

Table S1. Details and detection results of 6 patients by using stool as starting material.

| Patient No. | Age | Dukes' stage | Mutation detection | CRC-related gene expression analysis |
|-------------|-----|--------------|--------------------|--------------------------------------|
| 1 | 48 | D | positive | ↑ |
| 2 | 60 | B | negative | ↑ |
| 3 | 54 | B | positive | ↑ |
| 4 | 45 | B | negative | ↓ |
| 5 | 68 | C | positive | ↑ |
| 6 | 58 | A | negative | ↑ |

“↑” represents “the patient with a high expression of CRC-related genes”.

“↓” represents “the patient with a low expression of CRC-related genes”.