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PNA Synthesis

Cathy Miller¹¹Creative Peptides

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dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1

Creative Peptides



Cathy Miller

Peptide nucleic acid is one of the more important oligonucleotide mimics. Although PNA has a significant change in structure relative to oligonucleotides, the binding between PNA and complementary nucleic acids still follows the principle of base complementary pairing, it even has higher affinity than natural nucleotides, and has stronger resistance to degradation by nucleases and proteolytic enzymes. Researchers have designed and synthesized PNA with various structures to optimize its biological stability and availability, target binding characteristics, and pharmacokinetic characteristics.

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dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1<https://pna.creative-peptides.com/services/pna-synthesis.html>Cathy Miller 2022. PNA Synthesis. **protocols.io**<https://dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1>

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