

Table S1.

Author/publication year	Gene name	Polymorphisms	Disease	Study design	Country	Ethnicity	Control type	Genotyping method	Cases AA	Cases AB	Cases BB	Cases Ser/Ser	Cases Ser/CT	Cases Cys/Cys	Controls Ser/Ser	Controls Ser/CT	Controls Cys/Cys	Allele Cases Ser	Allele Cases Cys	controls Ser	controls Cys	Sample size Case	Sample size Control	HWE	NOS score	
Huang 2008	GGG1	rs1052133	biliary tract cancer	case-cont	China	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	96	299	173	268	355	111	299	173	891	577	236	734	yes	6	
Huang 2008	GGG1	rs1052133	biliary tract cancer	case-cont	China	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	66	74	32	289	380	114	206	138	958	608	172	783	yes	6	
Jiao 2007	GGG1	rs1052133	biliary tract cancer	case-cont	China	Asian	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	88	74	42	78	112	19	250	158	268	150	204	209	no	7	
Srivastava 2010	GGG1	rs1052133	biliary tract cancer	case-cont	India	Asian	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	117	92	21	137	82	11	326	134	356	104	230	230	yes	4	
Zeng 2013	GGG1	rs1052133	biliary tract cancer	case-cont	Thailand	Asian	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	25	44	18	24	43	20	94	94	81	83	87	87	yes	7	
Arizona 2008	GGG1	rs1052133	bladder cancer	case-cont	Japan	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	61	107	83	67	135	49	229	273	269	233	251	251	yes	6	
Figuerola 2007	GGG1	rs1052133	bladder cancer	case-cont	Spain	Caucasior	Hospital	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	649	383	56	596	361	61	1681	495	1553	483	1088	1018	yes	7	
Gangwar 2009	GGG1	rs1052133	bladder cancer	case-cont	India	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	92	93	27	122	111	17	277	147	355	145	212	250	yes	6	
Huang 2007	GGG1	rs1052133	bladder cancer	case-cont	USA	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	375	228		348	260						603	608	no	6	
Karahalil 2006	GGG1	rs1052133	bladder cancer	case-cont	Turkey	Caucasior	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	40	47	12	62	20	18	127	71	144	56	99	100	no	6	
Kim 2005	GGG1	rs1052133	bladder cancer	case-cont	Korea	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	37	90	26	38	70	45	164	142	146	160	153	153	yes	6	
Ma 2012	GGG1	rs1052133	bladder cancer	case-cont	China	Asian	Hospital	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	155	551	344	212	676	514	861	1239	1100	1704	1050	1402	yes	7	
Matullo 2006	GGG1	rs1052133	bladder cancer	case-cont	European	Caucasior	Populatic	PE/DHPLC	Ser/Ser	Ser/CT	Cys/Cys	78	40	6	673	371	50	196	52	1717	471	124	1094	yes	8	
Mittal 2012	GGG1	rs1052133	bladder cancer	case-cont	India	Asian	Populatic	ARMS	Ser/Ser	Ser/CT	Cys/Cys	92	93	27	122	111	17	277	147	355	145	212	250	yes	7	
Narter 2009	GGG1	rs1052133	bladder cancer	case-cont	Turkey	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	37	13	8	18	18	0	87	29	54	18	58	36	no	6	
Ramanuj 2014	GGG1	rs1052133	bladder cancer	case-cont	Belarus	Caucasior	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	223	94	18	221	132	13	540	130	574	158	335	366	yes	7	
Wu 2006	GGG1	rs1052133	bladder cancer	case-cont	USA	mixed	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	375	209	29	348	216	36	959	267	912	288	613	600	yes	7	
Cai 2006	GGG1	rs1052133	breast cancer	case-cont	China	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	186	534	382	214	537	416	906	1298	965	1369	1102	1167	yes	6	
Choi 2003	GGG1	rs1052133	breast cancer	case-cont	Korea/Jap	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	105	227	134	111	244	113	437	495	466	470	466	468	yes	6	
Hsu 2010	GGG1	rs1052133	breast cancer	case-cont	Taiwan	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	64	165	172	87	231	215	293	509	405	661	401	533	yes	6	
Kim 2013	GGG1	rs1052133	breast cancer	case-cont	Korea	Asian	Hospital	BeadArray	Ser/Ser	Ser/CT	Cys/Cys	73	181	92	86	185	90	327	365	357	365	346	361	yes	7	
Loizidou 2009	GGG1	rs1052133	breast cancer	case-cont	Cyprus	mixed	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	615	422	71	647	455	72	1652	564	1749	599	1108	1174	yes	6	
Luo 2014	GGG1	rs1052133	breast cancer	case-cont	China	Asian	Populatic	PCR-CITPP	Ser/Ser	Ser/CT	Cys/Cys	42	87	65	45	107	93	171	217	197	293	194	245	yes	7	
Roberts 2011	GGG1	rs1052133	breast cancer	case-cont	USA	mixed	Populatic	MALDI-TOF	Ser/Ser	Ser/CT	Cys/Cys	634	366	54	1125	670	92	1634	474	2920	854	1054	1887	yes	7	
Romanowicz-Makowski	GGG1	rs1052133	breast cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	32	34	4	20	52	34	98	102	92	120	100	106	yes	6	
Rosner 2006	GGG1	rs1052133	breast cancer	case-cont	USA	Caucasior	Populatic	FP-TDI	Ser/Ser	Ser/CT	Cys/Cys	615	375	51	653	385	55	1605	477	1691	495	1041	1093	yes	6	
Sangrajang 2008	GGG1	rs1052133	breast cancer	case-cont	Thailand	Asian	Hospital	HRM	Ser/Ser	Ser/CT	Cys/Cys	112	232	162	104	217	103	456	556	425	423	506	424	yes	6	
Smolarz 2014	GGG1	rs1052133	breast cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	16	39	15	16	38	16	71	69	70	70	70	70	yes	6	
Sterpone 2010	GGG1	rs1052133	breast cancer	case-cont	Italy	Caucasior	Populatic	PCR-SSCP	Ser/Ser	Ser/CT	Cys/Cys	18	23	2	17	15	2	59	27	49	19	43	34	yes	6	
Synowiec 2008	GGG1	rs1052133	breast cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	10	19	12	4	23	21	39	43	31	65	41	48	yes	6	
Vogel 2003	GGG1	rs1052133	breast cancer	case-cont	Denmark	nested ce	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	256	147	22	245	169	20	659	191	659	209	425	434	yes	8
Xie 2013	GGG1	rs1052133	breast cancer	case-cont	China	Asian	Populatic	HRM	Ser/Ser	Ser/CT	Cys/Cys	96	310	224	137	401	239	502	758	675	879	630	777	yes	6	
Zhang 2006	GGG1	rs1052133	breast cancer	case-cont	USA	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	967	532	72	760	424	60	2466	676	1944	544	1571	1244	yes	6	
Brevik 2010	GGG1	rs1052133	colorectal cancer	case-cont	USA	mixed	Family	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	172	117	19	217	127	18	461	155	561	163	308	362	yes	6	
Canbay 2011	GGG1	rs1052133	colorectal cancer	case-cont	Turkey	Caucasior	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	31	40	8	171	69	7	102	56	411	83	79	247	yes	7	
Curtin 2009	GGG1	rs1052133	colorectal cancer	case-cont	USA	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	918	570	94	1172	686	93	2406	758	3030	872	1582	1951	yes	6	
Engin 2010	GGG1	rs1052133	colorectal cancer	case-cont	Turkey	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	50	43	17	51	47	18	143	77	149	83	110	116	yes	6	
Gil 2012	GGG1	rs1052133	colorectal cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	87	41	4	67	33	0	215	49	167	33	132	100	no	6	
Hansen 2005	GGG1	rs1052133	colorectal cancer	case-cont	Norway	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	101	55	9	208	164	24	257	73	580	212	165	396	yes	6	
Hansen 2009	GGG1	rs1052133	colorectal cancer	case-cont	Denmark	nested ce	Caucasior	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	220	137	16	467	277	32	577	169	1211	341	373	776	yes	8
Kasahara 2008	GGG1	rs1052133	colorectal cancer	case-cont	Japan	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	17	38	13	39	54	28	72	64	132	110	68	121	yes	6	
Kim 2003	GGG1	rs1052133	colorectal cancer	case-cont	Korea	Asian	Populatic	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	24	66	35	52	131	64	114	136	235	259	125	247	yes	6	
Moreno 2006	GGG1	rs1052133	colorectal cancer	case-cont	Spain	Caucasior	Hospital	Microarray	Ser/Ser	Ser/CT	Cys/Cys	225	114	23	210	104	9	564	160	524	122	362	323	yes	7	
Obtulowicz 2010	GGG1	rs1052133	colorectal cancer	case-cont	Poland	Caucasior	Hospital	PCR-SSCP	Ser/Ser	Ser/CT	Cys/Cys	38	19	17	63	33	1	95	53	159	35	74	97	no	8	
Pardini 2008	GGG1	rs1052133	colorectal cancer	case-cont	Czech	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	336	168	28	331	181	20	840	224	843	221	532	532	yes	6	
Park 2007	GGG1	rs1052133	colorectal cancer	case-cont	Korea	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	91	220	128	120	333	223	402	476	573	779	439	676	yes	6	
Przybyłowska 2013	GGG1	rs1052133	colorectal cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	102	67	3	142	54	4	271	73	338	62	172	200	yes	7	
Sameer 2012	GGG1	rs1052133	colorectal cancer	case-cont	India	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	66	41	7	100	89	11	173	55	289	111	114	200	yes	6	
Sliwinski 2009	GGG1	rs1052133	colorectal cancer	case-cont	Poland	Caucasior	Hospital	PCR-RFLP	Ser/Ser	Ser/CT	Cys/Cys	52	46	2	68	28	4	150	50	164	36	100	100	yes	6	
Stern 2007	GGG1	rs1052133	colorectal cancer	case-cont	Singapore	Asian	Populatic	TaqMan	Ser/Ser	Ser/CT	Cys/Cys	35	152	116	183	537	439	222	384	903	1415	303	1159	yes	8	
Zhang 2014	GGG1	rs1052133	colorectal cancer	case-cont	China	Asian	Hospital	PCR-CITPP	Ser/Ser	Ser/CT	Cys/Cys	44	111	92	48	139	113	199	295	235						

Dhillon 2011	GG1	rs1052133 prostate cancer	case-cont	Australia	Caucasian	Hospital	PCR-RFLP	Ser/Ser	Ser/Cys	Cys/Cys	38	57	21	69	50	12	133	99	188	74	116	131	yes	6
Mittal 2012	GG1	rs1052133 prostate cancer	case-cont	India	Asian	Populatio	ARMS	Ser/Ser	Ser/Cys	Cys/Cys	98	83	14	136	100	14	279	111	372	128	195	250	yes	7
Nam 2005	GG1	rs1052133 prostate cancer	case-cont	Canada	mixed	Hospital	MS	Ser/Ser	Ser/Cys	Cys/Cys	593	350	53	617	386	89	1536	456	1620	564	996	1092	no	9
Nock 2006	GG1	rs1052133 prostate cancer	case-cont	USA	mixed	Family	PCR-RFLP	Ser/Ser	Ser/Cys	Cys/Cys	280	135	24	305	142	31	695	183	752	204	439	478	no	6
Xu 2002	GG1	rs1052133 prostate cancer	case-cont	USA	mixed	Hospital	sequencir	Ser/Ser	Ser/Cys	Cys/Cys	182	106	10	96	63	15	470	126	255	93	298	174	yes	6
Zhang 2010	GG1	rs1052133 prostate cancer	case-cont	USA	mixed	Populatio	MS	Ser/Ser	Ser/Cys	Cys/Cys	126	61	4	118	71	7	313	69	307	85	191	196	yes	7
Zhou 2013	GG1	rs1052133 prostate cancer	case-cont	China	Asian	Hospital	PCR-RFLP	Ser/Ser	Ser/Cys	Cys/Cys	22	52	26	29	57	14	96	104	115	85	100	100	yes	5