

SUPPLEMENTARY TABLE 1B: ddPCR results of cDNA samples taken pre-operatively and after surgery (CRS-HIPEC or open-close)

Patient number	mutation detected in metastasis	ddPCR kit used	preoperative				up to 1 month after surgery†				up to 3 months after surgery†				up to 6 months after surgery†				up to 12 months after surgery†				up to 18 months after surgery†				up to 24 months after surgery†			
			mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)	mutant copies/reaction	wild-type copies/reaction	va%	cDNA input (ng)
L-1	KRAS (c. 35G>T; p. G12Vall)	KRAS G12/13 screen	0	418	0	1.4																								
L-1	KRAS (c. 35G>T; p. G12Vall)	mutation specific	0	364	0	1.2																								
L-2	KRAS (c. 35G>A; p. G12V2Asp)	KRAS G12/13 screen	13.2	510	2.5	1.7																								
L-2	KRAS (c. 35G>A; p. G12V2Asp)	mutation specific	10.6	458	2.7	1.5																								
L-3	KRAS (c. 35G>A; p. G12V2Asp)	KRAS G12/13 screen	0	664	0	2.2	0	3700		12.2													0	750		2.47	0	918		3.02
L-3	KRAS (c. 35G>A; p. G12V2Asp)	mutation specific	0	644	0	2.1	0	4140		13.6													0	914		3.01	1.8	900		2.97
L-4	No KRAS mutation	KRAS G12/13 screen	1.4	550	0.3	1.8	0	2320		7.6								0	672		2.21	0	508							
L-4	APC (c. 4348C>T; p. R1450Ter)	mutation specific	0	714	0.0	2.3	0	3080		10.1								0	968		3.18	0	676							
L-5	KRAS (c. 34G>T; p. G12V1Cys)	KRAS G12/13 screen	0	420	0	1.4	0	3020		9.9								1.4	538		1.77									
L-5	TP53 (c. R176>T; p. Arg273Cys)	mutation specific	1.4	384	0	1.3	2.8	3400		11.2								1.6	636		2.10									
L-5	KRAS (c. 34G>T; p. G12V1Cys)	mutation specific	0	400	0	1.3	0	3280		10.8								0	540		1.78									
L-6	TP53 (c. 422G>A; p. Cys141Trp)	mutation specific	0	550	0.0	1.8	0	994		3.3				0	766		2.52													
L-6	No KRAS mutation	KRAS G12/13 screen	0	458	0.0	1.5	0	852		2.8				0	658		2.16													
L-7	No KRAS mutation	KRAS G12/13 screen	0	1216	0.0	4.0	0	1128		3.7																				
L-7	FBXW7 (c. 1273C>T; p. Arg25Cys)	mutation specific	0	1302	0.0	4.3	0	1452		4.8																				
L-8	KRAS (c. 35G>A; p. G12V2Asp)	KRAS G12/13 screen	0	400	0	1.3	2.8	6340		20.2				0	514		1.69													
L-8	KRAS (c. 35G>A; p. G12V2Asp)	mutation specific	0	344	0	1.1	1.6	6400		21.1				0	588		1.93													
L-9	KRAS (not in screen kit)	KRAS G12/13 screen	1.6	870	0.2	2.9	1.4	6240		20.5								0	946		3.11									
L-9	APC (c. 4135G>T; p. Gln137Ter)	mutation specific	0	848	0	2.8	0	5780		19.0								76	850		8.21									
L-9	TP53 (c. R186>A; p. Arg273His)	mutation specific	0	996	0	3.3	0	6360		20.9								116	966		10.72									
L-9	PTEN (c. 650T>A; p. Val217Asp)	mutation specific	0	1214	0	4.0	0	7780		25.6								80	1024		7.25									
L-10	No KRAS mutation	KRAS G12/13 screen	0	736	0	2.4																								
L-10	TP53 (c. 844C>T; p. Arg282Trp)	mutation specific	0	870	0	2.9																								
L-11	KRAS (c. 35G>A; p. G12V2Asp)	KRAS G12/13 screen	11.4	658	1.7	2.2	0	1934		6.4				0	652		2.14	0	646		2.13									
L-11	SMAD4 (c. 403C>T; p. Arg137Ter)	mutation specific	9	804	1.1	2.7	0	2440		8.0				0	890		2.93	1.4	784		2.58									
L-12	No KRAS mutation	KRAS G12/13 screen	0	968	0	3.2	3.2	15980		52.6	0	940		3.09	1.6	1150		4.45												
L-12	BRAF (c. 1799T>A; p. Val600Glu)	mutation specific	0	978	0	3.2	0	14920		49.1	0	0		3.01	0	1250		4.11												
L-12	PK3CA (c. 263G>A; p. Arg88Gln)	mutation specific	0	1034	0	3.4	0	20160		66.3	0	1074		3.53	0	1620		5.33												
L-13	KRAS (c. 35G>T; p. G12V2Val)	KRAS G12/13 screen	114	918	10.8	3.5	1.4	2180		7.2																				
L-13	APC (c. 4132C>T; p. Gln137Ter)	mutation specific	108	1068	9.2	3.9	0	2380		7.8																				
L-13	TP53 (c. 586C>T; p. Arg196Ter)	mutation specific	128	1122	10.2	4.1	1.6	2580		8.5																				
L-13	KRAS (c. 35G>T; p. G12V2Val)	mutation specific	74	678	9.8	2.5	1.6	1720		5.7																				
L-14	KRAS (c. 180_181delinsAA; p. Gln61Lys)	KRAS G12/13 screen	0	1040	0	3.4	3	15540		51.1	1.4	1282		4.22																
L-14	TP53 (c. 524G>A; p. Arg179His)	mutation specific	0	1250	0	4.1	3	16220		53.4	0	1500		4.93																
L-14	KRAS (c. 180_181delinsAA; p. Gln61Lys)	mutation specific	0	1302	0	4.3	0	14660		48.2	0	1372		4.51																
L-15	KRAS (c. 38G>A; p. G12V13Asp)	KRAS G12/13 screen	0	402	0	1.3	0	2100		6.9								0	864		2.84	0	776							
L-15	APC (c. 4095C>T; p. Gln1367Ter)	mutation specific	0	632	0	2.1	1.4	2780		9.1				0	1208		3.97	4.6	940		3.11									
L-15	SMAD4 (c. 1572G>T; p. Trp524Cys)	mutation specific	0	520	0	1.7	0	2760		9.1				0	1134		3.73	0	960		3.16									
L-15	TP53 (c. 701A>G; p. Trp234Cys)	mutation specific	0	550	0	1.8	0	2620		8.6				0	1242		4.09	0	1086		3.57									
L-16	KRAS (c. 38G>A; p. G12V13Asp)	KRAS G12/13 screen	2.8	860	0.3	2.8	0	1304		4.3				1.6	1338		4.41													
L-16	FBXW7 (c. 1393C>T; p. Arg465Cys)	mutation specific	1.2	846	0.1	2.9	0	1388		4.6				0	1314		4.39													
L-16	APC (c. 4037C>A; p. Ser1346Ter)	mutation specific	3.2	880	0.4	2.9	0	1506		5.0				0	1388		4.57													
L-17	No KRAS mutation	KRAS G12/13 screen	0	1244	0	4.1	0	1682		5.5	0	1340		4.41																
L-17	SMAD4 (c. 1083G>A; p. Arg361His)	mutation specific	0	1560	0	5.1	0	1740		5.7	0	1170		3.85																
L-18	No KRAS mutation	KRAS G12/13 screen	0	546	0	1.8	0	1524		5.0								0	2120		6.97									
L-18	TP53 (c. 586C>T; p. Arg196Ter)	mutation specific	6.6	616	4	2.0	1.6	1840		6.1								16	2760		9.13									
L-18	BRAF V600E	mutation specific	4.2	458	1	1.5	0	1500		4.9								2.6	1842		6.07									
L-19	No KRAS mutation	KRAS G12/13 screen	0	698	0	1.4	3.2	15980		52.6								0	874		2.88									
L-19	TP53 c.560-1G>A splice variant	mutation specific	11.2	426	3	1.4	5	14720		48.4								11.2	914		1.210549									
L-20	KRAS (c. 35G>A; p. G12V2Asp)	KRAS G12/13 screen	6.6	600	1.1	2.0																								
L-20	TP53 (c. 524G>A; p. Arg179His)	mutation specific	5.2	732	0.7	2.4																								
L-21	No KRAS mutation	KRAS G12/13 screen	1.4	742	0.2	2.4																								
L-21	BRAF V600E	mutation specific	0	662	0.0	2.2																								
L-22	No KRAS mutation	KRAS G12/13 screen	0	440	0	1.4	0	838		2.8																				
L-22	APC (c. 2626C>T; p. Arg876Ter)	mutation specific	0	476	0	1.6	0	1054		3.5																				
L-22	TP53 (c. 711G>A; p. Met237Ile)	mutation specific	0	492	0	1.6	0	958		3.2																				