Table 1. TRAF4 protein expression in colon cancer tissue and adjacent tissue.

| Tissue | Number of Cases | TRAF4 | p-value |
|--------|-----------------|-------|---------|
|        |                 |       |         |
| Adjacent | 92              | 88, 4 | 0.000   |
| Tumor   | 92              | 33, 59|         |

Chi-square test.

p<0.05 indicates a significant association among the variables.
Table 2. p-Chk1 protein expression in colon cancer tissue and adjacent normal tissue.

| Tissue sample | Number of Cases | p-Chk1 | p-value |
|---------------|-----------------|--------|---------|
|               |                 | Low    | High    |         |
| Adjacent      | 92              | 87     | 5       | 0.000   |
| Tumor         | 92              | 40     | 52      |         |

Chi-square test.

p<0.05 indicates a significant association among the variables.
Table 3. Relationships between the expression of TRAF4 and clinical pathological characteristics in colon cancer patients.

| Characteristics              | Number of Cases | Expression of TRAF4 | p-value |
|------------------------------|-----------------|---------------------|---------|
|                              |                 | Low (n=33)          | High (n=59) |
| Gender                       |                 |                     |          |
| Male                         | 51              | 20                  | 31      | 0.455 |
| Female                       | 41              | 13                  | 28      |
| Age (years)                  |                 |                     |          |
| ≤60                          | 30              | 9                   | 21      | 0.151 |
| >60                          | 62              | 24                  | 38      |
| Initial clinical stage       |                 |                     |          |
| ≤IIa                         | 48              | 28                  | 20      | 0.000 |
| >IIa                         | 44              | 5                   | 39      |
| Tumor stages                 |                 |                     |          |
| T1+T2                        | 29              | 11                  | 18      | 0.780 |
| T3+T4                        | 63              | 22                  | 41      |
| Lymph node status            |                 |                     |          |
| N0 (negative)                | 50              | 28                  | 22      | 0.000 |
| N1 or above (positive)       | 42              | 5                   | 37      |

Chi-square test.

p<0.05 indicates a significant association among the variables.
Table 4. Relationships between the expression of p-CHK1 and clinical pathological characteristics in colon cancer patients.

| Characteristics                  | All cases | Expression of p-CHK1 | p-value |
|----------------------------------|-----------|----------------------|---------|
|                                  |           | Low (n=35)           | High (n=57) |         |
| Gender                           |           |                      |         |
| Male                             | 51        | 20                   | 31      | 0.267   |
| Female                           | 41        | 15                   | 26      |         |
| Age (years)                      |           |                      |         |
| ≤60                              | 30        | 11                   | 19      | 0.850   |
| >60                              | 62        | 24                   | 38      |         |
| Initial clinical stage           |           |                      |         |
| ≤IIa                             | 48        | 25                   | 23      | 0.004   |
| >IIa                             | 44        | 10                   | 34      |         |
| Tumor stages                     |           |                      |         |
| T1+T2                            | 29        | 11                   | 18      | 0.988   |
| T3+T4                            | 63        | 24                   | 39      |         |
| Lymph nodes status               |           |                      |         |
| N0 (negative)                    | 50        | 25                   | 25      | 0.010   |
| N1 or above (positive)           | 42        | 10                   | 32      |         |

Chi-square test.
p<0.05 indicates a significant association among the variables.