

Partial intron 6 of *SMN1*

5'tcaagtatccccctacccgcctccaaagggtggattttaggcactgcaagaaaaccttaactgcagcctaataattttttttggataacttttaaa  
 F1  
 gtacattaaaagactacaacttaatttcgtatattttgttaataaaaatgttgtggaaacaaaatgttttttaacatccataaaagctatctatatalagctatc  
***SMN1 c.840C>T*** Exon 7 of *SMN1*  
 tatgtcttatagctattttttaactcccttatttccttacag**GGTTTCAGACAAAATCAA****AAGAAGGAAGGTGCTCACATT**CCTT  
 crRNA seed region R1  
 AAATTAAGGA~~gtaagtctgccagcattatgaaagtgaatctactttgtaaaactttatggttgtggaaaacaaaatgttttgaaacattttaaaagttcagatgttaaa  
 aagtgttggaaaggttaatgtaaaacaatattaaagaattttatgtccaaaactatttagataaaaaggttaatctacatccctactagaatttcataacttaactgttgttatgt  
 ggaagaaacatacttcacaataaagagctttaggatatgtccattatcacttagtggcagaccgcagact~~3'

**Figure S1.** Schematic representation of the locations of PCR primers and crRNA seed region. The primers F1 and R1 used for PCR in this study were indicated by green arrows. The *SMN1* c.840C>T was indicated in bold and red. The crRNA seed region was indicated with a red line. The exon 7 of *SMN1* was in gray shadow. The partial intron 6 of *SMN1* was in blue and underlined by a blue line. The partial intron 7 of *SMN1* was in orange and underlined by a orange line.

**Table S1.** Detailed sequences of primers, crRNAs and probes used in this study.

name.	Sequence (5' to 3')
crRNA	taatacgactcaatagg <u>TTCACTGATAAAAGTGGAGAACCGCTTCACCAAA-</u> <u>GCTGTCCCTTAGGGGATTAGAACCTTGAGTGAAGGTGGCTGCTGCATCAGCCTAAT</u> <u>GTCGAGAAGTGCTTCTCGAAAGTAACCCTCGAAACAAATTCAATTgaaa-</u> <u>GAATGAAGGAATGCAACATTGTCTGAAACCCctgtaa</u>
crRNA-F	AAATAAGTAAAATGTCTGTGAAAC
crRNA-SMN1-R	GAATGTGAGCACCTCCTTCTT
F1	AAATAAGTAAAATGTCTGTGAAAC
R1	GAATGTGAGCACCTCCTTCTT
FQ-21nt	5'FAM-TTTTTTTTTTTTTTTTT-3'BHQ-X
FQ-12nt	5'FAM-TTTTTTTTTTT-3'BHQ-X
SMN1-ssDNA	ttaactcccttatttccttacag <u>GGTTTCAGACAAAATCAA</u> <u>AAAGAAGGAAGGTG</u> C