



*Research article*

## DNA kinks behavior in the potential pit-trap

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### Appendix. Complete nucleotide sequence of plasmid pPF1

GCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCCAGGGTGGTTTTTCTTTTACCAGTG  
AGACGGGCAACAGCTGATTGCCCTTACCCGCTGGCCCTGAGAGAGTTGCAGCAAGCGTCCACGCTGGTTTTGCCCCAGCA  
GGCGAAAATCCTGTTTGATGGTGGTTTCAGCAAAAAACCCCTCAAGACCCGTTTAGAGGCCCAAGGGTTATGCTAGTTAT  
TGCTCAGCGGTGGCAGCAGCCAACTCAGCTTCCTTTCGGGCTTTGTTAGCAGCCGGATCTCAGTGGTGGTGGTGGTGGTGC  
TCGAGTTACTTGTACAGCTCGTCCATGCCGAGAGTGATCCCAGCGCGGTCACGAACTCCAGCAGGACCATGTGATCGCGC  
TTCTCGTTGGGGTCTTTGCTCAGGGCGGACTGGGTGCTCAGGTAGTGGTTGTCGGGCAGCAGCACGGGGCCGTCGCCGATG  
GGGGTGTCTGCTGGTAGTGGTCGGCGAGCTGCACGCTGCCGTCTCGATGTTGTGGCGGATCTTGAAGTTCACCTTGATG  
CCGTTCTTCTGCTTGTGCGCCATGATATAGACGTTGTGGCTGTTGTAGTTGTAAGTCCAGCTTGTGCCCCAGGATGTTGCCG  
TCCTCCTTGAAGTCGATGCCCTTACGCTCGATGCGGTTACCAGGGTGTGCGCCCTCGAACTTCACCTCGGCGCGGGTCTTG  
TAGTTGCCGTCGTCCTTGAAGAAGATGGTGCCTCCTGGACGTAGCCTTCGGGCATGGCGGACTTGAAGAAGTCGTGCTGC  
TTCATGTGGTGGGGTAGCGGCTGAAGCACTGCACGCCGTAGGTGAGGTCAGGGTGGTACGAGGGTGGGCCAGGGCACGGGCAGC  
TTGCCGGTGGTGCAGATGAACTTCAGGGTCAGCTTGCCGTAGGTGGCATCGCCCTCGCCCTCGCCGACACGCTGAACTTG  
TGGCCGTTTACGTCGCCGTCAGCTCGACCAGGATGGGCACCACCCCGGTGAACAGCTCCTCGCCCTTGCTCACCATAGCT  
ACCTCTTGATAGAACTCTAGCTACTTAATTAGTTAAGATCTTAACTAATTAAGTAGCTAGAGTTCTATCAAGAGGTAGCTA  
TGGTGAGCAAGGGCGAGGAGGATAACATGGCCATCATCAAGGAGTTCATGCGCTTCAAGGTGCACATGGAGGGCTCCGTGA  
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AGGGCGAGATCAAGCAGAGGCTGAAGCTGAAGGACGGCGGCCACTACGACGCTGAGGTCAAGACCACCTACAAGGCCAAGA  
AGCCCCGTGCAGCTGCCCCGGCGCCTACAACGTCAACATCAAGTTGGACATCACCTCCCACAACGAGGACTACACCATCGTGG  
AACAGTACGAACGCGCCGAGGGCCGCGCCACTCCACCGGCGGCATGGACGAGCTGTACAAGTAACTCGAGCACCACCACC  
ACCACTGAGATCCGGCTGCTAACAAAGCCCGAAAGGAAGCTGAGTTGGCTGCTGCCACCGTGAGCAATAACTAGCATAAC  
CCCTTGGGGCCTCTAACCGGGTCTTGAGGGGTTTTTTGCTGAAAGGAGGAACTATATCCGGATTGGCGAATGGGACGCGCC  
CTGTAGCGGGCGCATTAAAGCGCGGGTGTGGTGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCCGC  
TCCTTTTCGCTTTCTTCCCTTCTTCTCGCCACGTTGCGCGGCTTTCCCGTCAAGCTCTAAATCGGGGGCTCCCTTTAGG  
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TAGACGGTTTTTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTTGTTCAAACTGGAACAACACTCAAC  
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AGCGCACGAGGGAGCTTCCAGGGGAAACGCCTGGTATCTTTATAGTCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTC  
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GCCATGCCGGCGATAATGGCCTGCTTCTCGCCGAAACGTTTGGTGGCGGGACCAGTGACGAAGGCTTGAGCGAGGGCGTGC  
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CGGAAGGAGCTGACTGGGTTGAAGGCTTCAAGGGCATCGGTCGAGATCCCAGTGCCTAATGAGTGAGCTAACTTACATTAA  
TTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCA



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