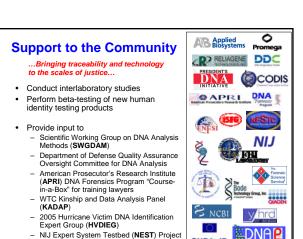
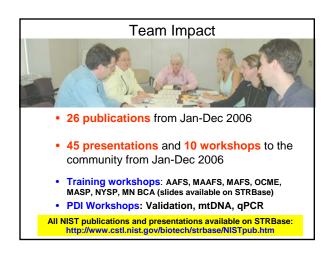


Scope of Our Work (Team Mission Statement)

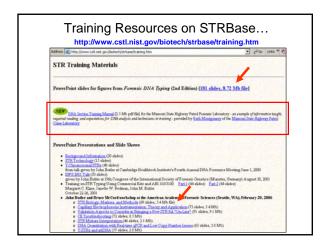
The NIST Human Identity Project
Team is trying to lead the way in
forensic DNA... through research
that helps bring traceability and
technology to the scales of justice.

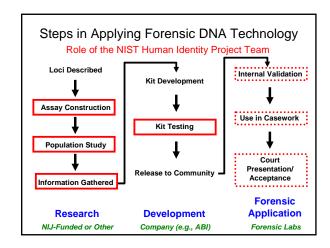


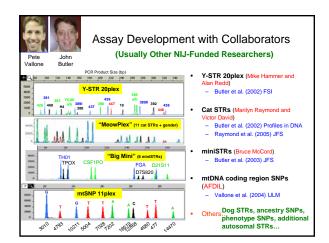
SNPforID

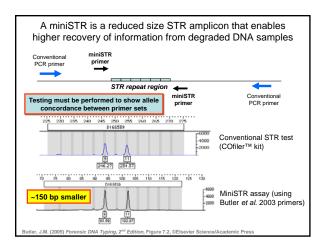




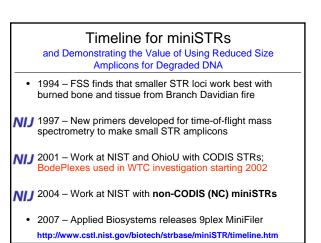












Our Publications on miniSTRs

- Butler, J.M., Shen, Y., McCord, B.R. (2003) The development of reduced size STR amplicons as tools for analysis of degraded DNA. J. Forensic Sci 48(5): 1054-1064.
- Chung, D.T., Drabek, J., Opel, K.L., Butler, J.M., McCord, B.R. (2004) A study on the effects of degradation and template concentration on the efficiency of the STR miniplex primer sets. *J. Forensic Sci.* 49(4): 733-740.
- Drabek, J., Chung, D.T., Butler, J.M., McCord, B.R. (2004) Concordance study between miniplex STR assays and a commercial STR typing kit, J. Forensic Sci. 49(4): 859-860.
- Coble, M.D. and Butler, J.M. (2005) Characterization of new miniSTR loci to aid analysis of degraded DNA., J. Forensic Sci., 50: 43-53

http://www.cstl.nist.gov/biotech/strbase/miniSTR.htm http://www.cstl.nist.gov/biotech/strbase/miniSTR/timeline.htm

More Recent miniSTR Publications

- Butler, J.M. (2006) MiniSTRs: past, present, and future. Forensic News (Applied Biosystems), October 2006
- Dixon, L.A., Dobbins, A.E., Pulker, H., Butler, J.M., Vallone, P.M., Coble, M.D., Parson, W., Berger, B., Grubweiser, P., Mogensen, H.S., Morling, N., Nielsen, K., Sanchez, J.J., Petkovski, E., Carracedo, A., Sanchez-Diz, P., Brion, M., Irwin, J.A., Just, R.S., Loreille, O., Parsons, T.J., Syndercombe-Court, D., Schmitter, H., Gill, P. (2006) Analysis of artificially degraded DNA using STRs and SNPs-results of a collaborative European (EDNAP) exercise. Forensic Sci. Int. 164: 33-44.
- Hill, C.R., Kline, M.C., Mulero, J.J., Lagace, R.E., Chang, C.-W., Hennessy, L.K., Butler, J.M. (2007) Concordance study between the AmplESTR Mini-filer PCR Amplification Kit and conventional STR typing kits. J. Forensic Sci., in press.
- Hill, C.R., Coble, M.D., Butler, J.M. (2007) Characterization of 26 miniSTR loci for improved analysis of degraded DNA samples. submitted.

