

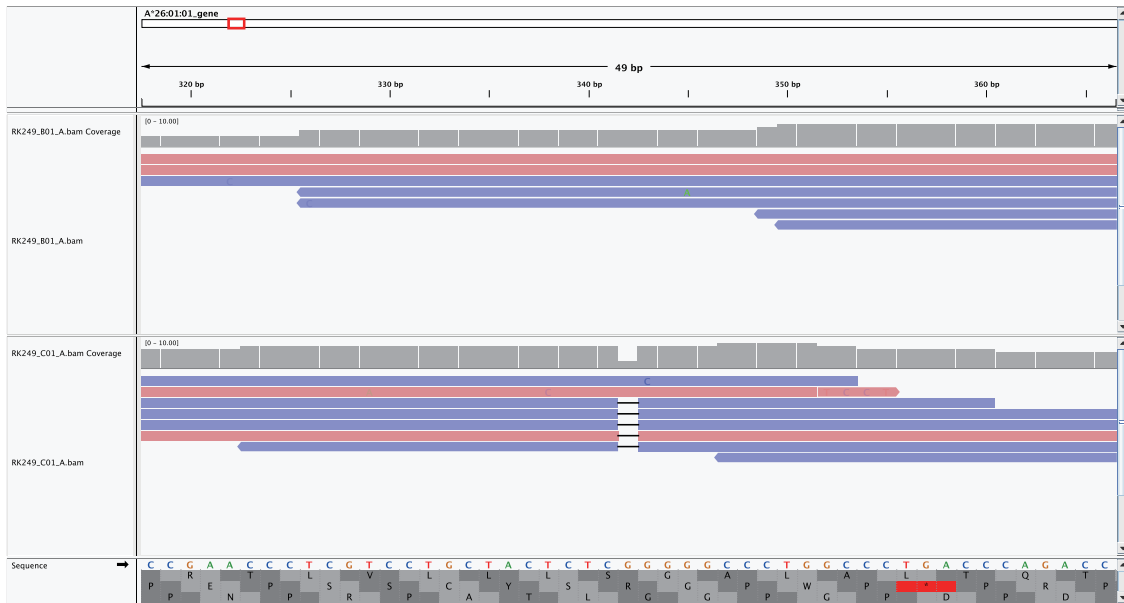
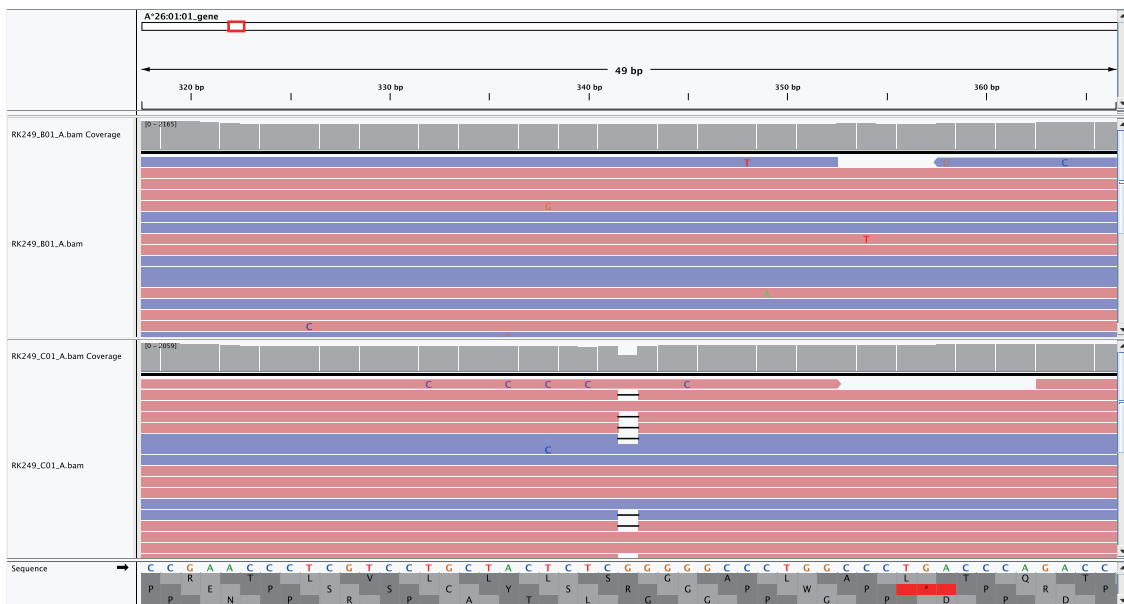
a**b**

Figure S1: A single-base deletion in exon 1 of the HLA-A gene of patient RK249. IGV screenshots were taken at the position for the WGS data (upper) and the TruSight HLA Sequencing Panel data (lower). In each of the screenshots, the upper and lower tracks correspond to the normal and tumor samples, respectively.

a**b**

Figure S2: A single-base insertion in exon 4 of the HLA-A gene of patient RK363. IGV screenshots were taken at the position for the WGS data (upper) and the TruSight HLA Sequencing Panel data (lower). In each of the screenshots, the upper and lower tracks correspond to the normal and tumor samples, respectively.