



Supplementary Fig. 1. Outline of the IT-based automatic analysis and reporting system. After selecting the data generated by the NGS equipment, the data are uploaded to the analysis server, the panel type is selected, and an automatic analysis is performed. Variation filtering using annotation information is performed, a preliminary clinical report is written, and a final report is issued after confirming the patient, test information, and the type and importance of the detected mutation.

Abbreviations: IT, information technology; NGS, next-generation sequencing.