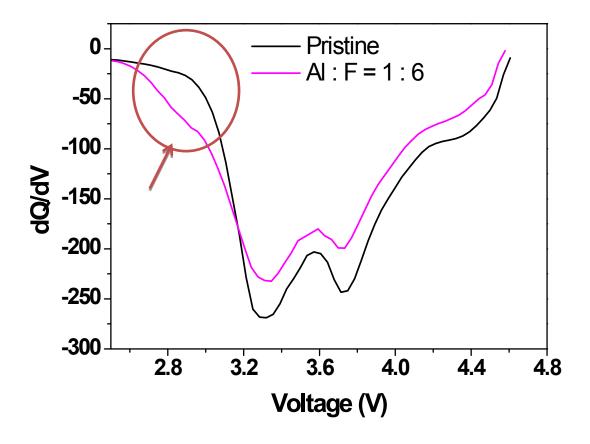
## **Supplementary Information**



S1. (a) Comparison of dQ/dV versus voltage of pristine sample and dual coated OLO sample with an  $Al_2O_3/LiF$  ratio of 1:6.