Supplemental Document

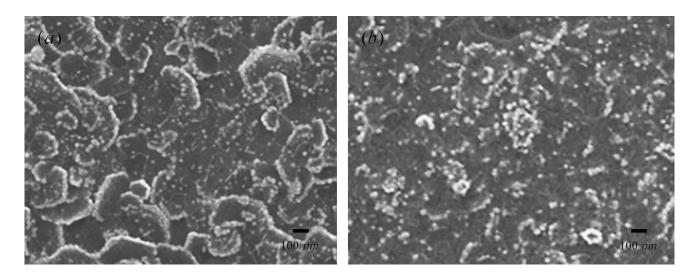


Figure S1. The morphology of GaS_x growth from the silicon substrate at (a) 2 cm, and (b) 3 cm, downstream of the Ga source. The figures show that the dots appear in white triggers the nucleation and participated in the lateral growth of GaS_x platelets.