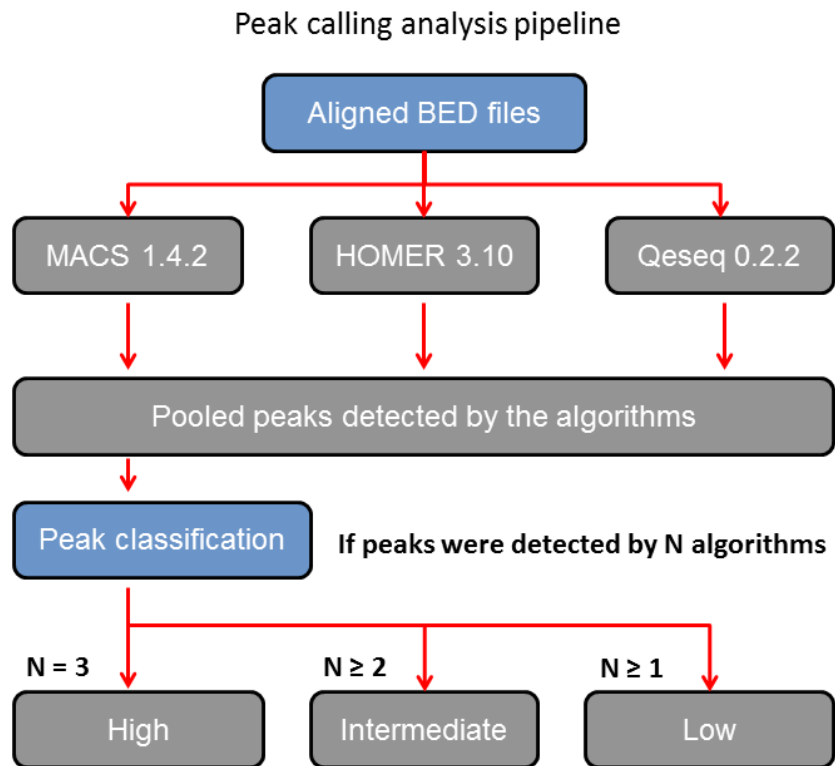




Additional file 1. Peak-calling analysis pipeline used in this study. To achieve robustness of peak detection, we used three peak-calling algorithms called MACS, HOMER and Qeseq. This approach classified peaks into three categories (high, intermediate and low). The high-confidence peaks were defined as the peaks which were detected by all three algorithms, whereas the intermediate- or low-confidence peaks were the peaks identified by either any two or one program(s). This pipeline is to become an essential step since various peak-calling programs have the pros and cons of detecting peaks towards different data sets.