

FORENSIC BIOLOGY PROTOCOLS FOR FORENSIC STR TYPING

GENEMAPPER ID – EDITING CODES		
DATE EFFECTIVE 06-20-2016	APPROVED BY NUCLEAR DNA TECHNICAL LEADER	PAGE 1 OF 1

Editing Codes

Reason for Edit	Edit Code
Pull-ups of peaks in any color caused by a very high peak of another color in the same basepair range of a sample	1
Shoulder peaks approx. 1-4 bp bigger or smaller than main peak	2
Split peak due to "N" bands	3a
Split peak due to matrix over-subtraction	3b
stutter in non-mixtures ⁺	4a
stutter preceding shoulder in a mixture ⁺⁺	4b
>20% stutter w/main peak plateau in non-mixtures	4c

Reason for Edit	Edit Code
Non specific artifacts ⁺⁺⁺	5
Labels placed on elevated baselines	6
Spikes or peaks present in all colors in one sample	7
Dye artifact occurring at a constant scan position	8
Peak outside of printed scan range	9
Initial peak of range removed	-->
Peak(s) within basepair range affected by overblown peak(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 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.