

Full List of Publications

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Last Update: July 2024.

77) Lokanathan Balaji S, De Bragança S, Balaguer-Pérez F, Northall S, Wilkinson OJ, Aicart-Ramos C, Seetaloo N, Sobott F, Moreno-Herrero F, Dillingham MS. *Nucleic Acids Res.* (2024).

<https://doi.org/10.1093/nar/gkae538>

DNA binding and bridging by human CtIP in the healthy and diseased states.

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Conserved structures and dynamics in 5'-proximal regions of Betacoronavirus RNA genomes.

75) De Bragança S, Dillingham MS, Moreno-Herrero F. *Trends in Genetics* (2023).

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74) Coloma J, Gonzalez-Rodriguez N, Balaguer FA, Gmurczyk K, Aicart-Ramos C, Nuero ÓM, Luque-Ortega JR, Calugaru K, Lue NF, Moreno-Herrero F, Llorca O. *Nucleic Acids Res.* (2023).

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APLF and long non-coding RNA NIHCOLE promote stable DNA synapsis in non-homologous end joining

72) Aicart-Ramos* C, Hormeño S, Wilkinson OJ, Dillingham MS, Moreno-Herrero* F. *Methods in Enzymology* (2022).

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Long DNA constructs to study helicases and nucleic acid translocases using optical tweezers

71) Hormeño S, Wilkinson OJ, Aicart-Ramos C, Kuppa S, Antony E, Dillingham MS*, Moreno-Herrero F*. *PNAS* (2022)

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Human HELB is a processive motor protein which catalyses RPA clearance from single-stranded DNA.

70) Unfried JP, Marín-Baquero M, Rivera-Calzada A, Razquin N, Martín-Cuevas EM, de Bragança S, Aicart-Ramos C, McCoy C, Prats-Mari L, Arribas-Bosacoma R, Lee L, Caruso S, Zucman-Rossi J, Sangro B, Williams G, Moreno-Herrero F, Llorca O, Lees-Miller SP and Fortes P. **Cancer Research** (2021)
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Long Noncoding RNA NIHCOLE promotes ligation efficiency of DNA double-strand breaks in hepatocellular carcinoma.

69) Balaguer FA, Aicart-Ramos C, Fisher GL, de Bragança S, Martín-Cuevas EM, Pastrana CL, Dillingham MS*, Moreno-Herrero F*. **Elife** (2021)
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Dynamics of DNA nicking and unwinding by the RepC-PcrA complex
- 59) Marin-Gonzalez A, Vilhena JG, Moreno-Herrero* F and Perez* R. **Nanoscale** (2019).
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- 58) Madariaga-Marcos J, Pastrana CL, Fisher GLM, Dillingham MS and Moreno-Herrero* F. **eLife** (2019).
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