FORENSIC BIOLOGY PROTOCOLS FOR FORENSIC STR ANALYSIS

	Editing Codes	
Status:Published		Document ID: 1114
DATE EFFECTIVE 12/13/2016	APPROVED BY Nuclear DNA Technical Leader	PAGE 1 OF 2

EDIT COMMENTS INDEX

CODE	DESCRIPTION
1	Pull-ups or Pull-down of peaks in any color caused by a very high peak of another color in the same basepair range of a sample
2	Shoulder peaks approx. 1-4 bp bigger or smaller than main peak
3a	split peak due to "N" bands
3b	split peak due to matrix over-subtraction
4a	stutter in non-mixtures+
4b	stutter preceding shoulder in a mixture++
4c	>20% stutter w/main peak plateau in non-mixtures
4d	peak classified as -8bp stutter[++++]
4e	peak classified as -2bp artifact[+++++]
5	non-specific artifact[+++]
6	Labels placed on elevated baselines
7	Spikes or peaks present in all colors in one sample
8	Dye artifact occurring at a constant scan position
9	peak classified as primer front; low molecular weight artifacts appearing at the very beginning of a dye color

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-->	Initial peak labels of range removed
*	Peak(s) within basepair range affected by overblown peak(s) label(s) removed[++++++]

+ This edit is applicable for stutter peaks in non-mixtures in +/-4 bp positions for both Identifiler®, MiniFiler®, Yfiler®, and in +/-3 bp positions at DYS392, +/-5 bp positions at DYS438, and +/-6 bp positions at DYS448 for Y STR systems. This edit can only be used for exemplar samples and positive controls with Fusion®.

++ This edit is applicable for stutter peaks preceding a shoulder in a mixture in the -4 bp position for Identifiler and the -3, -4, -5, and -6 bp positions for Y STR Systems as referenced above.

+++ For Yfiler®, this edit is applicable for artifacts in the +/-2 bp position at DYS19.

++++ This edit is applicable for stutter peaks in the -8 position in non-mixtures for all Fusion® samples.

+++++ This edit is applicable for artifact peaks in the +/-2 position in Fusion® commonly seen in some locations such as D1S1656, D13S317, D18S51, D21S11, D7S820, D5S818, D12S391, and D19S433.

++++++ This edit is not applicable for Fusion®