**The methods in assessing microsatellite instability (MSI) and mismatch repair (MMR) status**

MSI/MMR status was assessed by three platforms as follows.

1. Immunohistochemistry: MLH1, MSH2, MSH6 and PMS2 proteins

* Positive staining of all four MMR proteins = MMR proficient (pMMR)
* Negative staining for at least one MMR protein = MMR deficient (dMMR)

2. Fragment analysis

* Positive = MSI high (MSI-H)
* Negative = microsatellite stable (MSS)

3. Next-generation sequencing

* Positive = MSI-H
* Negative = MSS

Results are prioritized based on the numbering above for any discordance between platforms for reported MSI/MMR status.