

Supplemental Data

Low Percentage of KRAS Mutations Revealed by Locked Nucleic Acid Polymerase Chain Reaction: Implications for Treatment of Metastatic Colorectal Cancer

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Supplementary Table S1. Molecular data of a cohort of 213 mCRC patients.

Patient	Sequencing	KRAS		BRAF Sequencing
		DXS	LightMix	
1	13D	13D	13D	wt
2	13D	13D	13D	wt
3	12A	12A	12A	wt
4	13D	13D	13D	wt
5	12D	12D	12D	wt
6	12D	12D	12D	wt
7	13D	13D	13D	wt
8	12D	12D	12D	wt
9	12A	12A	12A	wt
10	12D	12D	12D	wt
11	wt	12S	12S	wt
12	13D	13D	13D	wt
13	12D	12D	12D	wt
14	12A	12A	12A	wt
15	12R	12R	12R	wt
16	12A	12A	12A	wt
17	12V	12V	12V	wt
18	12V	12V	12V	wt
19	12S	12S	12S	wt
20	13C	nd	13C	wt
21	13D	13D	13D	wt
22	12D	12D	12D	wt
23	12D	12D	12D	wt
24	13D	13D	13D	wt
25	13D	13D	13D	wt
26	12D	12D	12D	wt
27	12D	12D	12D	wt
28	12D	12D	12D	wt
29	12D	12D	12D	wt
30	12D	12D	12D	wt
31	13D	13D	13D	wt
32	12S	12S	12S	wt
33	12D	12D	12D	wt
34	12A	12A	12A	wt
35	13D	13D	13D	wt
36	12V	12V	12V	wt
37	12D	12D	12D	wt
38	wt	12V	12V	wt

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Supplementary Table S1. Continued.

39	12V	12V	12V	wt
40	12V	12V	12V	wt
41	12S	12S	12S	wt
42	12S	12S	12S	wt
43	wt	12D	12D	wt
44	12V	12V	12V	wt
45	13D	13D	13D	wt
46	12D	12D	12D	wt
47	12D	12D	12D	wt
48	12A	12A	12A	wt
49	12V	12V	12V	wt
50	12D	12D	12D	wt
51	12D	12D	12D	wt
52	12V/12C	12V/12C	12V/12C	wt
53	12D	12D	12D	wt
54	12D	12D	12D	wt
55	12V	12V	12V	wt
56	12A	12A	12A	wt
57	12D	12D	12D	wt
58	12D	12D	12D	wt
59	12S	12S	12S	wt
60	12V	12V	12V	wt
61	12D	12D	12D	wt
62	13D	13D	13D	wt
63	12D	12D	12D	wt
64	12V	12V	12V	wt
65	wt	wt	wt	wt
66	wt	wt	wt	wt
67	wt	wt	wt	wt
68	wt	wt	wt	V600E
69	wt	wt	12D	wt
70	wt	wt	12A	wt
71	wt	wt	13C	wt
72	wt	wt	wt	V600E
73	wt	wt	wt	wt
74	wt	wt	12D	wt
75	wt	wt	wt	wt
76	wt	wt	12D	wt
77	wt	wt	wt	wt
78	wt	wt	wt	V600E
79	wt	wt	wt	V600E
80	wt	wt	wt	wt

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KRAS MUTATIONS AND RESPONSE TO THERAPY IN MCRC

Supplementary Table S1. Continued.

81	wt	wt	wt	wt
82	wt	wt	wt	wt
83	wt	wt	13S	wt
84	wt	wt	wt	wt
85	wt	wt	wt	wt
86	wt	wt	12D	wt
87	wt	wt	wt	wt
88	wt	wt	12S	wt
89	wt	wt	wt	wt
90	wt	wt	wt	wt
91	wt	wt	wt	wt
92	wt	wt	12A	wt
93	wt	wt	wt	wt
94	wt	wt	wt	wt
95	wt	wt	wt	wt
96	wt	wt	12S	wt
97	wt	wt	wt	V600E
98	wt	wt	12D	wt
99	wt	wt	wt	wt
100	wt	wt	wt	wt
101	wt	wt	12V	wt
102	wt	wt	wt	wt
103	wt	wt	wt	wt
104	wt	wt	12D	wt
105	wt	wt	12D	wt
106	wt	wt	12T	wt
107	wt	wt	13C	wt
108	wt	wt	12D	wt
109	wt	wt	12V	wt
110	wt	wt	12A	wt
111	wt	wt	wt	V600E
112	wt	wt	12D	wt
113	wt	wt	12A	wt
114	wt	wt	wt	wt
115	wt	wt	wt	wt
116	wt	wt	12D	wt
117	wt	wt	13D	wt
118	wt	wt	12S	wt
119	wt	wt	wt	wt
120	wt	wt	wt	wt
121	wt	wt	wt	wt
122	wt	wt	wt	wt
123	wt	wt	wt	wt
124	wt	wt	12A	wt
125	wt	wt	wt	wt
126	wt	wt	wt	wt
127	wt	wt	wt	wt
128	wt	wt	wt	wt
129	wt	wt	wt	wt
130	wt	wt	13D	wt
131	wt	wt	wt	V600E
132	wt	wt	wt	wt
133	wt	wt	wt	wt
134	wt	wt	wt	V600E
135	wt	wt	wt	V600E
136	wt	wt	12D	wt
137	wt	wt	wt	wt
138	wt	wt	wt	wt
139	wt	wt	wt	wt
140	wt	wt	wt	wt
141	wt	wt	wt	wt
142	wt	wt	12D	wt
143	wt	wt	wt	V600E
144	wt	wt	12D	wt
145	wt	wt	wt	wt

Supplementary Table S1. Continued.

146	wt	wt	12D	wt
147	wt	wt	wt	V600E
148	wt	wt	wt	wt
149	wt	wt	13S	wt
150	wt	wt	12R	wt
151	wt	wt	wt	wt
152	wt	wt	wt	wt
153	wt	wt	wt	V600E
154	wt	wt	wt	wt
155	wt	wt	wt	wt
156	wt	wt	wt	wt
157	wt	wt	12V	wt
158	wt	wt	12V	wt
159	wt	wt	13S	wt
160	12V	12V	12V	wt
161	12A	12A	12A	wt
162	12D	12D	12D	wt
163	12D	12D	12D	wt
164	12V	12V	12V	wt
165	13D	13D	13D	wt
166	12A	12A	12A	wt
167	12V	12V	12V	wt
168	13C	nd	13C	wt
169	12A	12A	12A	wt
170	12D	12D	12D	wt
171	12D	12D	12D	wt
172	12V	12V	12V	wt
173	13D	13D	13D	wt
174	12V	12V	12V	wt
175	12D	12D	12D	wt
176	13D	13D	13D	wt
177	12D	12D	12D	wt
178	12D	12D	12D	wt
179	12C	12C	12C	wt
180	wt	wt	wt	wt
181	wt	wt	wt	wt
182	wt	wt	wt	wt
183	wt	wt	13D	wt
184	wt	wt	wt	wt
185	wt	wt	wt	V600E
186	wt	wt	wt	wt
187	wt	wt	wt	wt
188	wt	wt	12V	wt
189	wt	wt	wt	wt
190	wt	wt	wt	wt
191	wt	wt	wt	wt
192	wt	wt	12D/13D	wt
193	wt	wt	wt	wt
194	wt	wt	12D	wt
195	wt	wt	12D/13S	wt
196	wt	wt	wt	wt
197	wt	wt	wt	wt
198	wt	wt	12V	wt
199	wt	wt	wt	wt
200	wt	wt	wt	wt
201	wt	wt	wt	V600E
202	wt	wt	wt	wt
203	wt	wt	wt	wt
304	wt	wt	wt	wt
205	wt	wt	12V	wt
206	wt	wt	wt	wt
207	wt	wt	12D	wt
208	wt	wt	12D	wt
209	wt	wt	wt	wt
210	wt	wt	wt	wt
211	wt	wt	wt	wt
212	wt	wt	wt	V600E
213	wt	wt	wt	wt

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nd: not detectable