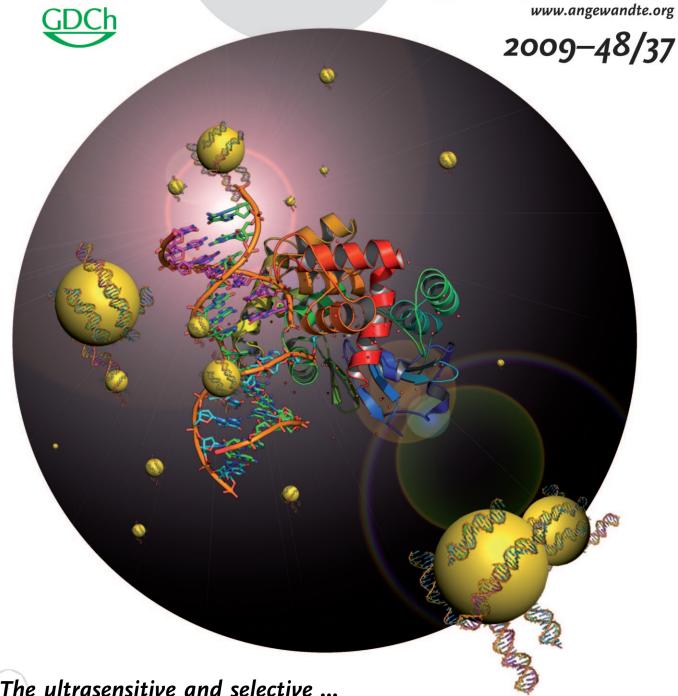
Angelvand Chemiker Angelvand Chemiker International Edition Algumal of the Gesellschaft Deutscher Chemiker Chemi



... colorimetric detection of DNA sequences is reported by X. Liu and co-workers in their Communication on page 6849 ff. The novel and versatile approach is based on a combination of an endonuclease nicking reaction and nanoparticle amplification. The approach can be utilized to detect ultralong (e.g., 80-mer) oligonucleotides with single base mismatch selectivity and a 1000-fold improvement in amplification, without complex procedures involving expensive instrumentation.



Inside Cover

Wei Xu, Xuejia Xue, Tianhu Li, Huaqiang Zeng, and Xiaogang Liu*

The ultrasensitive and selective colorimetric detection of DNA sequences is reported by X. Liu and co-workers in their Communication on page 6849 ff. The novel and versatile approach is based on a combination of an endonuclease nicking reaction and nanoparticle amplification. The approach can be utilized to detect ultralong (e.g., 80-mer) oligonucleotides with single base mismatch selectivity and a 1000-fold improvement in amplification, without complex procedures involving expensive instrumentation.

