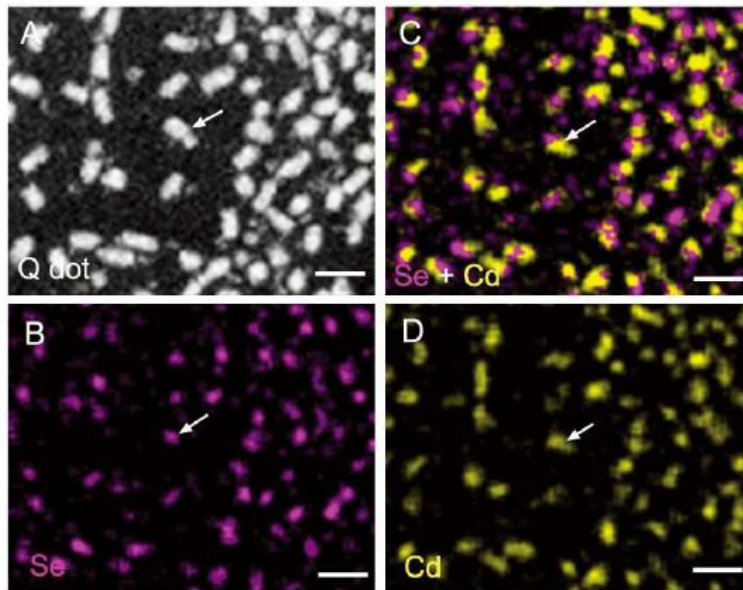




Additional file 2: Figure S2 Energy dispersive X-ray (EDX) mapping of Quantum dots (QDs). Ultrastructure of QDs, dribbled on the formvar membrane, are electron-dense and oblong with homogeneous diameter (A). Pixel-based EDX elementary mapping highlighted the distribution of Se (pink, B) or Cd (yellow, D), which exactly correspond to the ultrastructural shape of QDs (C, an arrow). Scale bars = 20 nm.