



Loci We Currently Sequence

- We have sequencing primers for the CODIS loci, including Penta D & E, D2S1338, and D19S433.
- We also have sequencing primers for many of the Y-STR loci.



Sample Submissions

- For those that desire more assurances of confidentiality we can have MOUs signed.
- We generally re-type the samples at NIST prior to starting sequencing.
- We may run a monoplex assay (single locus).
- · We return results as PowerPoint slides.
- We thank all of those agencies that have used this free service (thanks to NIJ)!















Variant D2S1338 Allele 12 is within the D16S539 locus

Sequencing results:

Allele 12 [TGCC]₄ [TTCC]₈

Allele 22 [TGCC]₇ [TTCC]₁₂ GTCC [TTCC]₂











D3	S1358 /	Allele	size o	lata
Allele	Average Size bp	sd	N	Difference between Alleles
11	108.6	-	1	
12	112.6	0.04	3	4.0
13	116.7	0.06	3	4.1
14	120.6	0.07	43	3.9
15	124.7	0.09	164	4.1
16	128.8	0.11	174	4.1
17	132.9	0.09	109	4.1
18	137.1	0.06	72	4.2
19	141.4	0.06	3	4.3

D3S1358- 16.2 Allele
16.2 – TCTA [TCTG] ₃ TC [TCTA] ₁₂
14 - TCTA [TCTG] ₂ [TCTA] ₁₁
All bases in the flanking regions of the repeat are concordant through the PowerPlex 16 primer binding sites.







































