1. Vendor F6C casework DNA profiles are reanalyzed using GeneMarker HID when comparisons are made by CT DSS analysts. See SOP 21.7 for deconvolution and statistical analysis of F6C profiles. See SOP 31.10 for general protocols regarding the qualitative interpretation of vendor generated F6C profiles.

2. The assigned DSS analyst imports the relevant sample files into GeneMarker HID. Document data analysis using QR-16d. See WI-35 for the general GeneMarker HID analysis protocol. The general F6C workflow for vendor data is as described in WI-34 with no STRmix analysis.

3. Analyze peaks ≥ the following vendor analytical thresholds as determined by vendor lab validation data:

a) **Bode Cellmark**

Color	RFU
B	75
G	100
Y	75
R	100
P	90

B) **DNA Labs International**

Color	RFU
B	84
G	93
Y	39
R	42
P	64

4. Determine the number of contributors as described in SOP 31.7. Non-artifact, sub-analytical peaks are used to assess the number of contributors ≥ the following RFU levels for each vendor lab where the level of machine noise and the quality of the profile allows:

a) **Bode Cellmark**

Color	RFU
B	50
G	65
Y	50
R	50
P	50

B) **DNA Labs International**

Color	RFU
B	25
G	25
Y	25
R	25
P	25

5. Document Batch Paperwork review on QR-4a and Case Review on QR-4.