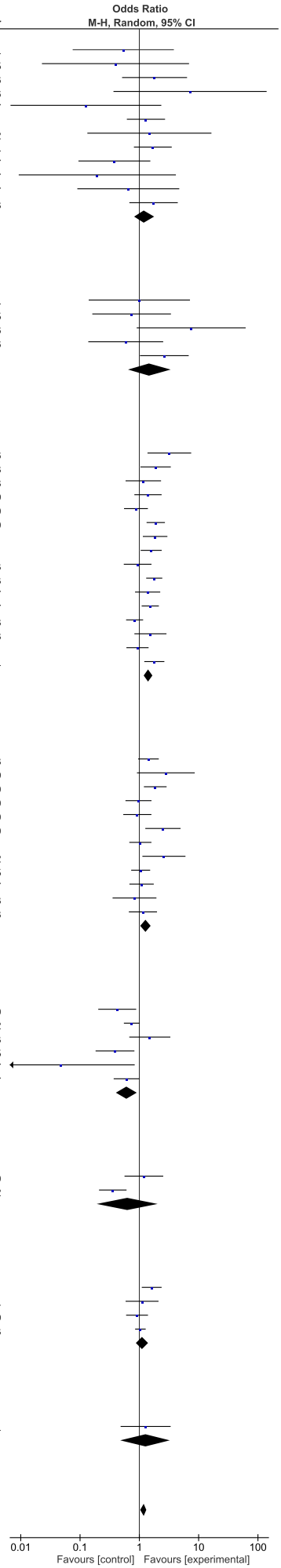Study or Subgroup	Case/Transmitted Events	Case/Transmitted Total	Control/Untransmitted Events	Control/Untransmitted Total	Weight	Odds Ratio M-H, Random, 95% CI	Year
5.4.1 Asian case-control							
Qian Q cca	2	614	2	330	0.4%	0.54 [0.08, 3.82]	2004
Leung PW cca	0	64	9	494	0.2%	0.40 [0.02, 6.89]	2005
Bhaduri N cc	7	100	4	100	0.8%	1.81 [0.51, 6.38]	2006
Cheuk DKL cc	3	128	0	128	0.2%	7.17 [0.37, 140.18]	2006
Cho SO cc	0	214	4	246	0.2%	0.13 [0.01, 2.35]	2007
Das M cc	20	252	12	192	1.6%	1.29 [0.62, 2.71]	2011
Ji SH cc	2	228	1	168	0.3%	1.48 [0.13, 16.43]	2012
Maitra S cc	24	320	11	240	1.6%	1.69 [0.81, 3.52]	2014
Kim H cc	4	510	4	196	0.7%	0.38 [0.09, 1.53]	2017
Stanley A cc	0	88	2	88	0.2%	0.20 [0.01, 4.13]	2017
Kim JI cc	2	134	2	88	0.4%	0.65 [0.09, 4.71]	2017
Hong JH cc	8	300	10	644	1.2%	1.74 [0.68, 4.45]	2018
Subtotal (95% CI)		**2952**		**2914**	**7.6%**	**1.22 [0.83, 1.78]**	
Total events	72		61				
Heterogeneity: Tau² = 0.01; Chi² = 11.15, df = 11 (P = 0.43); I² = 1%							
Test for overall effect: Z = 1.01 (P = 0.31)							
5.4.2 Asian tdt							
Qian Q tua	2	320	2	320	0.4%	1.00 [0.14, 7.14]	2004
Kim YS tu	3	89	4	89	0.6%	0.74 [0.16, 3.41]	2005
Bhaduri N tu	7	94	1	94	0.3%	7.48 [0.90, 62.07]	2006
Cheuk DKL tu	3	122	5	122	0.6%	0.59 [0.14, 2.52]	2006
Das M tu	17	54	8	54	1.2%	2.64 [1.03, 6.80]	2011
Subtotal (95% CI)		**679**		**679**	**3.1%**	**1.49 [0.65, 3.44]**	
Total events	32		20				
Heterogeneity: Tau² = 0.32; Chi² = 6.17, df = 4 (P = 0.19); I² = 35%							
Test for overall effect: Z = 0.94 (P = 0.35)							
5.4.3 European-Caucasian case-control							
LaHoste GJ cc	23	78	9	78	1.4%	3.21 [1.37, 7.49]	1996
Rowe DC cc	55	214	18	116	2.0%	1.88 [1.05, 3.39]	1998
Castellanos FX cc	19	82	23	112	1.7%	1.17 [0.59, 2.32]	1998
Comings DE cc	20	104	107	736	2.2%	1.40 [0.82, 2.38]	1999
Hawi Z cc	49	198	48	176	2.5%	0.88 [0.55, 1.39]	2000
Holmes J cca	56	258	113	884	2.8%	1.89 [1.33, 2.70]	2000
Curran S cc	71	266	30	182	2.4%	1.84 [1.15, 2.97]	2001
Mill J cc	57	264	56	378	2.7%	1.58 [1.05, 2.38]	2001
Smith KM cc	41	210	28	136	2.2%	0.94 [0.55, 1.60]	2003
Grady DL cc	64	264	249	1637	3.0%	1.78 [1.31, 2.44]	2003
Shaw P cc	48	204	35	192	2.4%	1.38 [0.85, 2.25]	2007
Gornick MC cc	80	332	96	558	2.9%	1.53 [1.09, 2.13]	2007
Kereszturi E cc	68	346	129	568	2.9%	0.83 [0.60, 1.16]	2008
Johnson KA cc	32	136	20	120	1.9%	1.54 [0.83, 2.87]	2008
Bidwell LC cc	81	400	39	182	2.6%	0.93 [0.61, 1.43]	2011
Perkovic MN cc	84	204	72	256	2.7%	1.79 [1.21, 2.64]	2014
Subtotal (95% CI)		**3560**		**6311**	**38.4%**	**1.41 [1.19, 1.67]**	
Total events	848		1072				
Heterogeneity: Tau² = 0.06; Chi² = 32.56, df = 15 (P = 0.005); I² = 54%							
Test for overall effect: Z = 4.04 (P < 0.0001)							
5.4.4 European-Caucasian tdt							
Smalley SL tu	80	220	63	220	2.7%	1.42 [0.95, 2.13]	1998
Faraone SV tu	12	54	5	54	0.9%	2.80 [0.91, 8.60]	1999
Sunohara GA tu	76	178	51	178	2.5%	1.86 [1.19, 2.88]	2000
Hawi Z tu	38	177	39	177	2.3%	0.97 [0.58, 1.60]	2000
Holmes J tua	38	115	40	115	2.2%	0.93 [0.54, 1.60]	2000
Barr CL tu	32	96	16	96	1.8%	2.50 [1.26, 4.96]	2000
Todd RD tu	65	184	63	183	2.6%	1.04 [0.68, 1.60]	2001
Holmes J tub	24	51	13	51	1.4%	2.60 [1.13, 5.99]	2002
Bakker SC tu	71	390	67	384	2.8%	1.05 [0.73, 1.52]	2005
Gornick MC tu	45	209	42	209	2.4%	1.09 [0.68, 1.75]	2007
Niederhofer H tu	12	72	14	72	1.4%	0.83 [0.35, 1.94]	2008
Kereszturi E tu	38	123	35	125	2.2%	1.15 [0.67, 1.99]	2008
Subtotal (95% CI)		**1869**		**1864**	**25.1%**	**1.28 [1.05, 1.56]**	
Total events	531		448				
Heterogeneity: Tau² = 0.04; Chi² = 17.36, df = 11 (P = 0.10); I² = 37%							
Test for overall effect: Z = 2.49 (P = 0.01)							
5.4.5 Middle Eastern case-control							
Kotler M cc	13	98	26	98	1.6%	0.42 [0.20, 0.88]	2000
Manor I cc	56	360	390	1968	3.0%	0.75 [0.55, 1.01]	2002
Guney E cc	17	100	12	100	1.5%	1.50 [0.68, 3.33]	2013
Shahin O cc	17	58	32	62	1.6%	0.39 [0.18, 0.83]	2015
ElBaz Mohamed F cc	0	100	9	100	0.2%	0.05 [0.00, 0.83]	2017
Tabatabaei SM cc	30	260	46	260	2.3%	0.61 [0.37, 1.00]	2017
Subtotal (95% CI)		**976**		**2588**	**10.2%**	**0.62 [0.41, 0.93]**	
Total events	133		515				
Heterogeneity: Tau² = 0.13; Chi² = 11.37, df = 5 (P = 0.04); I² = 56%							
Test for overall effect: Z = 2.32 (P = 0.02)							
5.4.6 Middle Eastern tdt							
Tahir E tu	21	66	18	64	1.6%	1.19 [0.56, 2.53]	2000
Manor I tu	43	115	72	115	2.2%	0.36 [0.21, 0.61]	2002
Subtotal (95% CI)		**181**		**179**	**3.8%**	**0.63 [0.19, 2.06]**	
Total events	64		90				
Heterogeneity: Tau² = 0.62; Chi² = 6.58, df = 1 (P = 0.01); I² = 85%							
Test for overall effect: Z = 0.76 (P = 0.45)							
5.4.7 South American case-control							
Roman T cc	66	251	68	376	2.7%	1.62 [1.10, 2.37]	2001
Arcos-Burgos M cc	26	102	24	102	1.9%	1.11 [0.59, 2.11]	2004
Martinez-Levy G cc	72	210	61	168	2.6%	0.92 [0.60, 1.40]	2009
Tovo-Rodrigues L ccb	131	594	1114	5218	3.4%	1.04 [0.85, 1.28]	2013
Subtotal (95% CI)		**1157**		**5864**	**10.6%**	**1.13 [0.90, 1.43]**	
Total events	295		1267				
Heterogeneity: Tau² = 0.02; Chi² = 4.82, df = 3 (P = 0.19); I² = 38%							
Test for overall effect: Z = 1.05 (P = 0.29)							
5.4.8 South American tdt							
Arcos-Burgos M tu	11	56	9	56	1.1%	1.28 [0.48, 3.37]	2004
Subtotal (95% CI)		**56**		**56**	**1.1%**	**1.28 [0.48, 3.37]**	
Total events	11		9				
Heterogeneity: Not applicable							
Test for overall effect: Z = 0.49 (P = 0.62)							
Total (95% CI)		**11430**		**20455**	**100.0%**	**1.19 [1.05, 1.35]**	
Total events	1986		3482				
Heterogeneity: Tau² = 0.11; Chi² = 140.03, df = 57 (P < 0.00001); I² = 59%							
Test for overall effect: Z = 2.69 (P = 0.007)							
Test for subgroup differences: Chi² = 15.68, df = 7 (P = 0.03), I² = 55.4%