

CELL EXCHANGE #395

NOVEMBER 2, 2016

Cells 1577-1580

The results for Cell Exchange #395 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 1577. The reported type for this sample from a Hispanic donor is A*02:01(A2)-A*03:01(A3)-B*35:03(B35)-B*57:03(B57)-C*04:01(Cw4)-C*07:01(Cw7). The likely associations in this cell are B*35:03-C*04:01 and B*57:03-C*07:01, with respective frequencies of 0.01028 and 0.00483, in Hispanics. A*02:01 (100%) and A*03:01 (100%) were the reported A-locus types. B*35:03 was reported by 94% of labs reporting at high resolutions, with 6 labs assigning B*35:03:01. B*57:03 (100%) was reported as the second B-locus type, with 5 labs reporting B*57:03:01. Good consensus was also achieved for the C-locus, as 100% of labs reporting at high resolution assigned C*04:01 and C*07:01. C*04:01:01:01 was assigned by 4 labs and C*07:01:02 was assigned by 5 labs. A2 (100%), A3 (100%), B35 (100%), B57 (100%), Cw4 (50%), and Cw7 (45%) were reported by serology.

Cell 1578. The reported type for this sample from a Hispanic donor is A*02:01(A2)-A*02:06-B*35:01(B35)-B*39:02(B39)-C*04:01(Cw4)-C*07:02(Cw7). The likely class I haplotypes present are A*02:01-B*39:02-C*07:02 and A*02:06-B*35:01-C*04:01, with respective frequencies of 0.00051 and 0.00142, in Hispanics. Two subtypes of A2 were present in this cell, A*02:01 (100%) and A*02:06 (100%). A*02:01:01:01 and A*02:06:01:01 were each assigned by 4 labs. B*35:01 and B*39:02 were reported in complete consensus as the B-locus types, with 3 labs assigning B*35:01:01:02 and 6 labs assigning B*39:02:02. The C-locus types were reported as C*04:01 (100%) and C*07:02 (100%), with C*04:01:01:01 reported by 4 labs and C*07:02:01 reported by 5 labs. By serology, A2 (100%), B35 (100%), B39 (100%), Cw4 (50%), and Cw7 (45%) were reported.

Cell 1579. The reported type for this sample from a donor of mixed Caucasian and Hispanic heritage is A*01:01(A1)-A*11:01(A11)-B*35:01(B35)-B*57:01(B57)-C*04:01(Cw4)-C*06:02(Cw6). The likely class I haplotypes present in this cell, A*11:01-B*35:01-C*04:01 and A*01:01-B*57:01-C*06:02, are observed commonly across all populations. A*11:01-B*35:01-C*04:01 is observed in Hispanics, with HF=0.00687, and A*01:01-B*57:01-C*06:02 is observed in Caucasians, with HF=0.01985. A*01:01, A*11:01, B*35:01, B*57:01, C*04:01, and C*06:02 were all reported in complete consensus by labs reporting at high resolution. A number of labs reported higher resolution results; 5 labs assigned A*01:01:01:01, 3 labs assigned A*11:01:01:01, 4 labs assigned B*35:01:01 and B*57:01:01, 3 labs assigned C*04:01:01:01 and C*06:02:01:01. By serology, good agreement was achieved as A1, A11, B35, and B57 were all reported in complete consensus. Cw4 (50%) and Cw6 (39%) were the reported C-locus types.

Cell 1580. The reported type for this sample from a Hispanic donor is A*24:02(A24)-B*15:03(B72)-B*39:01(B39)-C*02:10(Cw2)-C*07:02(Cw7). One probable association present in this cell is B*39:01-C*07:02, observed in Hispanics, with HF=0.00477. The other likely association is B*15:03-C*02:10, observed in previous exchange cells, cell 1463 and extract 540. A*24:02 was reported in complete consensus, with 4 labs assigning A*24:02:01. A24 (100%) was reported by serology as the sole A-locus type. B*15:03 (100%) and B*39:01 (100%) were the reported B-locus types, with 4 labs assigning B*15:03:01 and 3 labs assigning B*39:01:01:03. By serology, B39 was detected in complete agreement. The assignment of the second B-locus type proved to be more challenging, as B72 was assigned by 44%, B70 by 33%, B15 by 11%, and B35 by 5%. C*02:10 and C*07:02 were the reported C-locus types, with 2 labs assigning C*02:10:01 and 3 labs assigning C*07:02:01:01.



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Table 9. Summary of the 395th Cell Exchange (Cell #1577 - 1580)

DNA typing

Cell 1577	
22 low/15 high labs - A	%(n)
A*02:01:01:01	27(4)
A*02:01:01	6 (1)
A*02:01	67(10)
A*02	22(100)
22 low/15 high labs - A	%(n)
A*03:01:01	33(5)
A*03:01	67(10)
A*03	100(22)
22 low/17 high labs - B	%(n)
B*35:03:01	35(6)
B*35:03	59(10)
B*35:01	6 (1)
B*35	100(22)
22 low/17 high labs - B	%(n)
B*57:03:01	29(5)
B*57:03	71(12)
B*57	100(22)
21 low/15 high Labs - C	%(n)
C*04:01:01:01	27(4)
C*04:01:01	6 (1)
C*04:01P	6 (1)
C*04:01	60(9)
C*04	100(21)
21 low/15 high Labs - C	%(n)
C*07:01:02	33(5)
C*07:01:01G	7 (1)
C*07:01	60(9)
C*07	100(21)

Cell 1578	
22 low/14 high labs - A	%(n)
A*02:01:01:01	29(4)
A*02:01:01	14(2)
A*02:01	57(8)
A*02	100(22)
16 high labs - A	%(n)
A*02:06:01:01	25(4)
A*02:06:01	6 (1)
A*02:06	69(11)
22 low/16 high labs - B	%(n)
B*35:01:01:02	19(3)
B*35:01:01	13(2)
B*35:01:01G	6 (1)
B*35:01	62(10)
B*35	100(22)
22 low/17 high labs - B	%(n)
B*39:02:02	35(6)
B*39:02	65(11)
B*39	100(22)
21 low/14 high Labs - C	%(n)
C*04:01:01:01	29(4)
C*04:01:01	7 (1)
C*04:01P	7 (1)
C*04:01	57(8)
C*04	100(21)
21 low/15 high Labs - C	%(n)
C*07:02:01	33(5)
C*07:02:01G	7 (1)
C*07:02	60(9)
C*07	100(21)

Cell 1579	
21 low/13 high labs - A	%(n)
A*01:01:01:01	38(5)
A*01:01	62(8)
A*01	100(21)
21 low/13 high labs - A	%(n)
A*11:01:01:01	23(3)
A*11:01:01	15(2)
A*11:01	62(8)
A*11	100(21)
21 low/13 high labs - B	%(n)
B*35:01:01:02	15(2)
B*35:01:01	15(2)
B*35:01:01G	8 (1)
B*35:01	62(8)
B*35	100(21)
21 low/14 high labs - B	%(n)
B*57:01:01	29(4)
B*57:01	71(10)
B*57	100(21)
20 low/13 high Labs - C	%(n)
C*04:01:01:01	23(3)
C*04:01:01	8 (1)
C*04:01P	8 (1)
C*04:01	61(8)
C*04	100(20)
20 low/13 high Labs - C	%(n)
C*06:02:01:01	23(3)
C*06:02:01	8 (1)
C*06:02:01G	8 (1)
C*06:02	61(8)
C*06	100(20)

Cell 1580	
21 low/12 high labs - A	%(n)
A*24:02:01:01	17(2)
A*24:02:01	17(2)
A*24:02	66(8)
A*24	100(21)
21 low/16 high labs - B	%(n)
B*15:03:01	25(4)
B*15:03:01G	6 (1)
B*15:03	69(11)
B*15(B72)	10(2)
B*15	90(19)
21 low/13 high labs - B	%(n)
B*39:01:01:03	23(3)
B*39:01:01	8 (1)
B*39:01:01G	8 (1)
B*39:01P	8 (1)
B*39:01	54(7)
B*39	100(21)
20 low/13 high labs - C	%(n)
C*02:10:01:01	8 (1)
C*02:10:01	8 (1)
C*02:10	77(10)
C*02:02	8 (1)
C*02	100(20)
20 low/13 high labs - C	%(n)
C*07:02:01:01	23(3)
C*07:02:01	23(3)
C*07:02:01G	8 (1)
C*07:02	46(6)
C*07	100(13)

Table 10. Summary of the 395th Cell Exchange (Cell #1577 - 1580)

Serological typing

(Hispanic) Cell 1577 (20 Samples Typed)	
A2	100.0%
	[100.0%]
A3	100.0%
B35	100.0%
B57	100.0%
	[100.0%]
Cw4	50.0%
	[50.0%]
Cw7	45.0%
Bw4	80.0%
Bw6	80.0%
Others Found	
B63	5.0%

(Hispanic) Cell 1578 (20 Samples Typed)	
A2	100.0%
	[100.0%]
B35	100.0%
B39	100.0%
	[100.0%]
Cw4	50.0%
	[50.0%]
Cw7	45.0%
Bw6	80.0%
Others Found	
B70	5.0%
A28	5.0%

(Mixed) Cell 1579 (18 Samples Typed)	
A1	100.0%
A11	94.4%
A11.1	5.6%
	[100.0%]
B35	100.0%
B57	100.0%
	[100.0%]
Cw4	50.0%
	[50.0%]
Cw6	38.9%
	[38.9%]
Bw4	77.8%
Bw6	77.8%
Others Found	
A2	5.6%

(Hispanic) Cell 1580 (18 Samples Typed)	
A24	100.0%
	[100.0%]
B72	44.4%
B70	33.3%
	[77.8%]
B39	100.0%
	[100.0%]
Cw2	50.0%
Cw7	44.4%
Bw6	77.8%
Others Found	
B15	11.1%
Bw4	5.6%
A30	5.6%
B35	5.6%

Table 11. Individual laboratory results for Cell #1577

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:01:01:01	*03:01:01	*35:03:01	*57:03:01	*04:01:01:01	*07:01:02	NGS	
4492	Caillat-Zucman , So	*02	*03	*35	*57	*04	*07							SSP	
774	Cecka , J. Michael	*02	*03	*35	*57	*04	*07			*35:03	*57:03			SSP SSO	B*57:70 B*35:70
8070	Chang , Uckjin							*02:01	*03:01	*35:01	*57:03	*04:01	*07:01	SBT	
798	Claas , F.H.J.							*02:01:01	*03:01:01	*35:03:01	*57:03:01	*04:01:01	*07:01:02	SBT	
3632	Colombe , Beth W.	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01	SSP SSO	
779	Daniel , Claude	*02	*03	*35	*57	*04	*07								
5214	Eckels/CPMC ,	*02	*03	*35	*57	*04	*07							SSO	
747	Ferrari-Lacraz , Sylv	*02	*03	*35	*57	*04	*07	*02:01:01:01	*03:01:01	*35:03:01	*57:03:01	*04:01:01:01	*07:01:02	SSO SBT	
762	Fischer , Gottfried							*02:01:01:01	*03:01:01	*35:03:01	*57:03	*04:01:01:01	*07:01:02	SBT NGS	
4079	Fort , Marylise	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01	SSP SSO	C*07:153
3545	Goldstein , Steven	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01	SSP SSO SBT	C*04:82 C*04:30 C*04:226 C*07:18 C*07:06 C*07:343
810	Hamdi , Nuha	*02	*03	*35	*57	*04	*07							SSO	
771	Israel , Shoshana	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01	SSP SSO	
725	Lardy , N.M.	*02	*03	*35	*57	*04	*07							SSO	
745	Latham , Katy							*02:01:01:01	*03:01:01	*35:03:01	*57:03:01	*04:01:01:01	*07:01:02	SSP SBT NGS	
278	Lee , Jar-How	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01		
6649	Lim , Young Ae	*02	*03	*35	*57									SSP	
54	Pancoska , Carol	*02	*03	*35	*57	*04	*07								
8001	Rao , Prakash	*02	*03	*35	*57	*04	*07							SSO	
3625	Rees , Tracey	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01	*07:01		
793	Rubocki , Ronald	*02	*03	*35	*57	*04	*07							SSP	
4251	Schiller , Jennifer	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03	*57:03	*04:01P	*07:01:01G	SSO SBT	
3808	Thornton , Alycia	*02	*03	*35	*57	*04	*07			*35:03	*57:03			SSP SBT	
3186	Watson , Narelle	*02	*03	*35	*57	*04	*07							SSO	
16	Zhang , Aiwen	*02	*03	*35	*57	*04	*07	*02:01	*03:01	*35:03:01	*57:03:01	*04:01	*07:01	SSO SBT	A*02:95 A*02:237 A*02:24 A*02:338 A*03:05:01 A*03:07 A*03:17:01 A*03:23:01 A*03:95 A*03:108 C*04:29 C*04:54 C*04:112 C*04:166 C*07:09 C*07:27:01 C*07:28 C*07:73 C*07:108:02 A*02:195 B*35:04:01 C*04:15:02 A*02:26 A*02:35:01

Table 12. Individual laboratory results for Cell #1578

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*02	*02	*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:01:01:01	*02:06:01:01	*35:01:01	*39:02:02	*04:01:01:01	*07:02:01	NGS	
4492	Caillat-Zucman , Sc	*02		*35	*39	*04	*07								
774	Cecka , J. Michael	*02	*02	*35	*39	*04	*07		*02:06		*39:02			SSP SSO	A*02:106 A*02:278 A*02:290 A*02:328 A*02:330 A*02:333 A*02:404 A*02:405 A*02:419 A*02:428 A*02:471 A*02:472 A*02:476N A*02:493 A*02:506N B*39:13 B*39:23
8070	Chang , Uckjin							*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SBT	
798	Claas , F.H.J.							*02:01:01	*02:06:01	*35:01:01	*39:02:02	*04:01:01	*07:02:01	SBT	
3632	Colombe , Beth W.	*02	*02	*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SSP SSO	
779	Daniel , Claude	*02	*02	*35	*39	*04	*07								
5214	Eckels/CPMC ,	*02	*02	*35	*39	*04	*07							SSO	
747	Ferrari-Lacraz , Syl	*02	*02	*35	*39	*04	*07	*02:01:01:01	*02:06:01:01	*35:01:01:02	*39:02:02	*04:01:01:01	*07:02:01	SSO SBT	
762	Fischer , Gottfried							*02:01:01:01	*02:06:01:01	*35:01:01:02	*39:02:02	*04:01:01:01	*07:02:01	SBT NGS	
4079	Fort , Marylise	*02		*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SSP SSO	A*02:157
3545	Goldstein , Steven	*02		*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SSP SSO SBT	B*35:42 C*04:82 C*07:50 C*04:30 C*04:226 C*07:349
810	Hamdi , Nuha	*02	*02	*35	*39	*04	*07							SSO	
771	Israel , Shoshana	*02		*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02	SSP SSO	
725	Lardy , N.M.	*02		*35	*39	*04	*07							SSO	
745	Latham , Katy							*02:01:01:01	*02:06:01:01	*35:01:01:02	*39:02:02	*04:01:01:01	*07:02:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*02	*35	*39	*04	*07	*02:01	*02:06	*35:01	*39:02	*04:01	*07:02		
6649	Lim , Young Ae	*02		*35	*39									SSP	
54	Pancoska , Carol	*02		*35	*39	*04	*07								
8001	Rao , Prakash	*02		*35	*39	*04	*07							SSO	
3625	Rees , Tracey	*02	*02	*35	*39	*04	*07	NT	*02:06	*35:01	*39:02	NT	*07:02		B*35:40N
793	Rubocki , Ronald	*02		*35	*39	*04	*07							SSP	
4251	Schiller , Jennifer	*02	*02	*35	*39	*04	*07	*02:01	*02:06	*35:01:01G	*39:02	*04:01P	*07:02:01G	SSO SBT	
3808	Thornton , Alycia	*02		*35	*39	*04	*07			*35:01	*39:02			SSP SBT	B*35:42
3186	Watson , Narelle	*02	*02	*35	*39	*04	*07							SSO	

Table 12. Individual laboratory results for Cell #1578

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
16	Zhang , Aiwen	*02	*02	*35	*39	*04	*07	*02:01:01	*02:06	*35:01	*39:02:02	*04:01	*07:02	SSO SBT	B*35:29:01 B*35:42:01 C*04:07 C*07:64 C*07:76:01 C*07:172:01 B*39:13:01 C*04:29 C*04:42:02 C*04:58 C*04:166 C*07:125 C*07:307

Table 13. Individual laboratory results for Cell #1579

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	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*01:01:01:01	*11:01:01:01	*35:01:01	*57:01:01	*04:01:01:01	*06:02:01:01	NGS	
4492	Caillat-Zucman , So	*01	*11	*35	*57	*04	*06							SSP	
774	Cecka , J. Michael	*01	*11	*35	*57	*04	*06				*57:01			SSP SSO	
8070	Chang , Uckjin							*01:01	*11:01	*35:01	*57:01	*04:01	*06:02	SBT	
798	Claas , F.H.J.							*01:01:01:01	*11:01:01	*35:01:01	*57:01:01	*04:01:01	*06:02:01	SBT	
3632	Colombe , Beth W.	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02	SSP SSO	
779	Daniel , Claude	*01	*11	*35	*57	*04	*06								
5214	Eckels/CPMC ,	*01	*11	*35	*57	*04	*06							SSO	
747	Ferrari-Lacraz , Sylv													SSO SBT	
762	Fischer , Gottfried							*01:01:01:01	*11:01:01:01	*35:01:01:02	*57:01:01	*04:01:01:01	*06:02:01:01	SBT NGS	
4079	Fort , Marylise	*01	*11	*35	*57	*04	*06							SSP SSO	
3545	Goldstein , Steven	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02	SSP SSO SBT	C*04:30 C*04:82 C*06:83 C*04:226 B*35:42
810	Hamdi , Nuha	*01	*11	*35	*57	*04	*06							SSO	
771	Israel , Shoshana	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02	SSP SSO	
725	Lardy , N.M.	*01	*11	*35	*57	*04	*06							SSO	
745	Latham , Katy							*01:01:01:01	*11:01:01:01	*35:01:01:02	*57:01:01	*04:01:01:01	*06:02:01:01	SSP SBT NGS	
278	Lee , Jar-How	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02		
6649	Lim , Young Ae	*01	*11	*35	*57									SSP	
54	Pancoska , Carol	*01	*11	*35	*57	*04	*06								
8001	Rao , Prakash	*01	*11	*35	*57	*04	*06							SSO	
3625	Rees , Tracey	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01	*57:01	*04:01	*06:02		B*35:42 C*06:83 C*06:116N
793	Rubocki , Ronald	*01	*11	*35	*57	*04	*06							SSP	
4251	Schiller , Jennifer	*01	*11	*35	*57	*04	*06	*01:01	*11:01	*35:01:01G	*57:01	*04:01P	*06:02:01G	SSO SBT	
3808	Thornton , Alycia	*01	*11	*35	*57	*04	*06							SSP SBT	
3186	Watson , Narelle	*01	*11	*35	*57	*04	*06							SSO	
16	Zhang , Aiwen	*01	*11	*35	*57	*04	*06	*01:01:01:01	*11:01:01	*35:01	*57:01	*04:01	*06:02	SSO SBT	A*01:26 A*11:17 A*11:112 A*11:155 A*11:199 B*35:27 C*04:166 C*06:06 A*01:28 A*11:44 A*01:98 A*01:25 A*01:43 B*35:42:01 B*57:60 C*04:94:01 C*06:28

Table 14. Individual laboratory results for Cell #1580

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*24		*15	*39	*02	*07	*24:02		*15:03	*39:01P	*02:10	*07:02	SSP SSO SBT RT-PCR	B*39:01L
5133	Askar , Medhat							*24:02:01		*15:03:01	*39:01:01:03	*02:10:01:01	*07:02:01:01	NGS	
4492	Caillat-Zucman , So	*24		*15	*39	*02	*07							SSP	
774	Cecka , J. Michael	*24		*15	*39	*02	*07			*15:03				SSP SSO	B*15:103 B*15:220
8070	Chang , Uckjin							*24:02		*15:03	*39:01	*02:10	*07:02	SBT	
798	Claas , F.H.J.							*24:02:01		*15:03:01	*39:01:01	*02:10:01	*07:02:01	SBT	
3632	Colombe , Beth W.	*24		*15	*39	*02	*07	*24:02		*15:03	*39:01	*02:10	*07:02:01	SSP SSO	
779	Daniel , Claude	*24		*15	*39	*02	*07			*15:03					
5214	Eckels/CPMC ,	*24		*15 (B72)	*39	*02	*07							SSO	
747	Ferrari-Lacraz , Sylv													SSO SBT	
762	Fischer , Gottfried							*24:02:01:01		*15:03:01	*39:01:01:03	*02:10	*07:02:01:01	SBT NGS	
4079	Fort , Marylise	*24		*15	*39	*02	*07							SSP SSO	
3545	Goldstein , Steven	*24		*15	*39	*02	*07	*24:02		*15:03	*39:01	*02:10	*07:02	SSP SSO SBT	B*39:05 C*07:349 B*15:61 C*07:50
810	Hamdi , Nuha	*24	*24	*15	*39	*02	*07							SSO	
771	Israel , Shoshana	*24		*15	*39	*02	*07	*24:02		*15:03	*39:01	*02:10	*07:02	SSP SSO	
725	Lardy , N.M.	*24		*15	*39	*02	*07							SSO	
745	Latham , Katy							*24:02:01:01		*15:03:01	*39:01:01:03	*02:10	*07:02:01:01	SSP SBT NGS	
278	Lee , Jar-How	*24	*24	*15	*39	*02	*07	*24:02	*24:02	*15:03	*39:01	*02:02	*07:02		
6649	Lim , Young Ae	*24		*15	*39									SSP	
54	Pancoska , Carol	*24		*15	*39	*02	*07								
8001	Rao , Prakash	*24		*15 (B72)	*39	*02	*07							SSO	
3625	Rees , Tracey	*24	*24	*15	*39	*02	*07	NT	NT	*15:03	*39:01	*02:10	*07:02		B*15:103 B*15:220
793	Rubocki , Ronald	*24		*15	*39	*02	*07							SSP	
4251	Schiller , Jennifer	*24	*24	*15	*39	*02	*07	*24:02	*24:02	*15:03:01G	*39:01:01G	*02:10	*07:02:01G	SSO SBT	
3808	Thornton , Alycia	*24		*15	*39	*02	*07			*15:03				SSP SBT	
3186	Watson , Narelle	*24	*24	*15	*39	*02	*07							SSO	
16	Zhang , Aiwen	*24	*24	*15	*39	*02	*07	*24:02	*24:02	*15:03	*39:01	*02:10	*07:02:01	SSO SBT	B*15:61 B*15:103 B*39:05:01 C*02:55 B*15:220 C*02:27:02 C*07:39 C*07:76

Table 15. Individual laboratory results for Cell #1577-1580 by serology

Investigator	Days Old	Cell No 1577 (Hispanic)										Cell No 1578 (Hispanic)							Cell No 1579 (Mixed)							Cell No 1580 (Hispanic)											
		Viab %	A2	A3	B35	B57	Cw4	Cw7	Bw4	Bw6	OTHERS	Viab %	A2	B35	B39	Cw4	Cw7	Bw6	OTHERS	Viab %	A1	A11	B35	B57	Cw4	Cw6	Bw4	Bw6	OTHERS	Viab %	A24	B72	B39	Cw2	Cw7	Bw6	OTHERS
Cecka, J. Mic	2	>95	+	+	+	+					>95	+	+	+					>95	+	+	+	+						>95	+	+	+					
Claas, F.H.J.	6	90	+	+	+	+	+				90	+	+	+	+				90	+	+	+	+	+				90	+	+	+	+					
Dunckley, Hea		90	+	+	+	+					60	+	+	+					90	+	+	+	+					90	+	+	+						
Enczmann, J		90	+	+	+	+					85	+	+	+					70	+	+	+	+					80	+	+	+						
Ferrari-Lacra		70	+	+	+	+	+	+	+		70	+	+	+	+	+	+																				
Fort, Marylis	3	98	+	+	+	+					98	+	+	+																							
Hahn, Amy B.		99	+	+	+	+					99	+	+	+					99	+	+	+	+					90	+	+	+					+	
Juarez, Fabio			+	+	+	+	+	+	+			+	+	+	+	+	+			+	+	+	+	+	+	+			+	+	+	+	+	+			
Latham, Katy	3	95	+	+	+	+					90	+	+	+					90	+	+	+	+					90	+	+	+	+					
Pancoska, Car	2	98	+	+	+	+					98	+	+	+					98	+	+	+	+					98	+	+	+					+	
Permpikul, Ve	6	90	+	+	+	+					90	+	+	+					90	+	A11.1	+	+					90	+		+					+	
Pule, Ziningi		80	+	+	+	+	+	+			80	+	+	+	+	+			80	+	+	+	+	+	+			75	+	B35	+	+	+			A30	
Rees, Tracey	3	80	+	+	+	+	+	+	+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+		90	+	B70	+	+	+	+	+		
Renac, Virgin	3	100	+	+	+	+					100	+	+	+					100	+	+	+	+					100	+	B70	+					+	
Rubocki, Rona		98	+	+	+	+	+	+	+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	+	98	+	B70	+	+	+	+	+		
Shai, Isaac	13	82	+	+	+	+	+	+	+		84	+	+	+	+	+	+	B70, A28	82	+	+	+	+	+	+	+	+	80	+	B70	+	+	+	+	+	Bw4	
Thornton, Aly	8	90	+	+	+	+	+	+	+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+		90	+	B70	+	+	+	+	+		
Vidan-Jeras,	6	100	+	+	+	+	+	+	+		100	+	+	+	+	+	+		100	+	+	+	+	+	+	+		95	+	B15	+	+	+	+	+	B15	
Watson, Narel	8	90	+	+	+	+					90	+	+	+					90	+	+	+	+				95	+	B15	+				+	B15		
Zhang, Aiwen	2	95	+	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+	+				95	+	B70	+	+	+				