

FORENSIC BIOLOGY PROTOCOLS FOR FORENSIC STR ANALYSIS

Editing Codes		
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**Artifacts listed below should be unlabeled using the comment “artifact” (code “a”)
For additional detail on artifacts, refer to the STR Results Interpretation Manuals for each kit or relevant appendices.**

Artifacts
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
shoulder peaks approx. 1-4 bp bigger or smaller than main peak
split peak due to "N" bands
split peak due to matrix over-subtraction
stutter¹
peak classified as +/-2 bp artifact¹
kit-specific artifact¹
labels placed on elevated baselines
spikes or peaks present in all colors in one sample
dye artifact occurring at a constant scan position
peak classified as primer front; low molecular weight artifacts appearing at the very beginning of a dye color
initial peak labels of range removed (use code “→”)

1. Refer to the appendix for each relevant kit for more information. Promega can also verify if artifacts have been observed within other laboratories. Contact QA for assistance in this verification.