

Supplementary table 2. Clinicopathologic and molecular characteristics of colorectal cancers from patients in the validation set (N=950)

	CIMP-N (N = 878, 92.4%)	CIMP-P1 (N = 49, 5.2%)	CIMP-P2 (N = 23, 2.4%)	<i>P</i> Overall	CIMP-N vs. CIMP-P1	CIMP-N vs. CIMP-P2	CIMP-P1 vs. CIMP-P2
Age, median (min-max)	60 (24 – 80)	58 (36 – 72)	67 (34 – 81)	0.005	0.879	0.004	0.009
Sex				0.030	0.160	0.350	0.990
Female	348 (39.6%)	27 (55.1%)	13 (56.5%)				
Male	530 (60.4%)	22 (44.9%)	10 (43.5%)				
Location				< 0.001	< 0.001	< 0.001	0.550
Proximal colon	265 (30.2%)	32 (65.3%)	19 (82.6%)				
Distal colon	501 (57.0%)	17 (34.7%)	4 (17.4%)				
Rectum	112 (12.8%)	0 (0.0%)	0 (0.0%)				
Gross pattern				0.065	0.860	0.140	0.140
Fungating	522 (59.4%)	27 (55.1%)	19 (82.6%)				
Ulcerative	356 (40.6%)	22 (44.9%)	4 (17.4%)				
Differentiation				< 0.001	0.190	< 0.001	0.049
Well differentiated	41 (4.7%)	1 (2.0%)	0 (0.0%)				
Moderately differentiated	754 (85.9%)	37 (75.5%)	10 (43.5%)				
Poorly differentiated	83 (9.4%)	11 (22.5%)	13 (56.5%)				
T category				0.087	0.360	0.840	0.940
T1	10 (1.1%)	2 (4.1%)	0 (0.0%)				
T2	59 (6.7%)	0 (0.0%)	0 (0.0%)				
T3	659 (75.1%)	34 (69.4%)	19 (82.6%)				
T4	150 (17.1%)	13 (26.5%)	4 (17.4%)				
N category				0.156	0.590	0.570	0.330
N0	124 (14.1%)	6 (12.2%)	7 (30.4%)				
N1	520 (59.2%)	26 (53.1%)	10 (43.5%)				

N2	234 (26.7%)	17 (34.7%)	6 (26.1%)				
Stage				0.081	0.970	0.370	0.430
II, high-risk	124 (14.1%)	6 (12.2%)	7 (30.4%)				
III	754 (85.9%)	43 (87.8%)	16 (69.6%)				
<i>KRAS</i>				0.050	0.672	0.070	0.051
Wild type	590 (67.2%)	40 (81.6%)	21 (91.3%)				
Mutated	288 (32.8%)	9 (18.4%)	2 (8.7%)				
<i>BRAF</i>				< 0.001	0.025	0.022	0.761
Wild type	861 (98.1%)	38 (77.5%)	15 (65.2%)				
Mutated	17 (1.9%)	11 (22.5%)	8 (34.8%)				
MSI				< 0.001	0.115	< 0.001	0.001
MSS	722 (87.9%)	35 (71.4%)	5 (21.7%)				
MSI-low	60 (6.8%)	6 (12.2%)	0 (0.0%)				
MSI-high	46 (5.2%)	8 (16.3%)	18 (78.3%)				
<i>MLH1</i>				< 0.001	0.115	< 0.001	0.001
Unmethylated	864 (98.4%)	40 (81.6%)	4 (17.4%)				
Methylated	14 (1.6%)	9 (18.4%)	19 (82.6%)				

Abbreviations: MSI,
microsatellite instability;
MSS, microsatellite stable