CELL EXCHANGE #396
FEBRUARY 8, 2017

Cells 1581-1584

The results for Cell Exchange #396 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 serological results for each sample are listed in Table 15.

Cell 1581. The reported type for this sample from a Chinese donor is A*02:06(A2)-A*11:01(A11)-B*35:05(B35)-B*46:01(B46)-C*01:02-(Cw1) C*04:01(Cw4). Likely class I associations present in this cell are A*02:06-B*35:05-C*04:01 and A*11:01-B*46:01-C*01:02, observed in Asian populations, with respective frequencies of 0.00028 and 0.00568. A*02:06 was reported in complete consensus, with NGS assigning A*02:06:01:01. A*11:01 was also reported in complete consensus, with 4 labs assigning A*11:01:01. B*35:05 (100%) and B*46:01 (100%) were reported as the B-locus types, with B*35:05:01 and B*46:01:01 each assigned by 5 labs. The C-locus types were reported as C*01:02 (100%) and C*04:01 (100%), with 4 labs assigning C*01:02:01 and C*04:01:01. By serology, A2 (100%), A11 (100%), B35 (100%), B46 (94%), Cw1 (44%), and Cw4 (44%) were all well assigned.

Cell 1582. The reported type for this sample from a Hispanic donor is A*02:01(A2)-A*32:01(A32)-B*27:02(B27)-B*52:01(B52)-C*02:02(Cw2)-C*03:03(Cw3). The likely class I associations present in this cell are A*02:01-B*52:01-C*03:03 and A*32:01-B*27:02-C*02:02, with respective frequencies of 0.00520 and 0.00050, in Hispanics. A*02:01 and A*32:01 were each reported in complete consensus, with 5 labs assigning A*02:01:01 and A*32:01:01. B*27:02 and B*52:01 were also reported in complete consensus, with 5 labs reporting B*27:02:01 and B*52:01:02. C*02:02 (100%) and C*03:03 (100%) were reported as the C-locus types. The antigens encoded by these alleles were well detected by serology and reported as A2 (100%), A32 (100%), B27(100%), B52 (9%), Cw2(47%), and Cw3 (47%).

Cell 1583. The reported type for this sample from a donor of mixed heritage is A*02:01(A2)-A*32:01(A32)-B*27:05(B27)-B*44:02(B44)-C*02:02(Cw2)-C*05:01(Cw5). Likely class I associations in this cell are A*02:01-B*27:05-C*02:02 and A*32:01-B*44:02-C*05:01, observed across all populations, most commonly in Caucasians, with respective frequencies of 0.00706 and 0.00481. The A-locus types in this samples were reported as A*02:01 (100%) and A*32:01 (100%), with 5 labs reporting A*02:01:01 and A*32:01:01. B*27:05 and B*44:02 were each reported in complete consensus, with 4 labs assigning B*27:05:02 and B*44:02:01. C*02:02 (93%) and C*05:01 (100%) were the reported C-locus types. A2 (100%), A32 (100%), B27 (100%), B44 (100%), Cw2 (44%), and Cw5 (39%) were assigned by serology.

Cell 1584. The reported type for this sample from a donor of mixed Hispanic and Caucasian ancestry is A*02:01(A2)-A*03:02(A3)-B*27:05(B27)-B*51:02(B51)-C*01:02(Cw1)-C*15:02. Previous exchange data from family studies reveal the haplotypes in this cell to be A*02:01-B*27:05-C*01:02 and A*03:02-B*51:02-C*15:02. This sample was first typed back in 1987 as cell 538. Since then, it has been typed numerous times in the exchange as cell 996 (1999) and as extracts 38 (1998), 148 (2000), and 572 (2013). In this present retyping, A*02:01 and A*03:02 were each assigned in complete consensus, with 5 labs assigning A*02:01:01 and 6 labs assigning A*03:02:01. The B-locus types were reported as B*27:05 (93%) and B*51:02 (93%). C*01:02 (100%) and C*15:02 (100%) were the reported C-locus types. By serology, A2 (100%), A3 (100%), B27 (100%), B51 (94%), and Cw1 (50%) were all reported with good agreement.

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Table 9. Summary of the 396th Cell Exchange (Cell #1581-1584)

DNA typing

Cell 1581	
24 low/16 high labs - A	%(n)
A*02:06:01:01	19(3)
A*02:06:01	6 (1)
A*02:06	75(12)
A*02	100(24)
24 low/15 high labs - A	%(n)
A*11:01:01	27(4)
A*11:01	73(11)
A*11	96(23)
*A*03*	*4 (1)*
23 low/15 high labs - B	%(n)
B*35:05:01	33(5)
B*35:05	67(10)
B*35	100(23)
23 low/15 high labs - B	%(n)
B*46:01:01	33(5)
B*46:01	67(10)
B*46	100(23)
22 low/15 high Labs - C	%(n)
C*01:02:01	27(4)
C*01:02:01G	6 (1)
C*01:02	67(10)
C*01	100(22)
22 low/15 high Labs - C	%(n)
C*04:01:01:01	13(2)
C*04:01:01	13(2)
C*04:01P	7 (1)
C*04:01	67(10)
C*04	100(22)

Cell 1582	
24 low/15 high labs - A	%(n)
A*02:01:01:01	20(3)
A*02:01:01	13(2)
A*02:01:01G	7 (1)
A*02:01	60(9)
A*02	100(24)
24 low/15 high labs - A	%(n)
A*32:01:01	33(5)
A*32:01	67(10)
A*32	100(24)
24 low/16 high labs - B	%(n)
B*27:02:01	31(5)
B*27:02	69(11)
B*27	100(24)
24 low/16 high labs - B	%(n)
B*52:01:02	31(5)
B*52:01	69(11)
B*52	92(22)
*B*51*	*8 (2)*
23 low/15 high Labs - C	%(n)
C*02:02:02:01	7 (1)
C*02:02:02	20(3)
C*02:02	73(11)
C*02	100(23)
23 low/16 high Labs - C	%(n)
C*03:03:01	31(5)
C*03:03:01G	6 (1)
C*03:03	63(10)
C*03(Cw9)	9 (2)
C*03	87(20)
*C*15*	*4 (1)*

Cell 1583	
23 low/15 high labs - A	%(n)
A*02:01:01:01	20(3)
A*02:01:01	13(2)
A*02:01:01G	7 (1)
A*02:01	60(9)
A*02	100(23)
23 low/15 high labs - A	%(n)
A*32:01:01	33(5)
A*32:01	67(10)
A*32	96(22)
*A*03*	*4 (1)*
23 low/15 high labs - B	%(n)
B*27:05:02	26(4)
B*27:05:02G	7 (1)
B*27:05	67(10)
B*27	100(23)
23 low/15 high labs - B	%(n)
B*44:02:01:01	20(3)
B*44:02:01	7 (1)
B*44:02:01G	7 (1)
B*44:02	66(10)
B*44	22(96)
*B*52*	*4 (1)*
22 low/15 high Labs - C	%(n)
C*02:02:02:01	13(2)
C*02:02	80(12)
*C*02:10*	*7 (1)*
C*02	100(22)
22 low/15 high Labs - C	%(n)
C*05:01:01:02	13(2)
C*05:01	87(13)
C*05	95(21)
*C*03*	*5 (1)*

Cell 1584	
23 low/14 high labs - A	%(n)
A*02:01:01:01	21(3)
A*02:01:01	14(2)
A*02:01:01G	7 (1)
A*02:01	57(8)
A*02	100(23)
23 low/14 high labs - A	%(n)
A*03:02:01	43(6)
A*03:02	57(8)
A*03	96(22)
*A*68*	*4 (1)*
23 low/14 high labs - B	%(n)
B*27:05:02	29(4)
B*27:05:02G	14(2)
B*27:05	50(7)
*B*27:03*	*7 (1)*
B*27	100(23)
23 low/14 high labs - B	%(n)
B*51:02:01:01	14(2)
B*51:01:01:01	7 (1)
B*51:02:01	7 (1)
B*51:02:01G	7 (1)
B*51:02P	7 (1)
B*51:02	57(8)
B*51	96(22)
*B*44*	*4 (1)*
22 low/14 high labs - C	%(n)
C*01:02:01	29(4)
C*01:02:01G	7 (1)
C*01:02	64(9)
C*01	95(21)
*C*02*	*5 (1)*
22 low/14 high labs - C	%(n)
C*15:02:01	29(4)
C*15:02:01G	7 (1)
C*15:02	64(9)
C*15	95(21)
*C*05*	*5 (1)*

Table 10. Summary of the 396th Cell Exchange (Cell #1581 - 1584)

Serological typing

(Chinese)	
Cell 1581	
(18 Samples Typed)	
A2	100.0%
	[100.0%]
A11	94.4%
A11.1	5.6%
	[100.0%]
B35	100.0%
B46	94.4%
Cw1	44.4%
Cw4	44.4%
	[44.4%]
Bw6	72.2%
Others Found	
B70	5.6%
Cw3	5.6%
B75	5.6%

(Hispanic)	
Cell 1582	
(19 Samples Typed)	
A2	100.0%
	[100.0%]
A32	100.0%
	[100.0%]
B27	100.0%
	[100.0%]
B52	94.7%
	[94.7%]
Cw2	47.4%
Cw9	5.3%
Cw3	42.1%
	[47.4%]
Bw4	68.4%
Others Found	
B5	10.5%
Bw6	10.5%

(Mixed)	
Cell 1583	
(18 Samples Typed)	
A2	100.0%
	[100.0%]
A32	100.0%
	[100.0%]
B27	100.0%
	[100.0%]
B44	100.0%
	[100.0%]
Cw2	44.4%
Cw5	38.9%
	[38.9%]
Bw4	66.7%
Others Found	
B38	5.6%

(Mixed)	
Cell 1584	
(18 Samples Typed)	
A2	100.0%
	[100.0%]
A3	100.0%
B27	100.0%
	[100.0%]
B51	94.4%
B5	5.6%
	[100.0%]
Cw1	50.0%
Bw4	66.7%
Others Found	
Cw5	5.6%
B38	5.6%

Table 11. Individual laboratory results for Cell #1581

		Low Resolution						High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:06:01:01	*11:01:01	*35:05:01	*46:01:01	*01:02:01	*04:01:01	NGS	
4492	Caillat-Zucman , So	*02	*11	*35	*46	*01	*04							SSP	
774	Cecka , J. Michael	*02	*11	*35	*46	*01	*04	*02:06						SSP SSO	A*02:278 A*02:290 A*02:328 A*02:330 A*02:333 A*02:428 A*02:471 A*02:472 A*02:476N A*02:493 A*02:506N
8070	Chang , Uckjin							*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SBT	
798	Claas , F.H.J.							*02:06:01	*11:01:01	*35:05:01	*46:01:01	*01:02:01	*04:01:01	SBT	
3632	Colombe , Beth W.	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSP SSO	
779	Daniel , Claude	*02	*11	*35	*46	*01	*04							SSP SSO	
8099	Danish , Adel	*02	*03											SSO	
3766	Dunckley , Heather	*02	*11	*35	*46	*01	*04							SSO	
5214	Eckels/CPMC ,	*02	*11	*35	*46	*01	*04							SSO	
762	Fischer , Gottfried							*02:06:01:01	*11:01:01	*35:05:01	*46:01:01	*01:02:01	*04:01:01:01	SSO SBT NGS	
4079	Fort , Marylise	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSP SSO	A*11:126
8043	Gideoni , Osnat	*02	*11	*35	*46	*01	*04							SSP SSO	
3545	Goldstein , Steven	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSO SBT	C*01:85 C*04:226
810	Hamdi , Nuha							*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSO	
771	Israel , Shoshana	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01	SSO SBT	
725	Lardy , N.M.	*02	*11	*35	*46	*01	*04							SSP SSO	
745	Latham , Katy							*02:06:01:01	*11:01:01	*35:05:01	*46:01:01	*01:02:01	*04:01:01:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01		
6649	Lim , Young Ae	*02	*11	*35	*46									SSP	
54	Pancoska , Carol	*02	*11	*35	*46	*01	*04								
8001	Rao , Prakash	*02	*11	*35	*46	*01	*04								
3625	Rees , Tracey	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02	*04:01		
793	Rubocki , Ronald	*02	*11	*35	*46	*01	*04							SSP	
4251	Schiller , Jennifer	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05	*46:01	*01:02:01G	*04:01P	SSO SBT	
3808	Thornton , Alycia	*02	*11	*35	*46	*01	*04							SSP	
5642	Varnavidou-Nicolaid	*02	*11	*35	*46	*01	*04							SSP	
3186	Watson , Narelle	*02	*11	*35	*46	*01	*04							SSO	
16	Zhang , Aiwen	*02	*11	*35	*46	*01	*04	*02:06	*11:01	*35:05:01	*46:01:01	*01:02	*04:01	SSP SSO SBT	B*46:12 C*04:29 C*04:166 A*11:119:01 B*35:68:02 C*01:14 C*01:17 A*02:137 C*01:64 C*04:33 C*01:58 C*04:10

Table 12. Individual laboratory results for Cell #1582

		Low Resolution						High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:01:01:01	*32:01:01	*27:02:01	*52:01:02	*02:02:02	*03:03:01	NGS	
4492	Caillat-Zucman , So	*02	*32	*27	*52	*02	*03							SSP	
774	Cecka , J. Michael	*02	*32	*27	*52	*02	*03			*27:02	*52:01			SSP SSO	B*27:57 B*52:31 B*27:53 B*27:95
8070	Chang , Uckjin							*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SBT	
798	Claas , F.H.J.							*02:01:01	*32:01:01	*27:02:01	*52:01:02	*02:02:02	*03:03:01	SBT	
3632	Colombe , Beth W.	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSP SSO	
779	Daniel , Claude	*02	*32	*27	*51	*02	*03						*03:03	SSP SSO	
8099	Danish , Adel	*02	*32	*27	*51	*02	*15							SSO	
3766	Dunckley , Heather	*02	*32	*27	*52	*02	*03							SSO	
5214	Eckels/CPMC ,	*02	*32	*27	*52	*02	*03 (Cw9)							SSO	
762	Fischer , Gottfried							*02:01:01:01	*32:01:01	*27:02:01	*52:01:02	*02:02:02:01	*03:03:01	SSO SBT NGS	
4079	Fort , Marylise	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSP SSO	
8043	Gideoni , Osnat	*02	*32	*27	*52	*02	*03							SSP SSO	
3545	Goldstein , Steven	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSO SBT	C*03:20N C*03:227
810	Hamdi , Nuha							*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSO	
771	Israel , Shoshana	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03	SSO SBT	
725	Lardy , N.M.	*02	*32	*27	*52	*02	*03							SSP SSO	
745	Latham , Katy							*02:01:01:01	*32:01:01	*27:02:01	*52:01:02	*02:02:02	*03:03:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03		
6649	Lim , Young Ae	*02	*32	*27	*52									SSP	
54	Pancoska , Carol	*02	*32	*27	*52	*02	*03								
8001	Rao , Prakash	*02	*32	*27	*52	*02	*03 (Cw9)								
3625	Rees , Tracey	*02	*32	*27	*52	*02	*03	*02:01	*32:01	*27:02	*52:01	*02:02	*03:03		C*03:227
793	Rubocki , Ronald	*02	*32	*27	*52	*02	*03							SSP	
4251	Schiller , Jennifer	*02	*32	*27	*52	*02	*03	*02:01:01G	*32:01	*27:02	*52:01	*02:02	*03:03:01G	SSO SBT	
3808	Thornton , Alycia	*02	*32	*27	*52	*02	*03							SSP	
5642	Varnavidou-Nicolaid	*02	*32	*27	*52	*02	*03							SSP	
3186	Watson , Narelle	*02	*32	*27	*52	*02	*03							SSO	
16	Zhang , Aiwen	*02	*32	*27	*52	*02	*03	*02:01:01	*32:01:01	*27:02:01	*52:01:02	*02:02	*03:03:01	SSP SSO SBT	A*32:28 A*02:20:01 C*02:19 C*02:26:03 C*02:61 C*02:62 C*03:13:02 C*03:20N C*02:27:01 C*03:116:01 C*03:227 C*03:03:04 A*02:24:02 A*32:31 C*03:43:01

Table 13. Individual laboratory results for Cell #1583															
		Low Resolution						High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:01:01:01	*32:01:01	*27:05:02	*44:02:01:01	*02:02:02:01	*05:01:01:02	NGS	
4492	Caillat-Zucman , So	*02	*32	*27	*44	*02	*05							SSP	
774	Cecka , J. Michael	*02	*32	*27	*44	*02	*05							SSP SSO	
8070	Chang , Uckjin							*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SBT	
798	Claas , F.H.J.							*02:01:01	*32:01:01	*27:05:02	*44:02:01	*02:02	*05:01	SBT	
3632	Colombe , Beth W.	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:10	*05:01	SSP SSO	
779	Daniel , Claude	*02	*32	*27	*44	*02	*05							SSP SSO	
8099	Danish , Adel	*02	*03	*27	*52	*02	*03							SSO	
3766	Dunckley , Heather	*02	*32	*27	*44	*02	*05							SSO	
5214	Eckels/CPMC ,	*02	*32	*27	*44	*02	*05							SSO	
762	Fischer , Gottfried							*02:01:01:01	*32:01:01	*27:05:02	*44:02:01:01	*02:02:02:01	*05:01:01:02	SSO SBT NGS	
8043	Gideoni , Osnat	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SSP SSO	
3545	Goldstein , Steven	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SSO SBT	B*27:13 B*44:19N
810	Hamdi , Nuha							*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SSO	
771	Israel , Shoshana	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01	SSO SBT	
725	Lardy , N.M.	*02	*32	*27	*44	*02	*05							SSP SSO	
745	Latham , Katy							*02:01:01:01	*32:01:01	*27:05:02	*44:02:01:01	*02:02	*05:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01		
6649	Lim , Young Ae	*02	*32	*27	*44									SSP	
54	Pancoska , Carol	*02	*32	*27	*44	*02	*05								
8001	Rao , Prakash	*02	*32	*27	*44	*02	*05								
3625	Rees , Tracey	*02	*32	*27	*44	*02	*05	*02:01	*32:01	*27:05	*44:02	*02:02	*05:01		
793	Rubocki , Ronald	*02	*32	*27	*44	*02	*05							SSP	
4251	Schiller , Jennifer	*02	*32	*27	*44	*02	*05	*02:01:01G	*32:01	*27:05:02G	*44:02:01G	*02:02	*05:01	SSO SBT	
3808	Thornton , Alycia	*02	*32	*27	*44	*02	*05							SSP	
5642	Varnavidou-Nicolaid	*02	*32	*27	*44	*02	*05							SSP	
3186	Watson , Narelle	*02	*32	*27	*44	*02	*05							SSO	
16	Zhang , Aiwen	*02	*32	*27	*44	*02	*05	*02:01:01	*32:01:01	*27:05	*44:02	*02:02	*05:01	SSP SSO SBT	C*02:22 C*05:04:02 C*05:08 A*02:24:02 A*32:28 A*32:31 C*02:26:02 C*02:32 C*02:08 A*02:20:01 C*05:58:02 C*02:43 C*05:26

Table 14. Individual laboratory results for Cell #1584

		Low Resolution						High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02P	*01:02	*15:02	SSP SSO SBT RT-PCR	B*51:193
5133	Askar , Medhat							*02:01:01:01	*03:02:01	*27:05:02	*51:02:01:01	*01:02:01	*15:02:01	NGS	
4492	Caillat-Zucman , S	*02	*03	*27	*51	*01	*15							SSP	
774	Cecka , J. Michael	*02	*03	*27	*51	*01	*15							SSP SSO	
8070	Chang , Uckjin							*02:01	*03:02	*27:05	*51:02	*01:02	*15:02	SBT	
798	Claas , F.H.J.							*02:01:01	*03:02:01	*27:05:02	*51:02:01	*01:02:01	*15:02:01	SBT	
3632	Colombe , Beth W	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02	*01:02	*15:02	SSP SSO	
779	Daniel , Claude	*02	*03	*27	*51	*01	*15							SSP SSO	
8099	Danish , Adel	*02	*68	*27	*44	*02	*05							SSO	B*47
3766	Dunckley , Heathe	*02	*03	*27	*51	*01	*15							SSO	
5214	Eckels/CPMC ,	*02	*03	*27	*51	*01	*15							SSO	
762	Fischer , Gottfried							*02:01:01:01	*03:02:01	*27:05:02	*51:02:01:01	*01:02:01	*15:02:01	SSO SBT NGS	
8043	Gideoni , Osnat	*02	*03	*27	*51	*01	*15							SSP SSO	
3545	Goldstein , Steven	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02	*01:02	*15:02	SSO SBT	B*27:13 C*01:85 B*51:193 C*15:87
810	Hamdi , Nuha							*02:01	*03:02	*27:03	*51:02	*01:02	*15:02	SSO	
771	Israel , Shoshana	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02	*01:02	*15:02	SSO SBT	
725	Lardy , N.M.	*02	*03	*27	*51	*01	*15							SSP SSO	
745	Latham , Katy							*02:01:01:01	*03:02:01	*27:05:02	*51:01:01:01	*01:02:01	*15:02:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02	*01:02	*15:02		
6649	Lim , Young Ae	*02	*03	*27	*51									SSP	
54	Pancoska , Carol	*02	*03	*27	*51	*01	*15								
8001	Rao , Prakash	*02	*03	*27	*51	*01	*15								
3625	Rees , Tracey	*02	*03	*27	*51	*01	*15	*02:01	*03:02	*27:05	*51:02	*01:02	*15:02		B*51:193
793	Rubocki , Ronald	*02	*03	*27	*51	*01	*15							SSP	
4251	Schiller , Jennifer	*02	*03	*27	*51	*01	*15	*02:01:01G	*03:02:01	*27:05:02G	*51:02:01G	*01:02:01G	*15:02:01G	SSO SBT	
3808	Thornton , Alycia	*02	*03	*27	*51	*01	*15							SSP	
5642	Varnavidou-Nicola	*02	*03	*27	*51	*01	*15							SSP	
3186	Watson , Narelle	*02	*03	*27	*51	*01	*15							SSO	
16	Zhang , Aiwen	*02	*03	*27	*51	*01	*15	*02:01:01	*03:02:01	*27:05:02G	*51:02	*01:02	*15:02	SSP SSO SBT	C*01:49 B*27:05:18 B*51:193 C*01:14 C*15:07 C*15:37 A*02:237 A*03:10 B*27:27 B*51:11N B*51:85 C*01:22 C*01:48 C*15:08 C*15:10:02

Table 15. Individual laboratory results for Cell #1581-1584 by serology

		Cell No 1581 (Chinese)									Cell No 1582 (Hispanic)									Cell No 1583 (Mixed)									Cell No 1584 (Mixed)								
Investigator	Days Old	Viab %	A2	A11	B35	B46	Cw1	Cw4	Bw6	OTHERS	Viab %	A2	A32	B27	B52	Cw2	Cw3	Bw4	OTHERS	Viab %	A2	A32	B27	B44	Cw2	Cw5	Bw4	OTHERS	Viab %	A2	A3	B27	B51	Cw1	Cw15	Bw4	OTHERS
Cecka, J. Mic	2	>95	+	+	+	+			+		>95	+	+	+	+			+		>95	+	+	+	+			+		>95	+	+	+	+			+	
Claas, F.H.J.	6	90	+	+	+	+	+	+	+		90	+	+	+	+	+	+	+		90	+	+	+	+	+		+		90	+	+	+	+	+		+	
Dunckley, Hea	7	99	+	+	+	+					99	+	+	+	+					99	+	+	+	+					99	+	+	+	+				
Enczmann, J		90	+	+	+	+					85	+	+	+	+					90	+	+	+	+					90	+	+	+	+				
Fort, Marylis	3	98	+	+	+	+			+		98	+	+	+	+			+																		
Hahn, Amy B.		99	+	+	+	+			+		99	+	+	+	+			+		99	+	+	+	+			+		75	+	+	+	+			+	
Juarez, Fabio		98	+	+	+	+	+	+	+		98	+	+	+	+	+	Cw9	+		98	+	+	+	+	+	+	+		98	+	+	+	+	+		+	
Latham, Katy	3																																				
Pancoska, Car	2	98	+	+	+	+					98	+	+	+	+					98	+	+	+	+					98	+	+	+	+				
Permpikul, Ve	6	90	+	A11.1	+	+			+		85	+	+	+	+			+		90	+	+	+	+			+		90	+	+	+	+			+	
Pule, Ziningi		0									80	+	+	+	+	+	+		B5	75	+	+	+	+	+	+		B38	80	+	+	+	+	+			B38
Rees, Tracey		90	+	+	+	+	+	+			90	+	+	+	+	+	+			90	+	+	+	+	+	+			90	+	+	+	+	+			
Renac, Virgin	3	100	+	+	+	+			+		100	+	+	+	+			+		100	+	+	+	+			+		100	+	+	+	+			+	
Rubocki, Rona		98	+	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+	+	+	+	+		+	
Shai, Isaac	9	84	+	+	+	B70	+	+	+	B75,Cw3	88	+	+	+	+	+	+	+	Bw6	90	+	+	+	+	+	+	+		86	+	+	+	+	+		+	Cw5
Thornton, Aly		60	+	+	+	+	+	+	+		60	+	+	+	+	+	+	+		30	+	+	+	+	+	+	+		70	+	+	+	+	+		+	
Varnavidou-Ni	7	90	+	+	+	+			+		90	+	+	+	+			+		85	+	+	+	+			+		90	+	+	+	+			+	
Vidan-Jeras,	6	100	+	+	+	+	+	+	+		100	+	+	+	+	+	+	+	Bw6	95	+	+	+	+		+	+		90	+	+	+	+	+		+	
Watson, Narel	10	97	+	+	+	+			+		95	+	+	+	B5			+		97	+	+	+	+			+		98	+	+	+	B5			+	
Zhang, Aiwen	2	90	+	+	+	+	+	+			95	+	+	+	+	+	+			90	+	+	+	+	+				95	+	+	+	+	+			