Supplementary information

Evolution of local conductance pathways in a single-molecule junction studied by three-dimensional dynamic probe method

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Fig. S1 Schematic diagram showing determination of the adsorption angle. Conformations of a BDT molecule and the YZ and XZ cross sections of the conductance map. $\varphi$ represents the angle between the molecule and the substrate considering the direction of the molecule. Since the direction of the molecule is different from the $X$- and $Y$-axes in general, the apparent angle obtained from the YZ cross section is larger than the actual angle, which should be corrected using the relationship between the YZ and XZ cross sections with consideration of the angle of the molecule in the $XY$ plane.