

Table S1. Serum level of CEA and CA 19-9 and clinical patient characteristics

Variables	Serum level of CEA		Serum level of CA19-9	
	(n=545)		(n=494)	
	<5 µg/L n (%)	≥5 µg/L n (%)	<35 kU/L n (%)	≥35 kU/L n (%)
WHO performance status				
0	83 (23)	284 (77)	148 (45)	180 (55)
1	11 (7)	144 (93)	38 (26)	107 (74)
2	2 (9)	21 (91)	2 (10)	19 (90)
Origin of primary tumour				
Colon	59 (18)	262 (82)	105 (35)	192 (65)
Rectum	37 (17)	187 (84)	83 (42)	114 (58)
Surgery of primary tumour				
Resected	79 (21)	290 (79)	147 (44)	187 (56)
Not resected	17 (10)	159 (90)	41 (26)	119 (74)
Time of metastases				
Synchronous	60 (15)	329 (85)	109 (31)	238 (69)
Metachronous	36 (23)	120 (77)	79 (54)	68 (46)
Type of metastases				
Liver-only	14 (14)	88 (86)	33 (37)	56 (63)
Lung-only	8 (33)	16 (67)	15 (71)	6 (29)
Other-sites-only	6 (21)	23 (79)	12 (44)	15 (56)
Multiple sites	68 (17)	322 (83)	128 (36)	229 (64)
Alkaline phosphatase level				
Normal	76 (27)	210 (73)	132 (51)	126 (49)
> UNL	20 (8)	239 (92)	56 (24)	180 (76)
Platelet count				
≤400/nL	77 (20)	306 (80)	142 (41)	205 (59)
>400/nL	19 (12)	143 (88)	46 (31)	101 (69)
White blood cell count				
≤10/nL	87 (21)	326 (79)	161 (44)	208 (56)
>10/nL	9 (7)	123 (93)	27 (22)	98 (78)
RAS/BRAF mutation status				
RAS/BRAF wild-type	27* (15)	159* (85)	72‡ (42)	99‡ (58)
RAS mutation	40* (20)	161* (80)	65‡ (36)	114‡ (64)
BRAF mutation	18* (34)	35* (66)	18‡ (37)	31‡ (63)
CRP level				
≤10 mg/L	55† (28)	139† (72)	91§ (52)	85§ (48)
>10 mg/L	27† (12)	207† (88)	63§ (30)	149§ (70)

Abbreviations: CRP, C-reactive protein; UNL, Upper normal limit; WHO, World Health Organization.

* Analysed for RAS/BRAF mutations (n=440), † CRP (n=428), ‡ RAS/BRAF mutations (n=399), § CRP (n=388).