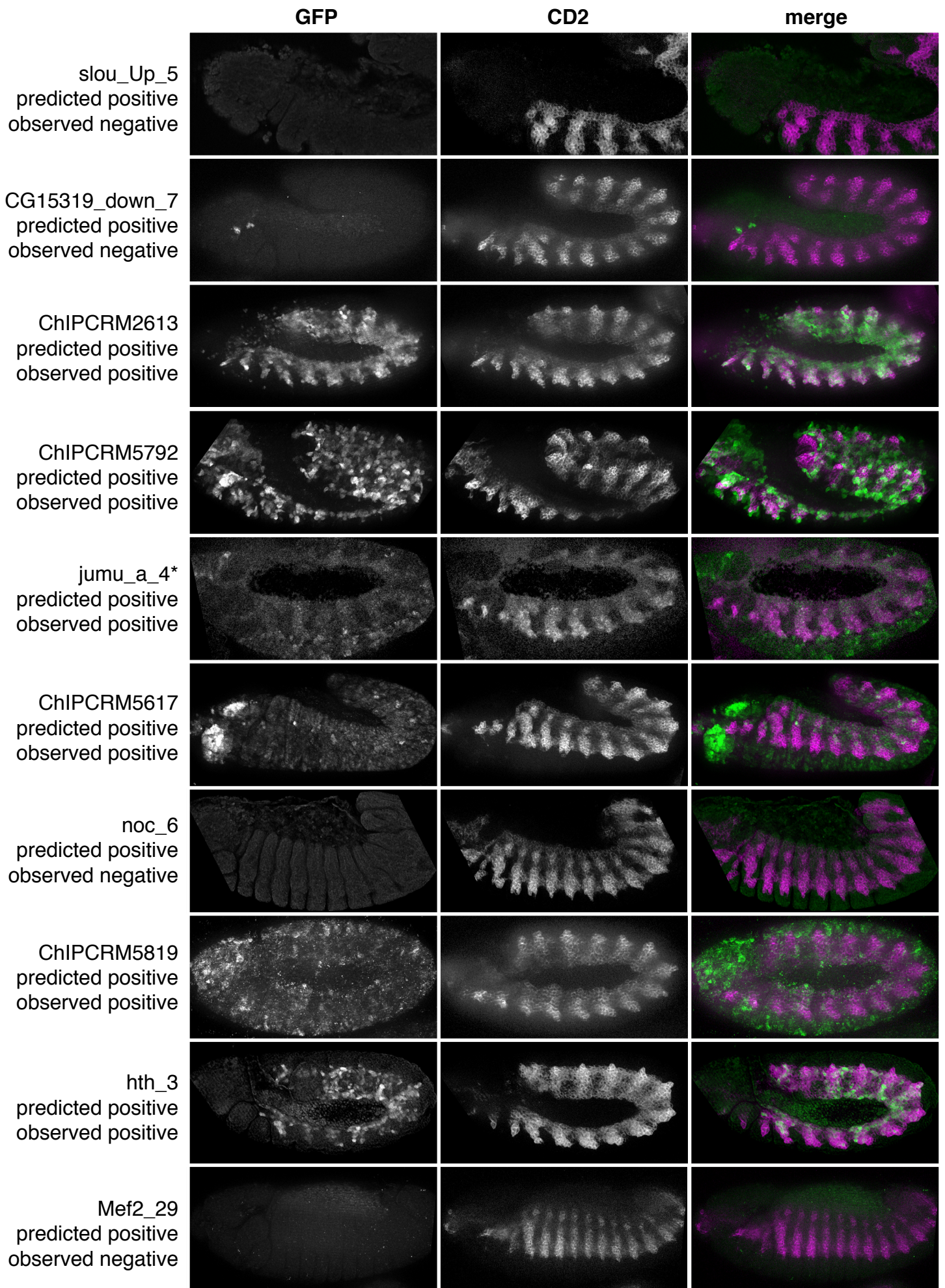
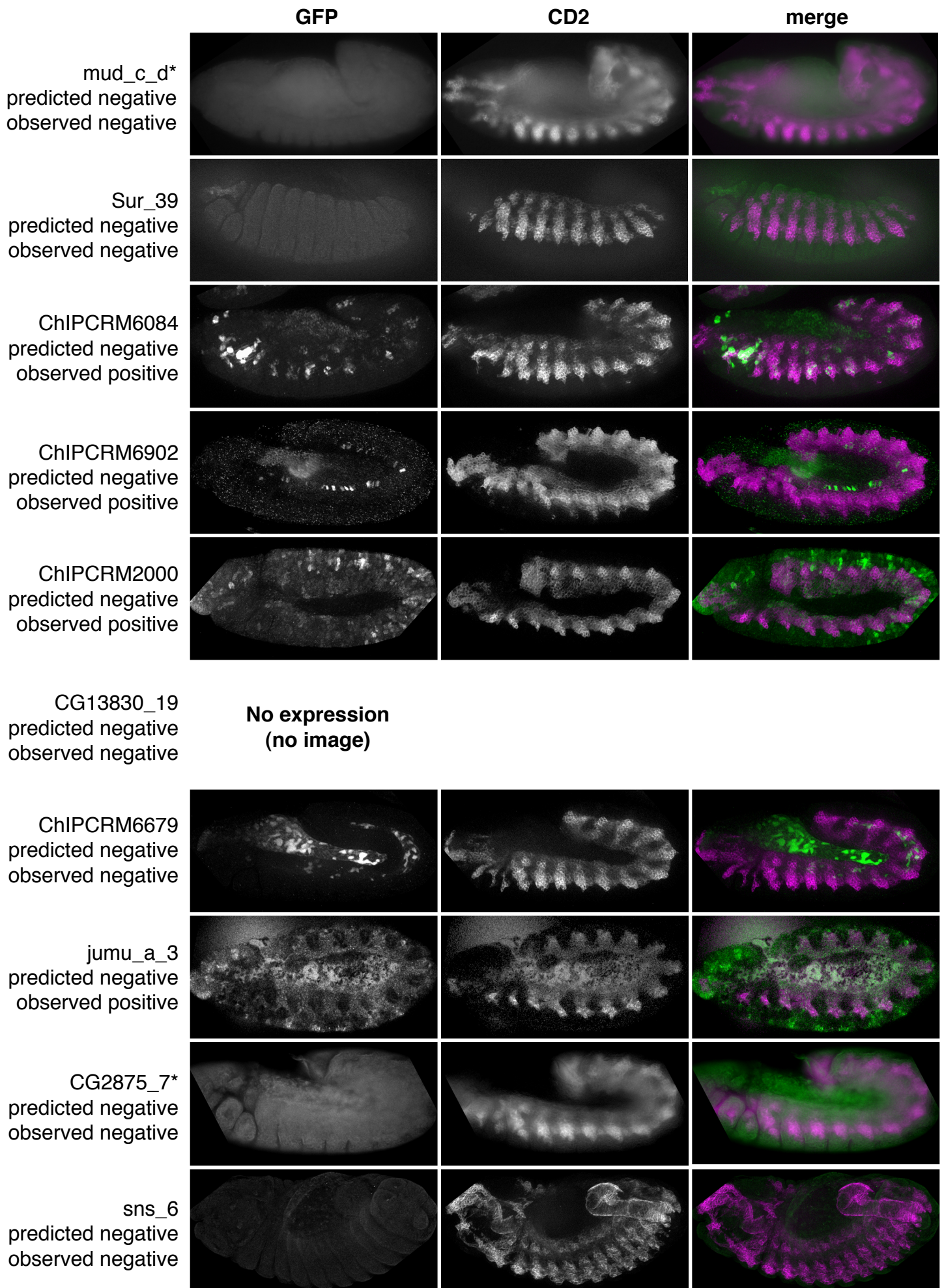


Supplementary Figure 9. Validation of classifier predictions. Activity of individual cCRMs in *twi*:CD2 cells was predicted by naive Bayes classifier (see text) and tested by conventional reporter assay. Individual cCRMs shown here were not detected in the *twi*:CD2 eFS experiment and therefore did not contribute to the training set for the classifier; several of them were detected in the *Mef2-I-ED5*:CD2 and/or *duf*:CD2 eFS experiments, and these appear also in Supplementary Figure 5. Images shown are Maximum Intensity Projections except where noted by asterisk (see Online Methods and Supplementary Note 2). Co-expression of GFP with CD2 (Supplementary Table 5) was evaluated in individual optical sections with the annotator being blind to the predicted activity of the cCRMs. Co-expression is observed as GFP and CD2 being present in the same cells, since the GFP in these embryos is nuclear, while CD2 is expressed on the cell surface (see Online Methods and Supplementary Note 2).





GFP

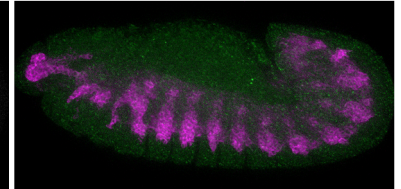
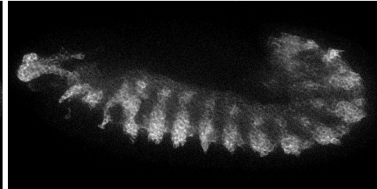
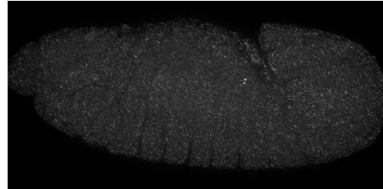
CD2

merge

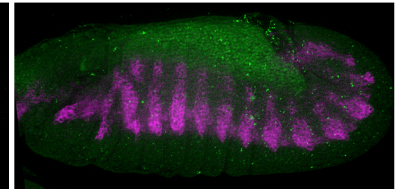
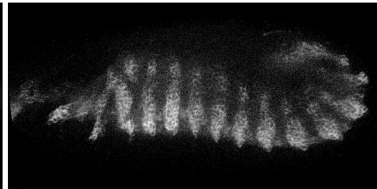
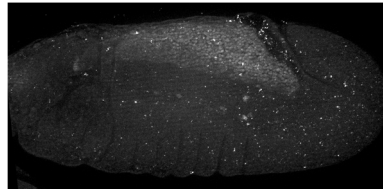
ChIPCRM4505
predicted negative
observed negative

No expression
(no image)

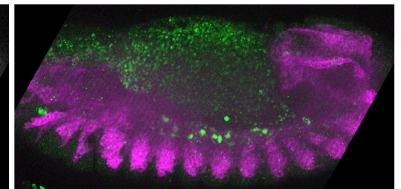
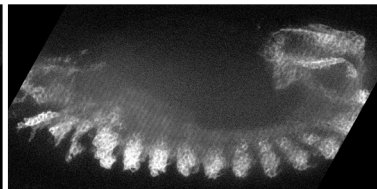
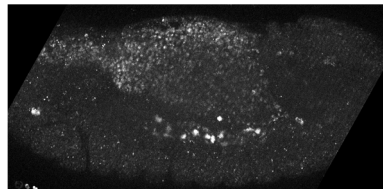
slou_Dn_1
predicted negative
observed negative



nau_Dn_2
predicted negative
observed negative



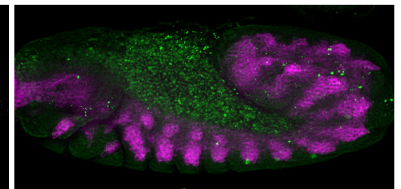
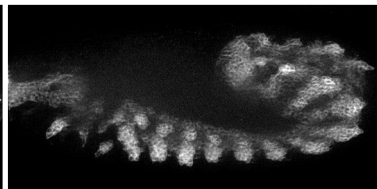
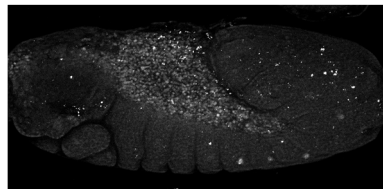
ChIPCRM4351
predicted negative
observed positive



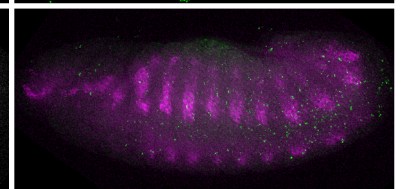
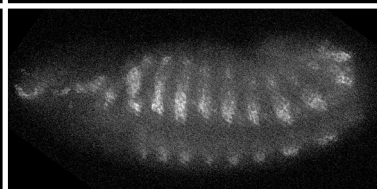
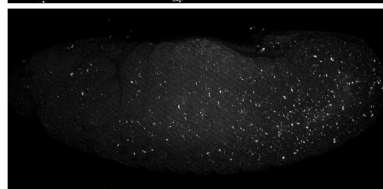
numb_34
predicted negative
observed negative

No expression
(no image)

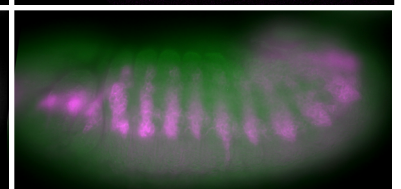
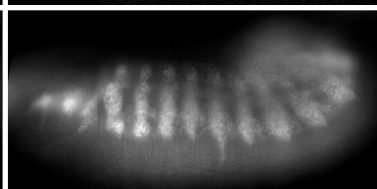
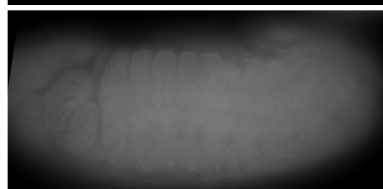
mew_35
predicted negative
observed negative



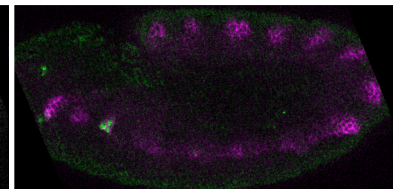
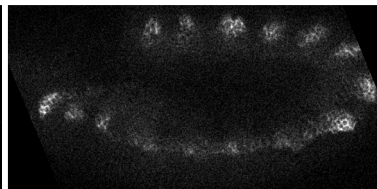
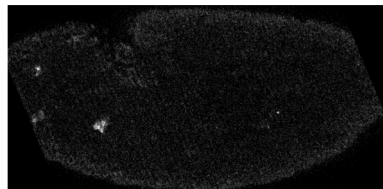
slou_Dn_4
predicted negative
observed negative



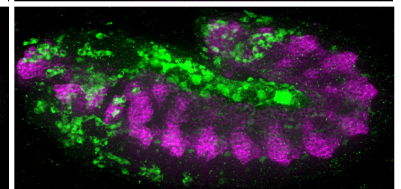
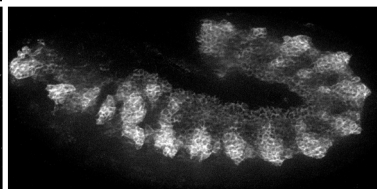
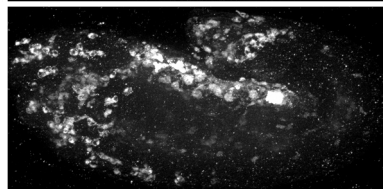
CBP4280*
predicted negative
observed negative



ChIPCRM2929*
predicted negative
observed positive



Jupiter_16
predicted negative
observed positive

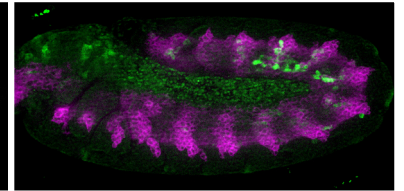
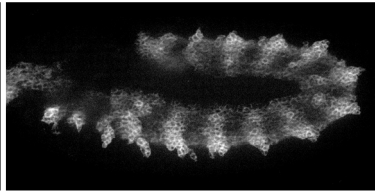
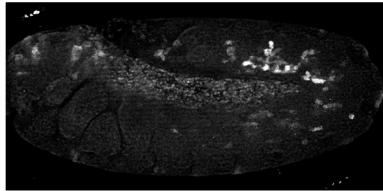


GFP

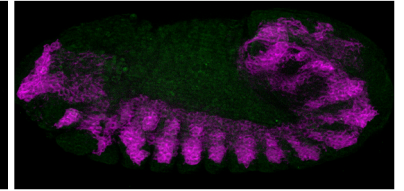
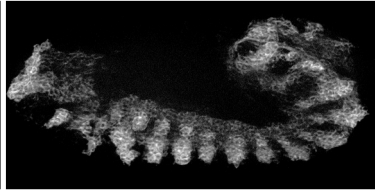
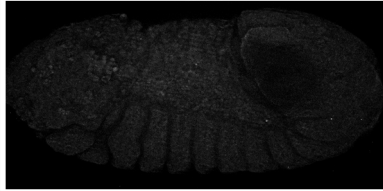
CD2

merge

pnut_13
predicted negative
observed positive



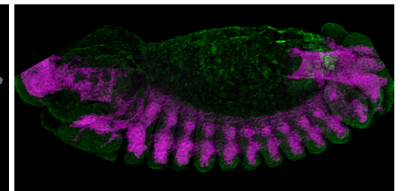
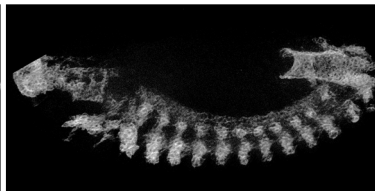
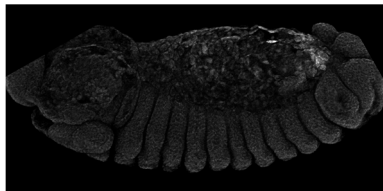
slou_Up_1
predicted negative
observed negative



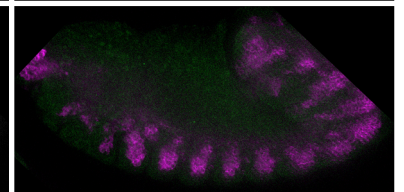
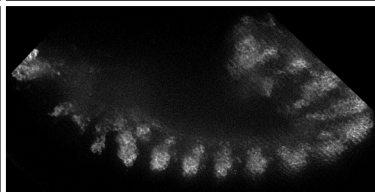
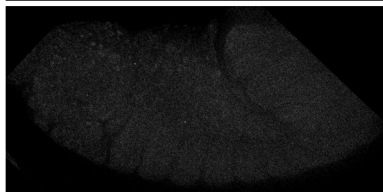
CG15319_down_12
predicted negative
observed negative

No expression
(no image)

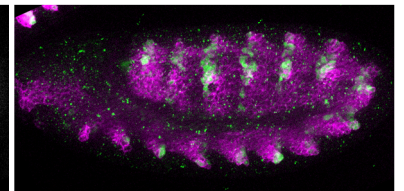
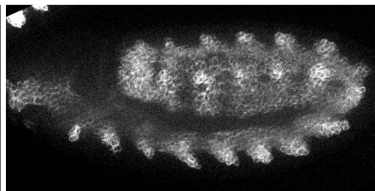
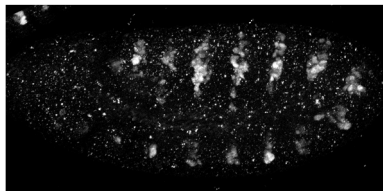
G-alpha47A_5
predicted negative
observed negative



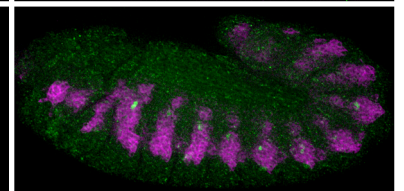
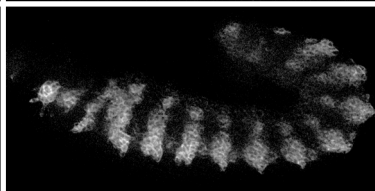
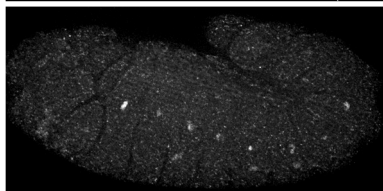
TyrR_33
predicted negative
observed negative



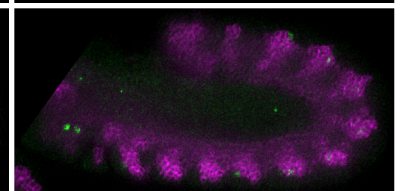
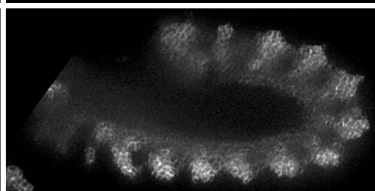
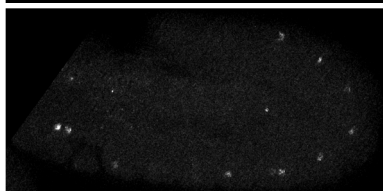
ChIPCRM5857
predicted negative
observed positive



rgr_Dn
predicted negative
observed negative



ChIPCRM4231
predicted negative
observed negative



ChIPCRM3430
predicted negative
observed positive

