



**Supplemental Fig. S1.** A flowchart illustrating the inclusion and exclusion criteria in this study. Among patients diagnosed with childhood-onset growth hormone deficiency (CO-GHD) between 1994 and 2019 in six academic centers in Korea, 187 patients (99 boys and 88 girls) subsequently diagnosed with adult GHD and treated with recombinant human growth hormone (GH) for >1 year were included. The patients who were not diagnosed with GHD at retest and those with adult GHD who were treated for <1 year were excluded from this study.