

VIP: Distance-independent DNA Charge Transport across an Adenine Tract

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DNA-mediated charge transport across adenine tracts was monitored using a probe inside the bridge *N*₆-cyclopropyladenine. This trap, incorporated serially across the bridge, could be oxidized by a distal rhodium photooxidant without a significant decrease in the yield over a distance of five nanometers. These results are consistent with complete radical delocalization across the DNA bridge.

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