

B-2 DNA fingerprinting patterns and serotyping of *Actinobacillus actinomycetemcomitans* clinical isolates from periodontal patients.

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54 clinical isolates of *Actinobacillus actinomycetemcomitans* showed distinct hybridization patterns (DNA fingerprinting patterns) when the bacterial DNA were hybridized with randomly cloned 4.7-Kb sized DNA probe. The frequency of the genotypic distribution demonstrated that type C was the most prevalent genotype, the next being D, NT, A, B, and E in the descending order. The most prevalent serotype was serotype c, the next being a, nd, and b in the descending order.

It was noted that the one serotype can represent more than two different genotypes and also multiple genotypic variants can exist in the periodontal pockets within the same subject.