

**Supplement Table 1.** The distribution of the sizes of the *HTT* CAG repeats in 410 ALS patients and 1514 control individuals

Repeat sizes	ALS		Controls	
	allele numbers	%	allele numbers	%
9	2	0.24	4	0.13
10	0	0.00	2	0.07
11	0	0.00	0	0.00
12	0	0.00	7	0.23
13	1	0.12	3	0.10
14	5	0.61	13	0.43
15	22	2.68	88	2.91
16	37	4.51	131	4.33
17	451	55.00	1768	58.39
18	128	15.61	611	20.18
19	50	6.10	137	4.52
20	53	6.46	69	2.28
21	22	2.68	35	1.16
22	7	0.85	45	1.49
23	10	1.22	28	0.92
24	13	1.59	36	1.19
25	4	0.49	15	0.50
26	3	0.37	10	0.33
27	5	0.61	6	0.20
28	4	0.49	10	0.33
29	0	0.00	3	0.10
30	0	0.00	0	0.00
31	1	0.12	0	0.00
32	1	0.12	0	0.00
33	0	0.00	2	0.07

34	0	0.00	3	0.10
35	0	0.00	0	0.00
36	0	0.00	0	0.00
37	0	0.00	2	0.07
38	0	0.00	0	0.00
39	1	0.12	0	0.00
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Total	820	100	3028	100
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