

Supplementary table 1: Clinical characteristics of patients diagnosed with stage IV CRC between October 1 and December 31, 2017.

	Total cohort N=620 N (%)	Uptake mutation analysis N=293; 47%		
		% (N)	P*	OR**
<b>Gender</b>			ns	
Male	330 (53.2%)	47.6% (157)		
Female	290 (46.8%)	46.9% (136)		
<b>Age at initial diagnosis</b>			<0.001	
<50	58 (9.4%)	74.1% (43)	<0.001	3.6
50-70	263 (42.2%)	54.0% (142)	0.004	1.6
>70	299 (48.2%)	36.1% (108)	<0.001	0.4
<b>Topography</b>			0.045	
<b>Right-sided colon</b>	236 (38.1%)	41.1% (97)	0.017	0.7
Cecum	110 (17.7%)	43.6% (48)		
Appendix	18 (2.9%)	27.8% (5)		
Ascending colon	68 (11.0%)	44.1% (30)		
Hepatic flexure	13 (2.1%)	38.5% (5)		
Transverse colon	27 (4.4%)	33.3% (9)		
<b>Left-sided colon</b>	370 (59.7%)	64.8% (190)	0.014	1.5
Descending colon	25 (4.0%)	36.0% (9)		
Sigmoid colon	150 (24.2%)	60.0% (90)		
Splenic flexure	17 (2.7%)	35.3% (6)		
Rectosigmoid junction	33 (5.3%)	54.5% (18)		
Rectum	145 (23.4%)	46.2% (67)		
Unspecified colon side	14 (2.3%)	42.9% (6)	ns	
<b>Liver metastasis only</b>	206 (33.2%)	51.5% (106)	ns	
<b>Retroperitoneum or peritoneum metastasis only</b>	73 (11.8%)	23.3% (17)	<0.001	0.3
<b>Metastasis in multiple organs</b>	283 (45.6%)	53.0% (150)	0.010	1.5
<b>Histology</b>			ns	
Adenocarcinoma	540 (87.1%)	49.1% (265)		
Mucinous carcinoma	41 (6.6%)	39.0% (16)		
Signet ring carcinoma	16 (2.6%)	25.0% (4)		
Carcinoma, unspecified and other	23 (3.7%)	34.8% (8)		
<b>Tumor grade</b>			0.017	
Well differentiated	12 (1.9%)	58.3% (7)	ns	
Moderately differentiated	341 (55.0%)	52.5% (179)	0.005	1.6
Poorly differentiated/undifferentiated	99 (16.0%)	42.4% (42)	ns	
Unspecified	168 (27.1%)	38.7% (65)	0.011	0.6
<b>Performance status</b>			<0.001	
WHO 0	176 (28.4%)	60.2% (106)	<0.001	2.1
WHO 1	127 (20.5%)	52.8% (67)	ns	
WHO 2	41 (6.6%)	53.3% (16)	ns	
WHO 3	21 (3.4%)	23.8% (5)	0.043	0.3
WHO 4	3 (0.5%)	33.3% (1)	ns	
Unspecified	252 (40.6%)	38.9% (98)	0.001	0.6
<b>Geographical region of diagnosis</b>			ns	
Region 1	50 (8.1%)	56.0% (28)		
Region 2	90 (14.5%)	40.0% (36)		
Region 3	116 (18.7%)	51.7% (60)		
Region 4	100 (16.1%)	48.0% (48)		
Region 5	52 (8.4%)	53.8% (28)		
Region 6	73 (11.8%)	42.5% (31)		
Region 7	139 (22.4%)	44.6% (62)		

\*Fisher's exact test was applied to calculate significance. \*\*OR=Odds ratio.