

Supplement Table 1. Clinicopathological characteristics statistics of CRC patients from TCGA.

| Clinical characteristics |                         | Total<br>(391) | %    |
|--------------------------|-------------------------|----------------|------|
| Age at diagnosis (y)     | young age ( $\leq 65$ ) | 160            | 40.9 |
|                          | old age ( $> 65$ )      | 231            | 59.1 |
| Gender                   | Male                    | 208            | 53.2 |
|                          | Female                  | 183            | 46.8 |
| Stage                    | I                       | 68             | 17.4 |
|                          | II                      | 153            | 39.1 |
|                          | III                     | 103            | 26.3 |
|                          | IV                      | 56             | 14.3 |
|                          | Unknow                  | 11             | 2.8  |
|                          |                         |                |      |
| T classification         | Tis                     | 1              | 0.3  |
|                          | T1                      | 10             | 2.6  |
|                          | T2                      | 69             | 17.6 |
|                          | T3                      | 266            | 68.0 |
|                          | T4                      | 45             | 11.5 |
|                          |                         |                |      |
| M classification         | M0                      | 290            | 74.2 |
|                          | M1                      | 56             | 14.3 |
|                          | Unkow                   | 45             | 11.5 |
| N classification         | N0                      | 235            | 60.1 |
|                          | N1                      | 89             | 22.8 |
|                          | N2                      | 67             | 17.1 |