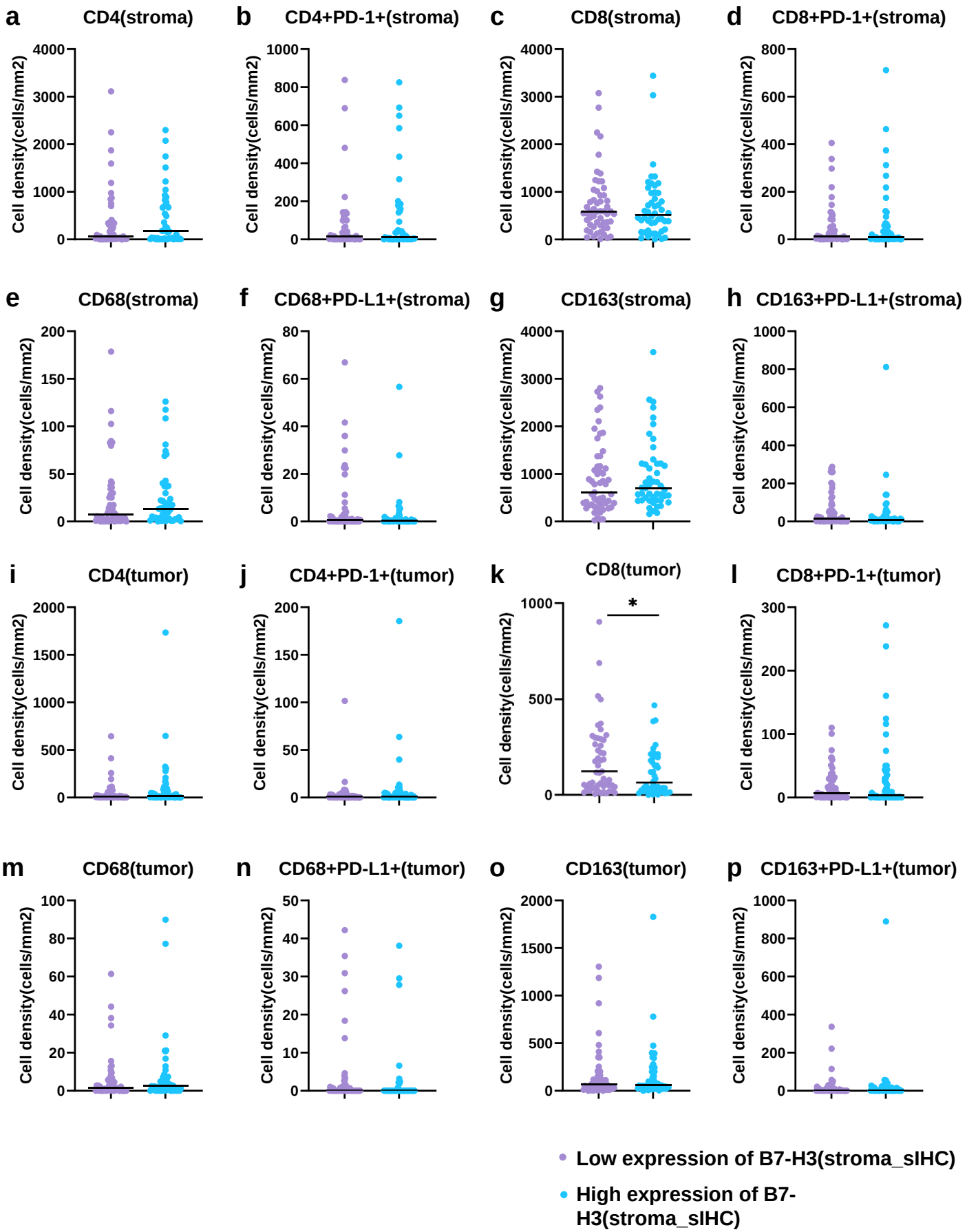Supplementary Figure S1 Asakawa et al.