

STR Locus	SOC Sample (Alleles)	Accused X (Alleles)	Accused Y (Alleles)	Allele Frequencies (Example)	Genotype Frequency (SOC vs. X)	Genotype Frequency (SOC vs. Y)
CSF1PO	11, 12	11, 12	12, 13	11=0.10; 12=0.11; 13=0.09		
D1S1656	13, 15	13, 15	14, 15	13=0.09; 14=0.08; 15=0.10		
D2S441	9, 11	9, 11	10, 11	9=0.10; 10=0.09; 11=0.08		
D2S1338	18, 21	18, 21	20, 21	18=0.09; 20=0.08; 21=0.10		
D3S1358	14, 17	14, 17	16, 17	14=0.09; 16=0.08; 17=0.10		
D5S818	10, 13	10, 13	12, 13	10=0.11; 12=0.08; 13=0.09		
D7S820	11, 12	11, 12	12, 13	11=0.10; 12=0.09; 13=0.08		
D8S1179	12, 14	12, 14	13, 14	12=0.11; 13=0.08; 14=0.09		
D10S1248	14, 16	14, 16	15, 16	14=0.10; 15=0.09; 16=0.08		
D12S391	20, 22	20, 22	21, 22	20=0.09; 21=0.08; 22=0.11		
D13S317	8, 11	8, 11	9, 11	8=0.10; 9=0.09; 11=0.11		
D16S539	9, 12	9, 12	11, 12	9=0.10; 11=0.08; 12=0.09		
D18S51	13, 16	13, 16	15, 16	13=0.09; 15=0.08; 16=0.07		
D19S433	10, 14	10, 14	12, 14	10=0.09; 12=0.08; 14=0.10		
D21S11	28, 31	28, 31	29, 31	28=0.07; 29=0.08; 31=0.06		
FGA	23, 25	23, 25	24, 25	23=0.09; 24=0.08; 25=0.11		
TH01	6, 9	6, 9	8, 9	6=0.10; 8=0.09; 9=0.08		
TPOX	8, 12	8, 12	11, 12	8=0.11; 11=0.09; 12=0.08		
vWA	16, 18	16, 18	17, 18	16=0.12; 17=0.09; 18=0.10		
Amelogenin	X, Y	X, Y	X, Y	Sex marker		

Kidnapping in a Warehouse

- Crime: Victim held in an abandoned warehouse.
- Evidence: Cigarette butt found at the scene.
- Comparison:
- SOC DNA (saliva from cigarette butt)
- Suspect X: Known gang member with access to the warehouse
- Suspect Y: Warehouse caretaker accused of cooperating