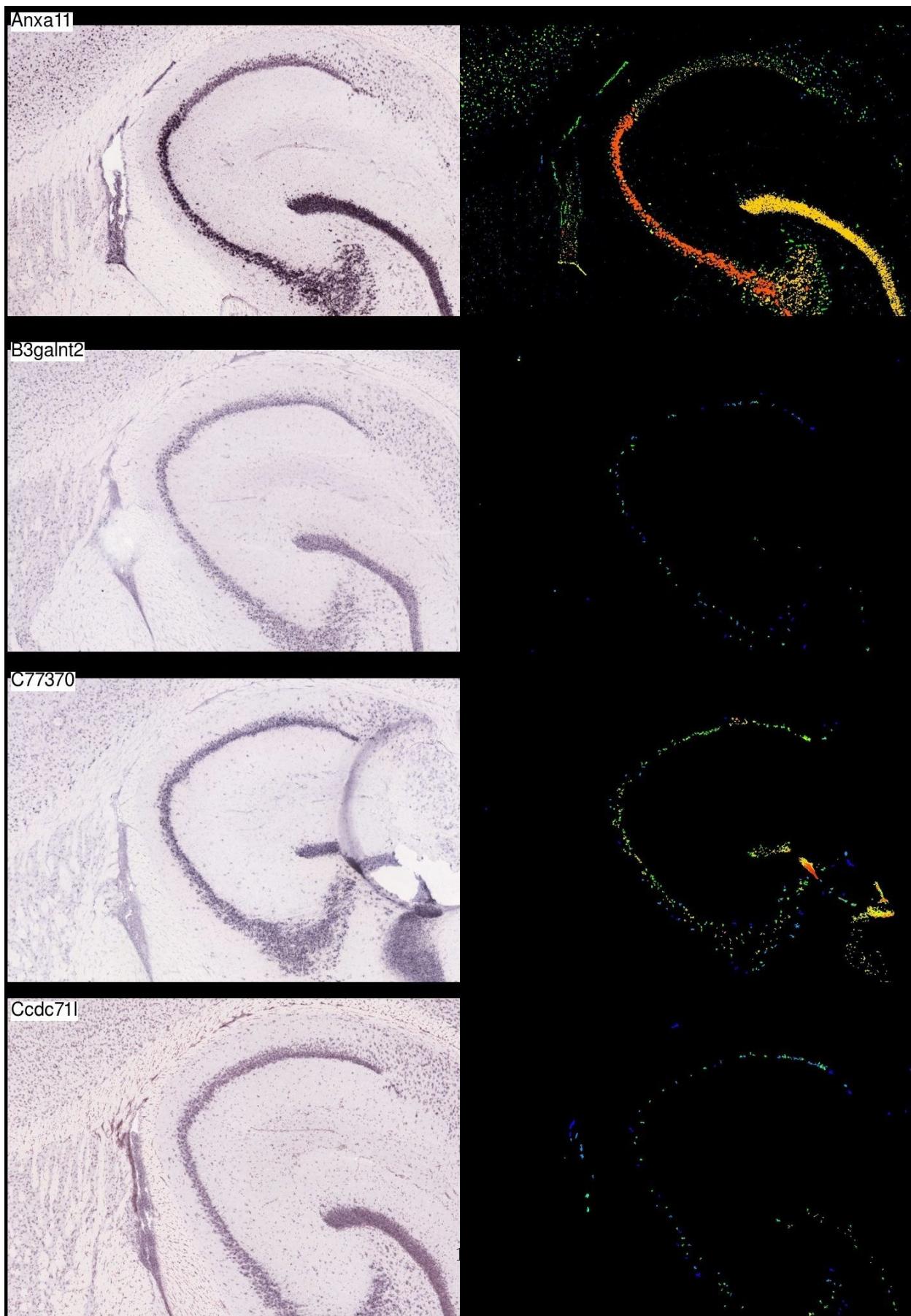
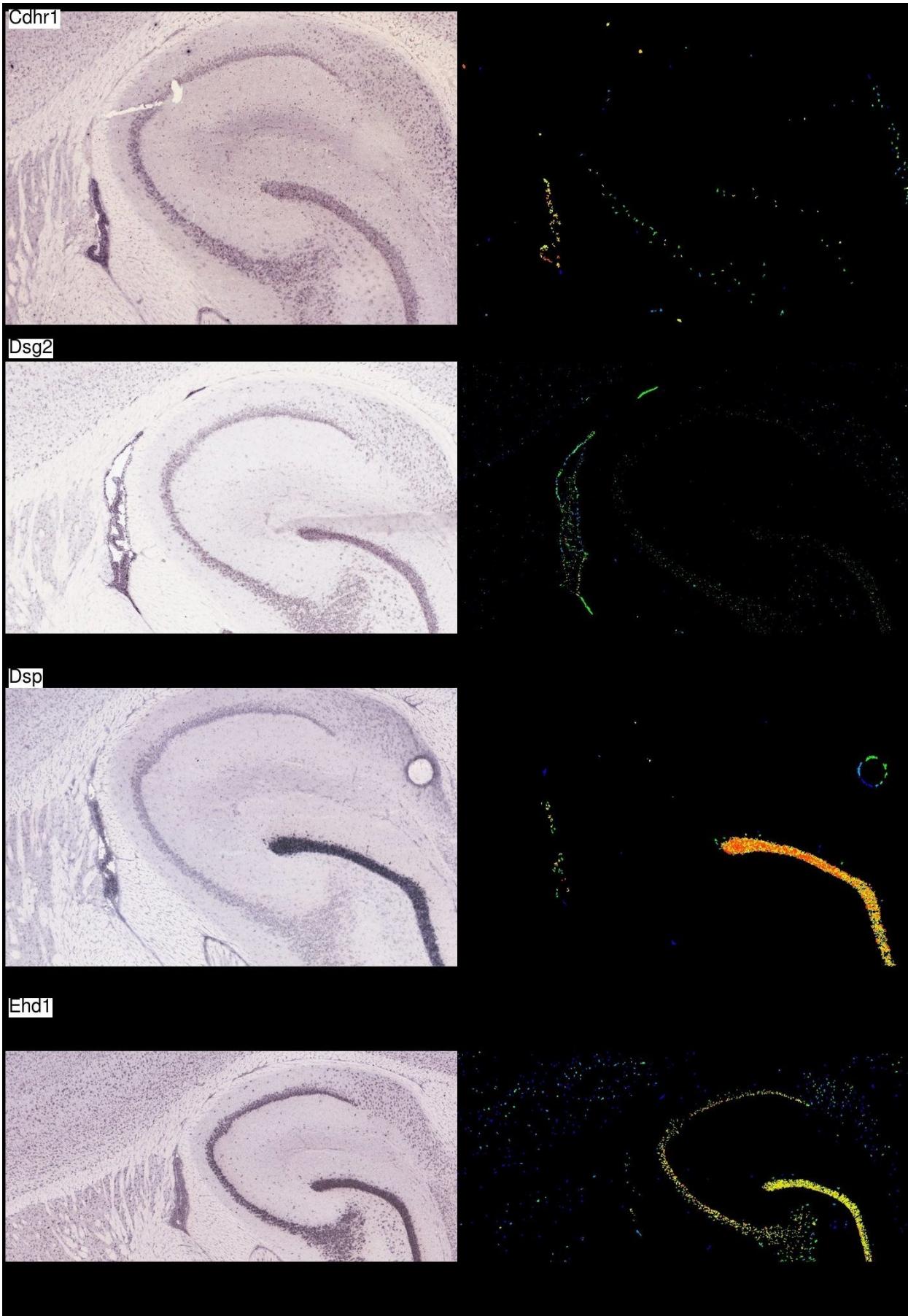
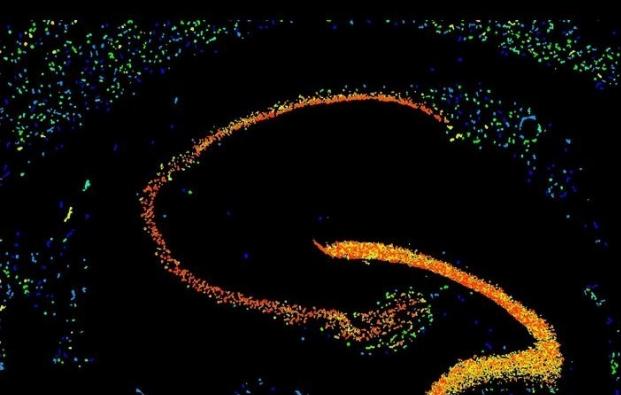


Figure S1: Expression of dentate granule cell markers discovered in the study in Allen Brain Atlas mouse brain *in situ* hybridization database.

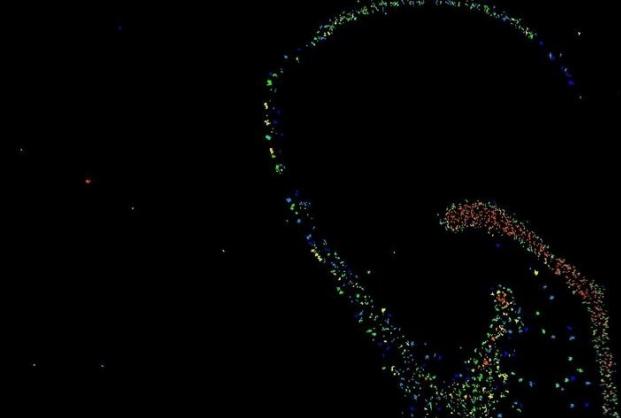




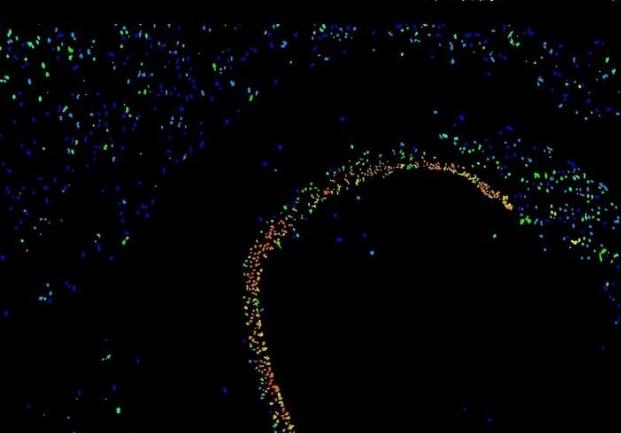
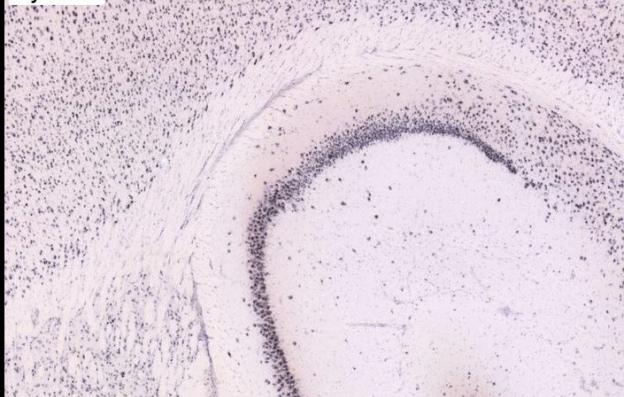
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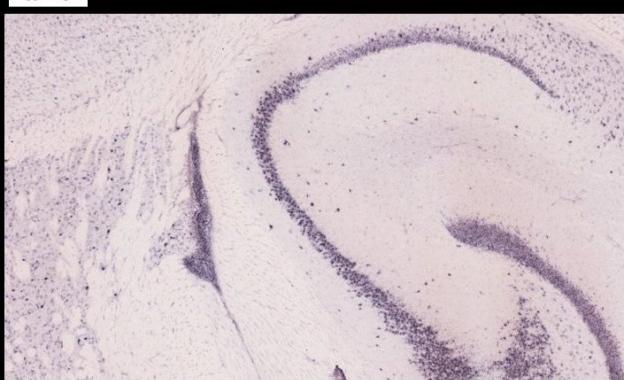
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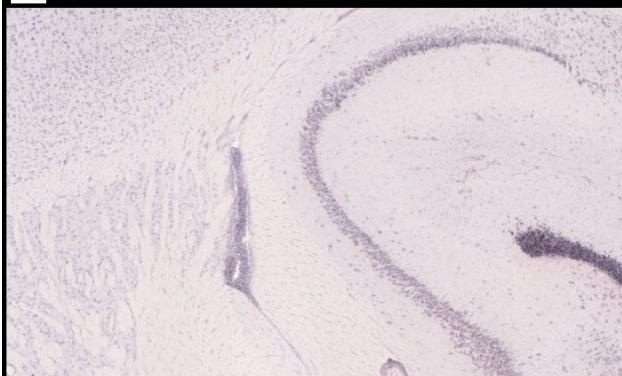
Flywch2



Lamb1



Lct



Lhx9

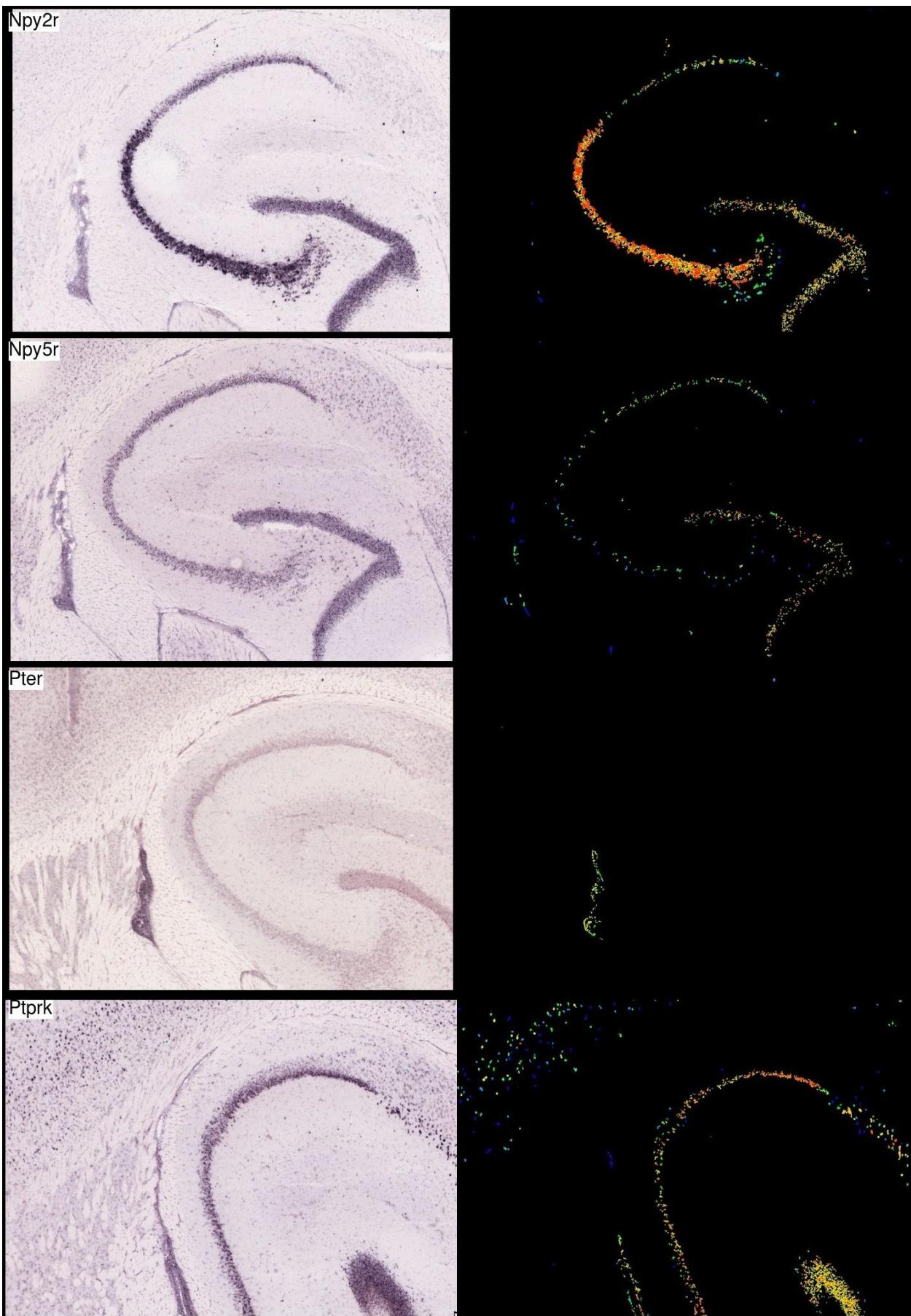


Neurod1

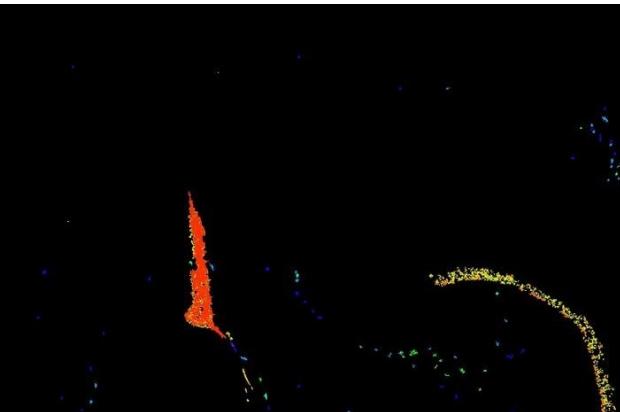


Npnt

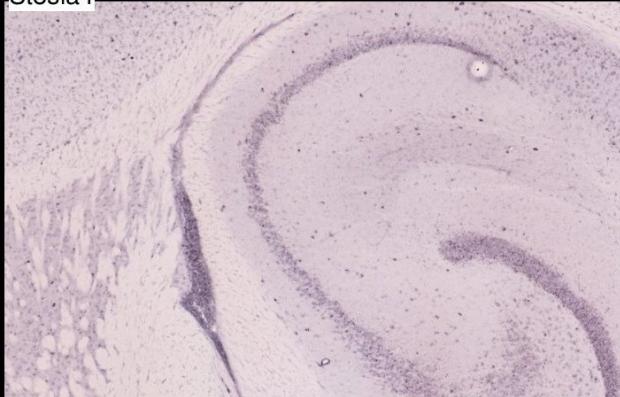




Spint2



St8sia4



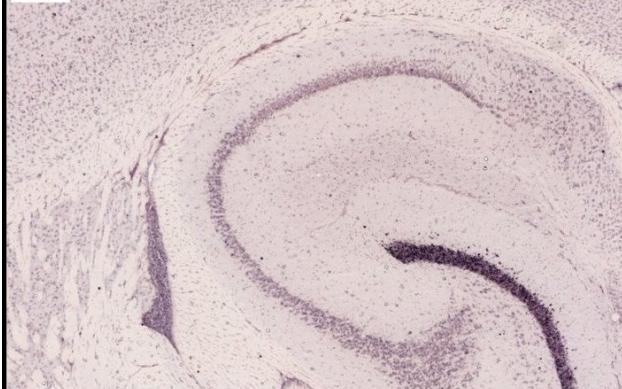
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Tanc1



Tdo2



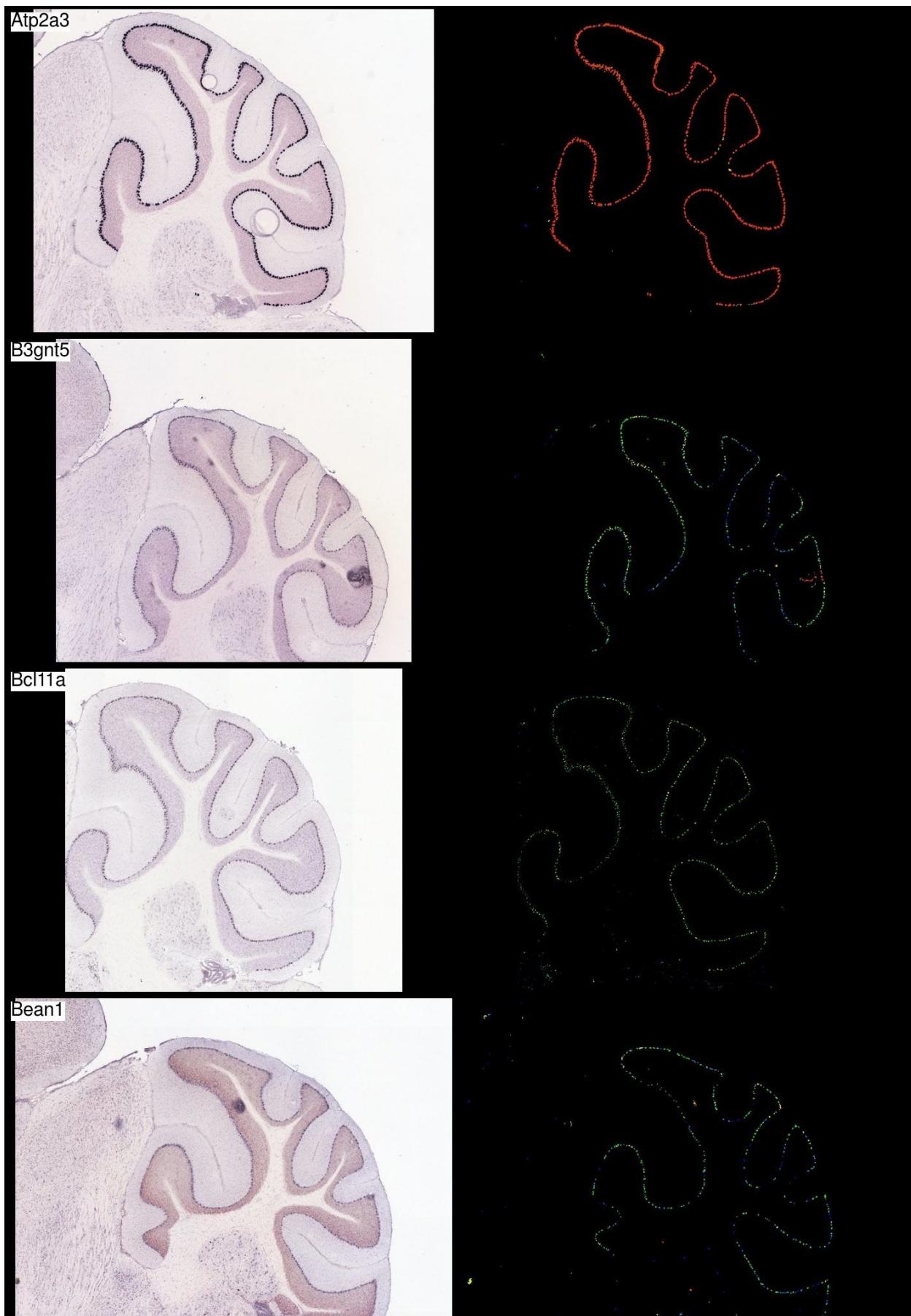
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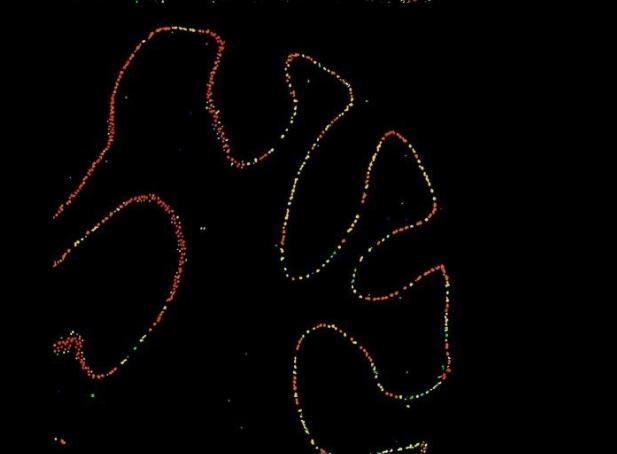
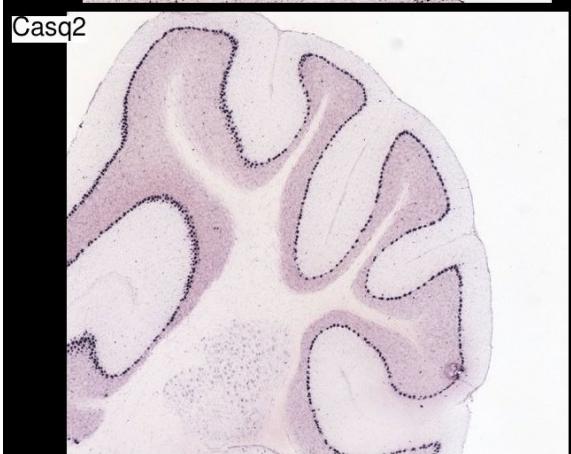
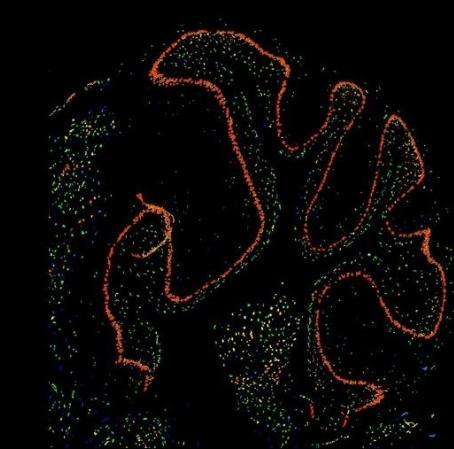
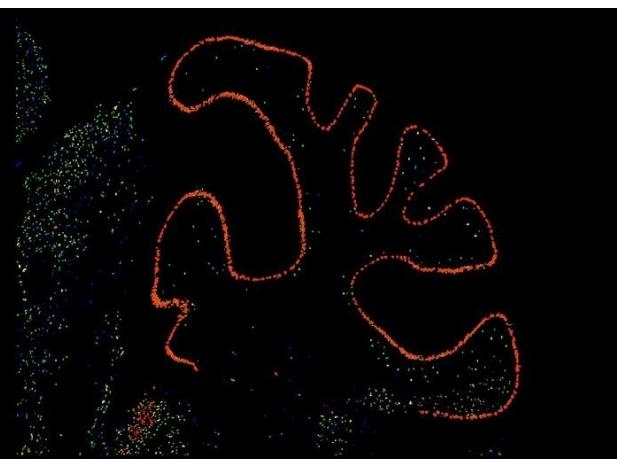
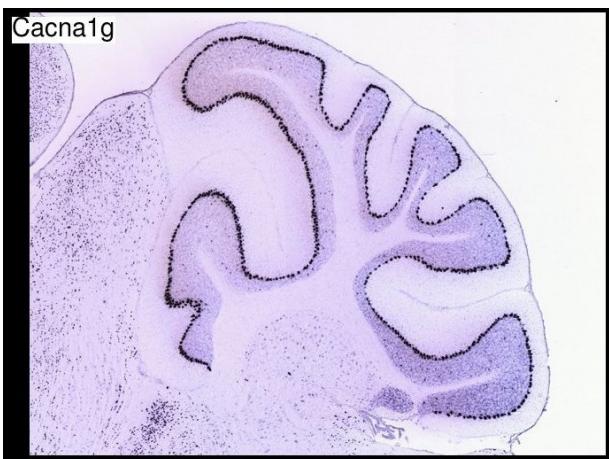


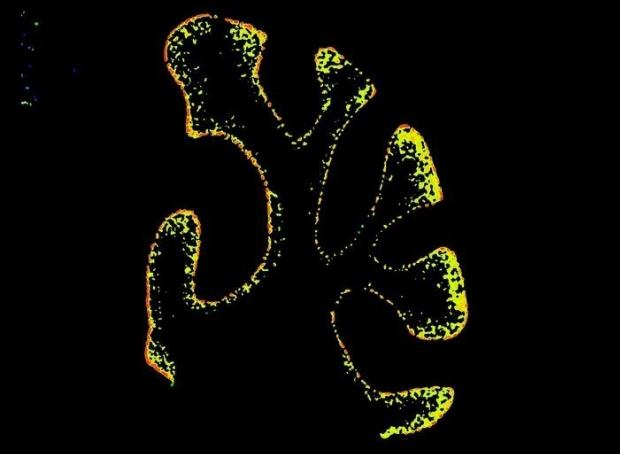
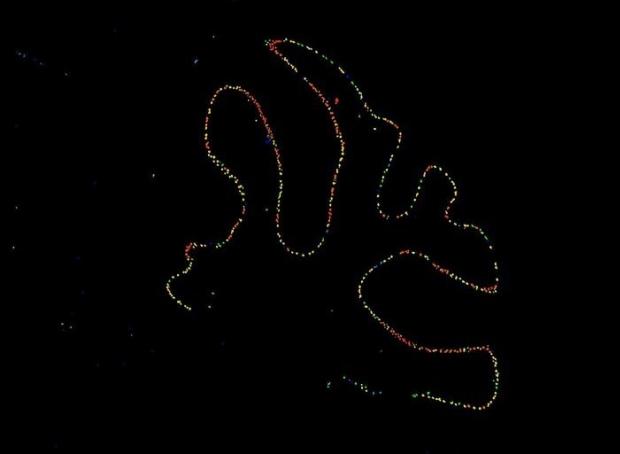
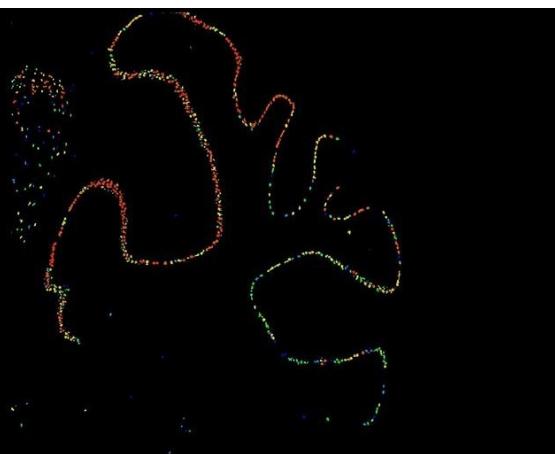
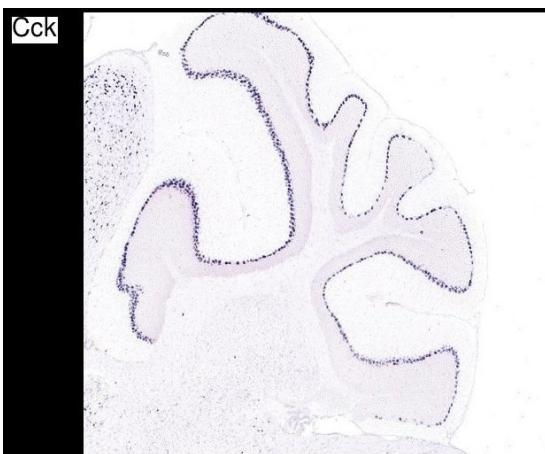
Trpc6



Figure S2: Expression of purkinje markers discovered in the study in Allen Brain Atlas mouse brain *in situ* hybridization database.



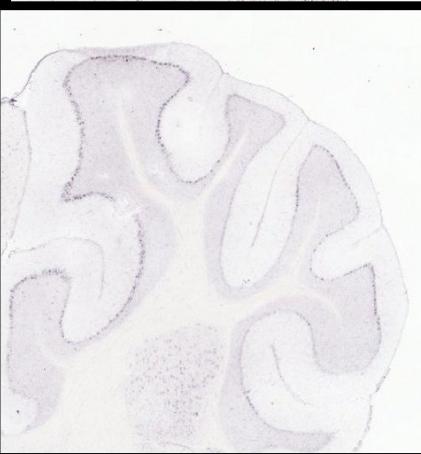




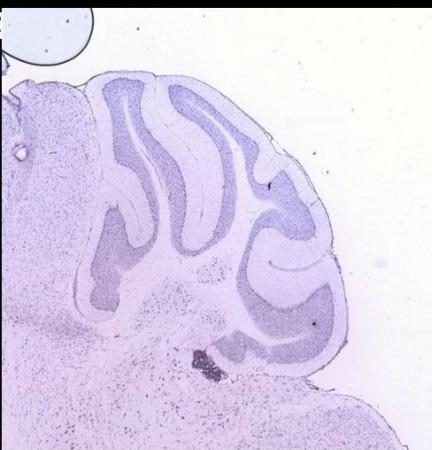
Ebf1



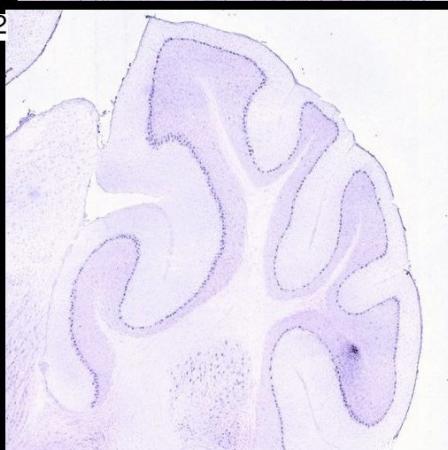
Ebf2



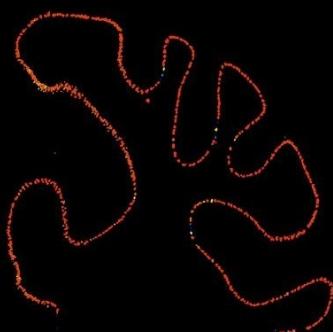
Eps8l2



Gipc2



Gng13



Grik1



Homer3



Icm7



