

The Bakersfield Californian NEWS OBITS SPORTS EVENTS

July & August 2013

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## Rapes have east Bakersfield residents on edge

BY JASON KOTOWSKI Californian staff writer jkotowski@bakersfield.com WEDNESDAY, AUG 21, 2013 6:43 PM











## DNA database hit





of zip tie in road

Billy Ray Johnson

































A match between the zip tie and Billy Ray Johnson is:

211 quintillion times more probable than a coincidental match to an unrelated Black person

100,000,000,000,000,000,000 20 zeros after the one

10x10x10x10x10x10x10x10x10x10x10x 10x10x10x10x10x10x10x10x10x10x10x10x 20 powers of ten

Receive	reference dat	ta				
	Crime sce	ene a	#1 n	nato	ches	5
c						
	Description	Item	C0428X	C0459X	C1148X	BRJ
0	outside kitchen window	C0429X	6	3		
$\sim$	inside kitchen window	C0430X	6			
<u> </u>	purse strap	C0431X	19	6		2
<u>D</u>	phone cord	C0432X				5
õ	vaginal swab, epithelial	C0439E	19			
$\overline{\mathbf{O}}$	vaginal swab, sperm	C0439S	8	19		
ţ	vaginal swab, epithelial	C0440E	19			
0	vaginal swab, sperm	C0440S		19		
$\bigcirc$	underwear, epithelial	C0443E	19	5		
<u> </u>	underwear, sperm	C0443S		19		
Ð	blanket, epithelial	C0819E	19			
at	blanket, sperm	C0819S		19		
<sup>(</sup> )	nhone	C0984X	19	2		5

Crim	ie sce	ene ‡	‡2 m	atch	les	
Description	Item	C0460X	C0475X	C0822X	C0897X	BF
vaginal, epithelial	C0451E	20				
vaginal, sperm	C0451S	6	16			
underwear, epithelial	C0453E	19	2			
underwear, sperm	C0453S	7	13			
cigarette butt	C0550X					
pants, epithelial	C0801E	20				
pants, sperm	C0801S		16			6
pants, epithelial	C0802E	20	7			7
pants, sperm	C0802S		17			
shirt, epithelial	C0806E	20				9
shirt, sperm	C0806S	7	17			
knife	C0943X	5				



ime sce	ne #:	3 m;	atch	es
		5 1110		00
				DD
Description	Item	C0820X	C0821X	BK
left breast	C0714X	18		
right breast	C0715X	10		
zip tie	C0928X		17	
bathtub handle	C0929X	6		- 3
outside cooler	C0932X			
exterior cooler	C0933X			
interior cooler	C0934X			
knife	C0935X		2	
duct tape	C0936X		17	
zip tie left in roadway	C0937X	5		20
phone	C0938X	10	7	
	C0020V		1	



	iiiia		יוסי			uie	3
8 m	xture I	tems v	'S. 5 VI	ctims ·	+ 1 SU	spect	
Description	Item	C0428X	C0459X	C0460X	C0475X	C0820X	C1147
Purse strap	C0431X	18.73	5.91				1.63
Phone cord	C0432X						4.53
Phone	C0984X	18.74	2.06				4.62
Stain on pants	C0801S				16.39		6.24
Stain from pants	C0802S				17.42		6.73
Back of shirt	C0806S			6.69	17.43		8.86
Bathtub handle	C0929X					5.80	2.74
Zip tie	C0937X					4.55	20.32
							-





	Marc	ch 2015: Ti	rial
			C1147X
Case	Item	Description	Billy Ray Johnson
13-CL-01721	C0431X	Purse strap	1.63
	C0432X	Phone cord	4.53
	C0984X	Phone	4.62
13-CL-01927	C0801S	Stain on pants	6.24
	C0802S	Stain from pants	6.73
	C0806S	Back of shirt	8.86
13-CL-02349	C0929X	Bathtub handle	2.74
	C0937X	Zip tie	20.32





	Fa	alse po	oitivo ro						
	Fa	alse po	oitivo ro						
			Suvera	te in Sp	ecificity	Table 8	5		
TABLE 8-	-Specificity. Specifi	icity statistics were	calculated for the	eight groups (quant	ity and contributor	number). (a) The r	ninimum, mean, m	aximum, and	
standard de	viation log(LR) valu	ves were averaged	across three ethnic	populations. (b) Th	e total number of f	Calse inclusions is s	hown for each gro	up, binned b	
				og(LR) value (rows	9.				
		1	ng		200 pg				
ncon	2	3	4	5	2	3	4	5	
(a) Summary	statistics								
(a) Summary N=	statistics 600,000	900,000	1,200,000	1,500,000	600,000	900,000	1,200,000	1,500,0	
(a) Summary N= Min	statistics 600,000 -30.000	900,000 30.000	1,200,000 -30.000	1,500,000 	600,000 30.000	900,000	1,200,000	1,500,0 20.1	
(a) Summary N= Min Mean	statistics 600,000 -30.000 -23.904	900,000 -30,000 -18,339	1,200,000 -30.000 -13.878	1,500,000 30,000 9,429	600,000 30.000 20.247	900,000	1,200,000 -9.517	1,500,0 -20.1 -7.6	
(a) Summary N= Min Mean SD Max	statistics 600,000 -30.000 -23.904 4.608 -1.514	900,000 -30,000 -18,339 5,990 1,511	1,200,000 -30,000 -13.878 7,183 2,140	1,500,000 -30,000 -9,429 4,536 3,202	600,000 30.000 20.247 6.821 0.410	900,000 -13.507 5.986 1.878	1,200,000 9.517 4.048 2.005	1,500,0 -20.1 -7.6 2.2 1.6	
(a) Summary N= Min Mean SD Max	statistics 600,000 -30,000 -23,904 4,608 -1,514	900,000 30,000 18,339 5,990 1,511	1,200,000 -30,000 -13.878 7.183 2.140 ng	1,500,000 -30,000 -9,429 4,536 3,202	600,000 -30,000 -20,247 6,821 0,410	900,000 -13.507 5.986 1.878 200	1,200,000 -9.517 4.048 2.005	1,500,0 -20.1 -7.6 2.2 1.6	
(a) Summary N= Min Mean SD Max log(LR)	statistics 600,000 -30,000 -23,904 4,608 -1,514 2	900,000 30,000 18,339 5,990 1,511 1 1 3	1,200,000 -30.000 -13.878 7.183 2.140 ng 4	1,500,000 -30,000 -9,429 4,536 3,202 5	600,000 30,000 20,247 6.821 0.410 2	900,000 -13.507 5.986 1.878 200 3	1,200,000 -9.517 4.048 2.006 PB 4	1,500,0 -20,1 -7,6 2,2 1,6 5	
(a) Summary N= Min Mean SD Max log(LR) (b) False inc:	statistics 600,000 -30,000 -23,904 4,608 -1,514 2 lusions	900,000 -30,000 -18,339 5,990 1,511 1 3	1,200,000 -30,000 -13,878 7,183 2,140 ng 4	1,500,000 -30,000 -9,429 4,536 3,202 5	600,000 -30,000 -20,247 6.821 0.410 	900,000 -13.507 5.986 1.878 200 3	1,200,000 -9.517 4.048 2.006 PE 4	1,500,0 -20,1 -7,6 2,2 1,6 5	
(a) Summary N= Min Mean SD Max log(LR) (b) False inc 0	* statistics 600,000 -30.000 -23.904 4.608 -1.514 2 lusions 0	900,000 -30,000 -18,339 5,990 1,511 1 3 18	1,200,000 -30,000 -13,878 7,183 2,140 ng 4 142	1,500,000 -30,000 -9,429 4,536 3,202 5 1071	600,000 -30,000 -20,247 6,821 0,410 2 0	900,000 -13.507 5.986 1.878 200 3 36	1,200,000 9.517 4.048 2.006 PB 4 152	1,500,0 -20,1- -7,6 2,2 1,6 5	
(a) Summary N- Min Mean SD Max log(LR) (b) False inc: 0 1	statistics 600,000 -30,000 -23,904 4,608 -1,514 2 lusions 0 0 0	900,000 -30,000 -18,339 5,990 1.511 1 3 18 6	1,200,000 -30,000 -13,878 7,183 2,140 ng 4 142 37	1,500,000 -30,000 -9,429 4,536 3,202 5 1071 200	600,000 -30,000 -20,247 6,821 0,410 2 2 0 0	900,000 -13.507 5.986 1.878 200 3 36 16	1,200,000 -9.517 4.048 2.006 PB 4 152 22	1,500,0 -20,1- -7,6, 2,2 1,6 5 5	
(a) Summary N= Min Mean SD Max log(LR) (b) False inc: 0 1 2	* statistics 600,000 -30,000 -23,904 4,608 -1,514 2 Jusions 0 0	900,000 -30,000 -18,339 5,990 1,511 1 3 18 6 1	1,200,000 -30,000 -33,878 7.183 2.140 ng 4 142 37 7	1,500,000 -30,000 -9,429 4,536 3,202 5 1071 200 24	600,000 30,000 20,247 6,821 0,410 2 0 0 2	900,000 -13.507 5.986 1.878 200 3 36 16 1	1,200,000 -9.517 4.048 2.006 PB 4 152 22 3	1,500,0 -20,14 -7,65 2,22 1,67 5 5 123 18 4 4	







Concordant Kern	lab	report
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Independent TrueAllele processing

13-CL-01927					 
C0451S		6.352	Inferred		
C0453E		Inferred	4.076		
C0453S	0 to 2.5	8.027	Inferred		
C0550X				12.375	
C0801E		19.842	- 0.5 to 0.5		
C0801S	6.365	-2.5 to -1.5	Inferred		
C0802E		Inferred	7.705		
C0802S	5.63		Inferred		
C0806E		19.851	-1.1 to -0.5		
C0806S	7.635	Inferred	Inferred		
C0943X		7.438	-4.5 to -2.5		













