

**Additional file 3** Comparison of the present data with previously published findings on the frequencies of mtDNA haplogroups among AD patients and controls, and relative risk (RR) values for the mtDNA haplogroups among patients with AD.

<b>Haplogroup</b>	<b>Chinnery et al. 2000</b>			<b>Carrieri et al. 2001</b>			<b>Mancuso et al. 2007</b>			<b>Maruszak et al. 2008</b>			<b>Krüger et al. 2009</b>		
	Patients	Controls	RR	Patients	Controls	RR	Patients	Controls	RR	Patients	Controls	RR	Patients	Controls	RR
	(%)	(%)		(%)	(%)		(%)	(%)		(%)	(%)		(%)	(%)	
<b>H</b>	47.6	41.3	1.15	43.2	34.1	1.27	43.8	41.4	1.06	51.4	42.8	1.20	43.8	34.3	1.28
<b>I</b>	1.6	1.7	0.94	n.d.	n.d.	-	2.4	1.6	1.50	1.8	2.0	0.90	0.0	0.0	0.00
<b>J</b>	9.2	14.0	0.66	8.5	7.8	1.09	8.1	7.3	1.11	7.2	11.5	0.63	5.5	2.0	2.75
<b>K</b>	11.4	11.7	0.97	5.6	9.5	0.59	5.7	8.9	0.64	3.2	4.8	0.67	3.9	3.0	1.30
<b>T</b>	8.6	10.1	0.85	15.5	11.7	1.32	7.1	10.5	0.68	8.6	9.5	0.91	5.5	8.1	0.68
<b>U</b>	18.4	17.9	1.03	11.3	11.2	1.01	13.8	12.6	1.10	12.2	17.1	0.71	32.0	34.3	0.93
<b>V</b>	n.d.	n.d.	-	n.d.	n.d.	-	4.3	2.1	2.05	2.7	2.8	0.96	4.7	6.1	0.77
<b>W</b>	1.6	0.6	2.67	n.d.	n.d.	-	2.4	2.1	1.14	4.0	1.2	3.33	3.9	8.1	0.48
<b>X</b>	n.d.	n.d.	-	n.d.	n.d.	-	4.3	2.6	1.65	1.8	2.4	0.75	0	1.0	0.00
<b>Other</b>	1.6	2.8	0.57	16.0	25.7	0.62	8.1	10.9	0.74	7.2	5.9	1.22	0.8	3.1	0.26
<b>Total n</b>	185	179		213	179		209	191		222	252		128	99	