

CELL EXCHANGE #397

APRIL 1, 2017

Cells	1585-1588
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The results for Cell Exchange #397 are summarized in Table 9 and Table 10. Molecular typing results for individual laboratories are listed in Tables 11-14 for each sample and individual serology results for each sample are listed

in Table 15.

The haplotype frequencies used in this report are from the NMDP Bioinformatics website, <http://bioinformatics.nmdp.org/>.

Cell 1585. The reported type for this sample from a Black donor is A*23:01(A23)-A*34:02(A34)-B*53:01(B53)-B*81:01(B81)-C*04:01(Cw4)-C*18:01. From family studies, the haplotypes in this cell were determined to be A*23:01-B*53:01-C*04:01 and A*34:02-B*81:01-C*18:01. The B*53:01-C*04:01 and B*81:01-C*18:01 associations in this cell are observed commonly in African American populations, with respective frequencies of HF=0.09218 and 0.01101.

This sample was previously studied as cell 1550 (2015) and cell 1527 (2014) and is the offspring of previous exchange cell, 1549 (same as cell 1529 and cell 1481). In this present retyping, A*23:01 (100%) and A*34:02 (100%) were well assigned, with 4 labs assigning A*23:01:01 and 5 labs assigning A*34:02:01. A23 (100%) and A34 (88%) were reported by serology. B*53:01 and B*81:01 were reported in complete consensus as the B-locus types, with serology reporting B53 (100%) and B81 (88%). Two labs assigned B7 instead of B81. The C-locus types were reported as C*04:01 (100%) and C*18:01 (100%).

Cell 1586. The reported type for this sample from a Black donor is A*01:01(A1)-A*23:01(A23)-B*42:01(B42)-B*50:01(B50)-C*06:02(Cw6)-C*17:01(Cw17). The likely class I associations in this cell are A*01:01-B*50:01-C*06:02 and A*23:01-B*42:01-C*17:01, with respective frequencies of HF=0.00042 and 0.00489, in African Americans.

A*01:01 and A*23:01 were reported in completed consensus, with 4 labs (3 NGS, 1 SBT) assigning A*01:01:01:01 and A*23:01:01. A1 (100%) and A23 (100%) were reported by serology. B*42:01 and B*50:01 were also reported in complete consensus, with 5 labs reporting B*42:01:01 and B*50:01:01. B42 and B50 were each assigned by 94%, while 5 labs reported the presence of Bw4 along with Bw6 (75%). For the C-locus, C*06:02 (100%) and C*17:01 (100%) were assigned, with 3 NGS labs assigning C*06:02:01:02 and C*17:01:01:02.

Cell 1587. The reported type for this sample from a Hispanic donor is A*23:01(A23)-A*24:02(A24)-B*14:02(B65)-B*39:06(B39)-C*07:02(Cw7)-C*08:02(Cw8). The likely associations in this cell, B*39:06-C*07:02 and B*14:02-C*08:02, are commonly observed in Hispanic populations, with respective frequencies of HF=0.01982 and 0.03914.

This sample was previously typed in the exchange as cell 1493 (2013). In this present retyping, A*23:01 and A*24:02 were assigned by 100% of labs reporting at high resolution. Two NGS labs reported higher resolution typing for A*24:02, assigning A*24:02:01:01. By serology, A23 and A24 were detected by 100% and 93%, respectively. B*14:02 (100%) and B*39:06 (100%) were reported as the B-locus types, with 4 labs reporting B*14:02:01 and B*39:06:02. The assigned serological types were B65 (71%) and B39 (93%). C*07:02 (100%) and C*08:02 (100%) were the reported C-locus types, with serology labs reporting Cw7 and Cw8 each by 43%. Similar to cell 1586, Bw4 was reported along with Bw6 (71%) by a number (n=4) of labs.

Cell 1588. The reported type for this sample from a donor of mixed Black, Caucasian, and Native American ancestry is A*23:01(A23)-A*29:02(A29)-B*44:03(B44)-B*45:01(B45)-C*06:02(Cw6)-C*16:01. The likely associations in this cell are B*44:03-C*16:01 and B*45:01-C*06:02, observed across all populations, with HF=0.03314 and 0.00388 in Caucasians and HF=0.01049 and 0.00985 in African Americans.

This sample was previously typed as cell 1534 (2014). In this present retyping, A*23:01 and A*29:02 were each assigned by 100%, with 3 labs assigning A*23:01:01 and 4 labs assigning A*29:02:01. A23 (100%) and A29 (93%) were reported by serology. Two subtypes of B12 were detected in this cell, B44 (100%) and B45 (93%). B*44:03 and B*45:01 were reported in complete consensus, with 4 labs reporting B*44:03:01 and B*45:01:01. C*06:02 (100%) and C*16:01 (100%) were the reported C-locus types, with 3 labs reporting C*06:02:01 and C*16:01:01.

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Table 9. Summary of the 397th Cell Exchange (Cell #1585-1588)

DNA typing

Cell 1585	
22 low/15 high labs - A	%(n)
A*23:01:01	27(4)
A*23:01:01G	13(2)
A*23:01P	7 (1)
A*23:01	53(8)
A*23	100(22)
22 low/15 high labs - A	%(n)
A*34:02:01	33(5)
A*34:02	67(10)
A*34	100(22)
22 low/15 high labs - B	%(n)
B*53:01:01	33(5)
B*53:01	67(10)
B*53	100(22)
22 low/15 high labs - B	%(n)
B*81:01:01G	20(3)
B*81:01	80(12)
B*81	100(22)
21 low/15 high Labs - C	%(n)
C*04:01:01:01	20(3)
C*04:01:01	7 (1)
C*04:01:01G	7 (1)
C*04:01P	7 (1)
C*04:01	60(9)
C*04	100(21)
21 low/15 high Labs - C	%(n)
C*18:01:01G	7 (1)
C*18:01	93 (14)
C*18	100(21)

Cell 1586	
22 low/15 high labs - A	%(n)
A*01:01:01:01	27(4)
A*01:01:01	7 (1)
A*01:01	66(10)
A*01	100(22)
22 low/15 high labs - A	%(n)
A*23:01:01	27(4)
A*23:01:01G	13(2)
A*23:01P	7 (1)
A*23:01	53(8)
A*23	100(22)
22 low/15 high labs - B	%(n)
B*42:01:01	33(5)
B*42:01	67(10)
B*42	100(22)
22 low/15 high labs - B	%(n)
B*50:01:01	33(5)
B*50:01	67(10)
B*50	100(22)
21 low/14 high Labs - C	%(n)
C*06:02:01:02	21(3)
C*06:02:01	7 (1)
C*06:02:01G	14(2)
C*06:02	57(8)
C*06	100(21)
21 low/14 high Labs - C	%(n)
C*17:01:01:02	20(3)
C*17:01:01	7 (1)
C*17:01:01G	13(2)
C*17:01	60(9)
C*17	100(21)

Cell 1587	
21 low/13 high labs - A	%(n)
A*23:01:01	23(3)
A*23:01:01G	15(2)
A*23:01P	8 (1)
A*23:01	54(7)
A*23	100(21)
21 low/13 high labs - A	%(n)
A*24:02:01:01	15(2)
A*24:02:01G	8 (1)
A*24:02	77(10)
A*24	100(21)
21 low/15 high labs - B	%(n)
B*14:02:01:01	13(2)
B*14:02:01	13(2)
B*14:02	73(11)
B*14(B65)	10(2)
B*14	90(19)
21 low/14 high labs - B	%(n)
B*39:06:02	29(4)
B*39:06	71(10)
B*39	100(21)
20 low/14 high Labs - C	%(n)
C*07:02:01:01	7 (1)
C*07:02:01	7 (1)
C*07:02:01G	14(2)
C*07:02	71(10)
C*07	100(20)
20 low/14 high Labs - C	%(n)
C*08:02:01:01	14(2)
C*08:02:01	7 (1)
C*08:02	79(11)
C*08	100(20)

Cell 1588	
21 low/14 high labs - A	%(n)
A*23:01:01	21(3)
A*23:01:01G	14(2)
A*23:01P	7 (1)
A*23:01	57(8)
A*23	100(21)
21 low/14 high labs - A	%(n)
A*29:02:01:01	14(2)
A*29:02:01	14(2)
A*29:02	71(10)
A*29	100(21)
21 low/15 high labs - B	%(n)
B*44:03:01:01	7 (1)
B*44:03:01	20(3)
B*44:03	73(11)
B*44	100(21)
21 low/14 high labs - B	%(n)
B*45:01:01	29(4)
B*45:01:01G	7 (1)
B*45:01	64(9)
B*45	100(21)
20 low/14 high labs - C	%(n)
C*06:02:01:03	7 (1)
C*06:02:01	14(2)
C*06:02:01G	7 (1)
C*06:02	71(10)
C*06	100(20)
20 low/13 high labs - C	%(n)
C*16:01:01	23(3)
C*16:01	77(10)
C*16	100(20)

Table 10. Summary of the 397th Cell Exchange (Cell #1585 - 1588)

Serological typing

(Black) Cell 1585 (16 Samples Typed)	
A23	100.0%
	[100.0%]
A34	87.5%
A10	6.2%
	[93.8%]
B53	100.0%
B81	87.5%
	[87.5%]
Cw4	50.0%
	[50%]
Bw4	75.0%
Bw6	75.0%
Others Found	
B7	18.8%
A33	12.5%
Cw6	6.2%
Cw17	6.2%
Cw18	6.2%

(Black) Cell 1586 (16 Samples Typed)	
A1	100.0%
A23	100.0%
	[100.0%]
B42	93.8%
B50	93.8%
B21	6.2%
	[100.0%]
Cw6	50.0%
	[50.0%]
Cw17	25.0%
Bw6	75.0%
Others Found	
Bw4	31.2%
Cw7	12.5%
B7	12.5%

(Hispanic) Cell 1587 (14 Samples Typed)	
A23	100.0%
	[100.0%]
A24	92.9%
A9	7.1%
	[100.0%]
B65	71.4%
B14	28.6%
	[100.0%]
B39	92.9%
B16	7.1%
	[100.0%]
Cw7	42.9%
Cw8	42.9%
Bw6	71.4%
Others Found	
Bw4	28.6%
Cw2	7.1%

(Mixed) Cell 1588 (14 Samples Typed)	
A23	100.0%
	[100.0%]
A29	92.9%
A19	7.1%
	[100.0%]
B44	100.0%
	[100.0%]
B45	92.9%
B12	7.1%
	[100.0%]
Cw6	50.0%
	[53.8%]
Bw4	64.3%
Bw6	71.4%
Others Found	
B37	7.7%

Table 11. Individual laboratory results for Cell #1585

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*23	*34	*53	*81	*04	*18	*23:01P	*34:02	*53:01	*81:01	*04:01	*18:01	SSO SBT	A*23:17
5133	Askar , Medhat							*23:01:01	*34:02:01	*53:01:01	*81:01	*04:01:01:01	*18:01	NGS	
4492	Caillat-Zucman , S	*23	*34	*53	*81	*04	*18							SSP	
774	Cecka , J. Michael	*23	*34	*53	*81	*04	*18							SSP SSO	
8070	Chang , Uckjin							*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SBT	
3632	Colombe , Beth W.	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSP SSO	
779	Daniel , Claude	*23	*34	*53	*81	*04	*18							SSO	
5214	Eckels/CPMC ,	*23	*34	*53	*81	*04	*18							SSO	
747	Ferrari-Lacraz , Sy							*23:01:01	*34:02:01	*53:01:01	*81:01	*04:01:01:01	*18:01	NGS	
762	Fischer , Gottfried							*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSO NGS	
4079	Fort , Marylise	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSP SSO	A*23:71 C*04:221 C*04:222 C*18:02 C*18:10
8043	Gideoni , Osnat	*23	*34	*53	*81	*04	*18							SSP SSO	
3545	Goldstein , Steven	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSO SBT	A*23:17 B*81:02 C*04:82 C*04:30 C*04:226 C*18:02
810	Hamdi , Nuha	*23	*34	*53	*81	*04	*18							SSO	
3808	Hogan , Patrick	*23	*34	*53	*81	*04	*18							SSP	
771	Israel , Shoshana	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSO SBT	
725	Lardy , N.M.	*23	*34	*53	*81	*04	*18							SSP SSO	
745	Latham , Katy							*23:01:01	*34:02:01	*53:01:01	*81:01	*04:01:01:01	*18:01	SSP SBT NGS	
278	Lee , Jar-How	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01		
6649	Lim , Young Ae	*23	*34	*53	*81									SSP	
731	Loewenthal , Ron	*23	*34	*53	*81	*04	*18	*23:01:01G	*34:02:01	*53:01:01	*81:01:01G	*04:01:01G	*18:01	SSP SSO SBT	
8001	Rao , Prakash	*23	*34	*53	*81	*04	*18							SSO	
3625	Rees , Tracey	*23	*34	*53	*81	*04	*18	*23:01	*34:02	*53:01	*81:01	*04:01	*18:01	SSP SBT	A*23:17 A*23:69 B*53:23
4251	Schiller , Jennifer	*23	*34	*53	*81	*04	*18	*23:01:01G	*34:02	*53:01	*81:01:01G	*04:01P	*18:01:01G	SSO SBT	
5642	Varnavidou-Nicolai	*23	*34	*53	*81	*04	*18							SSP	
3186	Watson , Narelle	*23	*34	*53	*81	*04	*18							SSO	
16	Zhang , Aiwen	*23	*34	*53	*81	*04	*18	*23:01:01	*34:02:01	*53:01:01	*81:01:01G	*04:01:01	*18:01	SSO SBT	A*23:17 C*18:04 C*04:166

Table 12. Individual laboratory results for Cell #1586

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*01	*23	*42	*50	*06	*17	*01:01	*23:01P	*42:01	*50:01	*06:02	*17:01	SSO SBT	A*23:17
5133	Askar , Medhat							*01:01:01:01	*23:01:01	*42:01:01	*50:01:01	*06:02:01:02	*17:01:01:02	NGS	
4492	Caillat-Zucman , So	*01	*23	*42	*50	*06	*17							SSP	
774	Cecka , J. Michael	*01	*23	*42	*50	*06	*17							SSP SSO	
8070	Chang , Uckjin							*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SBT	
3632	Colombe , Beth W.	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSP SSO	
779	Daniel , Claude	*01	*23	*42	*50	*06	*17							SSO	
5214	Eckels/CPMC ,	*01	*23	*42	*50	*06	*17							SSO	
747	Ferrari-Lacraz , Sylv							*01:01:01:01	*23:01:01	*42:01:01	*50:01:01	*06:02:01:02	*17:01:01:02	NGS	
762	Fischer , Gottfried							*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSO NGS	
4079	Fort , Marylise	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSP SSO	A*01:195 A*23:71
8043	Gideoni , Osnat	*01	*23	*42	*50	*06	*17							SSP SSO	
3545	Goldstein , Steven	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSO SBT	A*23:17 C*06:83 C*17:02 C*17:03
810	Hamdi , Nuha	*01	*23	*42	*50	*06	*17							SSO	
3808	Hogan , Patrick	*01	*23	*42	*50	*06	*17							SSP	
771	Israel , Shoshana	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSO SBT	
725	Lardy , N.M.	*01	*23	*42	*50	*06	*17							SSP SSO	
745	Latham , Katy							*01:01:01:01	*23:01:01	*42:01:01	*50:01:01	*06:02:01:02	*17:01:01:02	SSP SBT NGS	
278	Lee , Jar-How	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	*06:02	*17:01	SSO SSP	
6649	Lim , Young Ae	*01	*23	*42	*50									SSP	
731	Loewenthal , Ron	*01	*23	*42	*50	*06	*17	*01:01:01	*23:01:01G	*42:01:01	*50:01:01	*06:02:01G	*17:01:01G	SSP SSO SBT	
8001	Rao , Prakash	*01	*23	*42	*50	*06	*17							SSO	
3625	Rees , Tracey	*01	*23	*42	*50	*06	*17	*01:01	*23:01	*42:01	*50:01	NT	*17:01	SSP SBT	A*23:17 A*23:38N A*23:69 C*17:02 C*17:03
4251	Schiller , Jennifer	*01	*23	*42	*50	*06	*17	*01:01	*23:01:01G	*42:01	*50:01	*06:02:01G	*17:01:01G	SSO SBT	
5642	Varnavidou-Nicolaic	*01	*23	*42	*50	*06	*17							SSP	
3186	Watson , Narelle	*01	*23	*42	*50	*06	*17							SSO	
16	Zhang , Aiwen	*01	*23	*42	*50	*06	*17	*01:01:01:01	*23:01:01	*42:01:01	*50:01:01	*06:02:01	*17:01:01	SSO SBT	A*01:14 A*01:30 A*01:61 A*23:10 A*23:14:02 A*23:17 A*23:53 A*23:64 C*06:08 C*17:23

Table 13. Individual laboratory results for Cell #1587

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*23	*24	*14	*39	*07	*08	*23:01P	*24:02	*14:02	*39:06	*07:02	*08:02	SSO SBT	A*23:17
5133	Askar , Medhat							*23:01:01	*24:02:01:01	*14:02:01:01	*39:06:02	*07:02:01:01	*08:02:01:01	NGS	
4492	Caillat-Zucman , So	*23	*24	*14	*39	*07	*08							SSP	
774	Cecka , J. Michael	*23	*24	*14	*39	*07	*08							SSP SSO	
8070	Chang , Uckjin							*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SBT	
3632	Colombe , Beth W.	*23	*24	*14	*39	*07	*08	*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSP SSO	
779	Daniel , Claude	*23	*24	*14	*39	*07	*08			*14:02				SSO	
5214	Eckels/CPMC ,	*23	*24	*14(B65)	*39	*07	*08							SSO	
747	Ferrari-Lacraz , Sylv							NT						NGS	
762	Fischer , Gottfried							*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSO NGS	
4079	Fort , Marylise	NT						NT						SSP SSO	
8043	Gideoni , Osnat	*23	*24	*14	*39	*07	*08	*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSP SSO	
3545	Goldstein , Steven	*23	*24	*14	*39	*07	*08	*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSO SBT	A*23:17 C*07:349 C*07:50
810	Hamdi , Nuha	*23	*24	*14	*39	*07	*08							SSO	
3808	Hogan , Patrick	*23	*24	*14	*39	*07	*08							SSP	
771	Israel , Shoshana	*23	*24	*14	*39	*07	*08	*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSO SBT	
725	Lardy , N.M.	*23	*24	*14	*39	*07	*08							SSP SSO	
745	Latham , Katy							*23:01:01	*24:02:01:01	*14:02:01:01	*39:06:02	*07:02:01	*08:02:01:01	SSP SBT NGS	
278	Lee , Jar-How	*23	*24	*14	*39	*07	*08	*23:01	*24:02	*14:02	*39:06	*07:02	*08:02	SSO SSP	
6649	Lim , Young Ae	*23	*24	*14	*39									SSP	
731	Loewenthal , Ron	*23	*24	*14	*39	*07	*08	*23:01:01G	*24:02:01G	*14:02:01	*39:06:02	*07:02:01G	*08:02:01	SSP SSO SBT	
8001	Rao , Prakash	*23	*24	*14(B65)	*39	*07	*08							SSO	
3625	Rees , Tracey	*23	*24	*14	*39	*07	*08	NT	NT	*14:02	*39:06	*07:02	*08:02	SSP SBT	
4251	Schiller , Jennifer	*23	*24	*14	*39	*07	*08	*23:01:01G	*24:02	*14:02	*39:06	*07:02:01G	*08:02	SSO SBT	
5642	Varnavidou-Nicolaïd	*23	*24	*14	*39	*07	*08							SSP	
3186	Watson , Narelle	*23	*24	*14	*39	*07	*08							SSO	
16	Zhang , Aiwen	*23	*24	*14	*39	*07	*08	*23:01:01	*24:02	*14:02:01	*39:06:02	*07:02	*08:02	SSO SBT	A*23:14:02 A*23:17 A*24:05 C*07:39 C*07:161 C*07:260 C*08:07 C*08:15 C*07:17:01 C*08:05 C*08:94

Table 14. Individual laboratory results for Cell #1588

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*23	*29	*44	*45	*06	*16	*23:01P	*29:02	*44:03	*45:01	*06:02	*16:01	SSO SBT	A*23:17
5133	Askar , Medhat							*23:01:01	*29:02:01:01	*44:03:01:01	*45:01:01	*06:02:01	*16:01:01	NGS	
8070	Chang , Uckjin							*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SBT	
4492	Caillat-Zucman , So	*23	*29	*44	*45	*06	*16							SSP	
774	Cecka , J. Michael	*23	*29	*44	*45	*06	*16					*06:02		SSP SSO	
3632	Colombe , Beth W.	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSP SSO	
779	Daniel , Claude	*23	*29	*44	*45	*06	*16			*44:03				SSO	
5214	Eckels/CPMC ,	*23	*29	*44	*45	*06	*16							SSO	
747	Ferrari-Lacraz , Sylv													NGS	
762	Fischer , Gottfried							*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSO NGS	
4079	Fort , Marylise	NT						NT						SSP SSO	
8043	Gideoni , Osnat	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSP SSO	
3545	Goldstein , Steven	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSO SBT	A*23:17 C*06:83
810	Hamdi , Nuha	*23	*29	*44	*45	*06	*16							SSO	
3808	Hogan , Patrick	*23	*29	*44	*45	*06	*16							SSP	
771	Israel , Shoshana	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSO SBT	A*23:17
725	Lardy , N.M.	*23	*29	*44	*45	*06	*16							SSP SSO	
745	Latham , Katy							*23:01:01	*29:02:01:01	*44:03:01	*45:01:01	*06:02:01:03	*16:01:01	SSP SBT NGS	
278	Lee , Jar-How	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	*06:02	*16:01	SSO SSP	
6649	Lim , Young Ae	*23	*29	*44	*45									SSP	
731	Loewenthal , Ron	*23	*29	*44	*45	*06	*16	*23:01:01G	*29:02:01	*44:03:01	*45:01:01	*06:02	*16:01	SSP SSO SBT	
8001	Rao , Prakash	*23	*29	*44	*45	*06	*16							SSO	
3625	Rees , Tracey	*23	*29	*44	*45	*06	*16	*23:01	*29:02	*44:03	*45:01	NT	NT	SSP SBT	A*23:17 A*23:69
4251	Schiller , Jennifer	*23	*29	*44	*45	*06	*16	*23:01:01G	*29:02	*44:03	*45:01:01G	*06:02:01G	*16:01	SSO SBT	
5642	Varnavidou-Nicolaïd	*23	*29	*44	*45	*06	*16							SSP	
3186	Watson , Narelle	*23	*29	*44	*45	*06	*16							SSO	
16	Zhang , Aiwen	*23	*29	*44	*45	*06	*16	*23:01:01	*29:02:01	*44:03:01	*45:01:01	*06:02:01	*16:01:01	SSO SBT	A*23:04 A*23:17 A*29:03 C*06:11 C*06:83 C*16:02:01 C*16:15:01

Table 15. Individual laboratory results for Cell #1585-1588 by serology

Investigator	Days Old	Cell No 1585 (Black)										Cell No 1586 (Black)								Cell No 1587 (Hispanic)								Cell No 1588 (Mixed)									
		Viab %	A23	A34	B53	B81	Cw4	Bw4	Bw6	OTHERS	Viab %	A1	A23	B42	B50	Cw6	Cw17	Bw6	OTHERS	Viab %	A23	A24	B14	B39	Cw7	Cw8	Bw6	OTHERS	Viab %	A23	A29	B44	B45	Cw6	Bw4	Bw6	OTHERS
Cecka, J. Mic	3	>95	+	+	+	+		+	+		>95	+	+	+	+			+		>95	+	+	B65	+				+		>95	+	+	+	+		+	+
Dunckley, Hea			+	+	+	+						+	+	+	+						+	+	+	+						+	+	+	+				
Enczmann, J		90	+	+	+	+					90	+	+	+	+					90	+	+	B65	+					90	+	+	+	+				
Ferrari-Lacra		90	+	+	+	+	+	+	+	Cw18	90	+	+	+	+	+	+	Bw4																			
Fort, Marylis	3	95	+	+	+	+		+	+		97	+	+	+	+		+	Bw4		NT									NT								
Hahn, Amy B.	3	99	+	+	+	+		+	+		99	+	+	+	+		+			99	+	+	+	+			+	Bw4	99	+	+	+	+		+	+	
Hogan, Patric		80	+	+	+	+	+	+	+		90	+	+	+	+	+	+			90	+	+	B65	+	+	+	+		90	+	+	+	+	+	+	+	
Loewenthal ,		70	+	+	+	+	+	+	+		80	+	+	+	+	+	+			70	+	+	B65	+	+	+	+		80	+	+	+	+	+	+	+	
Permpikul, Ve	7	90	+	+	+	+		+	+		90	+	+	+	+		+			90	+	+	+	+			+		90	+	+	+	+		+	+	
Pule, Ziningi		80	+	+	+	+	+			B7>	80	+	+	+	+	+	+	B7>		80	+	A9	B65	+	+	+			80	+	+	+	B12	+			B37
Rees, Tracey		90	+	+	+	+	+	+	+		90	+	+	+	+	+	+			90	+	+	B65	+	+	+	+		90	+	+	+	+	+	+	+	
Renac, Virgin	6	100	+	A10	+			+	+	B7	100	+	+	+	B21		+	Bw4	100	+	+	+	+		+	Bw4	100	+	+	+	+	+		+	+		
Shai, Isaac	8	88	+	A33	+		+	+	+	B7>	90	+	+	B7	+	+	Cw7	+	Bw4>	88	+	+	B65	+	+	+	Bw4>	86	+	+	+	+	+	+	+	+	
Varnavidou-Ni	7	85	+	+	+	+		+	+		95	+	+	+	+		+	Bw4	98	+	+	+	B16		+	Bw4	95	+	A19	+	+	+	+	+	+		
Vidan-Jeras,	6	100	+	+	+	+	+	+	+		100	+	+	+	+	+		+		100	+	+	B65	+	+	+	+		98	+	+	+	+	+	+	+	+
Zhang, Aiwen	2	90	+	+	+	+	+				90	+	+	+	+					90	+	+	B65	+	+			90	+	+	+	+	+				