

## Supporting Information

for

### CoPc and CoPcF<sub>16</sub> on gold: Site-specific charge-transfer processes

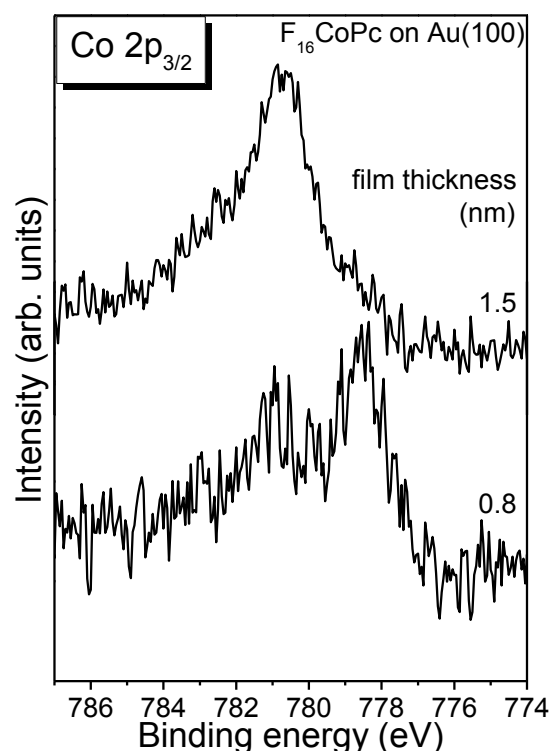
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### Co 2p core-level photoemission spectra



**Figure S1:** CoPcF<sub>16</sub>/Au(100): Co 2p core-level photoemission spectra taken at an excitation energy of 900 eV as a function of the CoPcF<sub>16</sub> film thickness.

Similar to CoPcF<sub>16</sub> on Au foil, the data show an additional feature at low coverage (0.8 nm, 1–2 monolayers), which can be attributed to an interfacial charge transfer from the substrate to the Co ion of CoPc.