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Kenji Tsuge

Kenji Tsuge is a Japanese synthetic biologist famous for large-sized DNA manipulation using *Bacillus subtilis*. He is one of the authors of the first report of the construction of a hybrid genome of two bacteria using *B. subtilis*. Moreover, he is the inventor of the OGAB method that can assemble multiple DNA fragments very efficiently using *B. subtilis*.

He received a Bachelor of Engineering from Saitama University, Japan, in 1993, and Master of Engineering and Ph.D. degrees from Tokyo Institute of Technology, Japan in 1995 and 1998, respectively. During his research career, he has been studying the genetic manipulation of *B. subtilis*, and invented several types of DNA manipulation methods that make it possible to construct large-sized DNA. His current research interests include how to design functional genomes from gene scratches, and how to construct large-sized genomic DNA of animals. He is now developing a laboratory automation system for high-throughput construction of large-sized DNA.