

The use of bleach at autopsy will break down and remove DNA. The use of bleach also makes it difficult to test for DNA. The use of bleach causes DNA dropout as well as fragmented DNA. The victims' DNA was also subjected to degradation from sitting in the stomach acids for three days. Some of the primers used to test for the bear loci will also amplify human DNA. When comparing the black bear alleles with the alleles from the wound site (yellow) of the alleles from the black bear were present in the wound site. The wound site was a mixture of the human and bear DNA and the presence of three alleles (green) that were the same from the human sample and the wound site. To ensure public safety, authorities killed the bear in proximity to the victim. [REDACTED]

Genotypic Profile Summary – Suspect black bear, wound sample and human sample showing the alleles that were obtained

Loci	G10P	G10H	CXX20	MU23	MU59	MU50	G100	G101
Bear Tissue	170/ <b>178</b>	238/258	120/ <b>140</b>	162/ <b>174</b>	238/ <b>238</b>	140/140	206/ <b>216</b>	<b>90</b>
Wound Sample	<b>178</b>	222	128, <b>140</b> , <b>148</b>	154, 170, 172, <b>174</b>	234, <b>238</b>	138	202, 206, <b>216</b>	86, <b>108</b>
Human Tissue			<b>148</b>			124		<b>108</b>

**REDACTED: DELIBERATIVE PURSUANT TO NJSA 47:1A-1**