

Brainstem Transcriptomic Changes in Male Wistar Rats after Acute 1
Stress, Comparing the Use of Duplex Specific Nuclease (DSN) 2

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Supplementary materials 5

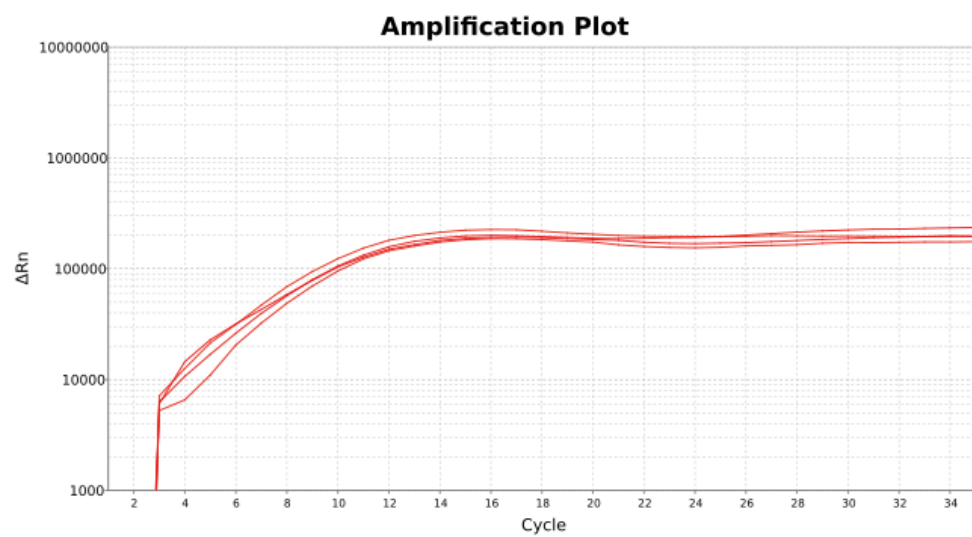


Figure 1: Amplification curves for Mint double stranded libraries preparation

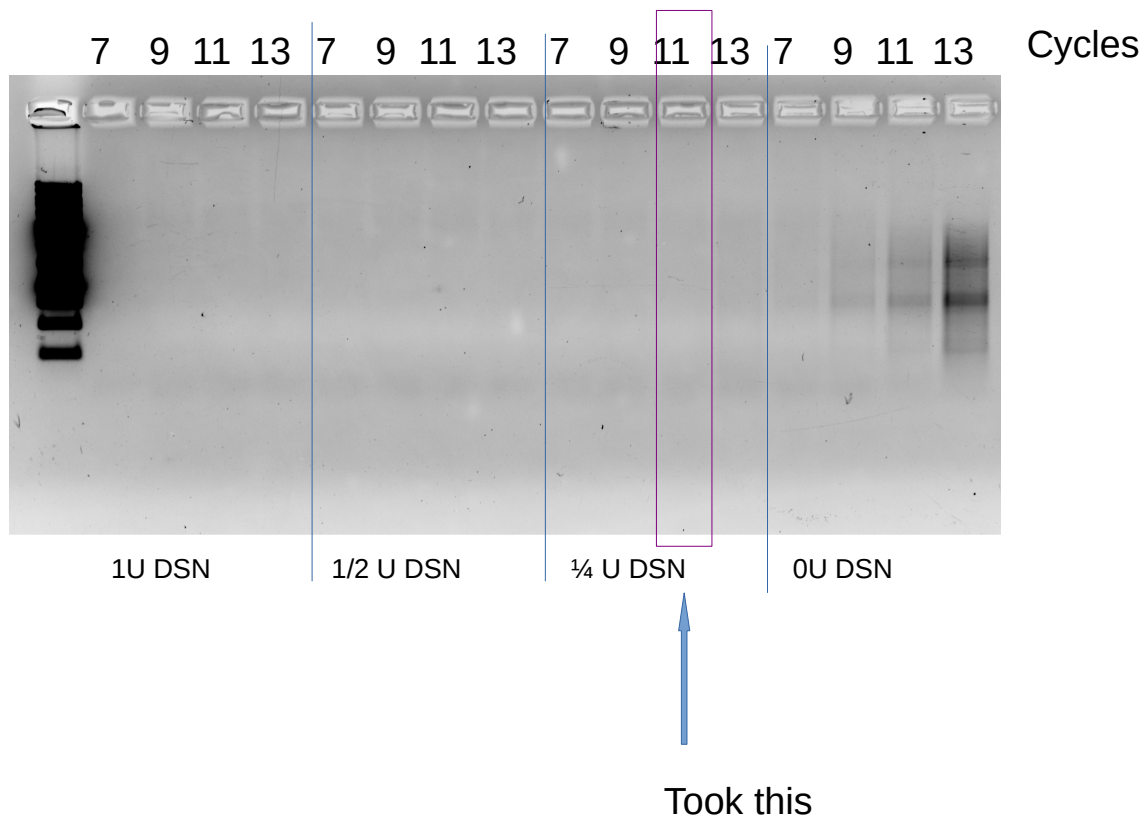


Figure 2: Choosing conditions for DSN treatment according to the Trimmer-2 kit (Evrogen) protocol. 1/4U DSN and 11 amplification cycles was chosen. 1% agarose gel electrophoresis, 1kb DNA ladder

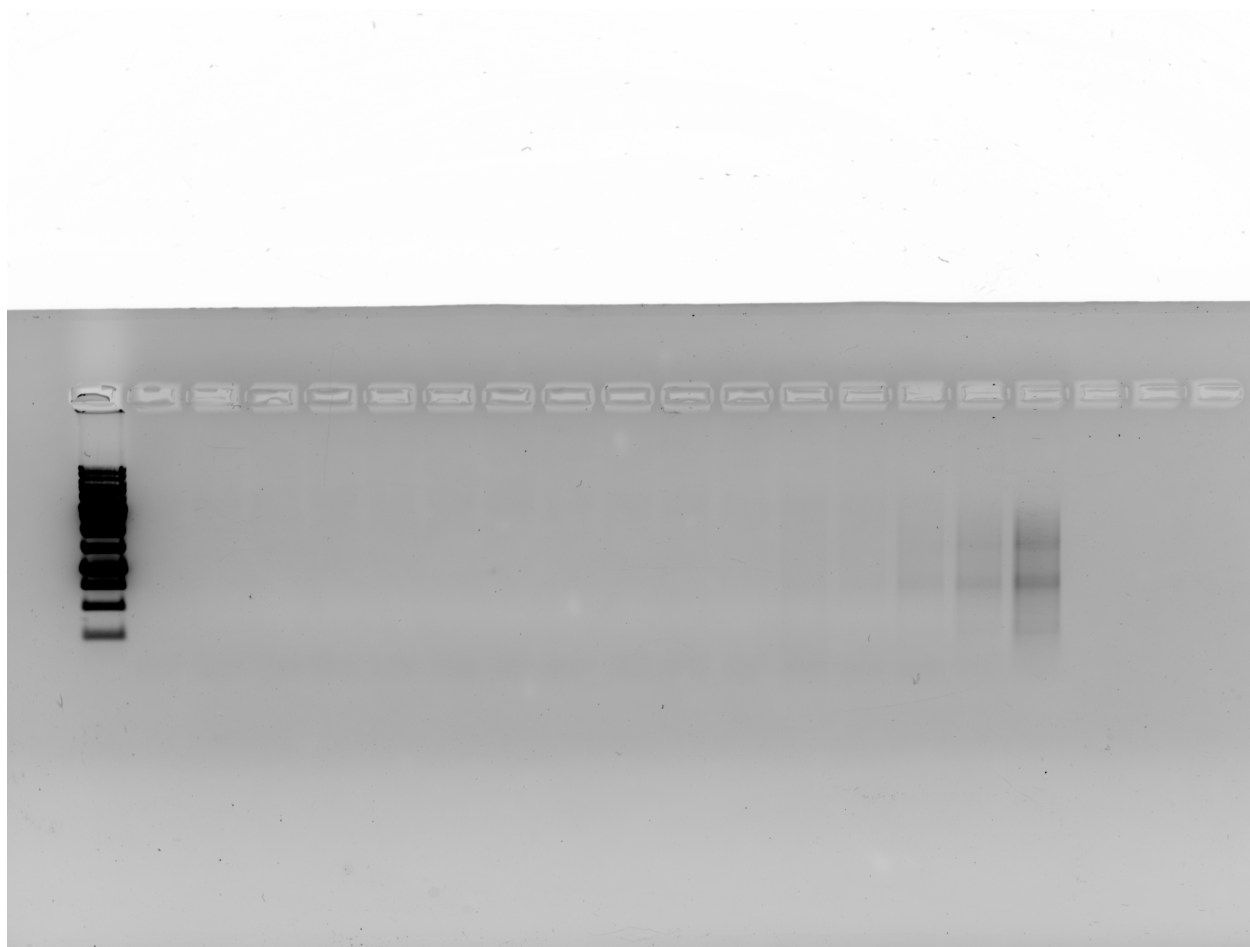
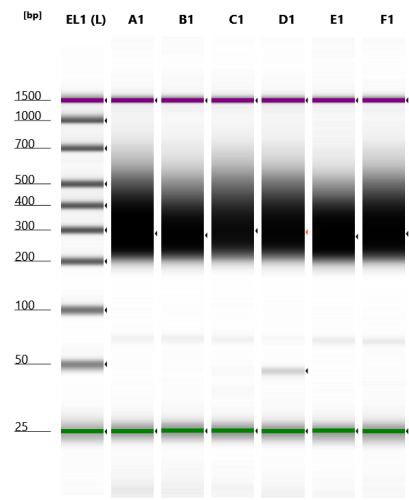


Figure 3: Original agarose gel electrophoresis photo of pic.1

Filename: 1,3,8,16,30,34.HSD1000



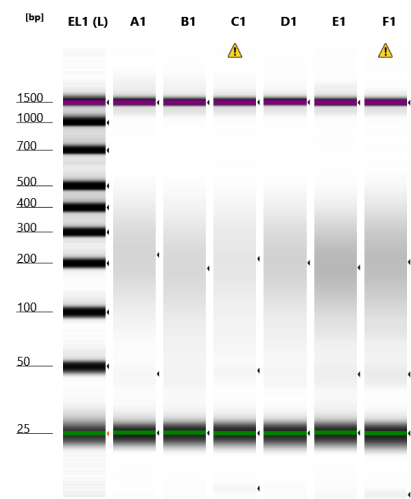
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Sample Info

Well	Conc. [pg/ul]	Sample Description	Alert	Observations
EL1	2350	Electronic Ladder		Ladder
A1	9900	1		
B1	7090	3		
C1	6270	8		
D1	7360	16		
E1	8340	30		
F1	8150	34		

Figure 4: Concentrations and Tape Station profiles of DSN untreated libraries

Filename: 1,3,8,16,30,34.HSD1000



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Sample Info

Well	Conc. [pg/ul]	Sample Description	Alert	Observations
EL1	2350	Electronic Ladder		Ladder
A1	16.7	1		
B1	4.67	3		
C1	15.5	8	⚠	Peak out of Sizing Range
D1	15.7	16		
E1	29.2	30		
F1	36.8	34	⚠	Peak out of Sizing Range

Figure 5: Concentrations and Tape Station profiles of DSN treated libraries

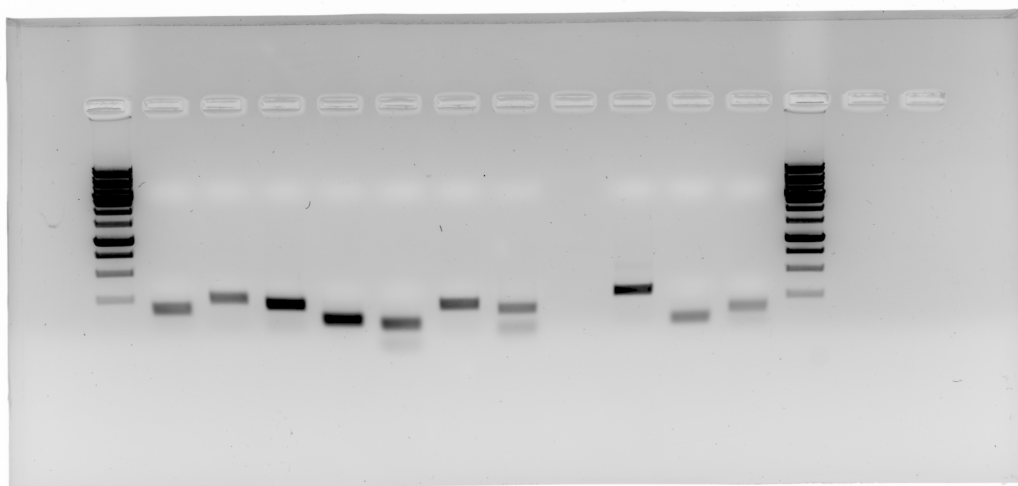


Figure 6: Original gel electrophoresis photo of manuscript figure 16