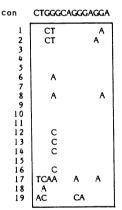
Nucleotide sequence of a mouse minisatellite DNA

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DNA Clones corresponding to human minisatellite sequences were isolated from a BALB/c mouse genomic library. The probe used for screening was constructed based on the 17 base-pair consensus sequence reported by Jeffreys et al.(1). One of the clones isolated was sequence providing an internally repeated sequence (Fig.1). As shown in Fig.2, that repetitive sequence probe recognizes a new family of hypervariable minisatellite sequences in mouse, allowing the establishment of original DNA fingerprints under hybridization conditions described previously (1,2). Fig.1. nucleotide sequence of mo-1 clone.



core GGTGGGCAGGAXGGGA ::::::::: con CTGXGCAGG GAGGA

6

8

2 3

1.  $\lambda$ -HindIII, 2. BALB/cDAG 3. BALB/cArg, 4. DBA/2N, 5. C57BL/6J, 6.C3H/HeJ, 7. Mus m. molossinus 8. human

Fig.2. HaeIII-digests were probed with the mouse minisatellite, mo-1 DNA.

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