Sanguk Kim, Ph.D.

Position: Professor
Department: Life Sciences
Affiliation: POSTECH
Office: 82-54-2792348
E-mail: sukim@postech.ac.kr
Homepage: sbi.postech.ac.kr

Education

1998.09.01-2002.08.30	Ph.D.	Institute of Molecular Biophysics, Florida State University, USA
1994.09.01-1996.08.30	M.S	Dept. Genetic Engineering, Korea University

Professional Experience

2005.03.01-present	Professor	Life Sciences, POSTECH, Korea
2002.09.01-2005.02.28	Postdoctoral Fellow	Institute of Genomics and Proteomics, UCLA

Publications

Ha D, Kim D, Kim I, Oh Y, Kong J, Han SK, Kim S. Evolutionary rewiring of regulatory networks contributes to phenotypic differences between human and mouse orthologous genes. Nucleic Acids Res. 2022 Feb 28;50(4):1849-1863

Kong J, Lee H, Kim D, Han SK, Ha D, Shin K, Kim S. Network-based machine learning in colorectal and bladder organoid models predicts anti-cancer drug efficacy in patients. Nat Commun. 2020 Oct 30;11(1):5485.

Kim D, Han SK, Lee K, Kim I, Kong J, Kim S. Evolutionary coupling analysis identifies the impact of disease-associated variants at less-conserved sites Nucleic Acids Res. 2019 19;47(16

Han SK, Kim D, Lee H, Kim I, Kim S. Divergence of noncoding regulatory elements explains gene-phenotype differences between human and mouse orthologous genes Molecular Biology and Evolution. 2018 Jul 1;35(7): 1653-1667.