CELL EXCHANGE #393
JULY 1, 2016

Cells 1569-1572

The results for Cell Exchange #393 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 1569. The consensus type for this sample from a Filipino donor is A*11:01(A11)-A*11:02-B*15:35(B62)-B*27:04(B27)-C*07:02(Cw7)-C*12:02. The likely class I associations in this cell are A*11:01-B*15:35-C*07:02 and A*11:02-B*27:04-C*12:02, observed exclusively in Asians, with respective frequencies of HF=0.00094 and 0.00341. A*11:01-B*15:35-C*07:02 was observed in previous exchange cells, cell 1005 (same as cell 1261 and 1319), cell 1049, cell 1347 (same as cell 1372, 1432, and 1544), and cell 1488, all from Filipino donors.

Two subtypes of A*11 were present in this cell, A*11:01 (100%) and A*11:02 (94%). A*11:01:01 was assigned by 6 labs and A*11:02:01 by 5 labs. A11 (100%) was reported by serology, with 1 lab reporting A11.1 and A11.2. B*15:35 and B*27:04 were each assigned in complete consensus. B*27:04:01 was reported by 6 labs. B62 (91%) and B27 (100%) were the serological types. Reese noted the reactivity of B27 in this cell was short.

Cell 1570. The consensus type for this sample from a Korean donor is A*02:06(A2)-A*24:02(A24)-B*54:01(B54)-C*01:02(Cw1). The likely class I associations in this cell are A*02:06-B*54:01-C*01:02 and A*24:02-B*54:01-C*01:02, with respective frequencies of HF=0.00205 and HF=0.01025, in Asians. The A*02:06-B*54:01-C*01:02 association in this cell was observed in 2 previous exchange cells, also of Korean descent, cell 984 and cell 1250.

A*02:06 and A*24:02 were each assigned in complete consensus by labs reporting at high resolution. A*02:06:01 was assigned by 5 labs. A2 (100%) and A24 (100%) were reported by serology. This cell was reported as homozygous for B*54:01 (100%), with 5 labs assigning B*54:01:01. By serology, B54 (71%) was assigned. B22 was reported by 3 labs, and B55 was misassigned by 2 labs.

References:

1. Marcos CY, Fernández-Viña MA, Lázaro AM, et al. Novel HLA-A and HLA-B alleles in South American Indians. Tissue Antigens 1999:53:476-485.

Cell 1571. The consensus type for this sample from a Chinese donor is A*11:01(A11)-A*33:03(A33)-B*15:25(B62)-B*58:01(B58)-C*03:02(Cw3)-C*04:03(Cw4). One likely association in this cell is A*33:03-B*58:01-C*03:02, the most common association observed in Asians, with HF=0.04458. The other likely association present is A*11:01-B*15:25-C*04:03, observed exclusively in Asians, with HF=0.00206. A*11:01-B*15:25-C*04:03 was examined in 2 other exchange cells, cell 1360 and cell 1465, also from Asian individuals.

A*11:01 and A*33:03 were reported by 100% and 94%, respectively, with 5 labs assigning A*11:01:01 and A*33:03:01. A11 (100%) and A33 (100%) were assigned by serology. B*15:25 (90%) and B*58:01 (100%) were the reported B-locus types, with 5 labs reporting B*15:25:01 and B*58:01:01. B62 (95%) and B58 (79%) were reported by serology. Claas noted B57 and B58 were indistinguishable in the presence of B62. B17 was reported by 4 labs.

Cell 1572. The consensus type for this sample from a Hispanic donor is A*02:01(A2)-A*68:01(A68)-B*35:21(B35)-B*39:05(B39)-C*07:02(Cw7)-C*15:02. One likely association in this cell is A*68:01-B*35:21, observed in Ter-109, a reference cell for B*35:21 (1). The other likely association may then be A*02:01-B*39:05, observed exclusively in Hispanics, with HF=0.00129.

B*35:21 was well assigned by 95% of labs reporting at high resolution. B*35:21 was found to have originated in individuals from the Terena Tribe in Brazil and shown to have “a hybrid sequence between B*3501 and B*52:01” (1). This is the first time B*35:21 was typed in the exchange. By serology, B35 was reported by 83%, with Reese noting the reactivity of B35 in this cell was short. B*39:05 was reported as the second B-locus type, with 5 labs reporting B*39:05:01. B39 (94%) was reported by serology. A*02:01 (100%) and A*68:01 (100%) were reported as the A-locus types. A2 (100%) and A68 (67%) were detected by serology. The low assignment of A68 may be due to the presence of A2. Claas noted in the presence of A2, A68 and A69 were indistinguishable by serology. A28 was reported by 33%.

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Table 9. Summary of the 393rd Cell Exchange (Cell #1569-1572)

DNA typing

Cell 1569	
26 low/17 high labs - A	%(n)
A*11:01:01	35(6)
A*11:01	65(11)
A*11	100(26)
26 low/17 high labs - A	%(n)
A*11:02:01	29(5)
A*11:02:01G	6 (1)
A*11:02P	6 (1)
A*11:02	53(9)
*A*11:01*	6 (1)
26 low/21 high labs - B	%(n)
B*15:35	100(21)
B*15(B62)	8 (2)
B*15	92(24)
26 low/19 high labs - B	%(n)
B*27:04:01	32(6)
B*27:04	68(13)
B*27	100(26)
25 low/19 high Labs - C	%(n)
C*07:02:01:01	11(2)
C*07:02:01	11(2)
C*07:02:01G	11(2)
C*07:02	68(13)
C*07	100(25)
25 low/18 high Labs - C	%(n)
C*12:02:02	22(4)
C*12:02:01G	6 (1)
C*12:02	72(13)
C*12	100(25)

Cell 1570	
25 low/18 high labs - A	%(n)
A*02:06:01	28(5)
A*02:06	72(13)
A*02	100(25)
26 low/17 high labs - A	%(n)
A*24:02:01:01	6 (1)
A*24:02:01	12(2)
A*24:02:01G	6 (1)
A*24:02	76(13)
A*24	100(26)
25 low/17 high labs - B	%(n)
B*54:01:01	29(5)
B*54:01	71(12)
B*54	100(25)
24 low/17 high Labs - C	%(n)
C*01:02:01	23(4)
C*01:02:01G	12(2)
C*01:02	65(11)
C*01	100(24)

Cell 1571	
25 low/17 high labs - A	%(n)
A*11:01:01	29(5)
A*11:01	71(12)
A*11	100(25)
25 low/17 high labs - A	%(n)
A*33:03:01	29(5)
A*33:03	65(11)
*A*33:01*	6 (1)
A*33	100(25)
25 low/20 high labs - B	%(n)
B*15:25:01	25(5)
B*15:25:01G	5 (1)
B*15:25	60(12)
B*15:20/25+	5 (1)
*B*15:02*	5 (1)
B*15(B62)	8 (2)
B*15	92(23)
25 low/17 high labs - B	%(n)
B*58:01:01	29(5)
B*58:01	71(12)
B*58	100(25)
24 low/19 high Labs - C	%(n)
C*03:02:02:01	11(2)
C*03:02:02	11(2)
C*03:02:01G	11(2)
C*03:02	68(13)
C*03(Cw10)	8 (2)
C*03	92(22)
24 low/19 high Labs - C	%(n)
C*04:03:01	26(5)
C*04:03	74(14)
C*04	100(24)

Cell 1572	
25 low/16 high labs - A	%(n)
A*02:01:01:01	13(2)
A*02:01:01	13(2)
A*02:01	75(12)
A*02	100(25)
25 low/16 high labs - A	%(n)
A*68:01:02:01	12(2)
A*68:01 :02	13(2)
A*68:01:02G	6 (1)
A*68:01	69(11)
A*68	100(25)
25 low/18 high labs - B	%(n)
B*35:21	94(17)
*B*35:11*	6 (1)
B*35	100(25)
25 low/17 high labs - B	%(n)
B*39:05:01	29(5)
B*39:05	65(11)
*B*39:01*	6 (1)
B*39	100(25)
24 low/16 high Labs - C	%(n)
C*07:02:01:01	13(2)
C*07:02:01G	13(2)
C*07:02	75(12)
C*07	100(24)
24 low/16 high Labs - C	%(n)
C*15:02:01	19(3)
C*15:02:01G	6 (1)
C*15:02	75(12)
C*15	100(24)

Table 10. Summary of the 393rd Cell Exchange (Cell #1569 - 1572)

Serological typing

(Filipino)	
Cell 1569	
(21 Samples Typed)	
A11	95.2%
A11.1	4.8%
A11.2	4.8%
	[100.0%]
B62	90.5%
B15	9.5%
	[100.0%]
B27	100.0%
	[100.0%]
Cw7	38.1%
Bw4	81.0%
Bw6	81.0%
Others Found	
A43	4.8%
Cw17	4.8%

(Korean)	
Cell 1570	
(21 Samples Typed)	
A2	100.0%
	[100.0%]
A24	100.0%
	[100.0%]
B54	71.4%
B22	19.0%
	[90.5%]
Cw1	47.6%
Bw6	81.0%
Others Found	
B55	9.5%
B73	4.8%

(Chinese)	
Cell 1571	
(19 Samples Typed)	
A11	94.7%
A11.1	5.3%
	[100.0%]
A33	100.0%
	[100.0%]
B62	94.7%
B15	5.3%
	[100.0%]
B58	78.9%
B17	21.1%
	[100.0%]
Cw3	52.6%
	[52.6%]
Cw4	15.8%
Cw0403	5.3%
	[21.1%]
Bw4	78.9%
Bw6	78.9%
Others Found	

(Hispanic)	
Cell 1572	
(18 Samples Typed)	
A2	100.0%
	[100.0%]
A68	66.7%
A28	33.3%
	[100.0%]
B35	83.3%
B39	94.4%
	[94.4%]
Cw7	50.0%
Bw6	77.8%
Others Found	
B78	5.6%
B75	5.6%
B62	5.6%
Cw1	5.6%
B51	5.6%
B3901	5.6%

Table 11. Individual laboratory results for Cell #1569

		Low Resolution						High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*11	*11	*15	*27	*07	*12	*11:01	*11:02P	*15:35	*27:04	*07:02	*12:02	SSP SSO SBT RT-PCR	A*11:110
5133	Askar , Medhat							*11:01:01	*11:02:01	*15:35	*27:04:01	*07:02:01:01	*12:02:02	NGS	
4492	Caillat-Zucman , Sc	*11		*15	*27	*07	*12							SSP	
774	Cecka , J. Michael	*11		*15	*27	*07	*12			*15:35	*27:04			SSP SSO	B*27:68/*27:69/*27:79/ *27:86
8070	Chang , Uckjin							*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SBT	
798	Claas , F.H.J.							*11:01:01	*11:02:01	*15:35	*27:04:01	*07:02:01	*12:02:02	SBT	
3632	Colombe , Beth W.	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSP SSO	
779	Daniel , Claude	*11	*11	*15	*27	*07	*12			*15:35				SSO	
8099	Danish , Adel	*11	*11	*15	*27	*07	*12							SSO	
3766	Dunckley , Heather	*11		*15	*27	*07	*12							SSO	
5214	Eckels/CPMC ,	*11	*11	*15(B62)	*27	*07	*12							SSO	
762	Fischer , Gottfried							*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSO SBT NGS	
4079	Fort , Marylise	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSP SSO	A*11:193
3545	Goldstein , Steven	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSO SBT	C*07:50/*07:349
810	Hamdi , Nuha							*11:01	*11:01	*15:35	*27:04	*07:02	*12:02	SSO	
8043	Hod , Reut	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSP SSO	
771	Israel , Shoshana	*11		*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSO SBT	
725	Lardy , N.M.	*11		*15	*27	*07	*12							SSO	
745	Latham , Katy							*11:01:01	*11:02:01	*15:35	*27:04:01	*07:02:01:01	*12:02:02	SSP SBT NGS	
278	Lee , Jar-How	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02		
6649	Lim , Young Ae	*11		*15	*27									SSP	
731	Loewenthal , Ron	*11	*11	*15	*27	*07	*12	*11:01:01	*11:02:01G	*15:35	*27:04:01	*07:02:01G	*12:02:01G	SSP SSO SBT	
54	Pancoska , Carol	*11		*15	*27	*07	*12							SSO	
8001	Rao , Prakash	*11		*15(B62)	*27	*07	*12							SSO	
3625	Rees , Tracey	*11	*11	*15	*27	*07	*12	NT	NT	*15:35	*27:04	*07:02	*12:02		
793	Rubocki , Ronald	*11		*15	*27	*07	*12							SSP	
4251	Schiller , Jennifer	*11	*11	*15	*27	*07	*12	*11:01	*11:02	*15:35	*27:04	*07:02	*12:02	SSO SBT	
3808	Thornton , Alycia	*11		*15	*27	*07	*12			*15:35		*07:02:01G		SSP	
747	Tiercy , Jean-Marie	*11	*11	*15	*27	*07	*12	*11:01:01	*11:02:01	*15:35	*27:04:01	*07:02	*12:02	SSP SSO SBT	
5642	Varnavidou-Nicolaic	*11		*15	*27	*07	*12							SSP	
3186	Watson , Narelle	*11	*11	*15	*27	*07	*12							SSO	
16	Zhang , Aiwen	*11	*11	*15	*27	*07	*12	*11:01:01	*11:02:01	*15:35	*27:04:01	*07:02:01	*12:02:02	SSO SBT	A*11:110

Table 12. Individual laboratory results for Cell #1570

		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	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:06:01	*24:02:01	*54:01:01		*01:02:01		NGS	
4492	Caillat-Zucman , Sc	*02	*24	*54		*01								SSP	
774	Cecka , J. Michael	*02	*24	*54		*01		*02:06						SSP SSO	A*02:99/*02:106/*02:278/*02:290/*02:328/*02:330/*02:333/*02:404/*02:405/*02:470/*02:471/*02:472/*02:473/ *02:476N/*02:493/ *02:506N
8070	Chang , Uckjin							*02:06	*24:02	*54:01		*01:02		SBT	
798	Claas , F.H.J.							*02:06:01	*24:02	*54:01:01		*01:02:01		SBT	
3632	Colombe , Beth W.	*02	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSP SSO	
779	Daniel , Claude	*02	*24	*54	*54	*01	*01							SSO	
8099	Danish , Adel	*02	*24	*54	*54	*01	*01							SSO	
3766	Dunckley , Heather	*02	*24	*54		*01								SSO	
5214	Eckels/CPMC ,	*02	*24	*54	*54	*01	*01							SSO	
762	Fischer , Gottfried							*02:06	*24:02	*54:01		*01:02		SSO SBT NGS	
4079	Fort , Marylise	*02	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSP SSO	B*54:17/*54:32, A*24:76/*24:79/*24:144/*24:150/ *24:153/*24:154
3545	Goldstein , Steven	*02	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSO SBT	C*01:85
810	Hamdi , Nuha							*02:06	*24:02:01	*54:01	*54:01	*01:02	*01:02	SSO	A*24:02
8043	Hod , Reut	*02	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSP SSO	
771	Israel , Shoshana	*02	*24	*54		*01		*02:06	*24:02	*54:01		*01:02		SSO SBT	
725	Lardy , N.M.	*02	*24	*54		*01								SSO	
745	Latham , Katy							*02:06:01	*24:02:01:01	*54:01:01		*01:02:01		SSP SBT NGS	
278	Lee , Jar-How	*02	*24	*54	*54	*01	*01	*02:06	*24:02	*54:01	*54:01	*01:02	*01:02		
6649	Lim , Young Ae	*02	*24	*54										SSP	
731	Loewenthal , Ron	*02	*24	*54		*01		*02:06:01	*24:02:01G	*54:01:01		*01:02:01G		SSP SSO SBT	
54	Pancoska , Carol	*02	*24	*54		*01								SSO	
8001	Rao , Prakash	*02	*24	*54		*01								SSO	
3625	Rees , Tracey	NT													
793	Rubocki , Ronald	*02	*24	*54		*01								SSP	
4251	Schiller , Jennifer	*02	*24	*54	*54	*01	*01	*02:06	*24:02	*54:01	*54:01	*01:02	*01:02	SSO SBT	
3808	Thornton , Alycia	*02	*24	*54		*01								SSP	
747	Tiercy , Jean-Marie	*02	*24	*54		*01		*02:06:01	*24:02	*54:01		*01:02:01G		SSP SSO SBT	B*54:17/*54:32
5642	Varnavidou-Nicolaid	*02	*24	*54		*01								SSP	
3186	Watson , Narelle	*02	*24	*54	*54	*01	*01							SSO	
16	Zhang , Aiwen	*02	*24	*54		*01		*02:06	*24:02	*54:01:01		*01:02:01		SSO SBT	A*02:44/*02:54/*02:142/ *02:300/*02:398, A*24:13:01/*24:14/*24:53/ *24:188/*24:207

Table 13. Individual laboratory results for Cell #1571

		Low Resolution						Intermediate/High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*11:01:01	*33:03:01	*15:25:01	*58:01:01	*03:02:02:01	*04:03:01	NGS	
4492	Caillat-Zucman , Sc	*11	*33	*15	*58	*03	*04							SSP	
774	Cecka , J. Michael	*11	*33	*15	*58	*03	*04			*15:20/25/271			*04:03	SSP SSO	C*04:171
8070	Chang , Uckjin							*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SBT	
798	Claas , F.H.J.							*11:01:01	*33:03:01	*15:25:01	*58:01:01	*03:02:02	*04:03:01	SBT	
3632	Colombe , Beth W.	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSP SSO	
779	Daniel , Claude	*11	*33	*15	*58	*03	*04			*15:25		*03:02	*04:03	SSO	
8099	Danish , Adel	*11	*33	*15	*58	*03	*04							SSO	
3766	Dunckley , Heather	*11	*33	*15	*58	*03	*04							SSO	
5214	Eckels/CPMC ,	*11	*33	*15(B62)	*58	*03(Cw10)	*04							SSO	
762	Fischer , Gottfried							*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSO SBT NGS	
4079	Fort , Marylise	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSP SSO	
3545	Goldstein , Steven	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSO SBT	
810	Hamdi , Nuha							*11:01	*33:01	*15:20	*58:01	*03:02	*04:03	SSO	
8043	Hod , Reut	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSP SSO	
771	Israel , Shoshana	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSO SBT	
725	Lardy , N.M.	*11	*33	*15	*58	*03	*04							SSO	
745	Latham , Katy							*11:01:01	*33:03:01	*15:25:01	*58:01:01	*03:02:02:01	*04:03:01	SSP SBT NGS	
278	Lee , Jar-How	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03		
6649	Lim , Young Ae	*11	*33	*15	*58									SSP	
731	Loewenthal , Ron	*11	*33	*15	*58	*03	*04	*11:01:01	*33:03:01	*15:25:01	*58:01:01	*03:02:01G	*04:03:01	SSP SSO SBT	A*11:04, A*33:61, C*03:60, C*04:107
54	Pancoska , Carol	*11	*33	*15	*58	*03	*04							SSO	
8001	Rao , Prakash	*11	*33	*15(B62)	*58	*03(Cw10)	*04							SSO	
3625	Rees , Tracey	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03		
793	Rubocki , Ronald	*11	*33	*15	*58	*03	*04							SSP	
4251	Schiller , Jennifer	*11	*33	*15	*58	*03	*04	*11:01	*33:03	*15:25	*58:01	*03:02	*04:03	SSO SBT	
3808	Thornton , Alycia	*11	*33	*15	*58	*03	*04			*15:25:01G		*03:02:01G		SSP	
747	Tiercy , Jean-Marie	NT												SSP SSO SBT	
5642	Varnavidou-Nicolaic	*11	*33	*15	*58	*03	*04							SSP	
3186	Watson , Narelle	*11	*33	*15	*58	*03	*04							SSO	
16	Zhang , Aiwen	*11	*33	*15	*58	*03	*04	*11:01:01	*33:03:01	*15:25:01	*58:01:01	*03:02:02	*04:03:01	SSO SBT	A*11:43, A*33:51, C*03:60, C*04:107

Table 14. Individual laboratory results for Cell #1572

		Low Resolution						Intermediate/High Resolution							
Center	**Investigator**	**HLA-A**		**HLA-B**		**HLA-C**		**HLA-A**		**HLA-B**		**HLA-C**		**Method**	**Other Alleles**
5462	Arnold , Paula	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSP SSO SBT RT-PCR	
5133	Askar , Medhat							*02:01:01:01	*68:01:02:01	*35:21	*39:05:01	*07:02:01:01	*15:02:01	NGS	
4492	Caillat-Zucman , So	*02	*68	*35	*39	*07	*15							SSP	
774	Cecka , J. Michael	*02	*68	*35	*39	*07	*15			*35:21				SSP SSO	
8070	Chang , Uckjin							*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SBT	
798	Claas , F.H.J.							*02:01:01	*68:01:02	*35:21	*39:05:01	*07:02	*15:02:01	SBT	
3632	Colombe , Beth W.	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSP SSO	
779	Daniel , Claude	*02	*68	*35	*39	*07	*15							SSO	
8099	Danish , Adel	*02	*68	*35	*39	*07	*15							SSO	
3766	Dunckley , Heather	*02	*68	*35	*39	*07	*15							SSO	
5214	Eckels/CPMC ,	*02	*68	*35	*39	*07	*15			*35:21	*39:05			SSO	
762	Fischer , Gottfried							*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSO SBT NGS	A*02:01L, C*07:50/*07:349, C*15:87
4079	Fort , Marylise	*02	*68	*35	*39	*07	*15							SSP SSO	
3545	Goldstein , Steven	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSO SBT	C*07:50/*07:349, C*15:87
810	Hamdi , Nuha							*02:01	*68:01:02	*35:11	*39:01	*07:02	*15:02	SSO	A*68:01
8043	Hod , Reut	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSP SSO	
771	Israel , Shoshana	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSO SBT	
745	Latham , Katy							*02:01:01:01	*68:01:02:01	*35:21	*39:05:01	*07:02:01:01	*15:02:01	SSP SBT NGS	
725	Lardy , N.M.	*02	*68	*35	*39	*07	*15							SSO	
278	Lee , Jar-How	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02		
6649	Lim , Young Ae	*02	*68	*35	*39									SSP	
731	Loewenthal , Ron	*02	*68	*35	*39	*07	*15	*02:01:01	*68:01:02G	*35:21	*39:05:01	*07:02:01G	*15:02:01G	SSP SSO SBT	
54	Pancoska , Carol	*02	*68	*35	*39	*07	*15							SSO	
8001	Rao , Prakash	*02	*68	*35	*39	*07	*15							SSO	
3625	Rees , Tracey	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	NT	*15:02		A*68:11N
793	Rubocki , Ronald	*02	*68	*35	*39	*07	*15							SSP	
4251	Schiller , Jennifer	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05	*07:02	*15:02	SSO SBT	
3808	Thornton , Alycia	*02	*68	*35	*39	*07	*15					*07:02:01G		SSP	
747	Tiercy , Jean-Marie	NT												SSP SSO SBT	
5642	Varnavidou-Nicolaid	*02	*68	*35	*39	*07	*15							SSP	
3186	Watson , Narelle	*02	*68	*35	*39	*07	*15							SSO	
16	Zhang , Aiwen	*02	*68	*35	*39	*07	*15	*02:01	*68:01	*35:21	*39:05:01	*07:02	*15:02	SSO SBT	A*02:22:01/*02:246/*02:334, A*68:08:02/*68:104:01/*68:105, C*07:10/*07:39/*07:51/*07:76:01/*07:241, C*15:03/*15:07/*15:31/*15:62/*15:72

Table 15. Individual laboratory results for Cell #1569-1572 by serology

		Cell No 1569 (Filipino)									Cell No 1570 (Korean)							Cell No 1571 (Chinese)										Cell No 1572 (Hispanic)							
Investigator	Days Old	Viab %	A11	B62	B27	Cw7	Cw12	Bw4	Bw6	OTHERS	Viab %	A2	A24	B54	Cw1	Bw6	OTHERS	Viab %	A11	A33	B62	B58	Cw3	Cw4	Bw4	Bw6	OTHERS	Viab %	A2	A68	B35	B39	Cw7	Bw6	OTHERS
Cecka, J. Mic	2	95	+	+	+			+	+		95	+	+	+		+		95	+	+	+	+			+	+		95	+	+	+	+		+	
Claas, F.H.J.	6	90	+	+	+			+	+		90	+	+	B22	+	+		90	+	+	+	B17	+	Cw0403	+	+		90	+	A28	+	+		+	
Dunckley, Hea		90	+	+	+						90	+	+	+				90	+	+	+	+						90	+	+	+	+			
Enczmann, J		95	+	+	+						95	+	+	+				95	+	+	+	+						95	+	+	+	+			
Fort, Marylis	3	80	+	+	+			+	+		98	+	+	+		+																		
Kvam, Vonnett		97	+	+	+			+	+		97	+	+	+	+	+		97	+	+	+	+	+		+	+		97	+	A28	+	+	+	+	
Latham, Katy	3	90	+	+	+			+	+		99	+	+	+		+		99	+	+	+	+			+	+		99	+	+	B78	+		+	
Loewenthal ,		80	+	+	+	+		+	+		85	+	+	+	+	+		75	+	+	+	+	+		+	+		80	+	+		+	+	+	
Pancoska, Car	2	98	+	+	+			+	+		98	+	+	+		+		98	+	+	+	+			+	+		98	+	+	+	B3901		+	B3901
Permpikul, Ve	7	90	A11.1	+	+			+	+	A11.2	90	+	+	+		+		90	A11.1	+	+	+			+	+		90	+	+	+	+		+	
Pule, Ziningi		80	+	+	+	+					80	+	+	B55	+			80	+	+	+	+	+	+				80	+	+	+	+	+		B51
Rees, Tracey	6	60	+	+	+	+		+	+		70	+	+	+	+	+		60	+	+	+	+	+	+	+	+		60	+	+	+	+	+	+	
Renac, Virgin	3	100	+	B15	+			+	+		100	+	+	B22		+		100	+	+	B15	+			+	+		100	+	A28	+	+		+	
Rubocki, Rona		98	+	+	+	+		+	+		98	+	+	+	+	+		98	+	+	+	+	+	+	+	+		98	+	A28	+	+	+	+	
Shai, Isaac	8	88	+	+	+	+	w17	+	+	A43	84	+	+	B55	+	+	B73	80	+	+	+	+	+		+	+		80	+	+	B62	+	+	+	B75+
Thornton, Aly		90	+	+	+	+		+	+		90	+	+	+	+	+		90	+	+	+	+	+		+	+		90	+	+	+	+	+	+	
Tiercy, Jean-	6	80	+	B15	+			+	+		90	+	+	+		+																		
Varnavidou-Ni	8	99	+	+	+			+	+		95	+	+	+		+		85	+	+	+	B17			+	+									
Vidan-Jeras,	6	100	+	+	+	+		+	+		100	+	+	B22	+	+		100	+	+	+	+	+		+	+		100	+	A28	+	+	+	+	
watson, Narel	9	80	+	+	+			+	+		80	+	+	B22		+		80	+	+	+	B17			+	+		80	+	A28	+	+		+	
Zhang, Aiwen	3	95	+	+	+	+					95	+	+	+	+			95	+	+	+	B17	+					95	+	+	+	+	+		