

REPORT OF THE 379th CELL EXCHANGE

MARCH 5, 2014

Cells 1513-1516

Cell Exchange #379

The results for Cell Exchange #379 are summarized in Tables 1 and 2. Molecular typing results for laboratories are listed in Tables 3-6 for each sample and individual serology results for each sample are listed in

Table 7. The haplotype frequencies used in this report are from the NMDP Bioinformatics website, bioinformatics.nmdp.org.

Cell 1513. The consensus type for this Caucasian sample is A*01:01(A1)-A*02:01(A2)-B*15:01(B62)-B*41:01(B41)-C*03:03(Cw3)-C*17:01(Cw17). The likely associations in this cell are B*15:01-C*03:03 and B*41:01-C*17:01, with respective frequencies of HF=0.03482 and 0.00292, in Caucasians.

B62 and B41 were detected by 97% and confirmed as B*15:01 (*15:01:01) (35%) and B*41:01 (38%). Cw3 (55%) and Cw17 (28%) were the C-locus types, with DNA assigning C*03:03 (45%) and C*17:01 (36%). Four labs reported C*03:03:01 and C*17:01:01.

Cell 1514. The consensus type for this cell of mixed Hispanic and Caucasian heritage is A*02:01(A2)-A*24:02(A24)-B*39:24(B39)-B*41:01(B41)-C*07:01(Cw7)-C*17:01(Cw17). One likely haplotype in this cell is A*24:02-B*41:01-C*17:01, with respective frequencies of HF=0.00207, in Hispanics. The other likely haplotype may be A*02:01-B*39:24-C*07:01. This haplotype is observed exclusively in Caucasians, with HF=0.00025. The A*02:01-B*39:24-C*07:01 haplotype in this cell was observed previously in one other Exchange cell, cell 1379 (same as cell 1336), also of Caucasian descent.

This cell was previously typed as cell 1448 (same as cell 1402, 1373), as correctly identified by Askar, Claas, Lopez-Cepero, Mah, Pancoska, and Tiercy. In this present retyping, B*39:24 was assigned by 41%, a decrease from the 48% detection level in 2011. B39 was reported by 97%. Askar and Pollack noted the unusual B39 reaction pattern displayed by this cell. B*41:01 was reported by 38% as the second B-locus allele. C*07:01 and C*17:01 were assigned by 45% and 33%, respectively.

Cell 1515. The consensus type for this Hispanic cell is A*03:01(A3)-A*24:02(A24)-B*15:01(B62)-B*35:01(B35)-C*03:03(Cw3)-C*04:01(Cw4). The likely associations in this cell are B*15:01-C*03:03 and B*35:01-C*04:01, with respective frequencies of HF=0.01274 and 0.05155, in Hispanics. B*35:01-C*04:01 is the most common association in Hispanic populations.

B62 (100%) and B35 (96%) were reported as the B-locus types, with DNA assigning B*15:01 (35%) and B*35:01 (27%). Cw3 (59%) and Cw4 (44%) were the assigned C-locus types and confirmed as C*03:03 (43%) and C*04:01 (33%).

Cell 1516. The consensus type for this Filipino cell is A*11:01(A11)-A*34:01(A34)-B*15:02(B75)-B*15:21(B75)-C*04:03(Cw4)-C*08:01(Cw8). The likely haplotypes in this cell are A*34:01-B*15:21-C*04:03 and A*11:01-B*15:02-C*08:01, with respective frequencies of HF=0.00170 and 0.02020, in Asians. The A*34:01-B*15:21-C*04:03 haplotype in this cell has been observed in a number of other previous Filipino exchange cells, most recently cell 1304 (same as 1117, 1084, ext 131). Dunn commented that B*15:21 is common in Polynesians.

Two different subtypes of B*15 were detected in this cell, B*15:02 (45%) and B*15:21 (88%). B75 was reported by 81%. B35 (23%), B62 (15%), and B70 (8%) were also reported. The variant encoded by C*04:03 (53%) was present in this cell. Cw4 (27%), Cw6 (12%), Cw403 (4%), and Cw4V (4%), were reported as possible types.

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Table 1. Summary of the 379th Cell Exchange (Cell #1513-1516)

DNA typing							
Cell 1513		Cell 1514		Cell 1515		Cell 1516	
<u>34 labs</u>	% (n)	<u>34 labs</u>	% (n)	<u>29 labs</u>	% (n)	<u>29 labs</u>	% (n)
A*01:01:01:01	6 (2)	A*02:01:01	3 (1)	A*03:01:01	10(3)	A*11:01:01	13(4)
A*01:01:01	3 (1)	A*02:01	35(12)	A*03:01	24(7)	A*11:01	29(9)
A*01:01	29(10)	A*02:01+	6 (2)	A*03:01+	11(3)	A*11:01+	6(2)
A*01:01+	6 (2)	A*02	56(19)	A*03	55(16)	A*11	52(16)
A*01	56(19)						
A*02:01:01	6 (2)	A*24:02	41(14)	A*24:02:01	3 (1)	A*34:01:01	10(3)
A*02:01	29(10)	A*24:02+	3 (1)	A*24:02	31(9)	A*34:01	32(10)
A*02:01+	9 (3)	A*24	56(19)	A*24:02+	11(3)	A*34:01+	16(5)
A*02	56(19)			A*24	55(16)	A*34	39(12)
						A*26	3 (1)
<u>34 labs</u>	% (n)	<u>34 labs</u>	% (n)	<u>29 labs</u>	% (n)	<u>29 labs</u>	% (n)
B*15:01:01:01	6 (2)	B*39:24:01	15(5)	B*15:01:01:01	4 (1)	B*15:02:01	13(4)
B*15:01:01	9 (3)	B*39:24	26(9)	B*15:01	31(9)	B*15:02	32(10)
B*15:01	20(7)	B*39:24+	6 (2)	B*15:01+	17(5)	B*15:02+	23(7)
B*15:01+	15(5)	B*39	53(18)	B*15(B62)	17(5)	B*15(B75)	13(4)
B*15(B62)	15(5)			B*15	31(9)	B*15	19(6)
B*15	35(12)						
B*41:01	38(13)	B*41:01	38(13)	B*35:01:01	3 (1)	B*15:21	88(21)
B*41:21	3 (1)	B*41:01+	6 (2)	B*35:01:01G	3 (1)	B*15:21/144	4 (1)
B*41:01+	6 (2)	B*41	56(19)	B*35:01	21(6)	B*15	8 (2)
B*41	53(18)			B*35:01+	14(4)		
				B*35	59(17)		
<u>33 labs</u>	% (n)	<u>33 labs</u>	% (n)	<u>28 labs</u>	% (n)	<u>28 labs</u>	% (n)
C*03:03:01	12(4)	C*07:01:01G	3 (1)	C*03:03:01	4 (1)	C*04:03:01	7 (2)
C*03:03:01G	3 (1)	C*07:01	42(14)	C*03:03	39(11)	C*04:03	46(14)
C*03:01:01	3 (1)	C*07:01+	6 (2)	C*03:03+	21(6)	C*04:03/107	7 (2)
C*03:03	30(10)	C*07	49(16)	C*03(Cw9)	11(3)	C*04	40(12)
C*03:03+	12(4)			C*03	25(7)		
C*03(Cw9)	9 (3)						
C*03	30(10)						
C*17:01:01	12(4)	C*17:01:01	6 (2)	C*04:01:01	4 (1)	C*08:01:01	10(3)
C*17:01:01G	3 (1)	C*17:01:01G	3 (1)	C*04:01P	4 (1)	C*08:01:01G	3 (1)
C*17:01	21(7)	C*17:01	24(8)	C*04:01	25(7)	C*08:01	27(8)
C*17:01+	9 (3)	C*17:11	3 (1)	C*04:01+	14(4)	C*08:01+	13(4)
C*17	55(18)	C*17:01+	6 (2)	C*04	53(15)	C*08	47(14)
		C*17	58(19)				

Table 2: Summary of the 379th Cell Exchange (Cell #1513-1516)

(Caucasian) Cell 1513	
(29 Samples Typed)	
A1	100.0%
	[100.0%]
A2	100.0%
	[100.0%]
B62	96.6%
	[96.6%]
B41	96.6%
CW3	55.2%
CW9	3.4%
	[58.6%]
CW17	27.6%
BW6	89.7%
Others Found	
B50	6.9%
CW7	3.4%
B65	3.4%

(Hispanic) Cell 1514	
(29 Samples Typed)	
A2	100.0%
	[100.0%]
A24	100.0%
	[100.0%]
B39	96.6%
B39V	3.4%
	[100%]
B41	96.6%
CW7	51.7%
CW17	24.1%
BW6	89.7%
Others Found	
B48	3.4%

(Hispanic) Cell 1515	
(27 Samples Typed)	
A3	100.0%
A24	100.0%
	[100.0%]
B62	100.0%
	[100.0%]
B35	96.3%
CW3	55.6%
CW9	3.7%
	[59.3%]
CW4	44.4%
	[44.4%]
BW6	88.9%
Others Found	
B70	3.7%
CW7	3.7%
B50	3.7%
CW6	3.7%

(Filipino) Cell 1516	
(26 Samples Typed)	
A11	96.2%
A11.1	3.8%
	[100.0%]
A34	88.5%
A10	3.8%
	[92.3%]
B75	80.8%
B15	11.5%
	[92.3%]
CW4	26.9%
CW403	3.8%
CW4V	3.8%
CW6	11.5%
	[46%]
CW8	19.2%
BW6	88.5%
Others Found	
B35	23.1%
B62	15.4%
B70	7.7%
CW9	3.8%
CW3	3.8%
A6601	3.8%
A25	3.8%

Table 3. Individual laboratory results for Cell #1513

Center	Investigator	HLA-A		HLA-B		HLA-C		Method
16	Askar,Medhat	*01:01	*02:01	*15:01:01	*41:01	*03:03:01	*17:01:01	PCR-RSSO,SBT
774	Cecka,J.Michael	*01	*02	*15	*41:21	*03	*17	SSP
8070	Chang,Uckjin	*01	*02	*15	*41	*03:03	*17:01	SSP
4492	Charron,D.	*01	*02	*15	*41	*03:03	*17	SSP
798	Claas,F.H.J.	*01:01:01:01	*02:01:01	*15:01:01	*41:01	*03:03:01	*17:01:01	SSP,SBT
3632	Colombe,Beth	*01:01	*02:01	*15:01	*41:01	*03:03	*17:01	SSO,SSP
779	Daniel,Claud	*01	*02	*15 (B62)	*41	*03:03	*17	PCR-SSP,SSO
3766	Dunn,Paul	*01	*02	*15	*41	*03	*17	SSO
5214	Eckels/CPMC	*01	*02	*15 (B62)	*41	*03 (Cw9)	*17	SSO
762	Fischer,Gottfried	*01	*02	*15	*41	*03	*17	SSO,SSP
4079	Fort,Marylise	*01	*02	*15	*41	*03	*17	SSP
8043	Gideoni,Osnat	*01:01	*02:01	*15:01	*41:01	*03:03	*17:01	SSP
9002	Gideoni_LR	*01	*02	*15	*41	*03	*17	SSO
3808	Hogan,Patrick	*01	*02	*15:01+	*41	*03:03+	*17	SSP
771	Israel,Shoshana	*01:01	*02:01	*15:01	*41:01	*03:03	*17:01	SBT,SSP
9003	Israel_LR	*01	*02	*15	*41	*03	*17	PCR-SSOP
9000	Klein_LR	*01	*02	*15	*41	*03	*17	PCR-SSP,SSO
725	Lardy,N.M.	*01	*02	*15	*41	*03	*17	SSO,SSP
745	Latham, Katy	*01:01	*02:01	*15:01:01:01	*41:01	*03:03:01	*17:01:01	SSO,SSP,SBT
278	Lee,Jar-How	*01:01	*02:01	*15:01/65/102+	*41:01/20/21/25	*03:03/62	*17:01	SSP,RSSO
6649	Lim,Young Ae	*01	*02	*15 (B62)	*41			SSP
731	Loewenthal,R	*01:01:01	*02:01	*15:01:01	*41:01	*03:01:01	*17:01	SBT,SSO
759	Lopez-Cepero	*01:01/02/04N+	*02:01/07/09+	*15:01/01N/28+	*41:01/05/07+	*03:03/11/12+	*17:01/02/03/04+	RSSO
54	Pancoska,Carol	*01	*02	*15 (B62)	*41	*03 (Cw9)	*17	RSSOP
8001	Rao,Prakash	*01	*02	*15:01/01N/28+	*41	*03:03	*17	RSSO
3625	Rees,Tracey	*01:01	*02:01	*15:01	*41:01	*03:03	*17:01-03	PCR-SSP,SBT
1160	Rosen-Bronson	*01:01	*02:01	*15:01	*41:01	*03:03	*17	RSSO,SSP,SBT
793	Rubocki,Ronald	*01	*02	*15 (B62)	*41	*03 (Cw9)	*17	SSP
4251	Schiller,Jennifer	*01:01	*02:01	*15:01	*41:01	*03:03:01G	*17:01:01G	PCR-RSSO,SBT
3545	Scornik,Juan C	*01:01/01N	*02:01/01N	*15:01/01N	*41:01	*03:03/20N	*17:01/02/03	SSOP,SBT
747	Tiercy,Jean-Marie	*01:01:01:01	*02:01:01	*15:01:01:01	*41:01	*03:03:01	*17:01:01	SSO,SSP,SBT
5462	Turner,E.V.	*01:01	*02:01/01L	*15:01	*41:01	*03:03	*17:01	SBT,SSO,SSP
5642	Varnavidou-Nico	*01	*02	*15	*41	*03	*17	PCR-SSP
3186	Watson,Narelle	*01	*02	*15	*41	*03	*17	SSO

Table 4. Individual laboratory results for Cell #1514

Center	Investigator	HLA-A		HLA-B		HLA-C		Method
16	Askar,Medhat	*02:01	*24:02	*39:24:01	*41:01	*07:01	*17:01	PCR-RSSO,SBT
774	Cecka,J.Michael	*02	*24	*39	*41	*07	*17	SSP
8070	Chang,Uckjin	*02	*24	*39	*41	*07:01	*17:11	SSP
4492	Charron,D.	*02	*24	*39	*41	*07	*17	SSP
798	Claas,F.H.J.	*02:01	*24:02	*39:24:01	*41:01	*07:01	*17:01:01	SSP,SBT
3632	Colombe,Beth	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	SSO,SSP
779	Daniel,Claud	*02	*24	*39	*41	*07	*17	PCR-SSP,SSO
3766	Dunn,Paul	*02	*24	*39:24/28/79	*41	*07	*17	SSO
5214	Eckels/CPMC	*02	*24	*39	*41	*07	*17	SSO
762	Fischer,Gottfried	*02	*24	*39	*41	*07	*17	SSO,SSP
4079	Fort,Marylise	*02	*24	*39	*41	*07	*17	SSP
8043	Gideoni,Osnat	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	SSP
9002	Gideoni_LR	*02	*24	*39	*41	*07	*17	SSO
3808	Hogan,Patrick	*02	*24	*39	*41	*07:01	*17	SSP
771	Israel,Shoshana	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	SBT,SSP
9003	Israel_LR	*02	*24	*39	*41	*07	*17	PCR-SSOP
9000	Klein_LR	*02	*24	*39	*41	*07	*17	PCR-SSP,SSO
725	Lardy,N.M.	*02	*24	*39	*41	*07	*17	SSO,SSP
745	Latham, Katy	*02:01	*24:02	*39:24:01	*41:01	*07:01	*17:01	SSO,SSP,SBT
278	Lee,Jar-How	*02:01	*24:02	*39:24	*41:01/20/21/25	*07:01	*17:01	SSP,RSSO
6649	Lim,Young Ae	*02	*24	*39	*41			SSP
731	Loewenthal,R	*02:01	*24:02	*39:24:01	*41:01	*07:01	*17:01	SBT,SSO
759	Lopez-Cepero	*02:01/04/07+	*24:02/03/09N+	*39:24/28/79	*41:01/07/14+	*07:01/06/16+	*17:01/02/03/04+	RSSO
54	Pancoska,Carol	*02	*24	*39	*41	*07	*17	RSSOP
8001	Rao,Prakash	*02	*24	*39	*41	*07	*17	RSSO
3625	Rees,Tracey	*02:01	*24:02	*39:24	*41:01	*07:01	*17	PCR-SSP,SBT
1160	Rosen-Bronson	*02:01	*24:02	*39:24	*41:01	*07:01	*17	RSSO,SSP,SBT
793	Rubocki,Ronald	*02	*24	*39	*41	*07	*17	SSP
4251	Schiller,Jennifer	*02:01	*24:02	*39:24	*41:01	*07:01:01G	*17:01:01G	PCR-RSSO,SBT
3545	Scornik,Juan C	*02:01	*24:02	*39:24	*41:01	*07:01/06/18	*17:01/02/03	SSOP,SBT
747	Tiercy,Jean-Marie	*02:01:01	*24:02	*39:24:01	*41:01	*07:01	*17:01:01	SSO,SSP,SBT
5462	Turner,E.V.	*02:01/01L	*24:02	*39:24	*41:01	*07:01	*17:01	SBT,SSO,SSP
5642	Varnavidou-Nico	*02	*24	*39	*41	*07	*17	PCR-SSP
3186	Watson,Narelle	*02	*24	*39	*41	*07	*17	SSO

Table 5. Individual laboratory results for Cell #1515

Center	Investigator	HLA-A		HLA-B		HLA-C		Method
16	Askar,Medhat	*03:01	*24:02	*15:01	*35:01/42	*03:03/20N	*04:01	PCR-RSSO,SBT
774	Cecka,J.Michael	*03	*24	*15	*35	*03	*04	SSP
8070	Chang,Uckjin	*03	*24	*15	*35	*03:03	*04:01	SSP
4492	Charron,D.	*03	*24	*15	*35	*03:03	*04	SSP
798	Claas,F.H.J.	*03:01:01	*24:02:01	*15:01:01:01	*35:01:01	*03:03:01	*04:01:01	SSP,SBT
3632	Colombe,Beth	*03:01	*24:02	*15:01	*35:01	*03:03	*04:01	SSO,SSP
779	Daniel,Claud	*03	*24	*15 (B62)	*35	*03:03	*04	PCR-SSP,SSO
3766	Dunn,Paul	*03	*24	*15	*35	*03	*04	SSO
5214	Eckels/CPMC	*03	*24	*15 (B62)	*35	*03 (Cw9)	*04	SSO
762	Fischer,Gottfried	*03:01	*24:02	*15:01	*35:01	*03:03	*04:01/09N/30/82	SSO,SSP
4079	Fort,Marylise	NT						SSP
8043	Gideoni,Osnat	NT						SSP
9002	Gideoni_LR	*03	*24	*15	*35	*03	*04	SSO
3808	Hogan,Patrick	*03	*24	*15:01+	*35	*03:03+	*04	SSP
771	Israel,Shoshana	NT						SBT,SSP
9003	Israel_LR	*03	*24	*15	*35	*03	*04	PCR-SSOP
9000	Klein_LR	NT						PCR-SSP,SSO
725	Lardy,N.M.	*03	*24	*15	*35	*03	*04	SSO,SSP
745	Latham, Katy	*03:01:01	*24:02	*15:01	*35:01	*03:03	*04:01	SSO,SSP,SBT
278	Lee,Jar-How	*03:01	*24:02/02Q/135+	*15:01/20/34/102+	*35:01/42/43/52+	*03:03/52/53/56+	*04:01/43/44/45+	SSP,RSSO
6649	Lim,Young Ae	*03	*24	*15 (B62)	*35			SSP
731	Loewenthal,R	*03:01:01	*24:02	*15:01	*35:01	*03:03	*04:01	SBT,SSO
759	Lopez-Cepero	*03:01/03N/04+	*24:02/03/05+	*15:01/05/20+	*35:01/07/14+	*03:03/11/12+	*04:01/04/05+	RSSO
54	Pancoska,Carol	*03	*24	*15 (B62)	*35	*03 (Cw9)	*04	RSSOP
8001	Rao,Prakash	*03	*24	*15:01/01N/05+	*35	*03:03	*04	RSSO
3625	Rees,Tracey	*03:01	*24:02	*15:01	*35	*03:03/62/171	*04	PCR-SSP,SBT
1160	Rosen-Bronson	*03:01/17/157	*24:02/21/145	*15:01	*35:01	*03:03	*04:01	RSSO,SSP,SBT
793	Rubocki,Ronald	*03	*24	*15 (B62)	*35	*03 (Cw9)	*04	SSP
4251	Schiller,Jennifer	*03:01	*24:02	*15:01	*35:01:01G	*03:03	*04:01P	PCR-RSSO,SBT
3545	Scornik,Juan C	*03:01/01N	*24:02	*15:01/01N	*35:01/42	*03:03/20N	*04:01/09N/30/82	SSOP,SBT
747	Tiercy,Jean-Marie	NT						SSO,SSP,SBT
5462	Turner,E.V.	*03:01	*24:02	*15:01	*35:01	*03:03	*04:01	SBT,SSO,SSP
5642	Varnavidou-Nico	*03	*24	*15	*35	*03	*04	PCR-SSP
3186	Watson,Narelle	*03	*24	*15	*35	*03	*04	SSO

Table 6. Individual laboratory results for Cell #1516

Center	Investigator	HLA-A		HLA-B		HLA-C		Method
16	Askar,Medhat	*11:01:01	*34:01:01	*15:02:01	*15:21	*04:03:01	*08:01:01	PCR-RSSO,SBT
774	Cecka,J.Michael	*11	*34:01/02/05	*15:02/88/139+	*15:21	*04:03	*08	SSP
8070	Chang,Uckjin	*11	*26	*15	*15	*04:03	*08:01	SSP
4492	Charron,D.	*11	*34	*15		*04	*08	SSP
798	Claas,F.H.J.	*11:01:01	*34:01:01	*15:02:01	*15:21	*04:03	*08:01:01	SSP,SBT
3632	Colombe,Beth	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01	SSO,SSP
779	Daniel,Claud	*11	*34	*15:02/88/112+	*15:21	*04	*08	PCR-SSP,SSO
3766	Dunn,Paul	*11	*34:01/05	*15:02/88/112+	*15:21	*04:03/107	*08	SSO
5214	Eckels/CPMC	*11	*34	*15 (B75)	*15:21	*04	*08	SSO
762	Fischer,Gottfried	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01/22	SSO,SSP
4079	Fort,Marylise	NT						SSP
8043	Gideoni,Osnat	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01	SSP
9002	Gideoni_LR	*11	*34	*15		*04	*08	SSO
3808	Hogan,Patrick	*11	*34:01/05	*15:02+	*15:21/44	*04	*08	SSP
771	Israel,Shoshana	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01	SBT,SSP
9003	Israel_LR	*11	*34	*15		*04	*08	PCR-SSOP
9000	Klein_LR	NT						PCR-SSP,SSO
725	Lardy,N.M.	*11	*34	*15		*04	*08	SSO,SSP
745	Latham, Katy	*11:01:01	*34:01:01	*15:02:01	*15:21	*04:03:01	*08:01:01	SSO,SSP,SBT
278	Lee,Jar-How	*11:01/69N/86+	*34:01	*15:02/88/112+	*15:21	*04:03	*08:01/36N/42/46+	SSP,RSSO
6649	Lim,Young Ae	*11	*34	*15 (B75)				SSP
731	Loewenthal,R	*11:01:01	*34:01	*15:02:01	*15:21	*04:03	*08:01	SBT,SSO
759	Lopez-Cepero	*11:01/02/03/07+	*34:01/05	*15:02/88/112+	*15:21	*04:03/107	*08:01/08/20+	RSSO
54	Pancoska,Carol	*11	*34	*15 (B75)		*04	*08	RSSOP
8001	Rao,Prakash	*11	*34	*15:02	*15:21	*04	*08	RSSO
3625	Rees,Tracey	*11:01	*34:01/05	*15:02	*15:21	*04:03	*08:01	PCR-SSP,SBT
1160	Rosen-Bronson	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01	RSSO,SSP,SBT
793	Rubocki,Ronald	*11	*34	*15 (B75)		*04	*08	SSP
4251	Schiller,Jennifer	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01:01G	PCR-RSSO,SBT
3545	Scornik,Juan C	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01/22	SSOP,SBT
747	Tiercy,Jean-Marie	NT						SSO,SSP,SBT
5462	Turner,E.V.	*11:01	*34:01	*15:02	*15:21	*04:03	*08:01	SBT,SSO,SSP
5642	Varnavidou-Nico	*11	*34	*15	*15	*04	*08	PCR-SSP
3186	Watson,Narelle	*11	*34	*15:02/88/112+	*15:21	*04	*08	SSO

Table 7 . Individual laboratory results for Cell #1513-1516

Investigator	Days Old	Cell No 1513 (Caucasian)									Cell No 1514 (Hispanic)									Cell No 1515 (Hispanic)									Cell No 1516 (Filipino)								
		Viab %	A1	A2	B62	B41	CW3	CW17	BW6	OTHERS	Viab %	A2	A24	B39	B41	CW7	CW17	BW6	OTHERS	Viab %	A3	A24	B62	B35	CW3	CW4	BW6	OTHERS	Viab %	A11	A34	B75	BX	CW4	CW8	BW6	OTHERS
Alvarez, Carr		70	+	+	+	+		+		70	+	+	+	+			+		70	+	+	+	+			+		70	+						+	A25	
Askar, Medhat	2	95	+	+	+	+	+	+		95	+	+	39V	+	+	+	+		90	+	+	+	+	+	+	+		90	+	+	+	B35	w4V	+	+		
Cecka, J. Mic		>95	+	+	+	+		+		>95	+	+	+	+			+		>95	+	+	+	+			+		>95	+	+	+				+		
Charron, Domi		95	+	+	+	+				95	+	+	+	+					95	+	+	+	+					95	+	A10	B15	B35					
Claas, F.H.J.	3	90	+	+	+	+	+			90	+	+	+	+			+		90	+	+	+	+		+	+		90	+	+	B62		w403		+		
Dunn, Paul	7	95	+	+	+	+		+		95	+	+	+	+			+		95	+	+	+	+			+		95	+	+	+	B35			+		
Enczmann, J		95	+	+	+	+				95	+	+	+	+					98	+	+	+	+					98	+	+	+						
Fort, Marylis	3	95	+	+	+	+		+		97	+	+	+	+			+																				
Hahn, Amy B.	6	99	+	+	+	+	+	+	+	99	+	+	+	+	+	+	+		99	+	+	+	+	+	+	+	CW6	90	+	+	+	B70	+		+	CW9	
Hesse, Kissel		90	+	+	+	+	+	+	+	90	+	+	+	+	+		+		90	+	+	+	+	+	+	+		90	+	+	+	B62	+	+	+		
Holman, Richa	3	98	+	+	+	+		+		98	+	+	+	+			+		98	+	+	+	+			+		98	+	+	B15				+		
Israel, Shosh		80	+	+	+	+	+	+	+	80	+	+	+	+	+	+	+		80	+	+	+	+	+	+		80	+	+	+	B62	+		+			
Klein, Tirza		85	+	+	+	+	+	+		85	+	+	+	+	+	+	+		98	+	+	+	+	+	+		90	+	+	B15	B35	+		+			
Kvam, Vonnett	2	90	+	+		+	+	+	B65	88	+	+	+	+	+	+	+		90	+	+	+	+	+	+		85	+		B62	B35	w6		+	CW3>		
Loewenthal MD	6	90	+	+	+	+	+	+		90	+	+	+	+	+	+	+		95	+	+	+	+	+	+		90	+	+	+				+			
Mah, Helen	3	98	+	+	+	+		+		98	+	+	+	+			+		98	+	+	+	+			+		98	+	+	+				+		
Meyer, Pieter		90	+	+	+	+	+	+	+	90	+	+	+		+		+		90	+	+	+		+	+	B70											
Norin, Allen		99	+	+	+	+		+		99	+	+	+	+			+		99	+	+	+	+		+			99	+	+	+				+		
Pancoska, Car	2	98	+	+	+	+	w9	+	+	98	+	+	+	+	+	+	+		97	+	+	+	+	w9	+	+		97	+	+	+		+	+	+		
Permpikul, Ve	6	90	+	+	+			+	B50	90	+	+	+	+			+		90	+	+	+	+		+			90	A11.1	+	+	B70			+		
Pollack, Mari	2	98	+	+	+	+	+	+	+	98	+	+	+	+	+		+		98	+	+	+	+	+	+	+		98	+	+	+		w6		+		
Rees, Tracey		25	+	+	+	+	+	+		25	+	+	+	+			+		25	+	+	+	+		+			25	+	+	+				+		
Rosen-Bronson		90	+	+	+	+	+	+		90	+	+	+	+	+		+		90	+	+	+	+	+	+			90	+	+	+		w6	+			
Rubocki, Rona	2	99	+	+	+	+	+	+		98	+	+	+	+	+	+	+		97	+	+	+	+	+	+	+		98	+	+	+	B15			+		
Shai, Isaac	8	84	+	+	+	+	+	w7	+	B50	88	+	+	+	+	+	+	B48	82	+	+	+	+	+	+	B50	86	+	+	+	B35	+		+			
Thornton, Aly		80	+	+	+	+	+	+	+	80	+	+	+	+	+	+	+		80	+	+	+	+	+	+	CW7	80	+	+	+	B15	+	+	+			
Tiercy, Jean-	6	80	+	+	+	+		+		80	+	+	+	+			+		98	+	+	+	+		+			98	+	+	+				+		
Varnavidou-Ni	6	98	+	+	+	+		+		98	+	+	+	+			+		98	+	+	+	+		+			98	+	+	+				+		
Vidan-Jeras,	6	100	+	+	+	+	+	+		100	+	+	+	+	+	+	+		95	+	+	+	+	+	+	+		90	+	+	+				+		