



Genetic Testing Laboratory, Inc.
 New Mexico State University
 Las Cruces, New Mexico
 Toll Free: (866) 833-6895



Results of DNA Analysis (Non-Legally Binding)

Sibling Zygosity Determination

Photo ID's for the persons submitting these samples were not verified by witness.

Order ID Number: L06-12868

Race Used for Calculations: Caucasian-American
 Pseudo-Parental Data Created? Yes
 Allele Freqs Used for Calculations? Yes

Parental genetic profiles fitting the children's data were constructed in order to facilitate calculation of likelihoods based upon allelic frequency data.

STR Locus	Pseudo		Tested Twin 1		Tested Twin 2		Not Used		Not Used		DZ Likelihood
	Pseudo-Mother's Alleles	Pseudo-Father's Alleles	Sibling 1's Alleles	Sibling 2's Alleles							
D3S1358	16	18	16	18	16	18					0.32
TH01	9.3	9.3	9.3	9.3	9.3	9.3					0.46
D21S11	29	31.2	29	31.2	29	31.2					0.32
D18S51	14	19	14	19	14	19					0.29
Penta E	10	12	10	12	10	12					0.28
D5S818	12	12	12	12	12	12					0.30
D13S317	8	13	8	13	8	13					0.26
D7S820	7	10	7	10	7	10					0.33
D16S539	11	12	11	12	11	12					0.33
CSF1PO	11	12	11	12	11	12					0.30
Penta D	9	15	9	15	9	15					0.25
vWA	18	18	18	18	18	18					0.43
D8S1179	13	15	13	15	13	15					0.28
TPOX	9	12	9	12	9	12					0.27
FGA	19	19	19	19	19	19					0.26

Overall: 0.000000202

Statistical Results:

Overall odds in favor of monozygosity is: 99080696 to 1
 Note: Monozygosity refers to identical siblings, as opposed to dizygosity, which refers to fraternal siblings.
 Percent Probability of Monozygosity is: 99.9999989907%
 Prior Probability: 0.50 < Monozygosity

Statement of Results:

Based upon the analyses conducted, the siblings are identical with the probability listed above.

Stefan A. Long
 Laboratory Manager, GTL

Date Signed (mm/dd/yy): 12/22/06

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Peter J. Lammers, Ph. D.
 Laboratory Director, GTL

Date Signed (mm/dd/yy): 12/22/06

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