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The mechanical genome : inquiries into the mechanical function of genetic information

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MARCO TOMPITAK

THE MECHANICAL GENOME

THE MECHANICAL GENOME

INQUIRIES INTO THE MECHANICAL FUNCTION OF GENETIC
INFORMATION

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To my mom

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ACRONYMS

RBP	Rigid Base Pair
WLC	Worm-Like Chain
MCMC	Markov Chain Monte Carlo
MMC	Mutation Monte Carlo
SELEX	Systematic Evolution of Ligands by EXponential enrichment
NDR	Nucleosome-Depleted Region
NAR	Nucleosome-Attracting Region
TSS	Transcription Start Site