

ESM Table 1. Characteristics of 20 genetic association studies contributing to the present meta-analyses

First author	Reference no.	Year	Location	Ethnicity	%male in cases	Mean age(SD) in controls	Controls	Genotyping	Cases		Controls		No. of cases
									16189C (%)	16189T (%)	16189C (%)	16189T (%)	
Gill-Randal	1	2001	UK	Western	NA	NA	Hospital	PCR/RFLP and sequencing	15 (10.0)	135 (90.0)	10 (6.7)	139 (93.3)	150
Poulton	2	2002	UK	Western	NA	58.9 (11.0)	General	PCR/RFLP and sequencing	2 (15.4)	11 (84.6)	22 (18.2)	99 (81.8)	13
Poulton	3	2002	UK	Western	64	63.0 (8.0)	General	PCR/RFLP and sequencing	46 (9.9)	417 (90.1)	30 (6.4)	439 (93.6)	463
Mohlke	4	2005	US	Western	55.9	50.9 (7.5)	General	PCR/RFLP	90 (13.0)	602 (87.0)	47 (12.7)	324 (87.3)	692
Chinnery	5	2005	UK	Western	NA	NA	General	PCR/RFLP and sequencing	100 (10.1)	892 (89.9)	147 (9.4)	1418 (90.6)	992
Crispim	6	2006	Brazil	Western	NA	NA	General	PCR/RFLP and sequencing	24 (23.8)	77 (76.2)	10 (18.2)	45 (81.8)	101
Saxena	7	2006	US	Western	49.6	60.6 (7.2)	General	PCR/RFLP	NA	NA	NA	NA	3304
Mueller	8	2011	Austria	Western	49.7	51.5 (6.1)	General	multiplex primer extension and sequencing	NA	NA	NA	NA	505
NDCCS	This study	2013	UK	Western	59	59.3 (9.3)	General	Pyrosequencing and sequencing	579 (10.4)	4320 (77.5)	675 (9.7)	5433 (78.2)	5574
Ji	9	2001	China	Asian	53.5	48.0 (9.0)	General	PCR/RFLP and sequencing	105 (29.1)	256 (70.9)	31 (20.5)	120 (79.5)	361
Kim	10	2002	South Korea	Asian	NA	NA	General	PCR/RFLP and sequencing	8 (29.6)	19 (70.4)	46 (28.8)	114 (71.2)	27
Momiyama	11	2003	Japan	Asian	64.8	63.0 (7.8)	General	Sequencing	55 (32.7)	113 (67.3)	22 (22.0)	78 (78.0)	168
Shi	12	2004	China	Asian	45.3	66 (11.0)	General	PCR/RFLP	57 (38.0)	93 (62.0)	46 (29.1)	112 (70.9)	150
Ge	13	2005	China	Asian	51	56.7	General	PCR/RFLP and sequencing	50 (32.3)	105 (67.7)	25 (15.2)	139 (84.8)	155
Tang	14	2006	China	Asian	61.6	60.3 (11.4)	General	PCR/RFLP and sequencing	68 (37.0)	116 (63.0)	80 (28.7)	199 (71.3)	184
Liou	15	2007	Taiwan	Asian	48.7	62.8 (8.3)	Check up	PCR/RFLP and sequencing	229 (38.6)	365 (61.4)	182 (30.7)	410 (69.3)	594
Bhat	16	2007	India	Asian	53.2	50.8 (9.1)	General	PCR/RFLP and sequencing	81 (26.0)	231 (74.0)	79 (17.0)	387 (83.0)	312
Park	17	2008	South Korea	Asian	48.3	60.3 (5.7)	General	PCR/RFLP and sequencing	872 (35.3)	1597 (64.7)	373 (31.0)	832 (69.0)	2469
Liao	18	2008	China	Asian	NA	58.0 (4.0)	General	PCR/RFLP and sequencing	34 (47.2)	38 (52.8)	11 (22.0)	39 (78.0)	72
Chen	19	2009	China	Asian	NA	NA	Check up	PCR/RFLP and sequencing	59 (29.7)	110 (55.3)	58 (28.3)	110 (53.7)	199

NA: not available; 16189C: OriB variant; 16189T: wild type; NDCCS: Norfolk Diabetes Case-Control Study

Reference:

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