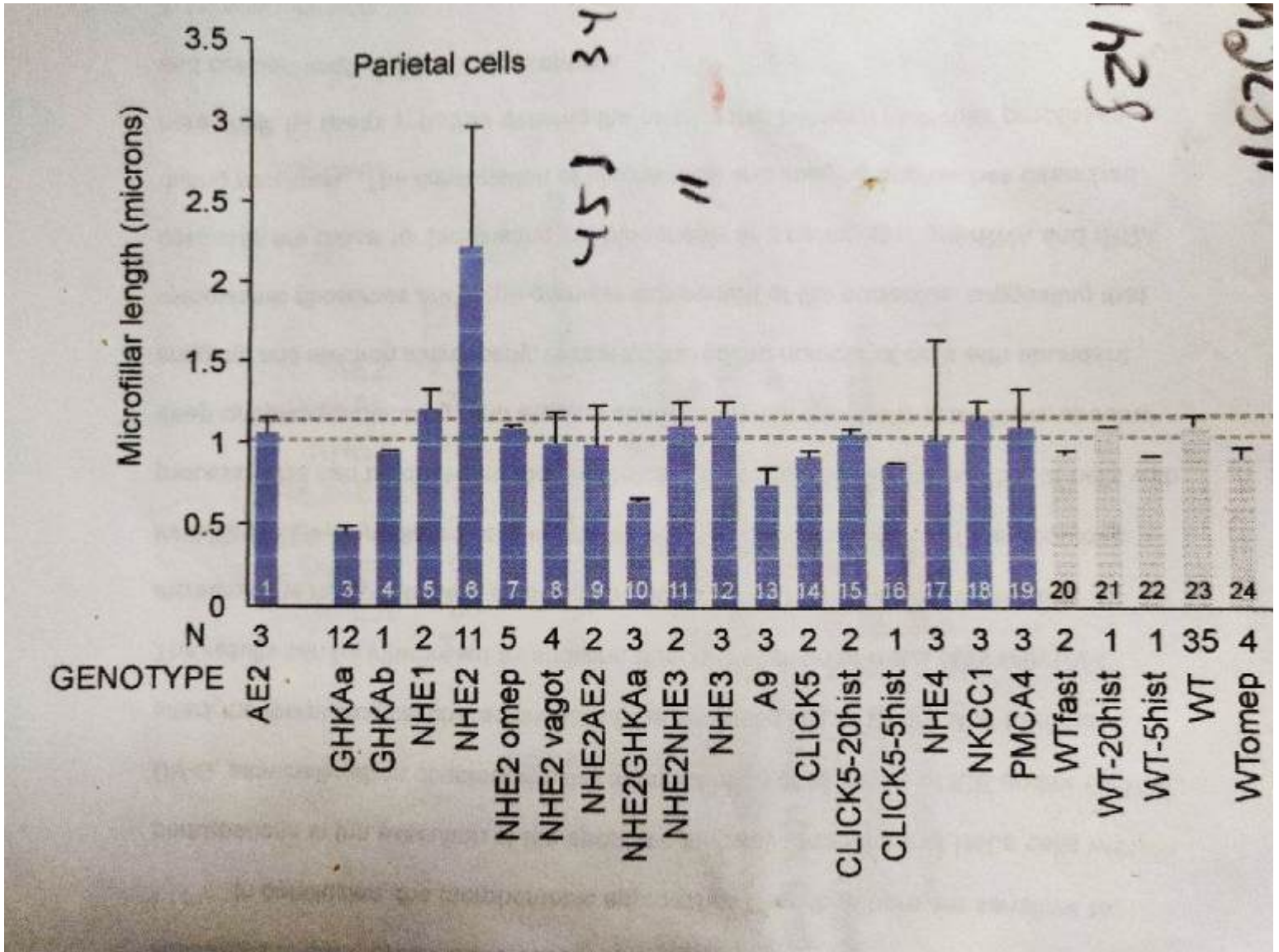
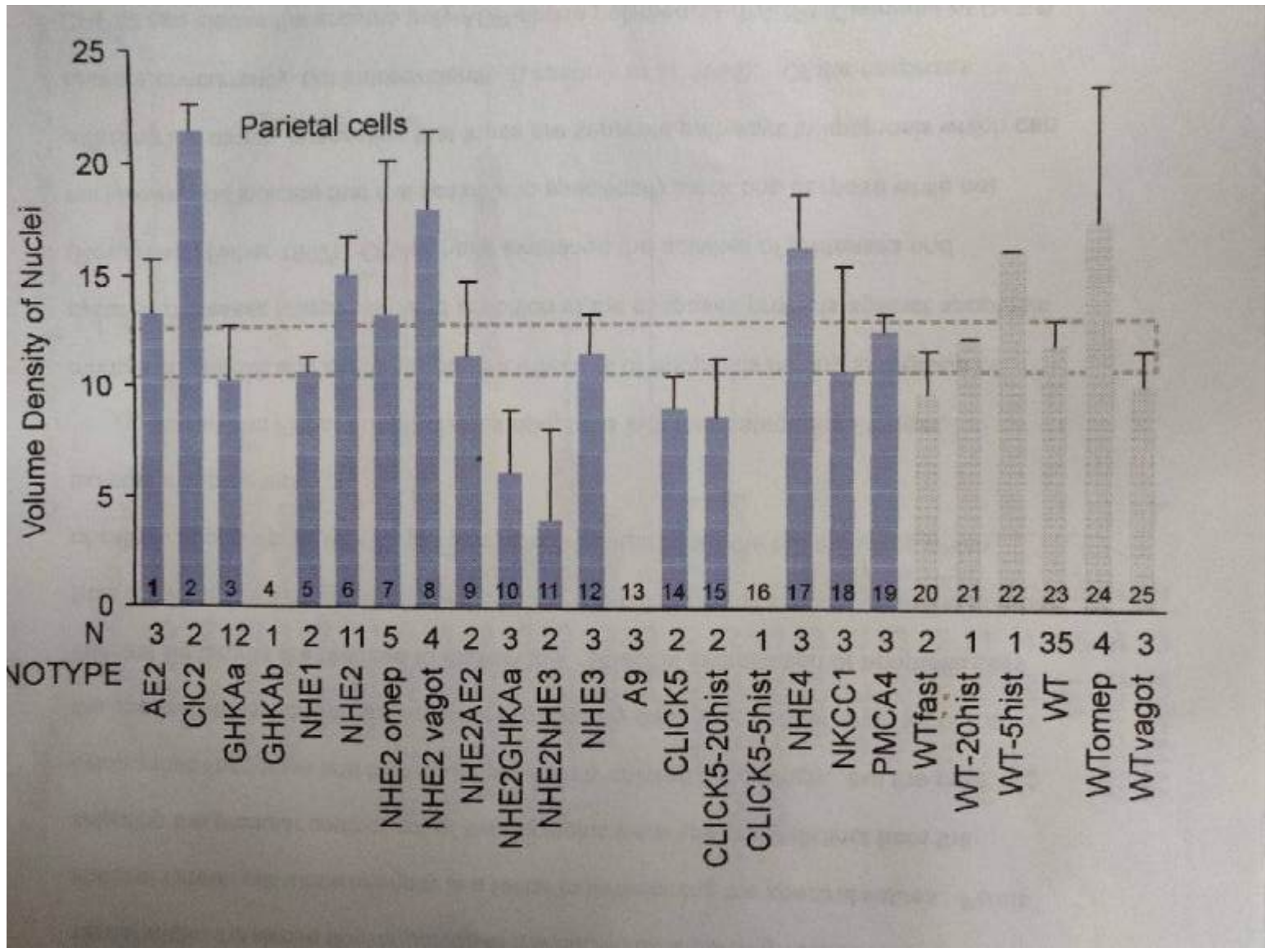
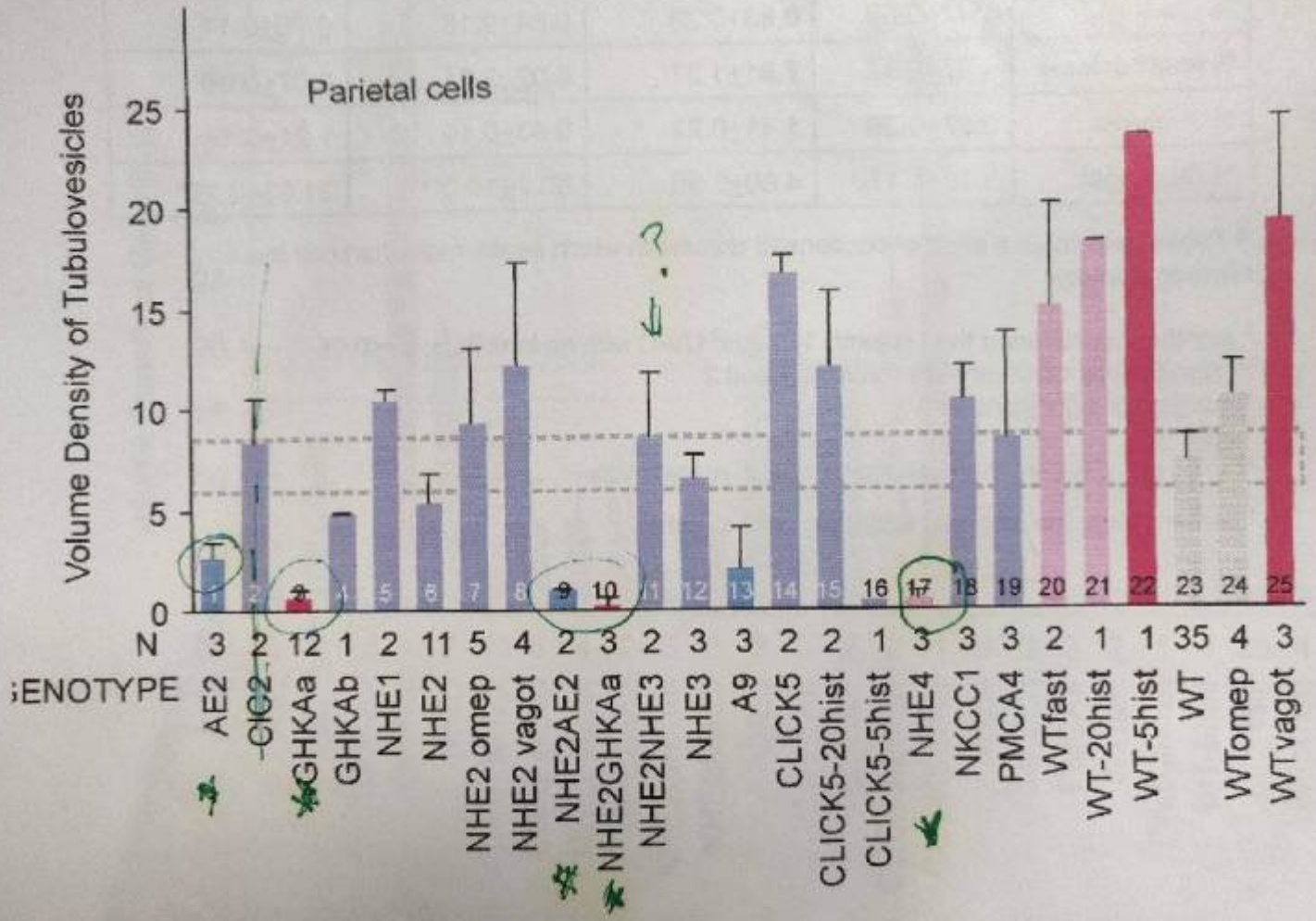


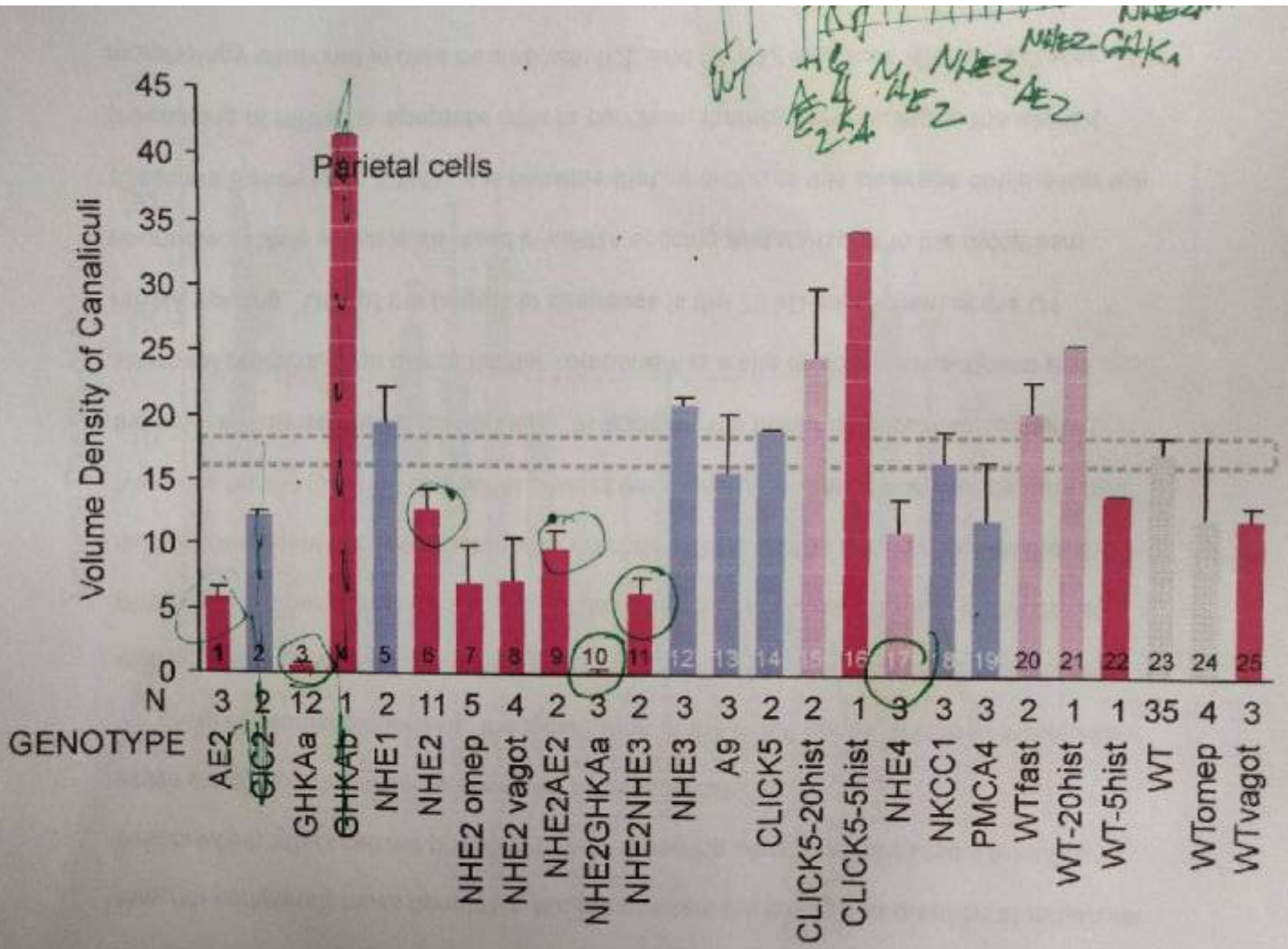
Loss of specific ion transport proteins in parietal cells yields unique changes in the volume density of secretory and basolateral membranes and mitochondria: A manuscript never finished: performed with G. Shull and his students and postdocs.

Graphs: volume density (point counting morphometry) that were prepared for this manuscript @ 2007.

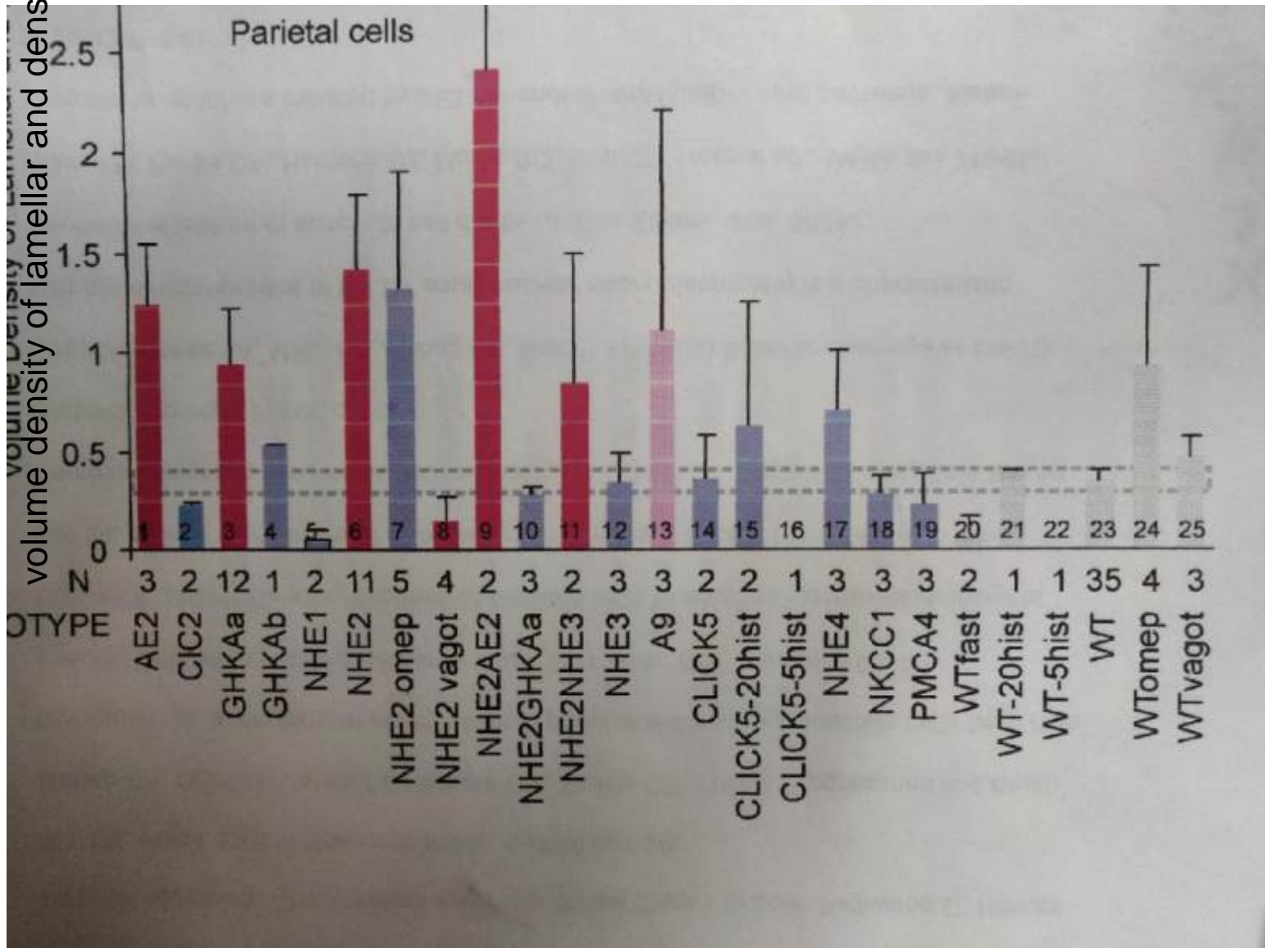


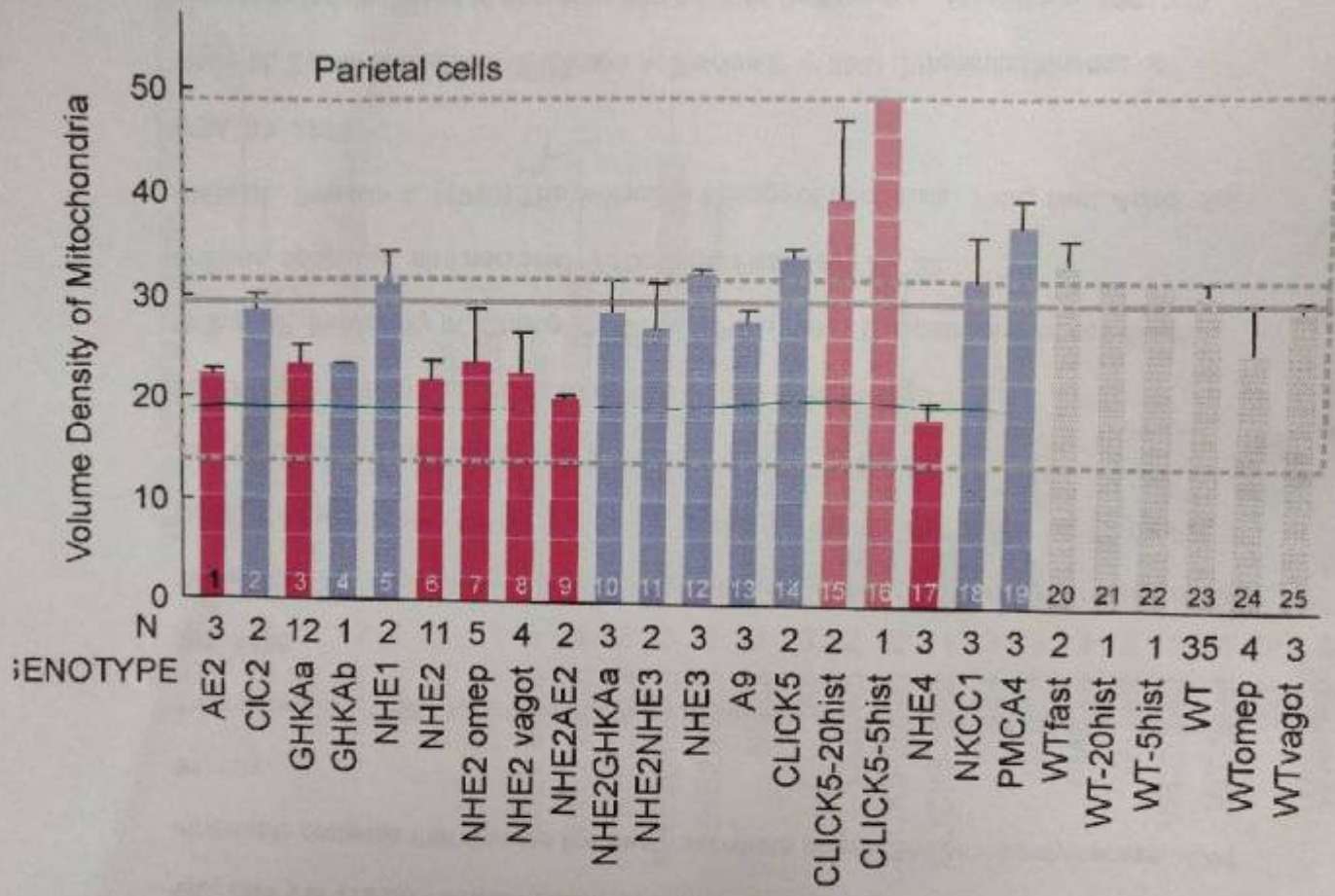


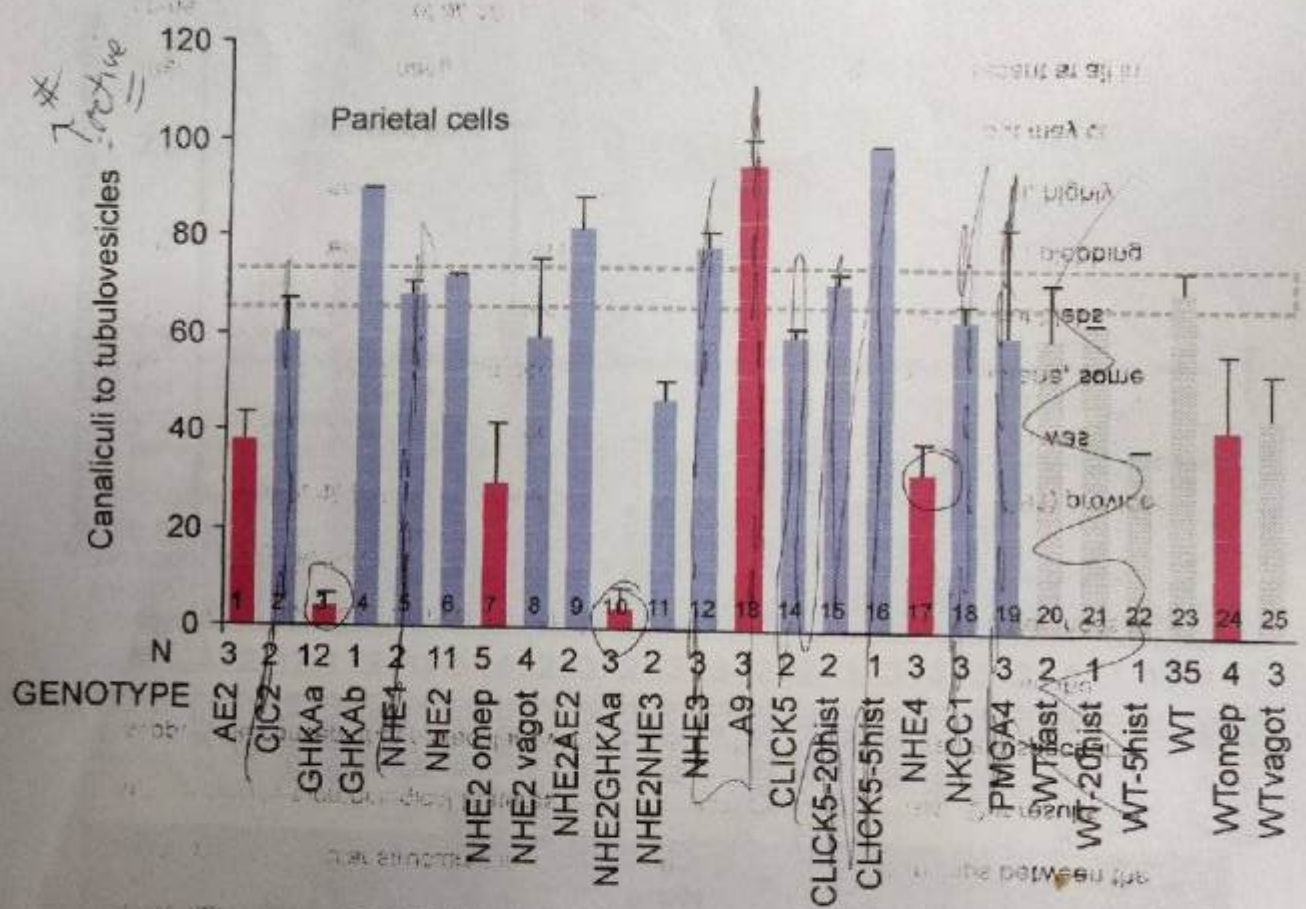


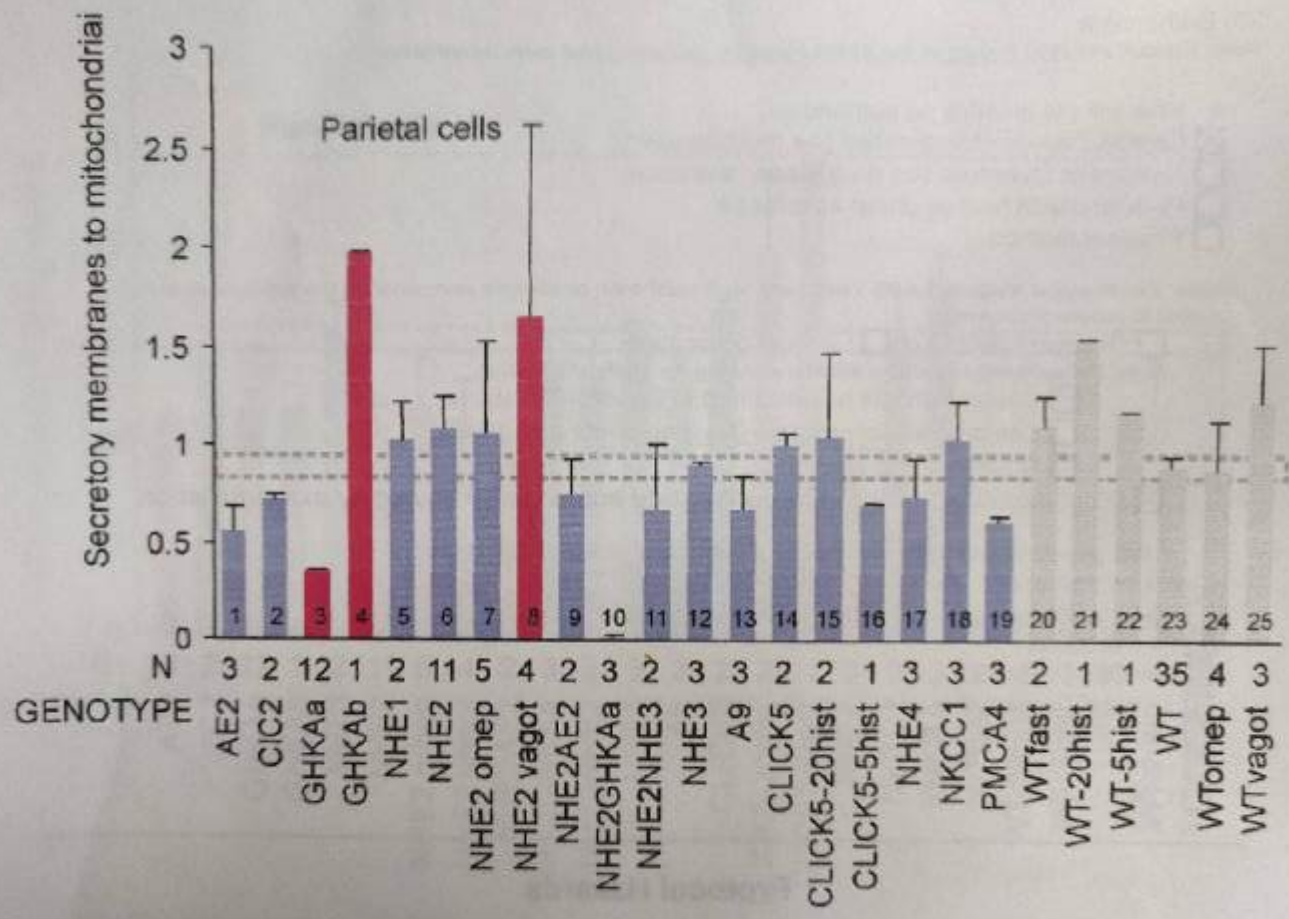


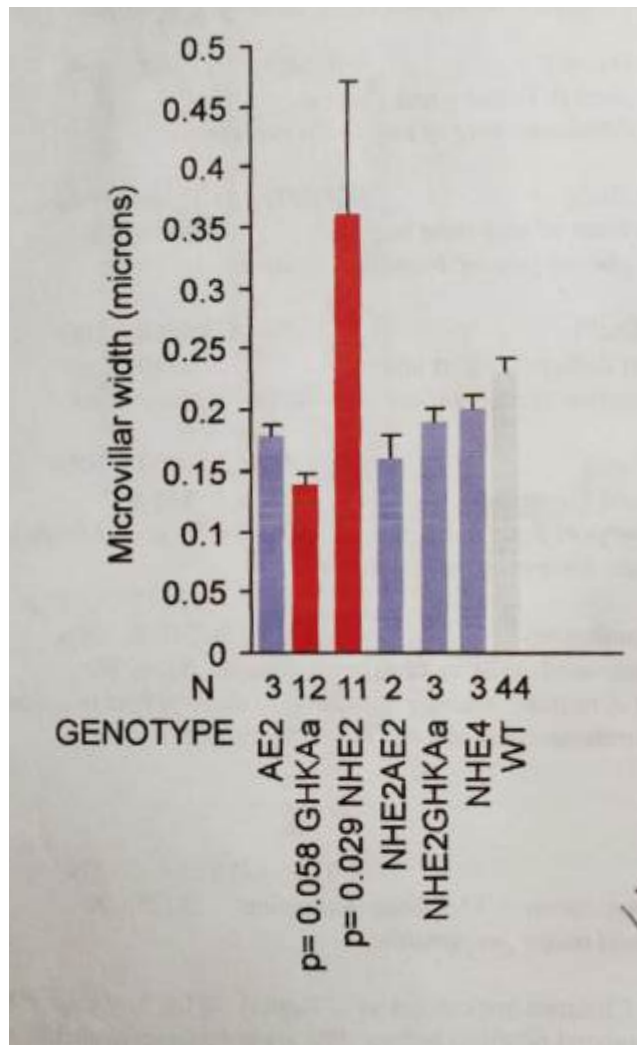
volume density of lamellar and dense bodies

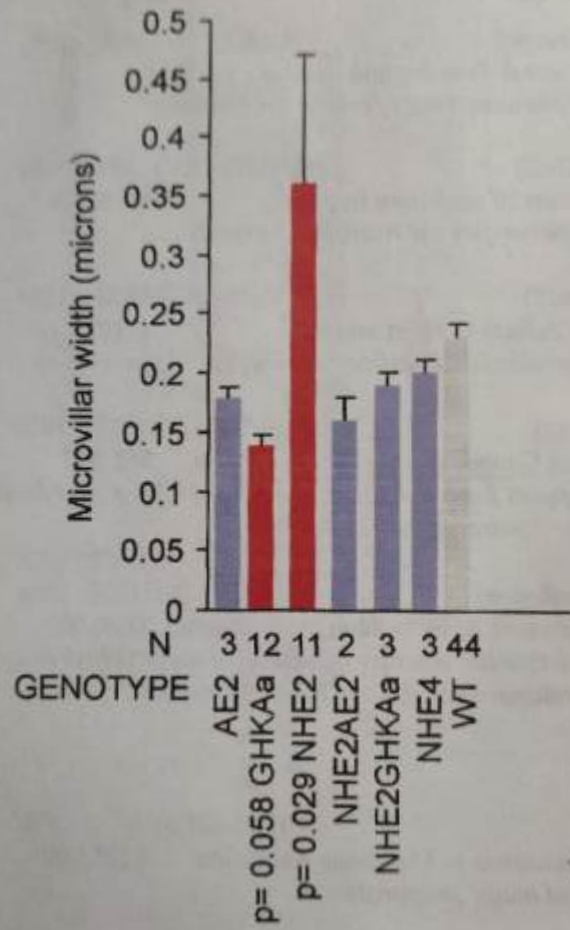


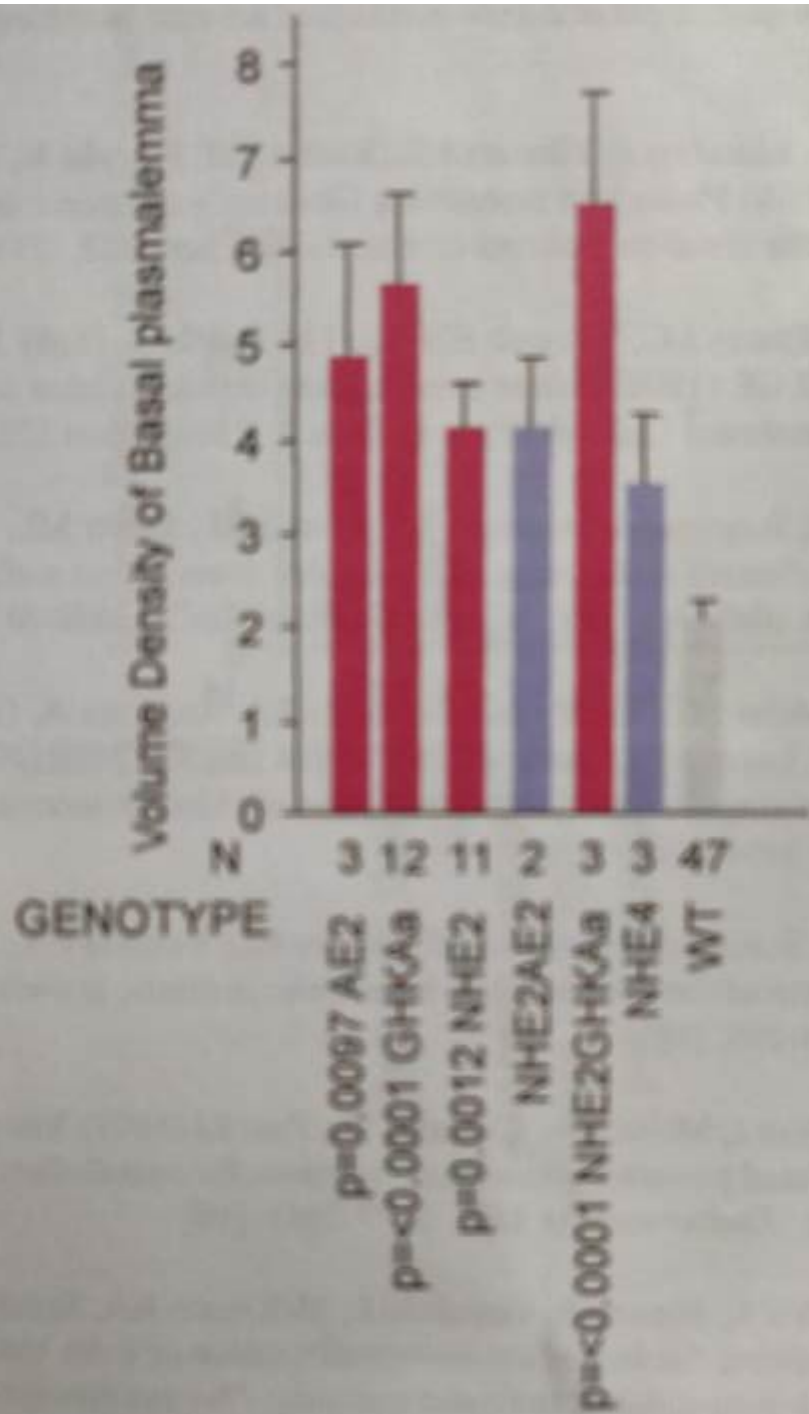


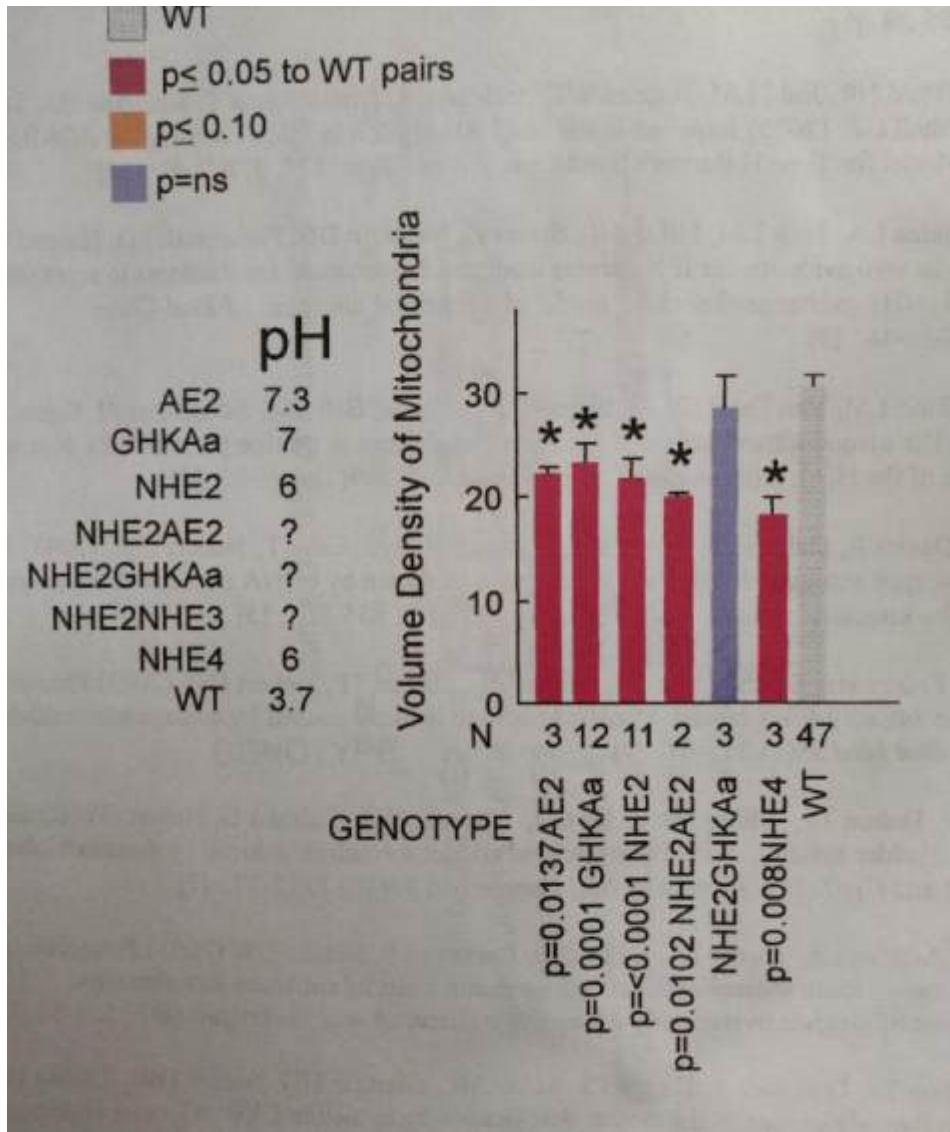


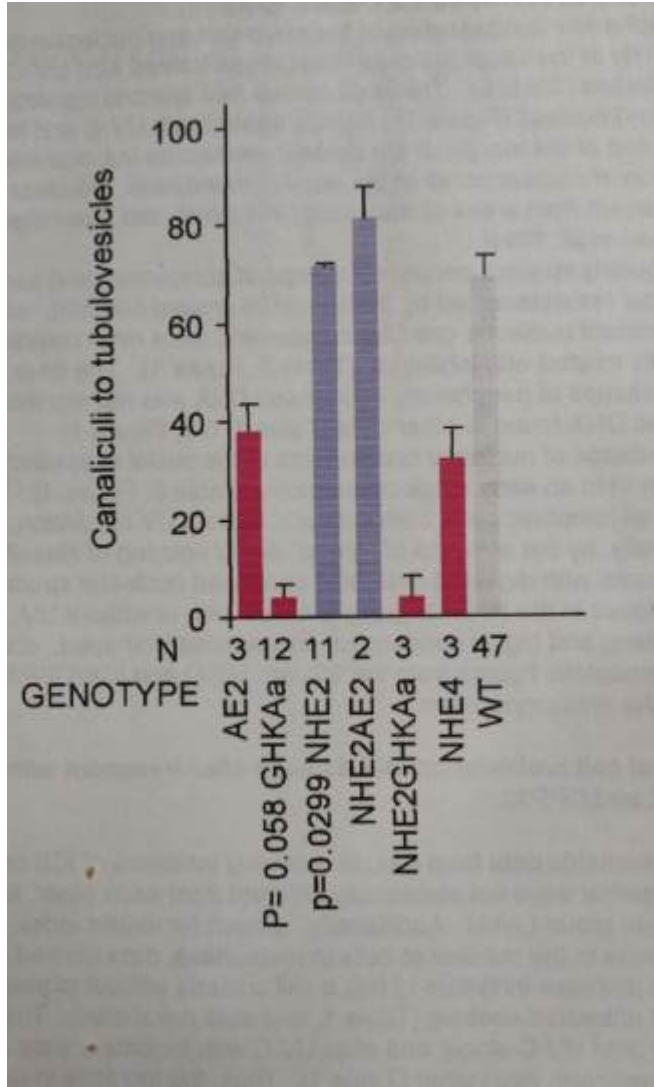


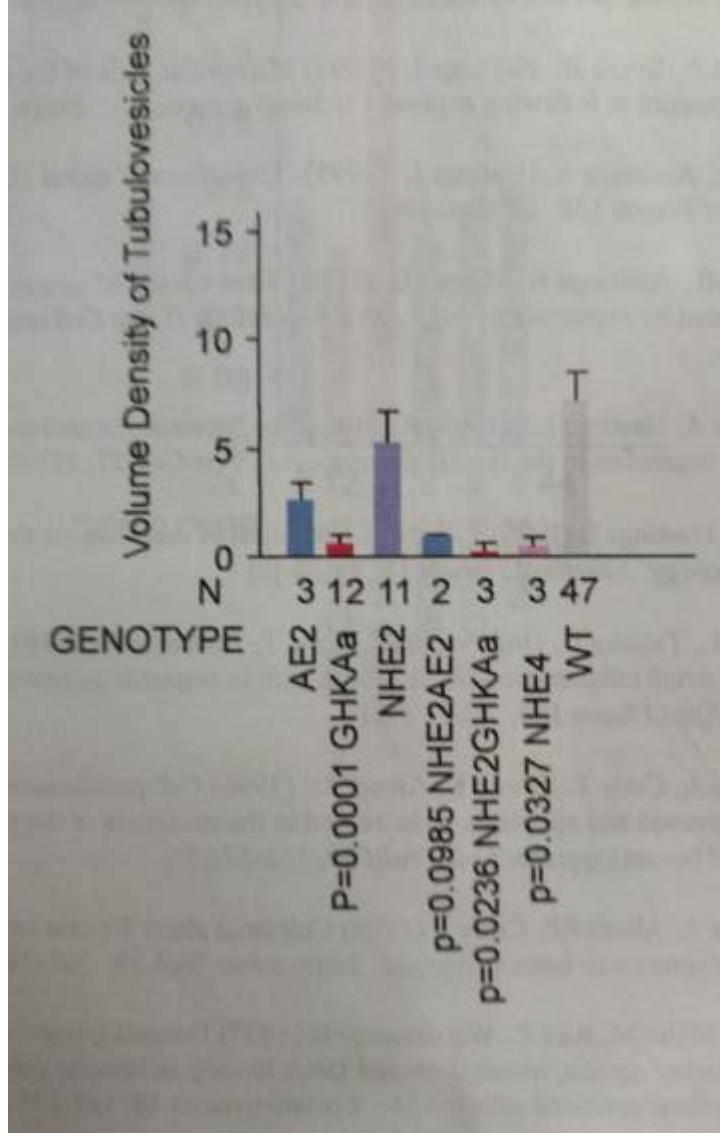


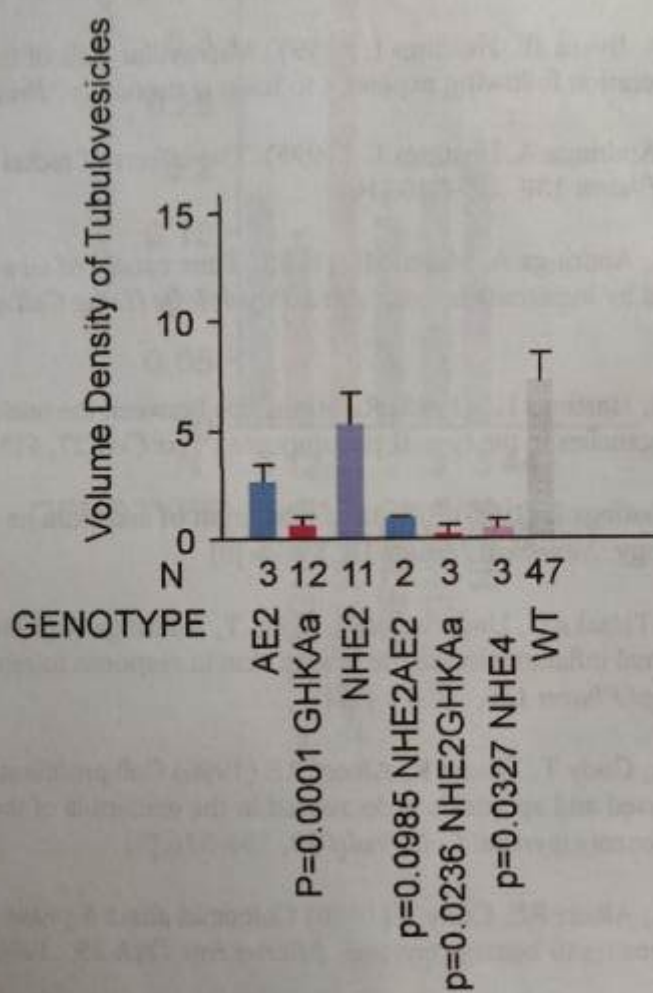


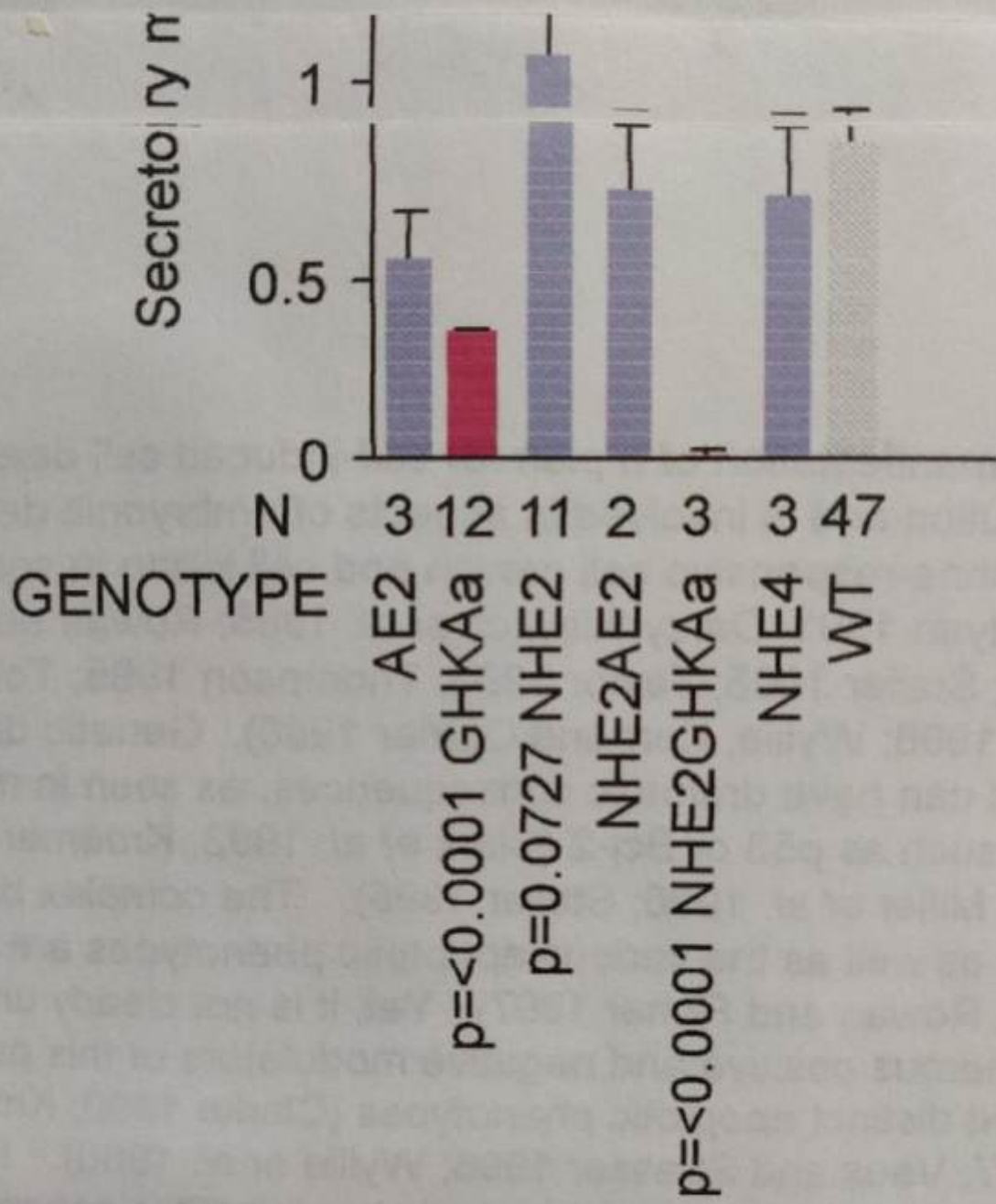


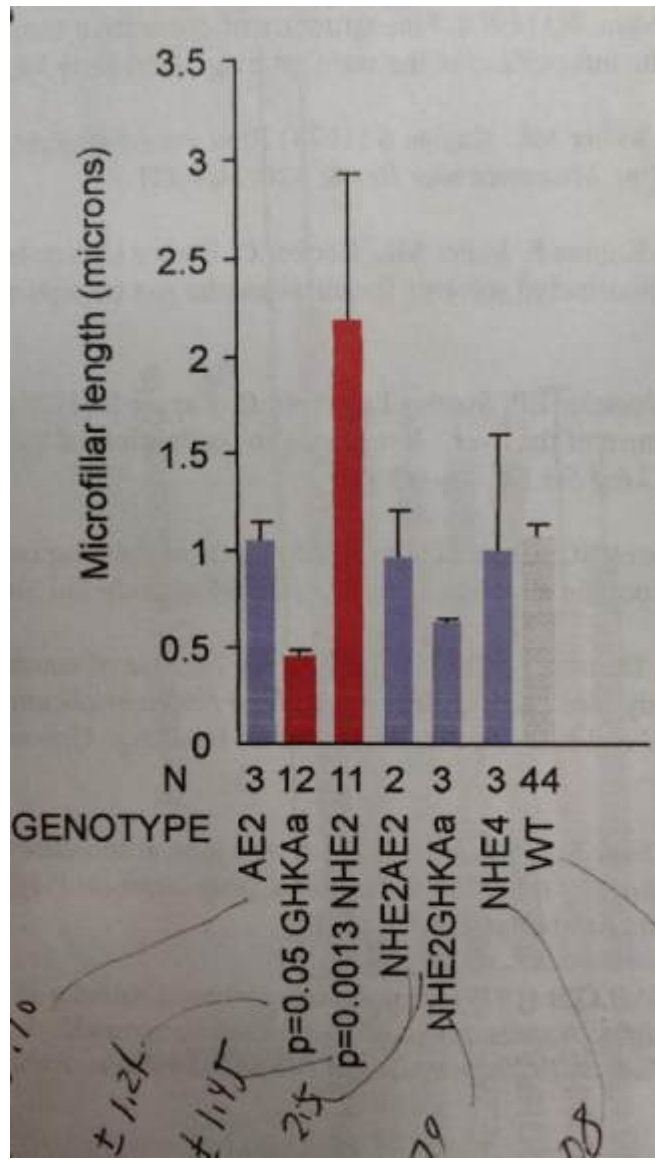


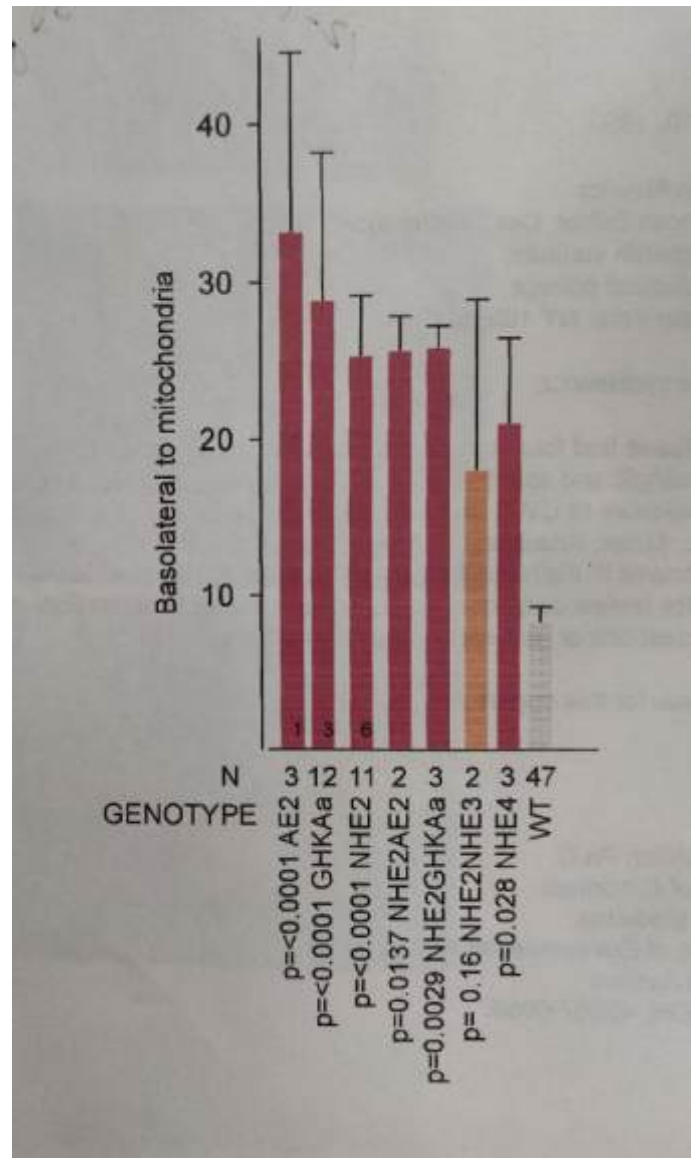


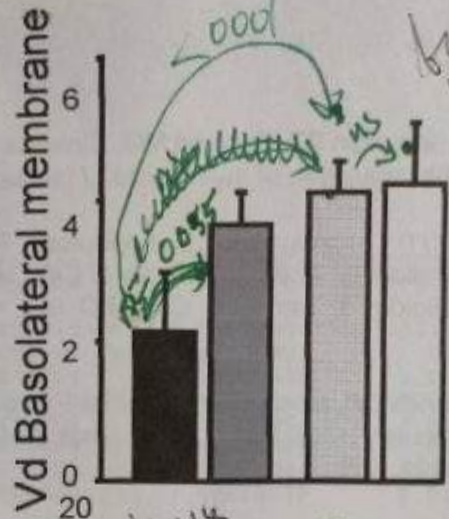
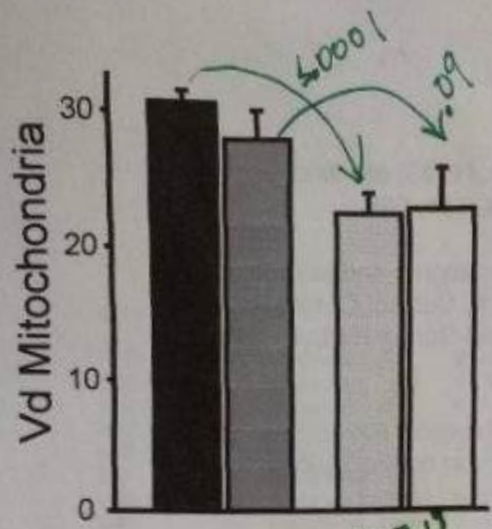




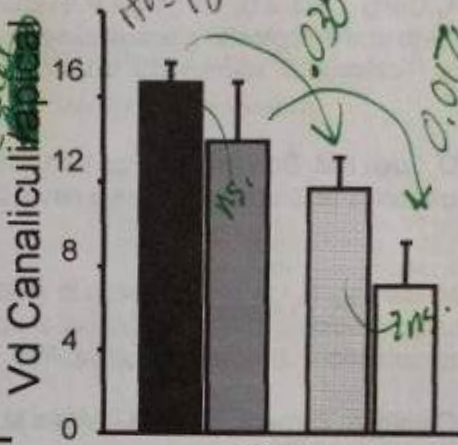
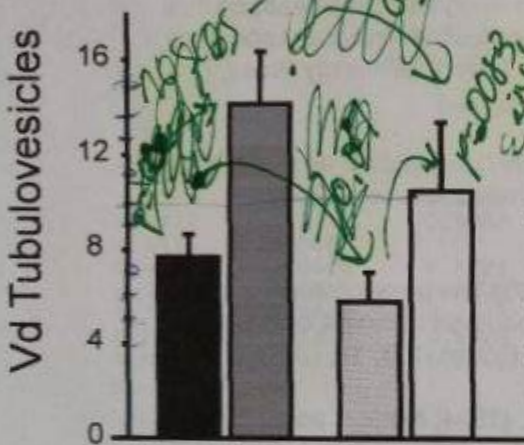






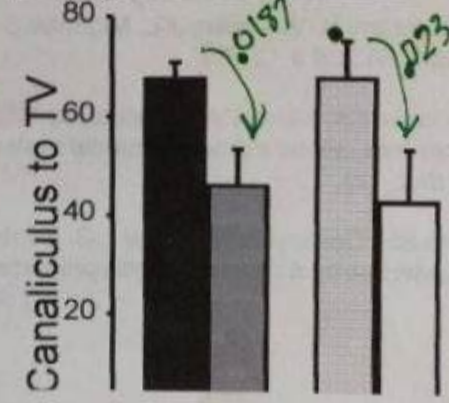
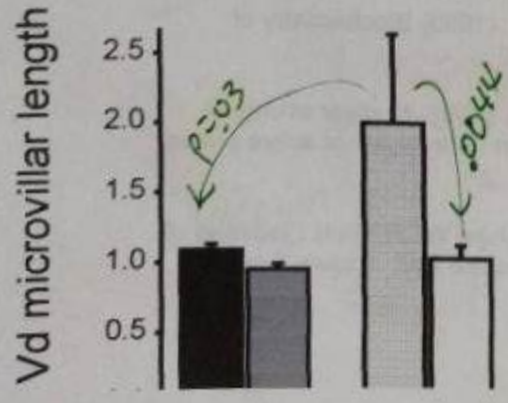
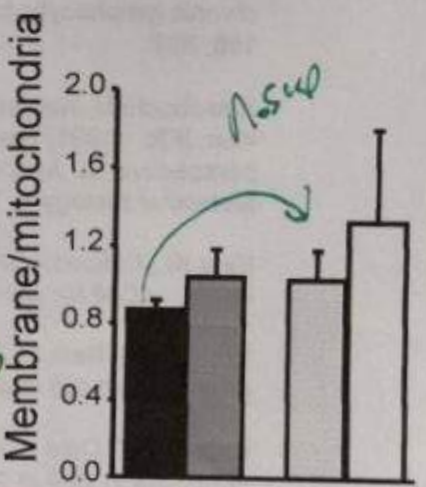
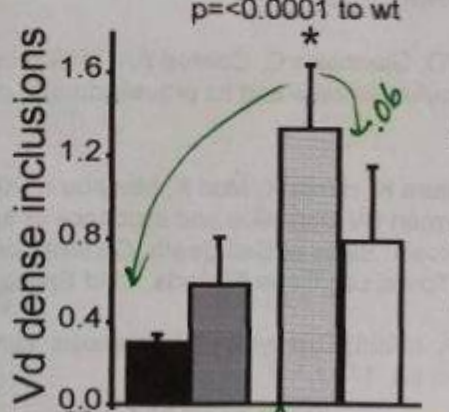
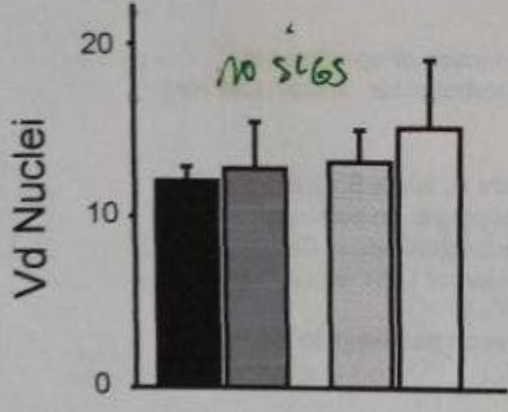


Handwritten notes:
 Hto
 Nucleus = 27
 4.9
 Ito
 method = 28



Legend:

- WT untreated $n = 47$
- WT inhib $n = 9$
- NHE2 uninhib $n = 13$
- NHE2 inhib $n = 9$



Handwritten notes:
 8-14.5
 5.5-18