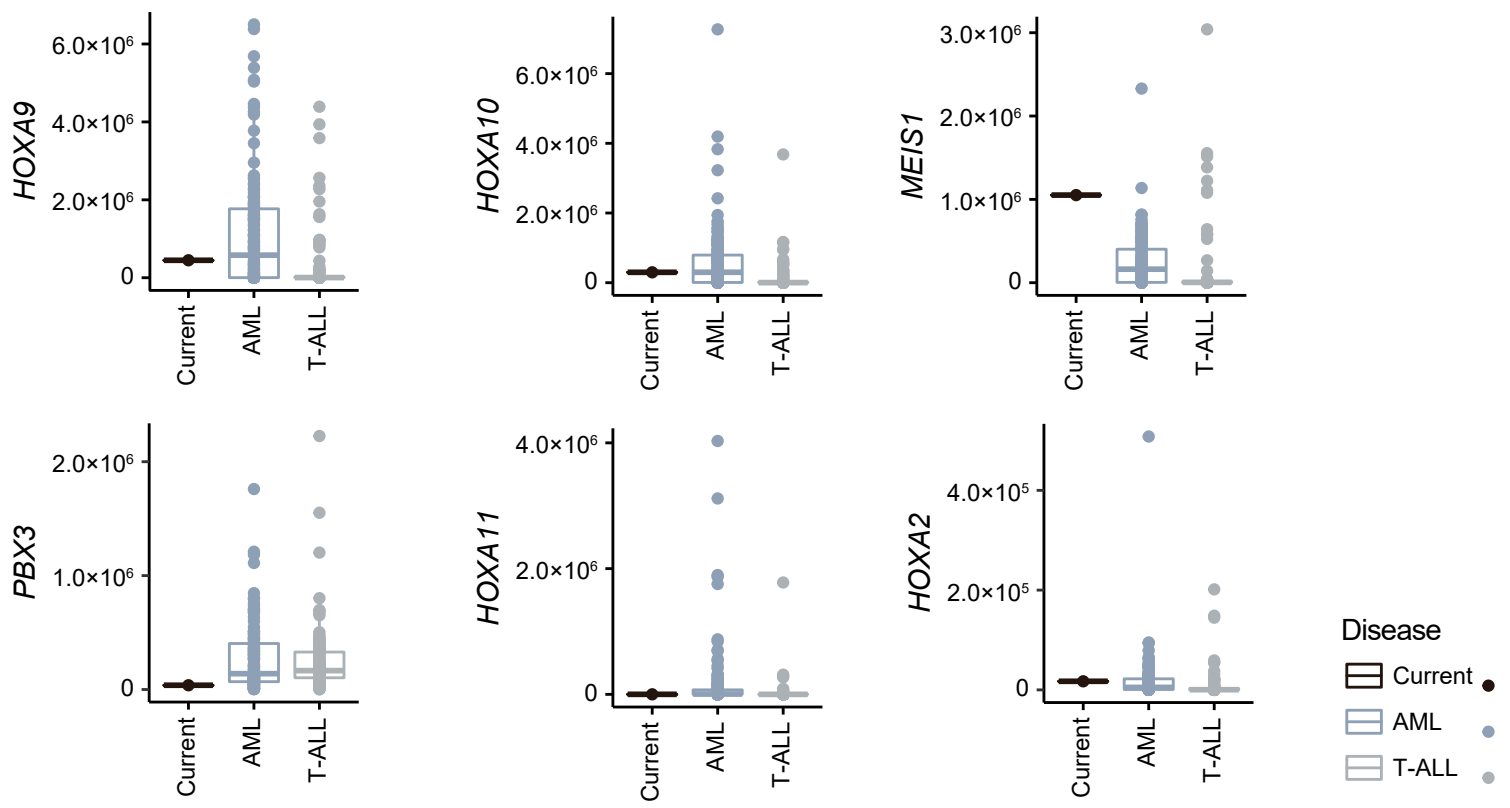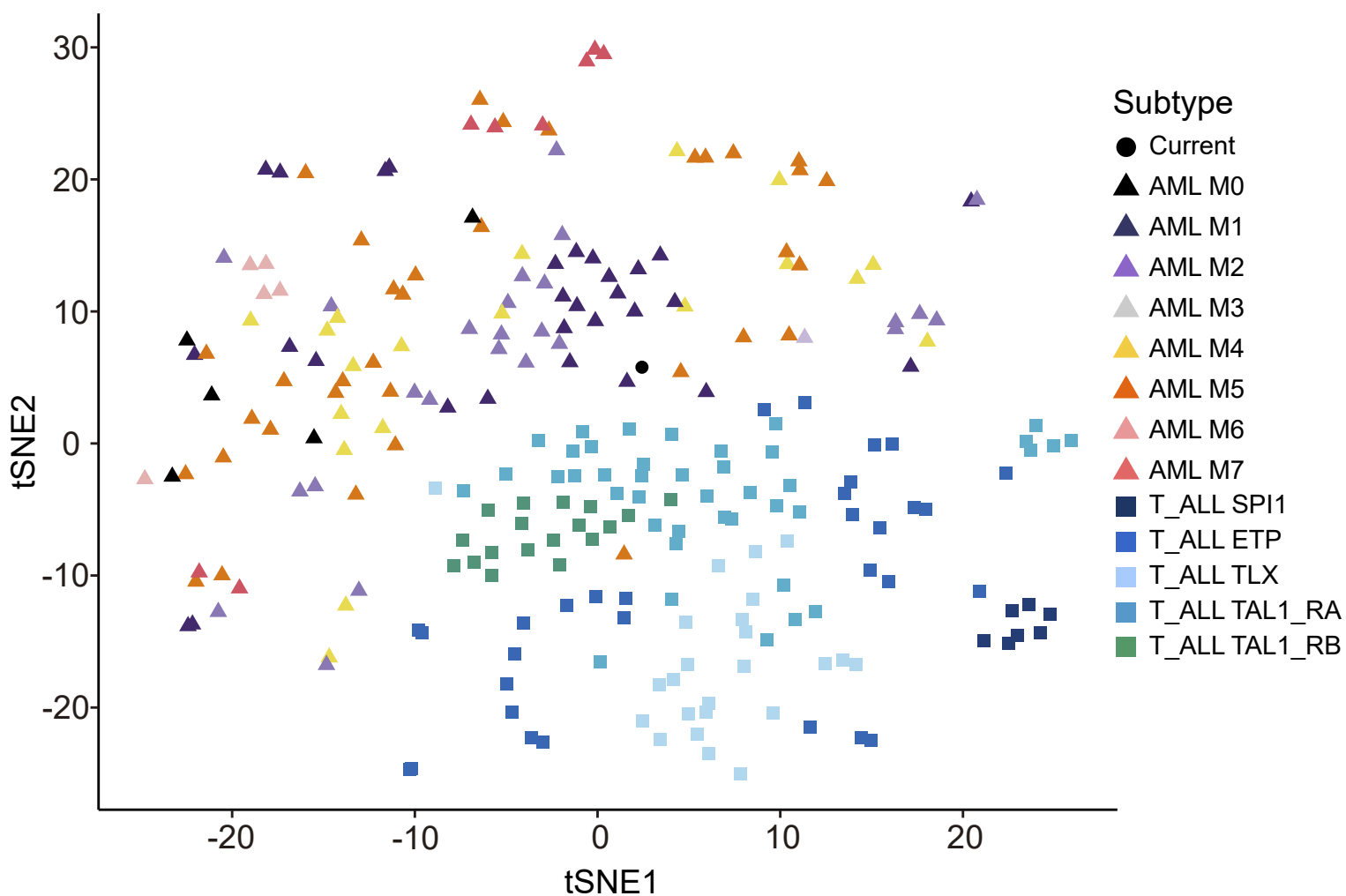# Supplemental Figure 1

Supplemental Figure S1. *HOXA9*-related gene expression level in the current sample. The representative expression levels of the *HOXA9* group of genes, including *HOXA2, HOXA9, HOA10, HOXA11, MEIS1* and *PBX3*, in the current sample are shown.
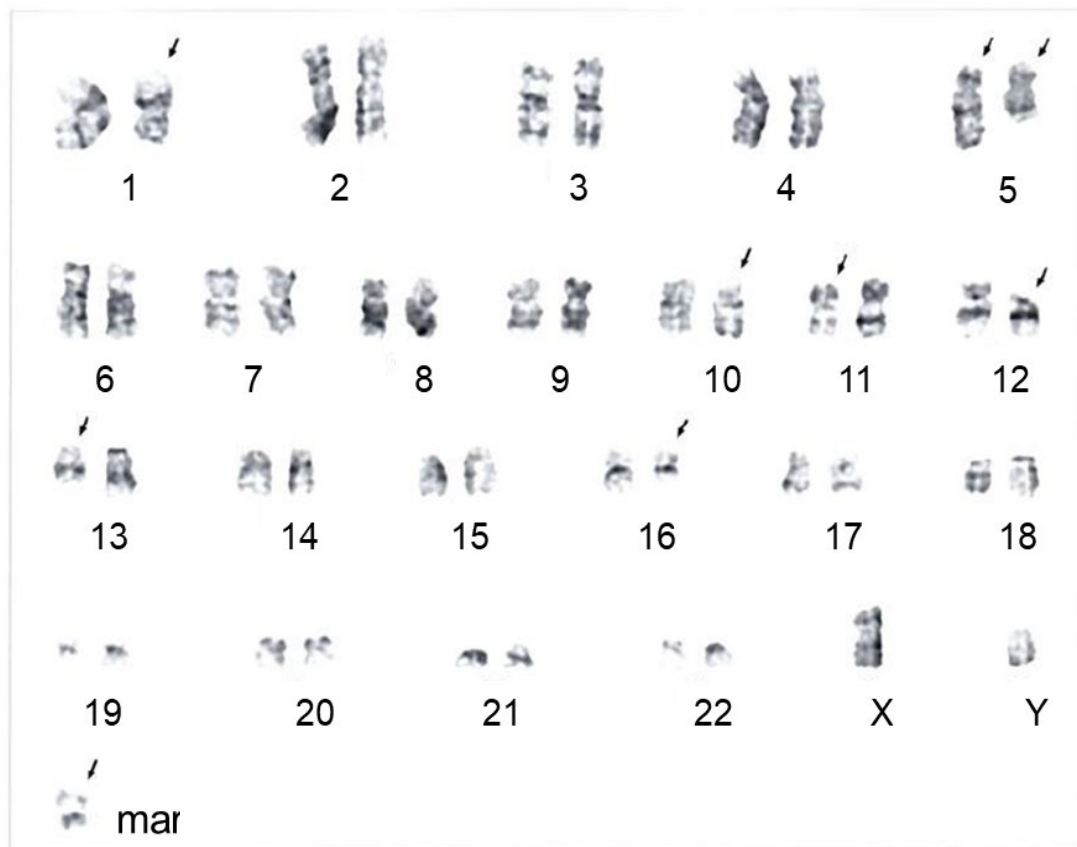
Supplemental Figure 2

Supplemental Figure S2. Visualization using t-Distributed Stochastic Neighbor Embedding. Visualization using t-Distributed Stochastic Neighbor Embedding showed that the current sample was classified into AML group, not in T-ALL, and AML FAB M0 samples indicated heterogeneous gene expression profile signatures.

Supplemental Figure S3

Supplemental Figure S3. G-banded karyotype of AML of the patient.