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Education

2014.02-2017.08	Ph. D	Dankook University
2012.03-2014.02	M.S.	Dankook University
2005.03-2012.02	B.S.	Dankook University

Publications

- Ahn. YJ, K. Markkandan, IP. Beak, S. Mun, W. Lee, HS Kim, and K. Han. Comparison and validation of variants from whole-exome and whole-genome sequencing platforms in 10 Korean individuals. *Genes & Genomics*. 2018 40(1):39-47
- Mun, S., YJ. Kim, K. Markkandan, W. Shin, S. Oh, J. Woo, J. Yoo, H. An, and K. Han. The Whole-Genome and Transcriptome of the Manila Clam (*Ruditapes philippinarum*). *Genome Biology and Evolution*. 2017 9 (6): 1487-1498. IF: 3.979
- Lee. J, S. Mun, DH. Kim, CS. Cho, DY. Oh, and K. Han. Chicken (*Gallus gallus*) endogenous retrovirus generates genomic variations in the chicken genome. *Mobile DNA*. 2017 8:2. IF: 4.234
- Oh. D, B. Son, S. Mun, MH. Oh, S. Oh3, J. Ha, J. Yi1, S. Lee, and K. Han. Whole Genome Re-sequencing of Three Domesticated Chicken Breeds. *Zoological Science*. 2016 33 (1):73-77.
- Ha. J, W. Lee, S. Mun, YJ. Kim, and K. Han. Identification of transposable element-mediated deletions in 27 Korean individuals based on whole genome sequencing data. *Genes & Genomics*. 2016 38: 179-192.
- J. Lee, J. Ha, Y. Park, J. Yi, S. Lee, S. Mun, K. Han, J.J. Kim, HJ. Kim, and Oh. D. Relationship between Single Nucleotide Polymorphisms in the PPAR γ Gene and Fatty Acid Composition in Korean Native Cattle. *Asian Australasian Journal of Animal Sciences*. 2016 29(2): 184–194.
- Lee. W., S. Mun, K. Kang, L. Hennighausen, and K. Han. Genome-wide target site triplication of Alu elements in the human genome. *Gene*. 2015 561 (2): 283-291.
- Lee, J., YJ. Kim, S. Mun, HS. Kim, K. Han. Identification of human-specific AluS elements through comparative genomics. *Gene*. 2015 555 (2): 208-216.
- Mun, S., J. Lee, YJ. Kim, HS. Kim and K. Han. Chimpanzee-Specific Endogenous Retrovirus Generates Genomic Variations in the Chimpanzee Genome. *PLoS ONE*. 2014 9 (7): e101195.
- Mun, S., J. Lee, S. Lee, K. Han and TY. Ahn. Phylogeny based on a multilocus sequencing analysis of *Flavobacterium* sp. Isolated from freshwater. *Genomics & Informatics*. 2013 11 (4): 272–276.
- Lee J., S. Mun, T. J. Meyer, and K. Han. (2012) High Levels of Sequence Diversity in the 5' UTRs of Human-specific L1 Elements. *Comparative and Functional Genomics*. 2012 (129416): 8-15