Supplement 1 Jaffal M et al., *Topographic Area Selective Deposition: a comparison between PEALD/ALE and PEALD/sputtering approaches*



 $\begin{array}{l} Figure \ 1-TEM \ image \ of \ selective \ Ta_2O_5 \\ deposition \ on \ sidewalls \ of \ raised \ 3D \\ structures \ using \ PEALD \ + \ Ar^+ \ sputtering \\ super-cycle \ process \end{array}$



Figure 2 – Zoom of Figure 1 at the lower corner of raised 3D structures showing Ar⁺ sputtering-related defects.