

Supplementary File – Table e-1

Table e-1. Sequence variations in *FUS*, *PFN2*, *PL3* and *TDP-43* and their primer characteristics

Gene	Exon/ intron	SNP location	Primer (5'-3')	Annealing temperature (°Celsius)
<i>FUS</i>	Exon 5	Chr16: 31195598 G/A	TGTAATTGGGGTAGGGGAGC	59
			TGGGCTGCAGACAAAGCT	
	Exon 6	Chr16: 31196382 C/T	ACCTTTTCAAACCTTTTAGTGCT	59
			GGCTTCAGGGAGATTCATGC	
<i>PLS3</i>	Intron 1	ChrX: 114827827 C/T	AACTTTTCTCTGTAAATGCTGCA	59
			TCTCAAAGTTAGAGCCTGTCAA	
	Intron 3	ChrX: 114856903 C/T	CCTCGTCTAGTGGGATGTTATAG	61
			TTCACCACGGGAGAGAGAAAC	
	Intron 4	ChrX: 114863725 T/A	CAGCGAAGGAACACAGCATT	59
			CTTGGATGCAACACAGTGGT	
	Intron 7	ChrX: 114869488 G/A	GATCGGTTTGTTCGCTGACA	59
			GTGCAAAATGGTGGAGCTGA	
	Intron 7	ChrX: 114871123 T/C	GAAATGTGAAGAATAACAGAGA AAAG	51.5
			TCTTTCAACAGTTACCTTGATGT C	
<i>PFN2</i>	Intron 2	Chr03: 149684100 C/T; 14968117 T/G	AGTCAAGTCCCAGCTTCCT	63
			AGTTCTGCTGCCTAACTTGC	
	Intron 2	Chr03: 149684100 C/T; 14968117 T/G	GGCTGCTTACACATCAGACC	59
			GACTCTGGGTCTAGCTGCT	
<i>TDP-43</i>	Intron 4	Chr01: 11079077 A/G	ACGATGGTGTGACTGCAAAC	63
			TGGCAAAGATGATGATGTTCCA	

Legend Table e-1: SNP= single nucleotide variant; *FUS*= fused in sarcoma; Chr= chromosome; *PLS3*= plastin 3, *PFN2*= profilin 2, *TDP-43*= Transactive response DNA binding protein 43.