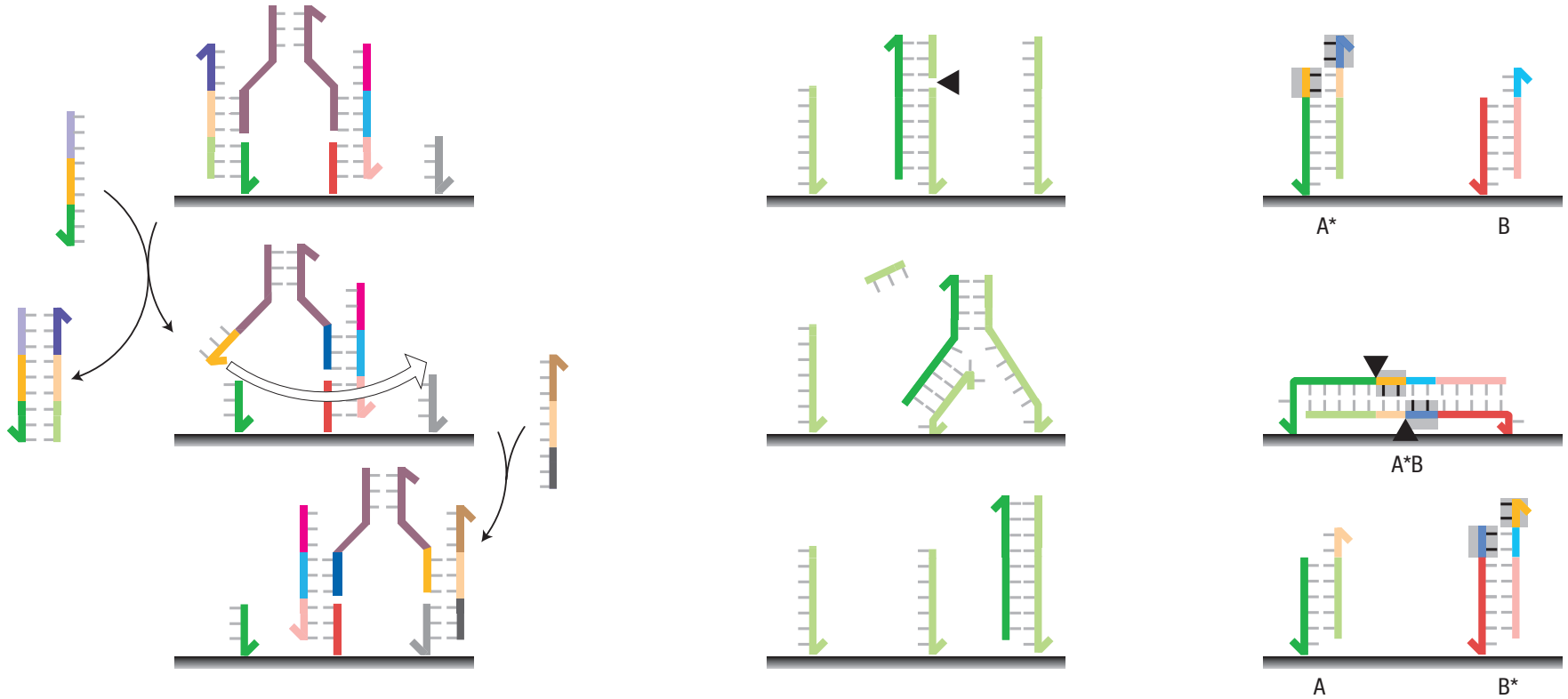


DNA walking machines

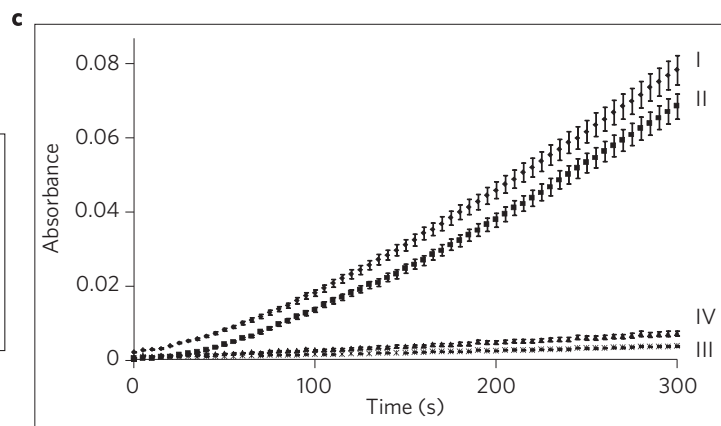
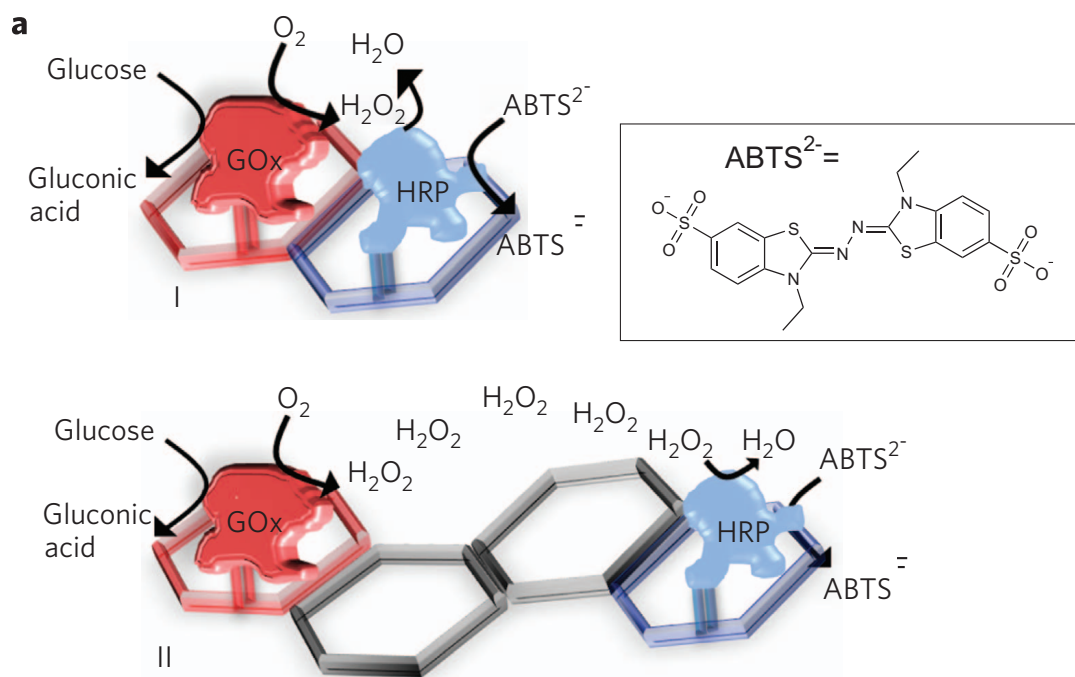


Tuberfield review, Nature Nanotechnology, vol 2, may 2007, p.275

DNA-based multienzyme catalysts

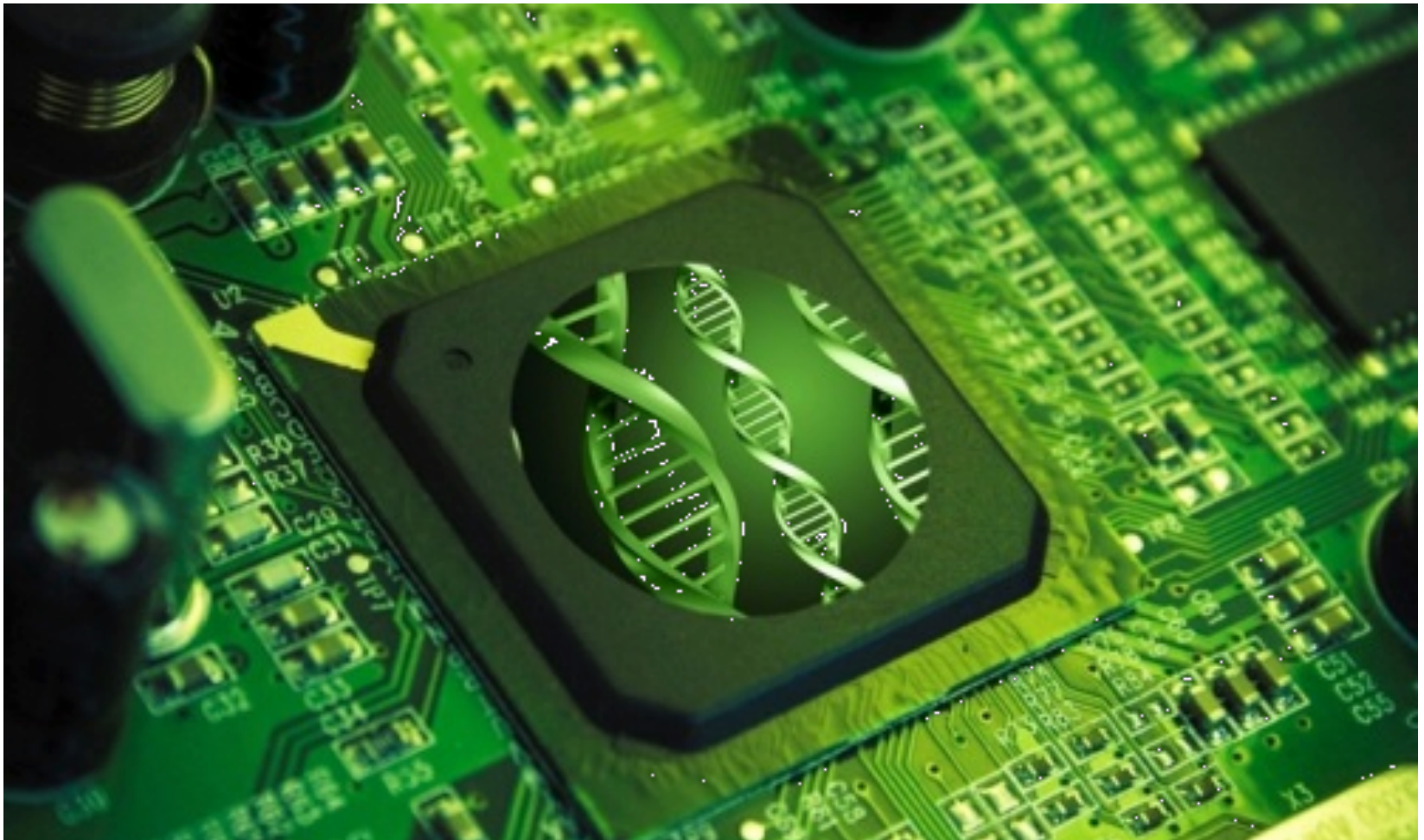
Enzyme cascades activated on topologically programmed DNA scaffolds

Ofer I. Wilner, Yossi Weizmann, Ron Gill, Oleg Lioubashevski, Ronit Freeman and Itamar Willner*



Time-dependent absorbance changes as a result of the oxidation of ABTS²⁻ by the GOx–HRP cascade in the presence of (I) the two-hexagon scaffold, (II) the four-hexagon scaffold, (III) in the absence of any DNA, and (IV) in the presence of foreign calf thymus DNA

DNA and micro-nano(electronics)



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