Figure S2. *MLH1* promoter methylation analysis by Methylation-Specific Melting Curve Analysis (MS-MCA). **A)** Analytical sensitivity of the promoter C region. The assay displays a sensitivity threshold of 1%. **B)** Analytical sensitivity of the promoter D region. The assay shows sensitivity around 10%. **C)** Methylation analysis in blood from 10 healthy controls for the *MLH1* C-region. All of them show the same melting curve pattern as the unmethylated control sample, indicating absence of methylation in healthy controls. **D)** Methylation analysis in blood from 18 patients harboring *MLH1* methylated tumors for the promoter C region. Only case 29 displays low levels of methylation (around 1%). **E)** Methylation analysis in tumor and normal gastrointestinal tissues of case 29. **F)** Methylation analysis in buccal mucosa of case 29. **G)** Methylation analysis in skin fibroblasts of case 29.