

A Study on the Short Tandem Repeat System D8S1132 in an Austrian, a Yemenian and an Egyptian Population Sample

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The STR D8S1132 was amplified by the polymerase chain reaction on blood samples from 103 unrelated Austrians and 94 unrelated Egyptians. The samples were analyzed by native horizontal discontinual electrophoresis. This locus proved to be highly discriminative in both populations. Eg. The mean exclusion chance for the Austrians was 0.70, the discriminating power was 0.96 and the heterozygosity rate was 0.87. No deviations from Hardy Weinberg expectations were found and no evidence of population heterogeneity between both populations was detected. Further investigations including typing of an adequate number of Yemenians are on their way.

D8S1132	Austrians	Egyptians
15	1	0
16	1	0
17	19	27
18	40	33
19	39	39
20	36	38
21	19	18
22	25	14
23	15	15
24	10	4
25	1	0