Supporting information

Low-temperature synthesis of 2D anisotropic MoTe$_2$ using high-pressure soft sputtering technique

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Figure S1 Raman spectra for MoTe2 thin film growth followed by in-situ annealing on a. HOPG and b. sapphire substrate. Raman spectrum for sapphire substrate is shown as background. Peak at 151 cm$^{-1}$ in background spectrum is from environment lights through transparent sapphire substrate.

Figure S2 Raman spectra for MoTe2 thin film with different Mo sputtering power a. on heated substrates and b. room temperature deposition followed by annealing.