

**Supplemental Table 1.**

<b>Variable</b>	<b>Description</b>	<b>Results ng/<math>\mu</math>l (260/280)</b>	<b>Electrophoresis Descriptive Results</b>
PBS washes	Three washes of tissues following homogenization and prior to heat treatment to remove fixative.	45.4 (1.75)	PBS washes yielded $\geq 500$ bp DNA species
Temperature	Incubation of tissue following homogenization to enhance protein removal.		95°C treatment yielded $\geq 500$ bp DNA species
95°C		65.42 (1.82)	DNA $\geq 500$ bp
55°C		15.65 (1.58)	DNA $\geq 500$ bp
-80°C		0.015 (1.56)	No bands
Proteinase K Digestion	Digestion at 55°C for 1hr following tissue homogenization to enhance protein removal.		Proteinase K digestions yielded no discernable DNA bands
0.2 $\mu$ g/ $\mu$ l		0.45 (1.28)	No bands
2.0 $\mu$ g/ $\mu$ l		0.42 (1.23)	No bands
20.0 $\mu$ g/ $\mu$ l		0.55 (1.68)	No bands