**Supplementary Table 1.** Clinical information on patients’ primary cancers

| Sample ID | Age (yr) | Sex | Diagnosis                                | Pathology         |
|-----------|----------|-----|------------------------------------------|-------------------|
| CRC-1     | 81       | Male| Colorectal cancer                        | Adenocarcinoma    |
| CRC-2     | 49       | Male| Colorectal cancer, lung metastasis       | Adenocarcinoma    |
| CRC-3     | 66       | Male| Colorectal cancer, lung metastasis       | Adenocarcinoma    |

**Supplementary Table 2.** Detailed information on the primer/probe mix used for digital PCR

| Assay ID    | Gene | AA change | Nucleotide change | Wild-type allele | Mutant-type allele |
|-------------|------|-----------|-------------------|------------------|-------------------|
| AHX1HY      | KRAS | G12V      | c.35G>T           | C                | A                 |
| AH0JEUD     | KRAS | G12C      | c.34G>T           | G                | T                 |
| AHD2BW0     | KRAS | G13D      | c.38G>A           | C                | T                 |

AA, amino acid; PCR, polymerase chain reaction.