

Table S1 Molecular, cytogenetics results with corresponding claudin 18.2 immunohistochemistry (IHC) results

Case number	Genes sequenced	KRAS	IDH2	PIK3CA	TP53	Other SNV	MSI	Cytogenetics	Claudin 18.2 IHC	
									Percentage of cells staining	Staining intensity
1	467	p.G12D	Negative	Negative	p.P250L	MSH2 p.Q298*	-	-	0	0
2	467	Negative	p.R132C	Negative	Negative	BAP1 p.A304Pfs*31	-	Negative	0	0
3	467	Negative	Negative	p.E545K	Negative	BLM p.K476Dfs*12	-	-	40	2+
4	467	Negative	Negative	Negative	p.D208V	ARID2 p.E65*	-	-	0	0
5	467	Negative	Negative	Negative	p.H179N	None reportable	-	-	50	2+
6	467	Negative	Negative	Negative	Negative	None reportable	-	-	0	0
7	BRAF, FBXW7, GNAQ, GNA11, FGFR2, IDH1, IDH2, KRAS, NRAS, POLD1, POLE	Negative	Negative	-	-	None reportable	MSS	-	5	1+
8	BRAF; KRAS; NRAS; PIK3CA	Negative	-	Negative	-	None reportable	MSS	-	0	0
9	KRAS	p.G12D	-	-	-	-	-	Negative	0	0
10	KRAS	p.G12S	-	-	-	-	MSS	-	0	0
11	KRAS	Negative	-	-	-	-	-	-	100	3+
12	KRAS	Negative	-	-	-	-	-	-	0	0
13	KRAS	Negative	-	-	-	-	-	-	0	0
14	-	-	-	-	-	-	MSS	-	50	3+
15	-	-	-	-	-	-	-	Polysomies 3, 7, 9, 17; p16 deletion	25	3+
16	-	-	-	-	-	-	-	Polysomies 3, 7, 17; p16 deletion	0	0
17	-	-	-	-	-	-	-	Polysomies 3, 7, 9, 17	85	2+
18	-	-	-	-	-	-	-	Polysomies 3, 7, 9, 17	70	1+
19	-	-	-	-	-	-	-	Polysomy 3; Tetrasomy 7; Loss of chromosome 17	40	1+
20	-	-	-	-	-	-	-	Trisomy 3, 7, 17	0	0
21	-	-	-	-	-	-	-	Trisomy 3	85	2+
22	-	-	-	-	-	-	-	p16 deletion	0	0
23	-	-	-	-	-	-	-	Negative	0	0
24	-	-	-	-	-	-	-	Negative	0	0
25	-	-	-	-	-	-	-	Negative	0	0
26	-	-	-	-	-	-	-	Negative	15	1+

Table S1 (continued)

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Case number	Genes sequenced	KRAS	IDH2	PIK3CA	TP53	Other SNV	MSI	Cytogenetics	Claudin 18.2 IHC	
									Percentage of cells staining	Staining intensity
27	-	-	-	-	-	-	-	Negative	0	0
28	-	-	-	-	-	-	-	Negative	20	1+
29	-	-	-	-	-	-	-	Negative	95	3+
30	-	-	-	-	-	-	-	Negative	85	2+
31	-	-	-	-	-	-	-	Negative	0	0
32	-	-	-	-	-	-	-	Negative	0	0
33	-	-	-	-	-	-	-	Negative	40	2+
34	-	-	-	-	-	-	-	Negative	90	3+

-, Not tested.