**In Vivo:**

* Right direction elongation 🡪 Initialize PCP
  + Show ”gradtube\_debug\_2”
* Making controlled vesicle to test PCP initializing and elongation
* Have done histograms on position vs initialization time 🡪 Results did not show any correlation. Must fix. Maybe fixable with stronger connection between iREC and pUEC? Otherwise maybe less noise? Or earlier vesicle formation?

Et billede, der indeholder skærmbillede, diagram, linje/række

Automatisk genereret beskrivelse

* Histogram of initialization times show that most particles are initializes very early. This should also be fixed. This might be fixable with bag. Try with next nearest neighbors first.

Et billede, der indeholder tekst, diagram, skærmbillede, Kurve

Automatisk genereret beskrivelse

**In Vitro**

* In vitro we see big vesicle 🡪 narrow tubes. This requires gradual alpha increasements otherwise we get a donut. 🡪 Should we do gradualness for vitro too?
* Tube unstableness.
  + Can be fixed with Julius potential.
  + Can maybe be fixed by only allowing clusters of a certain size to begin tube formation?
* **Solutions:**
  + Critical size 🡪 anisotropic wedging
  + Set lambda3 to smol or 0
  + Ignore the donuts.