

Full-Sibling Screening Report

Case Number: # 2010##### (GQ00#####)

Relationship	Party	Race	Date Collected
Mother	Jane Doe	Caucasian	10/07/2010
Sibling #1	Mary Doe	Caucasian	10/07/2010
Sibling #2	John Doe	Caucasian	10/07/2010

Full-Sibling Screening Report:

Allele	Mother	Sibling 1	Sibling 2	Likelihood Ratio
D3S1358	15 ,17	17	15 ,17	3.3691
THO1	7 ,9.3	7	7 ,9.3	3.9014
D21S11	28 ,32.2	30 ,32.2	28 ,29	0.9794
D18S51	15 ,18	16 ,18	16 ,18	21.5493
Penta E	11 ,12	7 ,12	7 ,12	4.7499
D5S818	11 ,12	11 ,12	11	1.7503
D13S317	11 ,13	12 ,13	11 ,12	1.8163
D7S820	12 ,13	11 ,13	11 ,12	1.0816
D16S539	11 ,12	9 ,12	10 ,12	2.0798
CSF1PO	12	11 ,12	11 ,12	3.5032
Penta D	9 ,13	9 ,12	9 ,12	4.6217
vWA	17	17 ,19	17 ,18	1.0217
D8S1179	12 ,15	12 ,13	12 ,13	4.6667
TPOX	8 ,9	8 ,11	9 ,11	6.4498
FGA	20 ,22	21 ,22	20 ,21	6.6689
Amelogenin	X	X	X Y	

Combined Kinship Index: 31289660.87757
Probability of Kinship 99.999997

Based on the results obtained from the analysis of the alleles, D3S1358, THO1, D21S11, D18S51, Penta E, D5S818, D13S317, D7S820, D16S539, CSF1PO, Penta D, vWA, D8S1179, TPOX, FGA, and Amelogenin, Mary Doe John Doe are 31,289,661 times more likely to be siblings as compared to an untested, unrelated person of the Caucasian population. The two people tested are likely to be biologically related as full siblings (sharing both a common mother and father). The Combined Kinship Index of 1 reveals no genetic evidence for or against kinship; therefore the weight of the genetic evidence is stronger the further away the Combined Kinship Index is from 1. **Note: Sibling screening test results cannot be used in a court of law. Samples were not collected in accordance with AABB standards.**

Date ____/____/____

Lab Director – AABB Accredited Lab