

## CELL EXCHANGE #401 NOVEMBER 7, 2017

Cells	1601-1604
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The results for Cell Exchange #401 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, <https://bioinformatics.bethematchclinical.org/>.

**Cell 1601.** The consensus type for this sample from a Hispanic donor is A\*02:01(A2)-A\*26:01(A26)-B\*27:05(B27)-B\*51:08(B51)-C\*02:02(Cw2)-C\*16:02. Likely class I associations present are A\*02:01-B\*51:08-C\*16:02, with HF=0.00025, in Hispanics. This association was also observed in Cell 1429 (same as cell 1299, 1269, 1242), also from a Hispanic donor. The other likely association present is A\*26:01-B\*27:05-C\*02:02, with HF=0.00021, in Hispanics. B\*27:05 (100%) and B\*51:08 (100%) were reported as the B-locus types, with 5 labs reporting B\*27:05:02 and B\*51:08:01. A\*02:01, A\*26:01, C\*02:02, and C\*16:02 were also reported in complete consensus, with 5 labs assigning A\*02:01:01, A\*26:01:01, C\*02:02:02, and C\*16:02:01. A2 (100%), A26 (93%), B27 (100%), and B51 (93%) were all assigned by serology.

**Cell 1602.** The consensus type for this sample from a Hispanic donor is A\*02:01(A2)-A\*24:02(A24)-B\*35:20(B35)-B\*44:03(B44)-C\*04:01(Cw4)-C\*16:02. Likely class I associations present in this cell are, A\*02:01-B\*44:03-C\*16:02 and A\*24:02-B\*35:20-C\*04:01, observed in Hispanics, with respective HF=0.00043 and 0.00051. The A\*24:02-B\*35:20-C\*04:01 association in this cell was also observed in cell 1375, also from a Hispanic donor. This cell was previously typed as cell 1536 (2014). In this present retyping, A\*02:01, A\*24:02, B\*35:20, B\*44:03, C\*04:01, and C\*16:02 were assigned in complete consensus by labs reporting at high resolution. A\*02:01:01, A\*24:02:01, B\*35:20:01, B\*44:03:01, C\*04:01:01, and C\*16:02:01 were assigned by a number of labs (n=5) reporting higher resolution typing. Good agreement was also achieved by serology labs, as A2 (100%), A24 (100%), B35 (80%), and B44 (100%) were reported.

**Cell 1603.** The consensus type for this sample from a Hispanic donor is A\*01:01(A1)-A\*68:03(A68)-B\*15:17(B63)-B\*35:43(B35)-C\*01:02(Cw1)-C\*07:01(Cw7). This donor is sibling of cell 1510. The 2 siblings are HLA identical. Likely class I associations present in this cell are A\*01:01-B\*15:17-C\*07:01 and A\*68:03-B\*35:43-C\*01:02, with respective HF=0.00126 and 0.00089, in Hispanics. This cell was typed 2 other times in the exchange, as cell 1459 (2012) and cell 1419 (2011). In the present retyping, B\*35:43 (100%) and B\*15:17 (100%) were once again well assigned, with 4 labs assigning B\*15:17:01 and B\*35:43:01. A\*01:01 (A\*01:01:01), A\*68:03 (A\*68:03:01), B\*15:17 (B\*15:17:01), C\*01:02 (C\*01:02:01), and C\*07:01 (C\*07:01:02) were assigned by 100% of labs reporting at high resolution. A1 (100%), A68 (71%), B35 (93%), and B63 (86%), were reported by serology.

**Cell 1604.** The consensus type for this sample from a Filipino donor is A\*24:02(A24)-A\*24:07-B\*15:02(B75)-B\*57:01(B57)-C\*04:01(Cw4)-C\*06:02 (Cw6). One likely association present in this cell is A\*24:02-B\*57:01-C\*06:02, observed in Asians, with HF=0.00057. The other likely association present is A\*24:07-B\*15:02-C\*04:01, observed in previous exchange cells, cell 1490 and cell 1078, also from Filipino donors. Two subtypes of A\*24 were present in this cell, A\*24:02 (100%) and A\*24:07 (100%). A\*24:02:01 and A\*24:07:01 were each assigned by 4 labs. B\*15:02, B\*57:01, C\*04:01, and C\*06:02 were also reported in complete consensus, with 3 labs assigning B\*15:02:01 and 4 labs assigning B\*57:01:01, C\*04:01:01, and C\*06:02:01. A24 (100%) and B57 (93%) were well assigned by serology. Less consensus was achieved for the second B-locus type, as only 79% assigned B15, with 64% reporting B75 as the split. One lab misassigned B70 and another misassigned B62.



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**Table 9. Summary of the 401<sup>st</sup> Cell Exchange (Cell #1601-1604)**

**DNA typing**

<b>Cell 1601</b>	
19 low/13 high labs - A	%(n)
A*02:01:01:01	15(2)
A*02:01:01	23(3)
A*02:01:01G	8 (1)
A*02:01	54(7)
A*02	100(19)
19 low/13 high labs - A	%(n)
A*26:01:01:01	23(3)
A*26:01:01	15(2)
A*26:01:01G	8 (1)
A*26:01	54(7)
A*26	100(19)
19 low/15 high labs - B	%(n)
B*27:05:02	33(5)
B*27:05:02G	13(2)
B*27:05	53(8)
B*27	
19 low/16 high labs - B	%(n)
B*51:08:01	31(5)
B*51:08	69(11)
B*51	100(19)
18 low/13 high Labs - C	%(n)
C*02:02:02:01	23(3)
C*02:02:02	15(2)
C*02:02	62(8)
C*02	
18 low/13 high Labs - C	%(n)
C*16:02:01	38(5)
C*16:02:01G	8 (1)
C*16:02	54(7)
C*16	100(18)

<b>Cell 1602</b>	
19 low/13 high labs - A	%(n)
A*02:01:01:01	15(2)
A*02:01:01	23(3)
A*02:01:01G	8 (1)
A*02:01	54(7)
A*02	100(19)
19 low/13 high labs - A	%(n)
A*24:02:01:01	23(3)
A*24:02:01	15(2)
A*24:02	62(8)
A*24	100(19)
19 low/16 high labs - B	%(n)
B*35:20:01	31(5)
B*35:20	69(11)
B*35	100(19)
19 low/16 high labs - B	%(n)
B*44:03:01	31(5)
B*44:03	69(11)
B*44	100(19)
18 low/13 high Labs - C	%(n)
C*04:01:01:01	15(2)
C*04:01:01	23(3)
C*04:01P	8 (1)
C*04:01	54(7)
C*04	100(18)
18 low/13 high Labs - C	%(n)
C*16:02:01	38(5)
C*16:02:01G	8 (1)
C*16:02	54(7)
C*16	100(18)

<b>Cell 1603</b>	
19 low/13 high labs - A	%(n)
A*01:01:01:01	15(2)
A*01:01:01	15(2)
A*01:01	69(9)
A*01	100(19)
19 low/15 high labs - A	%(n)
A*68:03:01	27(4)
A*68:03	73(11)
A*68	100(19)
19 low/16 high labs - B	%(n)
B*15:17:01:01	12(2)
B*15:17:01	12(2)
B*15:17	75(12)
B*15	100(19)
19 low/15 high labs - B	%(n)
B*35:43:01	27(4)
B*35:43	73(11)
B*35	100(19)
18 low/13 high Labs - C	%(n)
C*01:02:01	31(4)
C*01:02:01G	8 (1)
C*01:02	61(8)
C*01	100(18)
18 low/13 high Labs - C	%(n)
C*07:01:02	31(4)
C*07:01:02G	8 (1)
C*07:01	61(8)
C*07	100(18)

<b>Cell 1604</b>	
19 low/13 high labs - A	%(n)
A*24:02:01:01	15(2)
A*24:02:01	15(2)
A*24:02	69(9)
A*24	100(19)
14 high labs - A	%(n)
A*24:07:01	29(4)
A*24:07	71(10)
20 low/16 high labs - B	%(n)
B*15:02:01	19(3)
B*15:02:01G	6 (1)
B*15:02	75(12)
B*15	100(19)
19 low/14 high labs - B	%(n)
B*57:01:01	29(4)
B*57:01	71(10)
B*57	100(19)
18 low/13 high labs - C	%(n)
C*04:01:01:01	8 (1)
C*04:01:01	23(3)
C*04:01P	8 (1)
C*04:01	61(8)
C*04	100(18)
18 low/13 high labs - C	%(n)
C*06:02:01:01	15 (2)
C*06:02:01	15 (2)
C*06:02:01G	8 (1)
C*06:02	61(8)
C*06	100(18)

**Table 10. Summary of the 401<sup>st</sup> Cell Exchange (Cell #1601 - 1604)**

**Serological typing**

(Hispanic) <b>Cell 1601</b> (15 Samples Typed)	
A2	100.0% [100.0%]
A26	93.3%
A10	6.7% [100.0%]
B27	100.0% [100.0%]
B51	93.3%
B5	6.7% [100.0%]
Cw2	46.7%
Bw4	60.0%
Others Found	
Bw6	6.7%
Cw5	6.7%
B44	6.7%
Cw16	6.7%
B53	6.7%
B7	6.7%

(Hispanic) <b>Cell 1602</b> (15 Samples Typed)	
A2	100.0% [100.0%]
A24	100.0% [100.0%]
B35	80.0%
B44	100.0% [100.0%]
Cw4	46.7% [46.7%]
Bw4	60.0%
Bw6	53.3%
Others Found	
B48	6.7%
B58	6.7%
Cw5	6.7%
Cw16	6.7%

(Hispanic) <b>Cell 1603</b> (14 Samples Typed)	
A1	100.0%
A68	71.4%
A28	28.6% [100.0%]
B35	92.9%
B63	85.7%
B15	14.3% [100.0%]
Cw1	35.7%
Cw7	35.7%
Bw4	57.1%
Bw6	57.1%
Others Found	
B58	7.1%
B53	7.1%
B70	7.1%

(Filipino) <b>Cell 1604</b> (14 Samples Typed)	
A24	100.0% [100.0%]
B75	64.3%
B15	14.3% [78.6%]
B57	92.9%
B17	7.1% [100.0%]
Cw4	35.7% [35.7%]
Cw6	28.6% [28.6%]
Bw4	57.1%
Bw6	57.1%
Others Found	
B70	14.3%
A32	14.3%
B62	7.1%

**Table 11. Individual laboratory results for Cell #1601**

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	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02	SSO NGS	
5133	Askar , Medhat							*02:01:01	*26:01:01	*27:05:02	*51:08:01	*02:02:02	*16:02:01		
4492	Caillat-Zucman , S	*02	*26	*27	*51	*02	*16							SSP	
774	Cecka , J. Michael	*02	*26	*27	*51	*02	*16			*27:05	*51:08			SSP SSO	B*27:13 B*27:123
8070	Chang , Uckjin							*02:01	*26:01	*27:05	*51:08	*02:02	*16:02	SBT	
3632	Colombe , Beth W	*02	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02	SSP SSO	
779	Daniel , Claude	*02	*26	*27	*51	*02	*16				*51:08			SSP SSO	
3766	Dunckley , Heather	*02	*26	*27	*51	*02	*16							SSO	
5214	Eckels/CPMC ,	*02	*26	*27	*51	*02	*16							RT-PCR	
747	Ferrari-Lacraz , S	*02	*26	*27	*51	*02	*16	*02:01:01:01	*26:01:01:01	*27:05:02	*51:08:01	*02:02:02:01	*16:02:01	SSP SSO NGS	
762	Fischer , Gottfried							*02:01:01:01	*26:01:01:01	*27:05:02	*51:08:01	*02:02:02:01	*16:02:01	NGS	
4079	Fort , Marylise	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	SSP SSO	
3545	Goldstein , Steven	*02	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02	SSO SBT	C*16:63 A*02:629 A*26:117 B*27:13 A*02:665
810	Hamdi , Nuha	*02	*26	*27	*51	*02	*16								
3808	Hogan , Patrick	*02	*26	*27	*51	*02	*16			*27:05:02G	*51:08			SSP	
771	Israel , Shoshana	*02	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02	SSO SBT	
725	Lardy , N.M.	*02	*26	*27	*51	*02	*16							SSO	
745	Latham , Katy							*02:01:01	*26:01:01:01	*27:05:02	*51:08:01	*02:02:02:01	*16:02:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02		
6649	Lim , Young Ae	*02	*26	*27	*51									SSP	
8001	Rao , Prakash	*02	*26	*27	*51	*02	*16							SSO	
3625	Rees , Tracey	*02	*26	*27	*51	*02	*16	*02:01	*26:01	*27:05	*51:08	*02:02	*16:02		A*02:629 A*02:642 A*02:665 A*26:117 C*16:63
4251	Schiller , Jennifer	*02	*26	*27	*51	*02	*16	*02:01:01G	*26:01:01G	*27:05:02G	*51:08	*02:02	*16:02:01G	SSO SBT	
16	Zhang , Aiwen							*02:01:01	*26:01:01	*27:05:02	*51:08:01	*02:02:02	*16:02:01	NGS	
3186	Watson , Narelle	*02	*26	*27	*51	*02	*16								

**Table 12. Individual laboratory results for Cell #1602**

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	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02	SSO NGS	
5133	Askar , Medhat							*02:01:01	*24:02:01	*35:20:01	*44:03:01	*04:01:01	*16:02:01		
4492	Caillat-Zucman , S	*02	*24	*35	*44	*04	*16							SSP	
774	Cecka , J. Michael	*02	*24	*35	*44	*04	*16			*35:20	*44:03			SSP SSO	B*44:198N
8070	Chang , Uckjin							*02:01	*24:02	*35:20	*44:03	*04:01	*16:02	SBT	
3632	Colombe , Beth W	*02	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02	SSP SSO	
779	Daniel , Claude	*02	*24	*35	*44	*04	*16			*35:20	*44:03			SSP SSO	
3766	Dunckley , Heather	*02	*24	*35	*44	*04	*16							SSO	
5214	Eckels/CPMC ,	*02	*24	*35	*44	*04	*16							RT-PCR	
747	Ferrari-Lacraz , S	*02	*24	*35	*44	*04	*16	*02:01:01:01	*24:02:01:01	*35:20:01	*44:03:01	*04:01:01:01	*16:02:01	SSP SSO NGS	
762	Fischer , Gottfried							*02:01:01:01	*24:02:01:01	*35:20:01	*44:03:01	*04:01:01:01	*16:02:01	NGS	
4079	Fort , Marylise	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	SSP SSO	
3545	Goldstein , Steven	*02	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02	SSO SBT	A*02:629 C*04:30 C*16:63 C*04:82 C*04:226 A*02:665 A*24:352 A*24:353
810	Hamdi , Nuha	*02	*24	*35	*44	*04	*16								
3808	Hogan , Patrick	*02	*24	*35	*44	*04	*16			*35:20	*44:03			SSP	
771	Israel , Shoshana	*02	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02	SSO SBT	
725	Lardy , N.M.	*02	*24	*35	*44	*04	*16							SSO	
745	Latham , Katy							*02:01:01	*24:02:01:01	*35:20:01	*44:03:01	*04:01:01	*16:02:01	SSP SBT NGS	
278	Lee , Jar-How	*02	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02		
6649	Lim , Young Ae	*02	*24	*35	*44									SSP	
8001	Rao , Prakash	*02	*24	*35	*44	*04	*16							SSO	
3625	Rees , Tracey	*02	*24	*35	*44	*04	*16	*02:01	*24:02	*35:20	*44:03	*04:01	*16:02		A*02:642 A*02:665 A*24:352 A*24:353 C*16:63 A*02:629 C*04:09N C*04:226
4251	Schiller , Jennifer	*02	*24	*35	*44	*04	*16	*02:01:01G	*24:02	*35:20	*44:03	*04:01P	*16:02:01G	SSO SBT	
3186	Watson , Narelle	*02	*24	*35	*44	*04	*16								
16	Zhang , Aiwen							*02:01:01	*24:02:01	*35:20:01	*44:03:01	*04:01:01	*16:02:01	NGS	

**Table 13. Individual laboratory results for Cell #1603**

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	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SSO NGS	
5133	Askar , Medhat							*01:01:01	*68:03:01	*15:17:01	*35:43:01	*01:02:01	*07:01:02		
4492	Caillat-Zucman ,	*01	*68	*15	*35	*01	*07							SSP	
774	Cecka , J. Michael	*01	*68	*15	*35	*01	*07		*68:03	*15:17	*35:43			SSP SSO	A*68:85 A*68:57 A*68:90 B*35:67 B*35:79 B*35:117
8070	Chang , Uckjin							*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SBT	
3632	Colombe , Beth V	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SSP SSO	
779	Daniel , Claude	*01	*68	*15	*35	*01	*07		*68:03	*15:17				SSP SSO	
3766	Dunckley , Heath	*01	*68	*15	*35	*01	*07							SSO	
5214	Eckels/CPMC ,	*01	*68	*15	*35	*01	*07							RT-PCR	
747	Ferrari-Lacraz , S	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	SSP SSO NGS	
762	Fischer , Gottfried							*01:01:01:01	*68:03:01	*15:17:01:01	*35:43:01	*01:02:01	*07:01:02	NGS	
4079	Fort , Marylise	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SSP SSO	A*01:195
3545	Goldstein , Steve	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SSO SBT	C*01:85 C*07:06 C*07:18 C*07:343 C*07:419 C*07:458 A*01:234 C*01:127
810	Hamdi , Nuha	*01	*68	*15	*35	*01	*07								
3808	Hogan , Patrick	*01	*68	*15	*35	*01	*07			*15:17	*35:43			SSP	
771	Israel , Shoshana	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01	SSO SBT	
725	Lardy , N.M.	*01	*68	*15	*35	*01	*07							SSO	
745	Latham , Katy							*01:01:01:01	*68:03:01	*15:17:01:01	*35:43:01	*01:02:01	*07:01:02	SSP SBT NGS	
278	Lee , Jar-How	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01		
6649	Lim , Young Ae	*01	*68	*15	*35									SSP	
8001	Rao , Prakash	*01	*68	*15	*35	*01	*07							SSO	
3625	Rees , Tracey	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02	*07:01		A*01:234 C*01:127
4251	Schiller , Jennifer	*01	*68	*15	*35	*01	*07	*01:01	*68:03	*15:17	*35:43	*01:02:01G	*07:01:01G	SSO SBT	
3186	Watson , Narelle	*01	*68	*15	*35	*01	*07								
16	Zhang , Aiwen							*01:01:01	*68:03:01	*15:17:01	*35:43:01	*01:02:01	*07:01:02	NGS	

**Table 14. Individual laboratory results for Cell #1604**

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	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SSO NGS	
5133	Askar , Medhat							*24:02:01	*24:07:01	*15:02:01	*57:01:01	*04:01:01	*06:02:01		
4492	Caillat-Zucman , S	*24		*15	*57	*04	*06							SSP	
774	Cecka , J. Michael	*24	*24	*15	*57	*04	*06		*24:07	*15:02	*57:01			SSP SSO	A*24:112 A*24:131 A*24:288 B*15:214 B*15:223 B*15:302N
8070	Chang , Uckjin							*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SBT	
3632	Colombe , Beth W	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SSP SSO	
779	Daniel , Claude	*24	*24	*15	*57	*04	*06			*15:02				SSP SSO	
3766	Dunckley , Heathe	*24		*15	*57	*04	*06							SSO	
5214	Eckels/CPMC ,	*24		*15	*57	*04	*06							RT-PCR	
747	Ferrari-Lacraz , Sy	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	SSP SSO NGS	
762	Fischer , Gottfried							*24:02:01:01	*24:07:01	*15:02	*57:01:01	*04:01:01:01	*06:02:01:01	NGS	
4079	Fort , Marylise	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SSP SSO	
3545	Goldstein , Steven	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SSO SBT	C*04:30 C*04:82 C*04:226 C*06:83 A*24:352 A*24:353
810	Hamdi , Nuha	*24	*24	*15	*57	*04	*06								
3808	Hogan , Patrick	*24		*15	*57	*04	*06			*15:02:01G				SSP	
771	Israel , Shoshana	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02	SSO SBT	
725	Lardy , N.M.	*24		*15	*57	*04	*06							SSO	
745	Latham , Katy							*24:02:01:01	*24:07:01	*15:02:01	*57:01:01	*04:01:01	*06:02:01:01	SSP SBT NGS	
278	Lee , Jar-How	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02		
6649	Lim , Young Ae	*24		*15	*57									SSP	
8001	Rao , Prakash	*24		*15	*57	*04	*06							SSO	
3625	Rees , Tracey	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01	*06:02		A*24:352 A*24:353 C*04:09N C*04:226 C*06:83
4251	Schiller , Jennifer	*24	*24	*15	*57	*04	*06	*24:02	*24:07	*15:02	*57:01	*04:01P	*06:02:01G	SSO SBT	
3186	Watson , Narelle	*24	*24	*15	*57	*04	*06								
16	Zhang , Aiwen							*24:02:01	*24:07:01	*15:02:01	*57:01:01	*04:01:01	*06:02:01	NGS	

**Table 15. Individual laboratory results for Cell #1601-1604 by serology**

Investigator	Days Old	Cell No 1601 (Hispanic)								Cell No 1602 (Hispanic)								Cell No 1603 (Hispanic)								Cell No 1604 (Filipino)										
		Viab %	A2	A26	B27	B51	Cw2	Bw4	OTHERS	Viab %	A2	A24	B35	B44	Cw4	Bw4	Bw6	OTHERS	Viab %	A1	A68	B35	B63	Cw1	Cw7	Bw4	Bw6	OTHERS	Viab %	A24	B75	B57	Cw4	Cw6	Bw4	Bw6
Cecka, J. Mic	2	>95	+	+	+	+		+		>95	+	+		+		+		>95	+	+	+	+				+	+	>95	+	+	+			+	+	
Dunckley, Hea	7	90	+	+	+	+				95	+	+	+	+				90	+	+	+	+					90	+	+	+						
Enczmann, J		90	+	+	+	+				90	+	+	+	+				90	+	+	+	+					90	+	+	+						
Ferrari-Lacra		90	+	+	+	+	+	+	Cw16	90	+	+	+	+	+	+	Cw16	NT									NT									
Fort, Marylis	3	98	+	+	+	+				98	+	+	+	+				96	+	+	+	+					98	+	+	+						
Hahn, Amy B.		99	+	+	+	+		+		99	+	+	+	+		+	+	99	+	+	+	+			+	+	99	+		+			+	+	B70	
Hogan, Patric		40	+	+	+	+	+	+		50	+	+	+	+	+	+		80	+	+	+	+			+	+	80	+	+	+	+	+	+	+		
Latham, Katy	3	95	+	+	+	+		+		99	+	+	+	+		+	+	99	+	+	+	+			+	+	99	+	+	+			+	+		
Permpikul, Ve	6	80	+	+	+	+		+		80	+	+		+		+	B48	80	+	+	+	+			+	+	80	+	+	+			+	+		
Pule, Ziningi		90	+	+	+	+	+		B53	80	+	+	+	+	+		B58	85	+	+	+	+	+	+		B70,B58	85	+	B62	+	+	+		B70,A32		
Rees, Tracey		90	+	+	+	+	+			90	+	+	+	+	+			90	+	A28	+	+	+	+			90	+	+	+	+	+				
Renac, Virgin	3	100	+	+	+	+		+		100	+	+	+	+		+	+	100	+	A28	+	B15			+	+	100	+	B15	+			+	+		
Shai, Isaac	8	92%	+	A10	+	B5	+	+	B44,B7+	90%	+	+	+	+	+	+	Cw5	90%	+	A28	+	B15	+	+	+	+	B53	88	+	B15	B17	+	+	+	+	A32
Vidan-Jeras,	2	100	+	+	+	+	+	+		95	+	+	+	+	+	+		100	+	+	+	+	+	+	+		100	+	+	+			+	+		
Zhang, Aiwen	2	95	+	+	+	+	+			95	+	+		+	+			95	+	A28		+	+	+			95	+		+	+					