**Suppl 4.** Microsatellite instability (MSI) is a genetic change observed in the DNA of malignant tumor cells that reflects an abnormality in the mismatch repair system. Cases wherein MSI high (MSI-H) is confirmed by MSI testing are believed to have a high possibility of developing Lynch syndrome, a hereditary malignant tumor. Solid cancers with MSI-H have a defect in the DNA mismatch repair function; therefore, errors in the base sequence cannot be repaired. Consequently, genetic mutations accumulate within cancer cells; therefore, several genetic mutations exist. ICIs are effective against solid cancers with MSI-H. In other words, the MSI test is a companion test to pembrolizumab.