



Figure 7.5. Representative blockade of ionic current caused by a 9-bp DNA hairpin (9bpC dG). Open-channel current was typically 120 pA at 120 mV and 23.0°C, but this could vary by 63 pA. Capture of a DNA hairpin caused a rapid current decrease. In the case of 9-bp hairpins, the residual current transitions between four levels: an upper conductance level (UL), an intermediate level (IL), a lower level (LL) and a transient downward spike (S). Reprinted with permission from [19]. Copyright © 2003, Oxford University Press.