**Supplementary Table S2.** Correlation of TRG of KSP with clinicopathological parameters in rectal cancer.

|                      | TRG of KSP |       |      | p-value |
|----------------------|------------|-------|------|---------|
|                      | TRG0, 1    | TRG1, 2 |      |         |
| Age (yr)             |            |        |      |         |
| <65                  | 16 (15.7)  | 34 (33.3) | .215 |
| ≥65                  | 11 (10.8)  | 41 (40.2) |     |
| Sex                  |            |        |      |         |
| Male                 | 18 (17.6)  | 52 (51.0) | .798 |
| Female               | 9 (8.8)    | 23 (22.5) |     |
| Differentiation      |            |        |      |         |
| Well                 | 2 (2.0)    | 3 (3.0)  | .635 |
| Moderate             | 23 (23.2)  | 66 (66.7) |     |
| Poorly               | 2 (2.0)    | 3 (3.0)  |     |
| Lymphovascular invasion |        |        |      |         |
| Absent               | 19 (20.2)  | 52 (55.3) | .071 |
| Present              | 2 (2.1)    | 21 (22.3) |     |
| pT stage             |            |        |      |         |
| Tx–T2                | 24 (23.5)  | 26 (25.5) | <.001|
| T3–T4                | 3 (2.9)    | 49 (48.0) |     |
| pN stage             |            |        |      |         |
| N0                   | 24 (23.5)  | 47 (46.1) | .011 |
| N1–N2                | 3 (2.9)    | 28 (27.5) |     |
| pM stage             |            |        |      |         |
| M0                   | 27 (26.7)  | 73 (72.3) | >.99 |
| M1                   | 0          | 1 (1.0)  |     |
| MSI                  |            |        |      |         |
| MSS and MSI-L        | 24 (23.5)  | 69 (67.6) | .625 |
| MSI-H                | 3 (2.9)    | 6 (5.9)  |     |
| Recurrence           |            |        |      |         |
| No                   | 23 (22.8)  | 53 (52.5) | .225 |
| Yes                  | 4 (4.0)    | 21 (20.8) |     |
| Death                |            |        |      |         |
| No                   | 26 (25.5)  | 66 (64.7) | .509 |
| Yes                  | 1 (1.0)    | 9 (8.8)  |     |
| TRG of Mandard       |            |        |      |         |
| TRG1, 2              | 27 (26.5)  | 0       | <.001|
| TRG3                 | 0          | 37 (36.3) |     |
| TRG4, 5              | 0          | 38 (37.3) |     |

TRG, tumor regression grade; KSP, The Korean Society for Pathologists; MSI, microsatellite instability; MSS, microsatellite stable; MSI-L, MSI-low; MSI-H, MSI-high.