



Supplementary

## Investigating Helium Bubble Nucleation and Growth through Simultaneous In-situ Cryogenic, Ion Implantation, and Environmental Transmission Electron Microscopy

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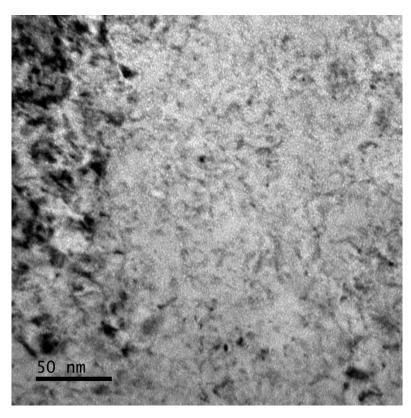


Figure S1. Under-focus image showing He bubbles during implantation.

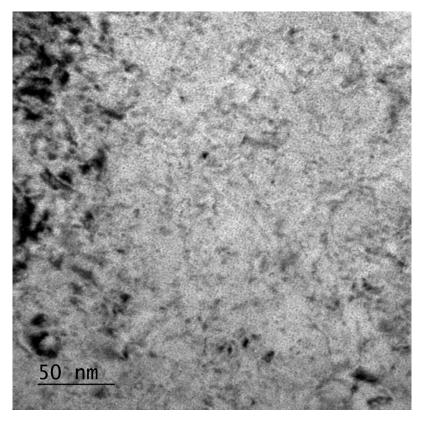


Figure S2. Over-focus image showing He bubbles during implantation.



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