

Figure S1

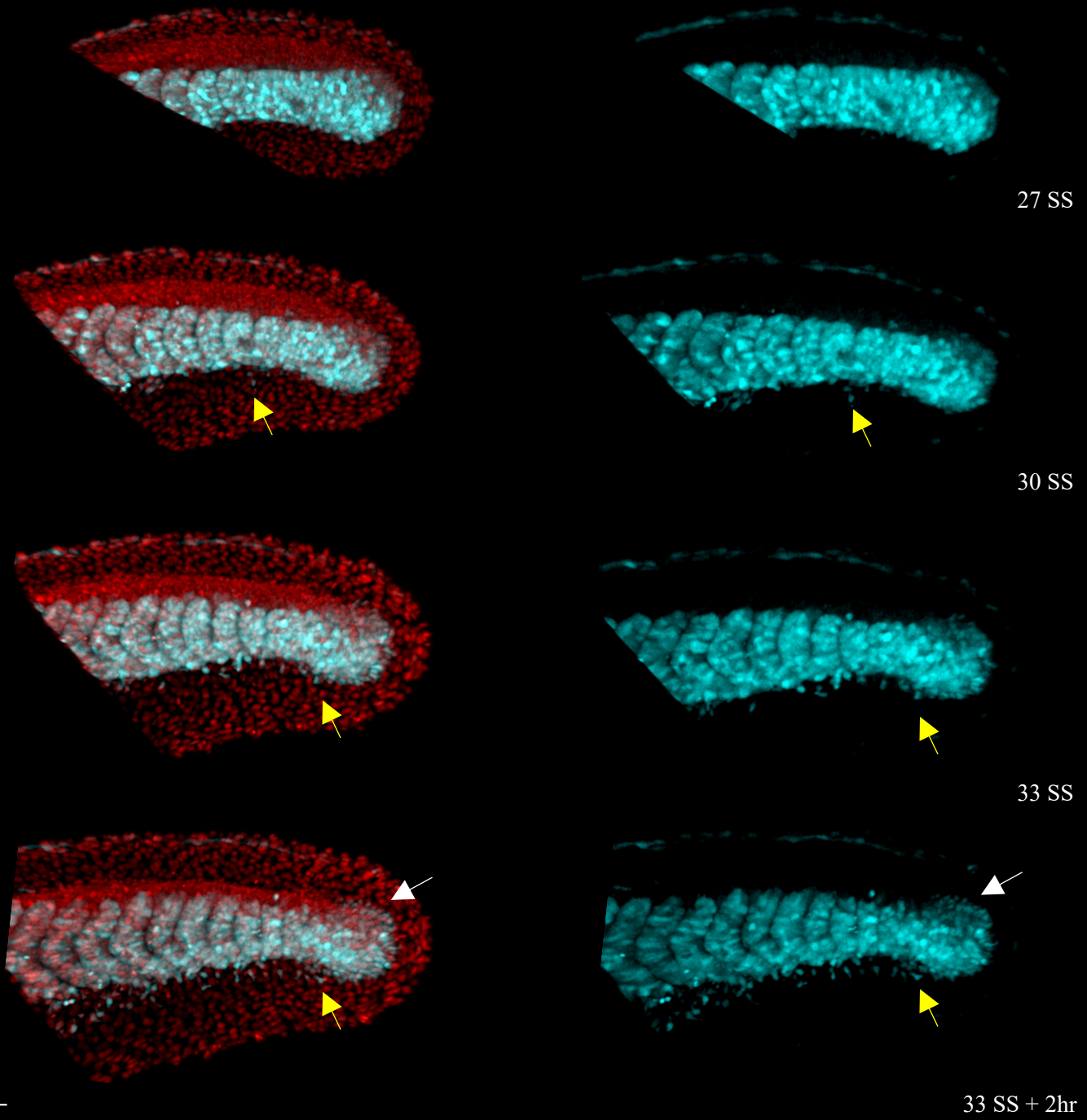
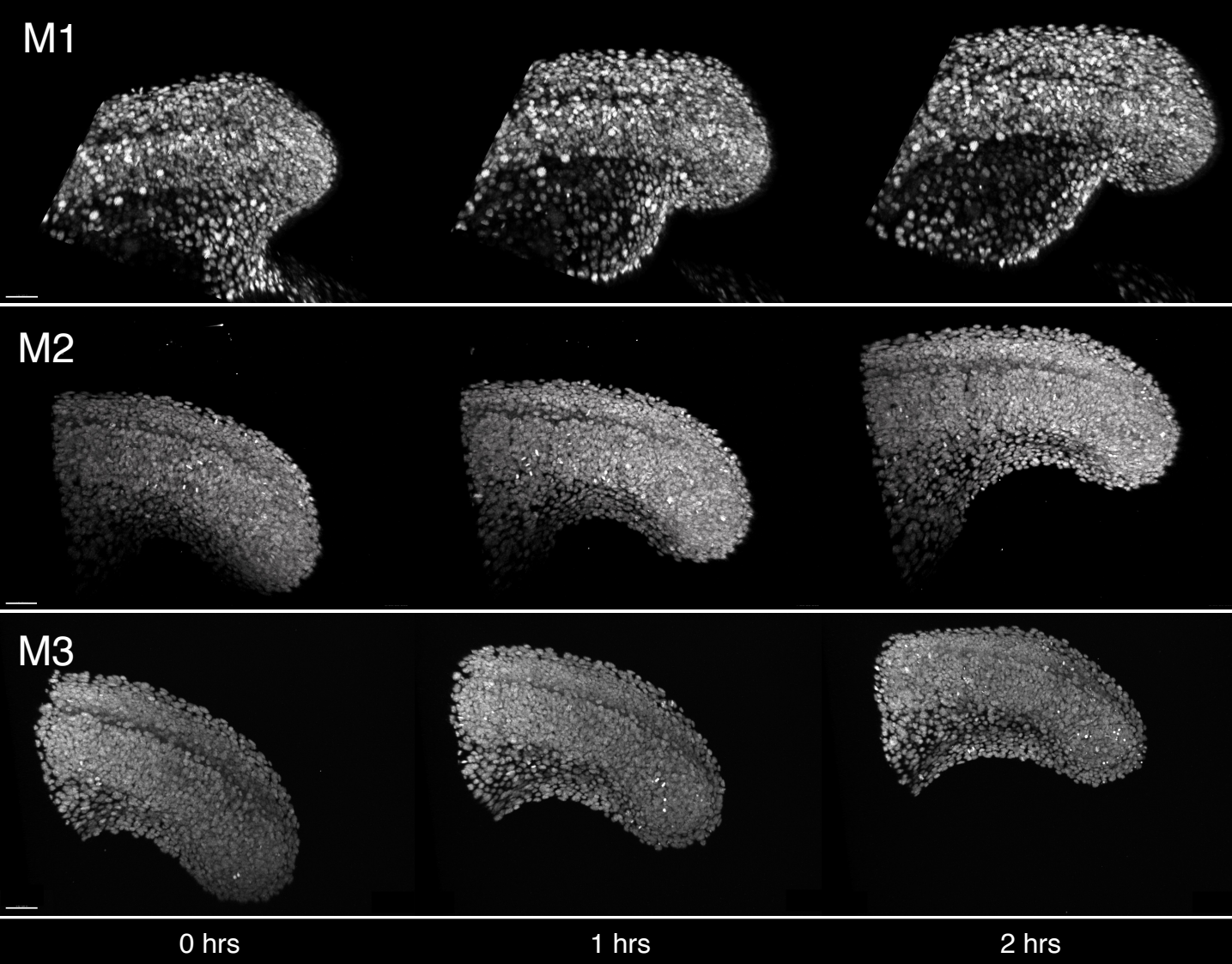


Figure S2



Movie	Somite-stages	Frame interval (s)	Nuclear label
M1	14 - 20	70	<i>h2a::mCherry</i>
M2	18 - 22	180	<i>h2b::GFP</i>
M3	22 - 26	150	<i>h2b::GFP</i>

Figure S3

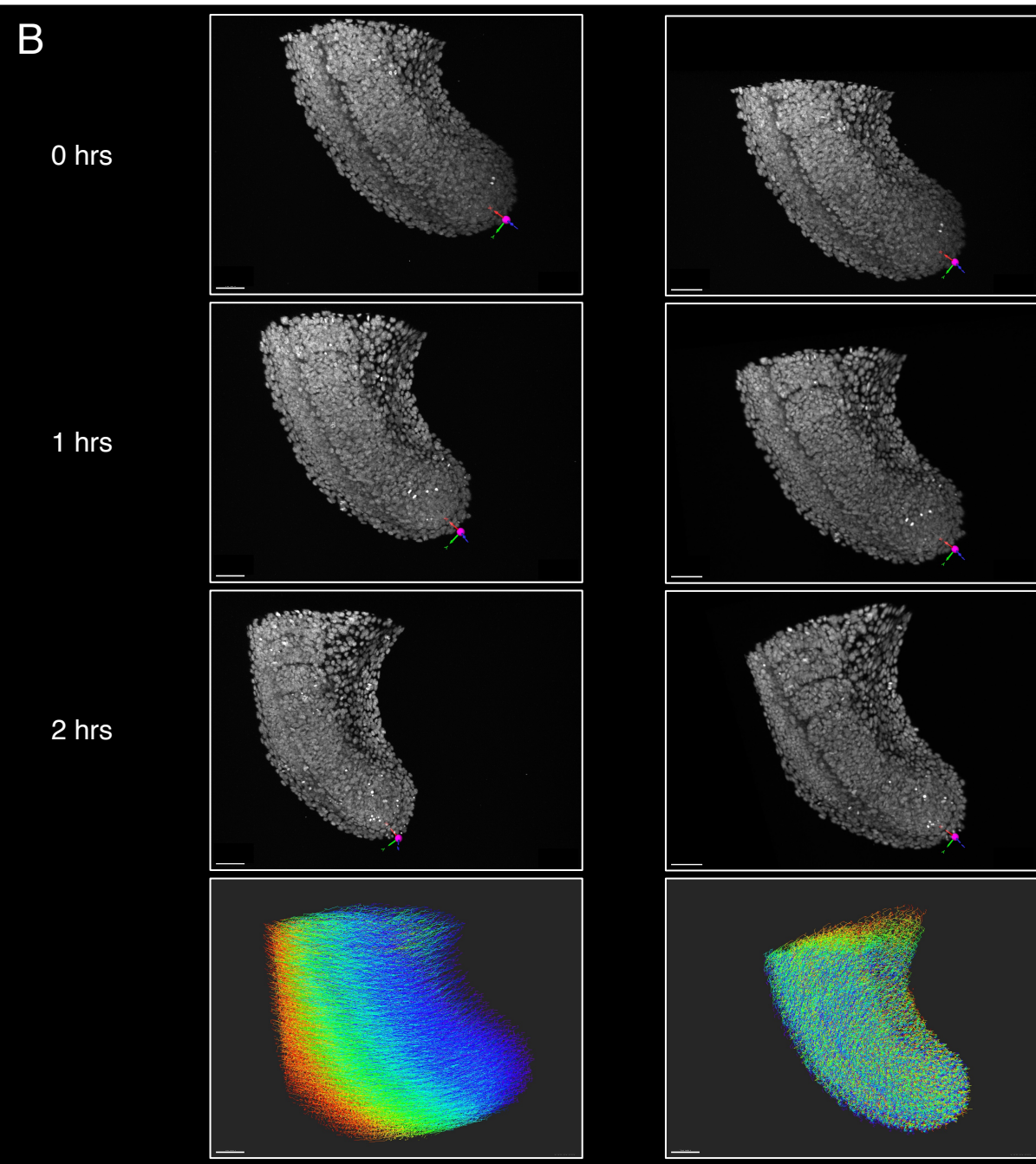
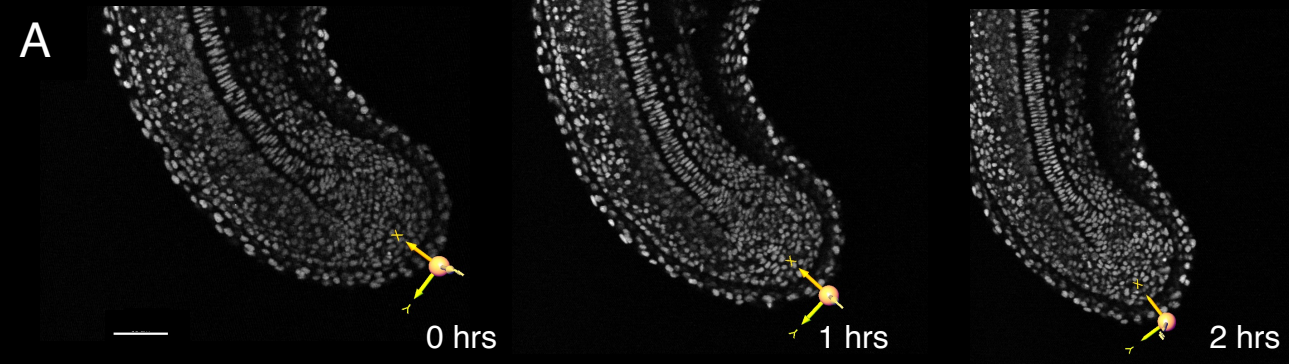


Figure S4

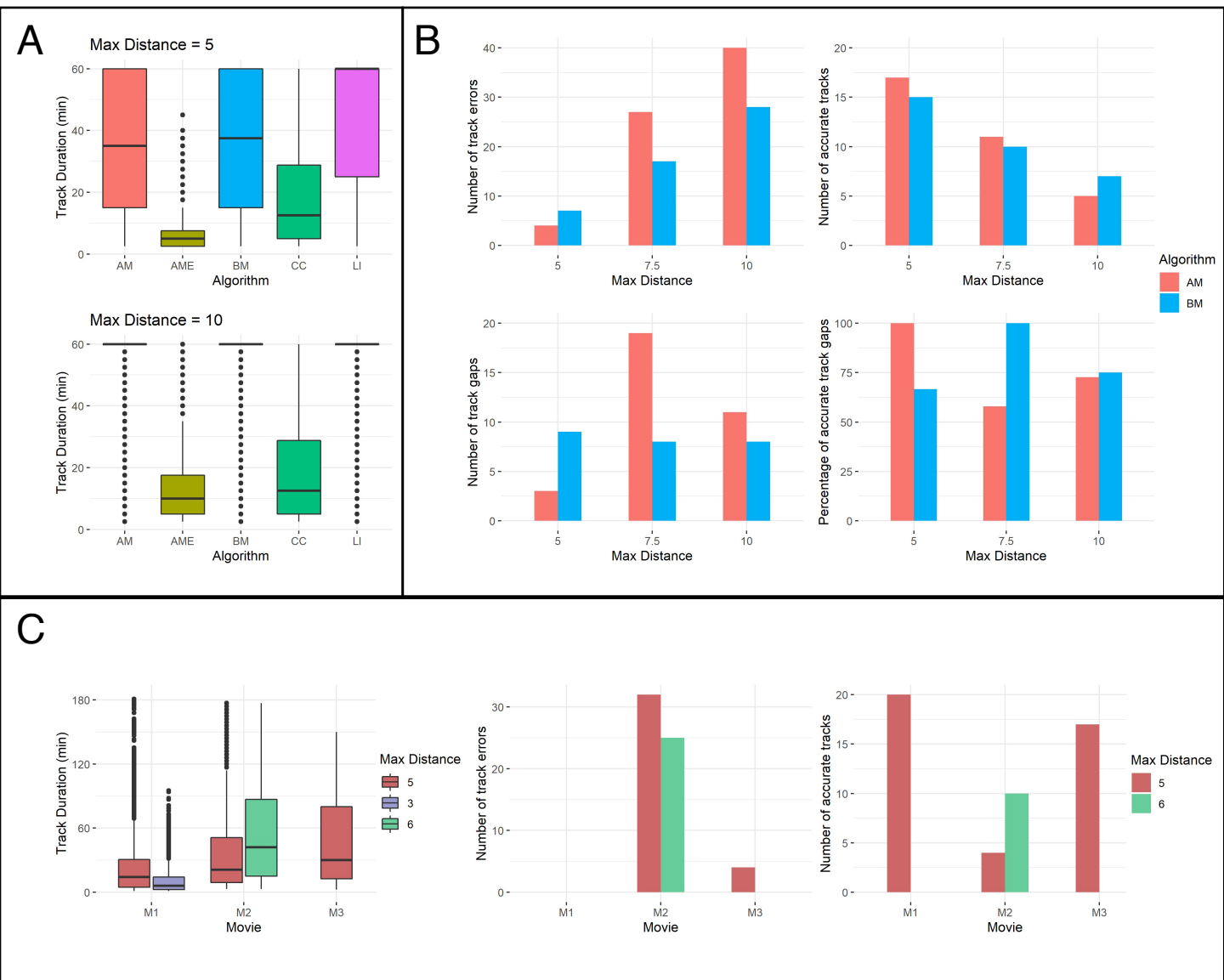
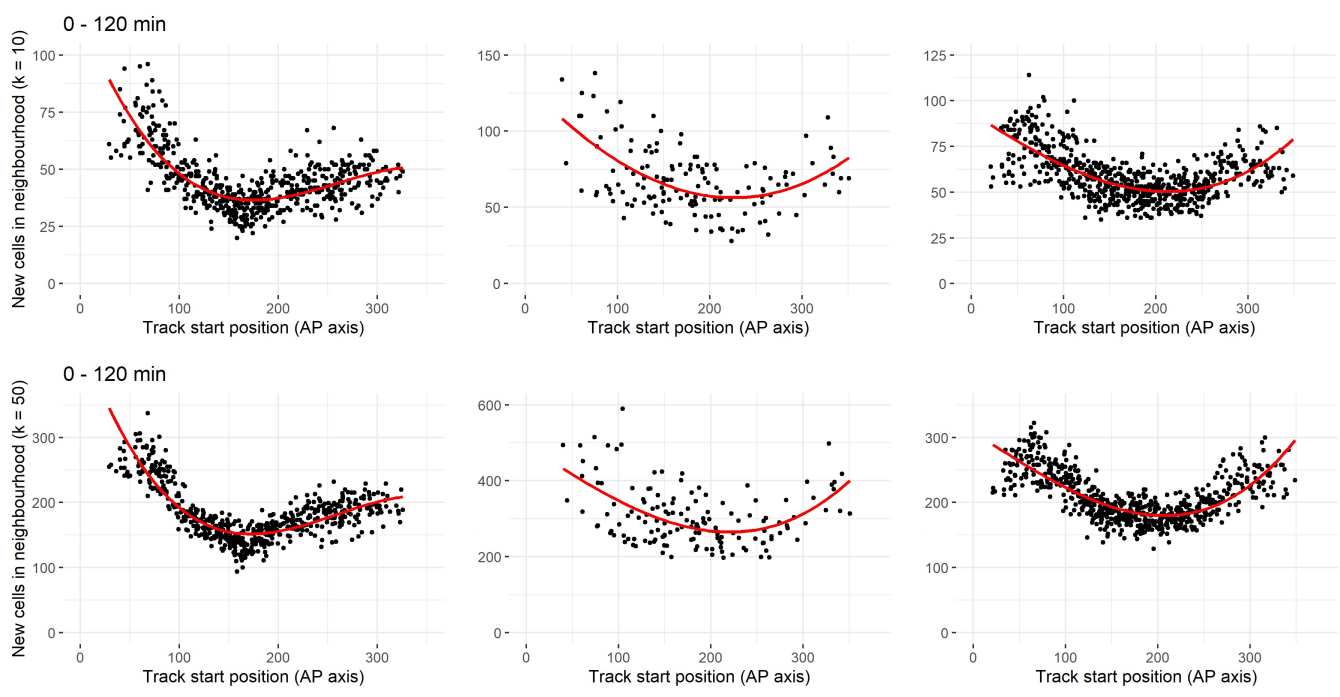
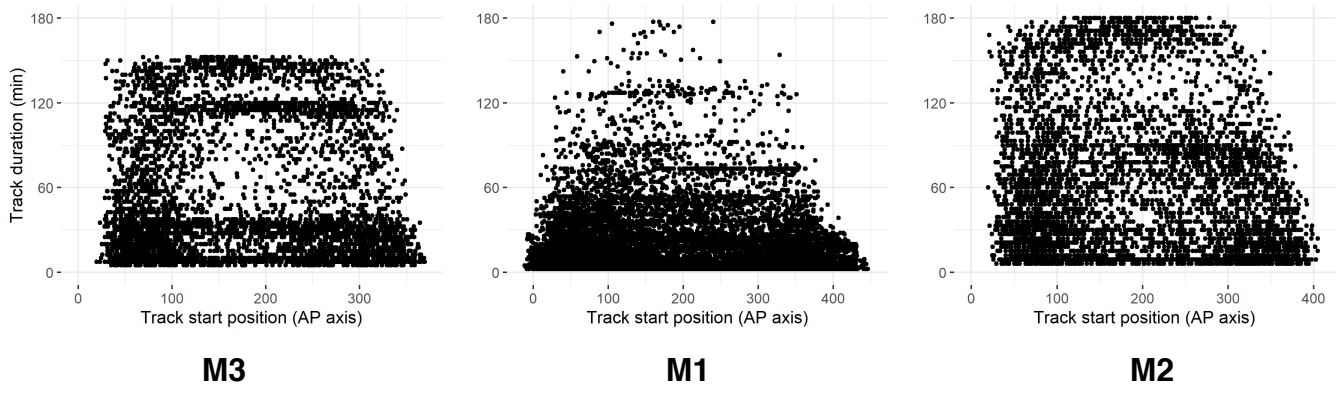


Figure S5

A**B****Figure S6**

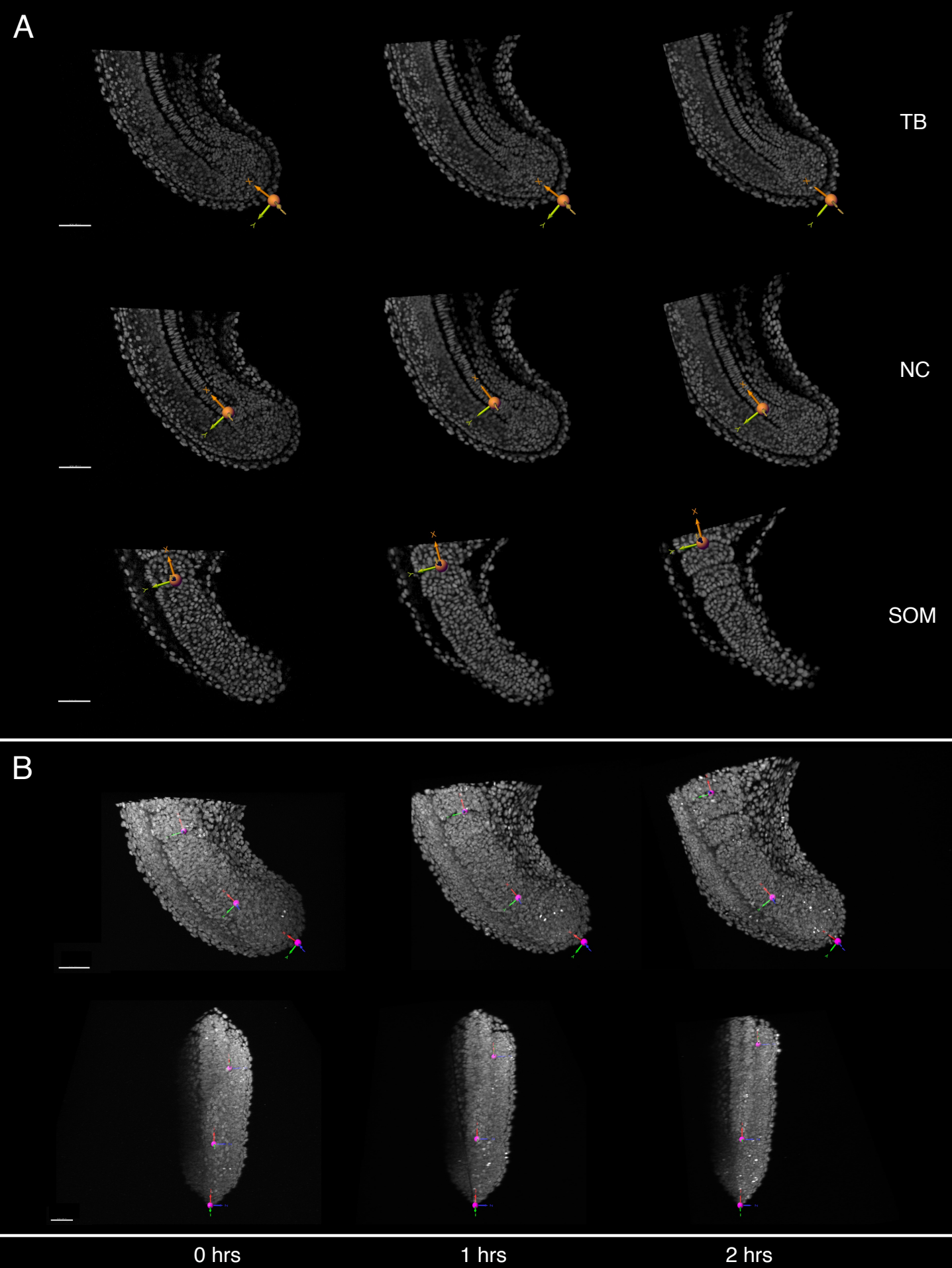
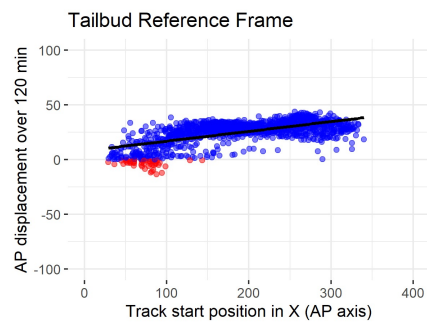


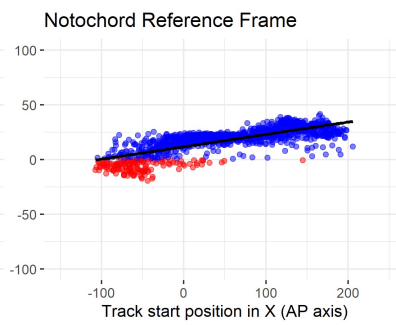
Figure S7

M3

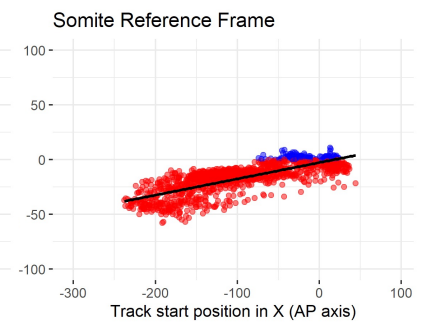
A



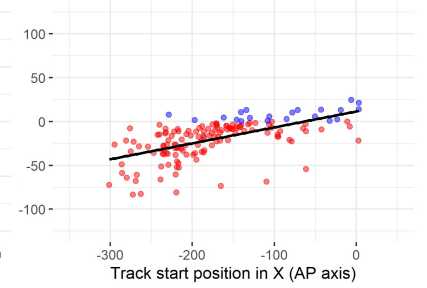
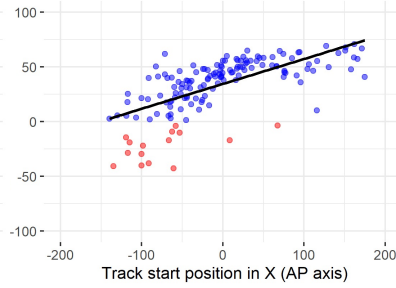
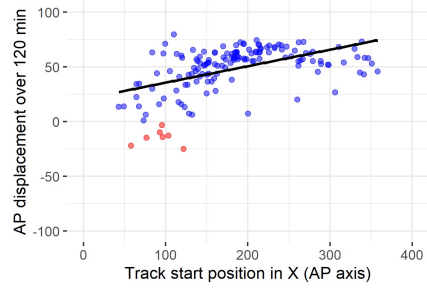
B



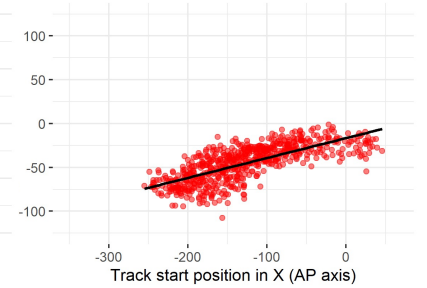
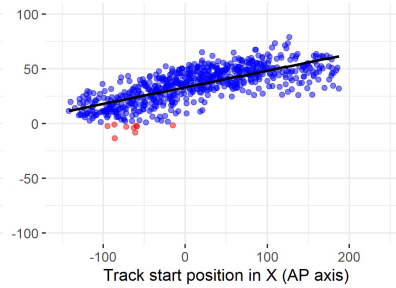
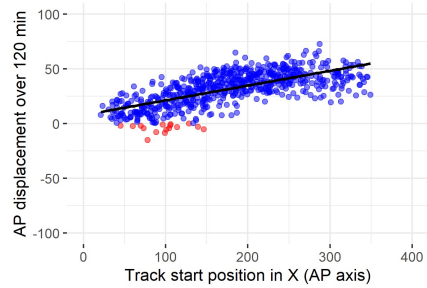
C



M1



M2



Displacement type • anterior • posterior

Figure S8