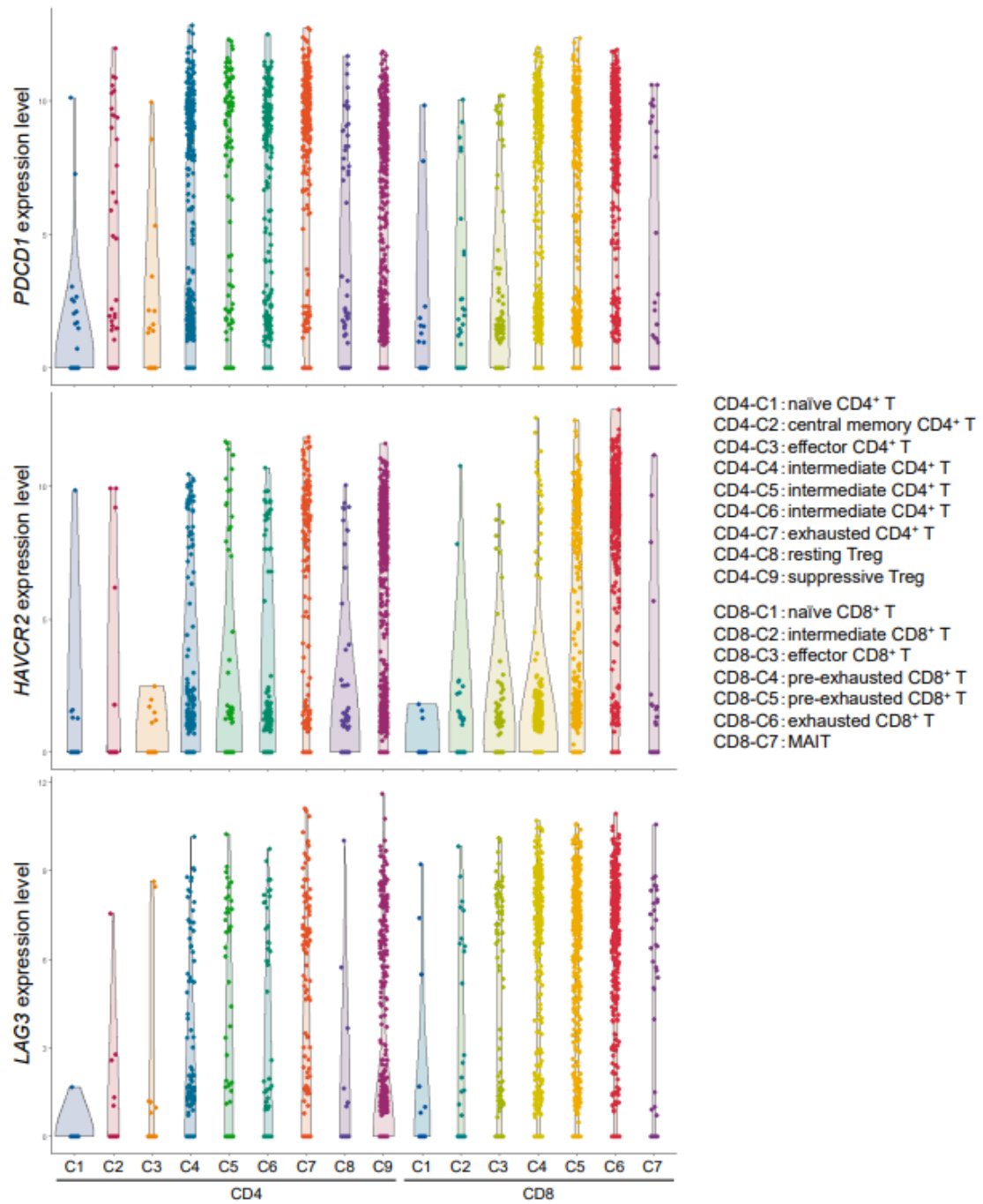


**Figure S1. Difference in *drebrin1* expression among NSCLC patients.** (A) Comparison of *drebrin1* expression between CD4<sup>+</sup> and CD8<sup>+</sup> T cells from tumor. Each dot represents one cell. (B) Comparison of *drebrin1* expression among CD4<sup>+</sup> T cells of different tissue samples. Each dot represents one cell. NSCLC, non-small cell lung cancer.



**Figure S2. Expression of exhaustion-associated molecules.** Expression of *PDCD1*, *HAVCR2*, and *LAG3* in each cluster was illustrated in violin plots. Each dot represents one cell. Definition of each cluster is indicated at the right panel; intermediate cells represent cells bridging naïve, effector, and exhausted clusters. MAIT, mucosal associated invariant T cells.