

Life Technologies Corp
Form S-8 POS
February 23, 2010

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DEREGISTRATION OF SHARES

Effective as of February 1, 2010, Life Technologies Corporation (the Company) terminated the Life Technologies Corporation Amended and Restated 1999 Employee Stock Purchase Plan (the ESPP). The ESPP was previously maintained by Applera Corporation/Applied Biosystems Group (with shares registered on Forms S-8, Nos. 333-102063, filed December 20, 2002; and 333-120084, filed October 29, 2004), which the Company assumed in the merger transaction with Applera Corporation/Applied Biosystems Group that was completed on November 21, 2008. This Post-Effective Amendment No. 1 to the Company s registration statement on Form S-8 (No. 333-155809, filed December 2, 2008) is filed to deregister any shares previously registered under the ESPP that remain unsold at the termination of the offering. Please note, however, that shares remain subject to outstanding awards previously granted under the ESPP and consequently, the registration statement will remain in effect to cover the potential exercise or issuance of shares with respect to outstanding awards under the ESPP.

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Pursuant to the requirements of the Securities Act of 1933, as amended, the Company certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 1 to the registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Carlsbad, State of California, on February 23, 2010.

LIFE TECHNOLOGIES CORPORATION

By: /s/ John A. Cottingham
John A. Cottingham
Chief Legal Officer and Secretary