

Table S1 Primers for PCR amplification/sequencing of *SOD1* exons and a GGGGCC repeat in *C9ORF72*

	Primer	Sequence (5' -> 3')	Primer for sequencing (5' -> 3')
Exon 1	Ex1_fwd	CGGAGGTCTGGCCTATAAAGTAGTCGCGGAGAC	Ex1_rev2
	Ex1_rev	GATCTTCAAATAAGCTAACTGTGCACCCAAAG	CTGACCTAGAGCGCTGAAGCCGGAAAGCGG
Exon 2	Ex2_fwd	ATTTGGACACAGATTTTCCACTCCCAAGTCTGGC	Ex2_rev2
	Ex2_rev	GTTTTCCCAGGCACAGTGGCTCACACATGTAATC	GGGTTTTAACGTTTAGGGGC
Exon 3	Ex3_fwd	CAGAAGTCGTGATGCAGGTCAGCACTTTCTCCATG	Ex3_fwd
	Ex3/4_rev	GGGACAACAGCTTCCCACAAGTTAAACAAGTC	CAGAAGTCGTGATGCAGGTCAGCACTTTCTCCATG
Exon 4	Ex3_fwd	CAGAAGTCGTGATGCAGGTCAGCACTTTCTCCATG	Ex4_fwd
	Ex3/4_rev	GGGACAACAGCTTCCCACAAGTTAAACAAGTC	GAAGCCTTGTTTGAAGAGCTGTATTTAGAATGCC
Exon 5	Ex4_fwd	GAAGCCTTGTTTGAAGAGCTGTATTTAGAATGCC	Ex4/5_rev
	Ex4/5_rev	CAGGTA CTTTAAAGCAACTCTGAAAAAGTCACAC	CAGGTA CTTTAAAGCAACTCTGAAAAAGTCACAC
<i>C9ORF72</i>	repeat_fwd	CCTGTAGCAAGCTCTGGA AACTCAGG	---
	repeat_rev	AGTAAAAATGCGTCGAGCTCTGAGG	---