

Figure 1: Mass changes recorded by in situ QCM during AlO_xF_y growth by the halide-exchange method at 150°C . The sequential exposure of TMA, H_2O and HF yielded an average mass gain per supercycle of $24\text{-}25 \text{ ng/cm}^2$.

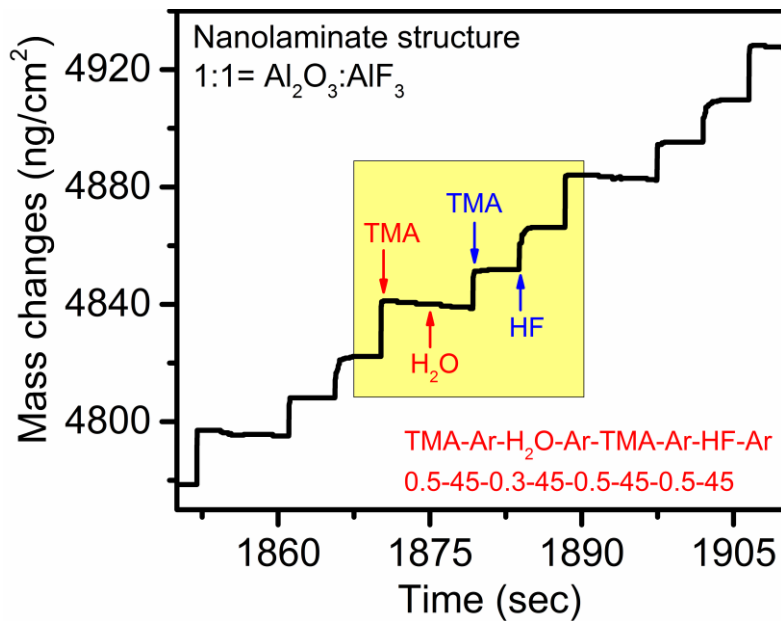


Figure 2: Mass changes recorded by in situ QCM during AlO_xF_y growth by the nanolaminate method at 150°C . The sequential exposure of TMA, H_2O and TMA, HF yielded an average mass gain per supercycle of $60\text{-}61 \text{ ng/cm}^2$.