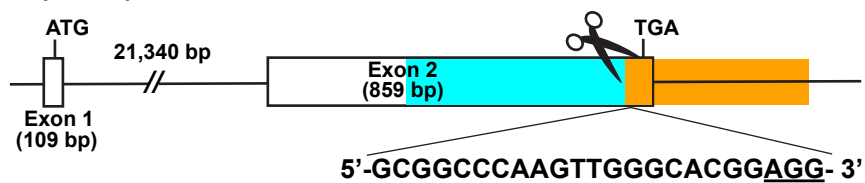
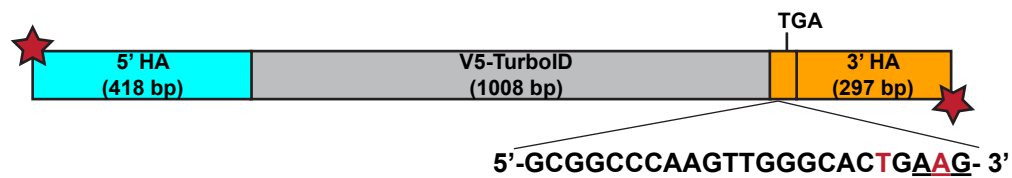


A

gjd1a/cx34.1 locus (chr 5)



dsDNA repair template

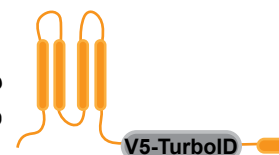


Precise genome modification

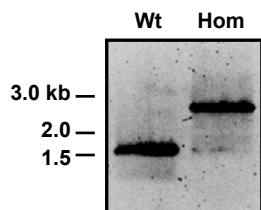


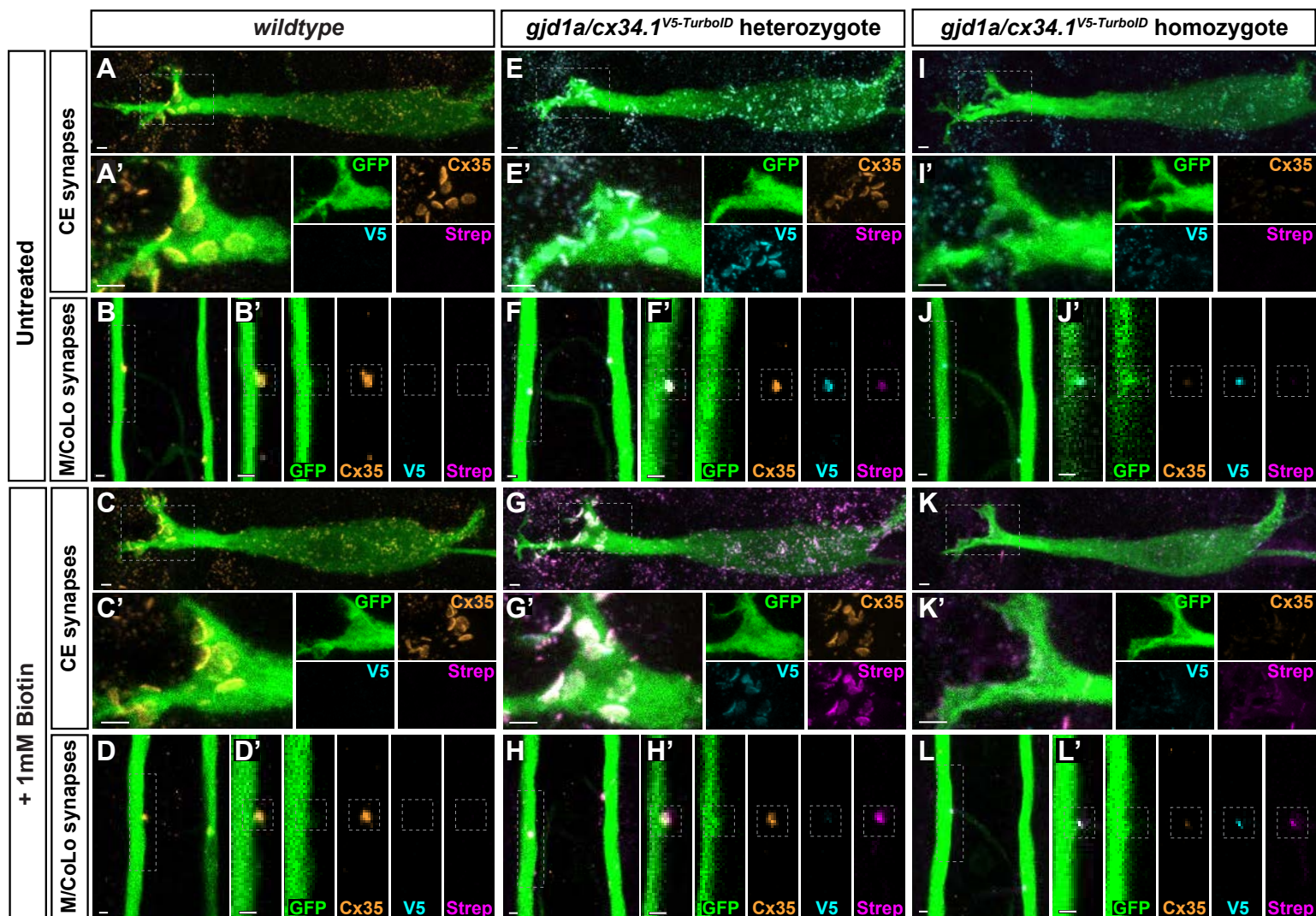
B

wt tail	256	KIKTAIRGVQARRKSICEIRKDD-----VSHLSSVPNLGRTQSSESAYV	299
modified tail	256	KIKTAIRGVQARRKSICEIRKDD-V5-TurboID-VSHLSSVPNLGRTQSSESAYV	380



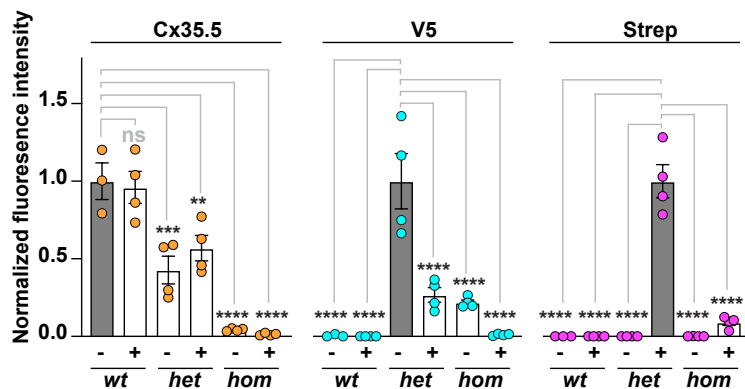
C





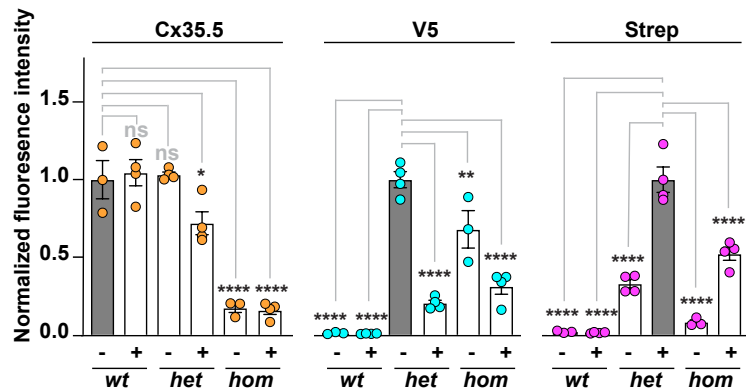
M

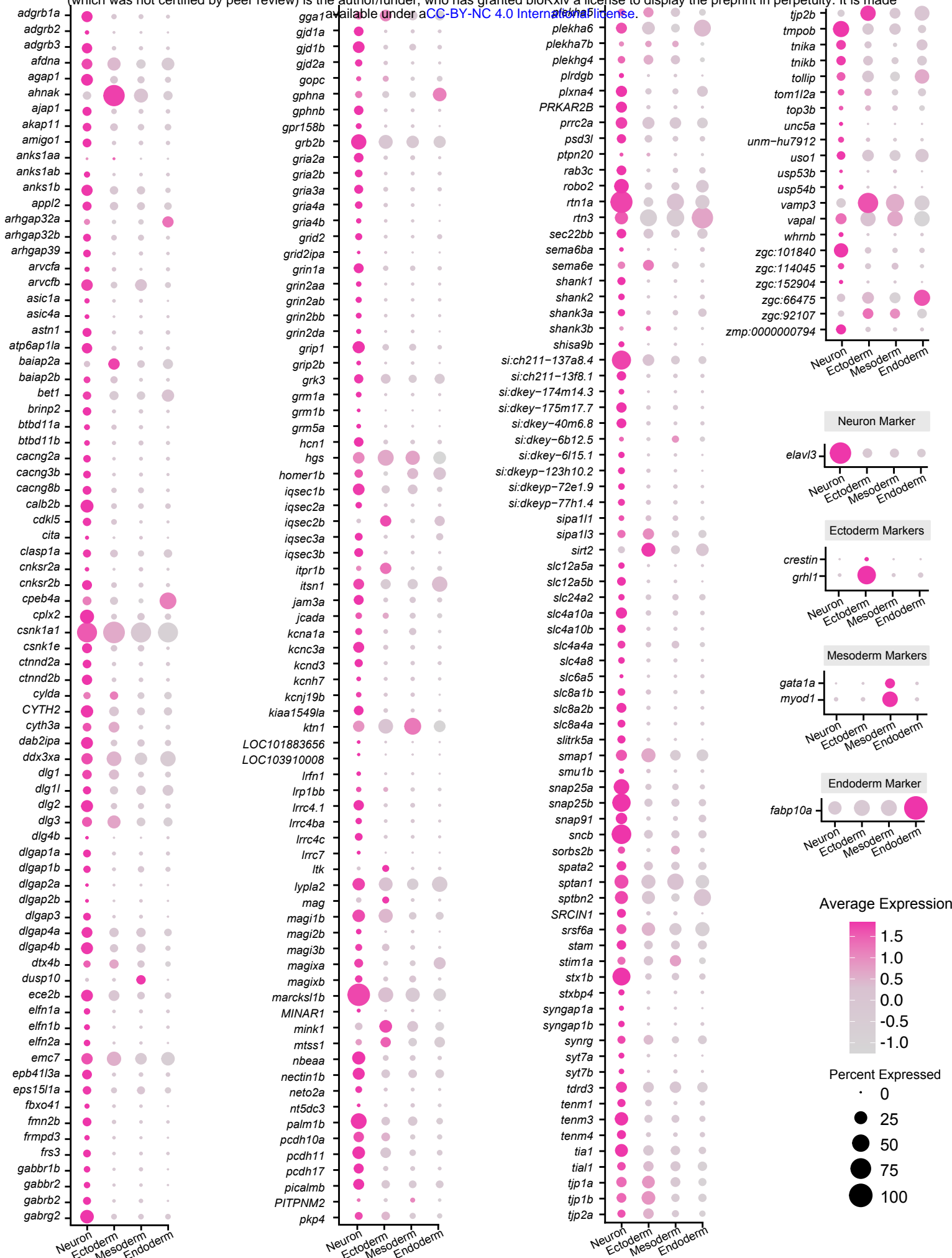
CE synapses



N

M/CoLo synapses

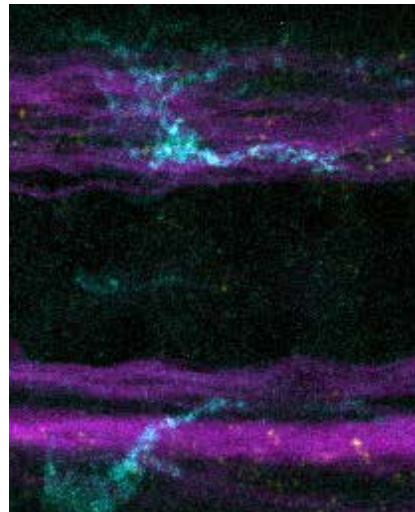
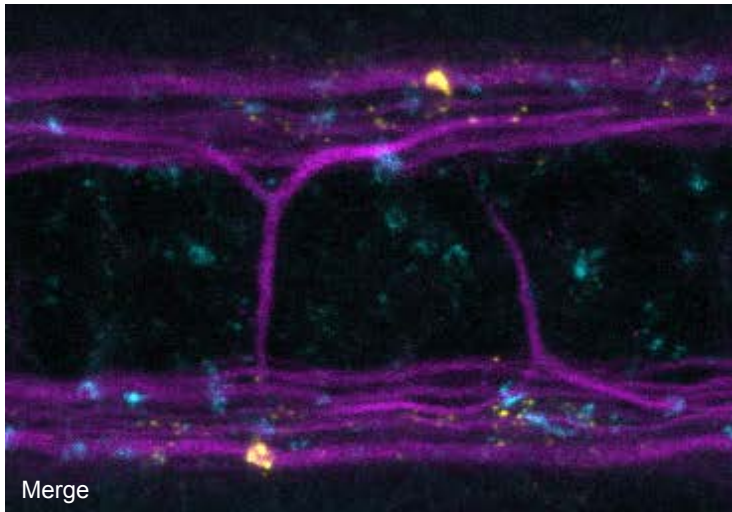




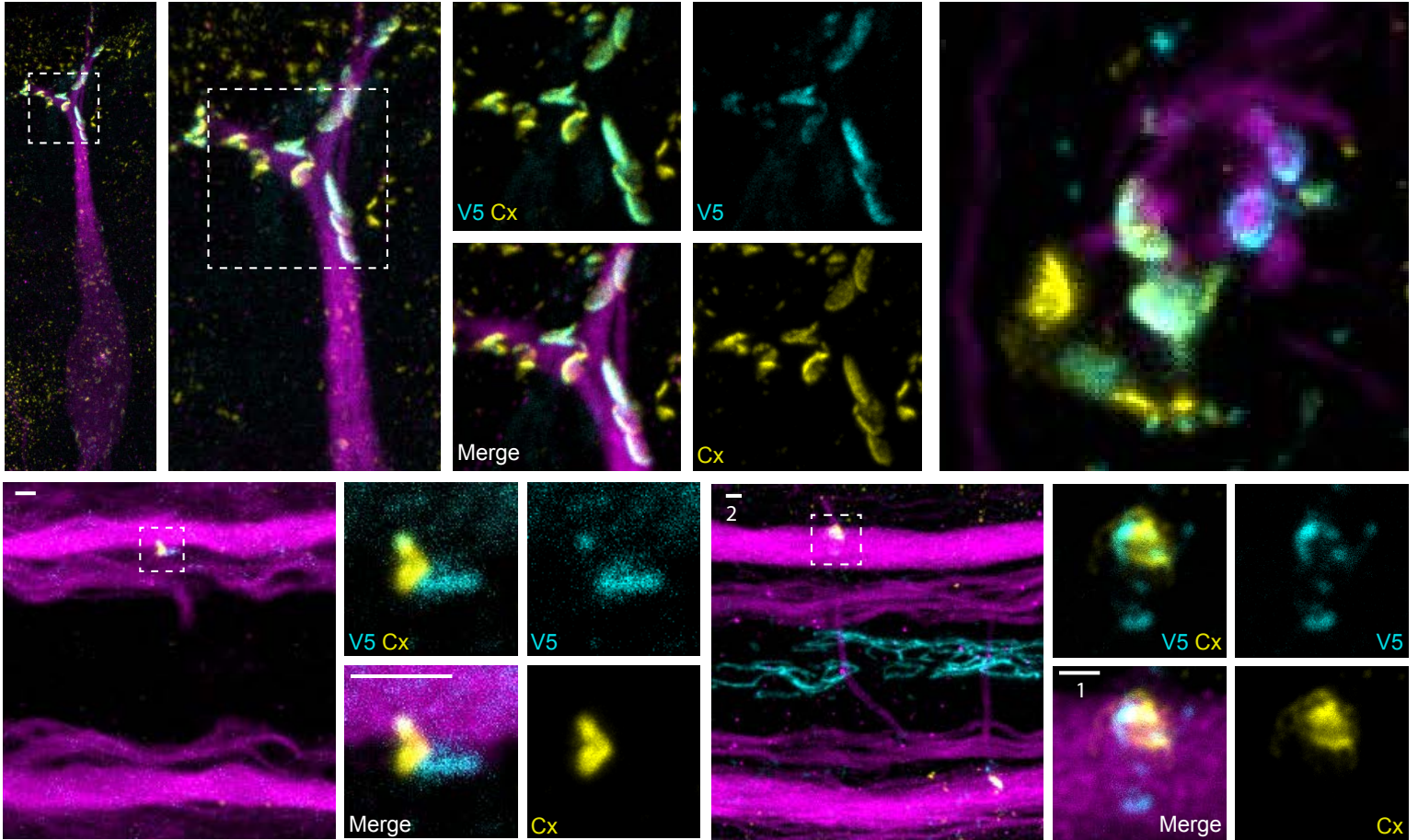
Adgrb1a

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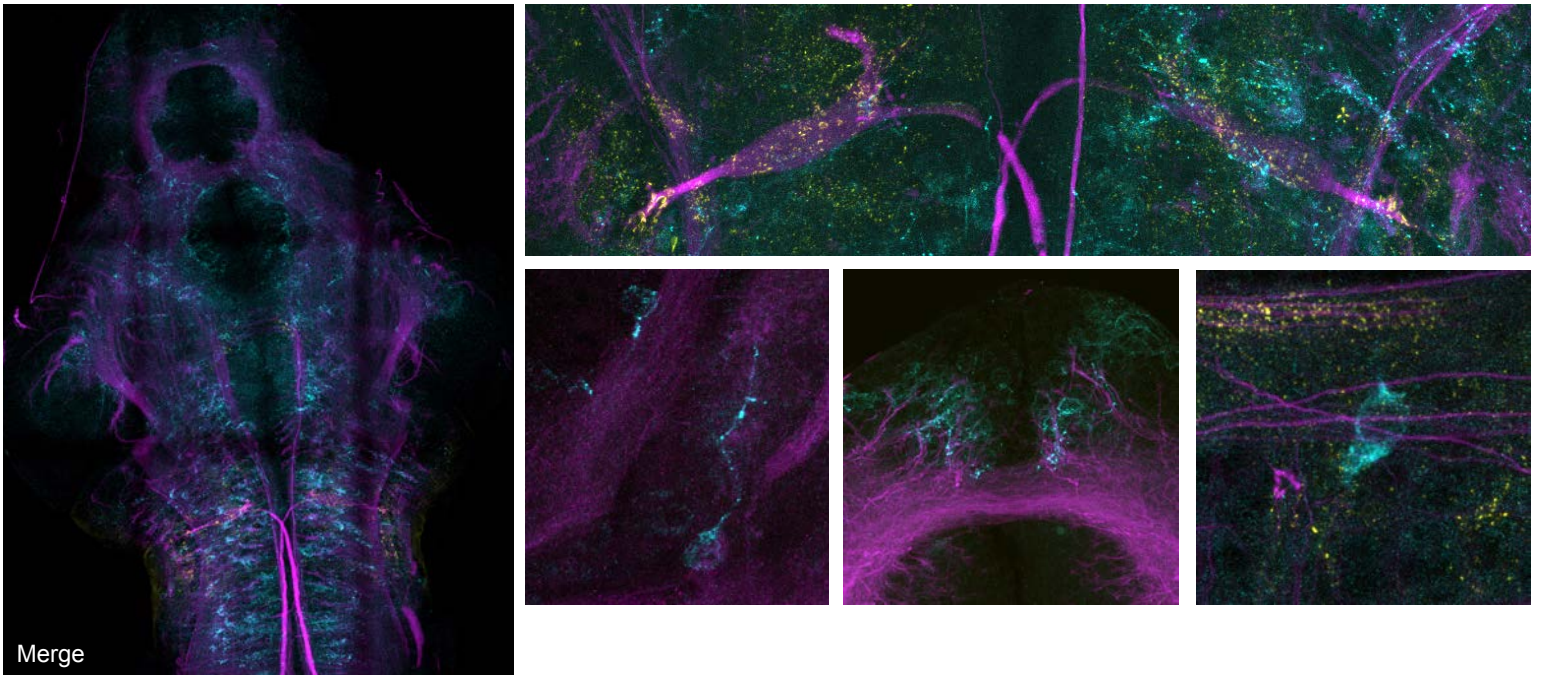
Adgrb3



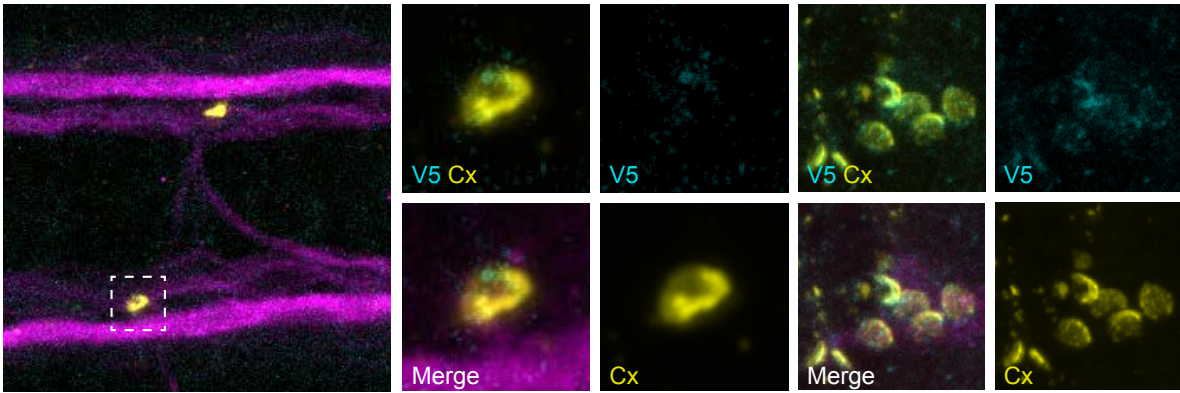
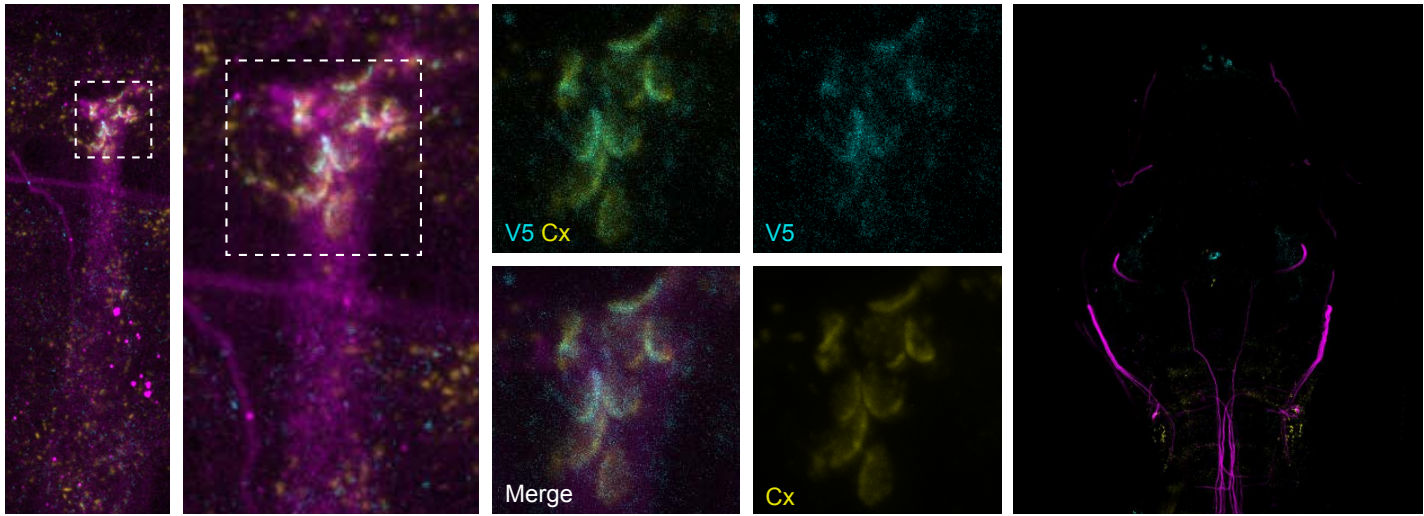
Afdna



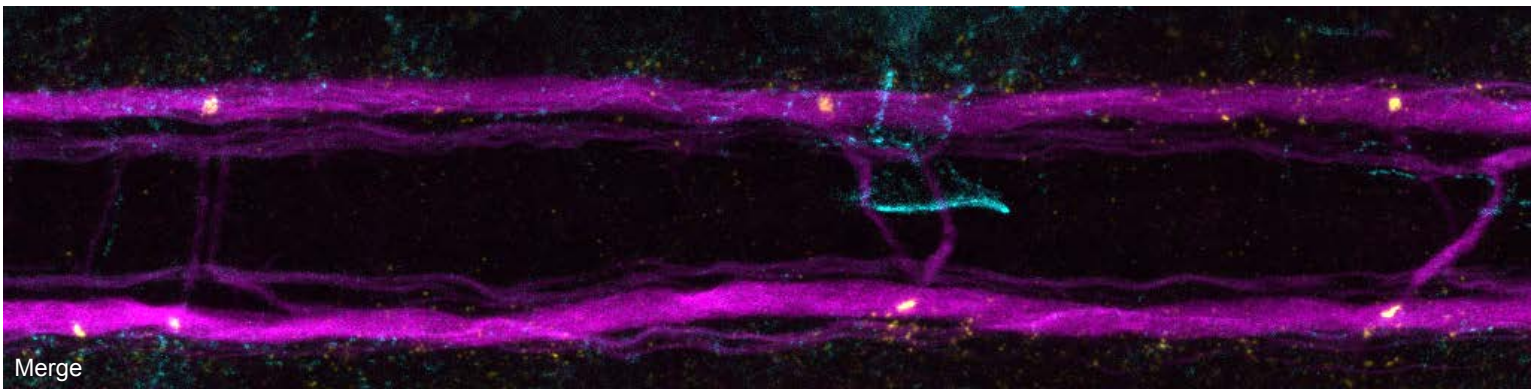
Amigo1



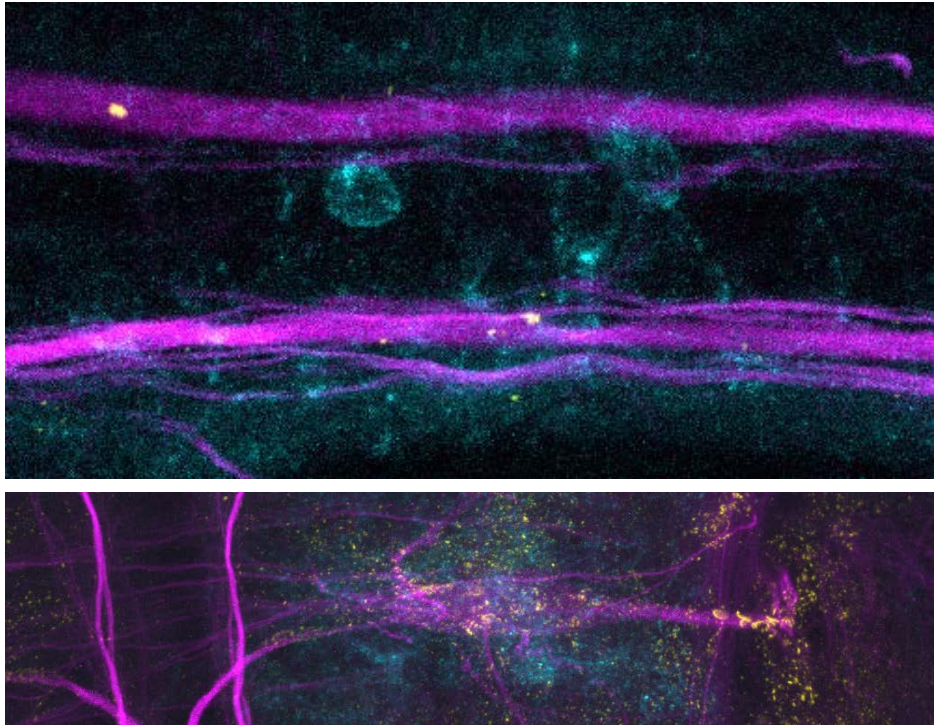
Arvcfa



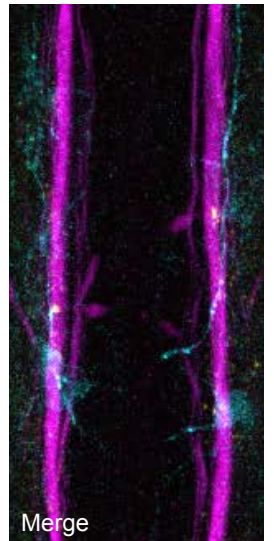
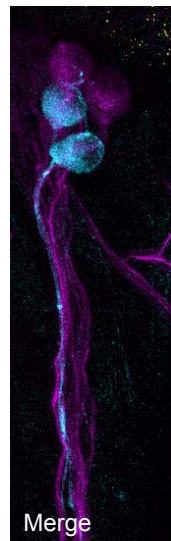
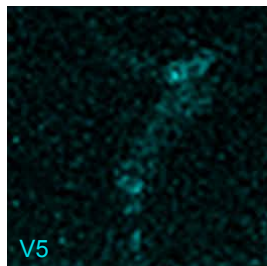
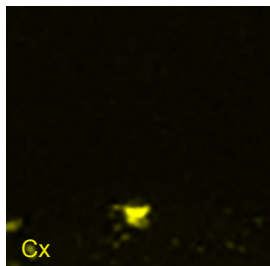
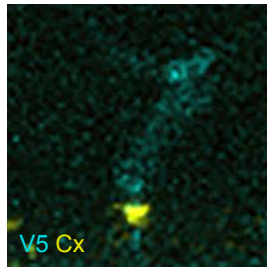
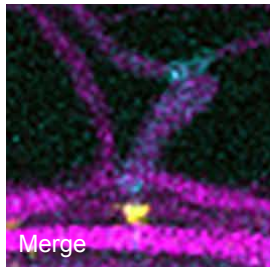
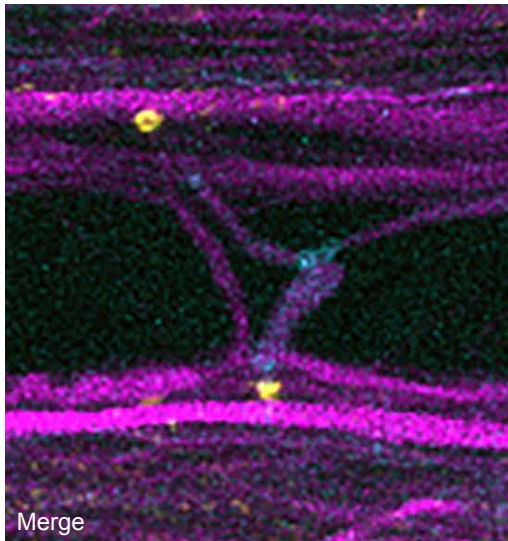
Arvcfb



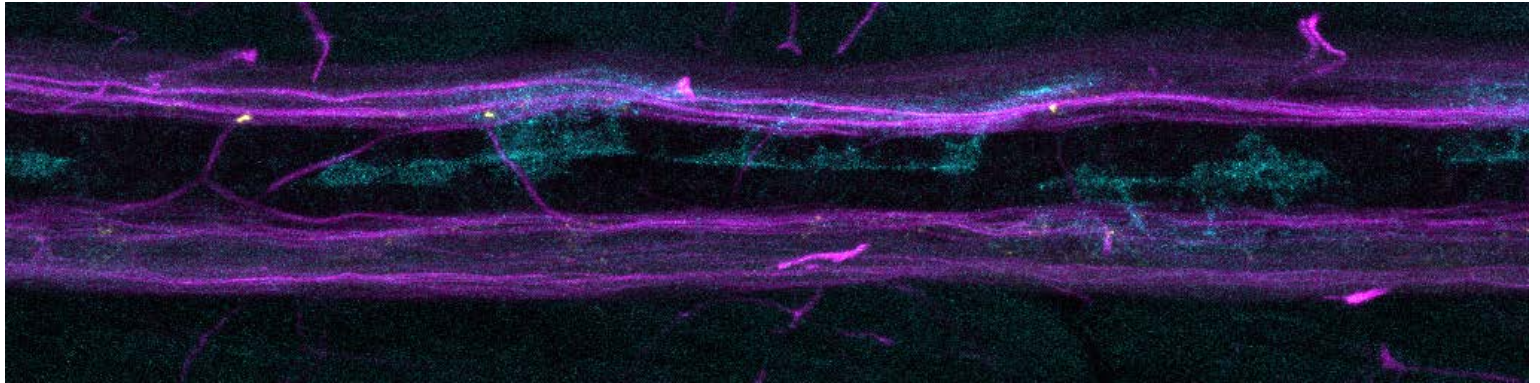
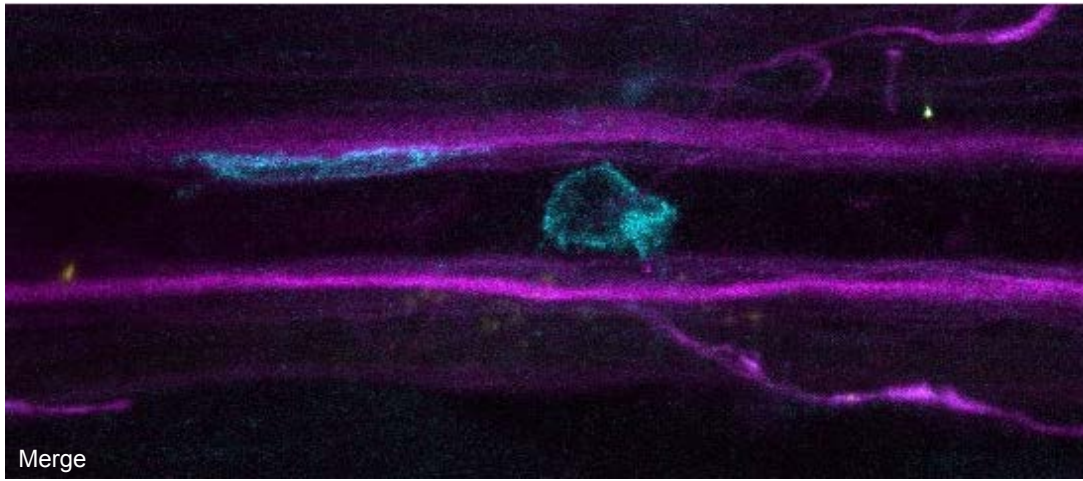
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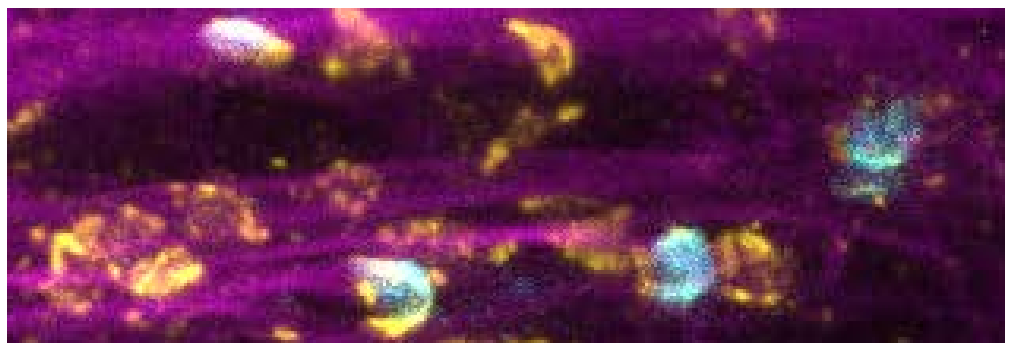
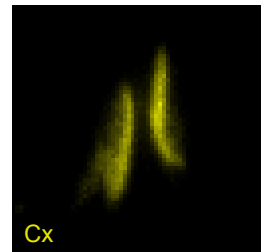
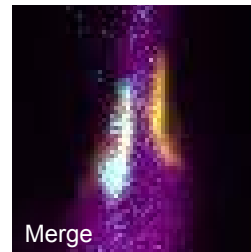
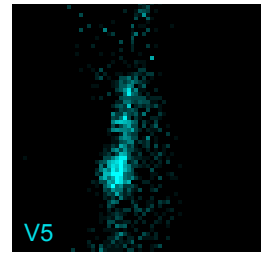
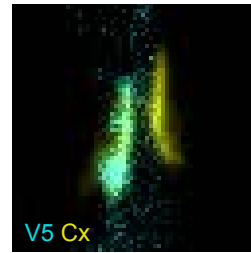
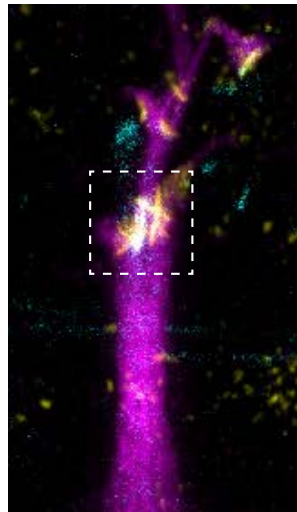
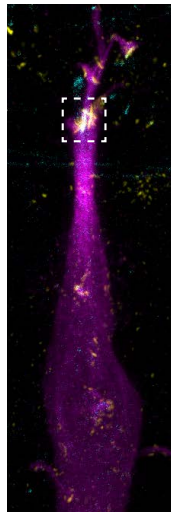
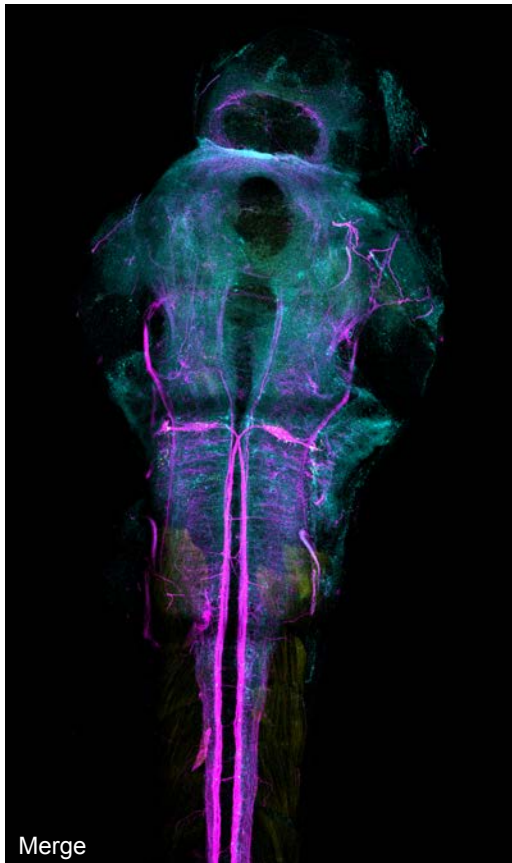
Band4.1



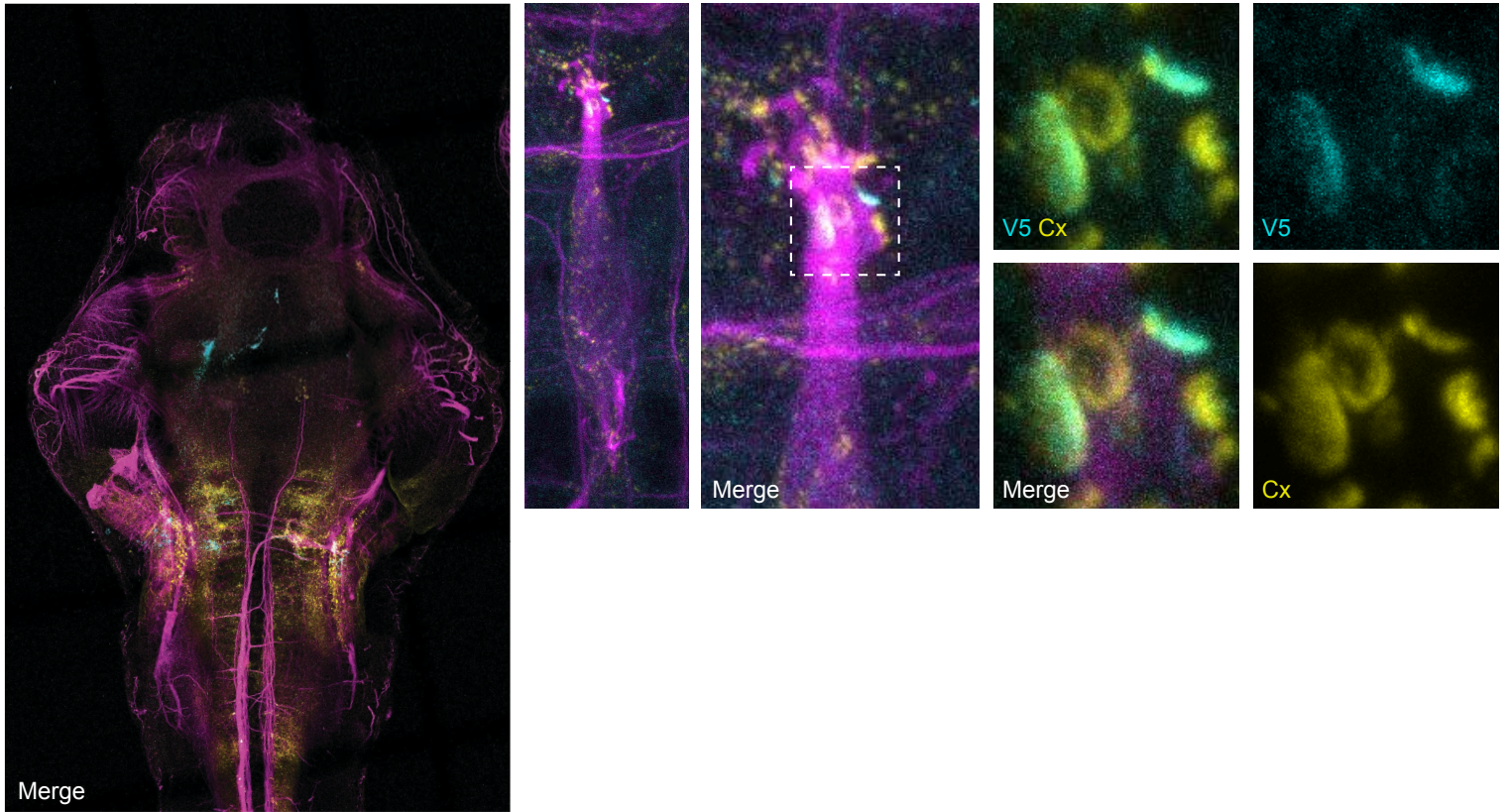
Cdk15



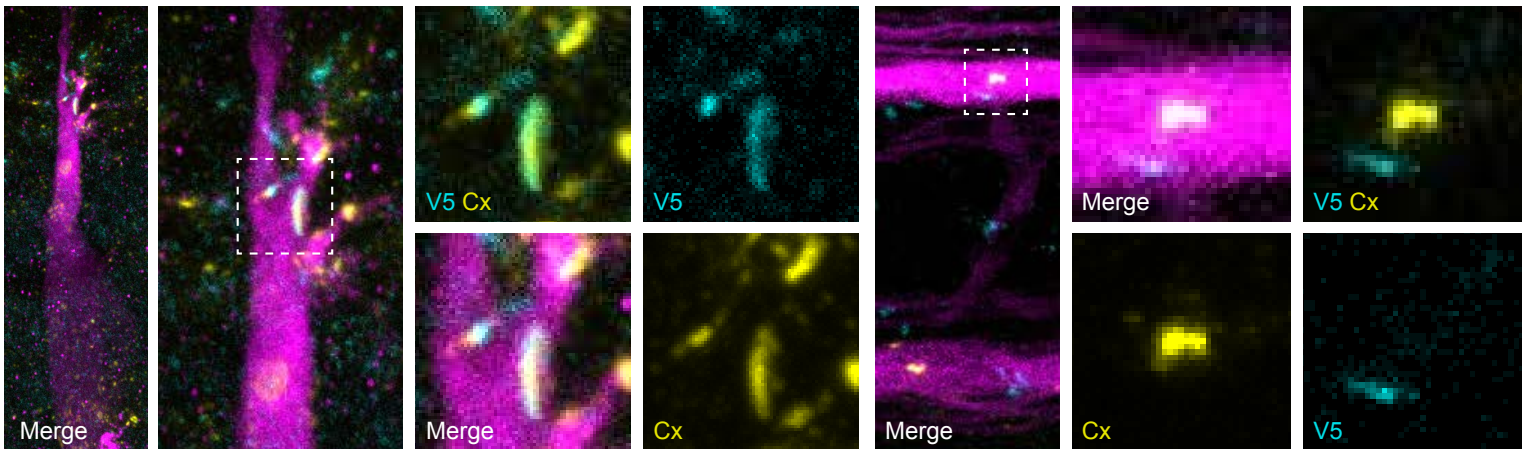
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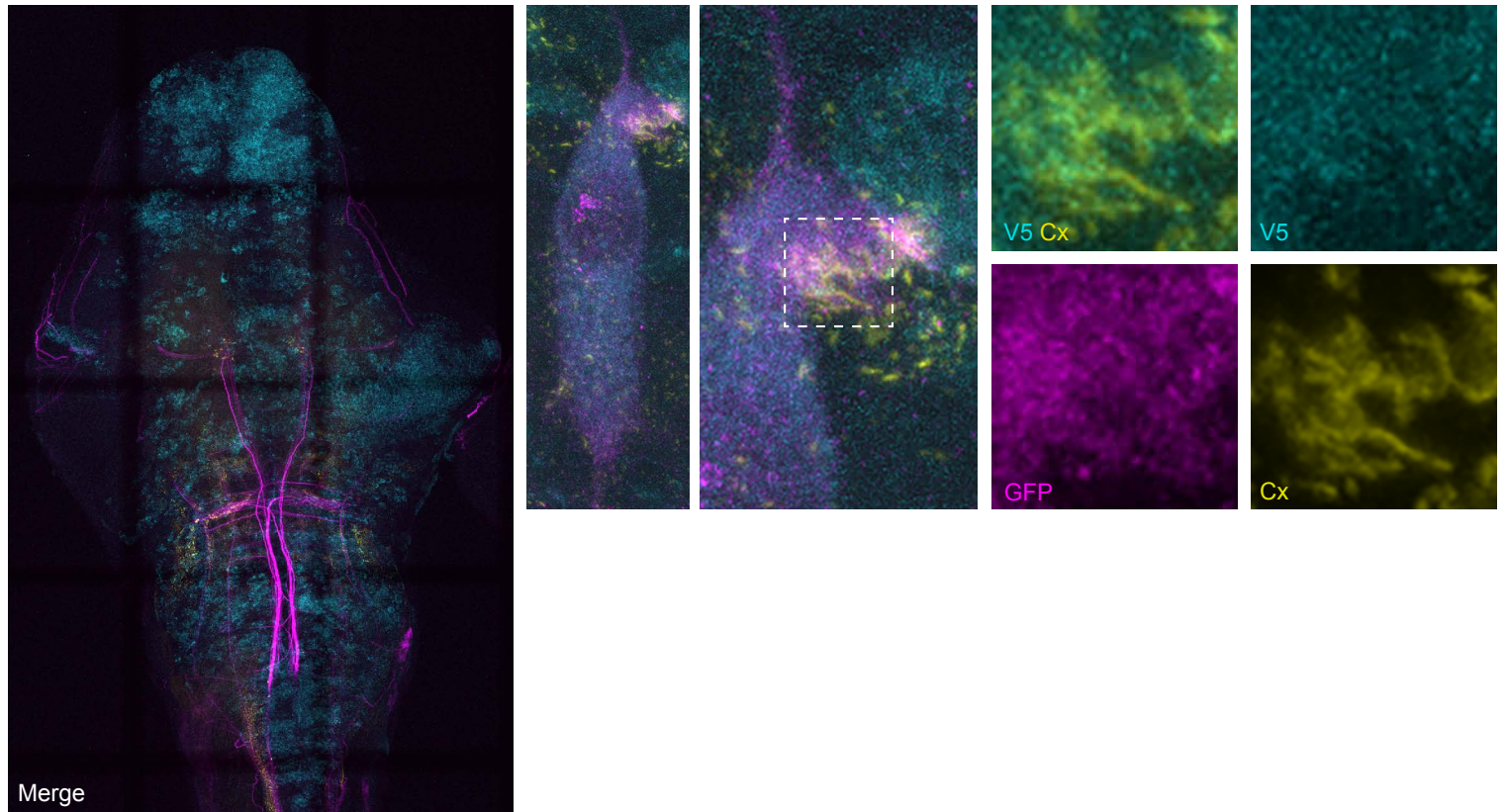
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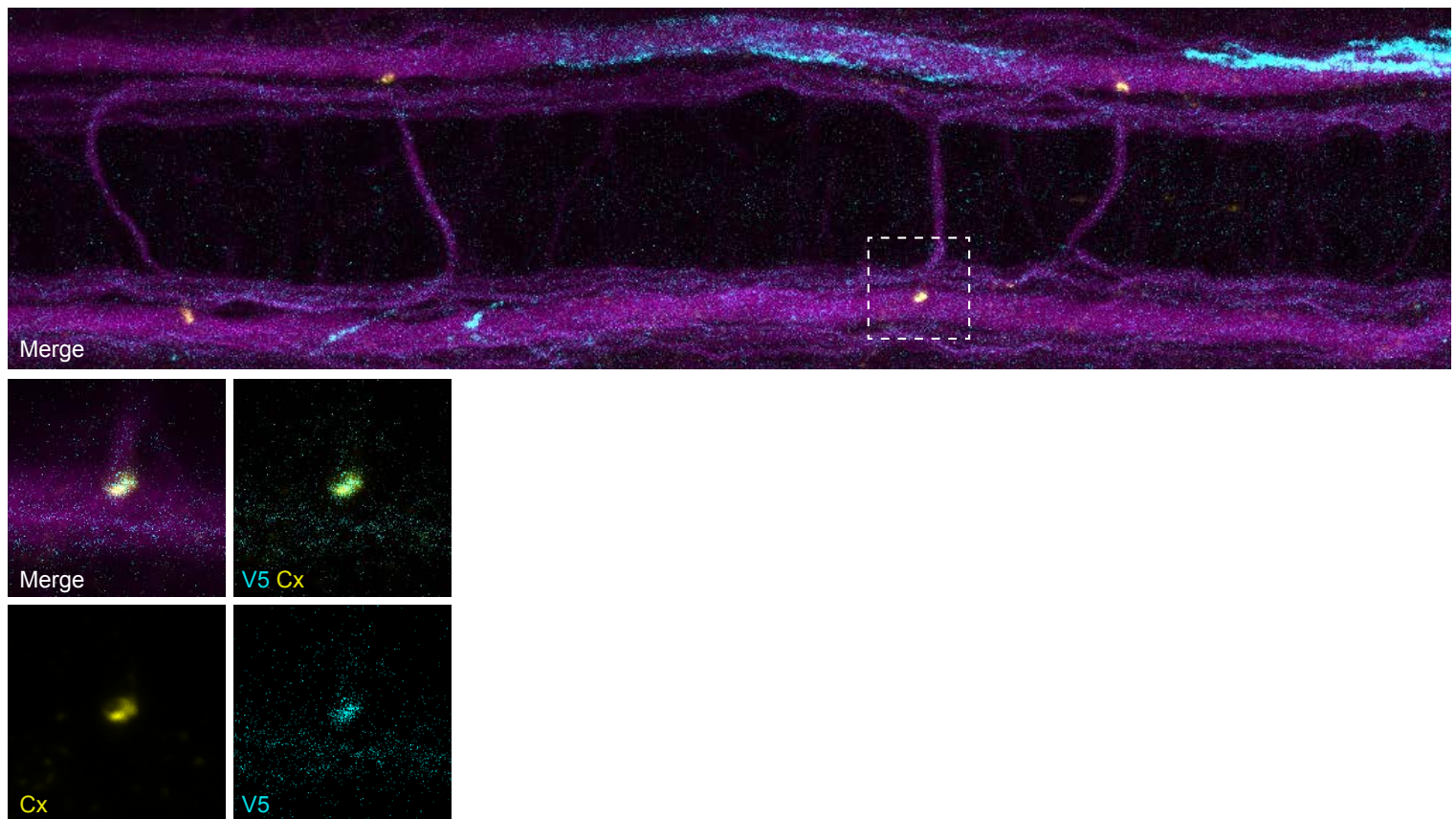
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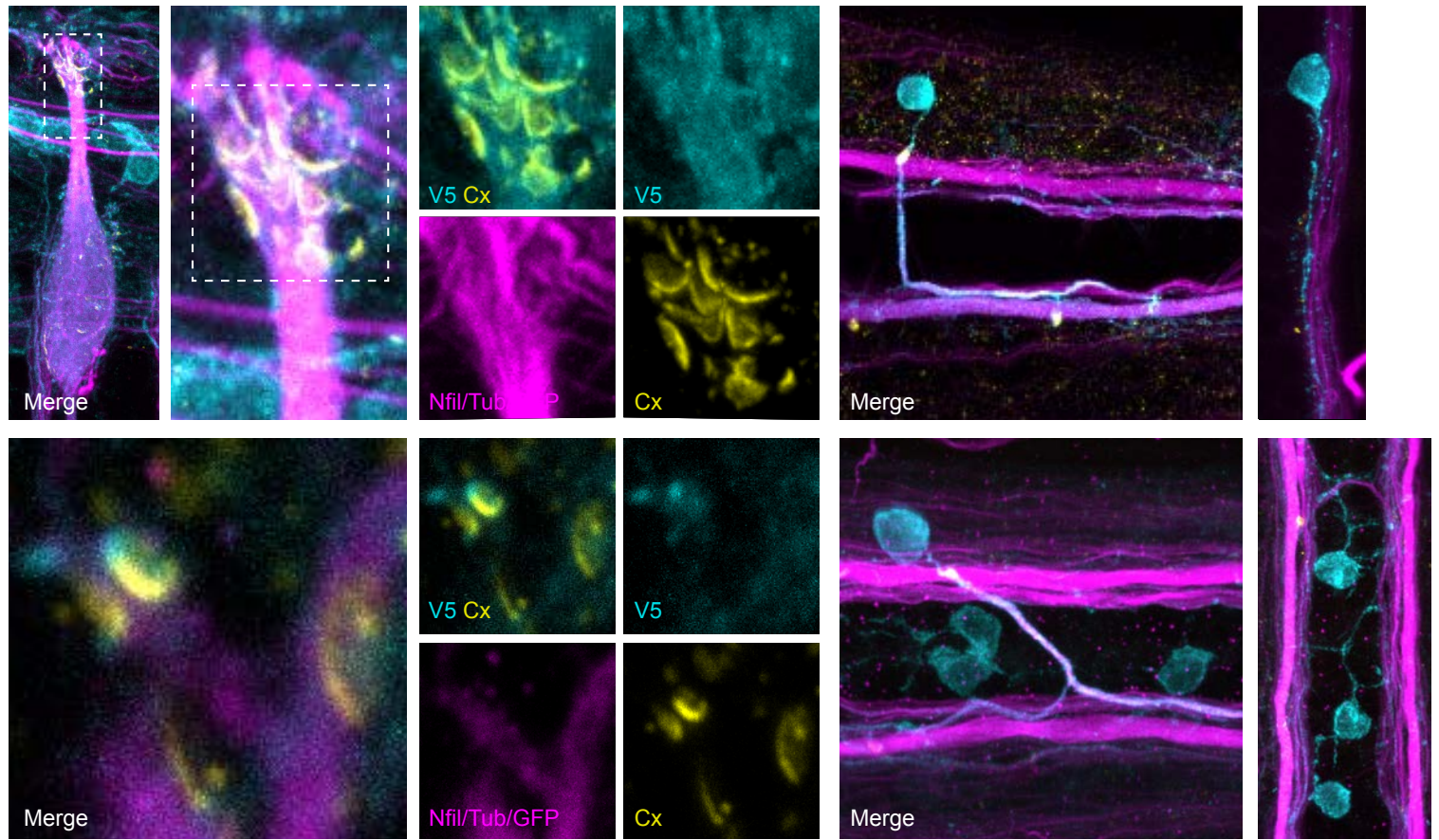
Ddx3xa



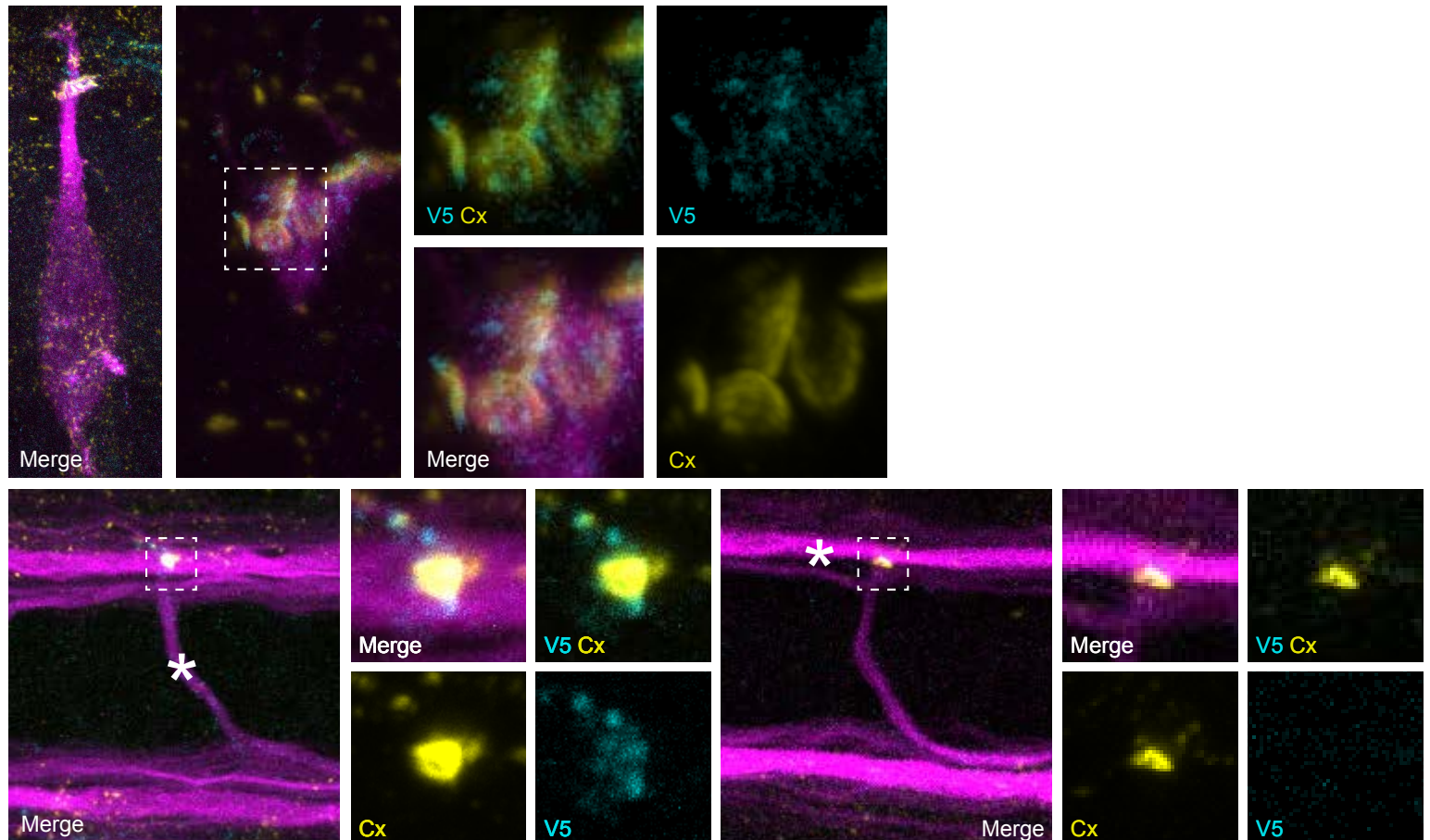
Dlg1b



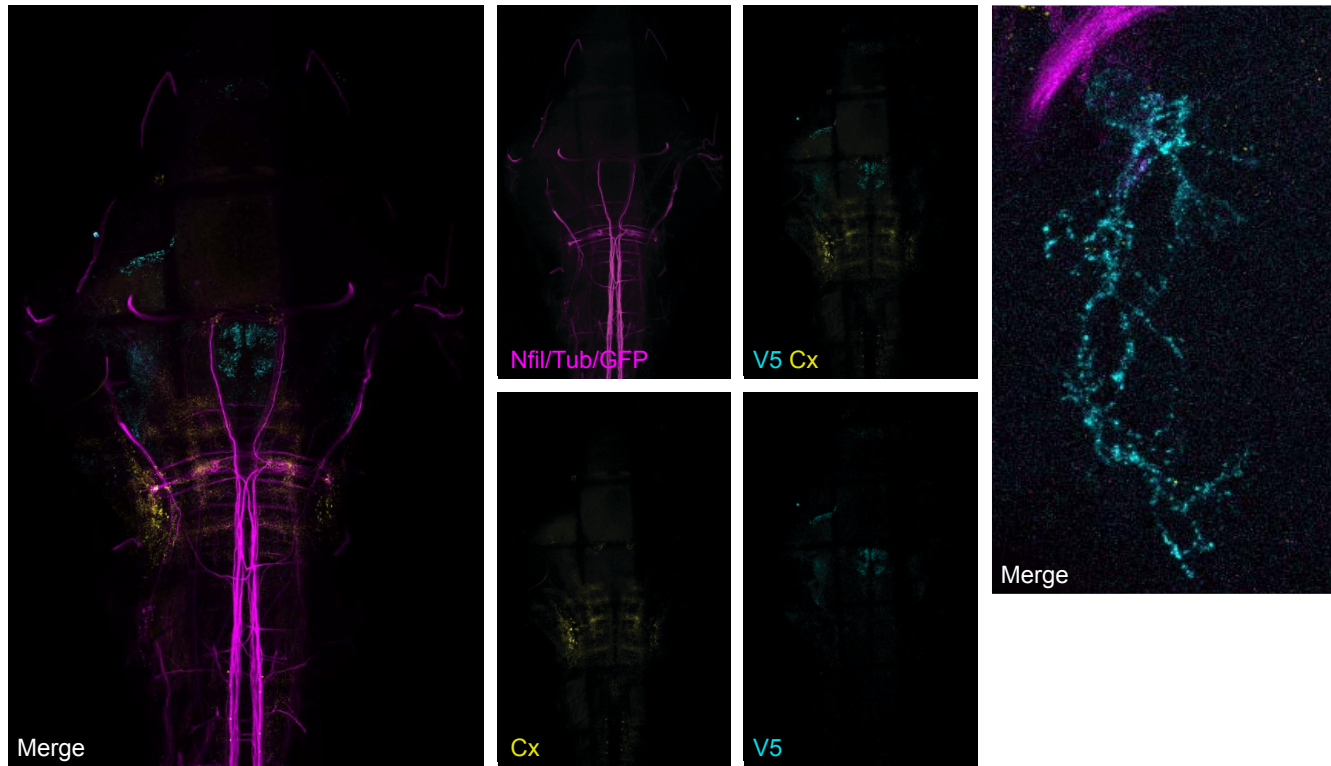
Dlg2



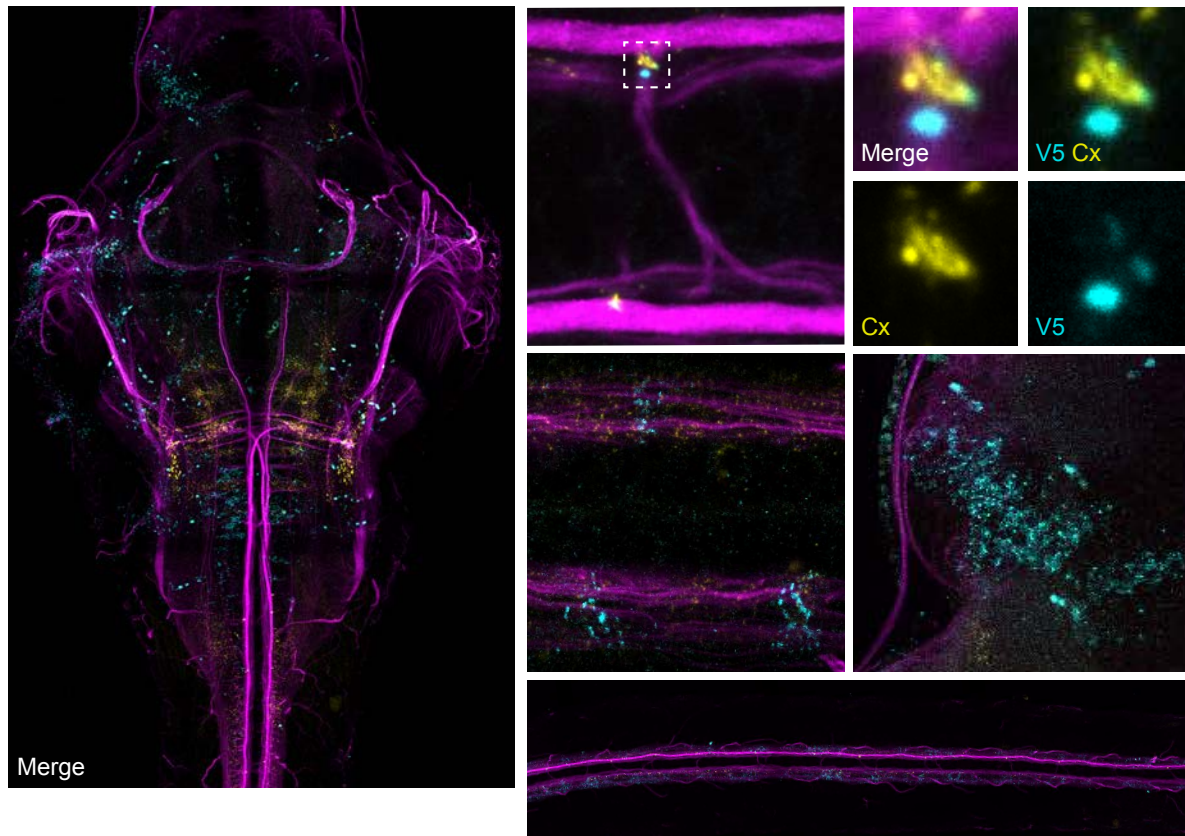
Dlg3/Sap102



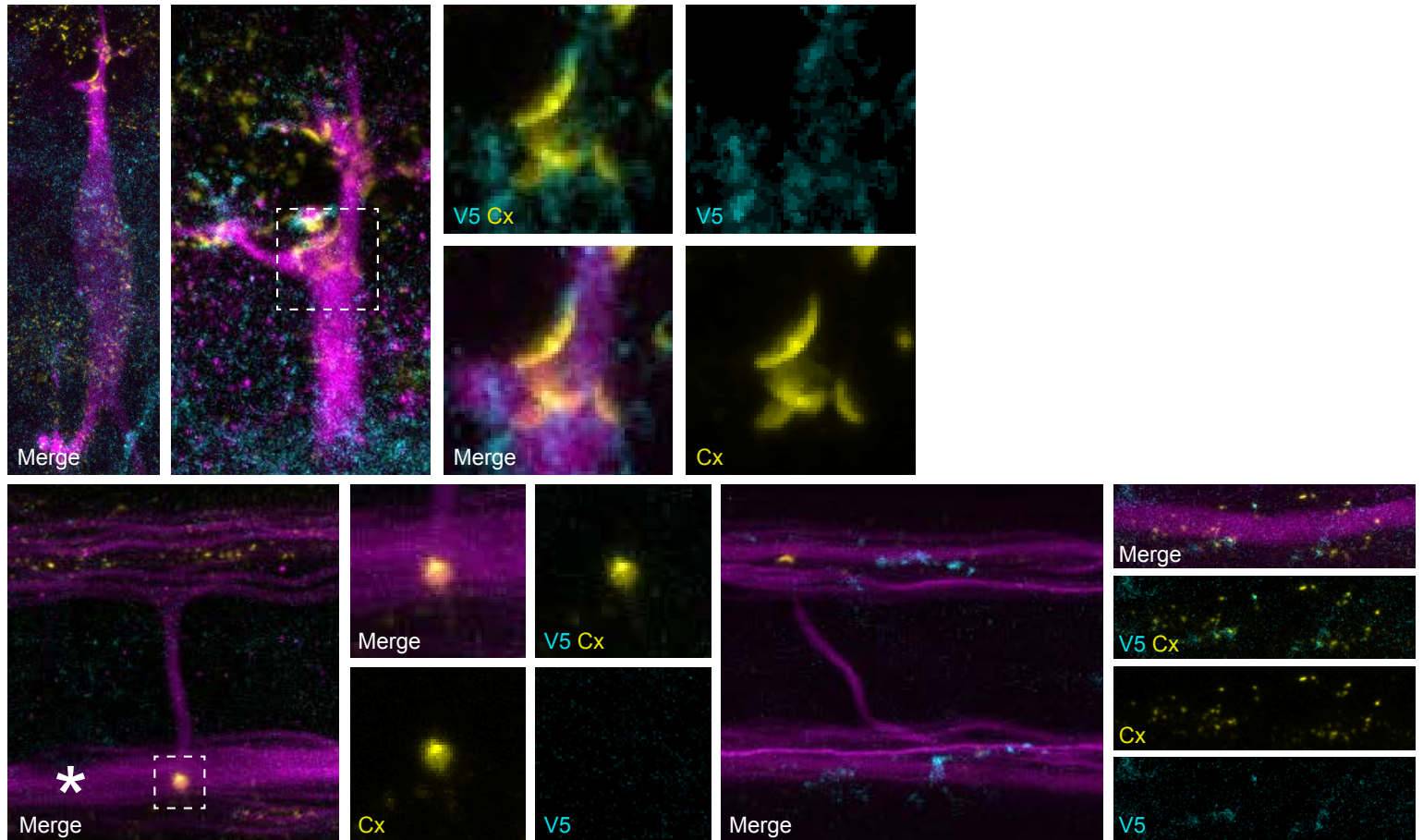
Elfn1b



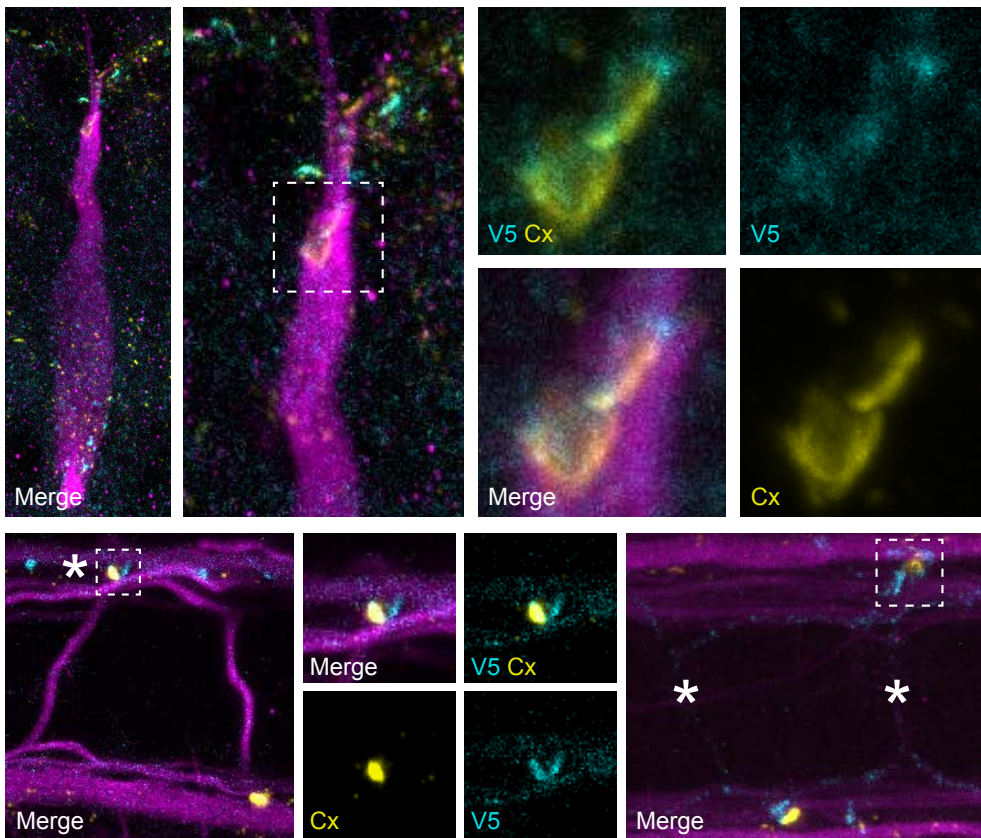
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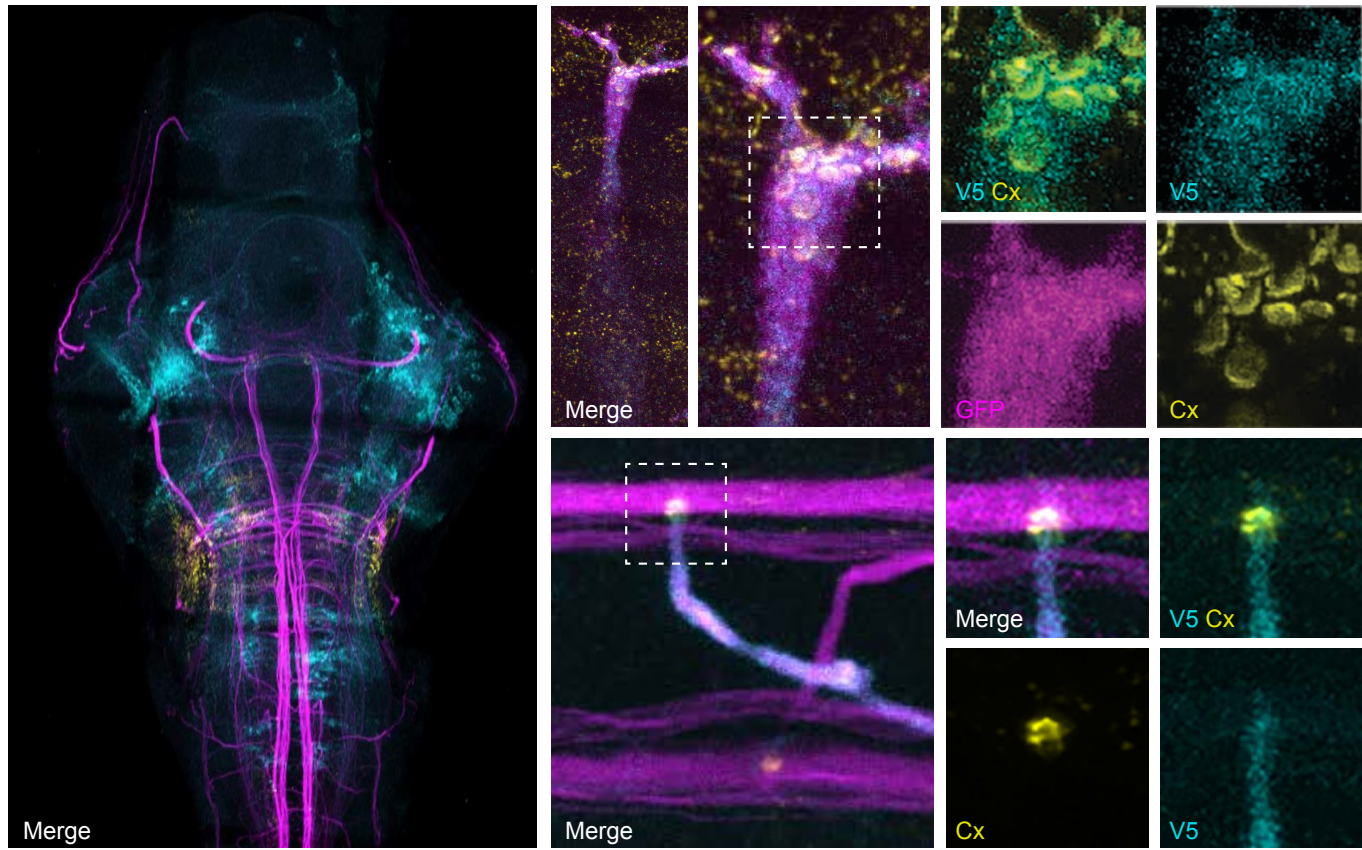
Gria2a



Grip1



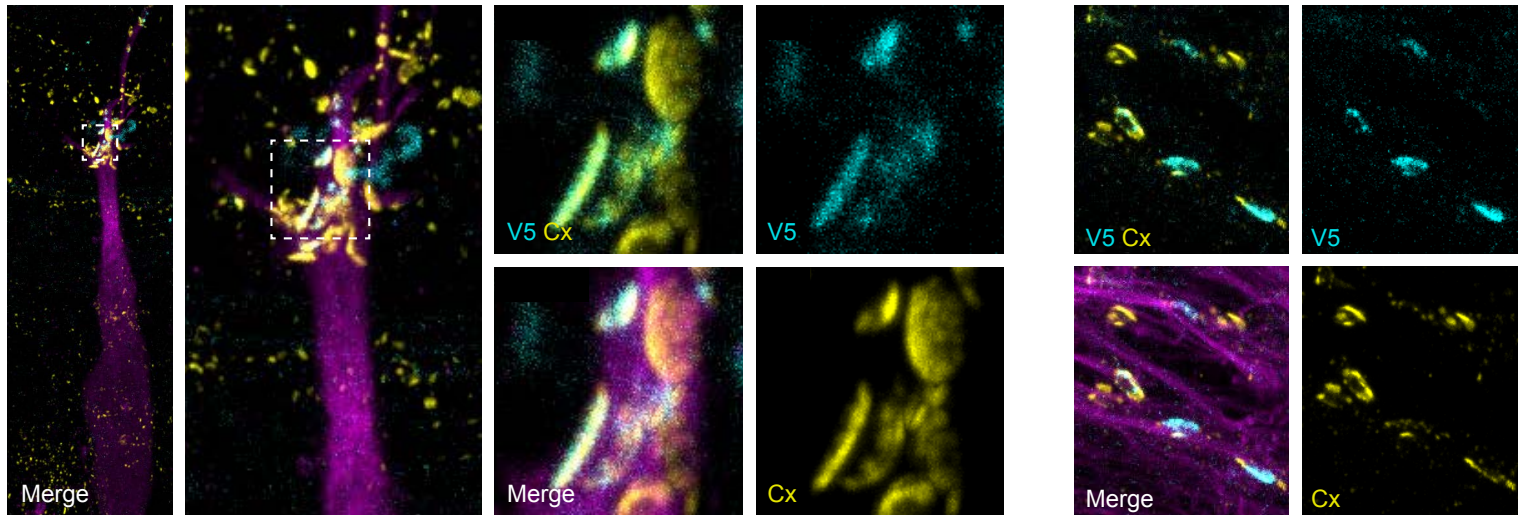
Grk3



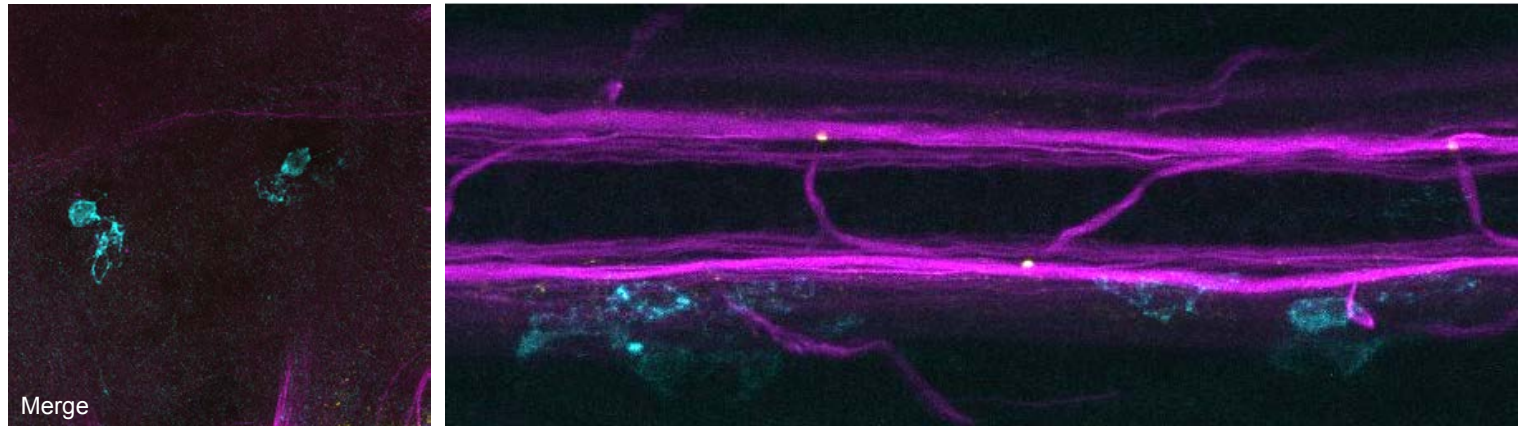
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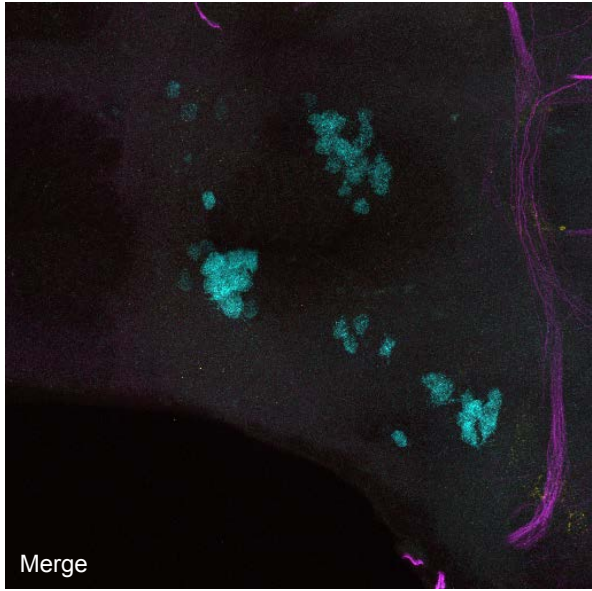
Jam3a



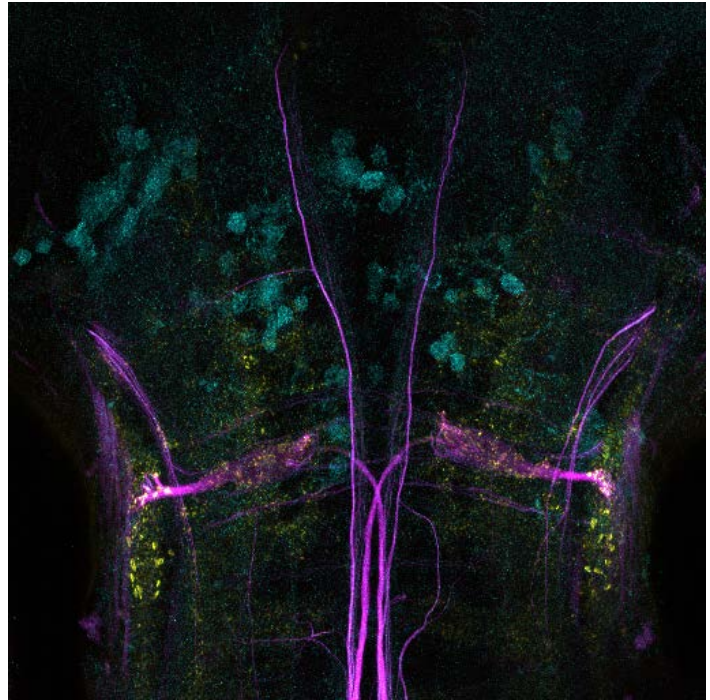
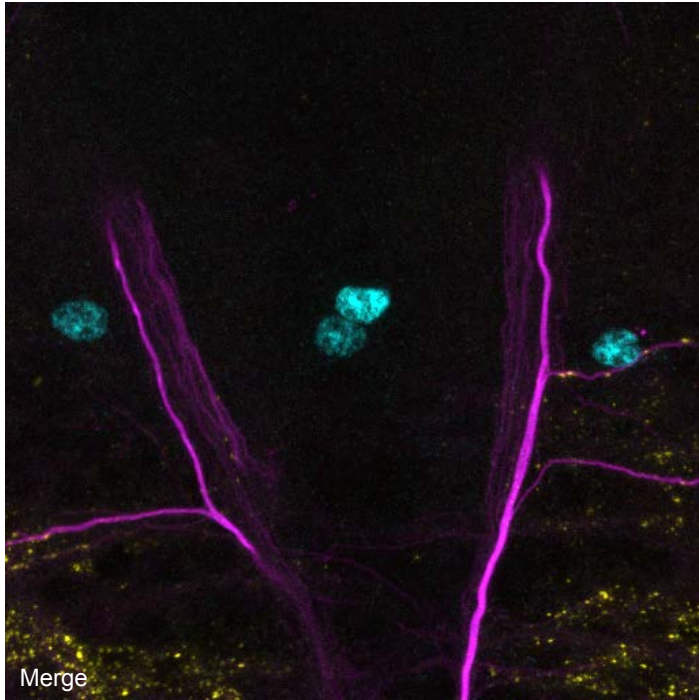
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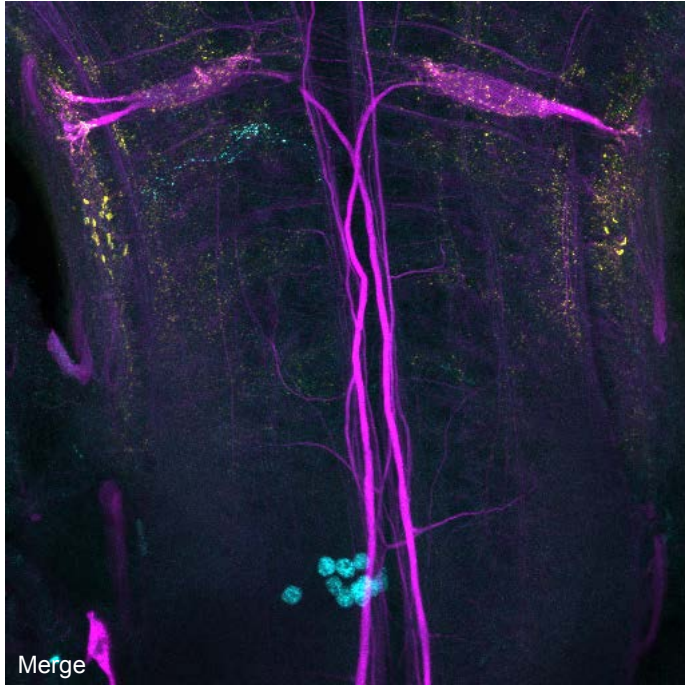
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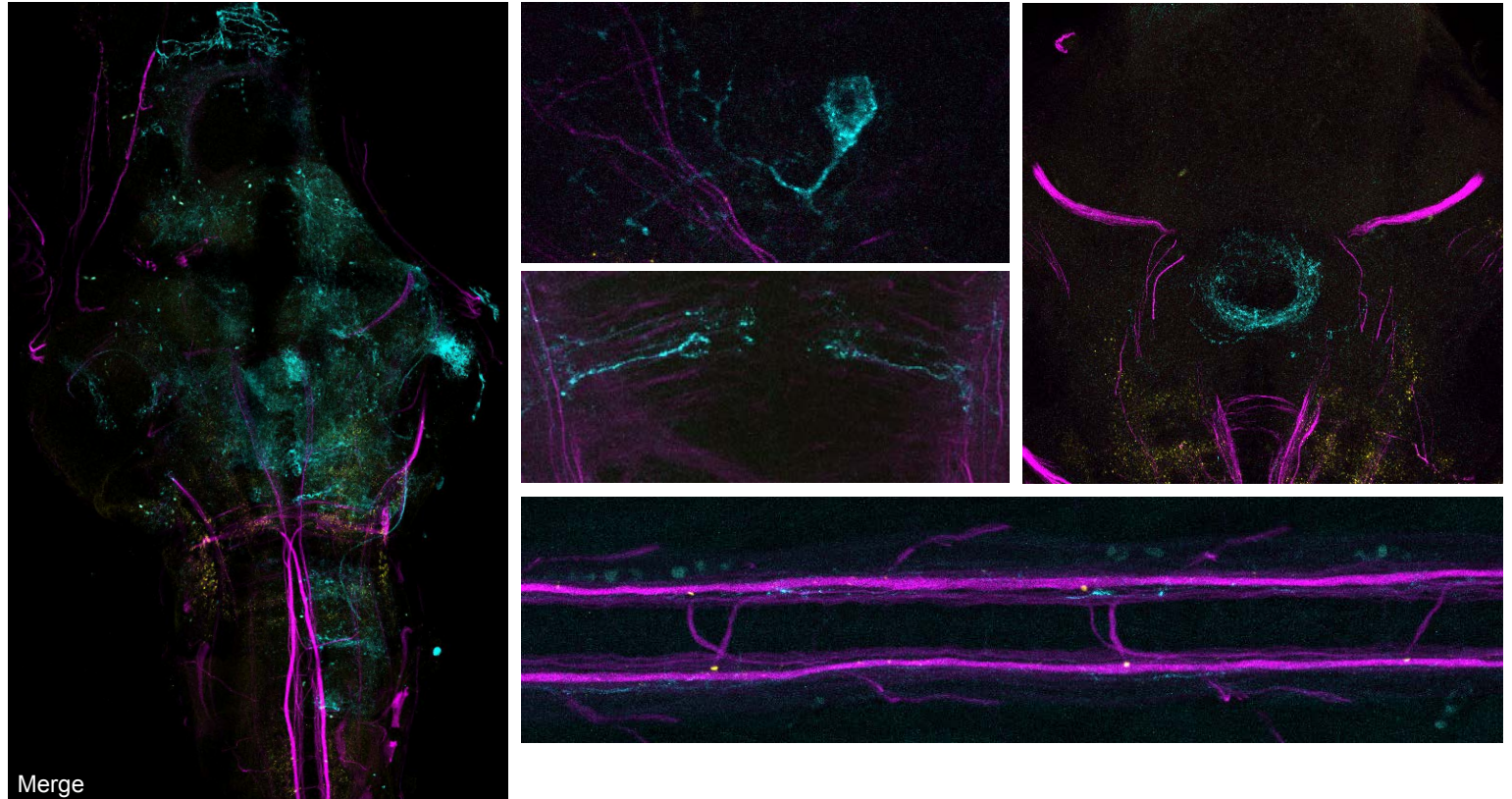
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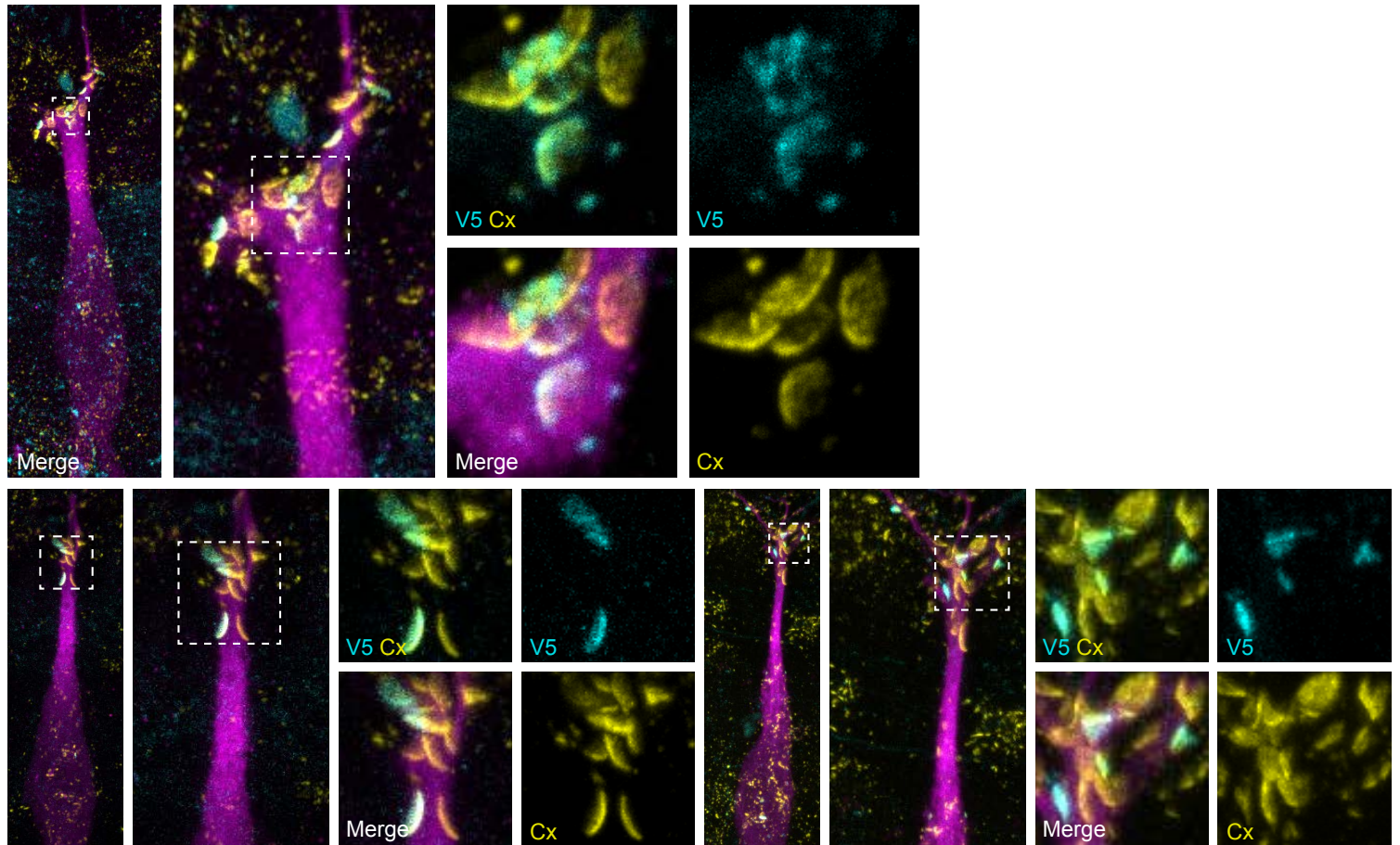
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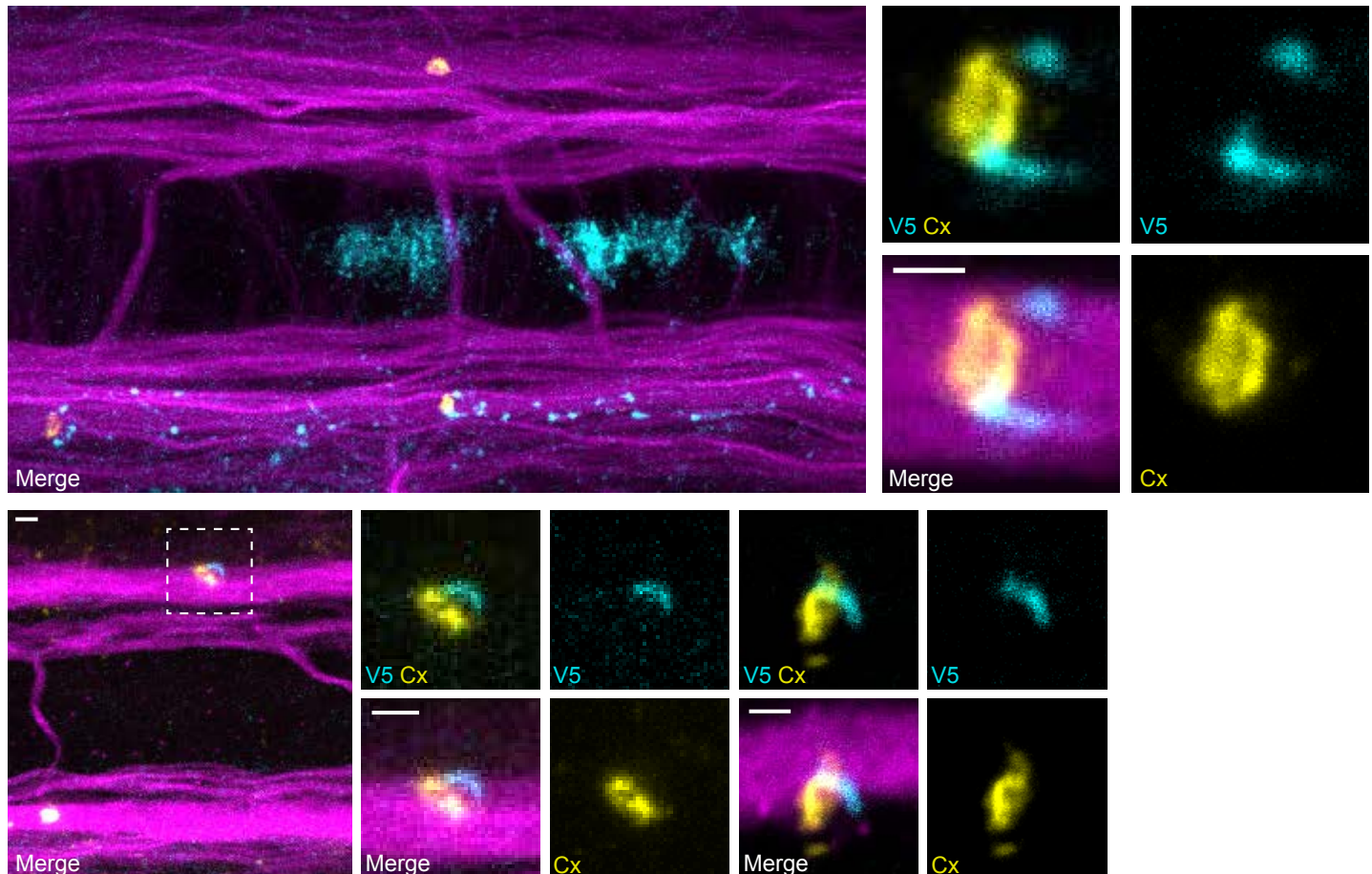
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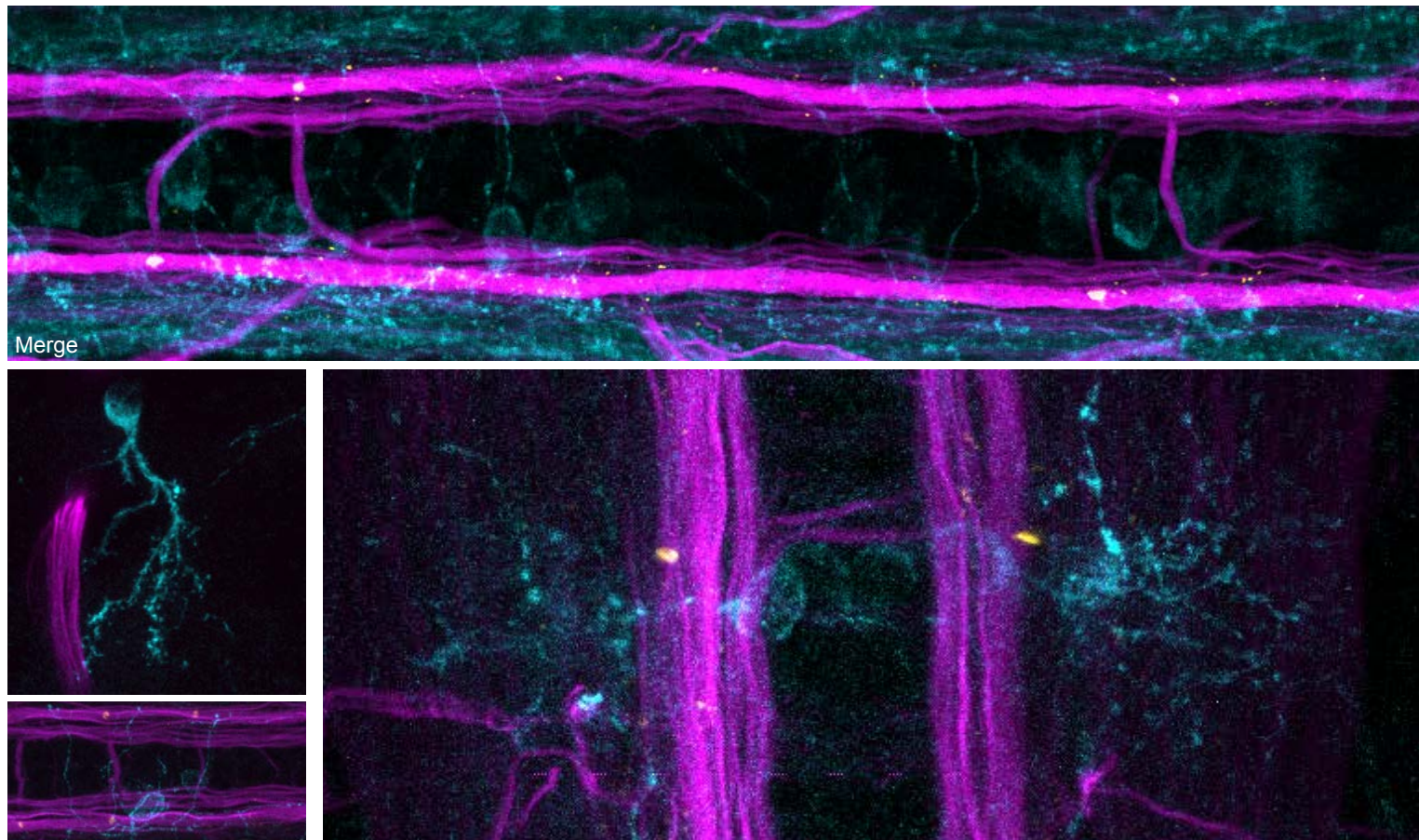
Nectin1b



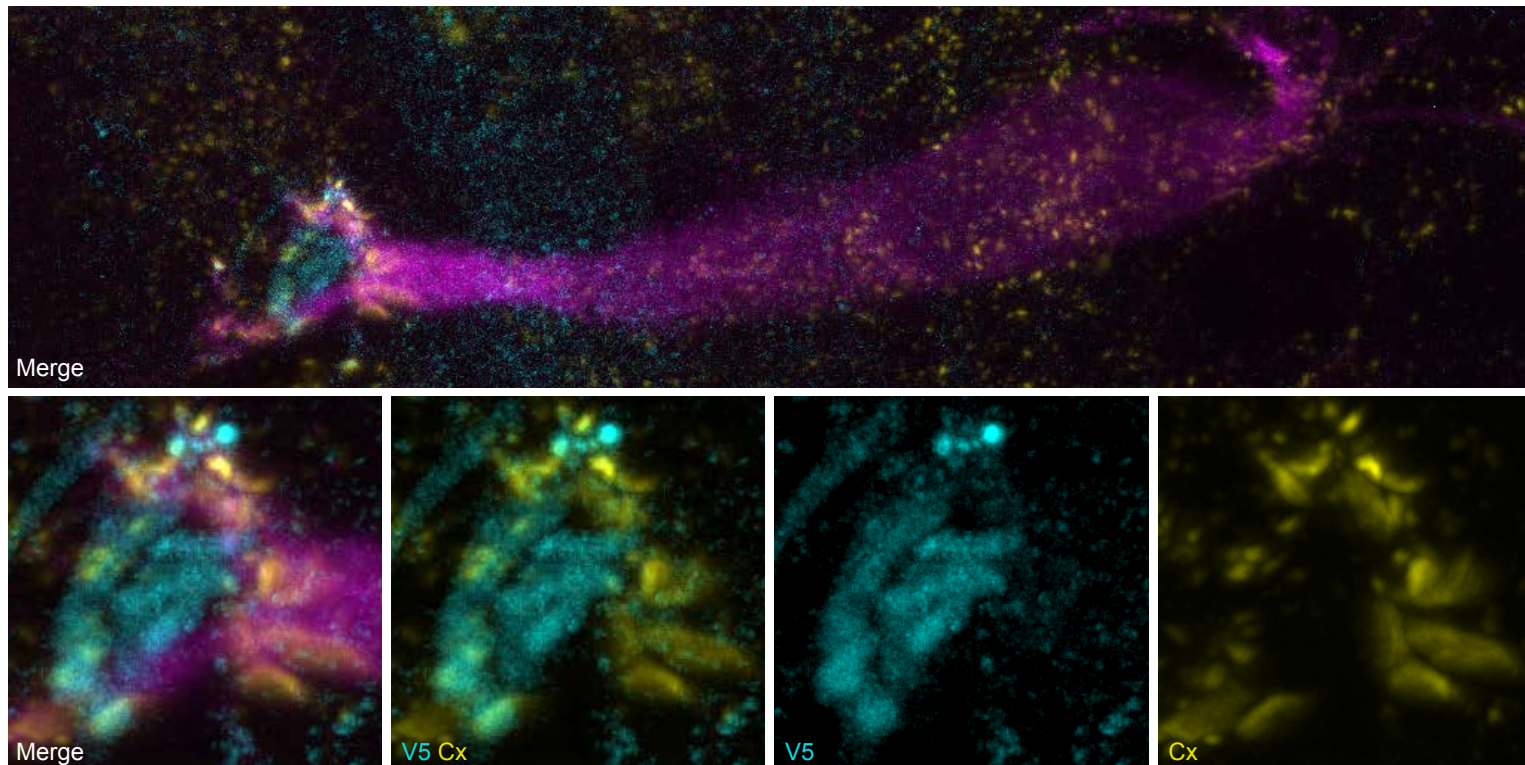
Plekha5



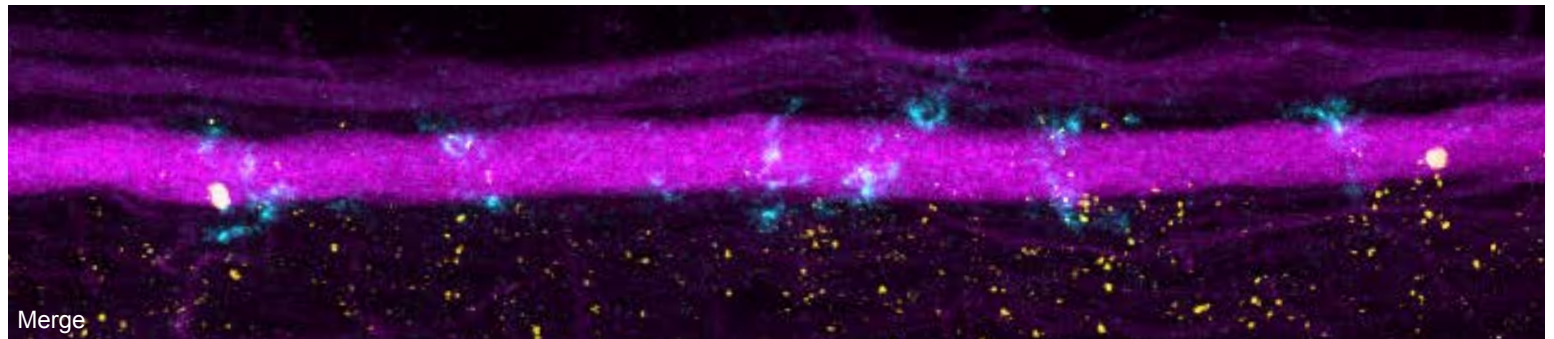
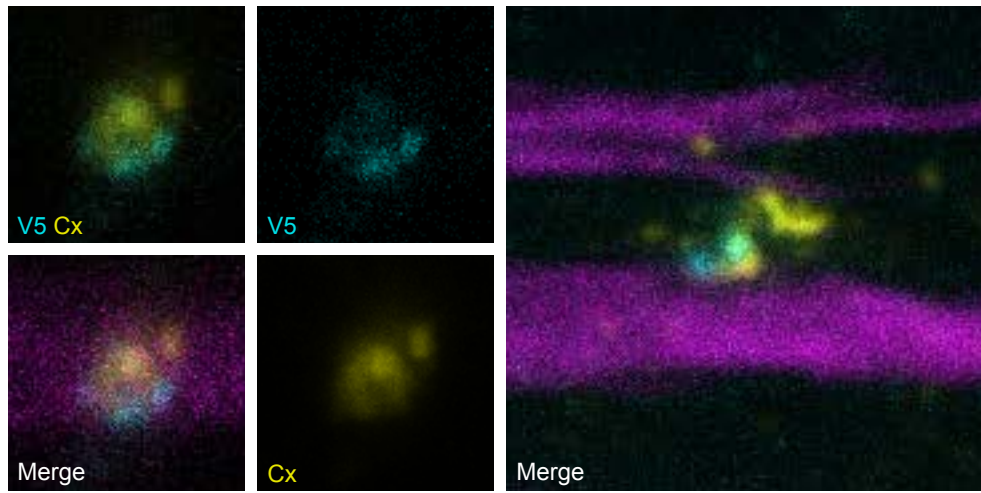
Psd3l



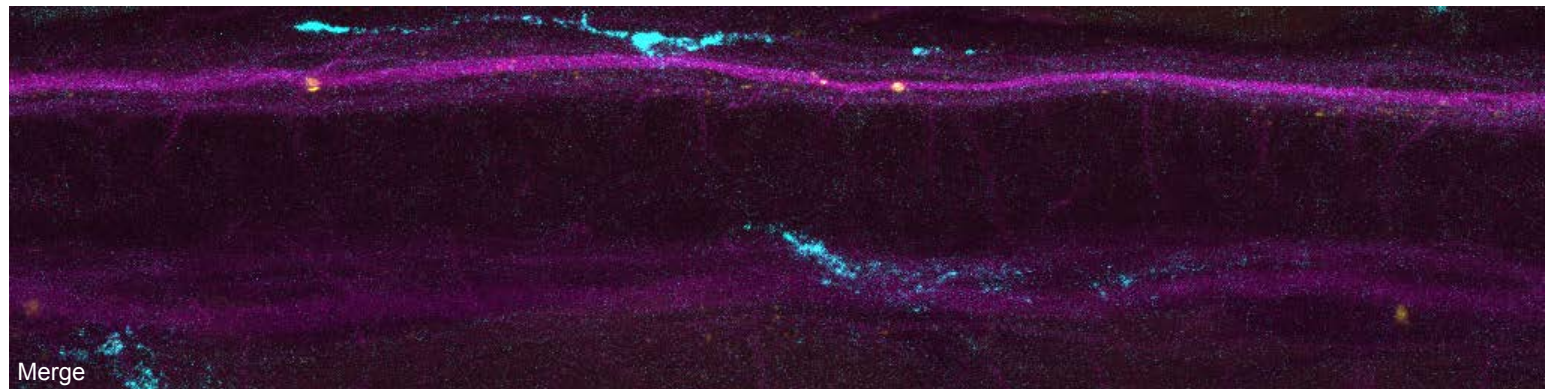
Shank2b



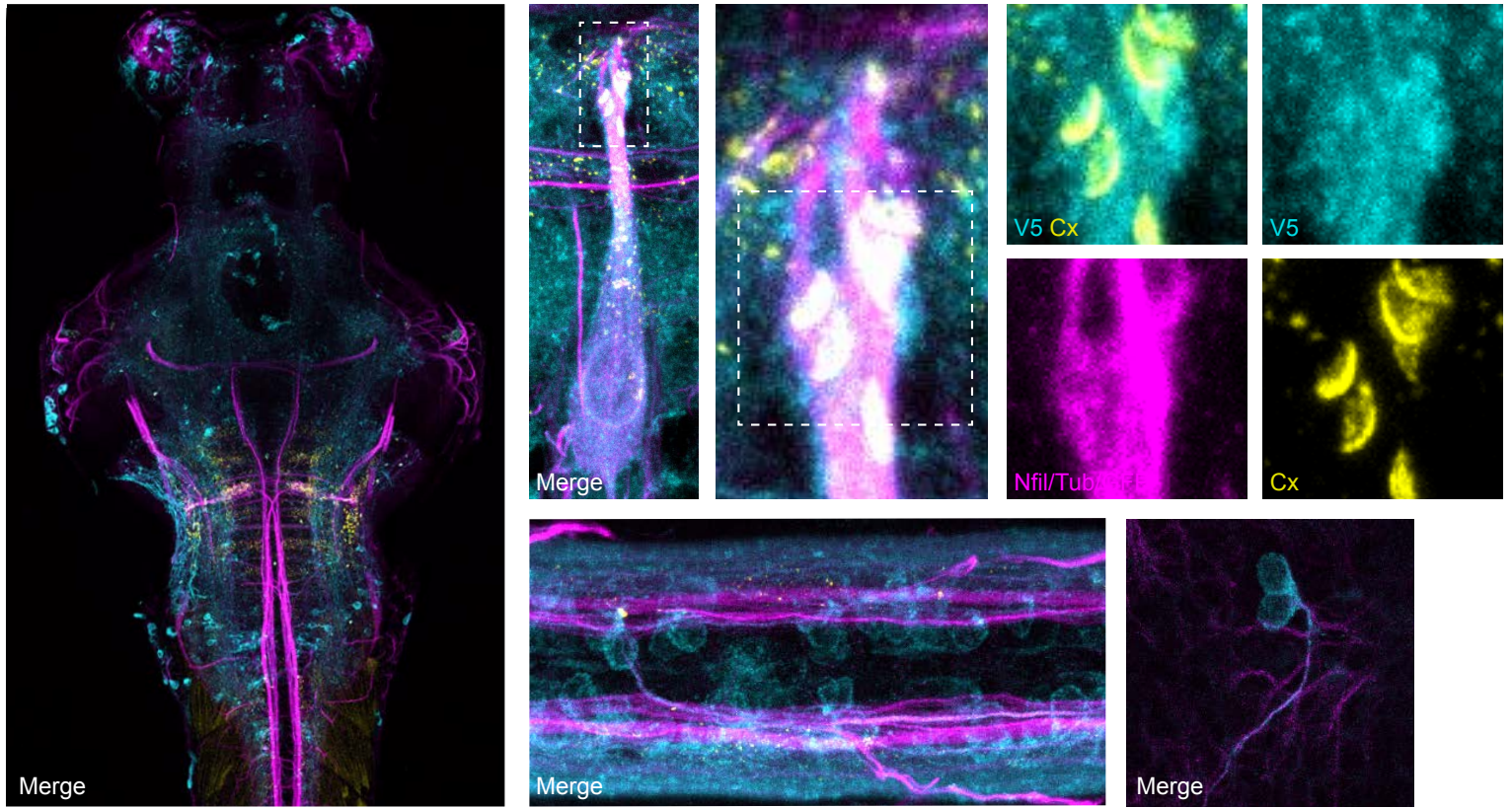
Shank3a



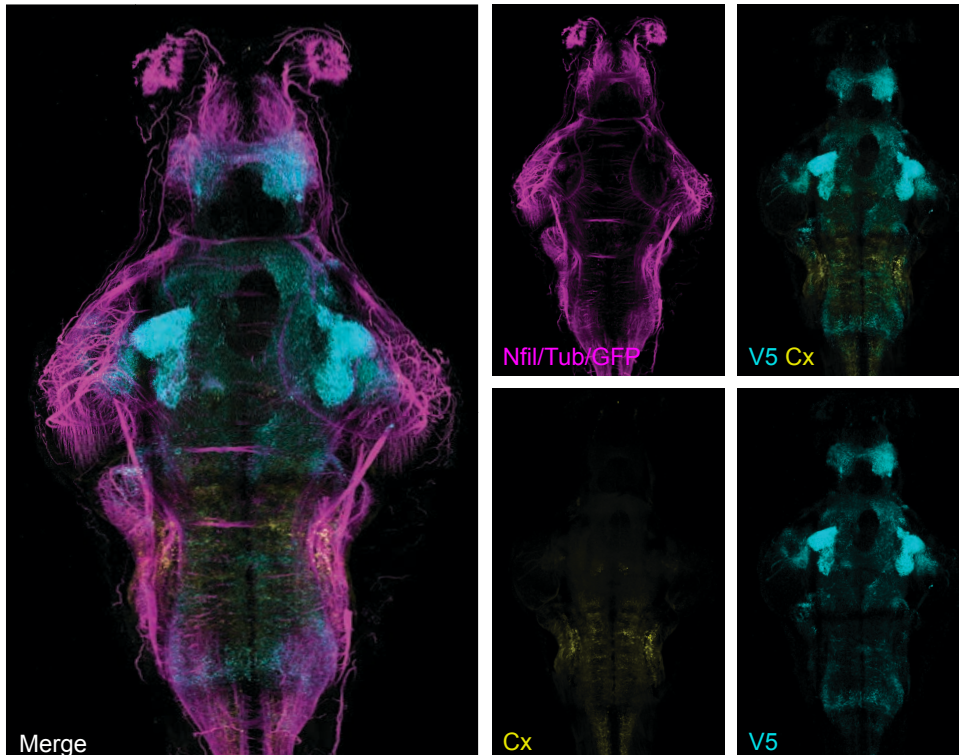
Shank3b



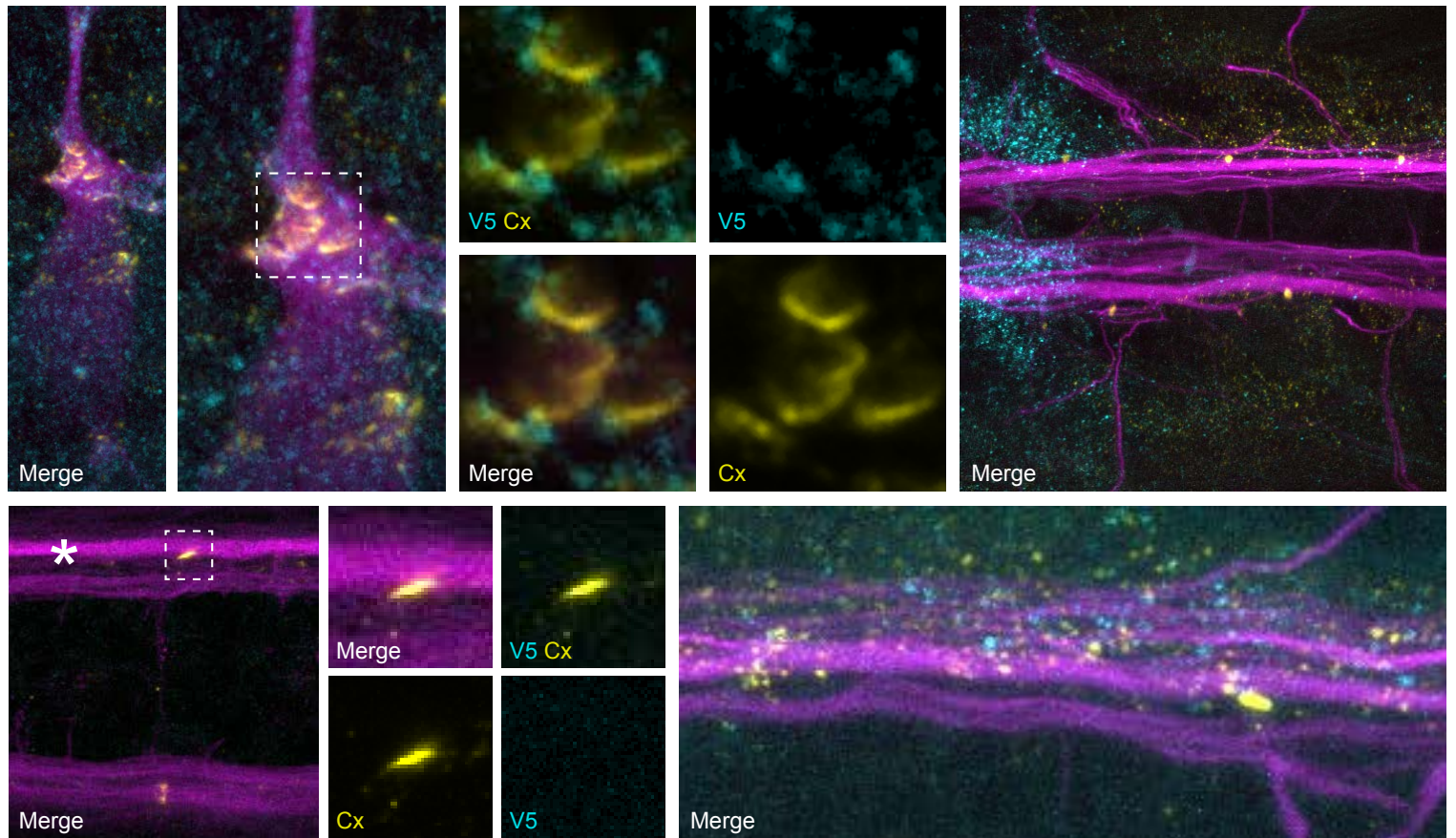
Smap1



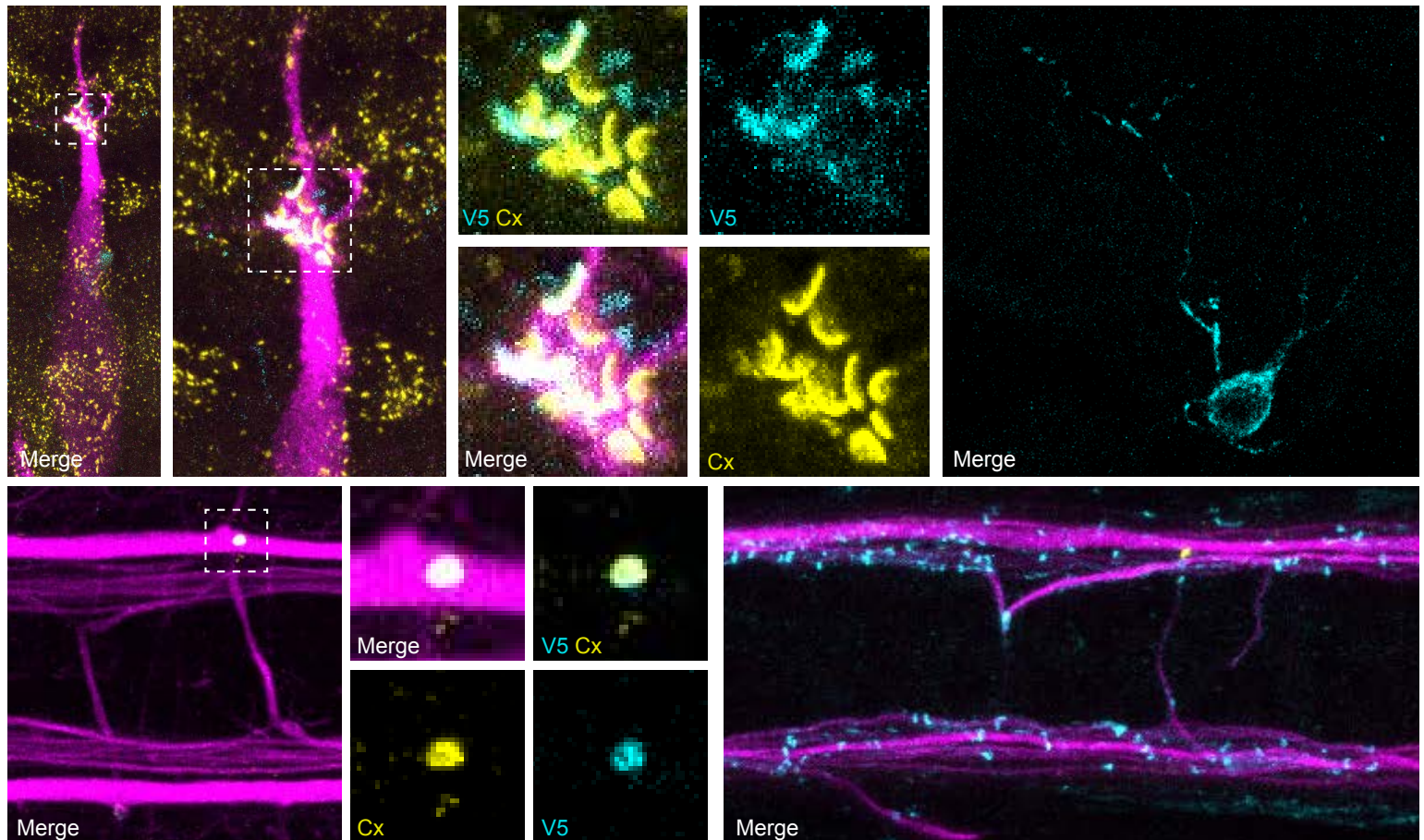
Syngap1a



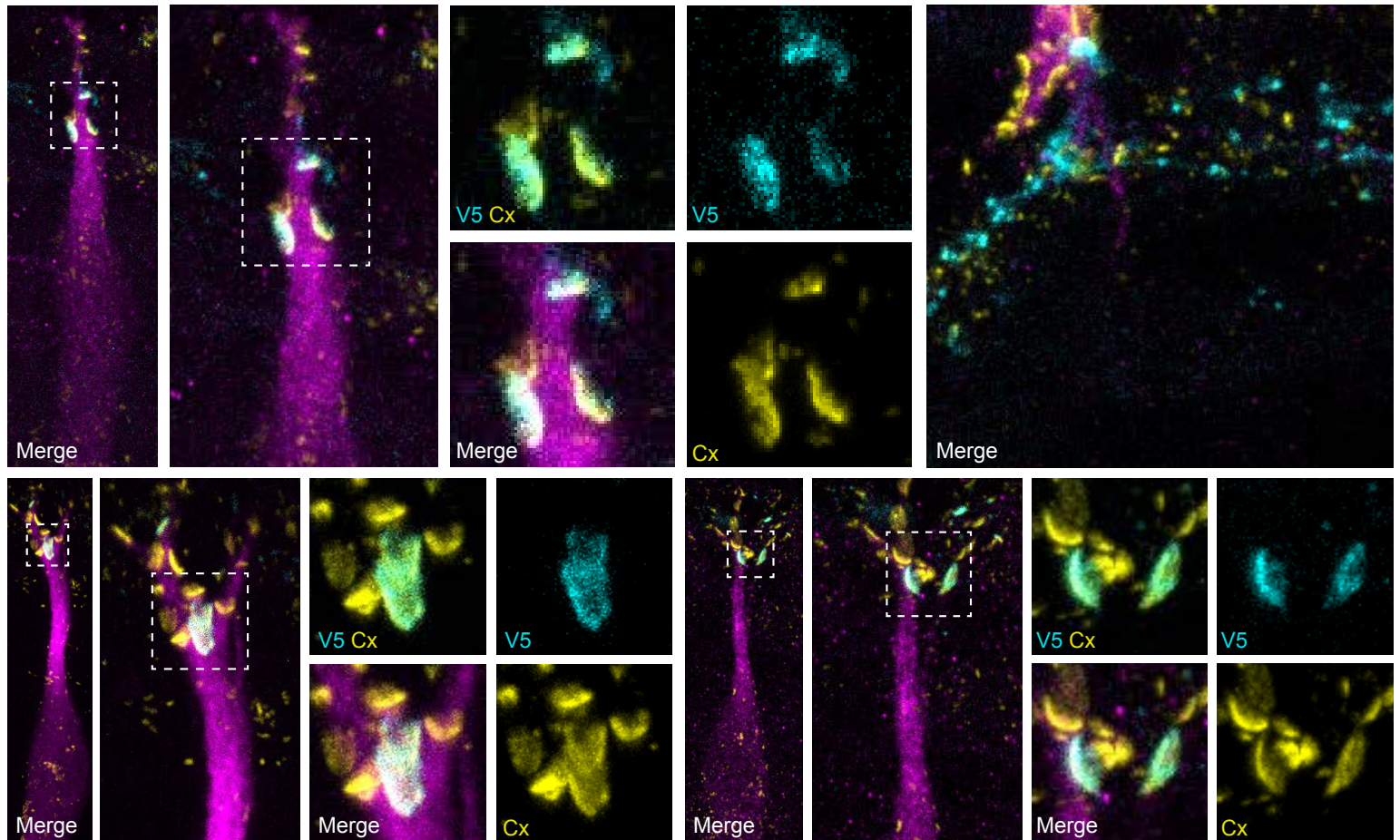
Syngap1b



Tjp1a/ZO1a



Tjp2a/ZO2a



tjp2b

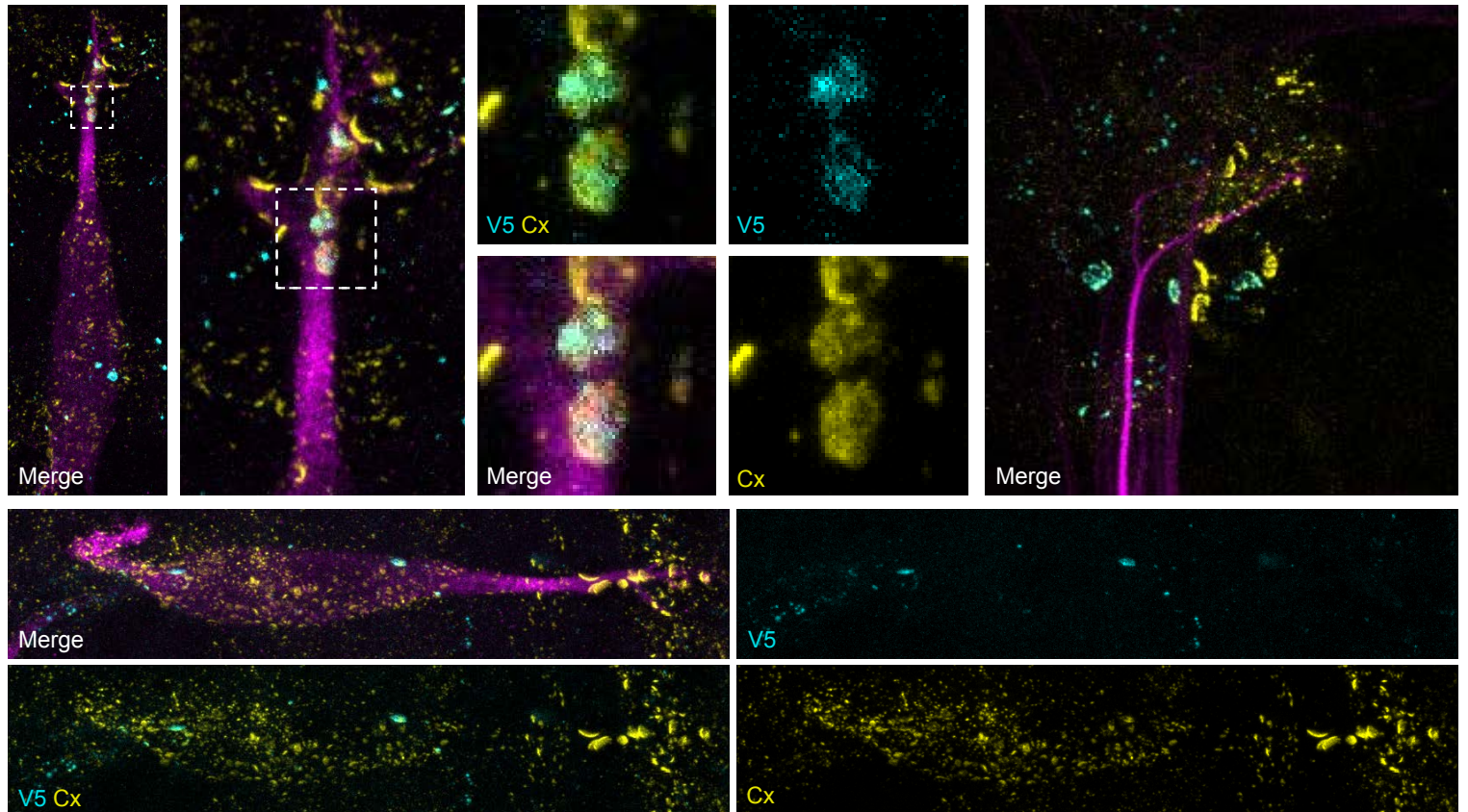


Fig. S5 (cont.)

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Whrn

