Battelle ExactID® 2.0 is the first and only kit and sequencer-independent next generation sequencing software for forensic DNA analysis. ExactID provides a revolutionary new way to solve cases that have never been solved before. ExactID turns DNA into a witness, a very objective witness.

ExactID ushers in the new era of investigative genetics where the power of DNA sequence data is forensically exploited; all while retaining backward compatibility with mainstream fragment analysis.

This software offers an intuitive and easy to use interface for processing sequence data for forensic applications, and provides analysts a way to view sequencing data in familiar and understandable forensically relevant formats.

ExactID was perfected by Battelle based on expertise gained developing similar forensic applications for the U.S. Government.

**FEATURES**

**Accurate and Reproducible**
A novel non-alignment signal processing method accurately types any allele sequence with > 99% sensitivity and specificity. Concordance to both CE and alternative NGS chemistries.

**Robust Performance**
Any STR allele can be typed, including previously unknown sequences. Capability to provide sequence data in regions flanking the STR repeat.

**Database Functionality**
Provides sequence data back-compatible for STR and Y-STR markers within NDIS database, with corresponding CODIS export files.

**Universal NGS Marker Solution**
Autosomal STR, Y-STR, X-STR, SNP, mtDNA

**Intuitive User Interface**
Friendly interface for basic as well as advanced data interpretation. Easy to use for staff training and technical competency.

**Fast**
Ten second processing for a 100 MB FASTQ file.

**DNA QAS**
Electronic and automated tracking of user analyses.

**ISFG Allele Designation Compatible**
Generates repeatable ISFG-compatible allele designations for STR alleles.

**D21S11 Allele 29.3 Sequence**
TCTATCTATCTATCTATCTGCTGTCT- GTCTGTCTGTCTGTCTATCT
ATCTATATCTATCTATCTATCATCTATC- TATCCATATCTATCTATCTATC
TATCTATCTATCTATCTATCT

**ISFG Designation Produced by ExactID**
[TCTA]_4[TCTG]_6[TCTA]_3TA[TCTA]_3
TCA[TCTA]_2TCCATA[TCTA]_9
Translate Sequence Data into Recognizable Graphic Displays