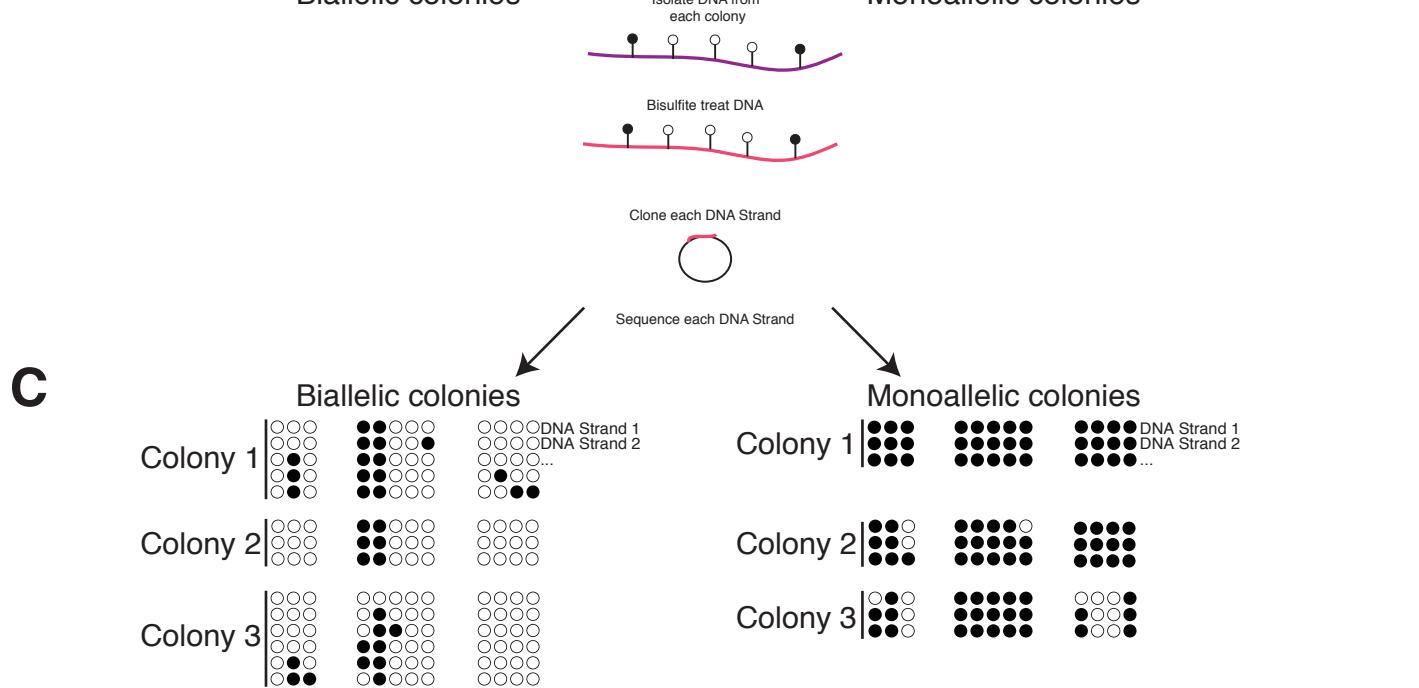
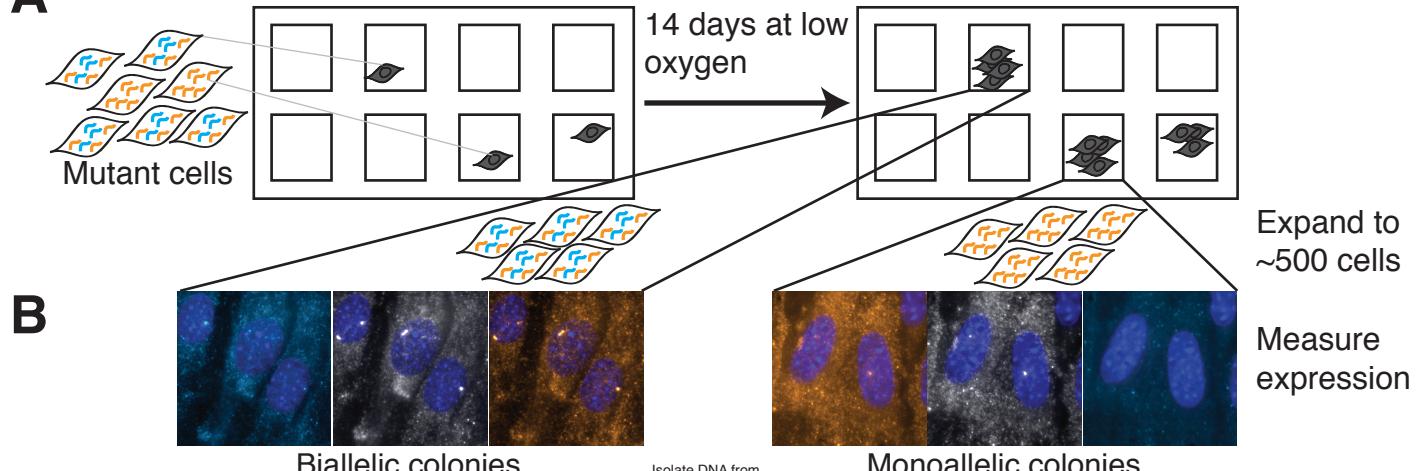


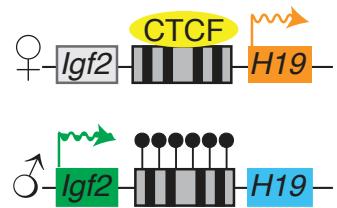
Figure 5

A

Wild-type locus

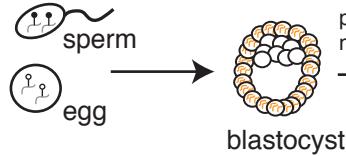
Exclusively maternal
H19 expression

monoallelic *H19* expression



B

Mutant locus



perturbation of maintenance

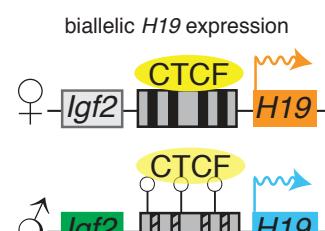


inheritance of
methylation
perturbation

embryo

fibroblasts

Mix of exclusively
maternal *H19*
and biallelic
expression



5-azacytidine inhibition of
methylation

