SUPPLEMENTARY MATERIAL

Effect of Next-Generation Exome Sequencing Depth for Discovery of Diagnostic Variants

KKyung Kim^{1,2,3†}, Moon-Woo Seong4[†], Won-Hyong Chung³, Sung Sup Park⁴, Sangseob Leem¹, Won Park^{5,6}, Jihyun Kim^{1,2}, KiYoung Lee^{1,2*†}, Rae Woong Park^{1,2*} and Namshin Kim^{5,6**}

¹Department of Biomedical Informatics, Ajou University School of Medicine, Suwon 443-749, Korea ²Department of Biomedical Science, Graduate School, Ajou University, Suwon 443-749, Korea, ³Korean Bioinformation Center, Korea Research Institute of Bioscience and Biotechnology, Daejeon 305-806, Korea, ⁴Department of Laboratory Medicine, Seoul National University Hospital College of Medicine, Seoul 110-799, Korea, ⁵Department of Functional Genomics, Korea University of Science and Technology, Daejeon 305-806, Korea, ⁶Epigenomics Research Center, Genome Institute, Korea Research Institute of Bioscience and Biotechnology, Daejeon 305-806, Korea

http//www.genominfo.org/src/sm/gni-13-31-s001.pdf

Figure S1.



Supplementary Fig. 1. Numbers of called functional indels of human genes according to mapped depths. Numbers of indels in coding (blue) and total (red) regions according to average mapped depths per sample (denoted by different shapes) are depicted: dashed lines are trend lines of means, and error ranges are represented. Solid lines in the inner chart represents how numbers of indels are significantly different from each own preceding.