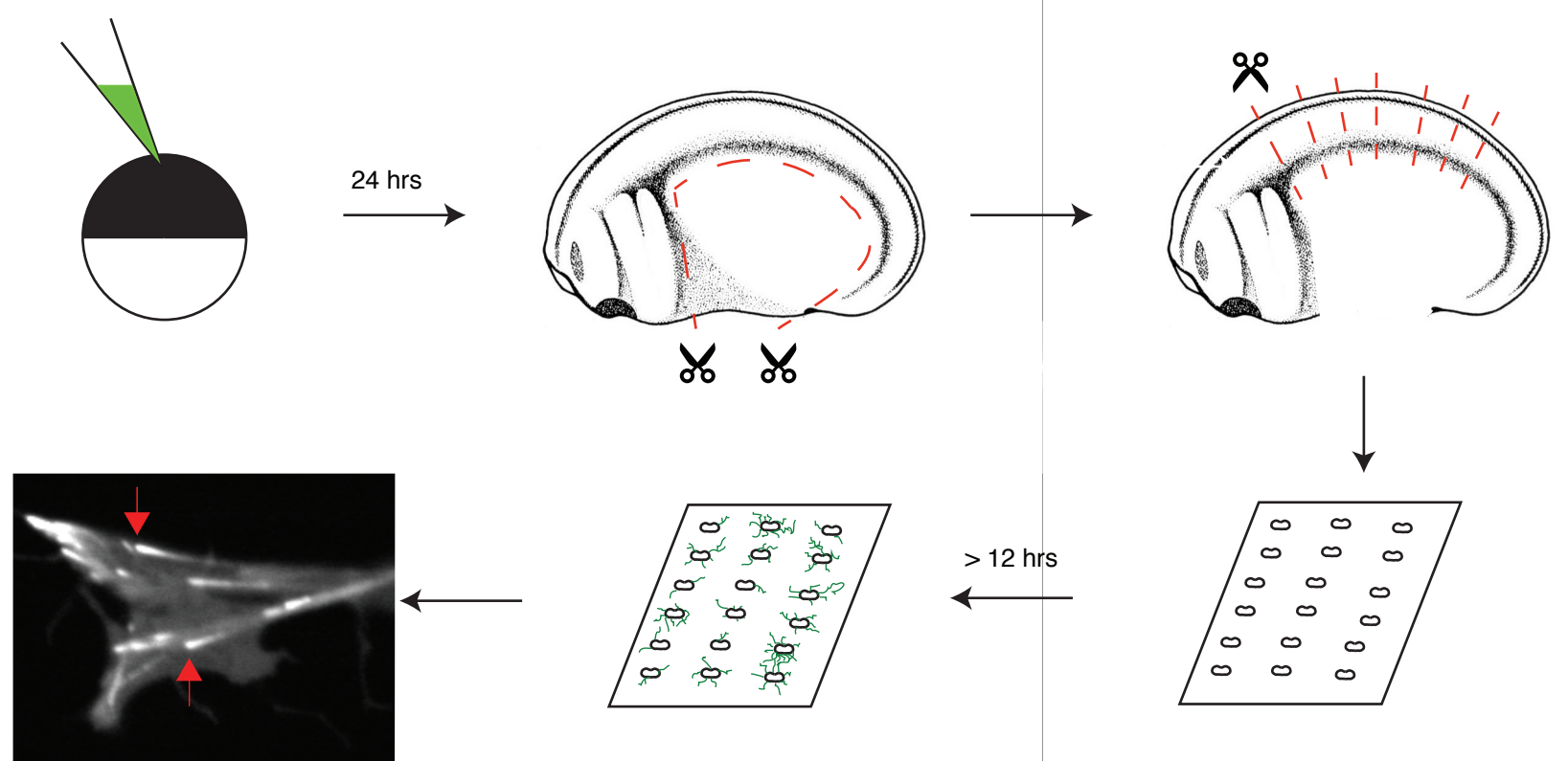
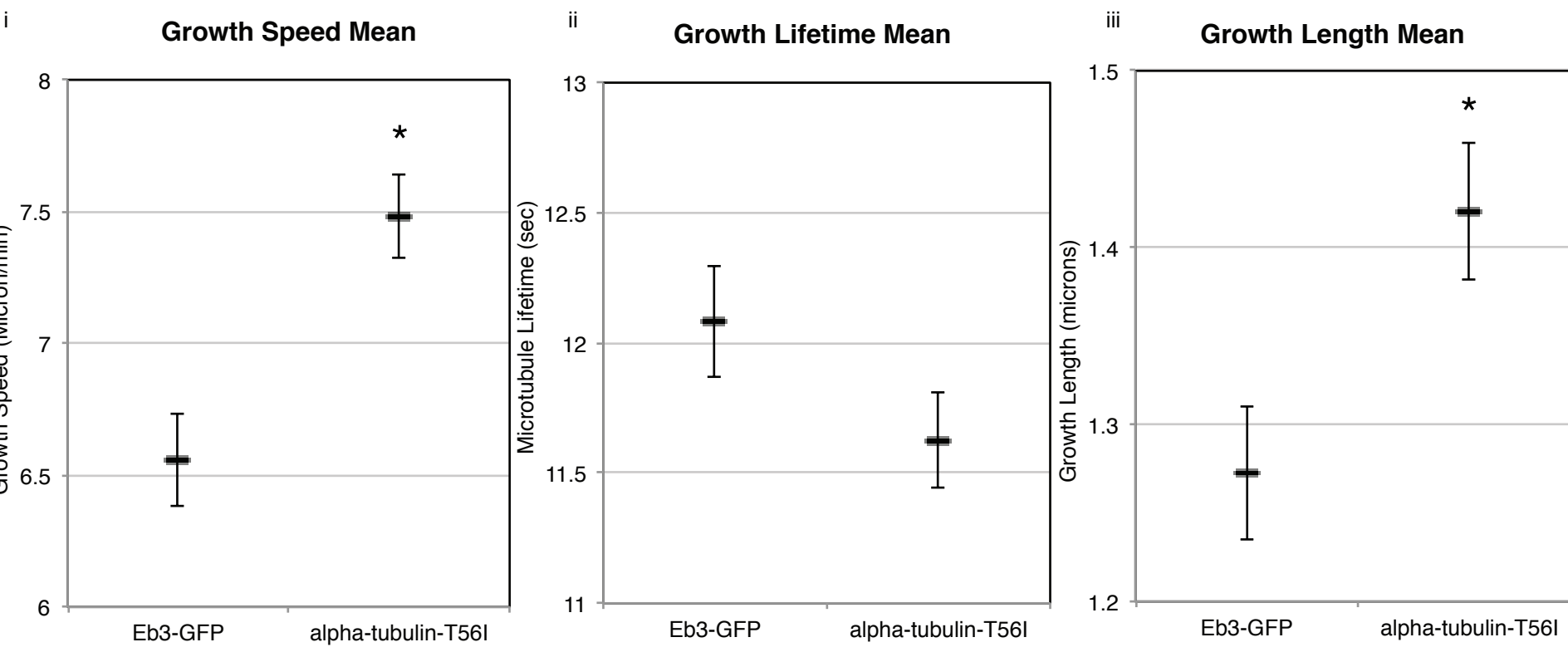


A



B



C

Control	AVERAGE	STANDARD DEVIATION	SEM	
growth speed mean (Microns/min)	6.56	1.74	0.18	
growth lifetime mean (Seconds)	12.08	2.12	0.21	
growth length mean (Microns)	1.27	0.37	0.04	

Alpha-tubulin-T56I	AVERAGE	STANDARD DEVIATION	SEM	P (Student's t-test)
growth speed mean (Microns/min)	7.48	1.74	0.16	0.000
growth lifetime mean (Seconds)	11.62	2.02	0.18	0.097
growth length mean (Microns)	1.42	0.43	0.04	0.006