

Supplementary Table S1. Reports of CGH analyses

Type of cancer	Author	Year	Histology	Case	Reference
Esophageal cancer	Du Plessis, L.	1999	Sq	29	Cancer Res 59(8): 1877-83.
Esophageal cancer	Shinomiya, T.	1999	Sq	29	Genes Chromosomes Cancer 24(4): 337-44.
Esophageal cancer	Walch, A. K.	2000	Ad	30	Am J Pathol 156(2): 555-66.
Esophageal cancer	Riegman, P. H.	2001	Ad	30	Cancer Res 61(7): 3164-70.
Esophageal cancer	Yen, C. C.	2001	Sq	46	Cancer 92(11): 2769-77.
Esophageal cancer	Ueno, T.	2002	Sq	51	Clin Cancer Res 8(2): 526-33.
Esophageal cancer	Wei, F.	2002	Sq	25	Cancer Genet Cytogenet 138(1): 38-43.
Esophageal cancer	Fujita, Y.	2003	Sq	41	Hepatogastroenterology 50(54): 1857-63.
Esophageal cancer	Noguchi, T.	2003	Sq	53	Oncol Rep 10(5): 1393-400.
Esophageal cancer	Weiss, M. M.	2003	Ad	24	J Pathol 199(2): 157-65.
Esophageal cancer	Kwong, D.	2004	Sq	60	Hum Pathol 35(3): 309-16.
Esophageal cancer	Wang, L. D.	2006	Sq	37	Dis Esophagus 19(6): 459-67.
Gastric cancer	Kokkola, A.	1997	Int, Diff	35	Genes Chromosomes Cancer 20(1): 38-43.
Gastric cancer	Nessling, M.	1998	Int, Diff, Mix	23	Genes Chromosomes Cancer 23(4): 307-16.
Gastric cancer	Sakakura, C.	1999	n.s.	58	Genes Chromosomes Cancer 24(4): 299-305.
Gastric cancer	Guan, X. Y.	2000	Ad, Sig, Muc	62	Cancer Genet Cytogenet 123(1): 27-34.
Gastric cancer	Koo, S. H.	2000	Int, Diff	37	Cancer Genet Cytogenet 117(2): 97-103.
Gastric cancer	van Grieken, N. C.	2000	Ad	46	J Pathol 192(3): 301-6.
Gastric cancer	Kong, G.	2001	Int, Diff	33	Jpn J Cancer Res 92(7): 740-7.
Gastric cancer	Noguchi, T.	2001	Int, Diff, Mix	38	Am J Clin Pathol 115(6): 828-34.
Gastric cancer	Stocks, S. C.	2001	Ad	28	Genes Chromosomes Cancer 32(1): 50-8.
Gastric cancer	van Dekken, H.	2001	Ad	20	Am J Pathol 158(6): 1961-7.
Gastric cancer	Wu, M. S.	2001	Int, Diff	53	Genes Chromosomes Cancer 30(1): 80-6.
Gastric cancer	zur Hausen, A.	2001	Ad	44	Gastroenterology 121(3): 612-8.
Gastric cancer	Wu, C. W.	2002	Ad	62	Genes Chromosomes Cancer 35(3): 219-31.

Gastric cancer	Varis, A.	2003	Int, Diff, Mix	22	Br J Cancer 88(12): 1914-9.
Gastric cancer	Tay, S. T.	2003	Ad	44	Cancer Res 63(12): 3309-16.
Gastric cancer	Kimura, Y.	2004	Ad	102	Mod Pathol 17: 1328-37.
Colorectal cancer	De Angelis, P. M.	1999	n.s.	45	Br J Cancer 80(3-4): 526-35.
Colorectal cancer	Aust, D. E.	2000	n.s.	42	Hum Pathol 31(1): 109-14.
Colorectal cancer	Aragane, H.	2001	n.s.	30	Int J Cancer 94(5): 623-9.
Colorectal cancer	Nakao, K.	2001	Ad	35	Cancer 91(4): 721-6.
Colorectal cancer	Rooney, P. H.	2001	n.s.	29	Br J Cancer 85(10): 1492-8.
Colorectal cancer	Ghadimi, B. M.	2003	Ad	50	Clin Cancer Res 9(5): 1808-14.
Colorectal cancer	He, Q. J.	2003	n.s.	26	Cancer Genet Cytogenet 144(2): 112-8.
Colorectal cancer	Leslie, A.	2003	Ad	50	Cancer Res 63(15): 4656-61.
Colorectal cancer	Poeaim, S.	2005	n.s.	40	Cancer Genet Cytogenet 160(2): 152-9.
Colorectal cancer	Mehigan, B. J.	2006	n.s.	49	Acta Oncol 45(1): 61-6.
Colorectal cancer	Liu, X. P.	2007	n.s.	73	Oncol Rep 17(1): 261-7.
Pancreatic cancer	Solinas-Toldo, S.	1996	Ad	27	Cancer Res 56(16): 3803-7.
Pancreatic cancer	Mahlamaki, E. H.	1997	Exocrine	23	Genes Chromosomes Cancer 20(4): 383-91.
Pancreatic cancer	Schleger, C.	2000	Ad	33	J Pathol 191(1): 27-32.
Pancreatic cancer	Harada, T.	2002	Ad	32	Oncology 62(3): 251-8.
Pancreatic cancer	Lin, M.	2003	n.s.	27	Chin Med J (Engl) 116(8): 1156-60.
Pancreatic cancer	Schleicher, C.	2007	Ductal, Muc	33	Ann Surg Oncol 14(4): 1327-35.

Sq, squamous cell carcinoma; Ad, adenocarcinoma; Int, intestinal type (Lauren's classification, *Acta Pathol Microbiol Scand.* 1965;64: 31-49); Diff, diffuse type (Lauren's); Mix, mixed type (Lauren's); Sig, signet ring cell carcinoma; Muc, mucinous carcinoma; n.s., not specified

Supplementary Table S2. Reports of amplifications

Esophageal cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
7p12	<i>EGFR</i>	Kitagawa, Y.	1996	Sq	slot blot	13	107	Clin Cancer Res 2(5): 909-14.
7p12	<i>EGFR</i>	Miller, C. T.	2003	Ad	Q-PCR, Southern blot	7	87	Clin Cancer Res 9(13): 4819-25.
7p12	<i>EGFR</i>	Sunpaweravong, P.	2005	Sq	FISH	8	55	J Cancer Res Clin Oncol 131(2): 111-9.
7p12	<i>EGFR</i>	Hanawa, M.	2006	Sq	FISH	15	53	Int J Cancer 118(5): 1173-80.
7p12	<i>EGFR</i>	Hanawa, M.	2006	Sq	FISH	15	53	Int J Cancer 118(5): 1173-80.
7p12	<i>EGFR</i>	Itakura, Y.	1994	Sq	Southern blot	9	42	Cancer 74(3): 795-804.
7p12	<i>EGFR</i>	Lu, S. H.	1988	n.s.	Southern blot	5	37	Int J Cancer 42(4): 502-5.
7p12	<i>EGFR</i>	Ishizuka, T.	2002	Sq	aCGH	1	32	Biochem Biophys Res Commun 296(1): 152-5.
7p12	<i>EGFR</i>	Hollstein, M. C.	1988	Sq	Southern blot	2	25	Cancer Res 48(18): 5119-23.
7p12	<i>EGFR</i>	Dahlberg, P. S.	2004	Ad	Southern blot	0	25	Ann Thorac Surg 78(5): 1790-800.
8q24	<i>MYC</i>	Bitzer, M.	2003	Sq	differential PCR	21	120	Anticancer Res 23(2B): 1489-93.
8q24	<i>MYC</i>	Miller, C. T.	2003	Ad	Q-PCR, Southern blot	4	87	Clin Cancer Res 9(13): 4819-25.
8q24	<i>MYC</i>	Sarbia, M.	2001	Ad	differential PCR	17	39	Am J Clin Pathol 115(6): 835-40.
8q24	<i>MYC</i>	Dahlberg, P. S.	2004	Ad	Southern blot	0	25	Ann Thorac Surg 78(5): 1790-800.
8q24	<i>MYC</i>	Huang, X. P.	2006	Sq	FISH	19	24	Cancer Genet Cytogenet 165(1): 20-4.
8q24	<i>MYC</i>	Esteve, A.	1993	Sq, Ad	Southern blot	6	24	Mol Carcinog 8(4): 306-11.
8q24	<i>MYC</i>	Lu, S. H.	1988	n.s.	Southern blot	3	22	Int J Cancer 42(4): 502-5.
8q24	<i>MYC</i>	Arai, H.	2003	Sq	DNA microarray	2	20	Cancer Genet Cytogenet 146(1): 16-21.
11q13	<i>CCND1</i>	Shinozaki, H.	1996	Sq	slot blot	28	122	Clin Cancer Res 2(7): 1155-61.
11q13	<i>CCND1</i>	Miller, C. T.	2003	Ad	Q-PCR, Southern blot	6	87	Clin Cancer Res 9(13): 4819-25.
11q13	<i>CCND1</i>	Roncalli, M.	1998	Sq, Ad	Southern blot	17	55	Lab Invest 78(9): 1049-57.
11q13	<i>CCND1</i>	Sunpaweravong, P.	2005	Sq	FISH	23	55	J Cancer Res Clin Oncol 131(2): 111-9.
11q13	<i>CCND1</i>	Morgan, R. J.	1999	Sq, Ad	Southern blot	7	45	Eur J Surg Oncol 25(4): 364-7.

11q13	<i>CCND1</i>	Bizari, L.	2006	Sq	FISH	28	40	Cancer Genet Cytogenet 165(1): 41-50.
11q13	<i>FGF3</i>	Mori, M.	1992	Sq	dot blot	22	90	Eur J Cancer 28A(4-5): 755-7.
11q13	<i>FGF3</i>	Ikeda, Y.	1996	n.s.	slot blot	14	54	Ann Thorac Surg 62(3): 835-8.
11q13	<i>FGF3/FGF4</i>	Kitagawa, Y.	1991	Sq	slot blot	30	107	Cancer Res 51(5): 1504-8.
11q13	<i>FGF4</i>	Chikuba, K.	1995	Sq	dot blot	37	82	Br J Surg 82(3): 364-7.
17q12	<i>ERBB2</i>	Reichelt, U.	2007	Ad, Sq	FISH	23	255	Mod Pathol 20(1): 120-9.
17q12	<i>ERBB2</i>	Rauser, S.	2007	Ad	FISH	21	124	Clin Cancer Res 13(17): 5115-23.
17q12	<i>ERBB2</i>	Miller, C. T.	2003	Ad	Q-PCR, Southern	19	87	Clin Cancer Res 9(13): 4819-25.
17q12	<i>ERBB2</i>	Mimura, K.	2005	Sq	FISH	7	66	Br J Cancer 92(7): 1253-60.
17q12	<i>ERBB2</i>	Brien, T. P.	2000	Ad	FISH	12	63	Hum Pathol 31(1): 35-9.
17q12	<i>ERBB2</i>	Sunpaweravong, P.	2005	Sq	FISH	1	55	J Cancer Res Clin Oncol 131(2): 111-9.
17q12	<i>ERBB2</i>	Ikeda, Y.	1996	n.s.	slot blot	5	54	Ann Thorac Surg 62(3): 835-8.
17q12	<i>ERBB2</i>	Geddert, H.	2002	Ad	differential PCR	6	46	Am J Clin Pathol 118(1): 60-6.
17q12	<i>ERBB2</i>	Bizari, L.	2006	Sq	FISH	16	40	Cancer Genet Cytogenet 165(1): 41-50.
17q12	<i>ERBB2</i>	Ishizuka, T.	2002	Sq	aCGH	2	32	Biochem Biophys Res Commun 296(1): 152-5.

Gastric cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
7q31	<i>MET</i>	Hara, T.	1998	Ad	FISH, Southern	6	154	Lab Invest 78(9): 1143-53.
7q31	<i>MET</i>	Nakajima, M.	1999	Int, Diff	Southern blot	13	128	Cancer 85(9): 1894-902.
7q31	<i>MET</i>	Tsugawa, K.	1998	n.s.	slot blot	7	70	Oncology 55(5): 475-81.
7q31	<i>MET</i>	Kuniyasu, H.	1992	Ad, Sci	Southern blot	15	64	Biochem Biophys Res Commun 189(1): 227-32.
7q31	<i>MET</i>	Tsujimoto, H.	1997	Ad, Sig	Southern blot	5	57	Virchows Arch 431(6): 383-9.
7q31	<i>MET</i>	Kijima, Y.	2002	Ad, Sig	competitive PCR	11	37	Oncology 62(1): 60-5.
17q12	<i>ERBB2</i>	Kanta, S. Y.	2006	Ad	FISH	38	552	Hum Pathol 37(10): 1333-43.
17q12	<i>ERBB2</i>	Ooi, A.	1998	Ad	FISH	40	396	Lab Invest 78(3): 345-51.
17q12	<i>ERBB2</i>	Kim, M	2007	Int, Diff, Mix	FISH	19	248	Hum Pathol 38(9): 1386-93.

17q12	<i>ERBB2</i>	Yano, T.	2006	Int	FISH	54	199	Oncol Rep 15(1): 65-71.
17q12	<i>ERBB2</i>	Park, D. I.	2006	Int, Diff	CISH, FISH	7	182	Dig Dis Sci 51(8): 1371-9.
17q12	<i>ERBB2</i>	Tanner, M.	2005	Ad	CISH	16	131	Ann Oncol 16(2): 273-8.
17q12	<i>ERBB2</i>	Nakajima, M.	1999	Int, Diff	Southern blot	15	128	Cancer 85(9): 1894-902.
17q12	<i>ERBB2</i>	Amadori, D.	1997	Int, Diff, Mix	Southern blot	11	124	Cancer 79(2): 226-32.
17q12	<i>ERBB2</i>	Ishikawa, T.	1997	Ad	FISH, Southern blot	19	105	Am J Pathol 151(3): 761-8.
17q12	<i>ERBB2</i>	Tsujino, T.	1990	n.s.	Southern blot	4	89	Br J Cancer 62(2): 226-30.
19q12	<i>CCNE1</i>	Akama, Y.	1995	n.s.	Southern blot	7	45	Jpn J Cancer Res 86(7): 617-21.
19q12	<i>CCNE1</i>	Schraml, P.	2003	Ad	FISH	5	36	J Pathol 200(3): 375-82.

Colorectal cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
8q24	<i>MYC</i>	Al-Kuraya, K.	2006	n.s.	FISH(TMA)	53	399	J Clin Pathol 60(7): 768-72.
8q24	<i>MYC</i>	Augenlicht, L. H.	1997	n.s.	Dot blot	48	149	Cancer Res 57(9): 1769-75.
8q24	<i>MYC</i>	Smith, D. R.	1993	n.s.	Southern blot	0	100	Br J Cancer 68(2): 407-13.
8q24	<i>MYC</i>	Kruszewski, W.	2004	Ad	SQ-PCR	13	71	Folia Histochem Cytobiol 42(3): 173-9.
8q24	<i>MYC</i>	Masramon, L.	1998	n.s.	DNA fluorescence	18	70	Br J Cancer 77(12): 2349-56.
8q24	<i>MYC</i>	Matsumura, T.	1990	n.s.	Southern blot	1	52	Pathol Res Pract 186(2): 205-11.
8q24	<i>MYC</i>	Meltzer, S. J.	1987	n.s.	Southern blot	3	45	Gastroenterology 92(5 Pt 1): 1174-80.
8q24	<i>MYC</i>	Dolcetti, R.	1988	n.s.	DNA hybridization	1	44	Eur J Cancer Clin Oncol 24(8): 1321-8.
8q24	<i>MYC</i>	Obara, K.	2001	Ad	FISH	9	43	Int J Oncol 18(2): 233-9.
8q24	<i>MYC</i>	Schraml, P.	1999	n.s.	FISH	3	29	Clin Cancer Res 5(8): 1966-75.
11q13	<i>CCND1</i>	Al-Kuraya, K.	2006	n.s.	FISH(TMA)	13	479	J Clin Pathol 60(7): 768-72.
11q13	<i>CCND1</i>	Bondi, J.	2005	Ad	Q-PCR	115	209	J Clin Pathol 58(5): 509-14.
11q13	<i>CCND1</i>	Bahnassy, A. A.	2004	n.s.	Southern blot	22	60	BMC Gastroenterol 4: 22.
11q13	<i>CCND1</i>	Kitahara, K.	1995	n.s.	Southern blot	0	53	Int J Cancer 62(1): 25-8.
11q13	<i>CCND1</i>	Schraml, P.	1999	n.s.	FISH	0	24	Clin Cancer Res 5(8): 1966-75.

19q12	<i>CCNE1</i>	Bondi, J.	2005	Ad	Q-PCR	39	204	J Clin Pathol 58(5): 509-14.
19q12	<i>CCNE1</i>	Schraml, P.	2003	Ad	FISH	1	85	J Pathol 200(3): 375-82.
19q12	<i>CCNE1</i>	Kitahara, K.	1995	n.s.	Southern blot	5	53	Int J Cancer 62(1): 25-8.
20q13	<i>ZNF217</i>	Rooney, P. H.	2004	n.s.	Q-PCR	61	100	J Pathol 204(3): 282-8.
20q13	n.s.	Aust, D. E.	2004	n.s.	FISH	78	146	Scand J Gastroenterol 39(8): 766-72.
20q13	<i>ZNF217</i>	Hidaka, S.	2000	n.s.	FISH	2	35	Clin Cancer Res 6(7): 2712-7.

Pancreatic cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
17q12	<i>ERBB2</i>	Yamanaka, Y.	1993	n.s.	Southern blot	0	76	Hum Pathol 24(10): 1127-34.
17q12	<i>ERBB2</i>	Tsiambas, E.	2006	Ad	CISH	8	50	Jop 7(3): 283-94.
17q12	<i>ERBB2</i>	Stoecklein, N. H.	2004	Ad	CISH	12	50	J Clin Oncol 22(23): 4737-45.
17q12	<i>ERBB2</i>	Saxby, A. J.	2005	Ad	FISH	1	30	Am J Surg Pathol 29(9): 1125-34.
17q12	<i>ERBB2</i>	Talar-Wojnarowska, R.	2005	Ad	PCR	17	26	Int J Gastrointest Cancer 35(1): 33-41.
19q13	<i>AKT2</i>	Ruggeri, B. A.	1998	Ad	Southern blot	7	35	Mol Carcinog 21(2): 81-6.
19q13	n.s.	Kuuselo, R.	2007	Ad	FISH	3	31	Cancer Res 67(5): 1943-9.
19q13	<i>AKT2</i>	Miwa, W.	1996	n.s.	Southern blot	3	20	Biochem Biophys Res Commun 225(3): 968-74.

Sq, squamous cell carcinoma; Ad, adenocarcinoma; Sig, signet ring cell carcinoma; Sci, scirrhous carcinoma; Int, intestinal type (Lauren's classification); Diff, diffuse type (Lauren's classification); Mix, mixed type (Lauren's classification); n.s., not specified; Q-PCR, quantitative polymerase chain reaction; FISH, fluorescent in situ hybridization; CISH, chromogenic in situ hybridization; aCGH, array comparative genomic hybridization; SQ-PCR, semi-quantitative polymerase chain reaction; TMA, tissue microarray; *, page number was not allocated.

Supplementary Table S3. Reports of homozygous deletions.

Esophageal cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
3p14	<i>FHIT</i>	Mimori, K.	2003	Sq	PCR	17	29	Oncology 64(3): 275-9.
3p14	<i>FHIT</i>	Michael, D.	1997	Ad	Southern blot	4	20	Oncogene 15(14): 1653-9.
9p21	<i>CDKN2A</i>	Xing, E. P.	1999	Sq	comparative multiplex PCR	10	60	Carcinogenesis 20(1): 77-84.
9p21	<i>CDKN2A</i>	Tokugawa, T.	2002	Sq	PCR	8	42	Cancer Res 62(17): 4938-44.
9p21	<i>CDKN2A</i>	Esteve, A.	1996	Sq, Ad	Southern blot	0	36	Int J Cancer 66(3): 301-4.
9p21	<i>CDKN2A</i>	Maesawa, C.	1996	Sq	comparative multiplex PCR	5	31	Cancer Res 56(17): 3875-8.
9p21	<i>CDKN2A</i>	Smeds, J.	2002	Sq	real time PCR	3	21	Carcinogenesis 23(4): 645-55.

Gastric cancer

Locus	Gene	Author	Year	Histology	Method	Positive	Total	Reference
9p21	<i>CDKN2A</i>	Wu, M. S.	1996	Ad	Southern blot	5	55	Jpn J Cancer Res 87(10): 1052-5.
9p21	<i>CDKN2A</i>	Tang, S.	2003	Ad, Muc	PCR	17	48	Chin Med J (Engl) 116(7): 1083-7.
9p21	<i>CDKN2A</i>	Zhao, G. H.	2003	Int, Diff	PCR	5	40	World J Gastroenterol 9(5): 905-9.
9p21	<i>CDKN2A</i>	Lee, Y. Y.	1997	Ad	Southern blot	0	36	Cancer 80(10): 1889-96.
9p21	<i>CDKN2A</i>	Ding, Y.	2003	n.s.	PCR	4	20	World J Gastroenterol 9(3): 423-6.

Sq, squamous cell carcinoma; Ad, adenocarcinoma; Int, intestinal type (Lauren's classification); Diff, diffuse type (Lauren's classification); Muc, mucinous carcinoma; n.s., not specified; PCR, polymerase chain reaction

Supplementary Table S4. Reports of gene mutations.

Esophageal cancer

Gene	Author	Year	Histology	Method	Positive	Total	Reference
<i>CDKN2A</i>	Wong, D. J.	2001	Ad	sequence	16	107	Cancer Res 61: 8284-9.
<i>CDKN2A</i>	Giroux, M. A.	2002	Sq	sequence	6	100	Eur J Gastroenterol Hepatol 14: 15-8.
<i>CDKN2A</i>	Gamielien, W.	1998	Sq	sequence	16	76	Int J Cancer 78: 544-9.
<i>CDKN2A</i>	Roncalli, M.	1998	Ad, Sq	SSCP, sequence	2	64	Lab Invest 78: 1049-57.
<i>CDKN2A</i>	Suzuki, H.	1995	Sq	sequence	8	60	Hum Mol Genet 4: 1883-7.
<i>CDKN2A</i>	Hu, N.	2004	Sq	sequence	14	56	Genes Chromosomes Cancer 39: 205-16.
<i>CDKN2A</i>	Xing, E. P.	1999	Sq	sequence	0	40	Clin Cancer Res 5: 2704-13.
<i>CDKN2A</i>	Maesawa, C.	1996	Sq	sequence	1	31	Cancer Res 56: 3875-8.
<i>CDKN2A</i>	Mori, T.	1994	Sq	sequence	14	27	Cancer Res 54: 3396-7.
<i>CDKN2A</i>	Chan, W. C.	1997	Sq	sequence	3	25	Cancer Lett 115: 201-6.
mtDNA	Kumimoto, H.	2004	Sq	sequence	13	38	Int J Cancer 108: 228-31.
mtDNA	Hibi, K.	2001	Sq	sequence	2	37	Int J Cancer 92: 319-21.
mtDNA	Abnet, C. C.	2004	Sq	sequence	7	21	BMC Cancer 4: 30.
mtDNA	Tan, D. J.	2006	Sq, Ad, AdSq	sequence	9	20	BMC Cancer 6: 93.
<i>TP53</i>	Lung, M. L.	1996	Sq	SSCP, sequence	87	209	Cancer Epidemiol Biomarkers Prev 5: 277-84.
<i>TP53</i>	Putz, A.	2002	Sq	SSCP, sequence	49	135	Int J Cancer 98: 99-105.
<i>TP53</i>	Zhang, L.	2003	Sq	DHPLC, sequence	61	119	Carcinogenesis 24: 1039-44.
<i>TP53</i>	Sepehr, A.	2001	Sq	TTGE, sequence	49	98	Oncogene 20: 7368-74.
<i>TP53</i>	Cao, W.	2004	Sq	SSCP, sequence	29	92	Cancer 101: 834-44.
<i>TP53</i>	Casson, A. G.	2003	Ad	SSCP, sequence	52	91	J Thorac Cardiovasc Surg 125: 1121-31.
<i>TP53</i>	Gamielien, W.	1998	Sq	SSCP, sequence	13	76	Int J Cancer 78: 544-9.
<i>TP53</i>	Hattori, K.	2003	Sq	sequence	14	76	Dis Esophagus 16: 301-6.
<i>TP53</i>	Biramijamal, F.	2001	Sq	sequence	48	74	Cancer Res 61: 3119-23.
<i>TP53</i>	Shibagaki, I.	1995	Sq	SSCP, sequence	29	72	Clin Cancer Res 1: 769-73.

Gastric cancer

Gene	Author	Year	Histology	Method	Positive	Total	Reference
<i>APC</i>	Yamazaki, K.	2006	n.s.	SSCP	48	342	World J Gastroenterol 12(24): 3803-9.
<i>APC</i>	Tajima, Y.	2007	Ad	SSCP, sequence	17	121	Br J Cancer 96(4): 631-8.
<i>APC</i>	Lee, J. H.	2002	Ad	sequence	3	69	Am J Pathol 161: 611-8.
<i>APC</i>	Nakatsuru, S.	1992	Ad	sequence	12	57	Hum Mol Genet 1: 559-63.
<i>APC</i>	Horii, A.	1992	Ad	sequence	3	44	Cancer Res 52: 3231-3.
<i>APC</i>	Kim, H. C.	2005	Int, Diff	sequence	2	40	J Cancer Res Clin Oncol: 1-8.
<i>APC</i>	Wang, J. Y.	2004	Ad	SSCP, sequence	11	34	J Surg Res 120: 242-8.
<i>APC</i>	Powell, S. M.	1996	Ad	sequence	0	30	Oncogene 12: 1953-9.
<i>APC</i>	Sud, R.	1996	Int, Diff	SSCP	1	26	Br J Cancer 74: 1104-8.
<i>APC</i>	Ogasawara, S.	1994	n.s.	SSCP, sequence	0	24	Virchows Arch 424: 607-11.
mtDNA	Hiyama, T.	2003	Int, Diff	microsatellite assay	16	105	Oncol Rep 10: 1837-41.
mtDNA	Kamalidehghan, B.	2006	Int, Diff	Southern, seq	9	71	Arch Med Res 37(7): 848-53.
mtDNA	Habano, W.	2000	Ad	SSCP	5	62	Gastroenterology 118: 835-41.
mtDNA	Burgart, L. J.	1995	Ad	SSCP, sequence	4	45	Am J Pathol 147: 1105-11.
mtDNA	Lee, H. C.	2005	n.s.	sequence	16	31	Ann N Y Acad Sci 1042: 109-22.
mtDNA	Tamura, G.	1999	Ad	sequence	1	30	Eur J Cancer 35: 316-9.
mtDNA	Zhao, Y. B.	2005	n.s.	sequence	7	20	World J Gastroenterol 11: 3304-6.
<i>TP53</i>	Yamazaki, K.	2006	n.s.	SSCP, sequence	90	342	World J Gastroenterol 12(24): 3803-9.
<i>TP53</i>	Miyamoto, N.	2007	n.s.	SSCP, sequence	95	200	Cancer Lett 254(1): 42-53.
<i>TP53</i>	Uchino, S.	1993	Ad	SSCP, sequence	40	118	Int J Cancer 54: 759-64.
<i>TP53</i>	Soong, R.	1996	n.s.	SSCP	29	116	Hum Pathol 27: 1050-5.
<i>TP53</i>	Lim, B. H.	1996	n.s.	SSCP	32	116	Int J Cancer 69: 200-4.
<i>TP53</i>	Oki, E.	2005	Ad	sequence	19	113	Cancer Lett 227: 33-8.
<i>TP53</i>	Palli, D.	1997	Int, Diff	SSCP, sequence	33	105	Cancer Epidemiol Biomarkers Prev 6: 1065-9.
<i>TP53</i>	Rugge, M.	2000	Int, Diff	SSCP, sequence	8	105	Mol Pathol 53: 207-10.
<i>TP53</i>	Shibata, A.	2002	Ad	SSCP, sequence	29	105	Carcinogenesis 23: 419-24.

TP53 Shiao, Y. H. 1998 Int, Diff SSCP, sequence 33 103 Carcinogenesis 19: 2145-9.

Colorectal cancer

Gene	Author	Year	Histology	Method	Positive	Total	Reference
<i>APC</i>	Luchtenborg, M.	2004	n.s.	sequence	479	665	Carcinogenesis 25(7): 1219-26.
<i>APC</i>	Lovig, T.	2002	n.s.	PTT	144	218	Scand J Gastroenterol 37(10): 1184-93.
<i>APC</i>	Diergaard, B.	2003	n.s.	SSCP, sequence	60	176	Carcinogenesis 24(3): 565-71.
<i>APC</i>	Chiang, J. M.	2004	Ad	PTT, SSCP	57	122	Virchows Arch 445(5): 465-71.
<i>APC</i>	Sugai, T.	2006	n.s.	sequence	11	119	Virchows Arch 445(5): 465-71.
<i>APC</i>	Kaneko, K.	2004	n.s.	SSCP	34	107	Br J Cancer 91(2): 312-8.
<i>APC</i>	Smith, G.	2002	n.s.	sequence	60	106	Proc Natl Acad Sci U S A 99(14): 9433-8.
<i>APC</i>	Wang, J. Y.	2004	n.s.	SSCP, sequence	46	104	World J Surg 28(7): 721-6.
<i>APC</i>	Berger, B. M.	2003	n.s.	sequence	37	101	Diagn Mol Pathol 12(4): 187-92.
<i>APC</i>	Prall, F.	2007	Ad, Muc	sequence	49	99	Histopathology 50(3): 318-30.
<i>BRAF</i>	Ogino, S.	2006	Ad, Muc, Sig	Sequence	72	533	Mod Pathol 19(1): 59-68.
<i>BRAF</i>	Wang, L.	2003	n.s.	Sequence	63	293	Cancer Res 63(17): 5209-12.
<i>BRAF</i>	Li, W. Q.	2006	n.s.	SSCP, sequence	23	275	Mol Cancer 5: 2.
<i>BRAF</i>	Ince, W. L.	2005	n.s.	Sequence	14	250	J Natl Cancer Inst 97(13): 981-9.
<i>BRAF</i>	Oliveira, C.	2007	n.s.	n.d.	20	250	Oncogene 26(1): 158-63.
<i>BRAF</i>	Nagasaka, T.	2004	Ad, Muc	PCR-RFLP	21	234	J Clin Oncol 22(22): 4584-94.
<i>BRAF</i>	Yuen, S. T.	2002	Ad	Sequence	11	215	Cancer Res 62(22): 6451-5.
<i>BRAF</i>	Chang, S. C.	2006	n.s.	Sequence	9	213	Int J Cancer 118(7): 1721-7.
<i>BRAF</i>	Miranda, E.	2006	n.s.	PCR-RFLP	7	202	Br J Cancer 95: 1101-7
<i>BRAF</i>	Weisenberger, D. J.	2006	n.s.	Realtime PCR	26	187	Nat Genet 38(7): 787-93.
<i>KRAS</i>	Slattery, M. L.	2000	n.s.	sequence	457	1428	Cancer Res 60(24): 6935-41.
<i>KRAS</i>	Brink, M.	2004	Ad	sequence	218	608	Carcinogenesis 25(9): 1619-28.
<i>KRAS</i>	Ogino, S.	2006	Ad, Muc, Sig	sequence	176	568	Mod Pathol 19(1): 59-68.
<i>KRAS</i>	Gnanasampanthan, G.	2001	n.s.	SSCP	140	430	J Pathol 195(5): 543-8.
<i>KRAS</i>	Wang, C.	2003	n.s.	SSCP	134	345	Oncology 64(3): 259-65.

<i>KRAS</i>	Lin, J. K.	2006	n.s.	sequence	112	255	J Surg Oncol 94(3): 234-41.
<i>KRAS</i>	Breivik, J.	1994	Ad	OH	99	251	Br J Cancer 69(2): 367-71.
<i>KRAS</i>	Oliveira, C.	2007	n.s.	n.d.	103	250	Oncogene 26(1): 158-63.
<i>KRAS</i>	Finkelstein, S. D.	1993	Ad	sequence	92	247	Arch Surg 128(5): 526-32.
<i>KRAS</i>	Conzelmann, M.	2004	n.s.	RFLP	92	245	Int J Oncol 24(6): 1537-44.
mtDNA	Lievre, A.	2005	n.s.	sequence	140	365	J Clin Oncol 23(15): 3517-25.
mtDNA	Hibi, K.	2001	n.s.	sequence	7	77	Int J Cancer 94(3): 429-31.
mtDNA	Lee, H. C.	2005	n.s.	sequence	10	25	Ann N Y Acad Sci 1042: 109-22.
mtDNA	Heerdt, B. G.	1994	n.s.	sequence	0	24	Cancer Res 54(14): 3912-5.
<i>TP53</i>	Iacopetta, B.	2006	n.s.	SSCP, DGGE, TGGE, sequence	819	2867	Ann Oncol 17(5): 842-7.
<i>TP53</i>	Samowitz, W. S.	2006	Ad	SSCP, sequence	686	1458	Mutat Res 595(1-2): 117-24.
<i>TP53</i>	Goh, H. S.	1999	n.s.	SSCP	166	328	Int J Oncol 15(3): 491-8.
<i>TP53</i>	Westra, J. L.	2005	n.s.	DGGE, sequence	116	220	J Clin Oncol 23(24): 5635-43.
<i>TP53</i>	Chang, S. C.	2006	n.s.	sequence	96	213	Int J Cancer 118(7): 1721-7.
<i>TP53</i>	Miranda, E.	2006	n.s.	SSCP	65	202	Br J Cancer 95: 1101-7
<i>TP53</i>	Diep, C. B.	2003	n.s.	CDGE, sequence	86	196	J Clin Oncol 21(5): 820-9.
<i>TP53</i>	Kressner, U.	1999	n.s.	sequence	99	189	J Clin Oncol 17(2): 593-9.
<i>TP53</i>	Voskuil, D. W.	1999	Ad	SSCP, sequence	59	185	Int J Cancer 81(5): 675-81.
<i>TP53</i>	Tang, R.	2001	n.s.	sequence	57	181	Int J Cancer 91(6): 863-8.

Pancreatic cancer

Gene	Author	Year	Histology	Method	Positive	Total	Reference
<i>CDKN2A</i>	Ohtsubo, K.	2003	Ad	SSCP, sequence	10	57	J Gastroenterol 38: 663-71.
<i>CDKN2A</i>	Gerdes, B.	2002	ductal carcinoma	SSCP, sequence	6	40	Ann Surg 235: 51-9.
<i>CDKN2A</i>	Bartsch, D.	1995	Ad	SSCP, sequence	11	32	Genes Chromosomes Cancer 14: 189-95.
<i>CDKN2A</i>	Huang, L.	1996	Ad	SSCP, sequence	5	30	Cancer Res 56: 1137-41.
<i>CDKN2A</i>	Sugimoto, Y.	1998	Ad, ductal	sequence	0	24	Int J Oncol 13: 669-76.
<i>KRAS</i>	Pernick, N. L.	2003	Ad	OH	150	410	Pancreas 26: 28-32.
<i>KRAS</i>	Porta, M.	1999	exocrine	RFLP	94	121	J Epidemiol Community Health 53: 702-9.

<i>KRAS</i>	Alguacil, J.	2002	exocrine	RFLP	87	107	Carcinogenesis 23: 101-6.
<i>KRAS</i>	Kawesha, A.	2000	Ad	SSCP, sequence	73	97	Int J Cancer 89: 469-74.
<i>KRAS</i>	Song, M. M.	2000	IDC	OH	72	85	J Surg Oncol 75(3): 176-85.
<i>KRAS</i>	Capella, G.	1991	Ad	sequence	63	84	Environ Health Perspect 93: 125-31.
<i>KRAS</i>	Calhoun, E. S.	2003	Ad	sequence	3	83	Am J Pathol 163: 1255-60.
<i>KRAS</i>	Hruban, R. H.	1993	Ad	RFLP, OH	68	82	Am J Pathol 143: 545-54.
<i>KRAS</i>	Scarpa, A.	1994	Ad	sequence	62	77	Int J Cancer 57: 167-71.
<i>KRAS</i>	Dergham, S. T.	1997	Ad	SSCP, OH	55	76	Int J Pancreatol 21: 127-43.
<i>TP53</i>	Soliman, A. S.	2006	Ad	sequence	28	88	Int J Cancer 119:1455-1461
<i>TP53</i>	Dong, M.	2003	IDC	sequence	45	72	J Surg Oncol 82: 111-20.
<i>TP53</i>	Weyrer, K.	1996	Ad	SSCP, sequence	29	71	Lab Invest 74: 279-89.
<i>TP53</i>	Li, Y.	1998	Ad	SSCP, sequence	19	61	Diagn Mol Pathol 7: 4-9.
<i>TP53</i>	Gerdes, B.	2002	ductal carcinoma	SSCP, sequence	15	40	Ann Surg 235: 51-9.
<i>TP53</i>	Nakamori, S.	1995	Ad	SSCP, sequence	16	37	Jpn J Cancer Res 86: 174-81.
<i>TP53</i>	Pellegata, N. S.	1994	ductal carcinoma	DGGE, sequence	18	35	Cancer Res 54: 1556-60.
<i>TP53</i>	Scarpa, A.	1993	Ad	SSCP, sequence	14	34	Am J Pathol 142: 1534-43.
<i>TP53</i>	Yamaguchi, K.	2000	Ad	SSCP	9	31	Am J Gastroenterol 95: 1939-45.
<i>TP53</i>	Berrozpe, G.	1994	n.s.	SSCP, sequence	8	30	Int J Cancer 58: 185-91.

mtDNA, mitochondrial DNA; Sq, squamous cell carcinoma; Ad, adenocarcinoma; AdSq, adenosquamous carcinoma; Int, intestinal type (Lauren's classification); Diff, diffuse type (Lauren's classification); Muc, mucinous carcinoma; Sig, signet ring cell carcinoma; IDC, invasive ductal carcinoma; n.s., not specified; SSCP, single-strand conformation polymorphism; DHPLC, denaturing high-performance liquid chromatography; TTGE, temporal temperature gel electrophoresis; PTT, protein truncation test; RFLP, restriction fragment length polymorphism; OH, oligonucleotide hybridization; DGGE, denaturing gradient gel electrophoresis; TGGE, temperature gradient gel electrophoresis; CDGE, constant denaturant gel electrophoresis

Supplementary Table S5. Reports of aneuploidy.

Esophageal cancer

Reference	Year	Histology	Method	Positive	Total	Reference
Sugimachi, K.	1987	Sq	microspectrophotometry	101	132	Cancer 59(11): 1947-50.
Matsuura, H.	1991	Sq	Cytophotometry	99	128	Cancer 67(5): 1406-11.
Porschen, R.	1993	Sq	FCM	75	126	Gut 34(8): 1086-90.
Wang, L. S.	1999	Sq	FCM	106	117	Am J Gastroenterol 94(7): 1933-40.
Doki, Y.	1993	Sq	FCM	58	103	Cancer 72(6): 1813-8.
Edwards, J. M.	1989	Sq	FCM	70	100	J Pathol 159(1): 35-41.
Chanvitan, A.	1997	Sq	FCM	67	80	Dis Esophagus 10(3): 206-10.
Nakamura, T.	1994	Ad	FCM	69	80	Cancer 73(7): 1785-94.
Minu, A. R.	1994	Sq	microspectrophotometry	58	78	Cancer 74(2): 578-85.
Ruol, A.	1990	Sq	FCM	54	77	Cancer 65(5): 1185-8.

Gastric cancer

Author	Year	Histology	Method	Positive	Total	Reference
Yonemura, Y.	1990	n.s.	FCM	310	493	Cancer Res 50(3): 509-14.
Setala, L. P.	1997	n.s.		104	289	Anal Quant Cytol Histol 19(6): 524-32.
Tsushima, K.	1992	n.s.	FCM	69	277	Surg Oncol 1(1): 17-25.
Lee, J. H.	2001	n.s.	FCM	93	270	Hepatogastroenterology 48(42): 1793-6.
Kimura, H.	1991	n.s.	FCM	150	270	Cancer 67(10): 2588-93.
Korenaga, D.	1988	n.s.	microspectrophotometry	102	254	Cancer 62(2): 309-13.
Victorzon, M	1996	Ad	FCM	93	226	Oncology 53(3): 182-91.
Lee, K. H.	1999	Int, Diff, Mix	FCM	114	217	Br J Cancer 79(11-12): 1727-35.
Sakusabe, M.	1996	Ad, Muc, Sig	FCM	88	216	World J Surg 20(1): 27-31.
Ikeguchi, M.	1999	Int, Diff	ICM	82	202	Ann Surg 229(1): 55-61.
Lee, K. H.	2001	Int, Diff	FCM	93	176	Pathol Res Pract 197(4): 223-9.

Colorectal cancer

Author	Year	Histology	Method	Positive	Total	Reference
Witzig, T. E.	1991	Ad	FCM	341	694	Cancer 68(4): 879-88.
Chen, H. S.	2002	Ad	FCM	396	666	World J Surg 26(5): 626-30.
Tang, R.	1995	n.s.	FCM	312	653	Cancer 76(10): 1724-30.
Armitage, N. C.	1990	n.s.	FCM	211	416	Br J Cancer 62(5): 852-6.
Meling, G. I.	1992	Ad	FCM	246	406	Scand J Gastroenterol 27(12): 1061-8.
Jass, J. R.	1989	n.s.	FCM	265	369	J Clin Pathol 42(3): 254-9.
Garrity, M. M.	2004	n.s.	FCM	242	366	J Clin Oncol 22(9): 1572-82.
Chapman, M. A.	1995	n.s.	FCM	218	363	Cancer 76(3): 383-7.
Ikeguchi, M.	1999	Ad	ICM	228	343	Cancer 86(10): 1944-51.
Yamazoe, Y.	1994	Ad	FCM	189	330	Surg Today 24(1): 30-6.

Pancreatic cancer

Author	Year	Histology	Method	Positive	Total	Reference
Eskelinen, M.	1992	n.s.	FCM	48	95	Scand J Gastroenterol 27(1): 39-43.
Yoshimura, T.	1992	ductal	FCM	38	72	Cancer 70(5): 1069-74.
Weger, A. R.	1990	Ad	FCM, ICM	47	71	Gastroenterology 99(1): 237-42.
Herrera, M. F.	1992	Ad	FCM	32	62	Ann Surg 215(2): 120-4.
Alanen, K. A.	1990	Ad	FCM	38	61	J Pathol 160(4): 313-20.
Weyrer, K.	1996	Ad	ICM	61	61	Lab Invest 74(1): 279-89.
Rugge, M.	1996	n.s.	FCM	39	60	Cancer 77(3): 459-66.
Porschen, R.	1993	Ad	FCM	27	56	Cancer 71(12): 3846-50.
Hytty, M.	1991	Ad	FCM	11	53	Eur J Surg 157(10): 595-600.
Allison, D. C.	1991	Ad	ICM	28	47	Ann Surg 214(6): 648-56.

Sq, squamous cell carcinoma; Ad, adenocarcinoma; Int, intestinal type (Lauren's classification); Diff, diffuse type (Lauren's classification); Mix, mixed type (Lauren's classification); Muc, mucinous carcinoma; Sig, signet ring cell carcinoma; FCM, flow cytometry; ICM, image cytometry