

UCLA INTERNATIONAL HLA DNA EXCHANGE—130TH SUMMARY



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ANDREA ALVAREZ AND ARLENE LOCKE

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DNA Sample	
#801	#804
#802	#805
#803	#806

DNA #801 HISPANIC

The consensus type for this sample from a Hispanic donor is A*03:01-B*14:02-B*47:01-C*06:02-C*08:02-DRB1*03:01-DRB1*04:05-DRB3*02:02-DRB4*01:03-DQA1*03:01:01G-DQA1*05:01-DQB1*02:01-DQB1*03:02-DPA1*01:03-DPA1*02:01-DPB1*03:01-DPB1*13:01.

This sample was previously sent in Exchange #41 as DNA #266 (2000). In 2000, DQA1*03:03 was detected by 85% of labs. In this retyping, DQA1*03 was unresolved, as 3 labs reported DQA1*03:01:01G, 2 labs reported DQA1*03:01P, 26 labs reported DQA1*03:03, and 5 labs reported DQA1*03:02.

The likely association in this cell is A*03:01-B*14:02-DRB1*03:01 and A*03:01-B*47:01-DRB1*04:05 with respective frequencies of HF=0.00076 and HF=0.00076 seen in Hispanics, according to the NMDP Bioinformatics website.

The results for DNA #801 are summarized in Table 1 and individual laboratory results are listed in Tables 7 and 8.

DNA #802 ASIAN

The consensus type for this sample from an Asian donor is A*02:06-A*11:01-B*15:12-B*35:03-C*03:04-C*04:01-DRB1*13:01-DRB1*15:02-DRB3*01:01-DRB5*01:08N-DQA1*01:01-DQA1*01:03-DQB1*05:01-DQB1*06:03-DPA1*01:03-DPA1*02:02-DPB1*03:01-DPB1*05:01.

This sample was previously sent in Exchange #67 as DNA #427 (2004).

The likely class II associations in this cell are DRB1*13:01-DQB1*06:03 and DRB1*15:02-DQB1*05:01, with respective frequencies of HF=0.02251 and HF=0.01942 seen in Asians, according to the NMDP Bioinformatics website.

The results for DNA #802 are summarized in Table 2 and individual laboratory results are listed in Tables 9 and 10.

DNA #803 BLACK

The consensus type for this sample from a Black donor is A*68:02-A*74:01-B*53:01-B*58:02-C*04:01-C*06:02-DRB1*11:02-DRB1*15:03-DRB3*02:02-DRB5*01:01-DQA1*01:02-DQA1*05:05-DQB1*03:01-DQB1*06:02-DPA1*03:01-DPB1*04:02:01G-DPB1*105:01.

This sample was previously sent in Exchange #128 as DNA #792 (2014). In 2014, DPB1*105:01 was detected by 97% of the labs. In this retyping, DPB1*04 and DPB1*105:01 were graded as the DPB1-locus types. DPB1*04 was unresolved, as 6 labs reported DPB1*04:02:01G, 4 labs reported DPB1*04:02P, 29 labs reported DPB1*105:01, and 5 labs reported DPB1*04:02.

The likely class II associations in this cell are DRB1*11:02-DQB1*03:01 and DRB1*15:03-DQB1*06:02, with respective frequencies of HF=0.03371 and HF=0.12483, seen in African Americans, according to the NMDP Bioinformatics website.

The results for DNA #803 are summarized in Table 3 and individual laboratory results are listed in Tables 11 and 12.



DNA Sample	
#801	#804
#802	#805
#803	#806

DNA #804 HISPANIC

The consensus type for this sample from a Hispanic donor is A*02:01-A*29:02-B*35:12-B*45:01-C*04:01-C*06:02-DRB1*08:02-DRB1*09:01-DRB4*01:01-DQA1*03:01:01G-DQA1*04:01-DQB1*02:02-DQB1*04:02-DPA1*01:03-DPA1*02:01-DPB1*04:02-DPB1*05:01.

DQA1*03:01:01G and DQA1*04:01 were graded as the DQA1-locus types. The DQA1*03 allele was not resolved, as 3 labs reported DQA1*03:01:01G, 3 lab reported DQA1*03:01P, 19 labs reported DQA1*03:03, 3 labs reported DQA1*03:02, and 2 labs reported DQA1*03:01.

The likely class I associations in this cell are A*02:01-B*35:12-C*04:01 and A*29:02-B*45:01-C*06:02, with respective frequencies of HF=0.01017 and HF=0.00241, seen exclusively in Hispanics, according to the NMDP Bioinformatics website.

The results for DNA #804 are summarized in Table 4 and individual laboratory results are listed in Tables 13 and 14.

DNA #805 CAUCASIAN

The consensus type for this sample from a Caucasian donor is A*24:02-A*33:01-B*14:02-B*18:01-C*08:02-C*12:03-DRB1*07:01-DRB1*08:01-DRB4*01:01:01G-DQA1*02:01-DQA1*04:01-DQB1*02:02-DQB1*04:02-DPA1*02:01-DPB1*01:01-DPB1*17:01.

DRB4*01:01:01G was graded as the DRB4-locus type. The DRB4*01 allele was not resolved, as 1 lab reported DRB4*01:01:01:01, 2 labs reported DRB4*01:03:01, 4 labs reported DRB4*01:01:01G, 1 lab reported DRB4*01:01P, 19 labs reported DRB4*01:03, and 3 labs reported DRB4*01:01.

The likely class I associations in this cell are A*24:02-B*18:01-C*12:03 and A*33:01-B*14:02-C*08:02, with respective frequencies of HF=0.00107 and HF=0.00927, seen in Caucasians, according to the NMDP Bioinformatics website.

The results for DNA #805 are summarized in Table 5 and individual laboratory results are listed in Tables 15 and 16.

DNA #806 CAUCASIAN

The consensus type for this sample from a Caucasian donor is A*03:01-A*68:03-B*07:02-B*39:05-C*07:02-DRB1*04:07-DRB1*15:01-DRB4*01:03-DRB5*01:01-DQA1*01:02-DQA1*03:01-DQB1*03:02-DQB1*06:02-DPA1*01:03-DPB1*02:01-DPB1*04:02.

The likely class II associations in this cell are DRB1*04:07-DQB1*03:02 and DRB1*15:01-DQB1*06:02, with respective frequencies of HF=0.00055 and HF=0.14155, seen in Caucasians, according to the NMDP Bioinformatics website.

The results for DNA #806 are summarized in Table 6 and individual laboratory results are listed in Tables 17 and 18.

ACKNOWLEDGMENTS:

The UCLA Immunogenetics Center expresses its thanks to the following for contributing to this Exchange: One Legacy and all organ and tissue donors and families for giving the gift of knowledge by their generous donation to the education and advancement of the study of HLA.

Table 4. Summary of the 130th DNA Exchange (DNA #804)

A				B				C			
75 labs High / 96 labs Low		% (n)		78 labs High / 96 labs Low		% (n)		73 labs High / 82 labs Low		% (n)	
A*02:01:01	5 (4)	A*29:02:01:01	1 (1)	B*35:12:01	8 (6)	B*45:01:01	7 (5)	C*04:01:01:01	1 (1)	C*06:02:01:01	1 (1)
A*02:01:01G	13(10)	A*29:02:01	7 (5)	B*35:12	92(72)	B*45:01:01G	5 (4)	C*04:01:01	3 (2)	C*06:02:01	4 (3)
A*02:01P	4 (3)	A*29:02:01G	8 (6)	B*35	100(96)	B*45:01P	3 (2)	C*04:01:01G	25(18)	C*06:02:01G	18(13)
A*02:01	77(58)	A*29:02P	1 (1)			B*45:01	86(66)	C*04:01P	3 (2)	C*06:02P	3 (2)
A*02	99(95)	A*29:02	80(60)			B*45	100(96)	C*04:01	68(48)	C*06:02	74(54)
A*29	1 (1)	A*29:01	3 (2)					C*04	100(82)	C*06	100(82)
		A*29	100(96)								

DRB1				DRB3/4/5				DQA1			
80 labs High / 94 labs Low		% (n)		34 labs High / 44 labs Low		% (n)		39 labs High / 51 labs Low		% (n)	
DRB1*08:02:01	11(9)	DRB1*09:01:02	5 (4)	DRB4*01:01:01:01	6 (2)			DQA1*03:01:01G	10(3)	DQA1*04:01:01	10(4)
DRB1*08:02P	1 (1)	DRB1*09:01:02G	20(15)	DRB4*01:01:01	9 (3)			DQA1*03:01P	10(3)	DQA1*04:01:01G	3 (1)
DRB1*08:02	88(70)	DRB1*09:01P	9 (7)	DRB4*01:01:01G	9 (3)			DQA1*03:03	63(19)	DQA1*04:01	87(34)
DRB1*08	100(94)	DRB1*09:01	66(50)	DRB4*01:01P	3 (1)			DQA1*03:02	10(3)	DQA1*04	10(50)
		DRB1*09	100(94)	DRB4*01:01	74(25)			DQA1*03:01	7 (2)		
				DRB4*01	71(31)			DQA1*03	100(51)		
				DRB4*PRESENT	30(13)						

DQB1				DPA1				DPB1			
73 labs High / 87 labs Low		% (n)		14 labs High / 23 labs Low		% (n)		42 labs High / 29 labs Low		% (n)	
DQB1*02:02:01	10(7)	DQB1*04:02:01	8 (6)	DPA1*01:03:01G	7 (1)	DPA1*02:01:01	7 (1)	DPB1*04:02:01	5 (2)	DPB1*05:01:01	7 (3)
DQB1*02:01:01G	3 (2)	DQB1*04:02:01G	7 (5)	DPA1*01:03	93(13)	DPA1*02:01	93(13)	DPB1*04:02:01G	14(6)	DPB1*05:01:01G	24(10)
DQB1*02:01P	1 (1)	DQB1*04:02P	6 (4)	DPA1*01	100(23)	DPA1*02	100(23)	DPB1*04:02P	7 (3)	DPB1*05:01P	17(7)
DQB1*02:02	84(57)	DQB1*04:02	78(57)					DPB1*04:02	74(31)	DPB1*05:01	49(20)
<i>DQB1*02:01</i>	2 (1)	<i>DQB1*04:01</i>	1 (1)					DPB1*04	100(29)	<i>DPB1*135:01</i>	2 (1)
DQB1*02	100(81)	DQB1*04	100(87)							DPB1*05	100(28)

Table 7. Individual laboratory results for DNA # 801 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
80	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	05:01	NT	NT	01:03	02:01	03:01P	13:01P	
124	03:01	NT	47:01	14:02	06:02	08:02	03:01	04:05	3*02:02	4*01:01	05:01	03:02	02:01	03:02	NT	NT	03:01	13:01
134	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
138	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	03:01	13:01
143	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
144	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	03:01:01G	05:01	02:01:01G	03:02:01G	NT	NT	NT	NT
147	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
148	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03:01	NT	NT	02:01	03:02	NT	NT	03:01P	13:01P
155	NT	NT	NT	NT	NT	NT	03:01:01G	04:05P	3*02:02:01G	4*01:03	NT	NT	02:01	03:02P	NT	NT	NT	NT
158	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	03:01	13:01
160	03:01	NT	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	NT	NT
162	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	03:01	04:05	NT	NT	03:03	05:01	02:01	03:02	NT	NT	NT	NT
174	03:01:01:01	03:01:01:01	14:02:01	47:01:01:01	06:02:01:01	08:02:01	03:01:01:01	04:05:01	NT	NT	NT	NT	02:01	03:02:01	NT	NT	NT	NT
175	03:01	03:01	NT	47:01	NT	NT	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
185	03:01:01G	03:01:01G	14:02:01	47:01:01G	06:02:01G	08:02:01G	03:01P	04:05P	3*02:02:01G	4*01:01:01G	03:01:01G	05:01:01G	02:01P	03:02P	NT	NT	03:01:01G	13:01:01G
188	03:01	03:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	NT	NT	05:01	02:01:01G	03:02:01G	NT	NT	NT	NT
192	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	03:01	13:01
193	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
195	03:01	03:01	14:02	47:01	NT	NT	03:01	04:05	NT	NT	03:03	05:01	02:01	03:02	01:03	02:01	03:01	13:01
197	03:01	NT	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	05:01	02:01	03:02	01:03	02:01	03:01P	13:01P
205	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02:01G	4*01:03	03:03	05:01	02:01	03:02	01:03	02:01	03:01	13:01P
207	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	NT	05:01	02:01	03:02	NT	NT	NT	13:01
208	03:01	03:01	14:02	47:01	NT	NT	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	03:01	03:01	14:02	47:01	NT	NT	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
218	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
223	NT	NT	NT	NT	06:02	08:02	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	03:01	03:01	14:02	47:01	06:02	08:02	03:07	04:05	3*01:01:02:01	4*01:01:01:01	03:02	05:01	02:01	03:02	NT	NT	NT	NT
227	03:01	03:01	14:02:01	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01:01	03:02:01	NT	NT	NT	NT
234	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:03	05:01	NT	NT	NT	NT	NT	NT
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
238	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	01:03	02:01	03:01	13:01
240	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	03:01P	05:01	02:01	03:02	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:03	05:01	NT	NT	NT	NT	NT	NT
244	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	NT	NT
249	03:01:01	03:01:01	14:02:01	47:01:01	06:02:01	08:02:01	03:01:01	04:05:01	3*02:02:01	4*01:03:01	03:03	05:01:01	02:01:01	03:02:01	NT	NT	03:01:01	13:01
252	NT	NT	14:02	NT	NT	NT	03:01:01G	NT	NT	NT	NT	NT	NT	03:02:01G	NT	NT	NT	NT
258	03:01:01	03:01:01	14:02:01	47:01:01	06:02:01	08:02:01	03:01	04:05:01	NT	NT	NT	NT	02:01:01	03:02:01	NT	NT	03:01:01G	13:01:01G
264	03:01:01G	03:01:01G	14:02:01	47:01:01G	06:02:01G	08:02:01G	03:01:01G	04:05:01	3*02:02:01G	4*01:01:01G	03:01:01G	05:01:01G	02:01:01	03:02:01	01:03:01G	02:01:01	03:01:01G	13:01:01G
267	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:01	03:02	05:01	02:01	03:02	NT	NT	NT	NT
272	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
273	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	NT	NT
274	03:01P	03:01P	14:02	47:01	06:02P	08:02P	03:01	04:05	NT	NT	03:03	05:01	02:01	03:02	NT	NT	NT	NT
275	03:01	03:01	14:02	47:01	NT	NT	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:02	05:01	02:01	03:02	01:03	02:01	03:01	13:01
279	03:01	NT	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	3*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
280	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
281	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	05:01	02:01	03:02	01:03	02:01	03:01	13:01
284	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	NT	NT

Table 7. Individual laboratory results for DNA # 801 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
292	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
294	03:01	03:01	14:02	47:01	06:02P	08:02	03:01	04:05	NT	4*01:03	NT	NT	NT	NT	NT	NT	03:01	13:01
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:03	05:01:01:01	NT	NT	NT	NT	NT	NT
306	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:01	03:02	05:01	02:01	03:02	01:03	02:01	03:01	13:01
307	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
401	03:01	03:01	14:02:01	47:01	06:02	08:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	03:01	03:01	14:02	47:01	06:02:01G	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02:01	NT	NT	03:01:01G	13:01:01G
615	03:01:01G	03:01:01G	14:02	47:01:01G	06:02:01G	08:02:01G	03:01:01G	04:05	3*02:02:01G	4*01:01:01G	NT	NT	02:01:01G	03:02:01G	NT	NT	03:01:01G	13:01:01G
702	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
714	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
726	NT	NT	14:02	47:01	NT	NT	NT	NT	NT	4*01:01P	03:01P	05:01P	NT	NT	01:03	02:01	03:01P	13:01P
732	03:01:01	03:01:01	14:02:01	47:01:01	06:02:01	08:02:01	03:01:01	04:05:01	3*02:02:01G	4*01:03:01	NT	NT	02:01	03:02:01G	NT	NT	NT	NT
769	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02:01G	4*01:01P	NT	NT	02:01	03:02	NT	NT	03:01P	13:01P
805	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01	13:01
1212	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	03:01	13:01
1251	03:01	NT	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
1498	03:01:01G	03:01:01G	14:02	47:01	06:02:01G	08:02	03:01:01	04:05:01	3*02:02:01G	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
1647	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	03:01	13:01
1686	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	01:03	02:01	03:01	13:01
2004	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	NT	NT
2013	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
2015	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	03:01	03:01	14:02	47:01	06:02P	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
2411	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:03	02:01	03:01:01G	13:01	
2549	03:01	NT	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	03:03	05:01	02:01	03:02	01:03	02:01	03:01:01G	13:01:01G
3261	03:01	03:01	14:02	47:01	06:02	08:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3325	03:01	03:01	14:02	47:01	06:02	08:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
3438	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	NT	NT
3582	03:01	03:01	14:02	47:01	06:02:01G	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	03:01:01G	13:01:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01P	13:01P
3614	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	05:01	02:01	03:02	NT	NT	NT	NT
3625	03:01	03:01	NT	NT	NT	NT	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	03:01	13:01
3849	03:01:01G	03:01:01G	14:02	47:01	06:02:01G	08:02:01G	03:01	04:05	3*02:02:01G	4*01:01:01G	03:03	05:01	02:01:01G	03:02:01G	NT	NT	03:01:01G	13:01:01G
4237	03:01	03:01	14:02:01	47:01	06:02	08:02	03:01	04:05:01	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	NT	NT
4420	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	NT	NT	NT	NT	02:01	03:02	NT	NT	03:01	13:01
4545	03:01	03:01	14:02	47:01	06:02:01G	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01:01G
4551	NT	NT	NT	NT	NT	NT	03:01	04:05	3*02:02	4*01:03	NT	NT	02:01	03:02	NT	NT	03:01	13:01
4582	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	01:03	02:01	03:01	13:01
4585	NT	NT	14:02	47:01	NT	NT	NT	NT	NT	NT	05:01	NT	NT	NT	NT	NT	NT	NT
4653	03:01:01G	03:01:01G	14:02:01	47:01P	06:02:01G	08:02:01G	03:01P	04:05:01	NT	NT	NT	NT	02:01P	03:02P	NT	NT	NT	NT
4709	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:03	05:01	02:01	03:02	NT	NT	03:01	13:01
5451	03:01:01	03:01:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01:01	13:01
6051	NT	NT	14:02	47:01	NT	NT	03:01	04:05	NT	NT	NT	05:01	02:01	03:02	01:03	02:01	03:01:01G	13:01:01G
6313	03:01:01	03:01:01	14:02:01	47:01:01	06:02:01	08:02:01	03:01	04:05	NT	NT	NT	NT	02:01:01	03:02:01	NT	NT	NT	NT
Final Consensus	03:01	03:01	14:02	47:01	06:02	08:02	03:01	04:05	3*02:02	4*01:03	03:01:01G	05:01	02:01	03:02	01:03	02:01	03:01	13:01

Table 8. Individual laboratory results for DNA # 801 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
80	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
138	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
142	03	03	14	47	NT	NT	03	04	3*02	4*01	NT	NT	02	03	NT	NT	NT	NT
143	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
144	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
147	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
152	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	03	03	14	47	NT	NT	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
175	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
189	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
190	03	03	14	47	06	08	03	04	3*PRESENT	4*PRESENT	NT	NT	02	03	NT	NT	NT	NT
193	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
195	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	01	02	03	13
197	03	NT	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
205	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
206	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
209	NT	NT	NT	NT	06	08	NT	NT	NT	NT	NT	NT	02	03	NT	NT	NT	NT
213	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
214	NT	NT	14	47	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
226	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
234	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
238	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
239	03	03	14	47	06	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
242	03	NT	14	47	06	08	03	04	3*PRESENT	4*PRESENT	03	05	02	03	NT	NT	NT	NT
244	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
245	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	03	13
250	03	25	14	47	06	08	03	13	3*01	3*01	NT	NT	02	NT	NT	NT	NT	NT
251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
252	03	03	14	47	NT	NT	03	04	3*PRESENT	4*PRESENT	03	05	02	03	NT	NT	NT	NT
255	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
266	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
267	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
268	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
271	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
272	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
273	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
274	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
278	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
279	03	NT	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
280	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
281	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
282	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
284	03	03	14	47	06	08	03	04	3*PRESENT	4*PRESENT	NT	NT	02	03	NT	NT	NT	NT
285	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
286	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT

Table 8. Individual laboratory results for DNA # 801 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
289	03	03	14	47	06	08	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
293	03	03	14	47	NT	NT	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
294	03	03	14	47	06	08	03	04	3*02	4*01	NT	NT	02	03	NT	NT	03	13
299	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
302	03	23	14	47	06	05	03	04	3*PRESENT	4*PRESENT	03	05	02	03	NT	NT	NT	NT
304	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
305	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
306	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
307	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
401	03	03	14	47	06	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
615	03	03	14	47	06	08	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
726	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
732	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
805	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
1113	03	NT	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
1212	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1251	03	NT	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
1647	03	03	14	47	06	08	03	04	3*PRESENT	4*PRESENT	03	05	02	03	01	02	03	13
2004	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
2013	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
2347	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
2411	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
2518	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	01	02	03	13
2549	03	NT	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
3264	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
3325	03	03	14	47	06	08	03	04	3*PRESENT	4*PRESENT	NT	NT	02	03	NT	NT	NT	NT
3410	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
3438	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
3582	03	03	14	47	06	08	03	04	3*02	4*01	NT	NT	02	03	NT	NT	NT	NT
3600	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03	NT	NT	NT	NT	NT	NT	NT
3625	03	03	14	47	06	08	03	04	3*PRESENT	4*PRESENT	03	05	02	03	NT	NT	03	13
3849	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
4237	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
4420	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	03	13
4551	03	NT	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	03	13
4582	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
4585	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	NT	NT
4709	03	03	14	47	06	08	03	04	NT	NT	03	05	02	03	NT	NT	03	13
5451	03	03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	NT	NT	NT	NT
6313	03	03	14	47	06	08	03	04	NT	NT	NT	NT	02	03	NT	NT	NT	NT
9221	03	NT	14	47	06	08	03	04	3*PRESENT	4*PRESENT	03	05	02	03	01	02	03	13

Final Consensus	03	03	14	47	06	08	03	04	3*02	4*01	03	05	02	03	01	02	03	13
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Table 9. Individual laboratory results for DNA # 802 High Resolution

CENTER	A		B		C		DRB1	DRB3/4/5		DQA1		DQB1		DPA1		DPB1		
80	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01:08N	NT	NT	NT	NT	01:03	NT	03:01P	05:01P
124	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:02	01:04	01:03	05:01	06:03	NT	NT	03:01	05:01
134	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
138	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	03:01	05:01
143	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
144	02:06	11:01	15:12	35:03	03:04	04:01	13:01:01G	15:02	NT	NT	01:01:01G	01:03:01G	05:01:01G	06:03:01G	NT	NT	NT	NT
147	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
148	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	03:01P	05:01P
155	NT	NT	NT	NT	NT	NT	13:01:01G	15:02P	3*01:01:02G	5*01:08N	NT	NT	05:01	06:03	NT	NT	NT	NT
158	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	03:01	05:01
160	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	NT	NT
162	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	13:01	15:02	NT	NT	01:01	01:03	05:01	06:03	NT	NT	NT	NT
174	02:06:01	11:01:01	15:12:01G	35:03:01	03:04:01:01	04:01:01:01	13:01:01	15:02:01	NT	NT	NT	NT	05:01:01:01	06:03:01	NT	NT	NT	NT
175	02:06	11:01	15:12	35:03	NT	NT	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
185	02:06:01G	11:01:01G	15:12:01G	35:03:01G	03:04:01G	04:01:01G	13:01P	15:02P	3*01:01:02G	5*01:02:01G	01:01:01G	01:03:01G	05:01P	06:03P	NT	NT	03:01:01G	05:01:01G
188	02:06	11:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01:01G	01:03	05:01:01G	06:03:01G	NT	NT	NT	NT
192	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	03:01:01G	05:01:01G
193	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
195	02:06	11:01	15:12	35:03	NT	NT	13:01	15:02	NT	NT	01:01P	01:03	05:01	06:03	01:03	NT	03:01	05:01
197	02:06	11:01	15:12	35:03	03:04	04:01P	13:01P	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	01:03	02:02	03:01P	05:01P
205	02:06	11:01	15:12	35:03	03:04	04:01	13:01P	15:02	3*01:01	5*01:08N	01:01P	01:03	05:01	06:03	01:03	02:02	03:01P	05:01P
207	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	NT	NT
208	02:06	11:01	15:12	35:03	NT	NT	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	02:06	11:01	15:12	35:03	NT	NT	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
218	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
223	NT	NT	NT	NT	03:04	04:01	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01:02:01	5*01:01:01	01:01	01:03	05:01	06:03	NT	NT	NT	NT
227	02:06:01	11:01:01	15:12	35:03	03:04:01	04:01	13:01:01	15:02:01	NT	NT	NT	NT	05:01:01	06:03	NT	NT	NT	NT
234	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:01	01:03	NT	NT	NT	NT	NT	NT
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
238	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	01:03	02:02	03:01	05:01
240	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	01:01P	01:03	05:01	06:03	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01P	01:03	05:01	06:03	NT	NT	NT	NT
249	02:06:01	11:01:01	15:12	35:03:01	03:04:01	04:01:01	13:01:01	15:02:01	3*01:01:02	5*01:08N	01:01:01	01:03:01	05:01:01	06:03:01	NT	NT	03:01:01	05:01:01
252	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
258	02:06:01	11:01:01	15:12	35:03:01	03:04:01	04:01:01	13:01:01G	15:02:01	NT	NT	NT	NT	05:01:01	06:03:01	NT	NT	03:01:01G	05:01:01G
264	02:06:01	11:01:01	15:12	35:03:01	03:04:01G	04:01:01G	13:01:01	15:02:01	3*01:01:02G	5*01:08N	01:01:01G	01:03:01G	05:01:01G	06:03:01	01:03:01G	02:02:02	03:01:01G	05:01:01G
267	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:01	01:01	01:03	05:01	06:03	NT	NT	NT	NT
272	02:06	11:01	15:12:01G	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	NT	05:01	06:03:01G	NT	NT	NT	NT
273	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	NT	NT
274	02:06P	11:01P	15:12P	35:03P	03:04P	04:01P	13:01	15:02	NT	NT	01:01P	01:03	05:01P	06:03P	NT	NT	NT	NT
275	02:06	11:01	15:12	35:03	NT	NT	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	01:03	02:02	03:01	05:01
279	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
280	02:06	11:01	15:12	35:03	03:04	04:01	13:01:01G	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
281	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	5*01:08N	NT	NT	05:01	06:03	01:03	02:02	03:01	05:01
284	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	NT	NT

Table 9. Individual laboratory results for DNA # 802 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
292	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
294	02:06	11:01	15:12	35:03	03:04	04:01	13:01P	15:02	3*01:01	5*01:08N	NT	NT	NT	NT	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:01	01:03:01:01	NT	NT	NT	NT	NT	NT
306	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:02	01:01	01:03	05:01	06:03	01:03	02:02	03:01	05:01
307	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
401	02:06:01	11:01:01	15:12	35:03:01	03:04	04:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01:01G	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	03:01:01G	05:01:01G
615	02:06:01G	11:01:01G	15:12:01G	35:03:01G	03:04:01G	04:01:01G	13:01:01G	15:02	3*01:01:02G	5*01:02:01G	NT	NT	05:01:01G	06:03:01G	NT	NT	03:01:01G	05:01:01G
702	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
714	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
726	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01:08N	01:01P	NT	NT	NT	01:03	02:02	03:01P	05:01P
732	02:06:01	11:01:01	15:12	35:03:01	03:04:01	04:01:01G	13:01:01	15:02:01	3*01:01:02	5*01:08N	NT	NT	05:01:01	06:03:01	NT	NT	NT	NT
769	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	03:01P	05:01P
805	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01	05:01
1212	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	NT	NT	NT	05:01	06:03	NT	NT	03:01	05:01
1251	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
1498	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01:01	15:02:01	3*01:01	5*01:08N	01:01	01:03:01	05:01	06:03:01	NT	NT	03:01	05:01
1647	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	03:01	05:01
1686	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	01:03	02:02	03:01	05:01
2004	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	NT	NT
2013	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
2015	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	02:06	11:01	15:12	35:03	03:04	04:01P	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
2411	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01:08N	NT	NT	NT	NT	01:03	02:02	03:01:01G	05:01
2549	02:06	11:01	15:12	35:03	03:04	04:01	13:01:01G	15:02	NT	NT	01:01:01G	01:03	05:01	06:03	01:03	02:02	03:01:01G	05:01:01G
3261	02:06	11:01	15:12	35:03	03:04	04:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01:08N	NT	NT	NT	NT	NT	NT	NT	NT
3325	02:06	11:01	15:12	35:03	03:04	04:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
3438	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	NT	NT
3582	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01:01G	15:02	3*01:01	5*01:02:01G	NT	NT	05:01	06:03	NT	NT	03:01:01G	05:01:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01P	05:01P
3614	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	NT	NT	NT	01:03	05:01	06:03	NT	NT	NT	NT
3625	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
3849	02:06:01G	11:01:01G	15:12:01G	35:03:01G	03:04:01G	04:01:01G	13:01:01G	15:02	3*01:01	5*01:02:01G	01:01	01:03	05:01:01G	06:03:01G	NT	NT	03:01:01G	05:01:01G
4237	02:06:01	11:01:01	15:12	35:03:01	03:04	04:01	13:01:01	15:02:01	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	NT	NT
4420	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	NT	NT	NT	NT	05:01	06:03	NT	NT	03:01	NT
4545	02:06	11:01	15:12	35:03	03:04	04:01:01G	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01:01G	05:01:01G
4551	NT	NT	NT	NT	NT	NT	13:01	15:02	3*01:01	5*01:08N	NT	NT	05:01	06:03	NT	NT	03:01	05:01
4582	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	01:03	02:02	03:01:01G	05:01:01G
4585	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4653	02:06:01G	11:01:01G	15:12	35:03P	03:04P	04:01:01G	13:01P	15:02:01	NT	NT	NT	NT	05:01P	06:03P	NT	NT	NT	NT
4709	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	NT	NT	03:01	05:01
5451	02:06:01	11:01:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01:01	05:01:01
6051	02:06	NT	15:12	35:03	03:04	NT	13:01	15:02	NT	5*01:02	NT	NT	05:01	06:03	01:03	NT	03:01:01G	05:01:01G
6313	02:06	11:01	15:02	35:03:01	03:04	04:01	13:01:01	15:02:01	NT	NT	NT	NT	05:01:01	06:03:01	NT	NT	NT	NT

Final Consensus	02:06	11:01	15:12	35:03	03:04	04:01	13:01	15:02	3*01:01	5*01:08N	01:01	01:03	05:01	06:03	01:03	02:02	03:01	05:01
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Table 10. Individual laboratory results for DNA # 802 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
80	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	03	05
138	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
142	02	11	15	35	NT	NT	13	15	3*01	5*01	NT	NT	05	06	NT	NT	NT	NT
143	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
144	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
147	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	NT	NT	03	05
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
152	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	02	11	15	35	NT	NT	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
175	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
189	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	NT	NT	NT	NT
190	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	NT	NT	05	06	NT	NT	NT	NT
193	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
195	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	01	02	03	05
197	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
205	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	03	05
206	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	03	05
209	NT	NT	NT	NT	03	04	NT	NT	NT	NT	NT	NT	05	06	NT	NT	NT	NT
213	02	11	15	35	03	04	13	15	3*01	5*NULL	01	01	05	06	NT	NT	03	05
214	NT	NT	15	35	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
226	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	03	02	03	05
234	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
237	02	11	15	35	NT	NT	13	15	3*PRESENT	5*PRESENT	NT	NT	05	06	NT	NT	NT	NT
238	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	NT	NT	NT	NT
239	02	11	15	35	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	NT	NT
245	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	03	05
250	02	11	15	35	03	04	13	15	3*01	5*01	NT	NT	05	06	NT	NT	NT	NT
251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
252	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	01	01	05	06	NT	NT	NT	NT
255	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	03	02	03	05
266	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
267	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	NT	NT
268	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
271	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
272	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
273	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	NT	NT
274	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
278	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
279	02	11	15	35	03	04	13	15	3*01	5*NULL	01	01	05	06	NT	NT	03	05
280	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
281	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	03	05
282	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
284	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	NT	NT	05	06	NT	NT	NT	NT
285	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
286	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT

Table 10. Individual laboratory results for DNA # 802 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
289	02	11	15	35	03	04	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
293	02	11	15	35	NT	NT	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
294	02	11	15	35	03	04	13	15	3*01	5*01N	NT	NT	05	06	NT	NT	03	05
299	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
302	02	01	44	35	03	04	13	15	3*PRESENT	5*PRESENT	01	01	05	06	NT	NT	NT	NT
304	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
305	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
306	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
307	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
401	02	11	15	35	03	04	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
615	02	11	15	35	03	04	13	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
726	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	03	05
732	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
805	02	11	15	35	03	04	NT	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
1113	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
1212	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01	NT	NT	NT	NT	NT	NT	NT	NT
1251	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	03	05
1647	02	11	15	35	03	04	13	15	3*PRESENT	3*PRESENT	01	01	05	06	01	02	03	05
2004	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	NT	NT
2013	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
2347	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
2411	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
2518	02	11	15	35	03	04	13	15	NT	5*01	01	01	05	06	01	02	03	05
2549	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
3264	02	11	15	35	03	04	13	15	3*01	5*NULL	01	01	05	06	01	02	03	05
3325	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	NT	NT	05	06	NT	NT	NT	NT
3410	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
3438	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
3582	02	11	15	35	03	04	13	15	3*01	5*01	NT	NT	05	06	NT	NT	NT	NT
3600	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01	NT	NT	NT	NT	NT	NT	NT
3625	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	01	01	05	06	NT	NT	03	05
3849	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	NT	NT	03	05
4237	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
4420	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	03	NT
4551	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	NT	NT	03	05
4582	02	11	15	35	03	04	13	15	3*01	5*01N	01	01	05	06	01	02	03	05
4585	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	NT	NT
4709	02	11	15	35	03	04	13	15	NT	NT	01	01	05	06	NT	NT	03	05
5451	02	11	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	NT	NT
6313	02	11	15	35	03	04	13	15	NT	NT	NT	NT	05	06	NT	NT	NT	NT
9221	02	11	15	35	03	04	13	15	3*PRESENT	5*PRESENT	01	01	05	06	01	02	03	05

Final Consensus	02	11	15	35	03	04	13	15	3*01	5*01	01	01	05	06	01	02	03	05
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Table 11. Individual laboratory results for DNA # 803 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
80	NT	NT	NT	NT	NT	NT	NT	NT	NT	5*01:01	NT	NT	NT	NT	03:01	03:01	105:01	105:01
124	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	01:02	05:05	06:02	03:01	NT	NT	105:01	105:01
134	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
138	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	04:02	105:01
143	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
144	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	01:02:01G	05:01:01G	03:01:01G	06:02:01G	NT	NT	NT	NT
147	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
148	68:02	74:01P	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	04:02P	04:02P
155	NT	NT	NT	NT	NT	NT	11:02P	15:03:01G	3*02:02:01G	5*01:01P	NT	NT	03:01	06:02	NT	NT	NT	NT
158	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	105:01
160	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	NT	NT
162	68:02	74:01:01G	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	11:02	15:03	NT	NT	01:02	05:05	03:01	06:02	NT	NT	NT	NT
174	68:02:01	74:01:01G	53:01:01	58:02	04:01:01:01	06:02:01:01	11:02:01	15:03:01:01	NT	NT	NT	NT	03:01:01:01	06:02:01	NT	NT	NT	NT
175	68:02	74:01	53:01	NT	NT	NT	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
185	68:02:01G	74:01:01G	53:01:01G	58:02	04:01:01G	06:02:01G	11:02:01	15:03:01G	3*02:02:01G	5*01:01:01	01:02:01G	05:01:01G	03:01P	06:02P	NT	NT	04:02:01G	04:02:01G
188	68:02	74:01P	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02:01G	05:05	03:01:01G	06:02:01G	NT	NT	NT	NT
192	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	105:01
193	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
195	NT	NT	53:01	58:02	NT	06:02	11:02	NT	NT	NT	NT	NT	NT	03:01	03:01	04:02P	04:02P	
197	68:02	74:01P	53:01	58:02	04:01P	06:02	11:02	15:03	NT	NT	NT	05:05	03:01	06:02	03:01	NT	04:02P	105:01
205	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02:01G	5*01:01	01:02P	05:01P	03:01	06:02	03:01	03:01	105:01	105:01
207	68:02	NT	NT	NT	NT	NT	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
208	68:02	74:01:01G	53:01	58:02	NT	NT	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	105:01
213	68:02	74:01	53:01	58:02	NT	NT	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
218	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
223	NT	NT	NT	NT	04:01	06:02	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*01:01:02:01	5*01:01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT
227	68:02	74:01	53:01:01	58:02	04:01	06:02	11:02:01	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
234	68:02	74:01:01G	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	NT	NT
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01	NT	NT	NT	NT	NT
238	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	NT	105:01	NT
240	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	01:02P	05:01P	03:01	06:02	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:02	05:05:01	NT	NT	NT	NT	NT	NT
244	68:02P	74:01P	53:01P	58:02	04:01P	06:02P	11:02P	15:03P	NT	NT	01:02P	05:01P	03:01P	06:02P	NT	NT	NT	NT
249	68:02:01	74:01	53:01:01	58:02	04:01:01	06:02:01	11:02:01	15:03:01	3*02:02:01	5*01:01:01	01:02:01	05:05:01	03:01:01	06:02:01	NT	NT	105:01	105:01
252	NT	NT	NT	NT	NT	06:02:01G	NT	NT	NT	NT	NT	NT	03:01:01G	NT	NT	NT	NT	NT
258	68:02:01	74:01	53:01:01	58:02	04:01:01	06:02:01	11:02:01	15:03:01	NT	NT	NT	NT	03:01:01	06:02:01	NT	NT	04:02:01G	04:02:01G
264	68:02:01G	74:01:01G	53:01:01	58:02	04:01:01G	06:02:01G	11:02:01	15:03:01G	3*02:02:01G	5*01:01:01	01:02:01G	05:01:01G	03:01:01G	06:02:01	03:01	03:01	105:01	105:01
267	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT
272	68:02	74:01:01G	53:01	58:01	04:01:01G	06:02	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
273	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT
274	68:02	74:01	53:01P	58:02	04:01P	06:02P	11:02	15:03	NT	NT	01:02	05:05	03:01	06:02P	NT	NT	NT	NT
275	68:02	74:01	53:01	58:02	NT	NT	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	03:01	04:02	105:01
279	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	NT
280	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
281	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	03:01	03:01	105:01	105:01
284	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT

Table 11. Individual laboratory results for DNA # 803 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
292	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
294	68:02	74:01P	53:01	58:02	NT	NT	11:02	15:03	NT	5*01:01	01:02P	05:01P	NT	NT	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:02:01:01	05:05:01:01	NT	NT	NT	NT	NT	NT
306	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	03:01	105:01	105:01
307	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
401	68:02	74:01:01G	53:01:01	58:02	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	105:01	105:01
615	68:02:01G	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02	15:03:01G	3*02:02:01G	5*01:01	NT	NT	03:01:01G	06:02:01G	NT	NT	04:02:01G	04:02:01G
702	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
714	68:02	74:01	53:01	58:02	04:01:01G	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
726	68:02	NT	NT	58:02	NT	NT	11:02	15:03	NT	5*01:01	01:02P	05:01P	NT	NT	03:01	03:01	105:01	105:01
732	68:02:01	74:01:01G	53:01:01	58:02	04:01:01G	06:02:01	11:02:01	15:03:01	3*02:02:01G	5*01:01:01	NT	NT	03:01:01G	06:02:01G	NT	NT	NT	NT
769	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02:01G	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	105:01
805	68:02	74:01	53:01	58:02	04:01:01G	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02	NT
1212	68:02	NT	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	105:01
1251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1498	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02:01	15:03:01	3*02:02:01G	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
1647	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	105:01	105:01
1686	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	03:01	105:01	105:01
2004	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	NT	NT
2013	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
2015	68:02	74:01P	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01	03:01	105:01	105:01
2411	68:02	74:01:01G	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:01	03:01	04:02:01G	04:02:01G	
2549	68:02	74:01	53:01	58:02	04:01	06:02:01G	11:02	15:03	NT	NT	01:02:01G	05:01:01G	03:01	06:02	03:01	03:02	04:02	105:01
3261	68:02	74:01	53:01	58:02	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3325	68:02	74:01	53:01	58:02	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
3438	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	NT	NT	03:01	06:02	NT	NT	NT	NT
3582	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02	15:03	3*02:02:01G	5*01:01	NT	NT	03:01	06:02	NT	NT	04:02:01G	04:02:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02P	04:02P
3614	68:02	74:01	53:01	58:02	04:01:01G	06:02	11:02	15:03	NT	NT	01:02	NT	03:01	06:02	NT	NT	NT	NT
3625	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	NT	NT	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
3849	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02	15:03	3*02:02:01G	5*01:01	01:02	05:05	03:01:01G	06:02:01G	NT	NT	04:02:01G	04:02:01G
4237	68:02	74:01	53:01:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	NT	NT
4420	68:02	74:01	53:01	58:02	04:01	06:02	11:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02	NT
4545	68:02	74:01:01G	53:01	58:02	04:01:01G	06:02:01G	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	NT	NT	105:01	105:01
4551	NT	NT	NT	NT	NT	NT	11:02	15:03	3*02:02	5*01:01	NT	NT	03:01	06:02	NT	NT	105:01	NT
4582	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	03:01	105:01	105:01
4585	68:02	NT	NT	58:02	NT	NT	11:02	15:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4653	68:02P	74:01P	53:01:01	58:02	04:01:01G	06:02:01G	11:02:01	15:03P	NT	NT	NT	NT	03:01:01G	06:02P	NT	NT	NT	NT
4709	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
5451	68:02:01	74:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	105:01	105:01
6051	NT	NT	NT	NT	NT	NT	11:02	15:03	NT	5*01:01	NT	NT	03:01	06:02	03:01	03:01	105:01	105:01
6313	68:02:01	74:01	53:01:01	58:02	04:01:01	06:02:01	11:02:01	15:03:01	NT	NT	NT	NT	03:01:01	06:02:01	NT	NT	NT	NT

Final Consensus	68:02	74:01	53:01	58:02	04:01	06:02	11:02	15:03	3*02:02	5*01:01	01:02	05:05	03:01	06:02	03:01	03:01	04:02:01G	105:01
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Table 12. Individual laboratory results for DNA # 803 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
80	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
138	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	105
142	68	74	53	58	NT	NT	11	15	3*02	5*01	NT	NT	03	06	NT	NT	NT	NT
143	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
144	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
147	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	105	105
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
152	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	68	74	53	58	NT	NT	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
175	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
189	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
190	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
193	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
195	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	04
197	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	NT	04	105
205	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
206	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	NT	NT	NT	NT
209	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
213	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	105	105
214	NT	NT	53	58	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
226	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	04
234	68	74	53	58	04	06	11	15	3*02	5*01	NT	NT	03	06	NT	NT	NT	NT
237	68	74	53	53	NT	NT	11	15	3*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
238	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
239	68	74	53	58	04	06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
242	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	NT	NT	NT	NT
244	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
245	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	105	105
250	68	33	53	58	04	06	11	15	3*01	5*01	NT	NT	03	06	NT	NT	NT	NT
251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
252	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	NT	NT	NT	NT
255	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	105
266	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
267	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
268	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
271	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
272	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
273	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
274	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
278	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	105
279	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	105	NT
280	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
281	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	105
282	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
284	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
285	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
286	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT

Table 12. Individual laboratory results for DNA # 803 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
289	68	74	53	58	04	06	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
293	68	74	53	58	NT	NT	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
294	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
299	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
302	68	66	35	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	NT	NT	NT	NT
304	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
305	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
306	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
307	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
401	68	74	53	58	04	06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
615	68	74	53	58	04	06	11	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
726	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
732	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
805	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1113	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1212	NT	74	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1251	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1647	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	03	03	105	105
2004	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	NT	NT
2013	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
2347	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	03	03	105	105
2411	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
2518	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	03	03	105	105
2549	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	04	105
3264	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	03	03	04	105
3325	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
3410	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
3438	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
3582	68	74	53	58	04	06	11	15	3*02	5*01	NT	NT	03	06	NT	NT	NT	NT
3600	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	05	NT	NT	NT	NT	NT	NT	NT
3625	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	NT	NT	105	105
3849	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	04	04
4237	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
4420	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	04	NT
4551	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	NT	NT	105	NT
4582	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	105	105
4585	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	NT	NT
4709	68	74	53	58	04	06	11	15	NT	NT	01	05	03	06	NT	NT	04	105
5451	68	74	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	NT	NT
6313	68	74	53	58	04	06	11	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
9221	68	74	53	58	04	06	11	15	3*PRESENT	5*PRESENT	01	05	03	06	03	NT	105	NT

Final Consensus	68	74	53	58	04	06	11	15	3*02	5*01	01	05	03	06	03	03	NG	105
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Table 13. Individual laboratory results for DNA # 804 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
80	NT	NT	35:12	NT	NT	NT	NT	NT	NT	NT	04:01	NT	NT	01:03	02:01	04:02	05:01P	
124	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NT	03:02	04:01	02:02	04:02	NT	NT	04:02	05:01
134	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01
138	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	04:02	05:01
143	02:01	29:02	35:12	45:01	04:01:01G	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
144	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01:02G	NT	NT	03:01:01G	04:01	02:02	04:02:01G	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
155	NT	NT	NT	NT	NT	NT	08:02P	09:01:02G	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
158	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01
160	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
162	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01:02	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	08:02	09:01	NT	NT	03:03	04:01	02:02	04:02	NT	NT	NT	NT
174	02:01:01G	29:02:01:01	35:12	45:01:01	04:01:01:01	06:02:01:01	08:02:01	09:01:02	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	NT	NT
175	02:01	29:02	35:12	45:01	NT	NT	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
185	02:01:01G	29:02:01G	35:12:01	45:01:01G	04:01:01G	06:02:01G	08:02:01	09:01:02G	4*01:01:01G	NP	03:01:01G	04:01:01G	02:01P	04:02P	NT	NT	04:02:01G	05:01:01G
188	02:01	29:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NP	NT	04:01	02:02	04:02	NT	NT	NT	NT
192	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	04:02	135:01
193	02:01	29:02	35:12	45:01	04:01:01G	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
195	NT	NT	35:12	45:01	NT	06:02	08:02	09:01	NT	NT	NT	04:01	NT	04:02	NT	NT	04:02P	05:01
197	02:01	29:02	35:12	45:01	04:01P	06:02	08:02	09:01P	NT	NT	NT	04:01	02:02	04:02	01:03	02:01	04:02	05:01P
205	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01P	4*01:01	NP	03:03	04:01	02:02	04:02	01:03	02:01	04:02	05:01
207	NT	NT	35:12	45:01	NT	NT	08:02	NT	NT	NT	NT	04:01	NT	NT	NT	NT	04:02	05:01
208	02:01	29:02	35:12	45:01	NT	NT	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	04:02P	05:01P
213	NT	NT	NT	NT	NT	NT	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
218	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
223	NT	NT	NT	NT	04:01	06:02	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	02:01	29:01	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01:01:01	4*01:01:01:01	03:01	04:01	02:02	04:02	NT	NT	NT	NT
227	02:01	29:02:01	35:12	45:01	04:01	06:02	08:02:01	09:01:02	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
234	02:01:01G	29:02:01G	35:12	45:01	04:01:01G	06:02	08:02	09:01	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
238	02:01	29:02	35:12	45:01	04:01	06:02	NT	NT	NT	NT	03:03	04:01	02:02	04:02	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	03:01P	04:01	02:02	04:02	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:03	04:01:01	NT	NT	NT	NT	NT	NT
244	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	NT	NT
249	02:01:01	29:02:01	35:12:01	45:01:01	04:01:01	06:02:01	08:02:01	09:01:02	4*01:01:01	NP	03:03	04:01:01	02:02:01	04:02:01	NT	NT	04:02:01	05:01:01
252	NT	NT	NT	45:01:01G	NT	06:02:01G	08:02	NT	NT	NT	NT	NT	NT	04:02:01G	NT	NT	NT	NT
258	02:01:01	29:02:01	35:12	45:01:01	04:01:01	06:02:01	08:02:01	09:01:02G	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	04:02:01G	05:01:01G
264	02:01:01G	29:02:01G	35:12:01	45:01:01	04:01:01G	06:02:01G	08:02:01	09:01:02G	4*01:01:01:01	NP	03:01:01G	04:01:01	02:02:01	04:02:01	01:03:01G	02:01:01	04:02:01G	05:01:01G
267	02:01	29:01	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:02	04:01	02:02	04:01	NT	NT	NT	NT
272	02:01:01G	29:02	35:12	45:01	04:01:01G	06:02:01	08:02	09:01	NT	NT	NT	NT	02:01	04:02	NT	NT	NT	NT
273	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	NT	NT
274	02:01P	29:02	35:12	45:01	04:01P	06:02P	08:02	09:01P	NT	NT	03:03	04:01	02:02	04:02P	NT	NT	NT	NT
275	02:01	29:02	35:12	45:01	NT	NT	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NT	03:01	04:01	02:02	04:02	01:03	02:01	04:02	05:01
279	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	04:02	05:01
280	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01:02G	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
284	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	NT	NT

Table 13. Individual laboratory results for DNA # 804 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
292	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
294	02:01P	29:02	35:12	45:01	04:01	06:02P	08:02	09:01P	4*01:01	NP	03:01P	04:01	NT	04:02P	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
306	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	4*01:01	03:02	04:01	02:02	04:02	01:03	02:01	04:02	05:01
307	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
401	02:01	29:02	35:12:01	45:01:01	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	02:01	29:02	35:12	45:01	04:01:01G	06:02:01G	08:02	09:01:02G	NT	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01:01G
615	02:01:01G	29:02:01G	35:12	45:01:01G	04:01:01G	06:02:01G	08:02	09:01:02G	4*01:01:01G	NT	NT	NT	02:01:01G	04:02:01G	NT	NT	04:02:01G	05:01:01G
702	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	04:02	05:01
714	02:01	29:02	35:12	45:01	04:01:01G	06:02	08:02	09:01:02G	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
726	NT	NT	35:12	45:01P	NT	NT	08:02	NT	NT	NT	03:01P	04:01	NT	04:02P	01:03	02:01	04:02	05:01P
732	02:01:01	29:02:01	35:12:01	45:01	04:01:01G	06:02:01G	08:02:01	09:01:02G	4*01:01:01	NP	NT	NT	02:02:01	04:02:01G	NT	NT	NT	NT
769	02:01P	29:02	35:12	45:01	04:01	06:02	08:02	09:01P	4*01:01P	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01P
805	02:01	29:02	35:12	45:01	04:01:01G	06:02	08:02	09:01:02G	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02	05:01
1212	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1498	02:01:01G	29:02	35:12	45:01	04:01:01G	06:02:01G	08:02:01	09:01:02G	4*01:01:01	NP	03:03	04:01:01	02:02:01	04:02:01	NT	NT	04:02	05:01:01
1647	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NP	NT	NT	02:02	04:02	NT	NT	04:02	05:01
1686	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	01:03	02:01	04:02	05:01
2004	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	NT	NT
2013	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
2015	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:03	02:01	04:02	05:01P
2411	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:03	02:01	04:02	05:01
2549	02:01	29:02	35:12	45:01	04:01	06:02:01G	08:02	09:01	NT	NT	03:03	04:01	02:02	04:02	01:03	02:01	04:02	05:01:01G
3261	02:01	29:02	35:12	45:01	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3325	02:01	29:02	35:12	45:01	04:01	06:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
3438	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
3582	02:01	29:02	35:12	45:01	04:01:01G	06:02:01G	08:02	09:01:02G	NT	NP	NT	NT	02:02	04:02	NT	NT	04:02:01G	05:01:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02P	05:01P
3614	02:01	29:02	35:12	45:01	04:01:01G	06:02	08:02	09:01	NT	NT	NT	04:01	02:02	04:02	NT	NT	NT	NT
3625	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	02:02	04:02	NT	NT	04:02	05:01
3849	02:01:01G	29:02:01G	35:12	45:01:01G	04:01:01G	06:02:01G	08:02	09:01:02G	4*01:01:01G	NP	03:03	04:01	02:01:01G	04:02:01G	NT	NT	04:02:01G	05:01:01G
4237	02:01	29:02	35:12:01	45:01	04:01	06:02	08:02	09:01P	4*01:01	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
4420	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	NT	NT	NT	NT	NT	04:02	NT	NT	04:02	NT
4545	02:01	29:02	35:12	45:01	04:01:01G	06:02:01G	08:02	09:01:02G	4*01:01	NP	03:03	04:01	02:02	04:02	NT	NT	04:02	05:01
4551	02:01:01G	29:02:01G	35:12	45:01	04:01:01G	06:02:01G	08:02	09:01	4*01:01	NP	NT	04:01	02:02	04:02	01:03	02:01	04:02	05:01
4582	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:03	04:01	02:02	04:02	01:03	02:01	04:02	05:01:01G
4585	NT	NT	NT	NT	NT	NT	08:02	NT	NT	NT	NT	04:01	NT	NT	NT	NT	NT	NT
4653	02:01:01G	29:02P	35:12	45:01P	04:01:01G	06:02:01G	08:02:01	09:01P	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	NT	NT
4709	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NT	03:03	04:01	02:02	04:02	NT	NT	04:02	05:01
5451	02:01:01	29:02:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04:02:01	05:01:01
6051	NT	NT	35:12	NT	NT	NT	08:02	09:01	NT	NP	NT	04:01	02:02	04:02	01:03	02:01	04:02	05:01:01G
6313	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Final Consensus	02:01	29:02	35:12	45:01	04:01	06:02	08:02	09:01	4*01:01	NP	03:01:01G	04:01	02:02	04:02	01:03	02:01	04:02	05:01
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Table 14. Individual laboratory results for DNA # 804 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
80	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
138	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
142	02	29	35	45	NT	NT	08	09	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
143	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
144	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
152	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	02	29	35	45	NT	NT	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
175	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
189	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
190	02	29	35	45	04	06	08	09	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
193	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
195	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
197	02	29	35	45	04	06	08	09	4*01	NT	03	04	02	04	01	02	04	05
205	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
206	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	29	29	35	45	04	06	08	09	4*PRESENT	NP	03	04	02	04	NT	NT	04	05
209	02	29	35	45	04	06	08	09	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
213	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
214	NT	NT	35	45	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
226	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
234	02	29	35	45	04	06	08	09	4*01	NP	NT	NT	02	04	NT	NT	04	05
237	02	29	35	45	NT	NT	08	09	4*PRESENT	NT	NT	NT	02	04	NT	NT	NT	NT
238	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
239	02	29	35	45	04	06	08	09	4*PRESENT	NT	NT	NT	02	04	NT	NT	NT	NT
240	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
242	02	29	35	45	04	06	08	09	4*PRESENT	NT	03	04	02	04	NT	NT	NT	NT
244	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
245	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	04	05
250	02	29	35	45	04	06	08	09	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
251	02	29	35	45	NT	NT	08	09	4*01	4*01	NT	NT	02	04	NT	NT	NT	NT
252	02	29	35	45	04	06	08	09	4*PRESENT	NP	03	04	02	04	NT	NT	NT	NT
255	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
266	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
267	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
268	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
271	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
272	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
273	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
274	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
278	02	29	35	45	04	06	08	09	4*01	NT	03	04	02	04	01	02	04	05
279	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	04	05
280	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
282	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
284	02	29	35	45	04	06	08	09	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
285	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
286	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT

Table 14. Individual laboratory results for DNA # 804 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
289	02	29	35	45	04	06	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
293	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
294	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
299	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
304	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
305	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
306	02	29	35	45	04	06	08	09	4*01	4*01	03	04	02	04	01	02	04	05
307	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
401	02	29	35	45	04	06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
615	02	29	35	45	04	06	08	09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
726	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
732	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
805	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1113	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1212	02	29	35	45	NT	NT	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1251	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1647	02	29	35	45	04	06	08	09	4*PRESENT	NP	03	04	02	04	01	02	04	05
2004	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	NT	NT
2013	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
2347	02	29	35	45	04	06	08	09	4*PRESENT	NP	03	04	02	04	01	02	04	05
2411	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
2518	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	01	02	04	05
2549	02	29	35	45	04	06	08	09	4*01	NT	03	04	02	04	01	02	04	05
3264	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	01	02	04	05
3325	02	29	35	45	04	06	08	09	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
3410	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
3438	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
3582	02	29	35	45	04	06	08	09	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
3600	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03	NT	NT	NT	NT	NT	NT	NT
3625	02	29	35	45	04	06	08	09	4*PRESENT	NT	03	04	02	04	NT	NT	04	05
3849	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	NT	NT	04	05
4237	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
4420	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	04	NT
4551	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
4582	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
4585	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	NT	NT
4709	02	29	35	45	04	06	08	09	NT	NT	03	04	02	04	NT	NT	04	05
5451	02	29	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	NT	NT
6313	02	29	35	45	04	06	08	09	NT	NT	NT	NT	02	04	NT	NT	NT	NT
9221	02	29	35	45	04	06	08	09	4*PRESENT	NT	03	04	02	04	01	02	04	05

Final Consensus	02	29	35	45	04	06	08	09	4*01	NP	03	04	02	04	01	02	04	05
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Table 15. Individual laboratory results for DNA # 805 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
80	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	04:01	NT	NT	02:01	02:01	01:01	17:01P
124	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:01	NT	02:01	04:01	02:02	04:02	NT	NT	01:01	17:01
134	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01:01G
138	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	01:01	17:01
143	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
144	NT	33:01	14:02	18:01	NT	NT	07:01:01G	08:01	NT	NT	02:01	04:01	02:02	04:02:01G	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
155	NT	NT	NT	NT	NT	NT	07:01:01G	08:01:01G	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
158	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01
160	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
162	24:02	33:03	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	07:01	08:01	NT	NT	02:01	04:01	02:02	04:02	NT	NT	NT	NT
174	24:02:01:01	33:01:01	14:02:01	18:01:01	08:02:01	12:03:01:01	07:01:01:01	08:01:01	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	NT	NT
175	24:02	33:01	NT	18:01	NT	NT	NT	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
185	24:02:01G	33:01:01	14:02:01	18:01:01G	08:02:01G	12:03:01G	07:01:01G	08:01:01G	4*01:01:01G	NP	02:01	04:01:01G	02:01P	04:02P	NT	NT	01:01:01	17:01:01G
188	24:02	33:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT
192	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01
193	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	24:02	33:01	14:02	18:01	08:02	12:03	07:01P	08:01	NT	NT	02:01	04:01	02:02	04:02	02:01	NT	01:01	17:01
205	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
207	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	04:01	NT	NT	NT	NT	01:01	17:01
208	24:02	33:01	14:02	18:01	NT	NT	07:01	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	24:02	33:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	NT	NT	NT	NT	NT	NT	07:01	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
218	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
223	NT	NT	NT	NT	08:02	12:03	07:01	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	24:02	30:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:01:01:01	4*01:01:01:01	02:01	04:01	02:02	04:02	NT	NT	NT	NT
227	24:02	33:01	14:02:01	18:01:01	08:02	12:03:01	07:01:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
234	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01
237	NT	NT	14:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
238	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	02:01	04:01	02:02	04:02	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT
249	24:02:01	33:01:01	14:02:01	18:01:01	08:02:01	12:03:01	07:01:01	08:01:01	4*01:03:01	NP	02:01	04:01:01	02:02:01	04:02:01	NT	NT	01:01:01	17:01
252	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
258	24:02	33:01:01	14:02:01	18:01:01	08:02:01	12:03:01	07:01:01G	08:01	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	01:01:01	17:01:01G
264	24:02:01G	33:01:01	14:02:01	18:01:01G	08:02:01G	12:03:01G	07:01:01G	08:01:01G	4*01:01:01G	NP	02:01	04:01:01	02:02:01	04:02:01	02:01:01	02:01:02	01:01:01	17:01
267	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:01	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT
272	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:01	04:02	NT	NT	NT	NT
273	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT
274	24:02P	33:01	14:02	18:01P	08:02P	12:03P	07:01P	08:01	NT	NT	02:01	04:01	02:02	04:02P	NT	NT	NT	NT
275	24:02	33:01	14:02	18:01	NT	NT	07:01	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NT	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
279	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
280	24:02	33:01	14:02	18:01	08:02	12:03	07:01:01G	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
284	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT

Table 15. Individual laboratory results for DNA # 805 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
292	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
294	NT	33:01	14:02	NT	NT	NT	07:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
306	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:01	4*01:01	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
307	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
401	24:02	33:01:01	14:02:01	18:01:01G	08:02	12:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	24:02	33:01	14:02	18:01:01G	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	01:01	17:01
615	24:02:01G	33:01	14:02	18:01:01G	08:02:01G	12:03:01G	07:01:01G	08:01:01G	4*01:01:01G	NT	NT	NT	02:01:01G	04:02:01G	NT	NT	01:01	17:01:01G
702	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	01:01	17:01
714	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
726	NT	NT	14:02	NT	NT	NT	NT	NT	NT	NT	02:01	04:01	NT	04:02P	02:01	02:01	01:01	17:01
732	24:02	33:01:01	14:02	18:01:01G	08:02:01	12:03:01	07:01:01	08:01	4*01:03:01	NP	NT	NT	02:02:01	04:02:01G	NT	NT	NT	NT
769	24:02	33:01	14:02	18:01	08:02	12:03	07:01P	08:01	4*01:01P	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01
805	24:02	33:01	14:02	18:01	08:02	12:03	07:01:01G	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:01	17:01
1212	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1498	24:02:01G	33:01	14:02	18:01:01G	08:02	12:03	07:01:01G	08:01	4*01:03	NP	02:01	04:01	02:02:01	04:02:01	NT	NT	01:01	17:01
1647	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01
1686	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
2004	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	NT	NT
2013	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
2015	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	02:01	01:01	17:01
2411	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	02:01	01:01	17:01
2549	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	02:01	04:01	02:02	04:02	02:01	NT	01:01	17:01
3261	24:02	33:01	14:02	18:01	08:02	12:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	24:02	33:01:01	14:02:01	18:01:01	08:02:01	12:03:01	07:01P	08:01	4*01:03	NP	NT	NT	02:02:01	04:02:01	NT	NT	01:01:01	17:01:01G
3325	24:02	33:01	14:02	18:01	08:02	12:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	NT	NT
3438	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:01	NT	NT	NT	NT
3582	24:02	33:01	14:02	18:01:01G	08:02	12:03	07:01:01G	08:01	NT	NP	NT	NT	02:02	04:02	NT	NT	01:01	17:01:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:01P	17:01P
3614	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	02:01	04:01	02:02	04:02	NT	NT	NT	NT
3625	24:02	33:01	14:02	NT	NT	NT	07:01	08:01	NT	NT	02:01	04:01	02:02	04:02	NT	NT	01:01	17:01
3849	24:02:01G	33:01	14:02	18:01:01G	08:02:01G	12:03:01G	07:01	08:01	4*01:01:01G	NP	02:01	04:01	02:01:01G	04:02:01G	NT	NT	01:01	17:01:01G
4237	24:02	33:01:01	14:02:01	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	NT	NT	02:02	04:02	NT	NT	NT	NT
4420	24:02	33:03	14:02	18:01	08:02	12:03	07:01	08:01	NT	NT	NT	NT	02:02	04:02	NT	NT	01:01	NT
4545	24:02	33:01	14:02	18:01:01G	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	NT	NT	01:01	17:01
4551	24:02:01G	33:01	14:02	18:01:01G	08:02:01G	12:03:01G	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
4582	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:03	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
4585	NT	NT	14:02	NT	NT	NT	NT	NT	NT	NT	02:01	04:01	NT	NT	NT	NT	NT	NT
4653	24:02:01G	33:01:01	14:02:01	18:01:01G	08:02:01G	12:03P	07:01P	08:01P	NT	NT	NT	NT	02:02:01	04:02:01	NT	NT	NT	NT
4709	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
5451	24:02:01	33:01:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:01:01	17:01	
6051	NT	NT	14:02	NT	NT	NT	07:01	08:01	NT	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01:01G
6313	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Final Consensus	24:02	33:01	14:02	18:01	08:02	12:03	07:01	08:01	4*01:01:01G	NP	02:01	04:01	02:02	04:02	02:01	02:01	01:01	17:01
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Table 16. Individual laboratory results for DNA # 805 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
80	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
138	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
142	24	33	14	18	NT	NT	07	08	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
143	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
144	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
152	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	24	33	14	18	NT	NT	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
175	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
189	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	NT	NT
190	24	33	14	18	08	12	07	08	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
193	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	24	33	14	18	08	12	07	08	4*01	NT	02	04	02	04	02	NT	01	17
205	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
206	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	24	33	14	18	08	12	07	08	4*PRESENT	NP	02	04	02	04	NT	NT	01	17
209	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
214	NT	NT	14	18	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
226	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
234	24	33	14	18	08	12	07	08	4*01	NP	02	06	02	04	NT	NT	01	17
237	24	33	14	18	NT	NT	07	08	4*PRESENT	NT	NT	NT	02	04	NT	NT	NT	NT
238	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
239	24	33	14	18	08	12	07	08	4*PRESENT	NT	NT	NT	02	04	NT	NT	NT	NT
240	24	33	14	18	08	12	07	08	NT	NT	02	06	02	04	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	NT	NT
245	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	01	17
250	24	33	14	18	08	12	07	08	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
252	24	33	14	18	08	NT	07	08	4*PRESENT	NP	02	04	02	04	NT	NT	NT	NT
255	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
266	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
267	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	01	NT	NT	NT
268	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
271	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
272	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
273	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	NT	NT
274	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
278	24	33	14	18	08	12	07	08	4*01	4*01	02	04	02	04	02	02	01	17
279	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
280	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
282	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
284	24	33	14	18	08	12	07	08	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
285	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
286	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT

Table 16. Individual laboratory results for DNA # 805 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
289	24	33	14	18	08	12	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
293	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
294	24	33	14	18	08	12	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
299	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
304	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
305	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
306	24	33	14	18	08	12	07	08	4*01	4*01	02	04	02	04	02	02	01	17
307	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
401	24	33	14	18	08	12	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
615	24	33	14	18	08	12	07	08	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
726	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
732	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
805	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1113	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1212	24	33	14	18	NT	NT	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1251	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
1647	24	33	14	18	08	12	07	08	4*PRESENT	NP	02	04	02	04	02	02	01	17
2004	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	NT	NT
2013	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
2347	24	33	14	18	08	12	07	08	4*PRESENT	NP	02	04	02	04	02	02	01	17
2411	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
2518	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	02	02	01	17
2549	24	33	14	18	08	12	07	08	4*01	NT	02	04	02	04	02	NT	01	17
3264	24	33	14	18	08	12	07	08	4*01	NP	NT	NT	02	04	NT	NT	01	17
3325	24	33	14	18	08	12	07	08	4*PRESENT	NP	NT	NT	02	04	NT	NT	NT	NT
3410	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
3438	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
3582	24	33	14	18	08	12	07	08	4*01	NP	NT	NT	02	04	NT	NT	NT	NT
3600	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3625	24	33	14	18	08	12	07	08	4*PRESENT	NT	02	04	02	04	NT	NT	01	17
3849	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	01	17
4237	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
4420	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	01	NT
4551	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
4582	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
4585	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	NT	NT
4709	24	33	14	18	08	12	07	08	NT	NT	02	04	02	04	NT	NT	01	17
5451	24	33	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	NT	NT	NT	NT
6313	24	33	14	18	08	12	07	08	NT	NT	NT	NT	02	04	NT	NT	NT	NT
9221	24	33	14	18	08	12	07	08	4*PRESENT	NT	02	04	02	04	02	NT	01	17

Final Consensus	24	33	14	18	08	12	07	08	4*01	NP	02	04	02	04	02	02	01	17
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Table 17. Individual laboratory results for DNA # 806 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
80	NT	68:03	NT	NT	NT	NT	NT	NT	NT	5*01:01	NT	NT	NT	NT	01:03	01:03	02:01P	04:02
124	03:01	68:03	07:02	39:05	07:02	NT	04:07	15:01	NT	NT	01:02	03:01	03:02	06:02	NT	NT	02:01	04:02
134	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01	04:02
138	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	02:01	04:02
143	03:01	68:03	07:02	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
144	03:01	68:03	07:02	39:05	07:02	07:02	04:07:01G	15:01	NT	NT	01:02:01G	03:01:01G	03:02:01G	06:02:01G	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
155	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
158	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01	04:02
160	03:01	68:03	07:02	39:05	07:02	NT	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	NT	NT
162	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
173	NT	NT	NT	NT	NT	NT	04:07	15:01	NT	NT	01:02	03:01	03:02	06:02	NT	NT	NT	NT
174	03:01:01:01	68:03:01	07:02:01	39:05:01	07:02:01G	07:02:01G	04:07:01	15:01:01:01	NT	NT	NT	NT	03:02:01	06:02:01	NT	NT	NT	NT
175	03:01	68:03	07:02	39:05	NT	NT	NT	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
176	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
185	03:01:01G	68:03:01	07:02:01G	39:05:01	07:02:01G	07:02:01G	04:07P	15:01P	4*01:01:01G	5*01:01:01	01:02:01G	03:01:01G	03:02P	06:02P	NT	NT	02:01:02G	04:02:01G
188	03:01	68:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
189	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	5*01:01	01:02:01G	NT	03:02:01G	06:02:01G	NT	NT	NT	NT
192	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01	04:02
193	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	03:01	68:03	07:02P	39:05	07:02P	NT	04:07P	15:01	NT	NT	NT	NT	03:02	06:02	01:03	NT	02:01	04:02
205	03:01	68:03	07:02:01G	39:05	07:02	07:02	04:07P	15:01	4*01:03	5*01:01	01:02P	03:01	03:02	06:02	01:03	01:03	02:01	04:02
207	NT	NT	NT	39:05	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	04:02
208	03:01	68:03	07:02	39:05	NT	NT	04:07	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	03:01	68:03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	NT	NT	NT	NT	NT	NT	04:07	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
218	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
223	NT	NT	NT	NT	07:02	07:02	04:07	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
225	03:01	68:03	07:02	39:05	07:01	07:03	04:07	15:01	4*01:01:01:01	5*01:01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
227	03:01	68:03:01	07:02:01	39:05	07:02	07:02	04:07:01	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
234	03:01	68:01	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	02:01	04:02
237	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:02	NT	NT	NT	NT	NT
238	03:01	68:03	07:02	39:05	07:02	NT	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
239	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
240	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	01:02P	03:01P	03:02	06:02	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
249	03:01:01	68:03:01	07:02:01	39:05:01	07:02:01	07:02:01	04:07:01	15:01:01	4*01:03:01	5*01:01:01	01:02:01	03:01:01	03:02:01	06:02:01	NT	NT	02:01:02	04:02:01
252	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03:02:01G	NT	NT	NT	NT	NT	NT
258	03:01:01	68:03:01	07:02:01	39:05:01	07:02:01	07:02:01	04:07:01G	15:01	NT	NT	NT	NT	03:02:01	06:02:01	NT	NT	02:01:02G	04:02:01G
264	03:01:01G	68:03:01	07:02:01G	39:05:01	07:02:01G	07:02:01G	04:07:01G	15:01:01G	4*01:01:01G	5*01:01:01	01:02:01G	03:01:01	03:02:01	06:02:01	01:03:01G	01:03:01G	02:01:02	04:02:01G
267	03:01	68:03	07:02	39:01	07:01	07:02	04:07	15:01	4*01:01	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
272	NT	NT	07:02	39:05	07:02:01G	07:02:01G	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
273	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
274	03:01P	68:03	07:02P	39:05	07:02P	07:02P	04:07	15:01	NT	NT	01:02	03:01	03:02P	06:02P	NT	NT	NT	NT
275	03:01	68:03	07:02	39:05	NT	NT	04:07	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
278	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	01:03	01:03	02:01	04:02
279	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
280	03:01	68:03	07:02	39:05	07:02	07:02	04:07:01G	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
284	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT

Table 17. Individual laboratory results for DNA # 806 High Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	NT	NT	NT	NT	NT	NT	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
292	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
294	NT	68:03	NT	39:05	NT	NT	04:07P	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
306	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:01	5*01:01	01:02	03:01	03:02	06:02	01:03	01:03	02:01	04:02
307	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
401	03:01	68:03:01	07:02:01G	39:05:01	07:02	07:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	03:01	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	02:01	04:02
615	03:01:01G	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01:01G	4*01:01:01G	5*01:01	NT	NT	03:02:01G	06:02:01G	NT	NT	02:01:02G	04:02:01G
702	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	02:01	04:02
714	03:01	68:03	07:02	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
726	NT	NT	NT	39:05	NT	NT	04:07P	NT	4*01:01P	5*01:01	01:02P	03:01P	03:02P	NT	01:03	01:03	02:01	04:02
732	03:01:01	68:03:01	07:02:01G	39:05:01	07:02:01G	07:02:01G	04:07:01G	15:01	4*01:03:01	5*01:01:01	NT	NT	03:02:01G	06:02:01G	NT	NT	NT	NT
769	03:01	68:03	07:02:01G	39:05	07:02	07:02	04:07P	15:01	4*01:01P	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01	04:02
805	03:01	68:03	07:02:01G	39:05	07:02	07:02	04:07:01G	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
1113	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01	04:02
1212	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1498	03:01:01G	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	4*01:03	5*01:01	01:02	03:01:01	03:02	06:02	NT	NT	02:01	04:02
1647	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	02:01	04:02
1686	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	01:03	01:03	02:01	04:02
2004	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	NT	NT
2013	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
2015	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2347	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:03	01:03	02:01	04:02
2411	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
2518	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	01:03	01:03	02:01	04:02
2549	03:01	68:03	07:02:01G	39:05	07:02:01G	NT	04:07:01G	15:01	NT	NT	01:02:01G	03:01	03:02	06:02	01:03	NT	02:01	04:02
3261	03:01	68:03	07:02	39:05	07:02	07:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3264	03:01:01	68:03:01	07:02:01	39:05:01	07:02:01	07:02:01	04:07:01G	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01:02G	04:02:01G
3325	03:01	68:03	07:02	39:05	07:02	07:02	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
3410	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
3438	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	NT	NT	03:02	06:02	NT	NT	NT	NT
3582	03:01	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	NT	5*01:01	NT	NT	03:02	06:02	NT	NT	02:01:02G	04:02:01G
3600	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01P	04:02P
3614	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	01:02	NT	03:02	06:02	NT	NT	NT	NT
3625	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	NT	NT	01:02	NT	03:02	06:02	NT	NT	02:01	04:02
3849	03:01:01G	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	4*01:01:01G	5*01:01	01:02	03:01	03:02:01G	06:02:01G	NT	NT	02:01:02G	04:02:01G
4237	03:01	68:03:01	07:02:01	39:05:01	07:02	07:02	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	NT	NT	NT	NT
4420	03:01	68:03	07:02	39:05	07:02	07:02	04:07	NT	NT	NT	NT	NT	03:02	NT	NT	NT	02:01	NT
4545	03:01	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07:01G	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	NT	NT	02:01	04:02
4551	03:01:01G	68:03	07:02:01G	39:05	07:02:01G	07:02:01G	04:07	15:01	4*01:03	5*01:01	NT	NT	03:02	06:02	01:03	01:03	02:01	04:02
4582	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	01:03	01:03	02:01	04:02
4585	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4653	03:01:01G	68:03P	07:02:01G	39:05:01	07:02:01G	07:02:01G	04:07P	15:01P	NT	NT	NT	NT	03:02:01	06:02:01	NT	NT	NT	NT
4709	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
5451	03:01:01	68:03:01	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	02:01:02	04:02:01
6051	NT	68:03	NT	NT	NT	NT	04:07	15:01	NT	5*01:01	NT	NT	03:02	06:02	01:03	01:03	02:01:02G	04:02
6313	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Final Consensus	03:01	68:03	07:02	39:05	07:02	07:02	04:07	15:01	4*01:03	5*01:01	01:02	03:01	03:02	06:02	01:03	01:03	02:01	04:02
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Table 18. Individual laboratory results for DNA # 806 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
7	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
80	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
138	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
142	03	68	07	39	NT	NT	04	15	4*01	5*01	NT	NT	03	06	NT	NT	NT	NT
143	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
144	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
147	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
148	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
152	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
168	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
173	03	68	07	39	NT	NT	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
175	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
189	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
190	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
193	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	03	68	07	39	07	NT	04	15	4*01	5*01	01	03	03	06	01	NT	02	04
205	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
206	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
207	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	02	04
209	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
213	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
214	NT	NT	07	39	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
222	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
226	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
234	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	02	04
237	03	68	07	39	NT	NT	04	15	4*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
238	03	68	07	39	07	NT	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
239	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
240	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
244	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
245	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	02	04
250	03	68	07	39	07	NT	04	15	4*01	5*01	NT	NT	03	06	NT	NT	NT	NT
251	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
252	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	01	03	03	06	NT	NT	NT	NT
255	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
265	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
266	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
267	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
268	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
271	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
272	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
273	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
274	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
278	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
279	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
280	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
281	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
282	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
284	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
285	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
286	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT

Table 18. Individual laboratory results for DNA # 806 Low Resolution

CENTER	A		B		C		DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
288	03	68	07	39	07	07	04	15	NT	NT	01	01	03	06	NT	NT	NT	NT
289	03	68	07	39	07	07	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
290	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
292	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
293	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
294	03	68	07	39	07	07	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
299	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
302	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
304	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
305	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
306	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
307	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
401	03	68	07	39	07	07	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
519	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
615	03	68	07	39	07	07	04	15	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
714	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
726	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
732	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
805	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1113	03	68	07	39	07	NT	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1212	03	68	07	39	NT	NT	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1251	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
1647	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	01	03	03	06	01	01	02	04
2004	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	NT	NT
2013	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
2347	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	01	03	03	06	01	01	02	04
2411	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
2518	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	01	01	02	04
2549	03	68	07	39	07	NT	04	15	4*01	5*01	01	03	03	06	01	NT	02	04
3264	03	68	07	39	07	07	04	15	4*01	5*01	NT	NT	03	06	NT	NT	02	04
3325	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	NT	NT	03	06	NT	NT	NT	NT
3410	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
3438	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
3582	03	68	07	39	07	07	04	15	4*01	5*01	NT	NT	03	06	NT	NT	NT	NT
3600	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	NT	NT
3614	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	03	NT	NT	NT	NT	NT	NT	NT
3625	03	68	07	39	07	07	04	15	4*PRESENT	5*PRESENT	01	03	03	06	NT	NT	02	04
3849	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	NT	NT	02	04
4237	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
4420	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	02	NT
4551	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
4582	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
4585	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	NT	NT
4709	03	68	07	39	07	07	04	15	NT	NT	01	03	03	06	NT	NT	02	04
5451	03	68	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
6051	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	NT	NT
6313	03	68	07	39	07	07	04	15	NT	NT	NT	NT	03	06	NT	NT	NT	NT
9221	03	68	07	39	07	NT	04	15	4*PRESENT	5*PRESENT	01	03	03	06	01	NT	02	04

Final Consensus	03	68	07	39	07	07	04	15	4*01	5*01	01	03	03	06	01	01	02	04
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Participants and Methods

CENTER	A	B	C	DRB1	DRB3/4/5	DQA1	DQB1	DPA1	DPB1
7	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM
80	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
124					SSP-OL				
134	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSP-GV	SSO-OL	SSO-OL		SBT-ACT
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSP-GV		SSP-GV
		SSP-GV	SSP-GV	SSP-GV					
138	SBT-LT	SBT-LT	SBT-LT	SBT-LT	SSO-OL	SSO-OL	SBT-LT	SSO-OL	SSO-OL
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
				SSP-OLE					
142	SSO-LUM	SSO-LUM		SSO-LUM	SSO-LUM		SSO-LUM		
143	SBT-INV	SBT-INV	SBT-INV	SBT-INV			SBT-INV		
144	SBT-HA	SBT-HA	SBT-HA	SBT-HA		SBT-HA	SBT-HA		
	SSO-HA-OL	SSO-OL-OLE	SSO-OL	SSO-OL-OLE		SSO-OL-OLE	SSO-OL-OLE		
	SSP-OL								
147	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OL-OLE	SSP-OL-OLE	SSP-OLE	SSP-OL-OLE		SSP-OL-OLE
148	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SBT-GD	SSP-LB	SBT-PRO	SSP-LB	SBT-ACT
	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB		SSP-LB		SSP-LB
152	SSP-INV	SSP-INV		SSP-INV					
155				SBT-INH	SBT-INH		SBT-INH		
				SSP-LT	SSP-LT		SSP-LT		
158	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OLE		SSO-OL		SSP-OLE
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		
160	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSP-INV		SBT-ACT		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSP-INV		
	SSP-OLE	SSP-OLE	SSP-OLE						
162	SBT-BS	SBT-BS	SBT-BS	SBT-BS			SBT-BS		
	SSP-BS	SSP-BS	SSP-BS	SSP-BS			SSP-BS		
168	SSP-WAK	SSP-WAK		SSP-WAK					
173	SSO-LUM-OL	SSO-LUM-OL		SSO-LUM-OL		SSO-LUM-OL	SSO-LUM-OL		
						SSP-INV			
174	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL		
175	SSO-LUM	SSO-LUM	SSO-LUM	SBT-SC			SSO-LUM		
	SSP-INV	SSP-INV							
176	SBT-INH	SBT-INH	SBT-INH	SBT-INH			SBT-INH		
185	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH
188	SBT-ACT								
	SSO-OL								
	SSP-OLE								
189	SBT-LT-SC	SBT-LT-SC	SBT-LT-SC	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL		SSO-LUM-OL
	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL		SSP-OLE				
	SSP-INV	SSP-INV	SSP-INV-OLE						
190	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL		SSP-OL		
192	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SSP-OLE		SBT-INH		SBT-INH
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		SSP-OLE
193	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT			SBT-ACT		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
195	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-LB	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSP-LB-OLE	SSP-LB-OLE	SSP-LB	SSP-LB-OLE		SSP-LB-OLE	SSP-LB-OLE	SSP-LB	SSP-LB-OLE

Participants and Methods

CENTER	A	B	C	DRB1	DRB3/4/5	DQA1	DQB1	DPA1	DPB1
197	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSO-OL	SSO-OL	SBT-ACT	SSO-OL	SBT-ACT
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-LT	SSP-LT	SSO-OL		SSO-OL
205	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSO-OL	SSO-OL	SBT-ACT	SSO-OL	SBT-SC
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-INV	SSP-INV	SSO-OL	SSP-INV	SSO-OL
206	SSO-OL	SSO-OL		SSO-OL					
207	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSP-OLE	SSO-OL	SBT-ACT		SSO-OL
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		SSP-OLE
208	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		
	SBT-INV	SBT-INV		SBT-INV					
209	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-BR-OLE		SSO-OL		SSP-OLE
	SSP-BR-OL-OLE	SSP-BR-OLE	SSP-BR-OLE	SSP-BR-OLE			SSP-BR-OLE		
213	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OLE	SSP-OLE	SSO-OL		SSP-OLE
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		
214									
218	SBT-INH	SBT-INH	SBT-INH	SBT-INH			SBT-INH		
	SSP-INH	SSP-INH	SSP-INH	SSP-INH			SSP-INH		
222	SSP-OLE	SSP-OLE		SSP-OLE			SSP-OLE		
			SBT-ACT	SBT-ACT					
223			SSO-OL	SSO-OL					
			SSP-OLE	SSP-OLE					
225	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSP-OLE	SSO-LUM-OL	SSO-LUM-OL		
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OL-OLE		
226	SSO-OL	SBT-ACT	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SBT-ACT
		SSO-OL							SSO-OL
227	SBT-ACT-PRO	SBT-ACT	SBT-ACT	SBT-ACT			SBT-ACT		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
234	SBT-PRO	SBT-PRO	SBT-PRO	SBT-PRO	SSO-OL	SSO-OL	SSO-OL		SSO-OL
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-INV	SSP-INV	SSP-BT-INV		SSP-INV
237	SSP-BT	SSP-BT	SSP-INV-OL	SSP-BT					
	SSP-OLE	SSP-OLE		SSP-OLE	SSP-OLE		SSP-OLE		
238	SSO-HT	SSO-HT	SSO-HT	SSO-HT	SSP-OLE	SSO-HT	SSO-HT		
				SSP-PRO		SSP-OLE	SSP-OLE		
239	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL
	SBT-CG	SBT-CG	SBT-CG	SBT-CG		SSO-OL	SBT-CG		
240	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSP-OL	SSO-OL		
	SSP-OL	SSP-OL	SSP-OL	SSP-OL			SSP-OL		
242	SSP-OL-OLE	SSP-OL-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		
244	SSO-INH	SSO-INH	SSO-INH	SSO-INH	SSP-OLE	SSO-INH	SSO-INH		
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		SSP-OLE	SSP-OLE		
245	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		SSP-OLE
249	SBT-BWU	SBT-BWU	SBT-BWU	SBT-BWU	SBT-BWU	SBT-BWU	SBT-BWU		SBT-BWU
	SSP-INV	SSP-INV	SSP-INV	SSP-INV	SSP-INV		SBT-INV		
250							SSP-INV		
251	SSP-OLE	SSP-OLE		SSP-OLE	SSP-OLE		SSP-OLE		
252	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		SSP-OLE		
255	SSO-OL	SSO-OL		SSO-OL					
258	SBT-GD	SBT-GD	SBT-GD	SBT-GD			SBT-GD		SBT-GD
	SSO-LC	SSO-LC	SSO-LC	SSO-LC			SSO-LC		SSO-LC
264	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH

Participants and Methods

CENTER	A	B	C	DRB1	DRB3/4/5	DQA1	DQB1	DPA1	DPB1
265	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSO-OL	SSO-OL	SSP-OL	SSO-OL	SSO-OL
266	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL	SSO-OL		
267	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL		
268	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL		
	SSP-OL	SSP-OL							
271	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-BT-OLE	SSP-OLE	SSP-OLE	SSP-OLE
272	SBT-INH	SBT-INH	SBT-INH	SBT-INH			SBT-INH		
273	SSP-OLE-PRO	SSP-OLE-PRO	SSP-OLE-PRO	SSP-OLE-PRO	SSP-OLE	SSP-OLE	SSP-OLE-PRO		
274	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL	SSO-OL		
	SSP-OL	SSP-OL	SSP-OL	SSP-OL		SSP-OL	SSP-OL		
275	SBT-ACT	SBT-ACT		SBT-ACT					
278	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL	SSP-OL
279	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSP-OLE	SSO-OL	SBT-ACT		SBT-ACT
	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSP-OLE	SSO-OL		SSP-OLE
280	SBT-TBG	SBT-TBG	SBT-TBG	SBT-TBG			SBT-TBG		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
281	SBT-LT-SC	SBT-LT-SC	SBT-LT-SC	SBT-LT-SC	SSO-OL	SSO-OL	SBT-LT-SC	SSO-OL	SBT-LT-SC
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OL	SSP-OL	SSO-OL	SSP-OLE	SSO-OL
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		SSP-OLE
282	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE			SSP-OLE		
284	SSP-LT	SSP-LT	SSP-LT	SSP-LT	SSP-LT	SSP-LT	SSP-LT		
285	SSO-GTI			SSO-GTI					
286	SSP-OL			SSP-OL					
288	SSO-INN	SSO-INN	SSO-INN	SSO-INN		SSO-INN	SSO-INN		
				SSP-OLE			SSP-OLE		
289	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM					
290	SSO-OL	SSO-OL		SSO-OL					
292	SBT-SC	SBT-SC	SBT-SC	SBT-SC		SSO-OL	SBT-SC		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
	SSP-OL								
293	SSP-OL	SSP-OL-OLE		SSP-OL			SSP-OL		
294	SBT-ACT-INH	SBT-ACT-INH	SBT-ACT-INH	SBT-ACT-INH	SBT-INH	SSO-OL	SSO-OL		SSP-OLE
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OLE		SSP-OLE		
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE					
299	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
302	SSP-PRO	SSP-PRO	SSP-PRO	SSP-PRO	SSP-PRO	SSP-OLE	SSP-PRO		
304	SSO-GTI	SSO-GTI	SSO-GTI	SSO-GTI			SSO-GTI		
305	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL	SSO-OL		
306	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
						SSP-OLE	SSP-OLE		SSP-OLE
307	SSO-GP	SSO-GP	SSO-GP	SSO-GP			SSO-GP		
	SSP-INV	SSP-INV	SSP-INV	SSP-INV			SSP-INV		
401	SBT-INH	SBT-ACT-INH	SBT-INH						
	SSO-OL	SSO-OL	SSO-OL						
519	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSO-LUM	SSO-LUM	SBT-ACT	SSO-LUM	SSO-LUM
615	SBT-CG	SBT-CG	SBT-CG	SBT-CG	SBT-CG		SBT-CG		SBT-CG
	SSO-OL	SSO-OL	SSO-OL	SSO-OL					

Participants and Methods

CENTER	A	B	C	DRB1	DRB3/4/5	DQA1	DQB1	DPA1	DPB1
702	SBT-INH	SBT-INH	SBT-INH	SBT-INH-INV	SBT-INH	SBT-INH	SBT-INH		SBT-INH
	SSO-HT	SSO-HT	SSO-HT-INH	SSO-HT	SSO-HT	SSO-HT	SSO-HT		SSP-OLE
714	SBT-SC	SBT-SC	SBT-SC	SBT-SC			SBT-SC		
	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL			SSO-LUM-OL		
	SSP-OLE		SSP-OLE						
726	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
732	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SSO-OL	SBT-INH		
	SSO-OL	SSO-OL	SSO-OL				SSO-OL		
769	SBT-ACT-CG	SBT-CG	SBT-CG	SBT-CG	SBT-CG		SBT-ACT		SBT-CG
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL		SSO-OL
805	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT			SBT-ACT		
	SSO-LC	SSO-LC	SSO-LC	SSO-LC			SSO-LC		
1113	SSP-INV						SSP-INV		
	SSO-LUM	SSO-LUM	SSP-OLE	SSO-LUM			SSP-OLE		SBT-ACT
1212	SSP-OLE	SSP-OLE		SSP-OLE					SSP-OLE
	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSP-OLE	SSO-LUM	SSO-LUM		SSP-OLE
1251	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		SSP-OLE	SSP-OLE		
1498	SBT-INH	SBT-INH	SBT-INH	SBT-CG	SSP-INV	SSP-INV	SBT-CG		SSP-INV
1647	SBT-LT	SBT-LT	SBT-LT	SBT-LT	SSP-LB	SSP-LB	SBT-LT	SSP-LB	SBT-LT
	SSP-LB	SSP-LB	SSP-LB	SSP-LB			SSP-LB		SSP-LB
1686	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE
2004	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL		
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-INV-LT-OLE	SSP-OLE		
2013	SBT-GD	SBT-GD	SBT-GD	SBT-GD			SBT-GD		
	SSO-LC	SSO-LC	SSO-LC	SSO-LC			SSO-LC		
2015	SBT-ACT	SBT-ACT	SSO-LUM	SSO-LUM					
	SSO-LUM	SSO-LUM							
2347	SSP-GV	SSP-GV							
	SBT-INV-LT	SBT-INV-LT	SBT-INV-LT	SBT-INV-LT	SSO-LUM-OL	SSO-LUM-OL	SBT-INV-LT	SSO-LUM-OL	SSO-LUM-OL
2411	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL	SSO-LUM-OL			SSO-LUM-OL		
	SBT-INV	SBT-INV	SBT-INV	SBT-INV			SBT-INV		
2518	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SBT-OLE	SBT-OLE	SBT-OLE	SBT-OLE	SSO-OL	SSO-OL	SBT-OLE	SSO-OL	SSO-OL
2549	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSP-INV	SSO-OL		
	SSP-INH-INV-OLE	SSP-INV-OLE	SSP-INV-OLE	SSP-INV-OLE					
3261	SBT-GD	SBT-GD	SBT-GD						
	SSO-OL		SSO-OL						
3264	SSP-INV								
	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT	SSP-OLE	SSO-OL	SBT-ACT	SSO-OL	SBT-ACT
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	INH-LB	INH-LB	SSO-OL	INH-LB	SSO-OL
	SSP-OLE	SSP-OLE	INH-LB	INH-LB			SSP-OLE		INH-LB
3325	INH-LB	INH-LB					INH-LB		
	SSO-LC	SSO-LC	SSO-LC	SSO-LC	SSO-LC		SSO-LC		
	SSP-INV	SSP-INV	SSP-INV	SSP-INV	SSP-INV		SSP-INV		

Participants and Methods

CENTER	A	B	C	DRB1	DRB3/4/5	DQA1	DQB1	DPA1	DPB1
3410	SBT-ACT	SBT-ACT	SBT-ACT	SBT-ACT			SBT-ACT		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSO-OL		
	SSP-GV-UNI	SSP-GV-UNI	SSP-GV-UNI	SSP-GV-UNI			SSP-GV-UNI		
3438	SBT-TBG	SBT-TBG	SBT-TBG	SBT-TBG	SBT-TBG		SBT-TBG		
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL		
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		SSP-OLE		
3582	SBT-CG	SBT-CG	SBT-CG	SBT-CG	SBT-CG		SBT-CG		SBT-CG
3600	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB	SSP-LB
3614	SSO-OL	SSO-OL	SSO-OL	SSO-OL		SSO-OL	SSO-OL		
	SSP-OL		SSP-OL			SSP-OL	SSP-OL		
3625	SBT-INH	SBT-INH	SBT-INH	SBT-INH	SSP-INH	SBT-INH	SBT-INH		SBT-INH
	SSP-INH	SSP-INH	SSP-INH	SSP-INH		SSP-INH	SSP-INH		SSP-INH
3849	SBT-INH	SBT-INH	SBT-INH	NGS-INH	NGS-INH	SSO-LUM	SSO-LUM		NGS-INH
	NGS-INH	NGS-INH	NGS-INH				NGS-INH		
4237	SBT-TBG	SBT-TBG	SBT-TBG	SBT-TBG	SSP-OLE		SSO-LUM		
	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM			SSP-OLE		
4420	SSO-WAK	SSO-WAK	SSO-WAK	SSO-WAK			SSO-WAK		SSO-WAK
4545	SBT-SC	SBT-SC	SBT-SC	SBT-SC	SSO-OL	SSO-OL	SBT-SC		SBT-SC
	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OLE	SSP-LT-OLE	SSO-OL		SSO-OL
	SSP-LT	SSP-LT-OL							
4551	SBT-PRO	SBT-PRO	SBT-PRO	SBT-PRO	SSP-OLE	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSO-OL	SSO-OL	SSO-OL	SSO-OL			SSP-OLE		SSP-OLE
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE					
4582	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSP-INV-OL	SSP-INV-OL	SSP-OL		SSP-INV-OL	SSP-OL		SSP-OL	SSP-INV-OL
4585	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM	SSO-LUM		
4653									
4709	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSP-OLE	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSP-OLE	SSP-OLE	SSP-OLE	SSP-OLE		SSP-OLE	SSP-OLE		SSP-OLE
5451	SBT-INH, SSP-INV								SBT-INH
6051	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
6313	SBT-ACT-INV-PRO	SBT-ACT-INV-PRO	SBT-ACT-INV-PRO	SBT-ACT-INV-PRO			SBT-ACT-INV-PRO		
	SSO-GP-OL	SSO-GP-OL	SSO-GP-OL	SSO-GP-OL			SSO-GP-OL		
9221	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL	SSO-OL
	SSP-INV	SSP-INV	SSP-INV	SSP-INV	SSP-INV		SSP-INV		SSP-INV