ureCD or ureA Gene Probes on Helicobacter pylori Isolates

Discriminatory Power of RAPD, PCR-RFLP and Southern Blot Analyses of

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the 3881 primer was considered the most useful technique.

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The genetic diversity of 33 Nigerian *Helicobacter pylori* isolates were studied using RAPD, PCR-RFLP and Southern blot analysis of *ureA* or *ureCD* gene probes. RAPD was able to distinguish the following number of isolates using the primers 3880: 5'-AAGAGCCCGT-3' (28), 3881:5'-AACGCGCAAC-3' (33) and OPH8:5'-GAAACACCCC-3' (25). Southern blot analysis using the *ure*CD probe was also able to distinguish the 12 isolates tested into ten different patterns. The PCR-RFLP technique distinguished all 33 isolates into six types. In conclusion, considering typeability, discriminatory power, and convenience, RAPD with