

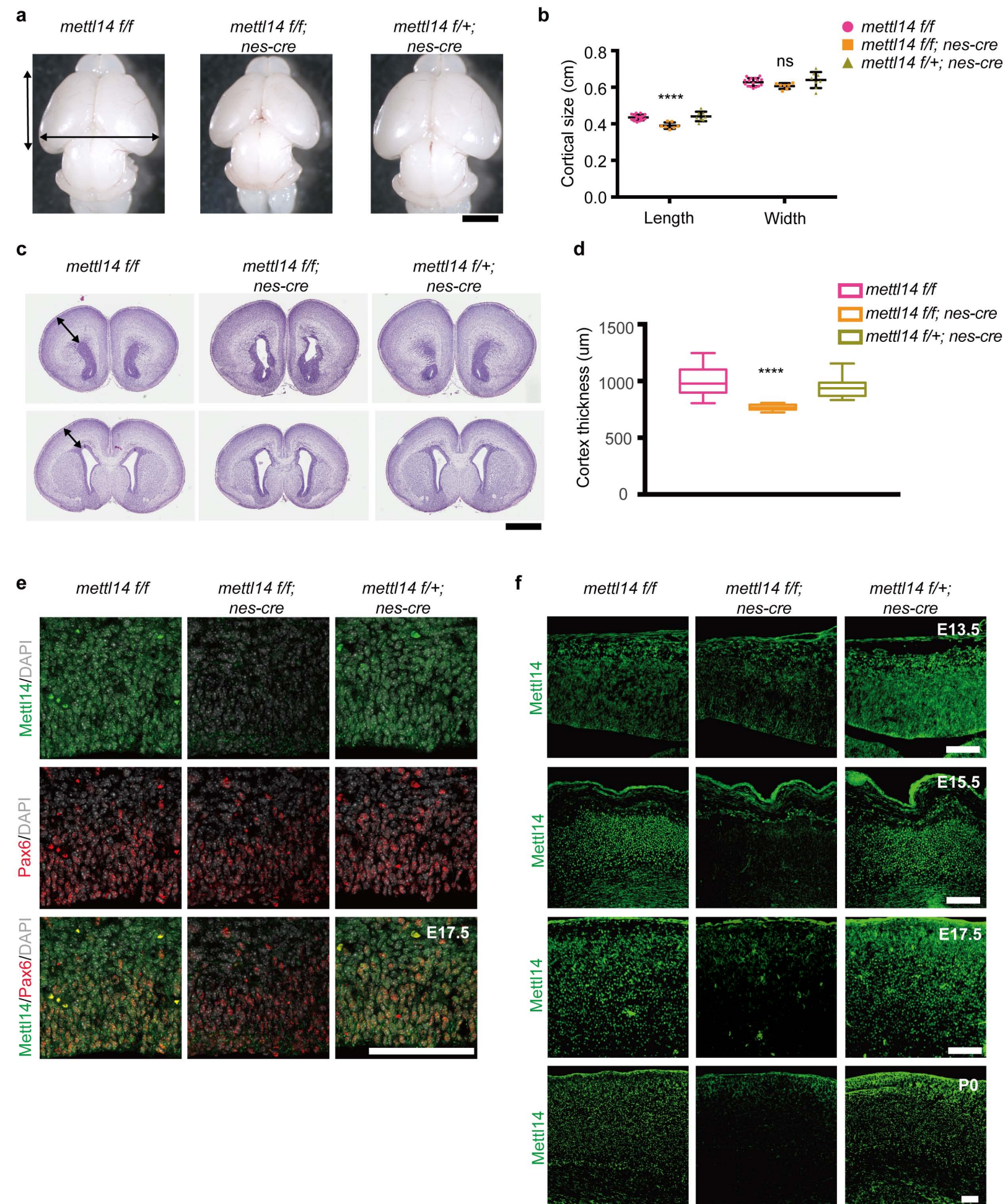
Figure 1

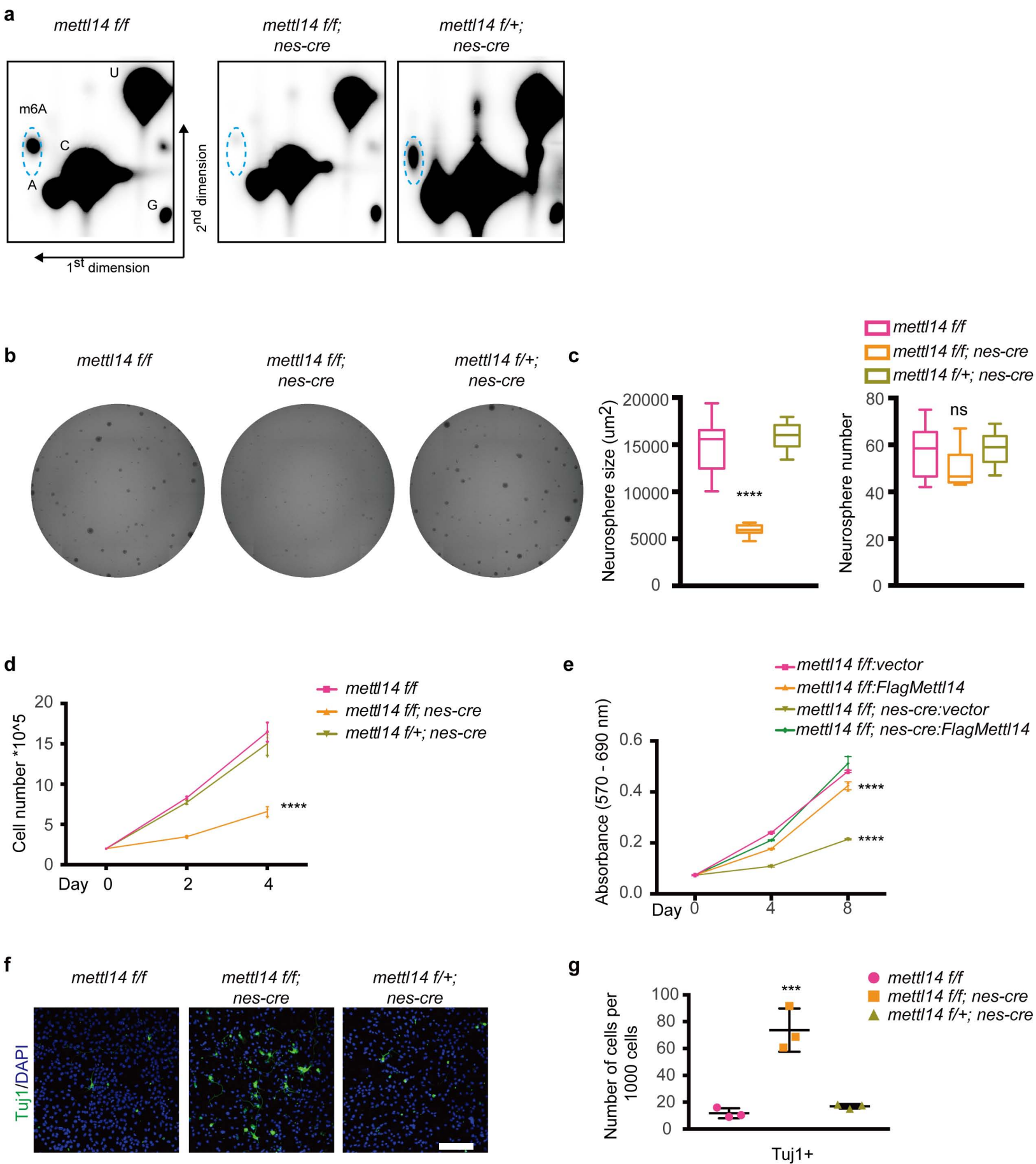
Figure 2

Figure 3

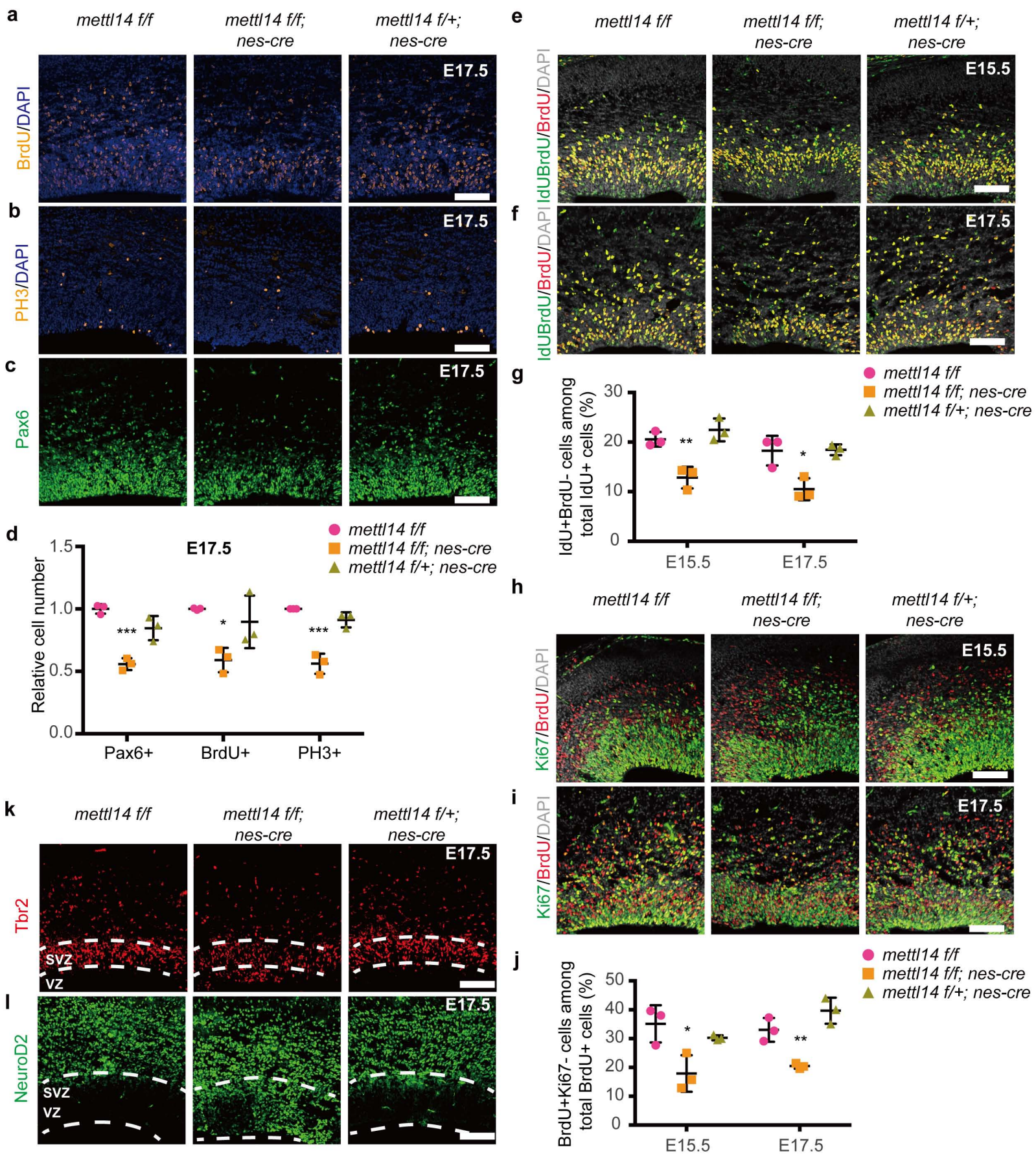


Figure 4

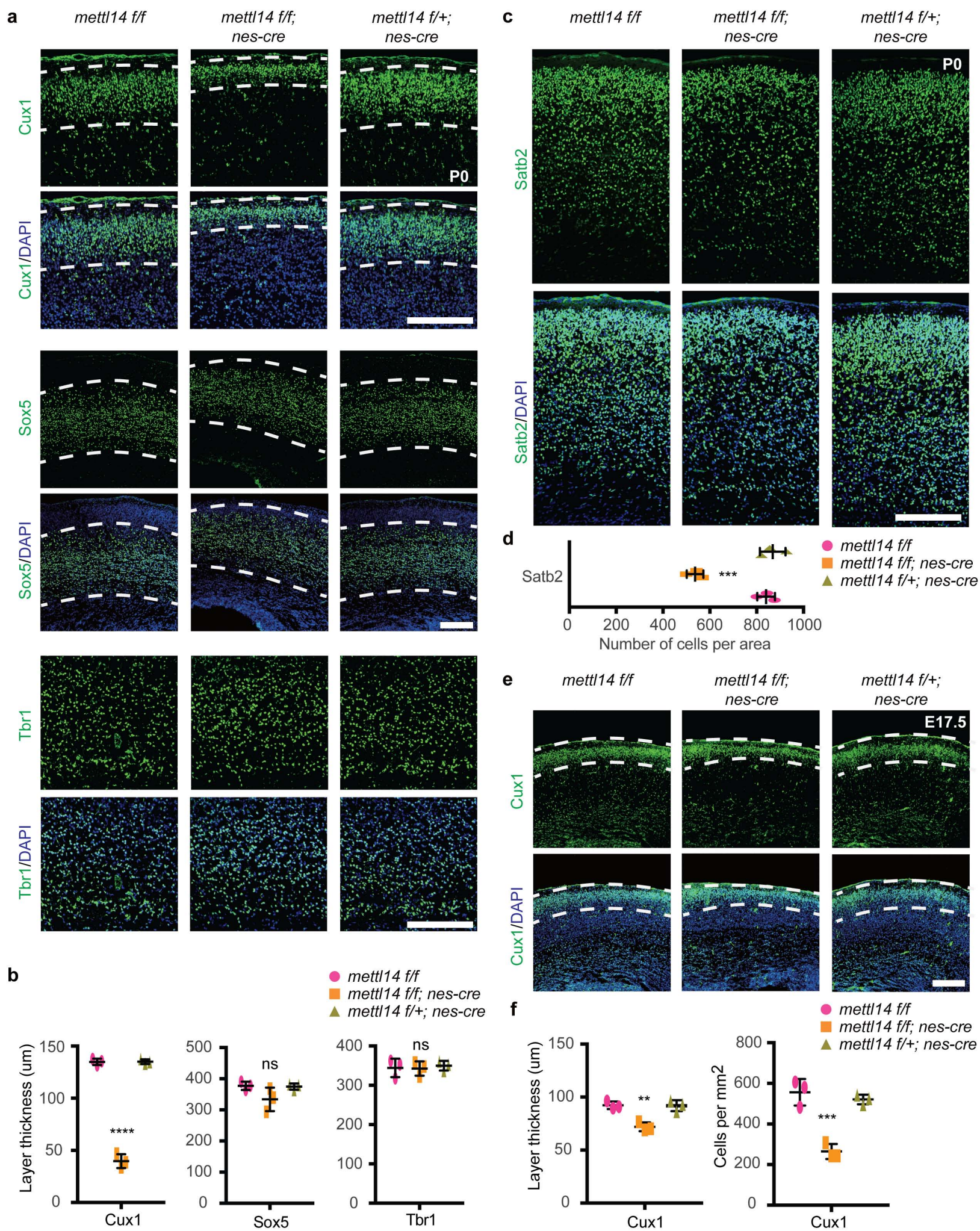


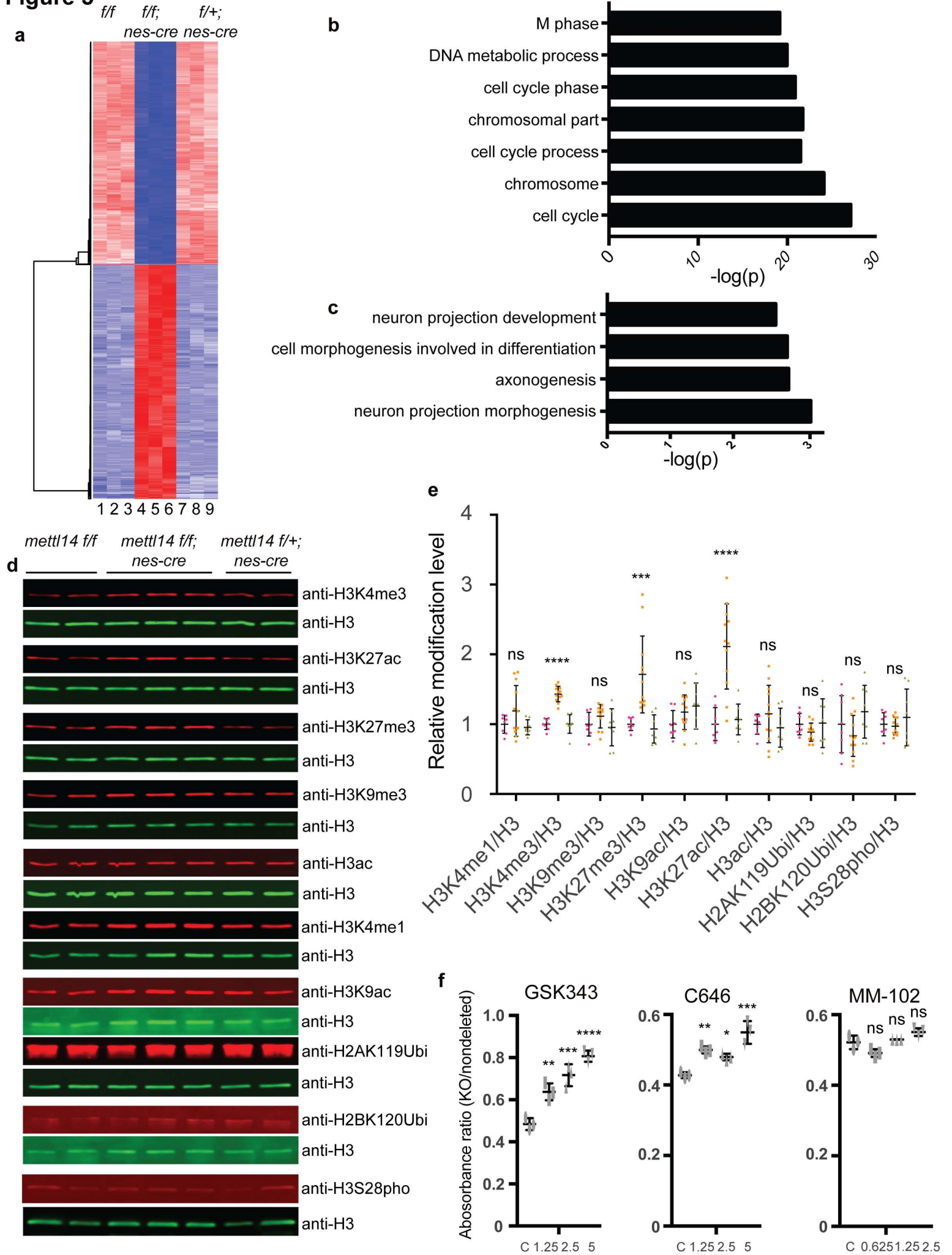
Figure 5

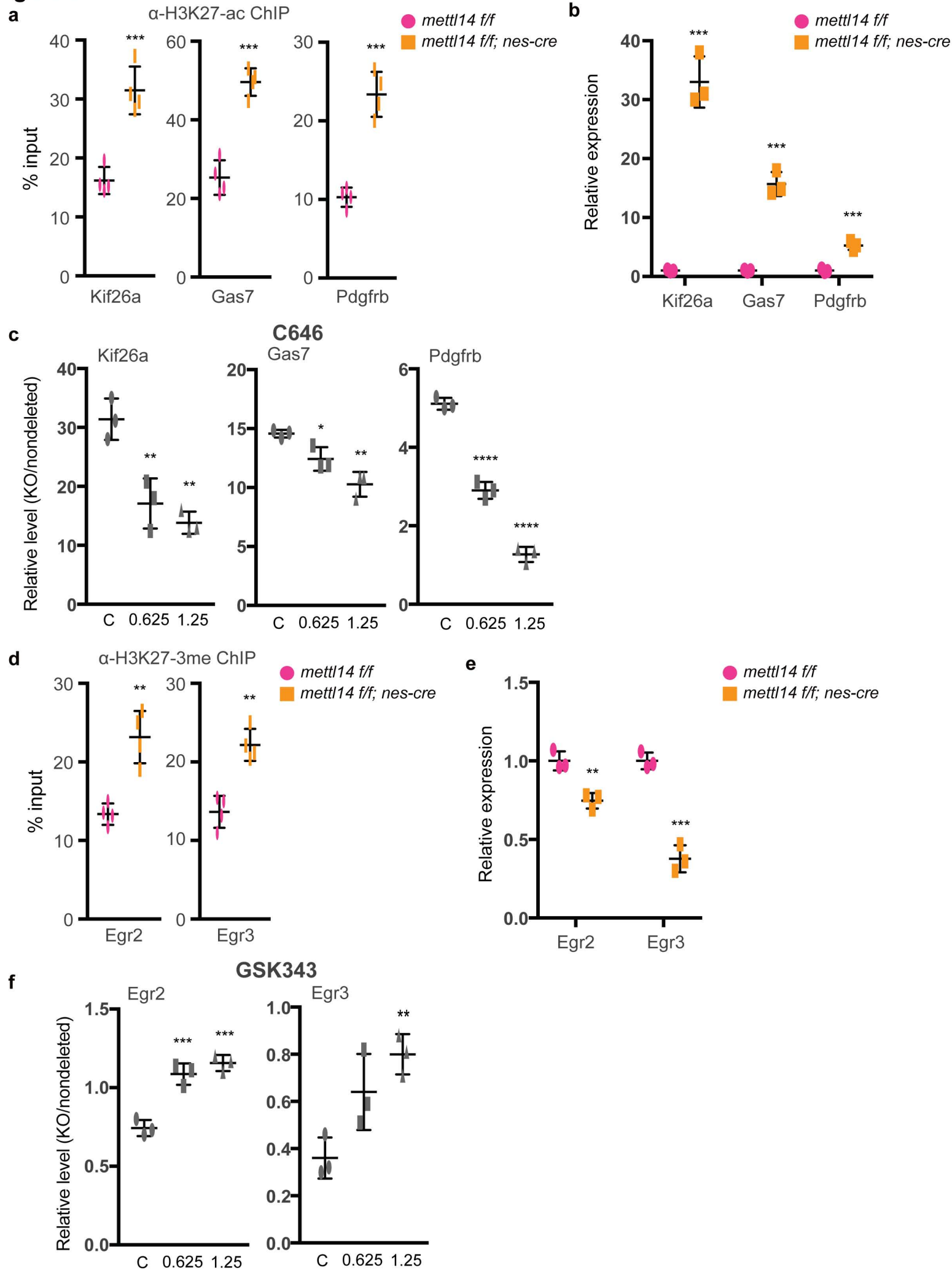
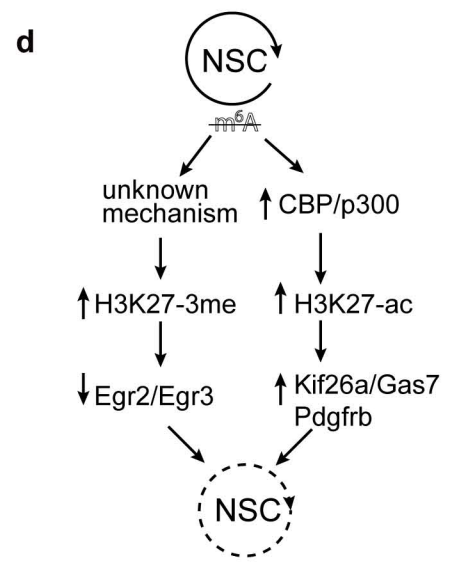
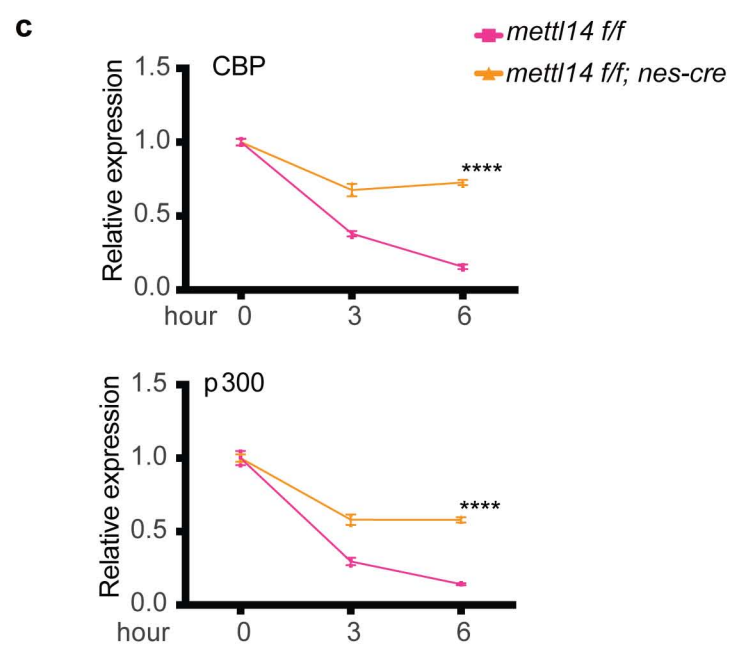
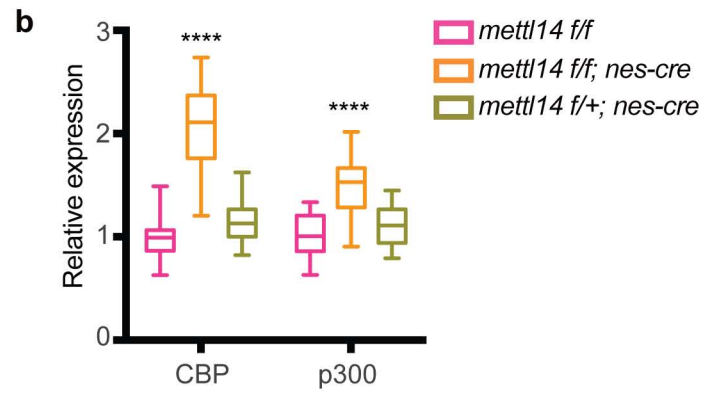
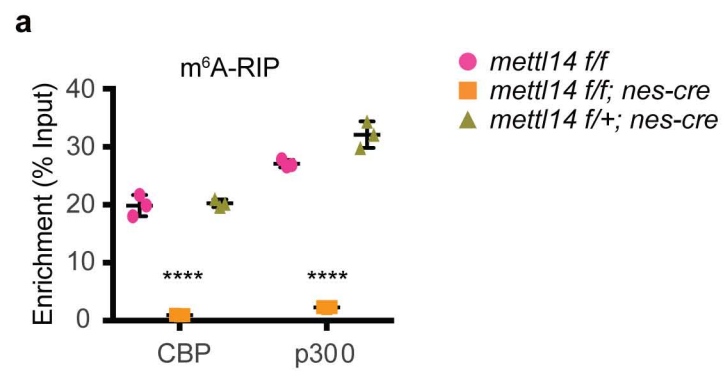
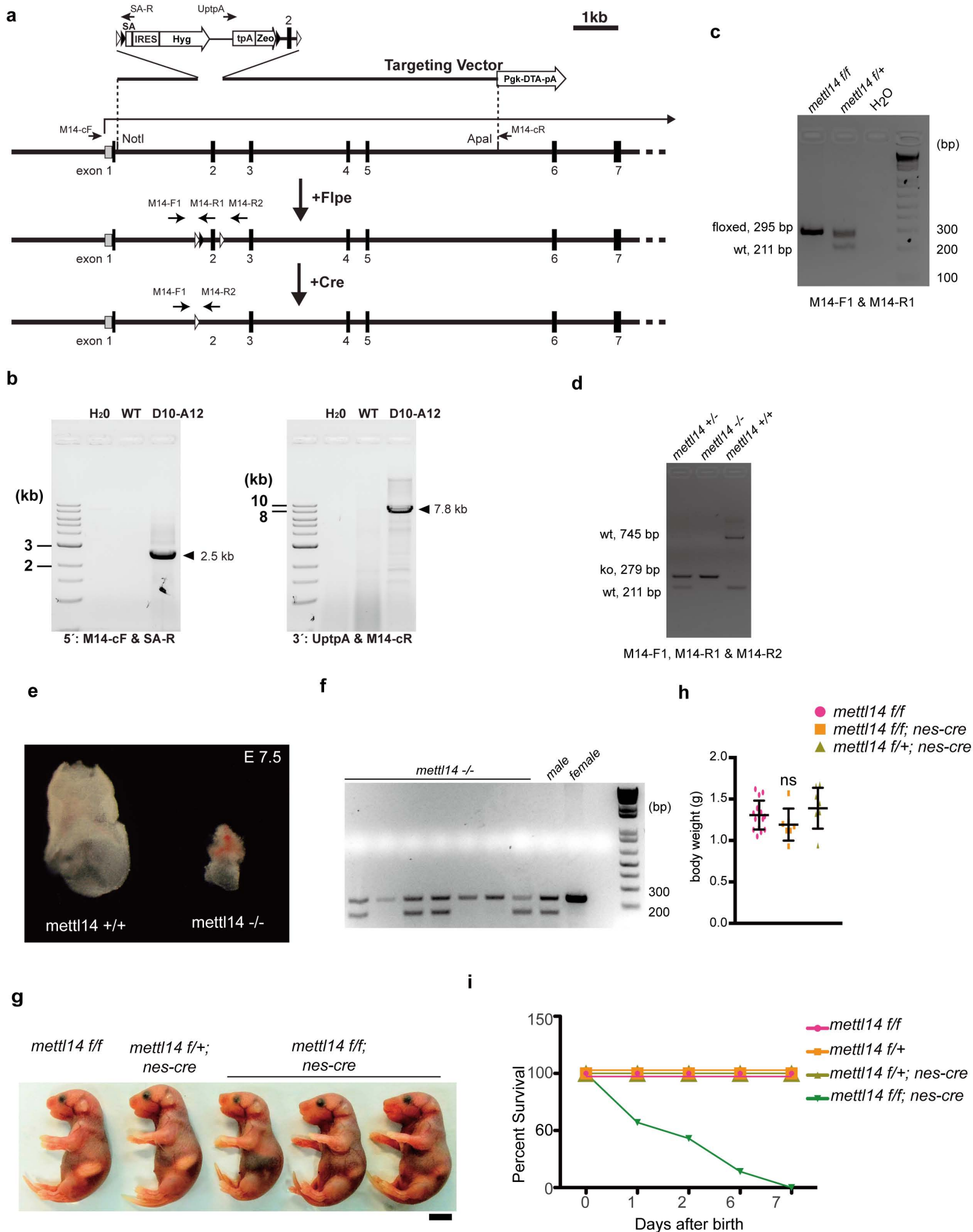
Figure 6

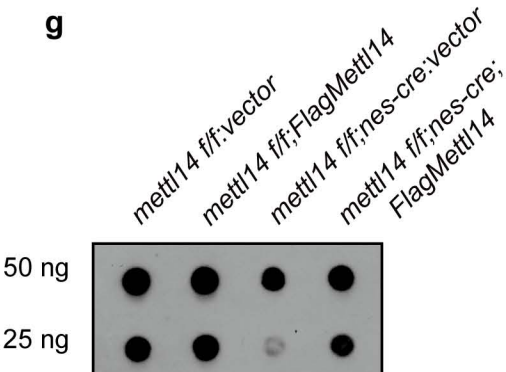
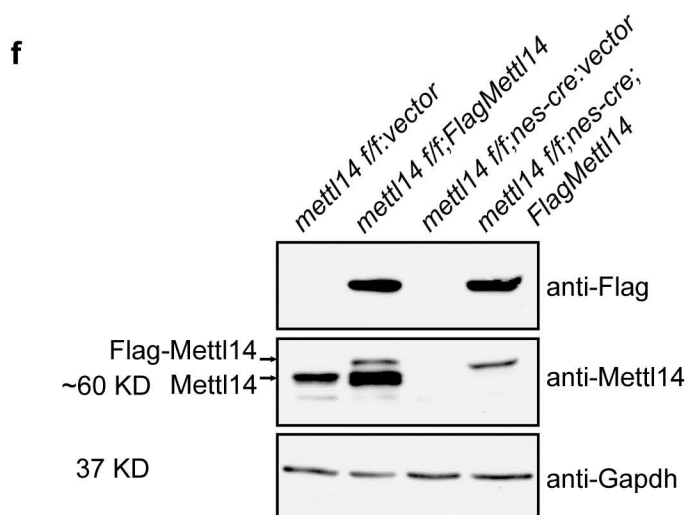
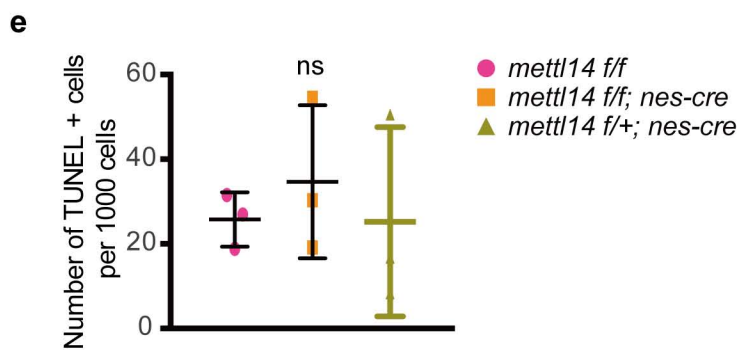
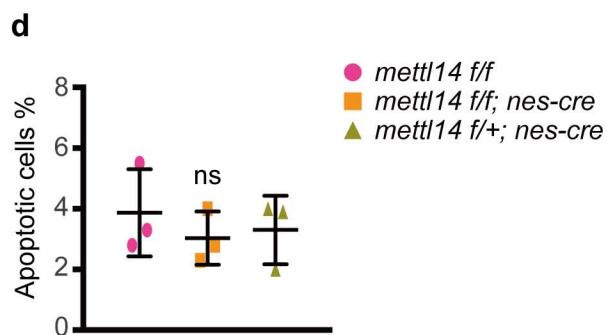
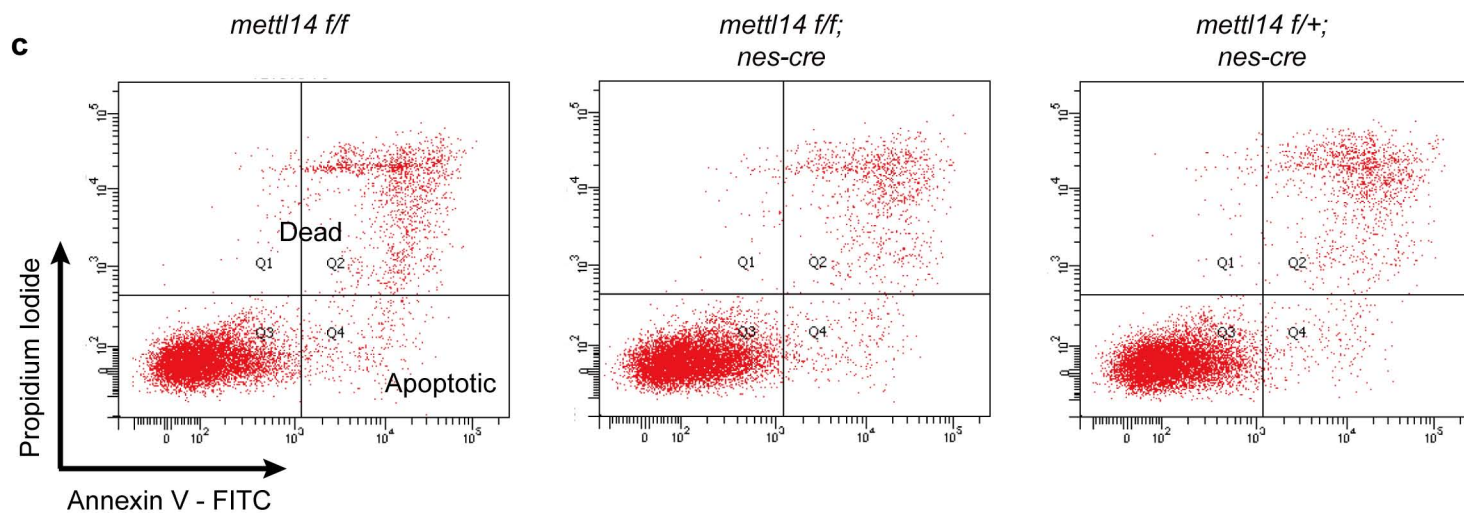
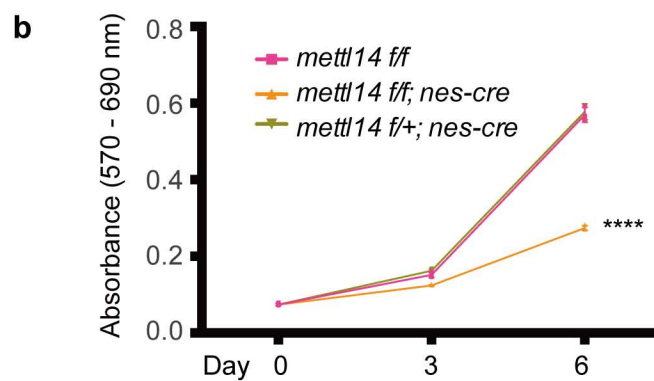
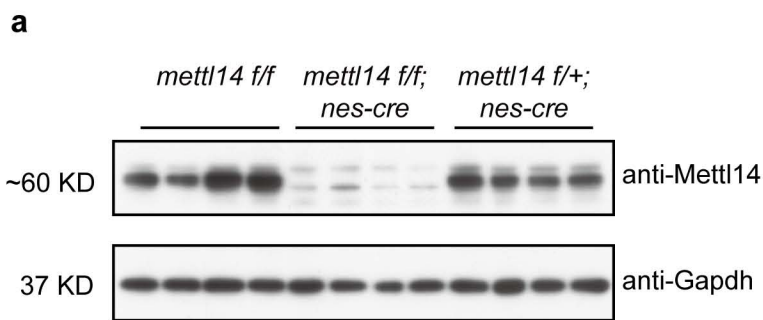
Figure 7



Supplementary Figure 1

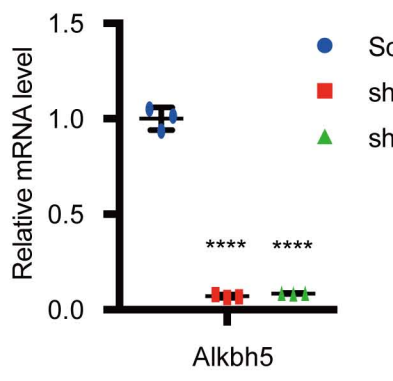


Supplementary Figure 2

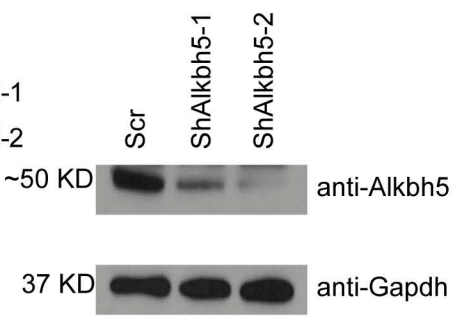


Supplementary Figure 2

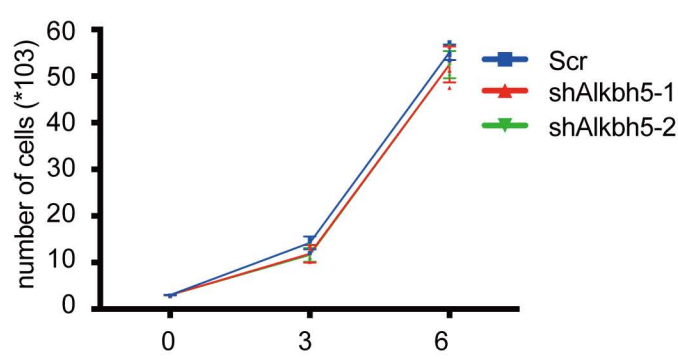
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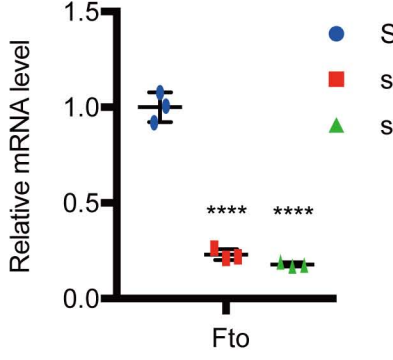
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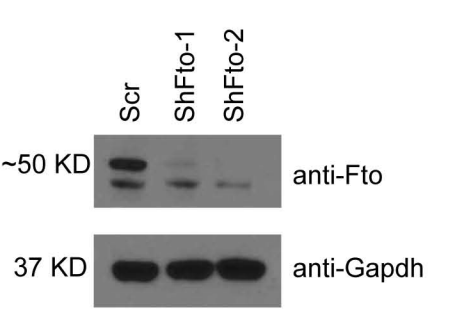
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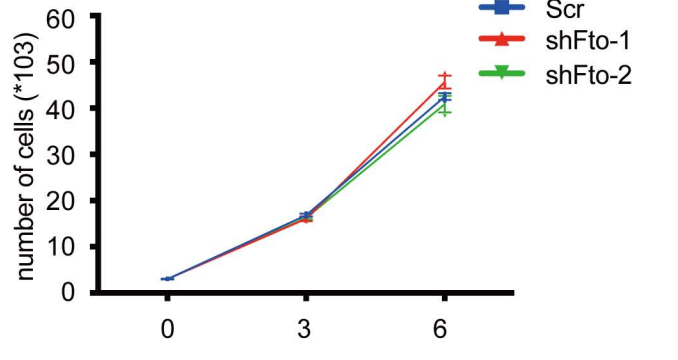
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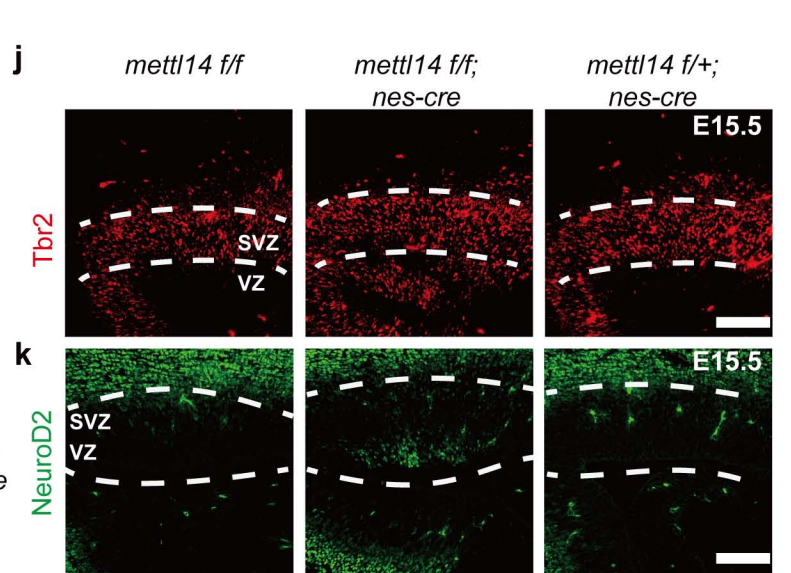
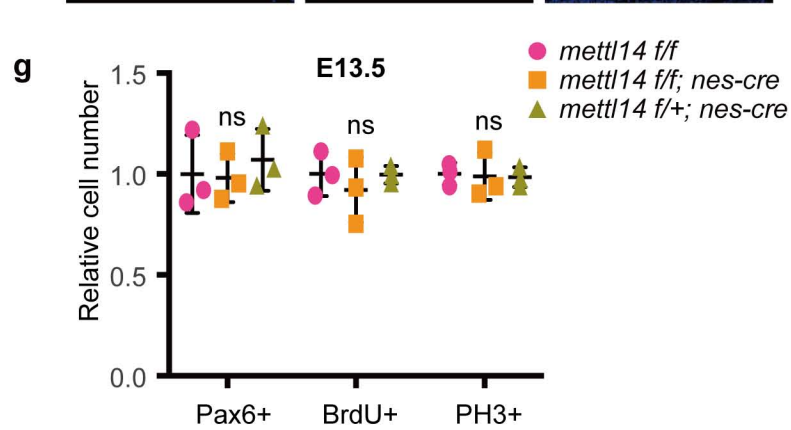
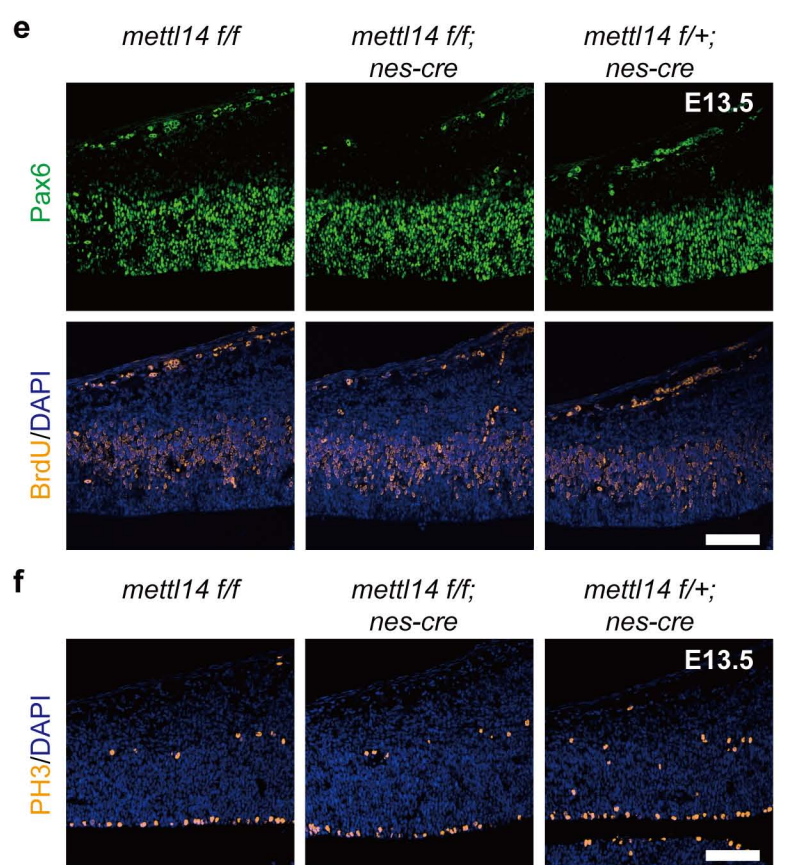
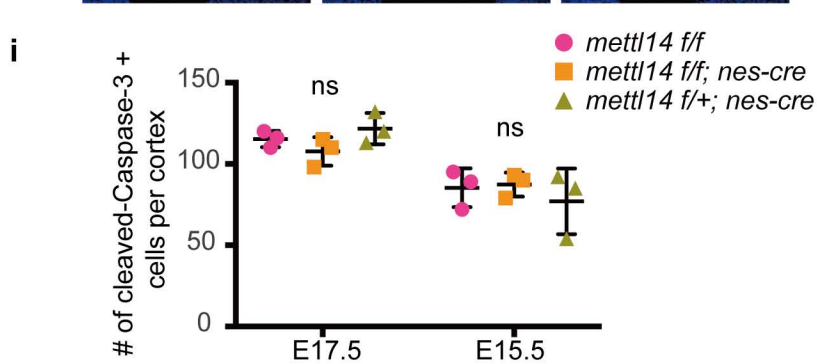
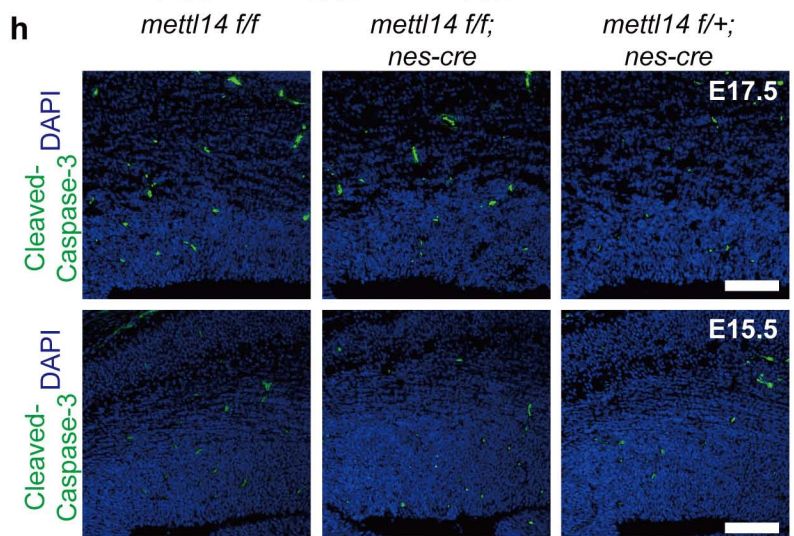
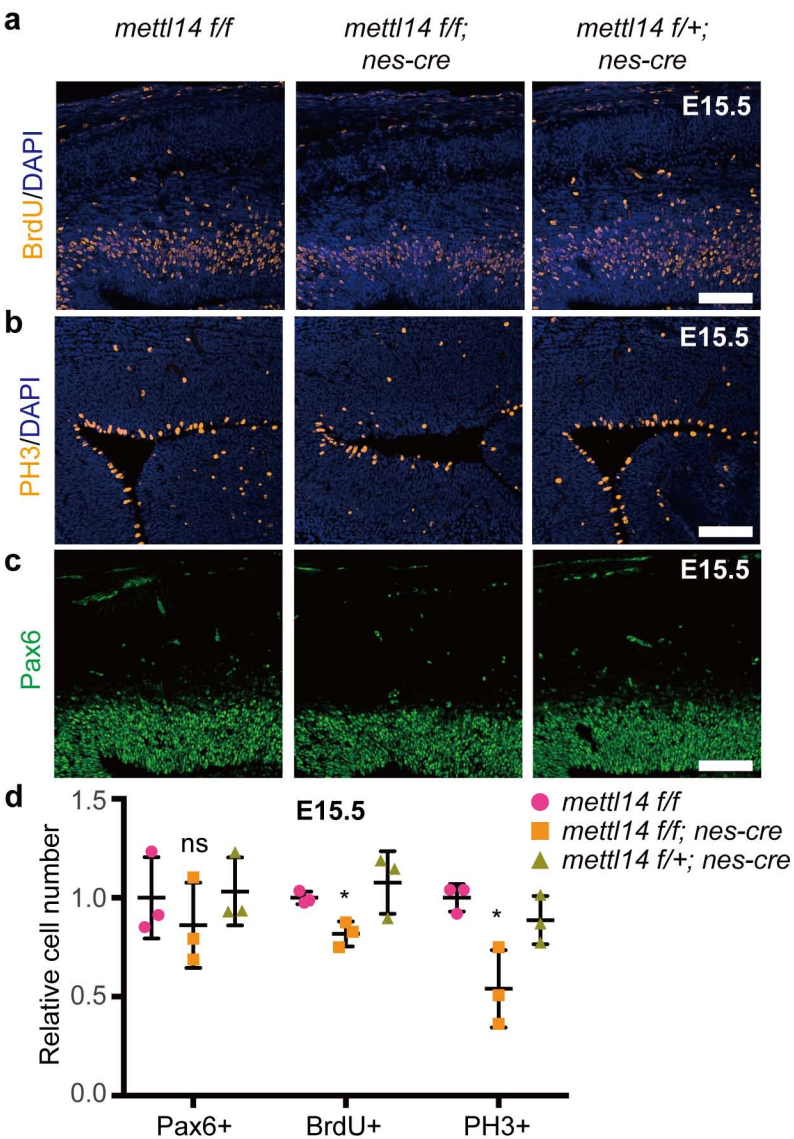
l



m



Supplementary Figure 3



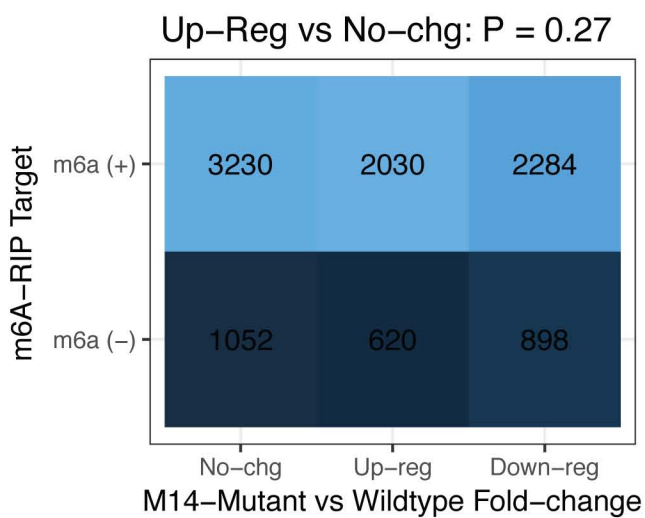
Supplementary Figure 4

a

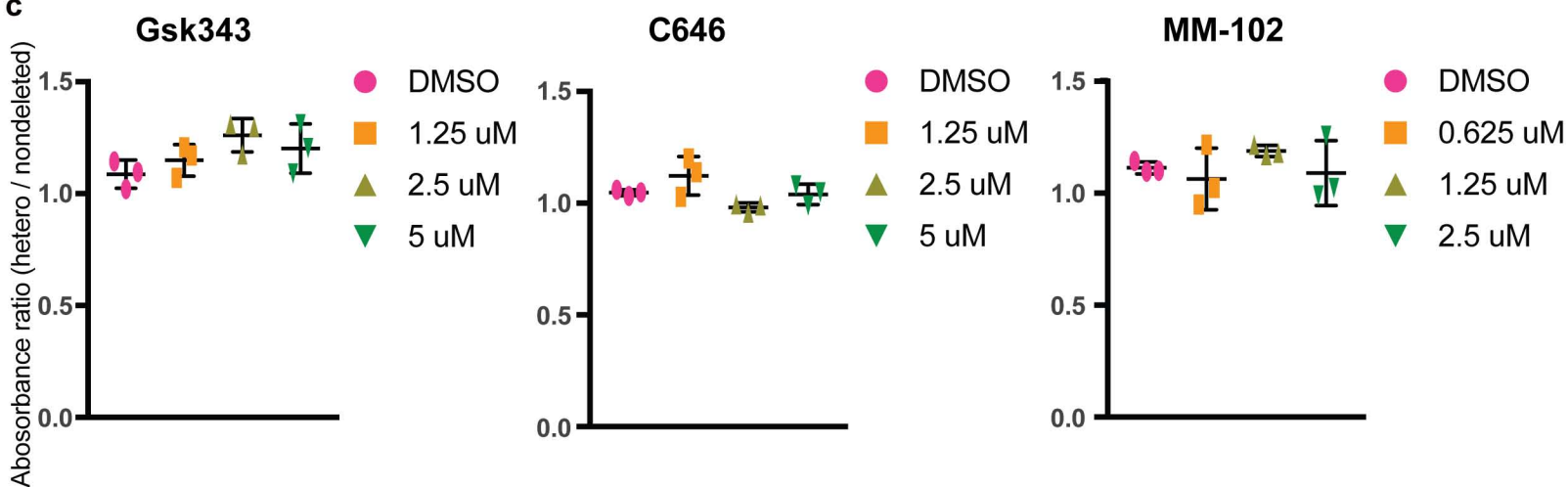
down-regulated genes in <i>Mettl14</i> KO E14.5 NSCs			
Gene ontology term	Gene count	GO term size	P value
M phase	78	283	7.34E-20
DNA metabolic proces:	218	421	1.11E-20
cell cycle phase	212	328	1.31E-21
chromosomal part	163	318	1.86E-22
cell cycle process	176	393	3.36E-22
chromosome	98	378	7.96E-25
cell cycle	140	611	8.24E-28

up-regulated genes in <i>Mettl14</i> KO E14.5 NSCs			
Gene ontology term	Gene count	GO term size	P value
neuron projection development	29	218	2.12E-03
cell morphogenesis involved in differentiati	29	212	1.39E-03
axonogenesis	25	163	1.33E-03
neuron projection morphogenesis	27	176	5.90E-04

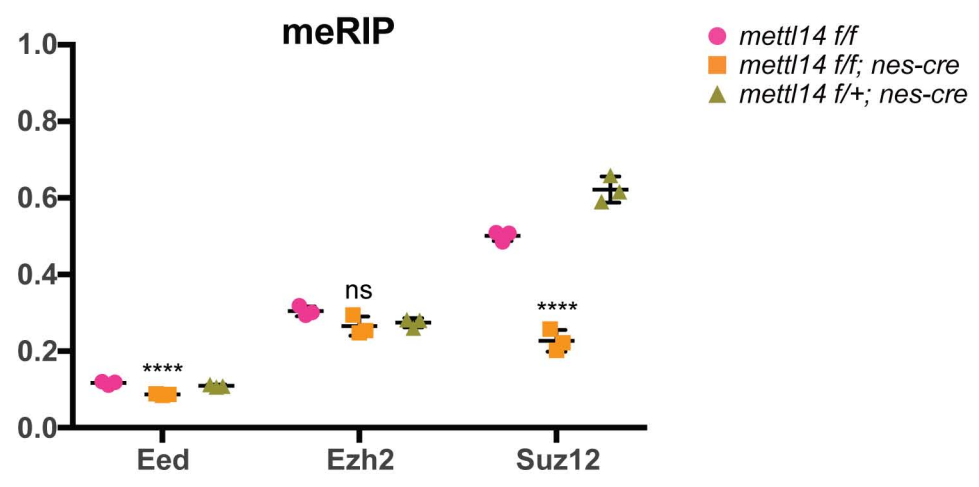
b



c

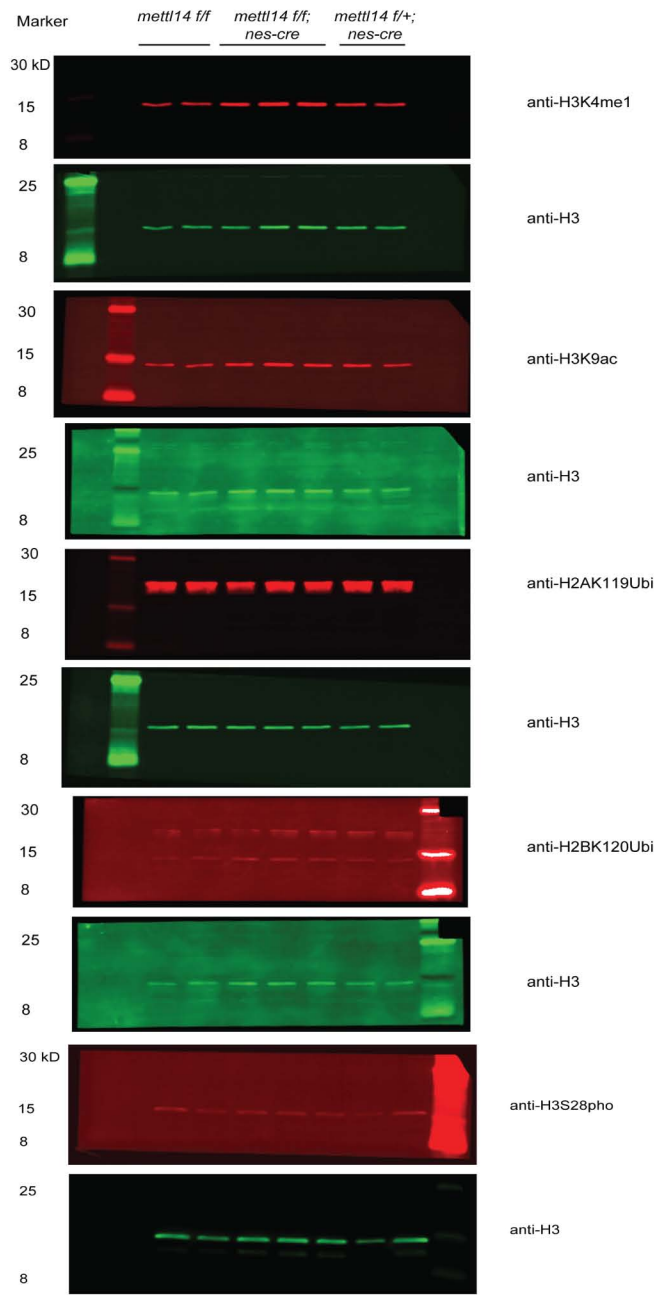
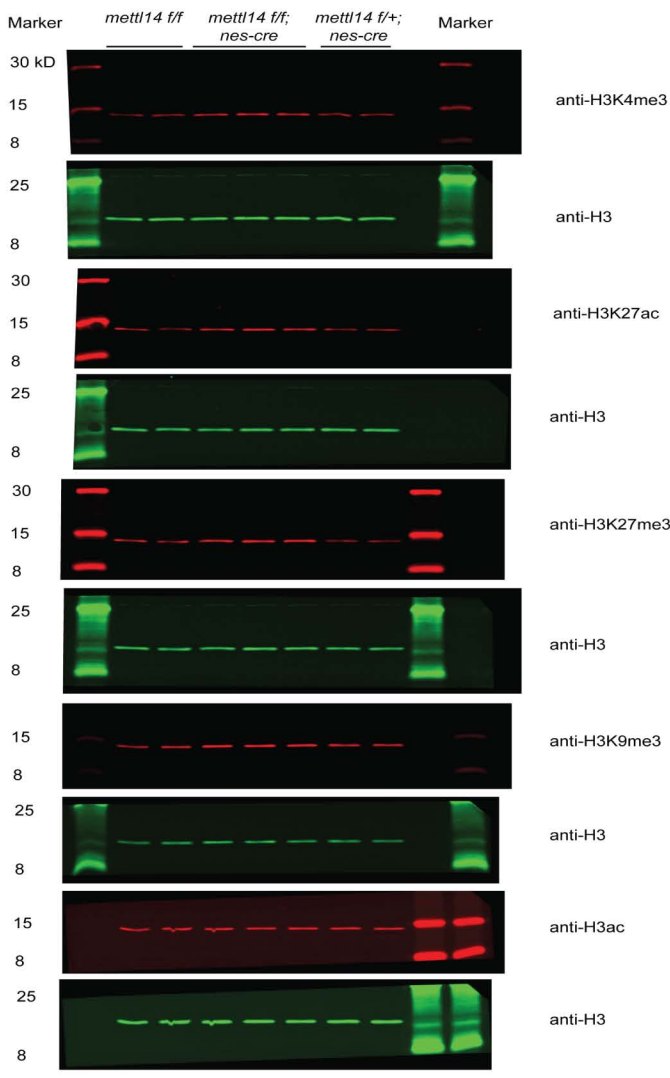


Supplementary Figure 5

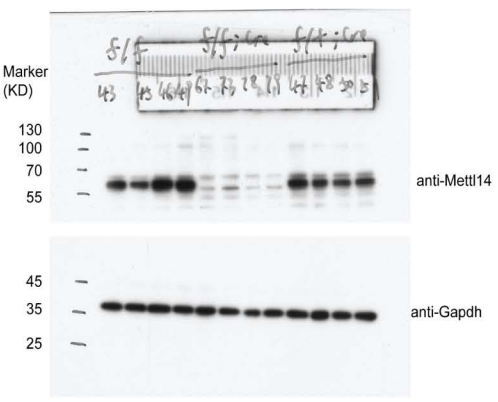


Supplementary Figure 6

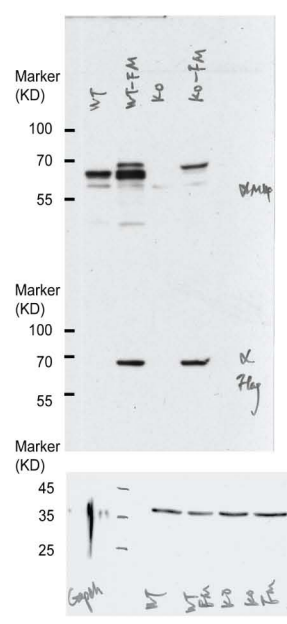
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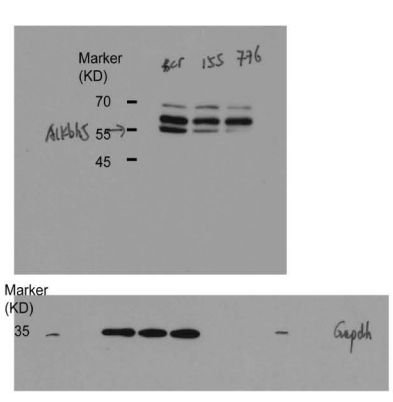
b



c



e



f

