The Original STRBase Website
First launched in 1997

https://www.cstl.nist.gov/strbase/

Background

- Built to localize information for the forensic community
- Facts and sequence information on loci
- Population data
- Multiplex STR systems
- PCR primers and conditions
- Review of technologies
- Connect scientist and organizations

Additional information has been continuously added over the years
The Current STRBase Website

Updated in 2017

https://strbase.nist.gov

Updates

- Addition of a navigation menu
- Unifying the presentations of the site
- Having a single standard format for all the pages in the site

Maintenance

- Variant and tri-alleles
- Submitted by the community
- Publications and Presentations
- Applied Genetics Group
- Other minor modifications
The STRBase 2.0 Website

STRBase 2.0
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Changes behind the scenes
• The site is being built using ASP.NET Core and C#
  • Developing a dynamic easily modifiable site
  • It accesses a MySQL database
    • Allows for a standardized data format moving forward
    • Contains data scraped from the current STRBase pages
  • Allows easier behind the scenes curation of content
    • Simplifies
      • Maintenance
      • Addition of new content
      • Editing of existing content
Goals

• Make STRBase easier to navigate
• Find what you are looking for faster
• Localize information into one place
• Ability to download more types of useful information
• Make submitting information to STRBase simpler
• Variant and tri-allele information