

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	10, 12	10, 12	11, 12	10=0.12; 11=0.10; 12=0.09		
D1S1656	14, 19	14, 19	15, 19	14=0.09; 15=0.08; 19=0.07		
D2S441	11, 12	11, 12	12, 13	11=0.11; 12=0.10; 13=0.08		
D2S1338	20, 22	20, 22	21, 22	20=0.08; 21=0.09; 22=0.10		
D3S1358	15, 17	15, 17	16, 17	15=0.12; 16=0.10; 17=0.09		
D5S818	11, 14	11, 14	13, 14	11=0.10; 13=0.08; 14=0.11		
D7S820	8, 11	8, 11	10, 11	8=0.11; 10=0.09; 11=0.08		
D8S1179	12, 15	12, 15	14, 15	12=0.11; 14=0.09; 15=0.08		
D10S1248	13, 15	13, 15	14, 15	13=0.08; 14=0.09; 15=0.10		
D12S391	18, 21	18, 21	20, 21	18=0.09; 20=0.08; 21=0.10		
D13S317	9, 12	9, 12	10, 12	9=0.11; 10=0.09; 12=0.08		
D16S539	11, 12	11, 12	12, 13	11=0.09; 12=0.08; 13=0.10		
D18S51	14, 18	14, 18	17, 18	14=0.09; 17=0.08; 18=0.07		
D19S433	13, 14	13, 14	14, 15	13=0.10; 14=0.08; 15=0.09		
D21S11	29, 31	29, 31	30, 31	29=0.07; 30=0.09; 31=0.08		
FGA	22, 26	22, 26	24, 26	22=0.11; 24=0.08; 26=0.10		
TH01	7, 10	7, 10	9, 10	7=0.09; 9=0.08; 10=0.11		
TPOX	8, 11	8, 11	9, 11	8=0.11; 9=0.09; 11=0.08		
vWA	16, 20	16, 20	18, 20	16=0.12; 18=0.09; 20=0.10		
Amelogenin	X, Y	X, Y	X, Y	Sex marker		

Homicide in a Bar

- Crime: Stabbing during a bar fight.
- Evidence: Knife recovered at the scene with blood traces.
- Comparison:
- SOC DNA (from knife handle and blade)
- Suspect X: Companion of the victim, seen fleeing
- Suspect Y: Another man in the fight, found injured