

Description of Additional Supplementary Files

Supplementary Movie 1 | Tilt series of TEM images (taken from -60° to $+60^{\circ}$) of 2nd-PtO:O-NF.

Supplementary Movie 2 | Tilt series of TEM images (taken from -60° to $+60^{\circ}$) of 3rd-PtTO:TO:O-NF.

Supplementary Movie 3 | Tilt series of TEM images (taken from -60° to $+60^{\circ}$) of 4th-PtC:CO:TO:O-NF.

Supplementary Movie 4 | Tilt series of TEM images (taken from -60° to $+60^{\circ}$) of 4th-AgC:CO:TO:O-NF.