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| **Figure 1 – source data 1. Clinicopathologic features, BRAF mutation status, and CDX2 expression in 36 human serrated morphology CRCs** |
|   |   | CDX2 (+) | CDX2(-) | \*p value |   | BRAF mut | BRAF wt | \*p value |
| **Patient age** |   |   |  |   |  |  |  |
|  | age>68 | 7 | 12 | 0.736 |  | 11 | 8 | 0.978 |
|  | age<67 | 8 | 9 |  |  | 9 | 8 |  |
| **Sex** |  |  |  |  |  |  |  |
|  | Female | 10 | 12 | 0.732 |  | 11 | 11 | 0.501 |
|  | Male | 5 | 9 |  |  | 9 | 5 |  |
| **Tumor location** |  |  |  |  |  |  |  |
|  | Right | 5 | 10 | 0.501 |  | 9 | 6 | 0.741 |
|  |  Cecum | 1 | 4 |  |  | 4 | 1 |  |
|  |  Ascending colon | 1 | 4 |  |  | 3 | 2 |  |
|  |  Transverse colon | 3 | 2 |  |  | 2 | 3 |  |
|  | Left | 10 | 11 |  |  | 11 | 10 |  |
|  |  Descending colon | 0 | 0 |  |  | 0 | 0 |  |
|  |  Sigmoid colon | 1 | 3 |  |  | 3 | 1 |  |
|  |  Rectum | 9 | 8 |  |  | 8 | 9 |  |
| **Histology** |  |  |  |  |  |  |  |
|  | Serrated | 13 | 17 | 0.550 |  | 16 | 14 | 0.770 |
|  | Mucinous | 2 | 2 |  |  | 3 | 1 |  |
|  | Trabecular | 0 | 2 |  |  | 1 | 1 |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Mucin production (+) | 9 | 12 | 0.661 |  | 15 | 6 | 0.492 |
|  |  (-) | 6 | 9 |  |  | 5 | 10 |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Dirty necrosis (+) | 5 | 2 | 0.103 |  | 1 | 6 | 0.030 |
|  |  (-) | 10 | 19 |  |  | 19 | 10 |  |
| **Genetic status** |  |  |  |  |  |  |  |
|  | BRAFV600E mutant | 5 | 15 | 0.041 |  |  |  |  |
|   |  wild type | 10 | 6 |  |   |  |  |  |
|   | Total | 15 | 21 |   |   | 20 | 16 |  |
|  \*p values are determined by Fisher’s exact test (for 2X2 table) and Mantel-Haenszel Chi-Square test of association (for 3X2 table).     |