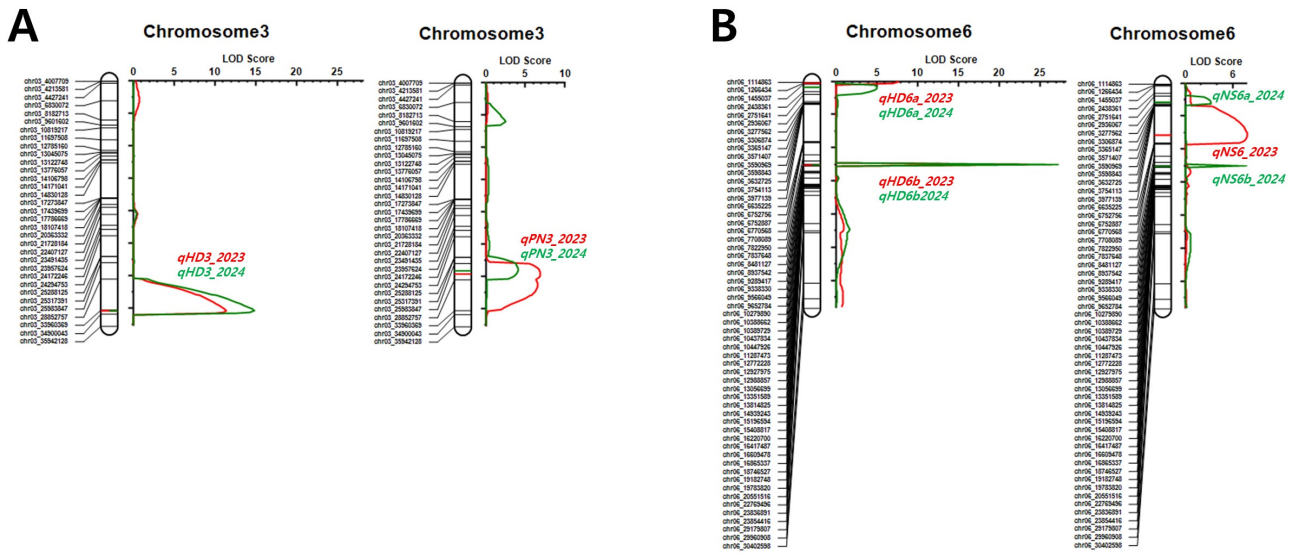




Supplementary Fig. 2. Genetic map showing the LOD scores and locations of QTLs associated with yield-related traits in the population of 89 RILs derived from a cross between 'Koshihikari' and 'IS592BB' across two years. A: QTLs detected on chromosome 3, B: QTLs detected on chromosome 6. HD: heading date, PN: number of panicles per hill, NS: number of spikelets per panicle. The red and green curves represent LOD scores for the year 2023 and 2024, respectively. The red and green horizontal lines and symbols indicate the positions and names of QTLs for the years 2023 and 2024, respectively.