Published on *BSC-CNS* (https://www.bsc.es)

ParmBSC0: New force-field for molecular dynamics simulations of nucleic acids

The Life Science Program (MMB-group) distributed the parmBSC0 force-field for simulation of nucleic acids. The force-field, an evolution of AMBER-parm99 was derived from high level QM data and was tested on near 1 µsec of MD simulations. We found a high performance in this force-field, which was able to derive reliable trajectories in long simulation times.

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Source URL (retrieved on *20 mai 2024 - 22:50*): https://www.bsc.es/ca/news/bsc-news/parmbsc0-new-force-field-molecular-dynamics-simulations-nucleic-acids