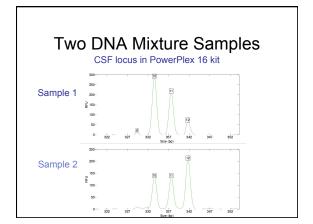
Combining DNA Evidence for Greater Match Information

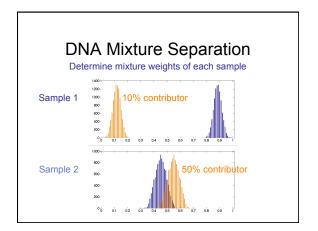
American Academy of Forensic Sciences February, 2012 Atlanta, GA

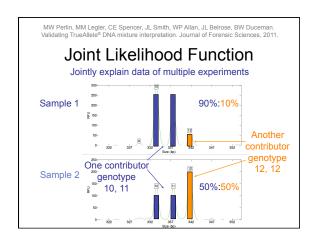
> Mark W Perlin, PhD, MD, PhD Cybergenetics, Pittsburgh, PA

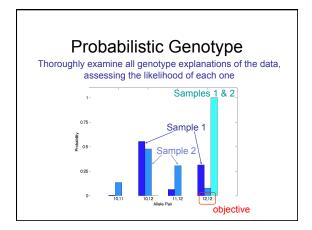


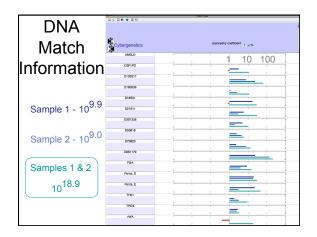
Cybergenetics © 2003-2012











Massereene Barracks Attack

March 7, 2009 in Antrim, Northern Ireland





Patrick Mark Azimkar Quinsey

Real Irish Republican Army claimed responsibility

Abandoned Burned Car



Touch DNA Evidence

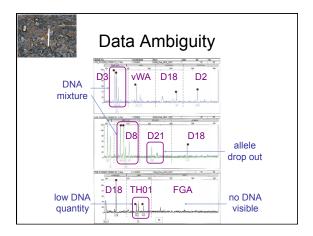


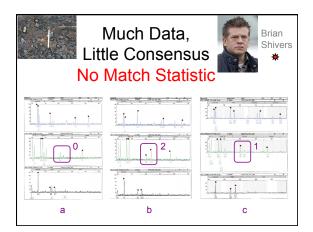
passenger side safety belt buckle

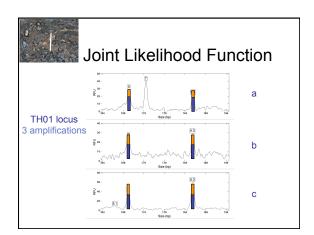


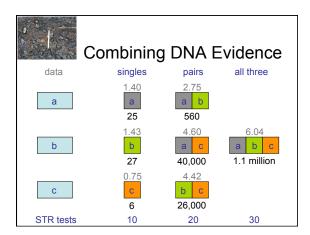
cell phone in center console











Computer's Match Statistics 5.91 trillion Colin Duffy 6.01 billion Brian Shivers

Admissibility Ruling

December 1, 2011 The Honorable Mr. Justice Hart

18 page ruling on TrueAllele, concluding:

I am satisfied that the stage has now been reached in the case of this system where it can be regarded as being reliable and accepted, and I am satisfied that Dr Perlin has given his evidence in a credible and reliable fashion. In the light of these conclusions I can see no basis on which I could properly exercise my discretion ... to exclude this evidence, and I therefore admit it in evidence.

THE HUFFINGTON POST

UNITED KINGDOM 💥

DNA Techniques Used In Massereene Conviction Could Pave Way For **Future Trials**

A pioneering method of genetic analysis could have major implications in future UK trials after helping to deliver a conviction in the Massereene Baracks murder case..

The high-profile case in Antrim saw a pioneering method of analysing genetic samples recovered from a crime scene accepted in a British courtroom for the very first time, opening the way for its use in future trials.

The computer-based statistical technique has emerged as an alternative to the long-established human review process in the Batt decade.

The True Allele casework system, developed by American scientist Dr Mark Perlin, has been used to examine samples containing mixed DNA traces when traditional lab analysis failed to identify a clear genetic profile of an individual. After interpreting the sample, Dr Perlin's computer programme derives a likelihood ratio on whether the profile obtained matches a suspect or victim.

E Pluribus Unum

Out of many experiments, one informative solution





www.cybgen.com/information perlin@cybgen.com