33.6 (D1S111) and pMLAJ1 (D1S61) identify the same VNTR on chromosome 1

M.-L.Loupart, J.A.L.Armour¹, A.J.Jeffreys¹ and J.M.Varley

ICI/University Joint laboratory and ¹Department of Genetics, University of Leicester, Leicester LE1 7RH, UK

Probe Descriptions: Probe pMLAJ1 (D1S61) is a 0.8 kb fragment of human genomic DNA cloned into pBR322. Probe 33.6 (D1S111) has been previously described (1).

Polymorphism: *Mbo*I identifies >8 allele VNTR polymorphism with bands between 1.4 kb and 1.1 kb for 33.6 with a similar allele size distribution for pMLAJ1 (fig). Also polymorphic for *Dde*I, *Hae*III, *Hinf*I and *Msp*I.

Chromosomal Localization: 33.6 has been localized to chromosome 1 cen-q24 (2). pMLAJ1 has been assigned to 1q (3).

Probe Availability: Both are freely available to other research workers.

Other Comments: Sequential hybridization of *Mbo*I-digested DNA from 22 unrelated individuals was carried out. Complete removal of the first probe was demonstrated by autoradiography before the second probe was used. The identical banding patterns observed confirmed that 33.6 and pMLAJ1 recognize the same locus.

Acknowledgements: M-LL gratefully acknowledges the receipt of a Medical Research Council studentship.

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