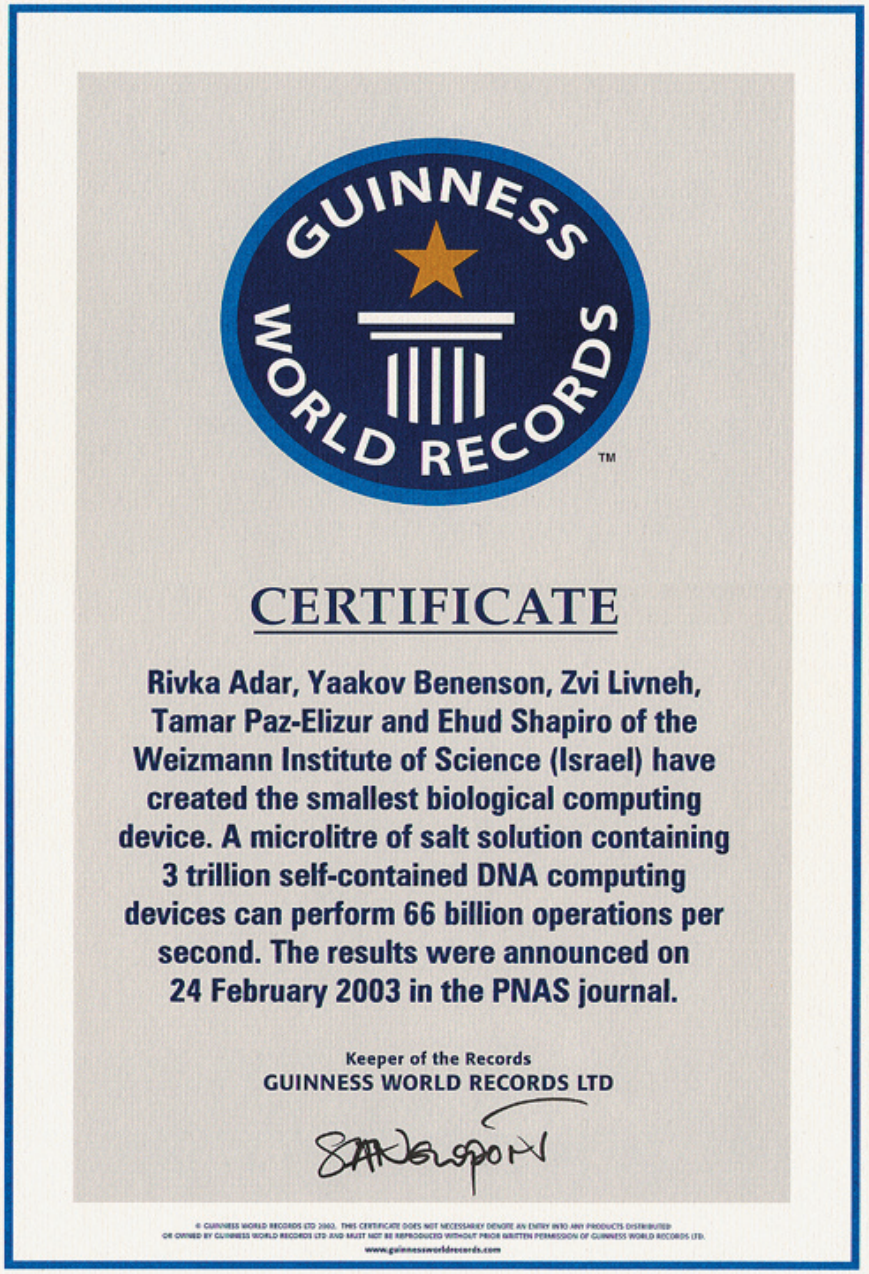
Clockwise: Prof. Ehud Shapiro, Prof. Zvi Livneh,
Dr. Tamar Paz-Elizur, Yaakov Benenson and Dr. Rivka Adar
holding the Guinness World Record certificate



GUINNESS WORLD RECORDS™

CERTIFICATE

Rivka Adar, Yaakov Benenson, Zvi Livneh, Tamar Paz-Elizur and Ehud Shapiro of the Weizmann Institute of Science (Israel) have created the smallest biological computing device. A microlitre of salt solution containing 3 trillion self-contained DNA computing devices can perform 66 billion operations per second. The results were announced on 24 February 2003 in the PNAS journal.

Keeper of the Records
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