

CELL EXCHANGE #392

MAY 16, 2016

Cells	1565-1568
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The results for Cell Exchange #392 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.

Cell 1565. The consensus type for this sample from a Hispanic donor is A*24:02(A24)-A*33:05(A33)-B*14:02(B65)-B*45:01(B45)-C*08:02(Cw8)-C*16:01. One likely association in this cell is A*24:02-B*45:01-C*16:01, with HF=0.00139, in Hispanics. The other likely association present is A*33:05-B*14:02-C*08:02, observed exclusively in Caucasians, with HF=0.00025.

This cell was previously typed as cells 1504 (2013) and 1357 (2009), as correctly identified by Class, Rees, and Tiercy. It was also studied as extracts 508 (2011) and 436 (2008). In this present retyping, A*33:05 was assigned by 88% of labs reporting at high resolution. A*24:02 (100%) was reported as the second A-locus type. A*24:02:01:01 was assigned by 2 labs (1 Gen-3 and 1 SBT). A24 (100%) and A33 (100%) were assigned by serology. B*14:02 (100%) and B*45:01 (100%) were the B-locus types, with 7 labs assigning B*14:02:01 and 6 labs assigning B*45:01:01. B65 and B45 were detected by 73% and 100%, respectively. C*08:02 and C*16:01 were each reported in complete consensus, with 7 labs assigning C*08:02:01 and 6 labs reporting C*16:01:01.

Cell 1566. The consensus type for this sample from a Filipino donor is A*11:01(A11)-A*24:02(A24)-B*40:10(B60)-B*48:01(B48)-C*04:03-C*08:01 (Cw8). The likely associations in this cell are A*24:02-B*48:01-C*08:01 and A*11:01-B*40:10-C*04:03, with respective frequencies of 0.00624 and 0.00001, in Asians. The rare A*11:01-B*40:10-C*04:03 association in this cell was observed in Ter1165 (same as cell 1165, 1092 and 991), a reference cell for B*40:10:01:01, also from a Filipino donor.

This cell was previously studied as cells 1535 (2014), 1425 (2011), 1282 (2006), 1225 (2005), 1159 (2003), and 1128 (2002), as correctly identified by Claas, Rees, and Tiercy. In this present retyping, B*40:10 was reported by 96%, with 7 labs assigning B*40:10:01. The detection of B60 in this cell continues to improve, increasing from 88% in 2014 to 96% in this present typing. B*48:01 (100%) was reported as the second B-locus type, with 6 labs assigning B*48:01:01. B48 (91%) was reported by serology. C*04:03 and C*08:01 were each reported in complete consensus, with 5 labs assigning C*04:03:01 and C*08:01:01. For the antigen encoded by C*04:03, Cw4 (23%), Cw0403 (5%), and Cw6 (5%) were assigned.

Cell 1567. The consensus type for this sample from a Korean donor is A*02:01(A2)-A*31:01(A31)-B*35:01(B35)-B*44:02(B44)-C*04:01(Cw4)-C*05:01(Cw5). The likely haplotypes in this cell are A*31:01-B*35:01-C*04:01 and A*02:01-B*44:02-C*05:01, with respective frequencies of 0.00217 and 0.00183, in Asians.

A*02:01, A*31:01, B*35:01, B*44:02, C*04:01, and C*05:01 were all assigned in complete consensus. A*02:01:01, A*31:01:02, and C*05:01:01 were each reported by 6 labs. B*35:01:01 was reported by 4 labs, B*44:02:01 by 3 labs, and C*04:01:01 by 5 labs. By serology, A2 (100%) and A31 (100%) were assigned as the A-locus types, while the B-locus types were assigned as B35 (95%) and B44 (100%). By no surprise, the assignment of Cw4 in this cell was higher than that of the variant encoded by C*04:03 in cell 1566, in which only 23% assigned Cw4 compared to 60% assigning Bw6 in cell 1567. Cw5 was reported by 55%.

Cell 1568. The consensus type for this sample from a Hispanic donor is A*01:01(A1)-A*30:02(A30)-B*15:04(B62)-B*57:03(B57)-C*01:02(Cw1)-C*18:02. One probable association in this cell is B*15:04-C*01:02, exclusively observed in Hispanics, with HF=0.00100. The other likely association is B*57:03-C*18:02, observed in previous exchange cells 1083 (2001) and 1144 (2002).

The sample has been typed a number of times in the exchange as cells 1542 (2015), 1431 (2011), 1318 (2007), and extract 429 (2008), as noted by Claas and Rees. In this present retyping, B*15:04 was reported by 100%. B*15:04:01 was reported by 5 labs. B*57:03 (100%) was reported as the second B-locus type, with 6 labs assigning B*57:03:01. B62 and B57 were reported by 85% and 100%, respectively. A*01:01 (100%) and A*30:02 (100%) were assigned as the A-locus types, with serology reporting A1 (100%) and A30 (100%). A*01:01:01 and A*30:02:01 were each reported by 6 labs. C*01:02 was assigned in complete consensus, while Cw1 (55%) was detected by serology. As with previous studies, no consensus was reached for the subtype of C*18, as C*18:02 (60%), C*18:01:01G (13%), C*18:01 (13%), C*18:01/02 (13%) were all assigned.

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Table 9. Summary of the 392nd Cell Exchange (Cell #1565-1568)

DNA typing

Cell 1565	
26 low/16 high labs - A	%(n)
A*24:02:01:01	13(2)
A*24:02:01	6 (1)
A*24:02:01G	6 (1)
A*24:02	75(12)
A*24	100(26)
26 low/16 high labs - A	%(n)
A*33:05	88(14)
A*33:01	6 (1)
A*33:01/05	6 (1)
A*33	100(26)
26 low/19 high labs - B	%(n)
B*14:02:01	37(7)
B*14:02	63(12)
B*14(B65)	12(3)
B*14	88(23)
26 low/16 high labs - B	%(n)
B*45:01:01	38(6)
B*45:01	62(10)
B*45	100(26)
25 low/16 high Labs - C	%(n)
C*08:02:01:01	6 (1)
C*08:02:01	38(6)
C*08:02	56(9)
C*08	100(25)
25 low/16 high Labs - C	%(n)
C*16:01:01	38(6)
C*16:01	62(10)
C*16	100(25)

Cell 1566	
26 low/16 high labs - A	%(n)
A*11:01:01	25(4)
A*11:01	75(12)
A*11	100(26)
26 low/16 high labs - A	%(n)
A*24:02:01:01	13(2)
A*24:02:01	6 (1)
A*24:02:01G	6 (1)
A*24:02	75(12)
A*24	100(26)
26 low/22 high labs - B	%(n)
B*40:10:01	32(7)
B*40:10	64(14)
B*40:01	4 (1)
B*40(B60)	12(3)
B*40	88(23)
26 low/17 high labs - B	%(n)
B*48:01:01G	6 (1)
B*48:01:01	35(6)
B*48:01	59(10)
B*48	100(26)
25 low/17 high Labs - C	%(n)
C*04:03:01	29(5)
C*04:03	71(12)
C*04	100(25)
25 low/16 high Labs - C	%(n)
C*08:01:01	31(5)
C*08:01:01G	13(2)
C*08:01	56(9)
C*08	100(25)

Cell 1567	
24 low/15 high labs - A	%(n)
A*02:01:01:01	7 (1)
A*02:01:01	33(5)
A*02:01	60(9)
A*02	100(24)
24 low/15 high labs - A	%(n)
A*31:01:02	40(6)
A*31:01:02G	7 (1)
A*31:01	53(8)
A*31	100(24)
24 low/16 high labs - B	%(n)
B*35:01:01:02	6 (1)
B*35:01:01	19(3)
B*35:01:01G	12(2)
B*35:01	63(10)
B*35	100(24)
24 low/15 high labs - B	%(n)
B*44:02:01:01	7 (1)
B*44:02:01	13(2)
B*44:02:01G	13(2)
B*44:02	67(10)
B*44	100(24)
23 low/15 high Labs - C	%(n)
C*04:01:01:01	7 (1)
C*04:01:01	26(4)
C*04:01:01G	7 (1)
C*04:01P	7 (1)
C*04:01	53(8)
C*04	100(23)
23 low/15 high Labs - C	%(n)
C*05:01:01:01	7 (1)
C*05:01:01:02	7 (1)
C*05:01:01	26(4)
C*05:01	60(9)
C*05	100(23)

Cell 1568	
24 low/15 high labs - A	%(n)
A*01:01:01:01	20(3)
A*01:01:01	20(3)
A*01:01	60(9)
A*01	100(24)
24 low/15 high labs - A	%(n)
A*30:02:01	40(6)
A*30:02	60(9)
A*30	100(24)
24 low/20 high labs - B	%(n)
B*15:04:01	25(5)
B*15:04	75(15)
B*15	88(21)
B*15(B62)	12(3)
24 low/16 high labs - B	%(n)
B*57:03:01	38(6)
B*57:03	62(10)
B*57	100(24)
23 low/15 high Labs - C	%(n)
C*01:02:01	33(5)
C*01:02:01G	13(2)
C*01:02	53(8)
C*01	100(23)
23 low/15 high Labs - C	%(n)
C*18:01:01G	13(2)
C*18:02	60(9)
C*18:01	13(2)
C*18:01/02	13(2)
C*18	100(23)

Table 11. Individual laboratory results for Cell #1565

Center	Investigator	Low Resolution						Intermediate/High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01	SSP SSO SBT RT-PCR	
5133	Askar , Medhat	*24	*33	*14	*45	*08	*16	*24:02:01	*33:05	*14:02:01	*45:01:01	*08:02:01	*16:01:01	SSO SBT NGS	
4492	Caillat-Zucman , Sc	*24	*33	*14	*45	*08	*16							SSP	
774	Cecka , J. Michael	*24	*33	*14	*45	*08	*16							SSP SSO	
8070	Chang , Uckjin							*24:02:01:01	*33:05	*14:02:01	*45:01	*08:02:01	*16:01:01	SBT	
798	Claas , F.H.J.							*24:02	*33:05	*14:02:01	*45:01:01	*08:02:01	*16:01:01	SBT	
3632	Colombe , Beth W.	*24	*33	*14	*45	*08	*16	*24:02	*33:01/05	*14:02	*45:01	*08:02	*16:01	SSP SSO	
779	Daniel , Claude	*24	*33	*14	*45	*08	*16			*14:02				SSO	
3766	Dunckley , Heather	*24	*33	*14	*45	*08	*16							SSO	
5214	Eckels/CPMC ,	*24	*33	*14(B65)	*45	*08	*16							SSO	
762	Fischer , Gottfried							*24:02	*33:05	*14:02	*45:01	*08:02	*16:01	NGS	
4079	Fort , Marylise	*24	*33	*14	*45	*08	*16							SSP	
3545	Goldstein , Steven	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01	SSP SSO SBT	
810	Hamdi , Nuha							*24:02	*33:01	*14:02	*45:01	*08:02	*16:01	SSO	
8043	Hod , Reut	*24	*33	*14	*45	*08	*16							SSP SSO	
771	Israel , Shoshana	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01	SSP SSO	
725	Lardy , N.M.	*24	*33	*14	*45	*08	*16							SSP SSO	
745	Latham , Katy							*24:02:01:01	*33:05	*14:02:01	*45:01:01	*08:02:01:01	*16:01:01	SSP SBT Gen-3	
278	Lee , Jar-How	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01		
6649	Lim , Young Ae	*24	*33	*14	*45									SSP	
731	Loewenthal , Ron	*24	*33	*14	*45	*08	*16	*24:02:01G	*33:05	*14:02:01	*45:01:01	*08:02:01	*16:01:01	SSP SSO SBT	
54	Pancoska , Carol	*24	*33	*14(B65)	*45	*08	*16								
8001	Rao , Prakash	*24	*33	*14(B65)	*45	*08	*16								
3625	Rees , Tracey	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01		C*08:52N
1160	Rosen-Bronson , Sa	*24	*33	*14	*45	*08	*16			*14:02				SSO	
793	Rubocki , Ronald	*24	*33	*14	*45	*08	*16							SSP	
4251	Schiller , Jennifer	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02	*45:01	*08:02	*16:01	SSO SBT	
3808	Thornton , Alycia	*24	*33	*14	*45	*08	*16			*14:02				SSP SBT	
747	Tiercy , Jean-Marie	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02:01	*45:01:01	*08:02:01	*16:01	SSP SSO SBT	
3186	Watson , Narelle	*24	*33	*14	*45	*08	*16							SSO SBT	B*14:02/*14:09
16	Zhang , Aiwen	*24	*33	*14	*45	*08	*16	*24:02	*33:05	*14:02:01	*45:01:01	*08:02:01	*16:01:01	SSO SBT	C*08:33:03, C*16:27

Table 12. Individual laboratory results for Cell #1566

Center	Investigator	Low Resolution						High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	SSP SSO SBT RT-PCR	
5133	Askar , Medhat	*11	*24	*40	*48	*04	*08	*11:01:01	*24:02:01	*40:10:01	*48:01:01	*04:03:01	*08:01:01	SSO SBT NGS	
4492	Caillat-Zucman , Sc	*11	*24	*40	*48	*04	*08							SSP	
774	Cecka , J. Michael	*11	*24	*40	*48	*04	*08			*40:10		*04:03		SSP SSO	C*04:107
8070	Chang , Uckjin							*11:01:01	*24:02:01:01	*40:10:01	*48:01:01	*04:03	*08:01:01	SBT	
798	Claas , F.H.J.							*11:01	*24:02	*40:10:01	*48:01:01	*04:03:01	*08:01:01	SBT	
3632	Colombe , Beth W.	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	SSP SSO	
779	Daniel , Claude	*11	*24	*40	*48	*04	*08			*40:10				SSO	
3766	Dunckley , Heather	*11	*24	*40	*48	*04	*08							SSO	
5214	Eckels/CPMC ,	*11	*24	*40 (B60)	*48	*04	*08							SSO	
762	Fischer , Gottfried							*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	NGS	
4079	Fort , Marylise	*11	*24	*40	*48	*04	*08							SSP	
3545	Goldstein , Steven	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	SSP SSO SBT	C*08:22/*08:99/*08:102
810	Hamdi , Nuha							*11:01	*24:02	*40:01	*48:01	*04:03	*08:01	SSO	
8043	Hod , Reut	*11	*24	*40	*48	*04	*08							SSP SSO	
771	Israel , Shoshana	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	SSP SSO	
725	Lardy , N.M.	*11	*24	*40	*48	*04	*08							SSP SSO	
745	Latham , Katy							*11:01:01	*24:02:01:01	*40:10:01	*48:01:01	*04:03:01	*08:01:01	SSP SBT Gen-3	
278	Lee , Jar-How	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		
6649	Lim , Young Ae	*11	*24	*40	*48									SSP	
731	Loewenthal , Ron	*11	*24	*40	*48	*04	*08	*11:01:01	*24:02:01G	*40:10:01	*48:01:01	*04:03:01	*08:01:01G	SSP SSO SBT	
54	Pancoska , Carol	*11	*24	*40 (B60)	*48	*04	*08			*40:10					
8001	Rao , Prakash	*11	*24	*40 (B60)	*48	*04	*08								
3625	Rees , Tracey	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		
1160	Rosen-Bronson , Sa	*11	*24	*40	*48	*04	*08			*40:10				SSO	
793	Rubocki , Ronald	*11	*24	*40	*48	*04	*08							SSP	
4251	Schiller , Jennifer	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01:01G	SSO SBT	
3808	Thornton , Alycia	*11	*24	*40	*48	*04	*08			*40:10				SSP SBT	
747	Tiercy , Jean-Marie	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01	SSP SSO SBT	
3186	Watson , Narelle	*11	*24	*40	*48	*04	*08			*40:10:01	*48:01:01G			SSO SBT	
16	Zhang , Aiwen	*11	*24	*40	*48	*04	*08	*11:01	*24:02	*40:10:01	*48:01:01	*04:03:01	*08:01:01	SSO SBT	A*11:12/*11:19/*11:27/*11:88/* 11:117/*11:119:01, A*24:07:01/*24:10:01/*24:21:0 1/*24:50/*24:235/*24:260

Table 13. Individual laboratory results for Cell #1567

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	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SSP SSO SBT RT-PCR	B*44:02S
5133	Askar , Medhat	*02	*31	*35	*44	*04	*05	*02:01:01	*31:01:02	*35:01:01	*44:02:01	*04:01:01	*05:01:01	SSO SBT NGS	
4492	Caillat-Zucman , So	*02	*31	*35	*44	*04	*05							SSP	
774	Cecka , J. Michael	*02	*31	*35	*44	*04	*05			*35:01				SSP SSO	B*35:126/*35:159/*35:196/*35:253
8070	Chang , Uckjin							*02:01:01	*31:01:02	*35:01:01	*44:02:01	*04:01:01	*05:01:01:01	SBT	
798	Claas , F.H.J.							*02:01:01	*31:01:02	*35:01:01	*44:02	*04:01:01	*05:01:01	SBT	
3632	Colombe , Beth W.	*02	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SSP SSO	
779	Daniel , Claude	*02	*31	*35	*44	*04	*05							SSO	
3766	Dunckley , Heather	*02	*31	*35	*44	*04	*05							SSO	
5214	Eckels/CPMC ,	*02	*31	*35	*44	*04	*05							SSO	
762	Fischer , Gottfried							*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SBT	A*02:01L, A*31:01:02:03N, B*44:19N/ *44:02:01:02S, C*04:09N/*04:30/*04:82
4079	Fort , Marylise	NT						NT							
3545	Goldstein , Steven	*02	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SSP SSO SBT	B*35:42, B*44:19N/*44:173, C*04:30/*04:82
810	Hamdi , Nuha							*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SSO	
8043	Hod , Reut	*02	*31	*35	*44	*04	*05							SSP SSO	
771	Israel , Shoshana	*02	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01	SSP SSO	
745	Latham , Katy							*02:01:01:01	*31:01:02	*35:01:01:02	*44:02:01:01	*04:01:01:01	*05:01:01:02	SSP SBT Gen-3	
725	Lardy , N.M.	*02	*31	*35	*44	*04	*05							SSP SSO	
278	Lee , Jar-How	*02	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01		
6649	Lim , Young Ae	*02	*31	*35	*44									SSP	
731	Loewenthal , Ron	*02	*31	*35	*44	*04	*05	*02:01:01	*31:01:02	*35:01:01G	*44:02:01G	*04:01:01G	*05:01:01	SSP SSO SBT	
54	Pancoska , Carol	*02	*31	*35	*44	*04	*05								
8001	Rao , Prakash	*02	*31	*35	*44	*04	*05								
3625	Rees , Tracey	*02	*31	*35	*44	*04	*05	*02:01	*31:01	*35:01	*44:02	*04:01	*05:01		
1160	Rosen-Bronson , Sa	*02	*31	*35	*44	*04	*05							SSO	
793	Rubocki , Ronald	*02	*31	*35	*44	*04	*05							SSP	
4251	Schiller , Jennifer	*02	*31	*35	*44	*04	*05	*02:01	*31:01:02G	*35:01:01G	*44:02:01G	*04:01P	*05:01	SSO SBT	
3808	Thornton , Alycia	*02	*31	*35	*44	*04	*05							SSP SBT	
747	Tiercy , Jean-Marie	NT												SSP SSO SBT	
3186	Watson , Narelle	*02	*31	*35	*44	*04	*05							SSO SBT	
16	Zhang , Aiwen	*02	*31	*35	*44	*04	*05	*02:01:01	*31:01:02	*35:01	*44:02	*04:01:01	*05:01:01	SSO SBT	A*02:24:02/*02:243:01, A*31:21/*31:68 , B*35:71/*35:90/*35:115+, B*44:03:01/*44:19N/*44:34:02+, C*04:10/*04:15:02/ *04:120+, C*05:09:01/*05:29:01/*05:46+

Table 14. Individual laboratory results for Cell #1568

Center	Investigator	Low Resolution						Intermediate/High Resolution						Method	Other Alleles
		HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
5462	Arnold , Paula	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP SSO SBT RT-PCR	
5133	Askar , Medhat	*01	*30	*15	*57	*01	*18	*01:01:01	*30:02:01	*15:04:01	*57:03:01	*01:02:01	*18:02	SSO SBT NGS	
4492	Caillat-Zucman , Sc	*01	*30	*15	*57	*01	*18							SSP	
774	Cecka , J. Michael	*01	*30	*15	*57	*01	*18			*15:04	*57:03			SSP SSO	B*57:70
8070	Chang , Uckjin							*01:01:01	*30:02:01	*15:04	*57:03:01	*01:02:01	*18:01	SBT	
798	Claas , F.H.J.							*01:01:01:01	*30:02:01	*15:04:01	*57:03:01	*01:02:01	*18:02	SBT	
3632	Colombe , Beth W.	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP SSO	
779	Daniel , Claude	*01	*30	*15	*57	*01	*18			*15:04				SSO	
3766	Dunckley , Heather	*01	*30	*15	*57	*01	*18							SSO	
5214	Eckels/CPMC ,	*01	*30	*15(B62)	*57	*01	*18							SSO	
4079	Fort , Marylise													SSP	
762	Fischer , Gottfried							*01:01	*30:02	*15:04	*57:03	*01:02	*18:01/02	SBT	C*01:85
3545	Goldstein , Steven	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:01/02	SSP SSO SBT	C*01:85
810	Hamdi , Nuha							*01:01	*30:02	*15:04	*57:03	*01:02	*18:01	SSO	
8043	Hod , Reut	*01	*30	*15	*57	*01	*18							SSP SSO	
771	Israel , Shoshana	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP SSO	
725	Lardy , N.M.	*01	*30	*15	*57	*01	*18							SSP SSO	
745	Latham , Katy							*01:01:01:01	*30:02:01	*15:04:01	*57:03:01	*01:02:01	*18:02	SSP SBT Gen-3	
278	Lee , Jar-How	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02		
6649	Lim , Young Ae	*01	*30	*15	*57									SSP	
731	Loewenthal , Ron	*01	*30	*15	*57	*01	*18	*01:01:01	*30:02:01	*15:04:01	*57:03:01	*01:02:01G	*18:01:01G	SSP SSO SBT	
54	Pancoska , Carol	*01	*30	*15(B62)	*57	*01	*18			*15:04					
8001	Rao , Prakash	*01	*30	*15(B62)	*57	*01	*18								
3625	Rees , Tracey	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02		
1160	Rosen-Bronson , Sa	*01	*30	*15	*57	*01	*18			*15:04				SSO	
793	Rubocki , Ronald	*01	*30	*15	*57	*01	*18							SSP	
4251	Schiller , Jennifer	*01	*30	*15	*57	*01	*18	*01:01	*30:02	*15:04	*57:03	*01:02:01G	*18:01:01G	SSO SBT	
3808	Thornton , Alycia	*01	*30	*15	*57	*01	*18			*15:04				SSP SBT	
747	Tiercy , Jean-Marie	NT												SSP SSO SBT	
3186	Watson , Narelle	*01	*30	*15	*57	*01	*18							SSO SBT	B*15:04
16	Zhang , Aiwen	*01	*30	*15	*57	*01	*18	*01:01:01:01	*30:02:01	*15:04:01	*57:03:01	*01:02:01	*18:02	SSO SBT	

Table 15. Individual laboratory results for Cell #1565-1568 by serology

Investigator	Days Old	Cell No 1565 (Hispanic)									Cell No 1566 (Filipino)								Cell No 1567 (Korean)									Cell No 1568 (Hispanic)									
		Viab %	A24	A33	B65	B45	Cw8	Bw6	OTHERS	Viab %	A11	A24	B60	B48	Cw4	Cw8	Bw6	OTHERS	Viab %	A2	A31	B35	B44	Cw4	Cw5	Bw4	Bw6	OTHERS	Viab %	A1	A30	B57	B62	Cw1	Bw4	Bw6	OTHERS
Cecka, J. Mic	7	>95	+	+	+	+		+		>95	+	+	+	+			+		>95	+	+	+	+			+	+		>95	+	+	+	+		+	+	
Claas, F.H.J.	6	90	+	+	B14	+		+		90	+	+	+		C403		+		90	+	+	+	+	+		+	+	90	+	+	+	+	+	+	+		
Dunckley, Hea		95	+	+	+	+				95	+	+	+	+					95	+	+	+	+					95	+	+	+	+					
Enczmann, J		95	+	+	+	+				95	+	+	+	+					95	+	+	+	+					95	+	+	+	+					
Esteves Kondo	2	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+	+	+	+	+	+	+	+	98	+	+	+	+	+	+	+		
Fort, Marylis	3	94	+	+	B14	+		+		99	+	+	B40	+			+																				
Hahn, Amy B.	2	99	+	+	B14	+		+		99	+	+	+	+			+	B61+	99	+	+	+	+	+	+	+	+	99	+	+	+	+	+	+	+	Cw6+	
Kvam, Vonnett	3	97	+	+	+	+	+	+		97	+	+	+	+			+	Cw7	97	+	+	+	+	+	+	+	+	97	+	+	+	+	+	+	+	Cw18	
Latham, Katy	3	90	+	+	+	+		+		90	+	+	+	+			+		95	+	+	+	+		+	+	90	+	+	+	+		+	+			
Loewenthal ,		70	+	+	+	+	+	+		80	+	+	+	+		+	+		70	+	+	+	+	+	+	+	70	+	+	+	+	+	+	+			
Pancoska, Car	2	98	+	+	+	+		+		97	+	+	+	+			+		98	+	+	+	+		+	+	98	+	+	+	B15		+	+			
Permpikul, Ve	7	90	+	+	B14	+		+		90	A11.1	+	+	+			+		90	+	+	+	+		+	+	90	+	+	+	+		+	+			
Pule, Ziningi		75	+	+	B64	+		+	Bw4	75	+	+	+	B45	+	+	+	Bw4	80	+	+		+	+	+	+	80	+	+	+	+		+	+			
Rees, Tracey	6	90	+	+	+	+	+	+		80	+	+	+	+	+	+	+		40	+	+	+	+	+	+	+	50	+	+	+	+	+	+	+			
Renac, Virgin	3	100	+	+	+	+		+		100	+	+	+	+			+		100	+	+	+	+		+	+	100	+	+	+	B15		+	+			
Rosen-Bronson		90	+	+	+	+	+	+		90	+	+	+	+		+	+		90	+	+	+	+	+	+	+	90	+	+	+	+	+	+	+			
Rubocki, Rona	2	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+	+	+	+	+	+	+	98	+	+	+	+	+	+	+			
Shai, Isaac	8	80	+	+	+	+	+	+		88	+	+	+	+	+	+	+		84	+	+	+	+	+	+	+	80	+	+	+	B15	+	+	+			
Thornton, Aly		60	+	+	+	+	+	+		60	+	+	+	+			+		60	+	+	+	+		+	+	50	+	+	+	+		+	+			
Tiercy, Jean-	6	70	+	+	B14	+		+		60	+	+	+	+			+		NT								NT										
Vidan-Jeras,	6	100	+	+	+	+		+	Bw4	100	+	+	+	+			+		100	+	+	+	+	+	+	+	100	+	+	+	+	+	+	+	+		
Watson, Narel	14	0								0									0								0										
Zhang, Aiwen	2	95	+	+	+	+	+			95	+	+	+	+		+			95	+	+	+	+	+	+		95	+	+	+	+	+					