

Table 1
Characteristics of the included studies for meta-analysis

Study	Ethnicity	Country	Age at onset (years)	Case age /Control age (years)	Genotyping method	Cases(familial /sporadic)	Controls(familial /sporadic)	Cases carry C9 repeat expansions(familial /sporadic)	Cases carry C9 intermediate repeats(familial /sporadic)	Controls carry C9 repeat expansions(familial /sporadic)	Controls carry C9 intermediate repeats(familial /sporadic)	Diagnostic criteria	NOS score
Majounie et al. (2012)			60–97		rpPCR	771 (771/0)	223	6		2		NINCDS-ADRDA	5
Rogaeva et al. (2012)	Caucasian	European countries or North American countries	72.1±9.4		rpPCR	424 (167/257)	602	0	4	0	6	NINCDS-ADRDA	7
Rollinson et al. (2012)				37–90/26–78	rpPCR	568	314	0	1	0		NINCDS-ADRDA	4
Wojtas et al. (2012)	Caucasian		59.8±7.0		rpPCR	227 (128/99)	641	2		0		NINCDS-ADRDA	5
Beck et al. (2013)					rpPCR, Southern blot	904	7579	11		11			4
Cacace et al. (2013)	Caucasian	Flanders	74.5±8.9	/65.1±13.6	rpPCR	1217	1119	5 (4/)		0		NINCDS-ADRDA	7
Harms et				75.8±	rpPCR,	872 (872/0)	888	5 (5/)		1 (1/)		NINCDS-ADRDA	8

al. (2013)				8.9/71.41 ±6.7	southern blot												
Jiao et al. (2013)	Asian	China	70.1±10.0	72.4±12.0/57.1±13.7	rpPCR	279(0/279)	314	0	0	0	0	NINCDS-ADRDA	6				
Kohli et al. (2013)	Caucasian /African	European countries/African American countries	70.84±8.34/73.08±8.65	73.39±7.71/69.54±6.83	rpPCR	1184/291	1039/620		11(11/0)		0(0/0)	NINCDS-ADRDA	8		/:different countries		
Lin et al. (2014)	Asian	China	55.0±4.5	64.1±4.5、50.6±4.2/60.6±11.9	rpPCR	68(0/61+7)	485	0	0	0	1	NINCDS-ADRDA	4				