

Life Technologies and febit Team to Offer New Solution for Targeted Re-sequencing in Large-scale Genomic Studies

febit's HybSelect™ technology for sequence capture combined with Applied Biosystems' SOLiD™ System enable automated, high sample throughput next generation sequencing

CARLSBAD, CA. (USA), and HEIDELBERG, Germany, September 28, 2009 – [febit holding GmbH](#) and [Life Technologies Corporation](#) (NASDAQ: LIFE) today announced that they have entered into a strategic co-marketing agreement to provide a new, scalable solution for researchers conducting targeted re-sequencing studies. In addition, febit will expand its Genomic Services Facility at Heidelberg by adding several Applied Biosystems SOLiD™ high-throughput sequencing systems and real-time PCR systems. Applied Biosystems is a brand of Life Technologies. As part of the agreement, febit is a member of both the SOLiD System and TaqMan Service Provider Programs. These programs are intended to provide the scientific community with broad access to a comprehensive solution for genomic research using next-generation sequencing.

“We are very excited about the opportunity to combine HybSelect with the SOLiD System,” said Peer Staehler, chief scientific officer of febit. “Our next generation sequencing facility will take the lead in targeted sequencing of more than 1,000 samples per week. Our unique strength is the capability to go from tailor-made target sequence capture to sequencing results in days, both for customers and our own internal development programs.”

“The SOLiD System has greatly reduced the time, cost and effort to perform genetic variation studies,” said Shaf Yousaf, president of genomics analysis, Life Technologies. “The joint effort between Life Technologies and febit will close a gap for highly efficient and accurate re-sequencing of genomic loci that are possibly correlated with disease.”

The febit facility aims to process more than 1,000 samples per week once fully operational. Similar facilities are envisioned to be installed at dedicated customer labs to meet the demand for high sample throughput.

The febit HybSelect™ Sequence Capture solution combines the advantages of microarray-based enrichment with patent protected microfluidic technology and runs on dedicated, highly automated instruments. Eight segregated arrays within a single microfluidic biochip allow for parallel, hands-off processing of samples.

Large scale studies to identify SNPs, mutations and new biomarkers can be conducted now with many patient samples to receive statistically relevant data. This will lead to a better understanding of the development, progression and prognosis of complex diseases like cancer, Alzheimer's disease, multiple sclerosis, infections and many others, ultimately resulting in new therapies and diagnostics. Among the key applications of the combined system are the cancer

exome, disease-related loci with high relevance for healthcare and drug development purposes and areas identified through genome-wide association studies.

About febit

febit develops, produces and markets flexible automated solutions for enabling biochip applications in Life Sciences. febit's product portfolio includes various instruments, optimized assays and genomic services, complemented by bioinformatics software and consulting.

For its main applications – HybSelect, febit's innovative DNA capture method for Next-Generation-Sequencing and transcriptome profiling, especially miRNA Biomarkers – the highly advanced microfluidics of the patented Geniom Biochip offers the highest degree of automation, flexibility and efficiency available.

For more information, please visit www.febit.com.

About Life Technologies

Life Technologies Corporation (NASDAQ: LIFE) is a global biotechnology tools company dedicated to improving the human condition. Our systems, consumables and services enable researchers to accelerate scientific exploration, driving to discoveries and developments that make life even better. Life Technologies customers do their work across the biological spectrum, working to advance personalized medicine, regenerative science, molecular diagnostics, agricultural and environmental research, and 21st century forensics. Life Technologies had sales of more than \$3 billion in 2008, employs approximately 9,500 people, has a presence in more than 100 countries, and possesses a rapidly growing intellectual property estate of approximately 3,600 patents and exclusive licenses. Life Technologies was created by the combination of Invitrogen Corporation and Applied Biosystems Inc. For more information on how we are making a difference please visit our website: www.lifetechnologies.com.

Life Technologies' Safe Harbor Statement

This press release includes forward-looking statements about Life Technologies' anticipated results that involve risks and uncertainties. Some of the information contained in this press release, including, but not limited to, statements as to industry trends and Life Technologies' plans, objectives, expectations and strategy for its business, contains forward-looking statements that are subject to risks and uncertainties that could cause actual results or events to differ materially from those expressed or implied by such forward-looking statements. Any statements that are not statements of historical fact are forward-looking statements. When used, the words "believe," "plan," "intend," "anticipate," "target," "estimate," "expect" and the like, and/or future tense or conditional constructions ("will," "may," "could," "should," etc.), or similar expressions, identify certain of these forward-looking statements. Important factors which could cause actual results to differ materially from those in the forward-looking statements are detailed in filings made by Life Technologies with the Securities and Exchange Commission. Life



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Technologies undertakes no obligation to update or revise any such forward-looking statements to reflect subsequent events or circumstances.

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