

REPORT OF THE 349th CELL EXCHANGE

MAY 5, 2010

B-Cell Line	437-438
Serum	1017-1020
DNA Extract	481-484
Cells	1393-1396

B-cell line Exchange

We wish to acknowledge the generous collaboration of **Helen Bass, Jane Rowlands, and Tracy Rees, Wales Blood Service, Pontyclun,** and **Fu-Meei Robbins, National Institutes of Health, Bethesda,** in sharing unusual cells to type in our exchanges.

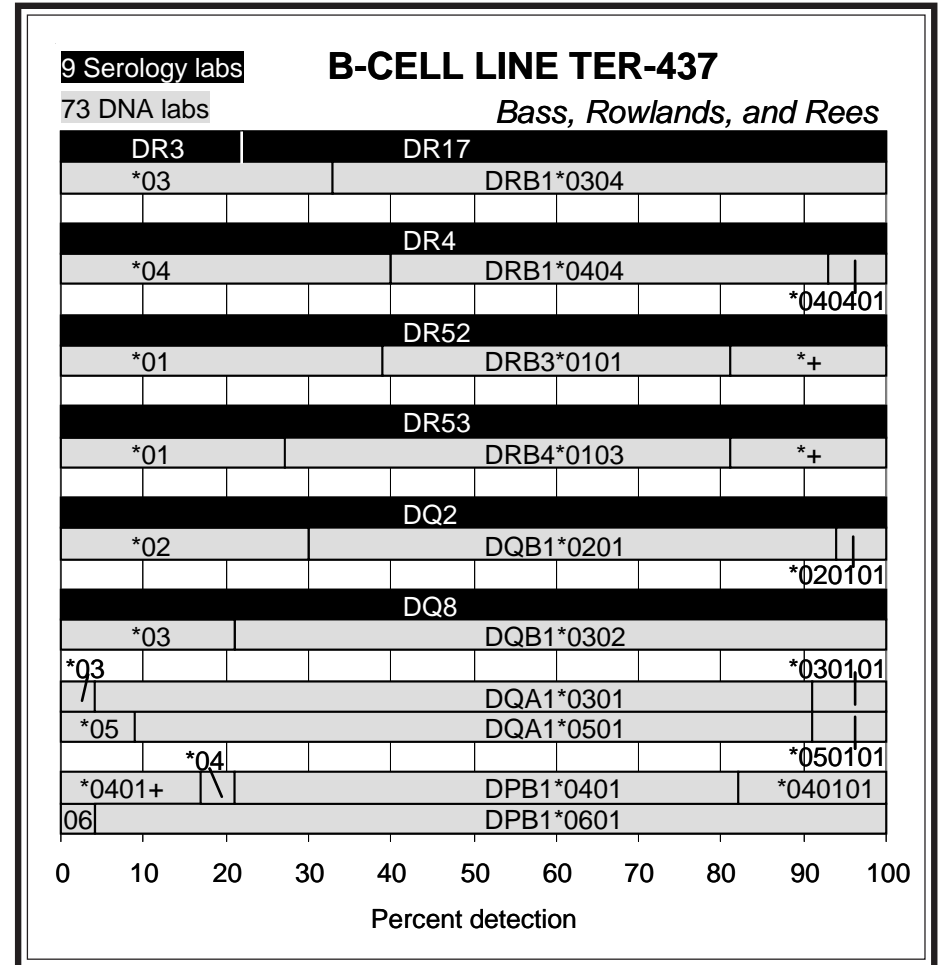
TER-437. This cell was 35919, a reference for the rare DRB1*0304, and was previously typed as TER-335 (2004), as correctly identified by Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy.

In this present retyping, DRB1*0304 was detected by 67%. The serologic equivalent, DR17, was assigned by 78%. DRB1*0304 was also typed in 2 other exchange cells, TER-204 (1997) and TER-336 (2004); both of these cells also serve as reference DRB1*0304 cells, known as GRD and TER336, respectively.

The other DRB1 type was DRB1*0404, reported by 60%. DR4 was assigned in complete consensus.

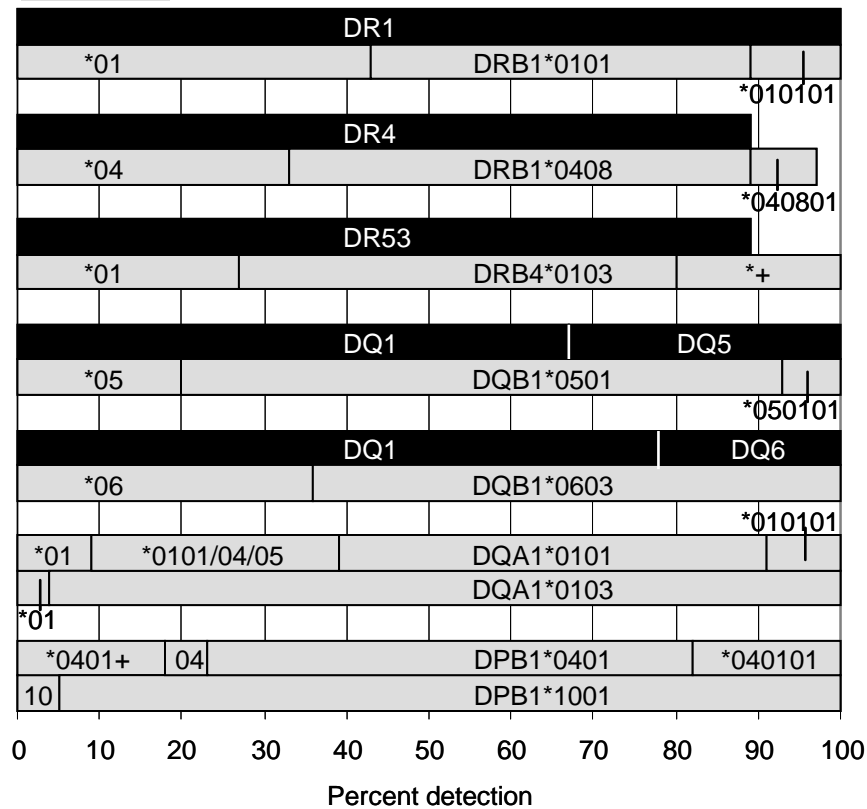
One probable haplotype in this cell was DRB1*0304-DRB3*0101-DQB1*0201-DQA1*0501, as also found in the other 2 DRB1*0304 exchange cells. When describing this allele fifteen years ago, Anholts et al. stated, "Sequencing showed 2 bp substitutions at codon 37 in a DRB1*0301 sequence, resulting in the replacement of aa Asn by Ser... This new allele is now officially called DRB1*0304 and is associated with a DRB3*0101 and DQB1*0201." (1) The other haplotype was DRB1*0404-DRB4*0103-DQB1*0302-DQA1*0301; in particular, DRB1*0404-DQB1*0302 is found in all populations.

DPB1*0401 (*040101) (79%), and DPB1*0601 (96%) were the DPB1 alleles. DPB1*0401/*2402 was reported by 13%.



9 Serology labs **B-CELL LINE TER-438 (Caucasian)**

72 DNA labs



TER-438. DRB1*0408 was detected by 64% in the retyping of this Caucasian donor. This cell was previously typed as TER-365 (2005), as noted by Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy. DRB1*0408 was also typed in TER-250 (1999) from a Caucasian donor.

DR4 was assigned by 89%.

The other DRB1 allele was DRB1*0101 (57%). DR1 was assigned in complete agreement.

In the previous 2005 typing, DPA1*0103/07 and DPA*0201 were assigned by Darke.

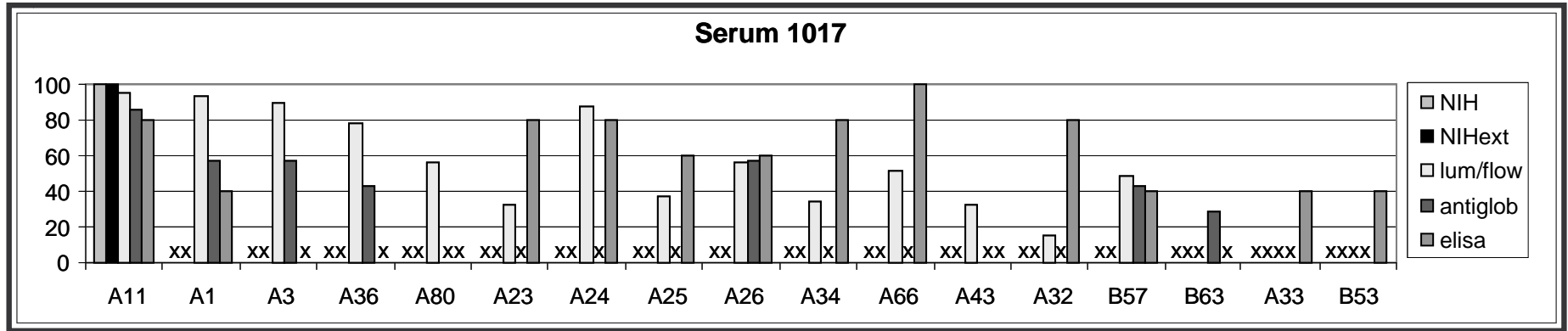
One haplotype in this cell, DRB1*0408-DRB4*0103-DQB1*0603-DQA1*0103, indicated that DRB1*0408 was found in an unusual and rare association with DQB1*0603 and DQA1*01. The other DRB1*0408 exchange cell, TER-250, was found in association with DQB1*0302. DR4 alleles are normally found in association with DQB1*03, usually DQB1*0302 or DQB1*0301, and DQA1*03, either DQA1*0301 or DQA1*0303. Only 2 other DR4 exchange cells had the unusual association with a DQ1, that is, TER-207 with DRB1*0405-DQB1*0503-DQA1*0103 and TER-224 with DRB1*0403-DQB1*0503-DQA1*0104.

The other haplotype, DRB1*0101-DQB1*0501-DQA1*0101, is commonly found in all ethnic populations.

The DPB1 types were DPB1*0401 (*040101) (77%) and DPB1*1001 (95%). Several labs did not resolve DPB1*0401 from either DPB1*2302N or DPB1*2402.

Serum Exchange

In this present antibody study, all 4 samples, **sera 1017-1020**, were strongly positive to A11 by all methods. Labs using sensitive techniques detected additional reactivity, in particular, to other 1CREG specificities.

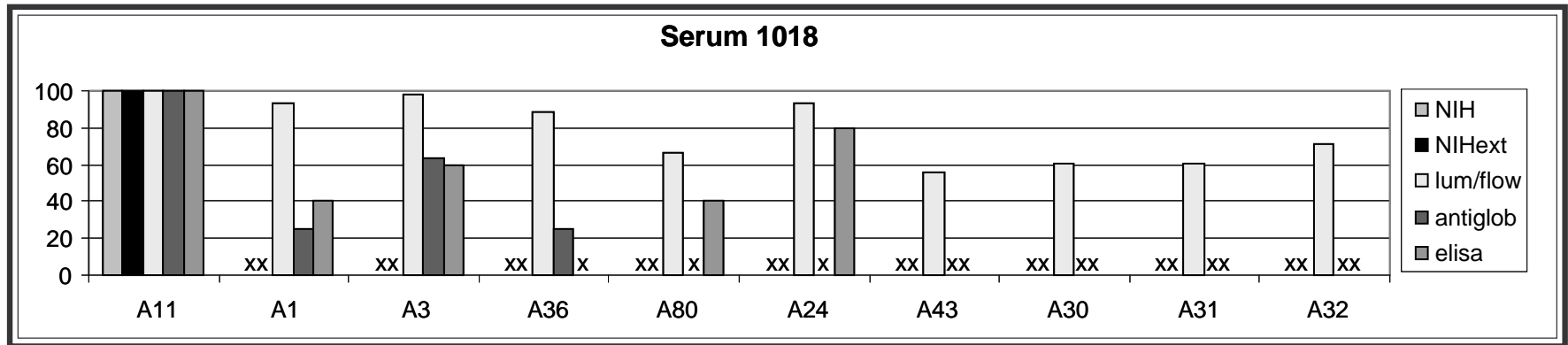


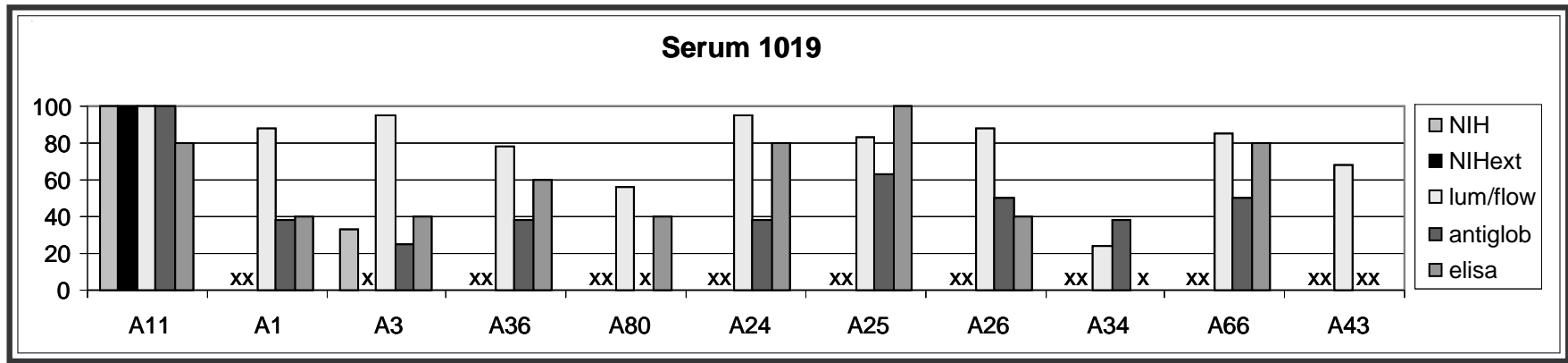
By NIH, 3 of the 4 samples, sera 1017, 1018, and 1019, reacted as operatively monospecific anti-A11 antibodies. Labs using NIH reported additional reactivity to A26 for the fourth sample, serum 1020.

In addition being positive to A11, serum 1017 was reported by labs using Luminex, flow, antiglobulin, and ELISA to be positive to A1, A26, and B57. Reactivity to A9 and other A10 specificities were also detected by Luminex,

flow, and ELISA.

Serum 1018 had additional reactivity to A1 and A3 reported by Luminex, flow, antiglobulin, and ELISA labs. Luminex, flow, and ELISA detected A80 and A24; Luminex and flow labs also reported anti-A19 reactivity. In contrast to the other 3 antibodies in this study, this sample did not have anti-A10 reactivity.

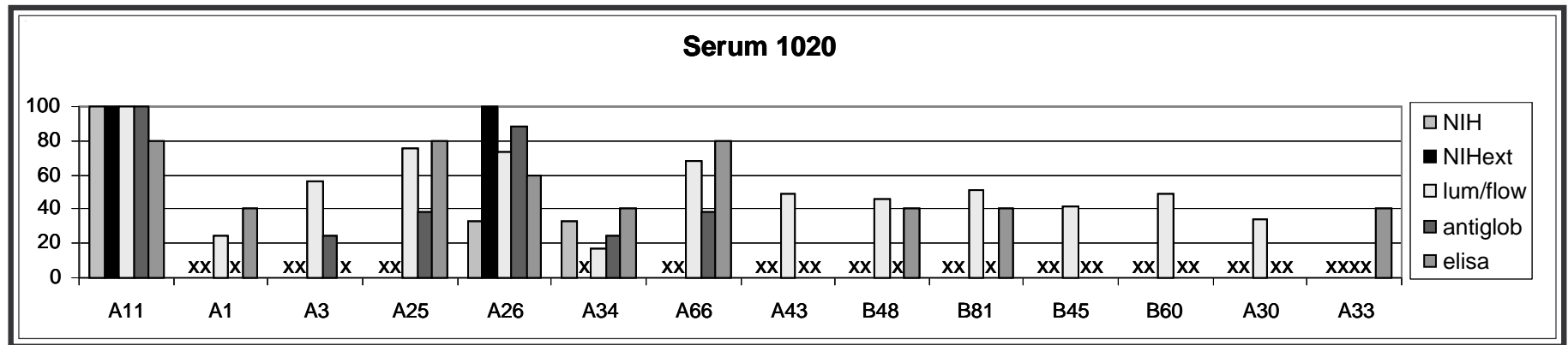




Results for serum 1019 from Luminex, flow, antiglobulin, and ELISA labs indicated classic reactivity patterns for 2 different CREG's , that is, 1C+10C (A1, A3, A11, A36, A80, A24, A25, A26, A34, A66, A43).

For serum 1020, additional anti-A10 (A25, A26, A34, A66) reactivity was

observed by Luminex, flow, antiglobulin, and ELISA. Reactivity to several B-locus specificities, including B60, B48, B45, and B81, was also reported. In contrast to the other 3 sera in this study, no anti-A9 reactivity was reported.



Extract Exchange

We wish to express our gratitude to **Helen Bass, Jane Rowlands, and Tracy Rees, Wales Blood Service, Pontyclun**, for offering numerous reference cells to type in our exchange studies. Two reference cells for rare B*15 alleles, as correctly identified by Moses and Dunckley, were included in this month's exchange. Both B*15 alleles, B*1578 and B*9507 (B*15:107) were typed for the first time in the Cell Exchange.

The B*15 in extract 482, B*9507, now renamed to B*15:107, illustrates the dramatic impact of the new HLA nomenclature formally introduced in April. The final lists of class I DNA results in this report will show both the old and the new nomenclature for each allele, as reported by the participating labs. However, due to space, we will use only one set of allele names in the text as well as in the graphs; at this present time, we elect to use the old

Extract 481. This Caucasian cell was 14513383, the reference cell for B*1578. B*1578 differs from B*15010101 at codon 131 (CGC->AGC), exon 3, resulting in an amino acid change of arginine to serine (R->S).

The rare B*1578 was detected by 61%. No other B*15 allele was assigned.

The other B-locus type was B*3801 (59%), with 32% assigning B*380101.

The A-locus types were typed as A*0201 (41%) and A*2501 (39%)

The C-locus alleles were Cw*0304 (59%) and Cw*1203 (48%).

Regarding B*1578, Rowlands shared the following observations,

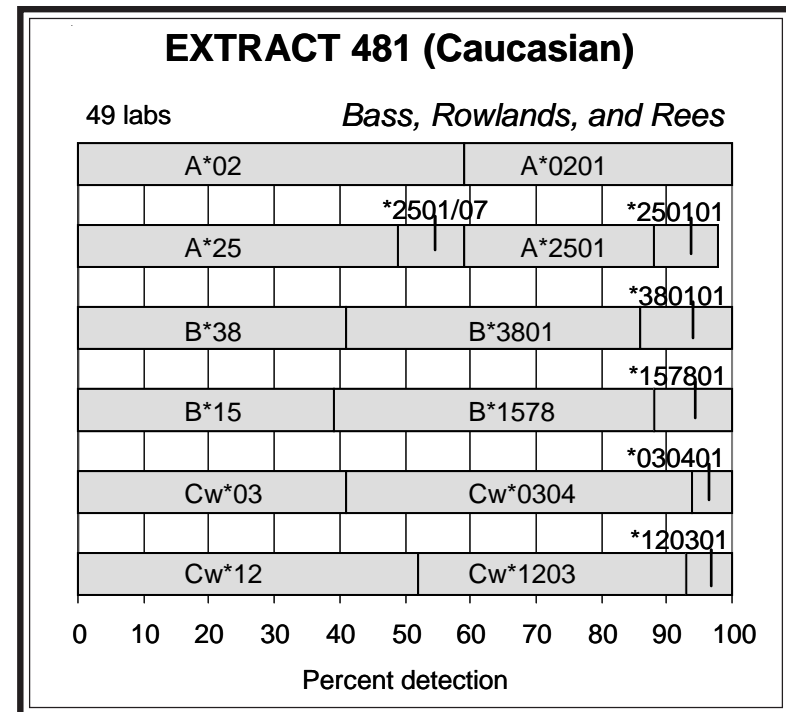
"We have currently seen five examples of B*15:78 (including 48161) - all in unrelated bone marrow donors. Serologically, B*15:78 types as a 'normal' B62 (three different samples typed) using our in-house sera and One Lambda monoclonal trays. Although we have been unable to type family members to determine haplotypes it appears that B*15:78 is on a haplotype with A*02 Cw*03:04 DRB1*04:01 DRB4*01 DQA1*03 DQB1*03:02 DPB1*04:01 (although in one case the Cw type is probably Cw*01:02 and not Cw*03:04). The one amino acid difference at position 131 from B*15:01:01:01 does not appear to affect the reactivity of B*15:78." (personal communication, 5/4/10)

Based upon the exchange data and Rowland's observations, the probable haplotypes in this cell were A*0201-B*1578-Cw*0304 and A*2501-B*3801-Cw*1203.

names. As noted in the previous report, we will transition to the exclusive use of the new nomenclature by the end of this year.

The 2 reference cells in this study are available to health service and academic professionals from the Welsh Transplantation and Immunogenetics Laboratory, Welsh Blood Service, for research purposes only. You may contact Helen Bass (helen.bass@wbs.wales.nhs.uk) or Jane Rowlands (jane.rowlands@wbs.wales.nhs.uk) for their latest B-cell line Catalogue. The cell id for the B*1578 cell is 48161 and the cell id for the B*9507/B*15:107 cell is 49650.

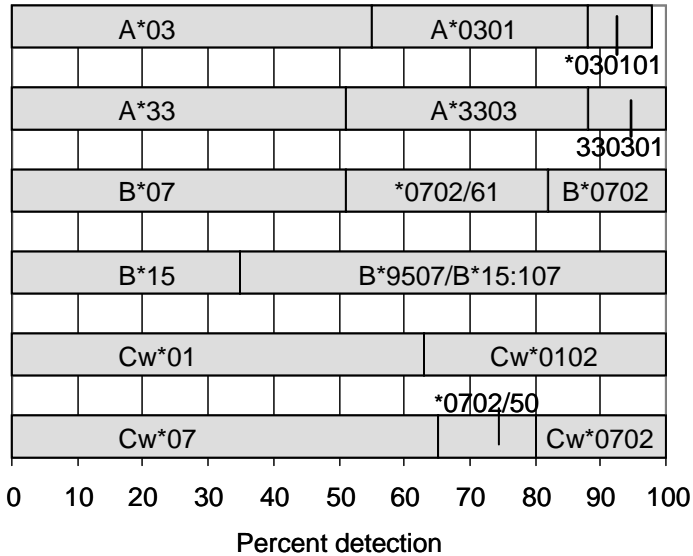
The haplotype frequencies used in this report are from the NMDP Bioinformatics web site, at bioinformatics.nmdp.org.



EXTRACT 482 (Cauc/Black)

49 labs

Bass, Rowlands, and Rees



Extract 482. This donor of mixed ethnicity of Caucasian and Black, was the reference cell, 13890190, for B*9507, now renamed as B*15:107. Hammond et al. described B*9507, "The human leukocyte antigen-B*15 variant B*9507 is similar to B*1505 (B62) but with substitutions of A>C at positions 463 and G>C at position 477 in exon 3. This results in a single amino acid charge of serine to arginine (AGC>CGC) at codon 131 and a silent substitution (GCG>GCC - conserved alanine) at codon 135." (2)

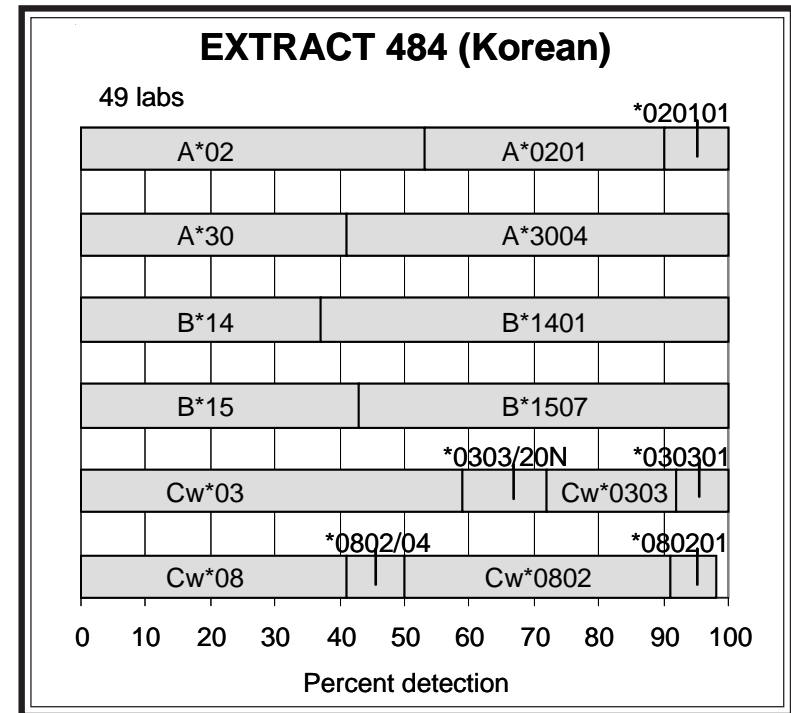
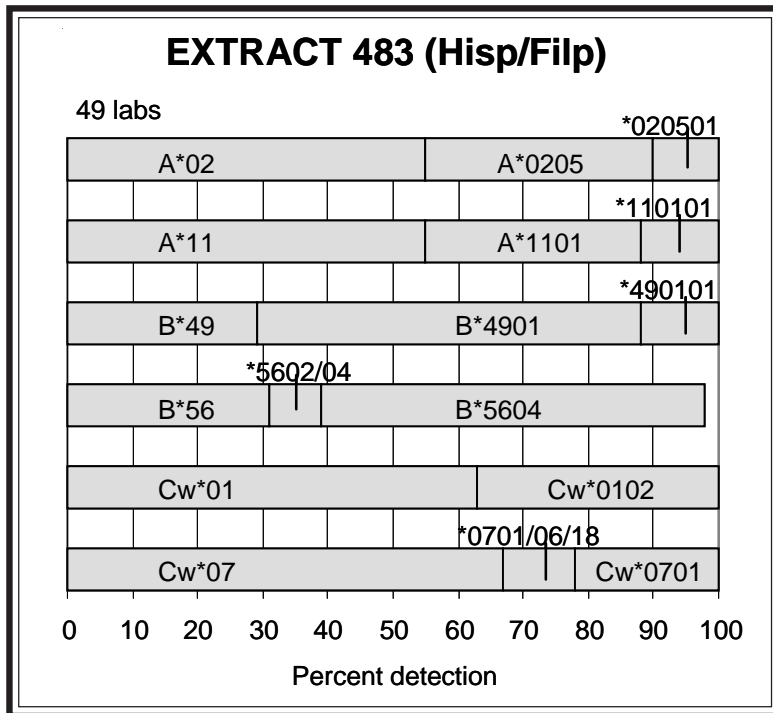
The novel B*15 allele was well detected, by a total of 65%, with 43% assigning B*9507 and 22% reporting B*15:107.

B*0702 was the second B-locus allele, as reported by 18%.

A*0301 (45%) and A*3303 (49%) were the A-locus types.

The C-locus alleles were Cw*0102 (37%) and Cw*0702 (20%).

Hammond et al. also typed the mother of this donor. Combining the family study and results from this present typing, the haplotypes in this cell were A*3303-B*9507-Cw*0102-DRB1*0407-DRB4*01-DQA1*03-DQB1*0302-DPA1*0103/07/09-DPB1*0402/*9401 and A*0301-B*0702-Cw*0702-DRB1*0401-DRB4*01-DQA1*03-DQB1*0301-DPA1*0103/07/09-DPB1*0301/*7001. The family study indicated that the haplotype having B*9507 came from the father whose ethnicity was Black Caribbean.



Extract 483. Over half of the labs detected B*5604 (59%) in this cell of mixed ethnic background, being Hispanic and Filipino. This was the second B*5604 typed in the Cell Exchange; the other cell was cell 1394 from a Filipino individual, as described in this same report.

B*4901 (71%) was well typed as the second B-locus allele.

A*0205 and A*1101 were assigned by 45%.

Cw*0102 (37%) and Cw*0701 (22%) were the C-locus alleles.

The haplotypes in this cell may be A*0205-B*4901-Cw*0701, found at HF=0.00361 in Hispanics, and A*1101-B*5604-Cw*0102, which may also be present in cell 1394.

Extract 484. B*1507 (57%) was present in this cell from a Korean individual. B*1507 is found in all ethnic populations and was previously typed in extract 312 (also extract 135, cell 975), extract 350, and cell 1129. Extract 312 and cell 1129 were obtained from Black donors.

B*1401 (63%) was the other B-locus allele.

A*0201 (47%) and A*3004 (59%) were the A-locus types.

Cw*0303 (28%) and Cw*0802 (48%) were the C-locus alleles.

B*1401-Cw*0802 and B*1507-Cw*0303 are found in strong linkage disequilibrium in all ethnic groups. All previous B*1507 exchange donors were found in association with Cw*0303. The probable haplotypes in this donor were A*3004-B*1401-Cw*0802, HF=0.00372 in Asians, and A*0201-B*1507-Cw*0303.

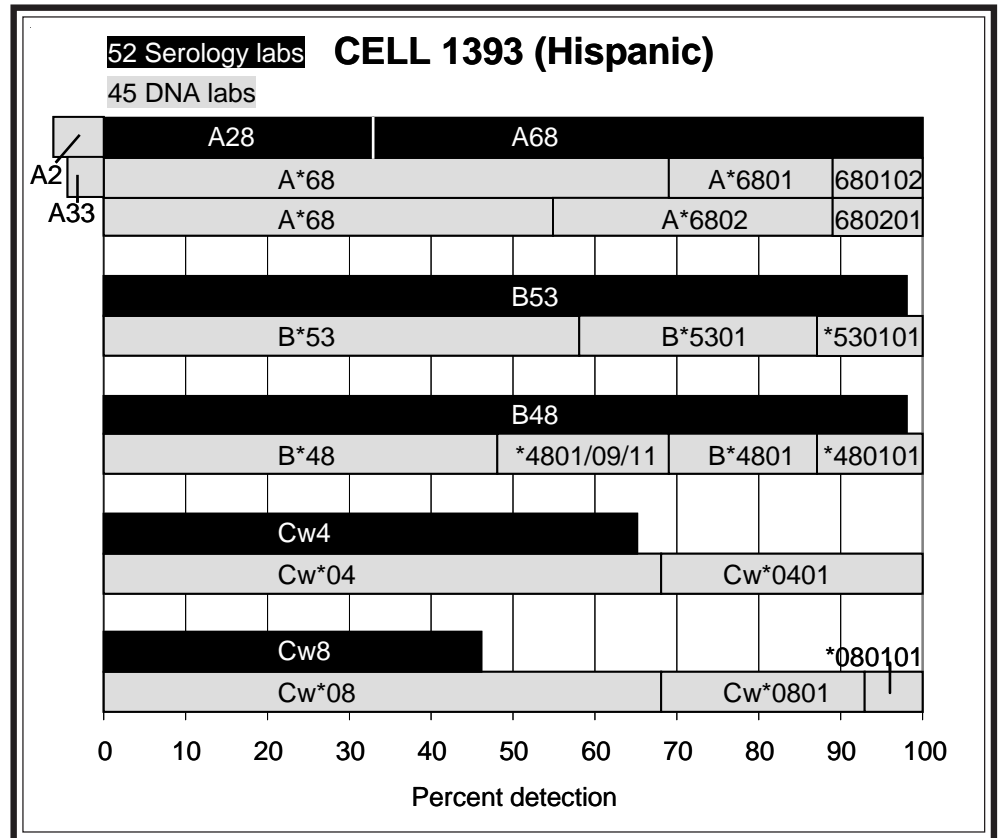
Cell Exchange

Cell 1393. This Hispanic donor was the HLA-identical sibling of another exchange donor typed last year as cell 1370 (also typed as 1168 in 2003). Another sibling was typed as cell 1175 (2003) and retyped as cell 1199 (2004).

A68 was typed by 67% as the A28 split. Two different A*68 alleles were detected as A*6801 (31%) and A*6802 (45%).

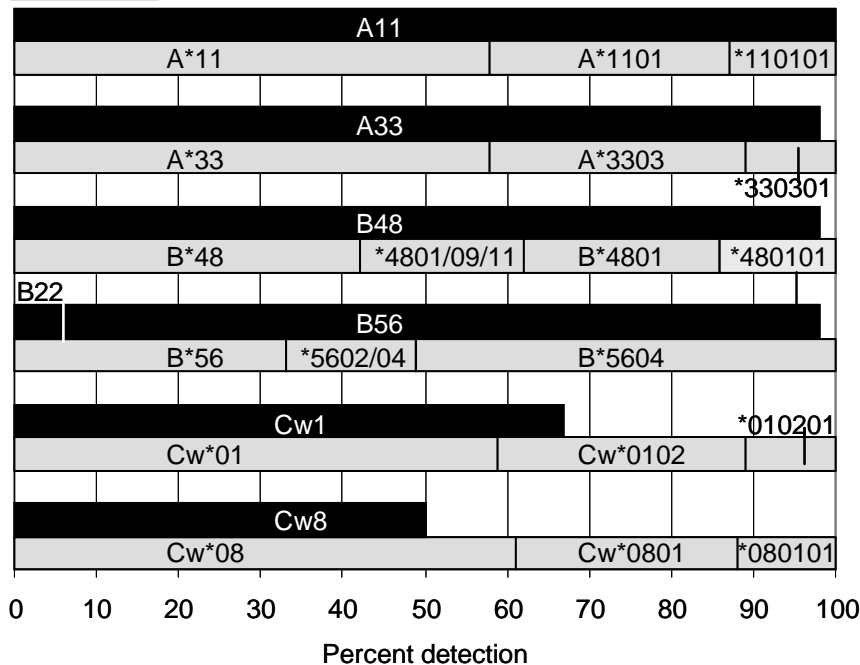
The B-locus antigens, B53 and B48, were assigned by 98% and confirmed as B*5301 (42%) and B*4801 (31%), respectively.

The family study confirmed the haplotypes in this present donor as A*6801 (*680102)-B*4801-Cw*0801 and A*6802-B*5301-Cw*0401. The NMDP Bioinformatics web site indicates that the haplotype frequencies for A*6802-B*5301-Cw*0401 are 0.00600 in Hispanics and 0.01377 in African-Americans.



52 Serology labs **CELL 1394 (Filipino)**

45 DNA labs



Cell 1394. This Filipino donor was typed multiple times in the Cell Exchange during a 17-year span, as cells 768 (1993), 906 (1997), 1026 (2000), 1075 (2001), 1230 (2005), 1260 (2006), and as extract 31 (1997), as correctly identified by a number of labs, including Abbal, Brown, Moses and Dunckley, Lopez-Cepero, Mah, McCluskey, Askar and Pidwell, and Tiercy. B*5604 was also detected in extract 483 from a Hispanic/Filipino donor, discussed in this same report.

The B56 variant encoded by B*5604 was detected by 92% in this retyping. Comments were received from 7 labs (Abbal, Keown, Lardy, Lopez-Cepero, Pollack, Rubocki, Semana) noting shorter than normal B56 reactivity. B*5604 was assigned by 51%.

B48 was reported by 98%, verified as B*4801 by 38%. In the 2006 typing, van den Berg-Loonen performed SBT of exon 4 to differentiate B*4801 from B*4809.

A11 (100%) and A33 (98%) were well typed, and 42% corroborated the respective alleles as A*1101 (*110101) and A*3303 (*330301).

Cw1 (67%) and Cw8 (50%) were the C-locus antigens, confirmed as Cw*0102 (41%) and Cw*0801 (39%), respectively. B56-Cw1 and B48-Cw8 are found in strong linkage disequilibrium. NMDP data indicate that in Asians, the frequency rate for B*5604-Cw*0102 is 0.00124 and for B*4801g-Cw*0801, a frequency rate of 0.01274.

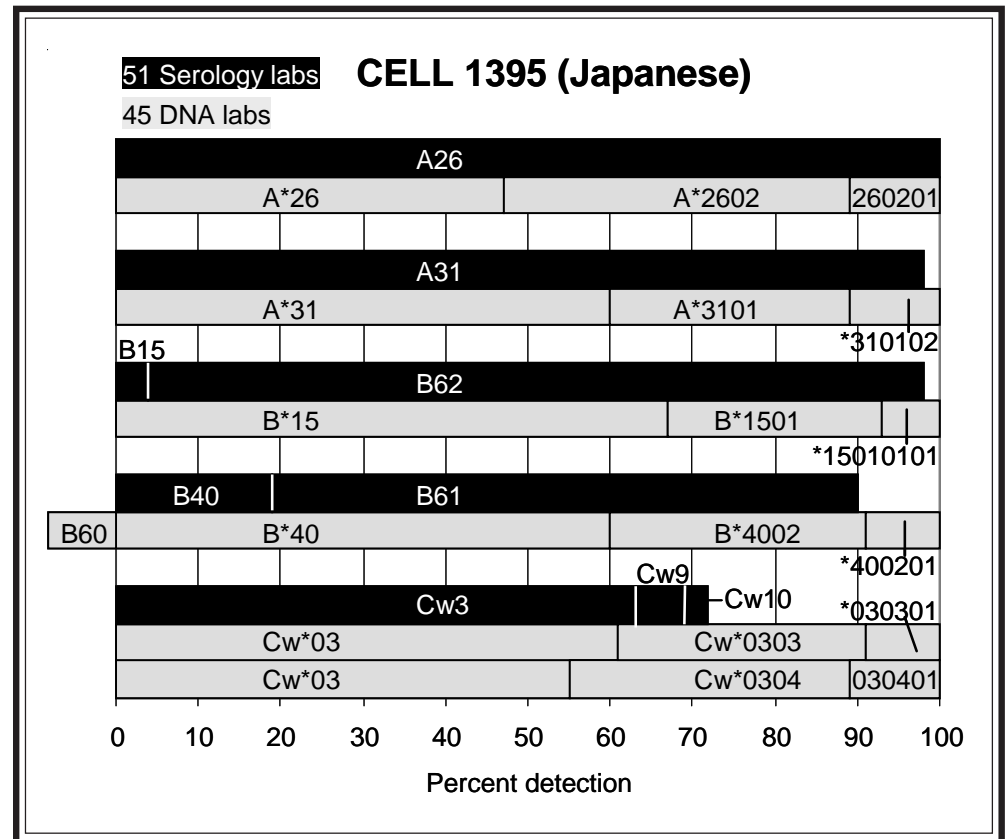
Cell 1395. A26 was assigned in complete consensus in this cell from a Japanese individual and 53% of the DNA labs assigned A*2602. This A*26 variant was previously typed in 2 other exchange cells, cell 1247 (also extract 430) from a Caucasian/Japanese donor, and cell 1309 (also cell 1259) from a Korean donor.

A31 (98%) was well typed and confirmed as A*3101 (40%).

B62 (94%) and B61 (71%) were verified as B*1501 (33%) and B*4002 (40%), respectively.

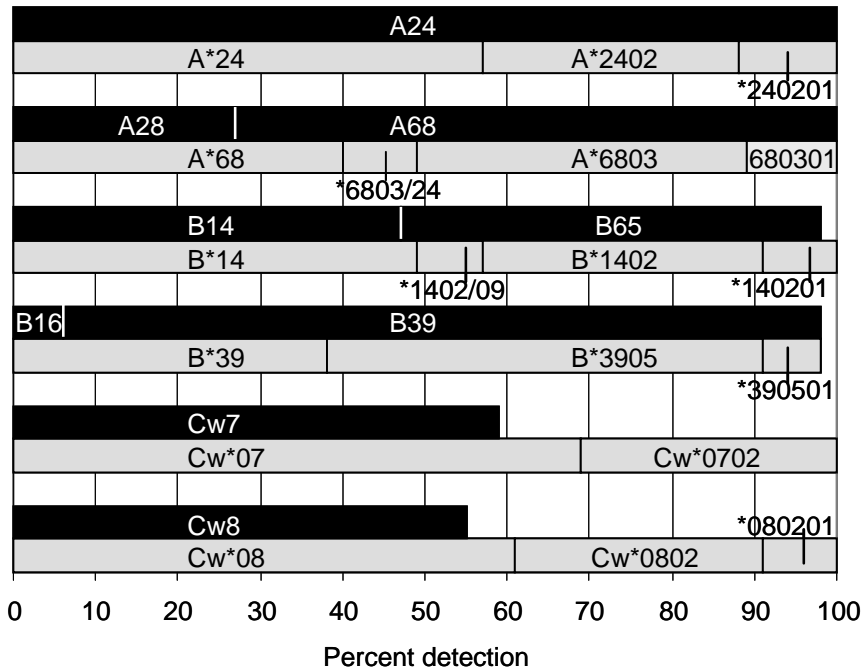
Cw3 was detected by 69% and the presence of both Cw9 and Cw10 splits were confirmed by molecular typing as Cw*0303 (39%) and Cw*0304 (45%).

The probable haplotypes in this cell were A*2602-B*1501-Cw*0303 and A*3101-B*4002-Cw*0304, both haplotypes predominantly restricted to Asian populations.



51 Serology labs CELL 1396 (Hispanic)

45 DNA labs



Cell 1396. A B39 variant was present in this Hispanic donor, as noted by Dunk, Hahn, and Pollack, with shorter than normal reactivity with B39 antisera and inconsistent crossreactivity with anti-B38 sera. B39 was assigned by 92% and B*3905 was reported by 60%.

B65 (51%) was the B14 split, confirmed as B*1402 by 43%.

A24 (100%) and A68 (73%) were corroborated as A*2402 (43%) and A*6803 (51%), respectively.

Cw7 (59%) and Cw8 (55%) were verified as Cw*0702 (31%) and Cw*0802 (39%), respectively.

The likely associations were A*2402-B*1402-Cw*0802 (HF=0.00446) and A*6803-B*3905-Cw*0702 (HF=0.00632), found at high frequency rates in Hispanics. The A*6803-B*3905-Cw*0702 haplotype was also found in previous B3905 exchange cells 872, 929, 1098, 1099, 1246, 1341, 1363, and 1364, all from Hispanic donors.

References

1. Anholts JDH, Verduyn W, Parlevliet A, et al. Irregular polymerase chain reaction-sequence-specific oligonucleotide hybridization patterns reveal seven new HLA-DRB1 alleles related to DR2, DR3, DR6, DR8, and DR11. *Human Immuno* 1995;42:15.
2. Hammond L, Street J, Johnson J, et al. A new HLA-B*15 variant – B*9507. *Tissue Antigens* 2007;70:515.

NEXT MAILING DATE: June 9, 2010

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Gomez,Carmen	Miami	FL	Norin,Dr Allen	Brooklyn	NY			

B-CELL LINE TER-437

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal, Michel	*0304	*0404/79			*0201	*0302					P-SSO, SSP
5488 Adams, Sharon	*0304	*0404	*01	*01	*020101	*030201	*0301	*0501	*040101	*0601	RSSO, SBT, SSP
774 Cecka, J. Mich	*0304	*0404	*0101/12+	*0103	*0201/04+	*0302	*0301	*0501			SSP, SSOP
785 Chan, Soh Ha	*0304/25	*0404/68	*010102	*010301	*0201/04+	*0302	*0301-03	*0501/03+			SBT
4492 Charron, D.	*0304	*0404	*0101/12+	*0103	*0201	*0302	*0301	*0501	*0401/*2402	*0601	P-SSO, SSP
3224 Chen, Dongfen	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501			SBT, SSP, RSSO
8021 Clark, Brenda	*0304	*0404	*01	*01	*0201	*0302			*0401	*0601	P-SSP, SSO
3632 Colombe, Beth	*0304	*0404	*0101	*0103	*0201	*0302					SSP
5130 Costeas, Paul	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501			SSO, SSP
779 Daniel, Claud	*03(DR17)	*04	*01-*03	*01010101+	*020101+	*03(DQ8)					P-SSP
5219 Daniel, Dolly	*03	*04	+	+	*02	*03					
5323 Dhaliwal, J.S	*0304	*0404	*0101/11	*0103	*02	*03					P-SSP
5891 Du, Keming	*0304	*0404			*0201	*0302					P-SBT
856 Dupont, Bo	*0304/25/31	*0404/23/40+			*0201	*0302/18+					SSO
5214 Eckels/CPMC	*03(DR17)	*04	*01	*01	*02	*0302	*0301	*0501			SSOP
3428 Eckels/Utah	*0304	*0404/23			*0201	*0302	*0301	*0501	*0401/*2402	*0601	SSOP
2332 Elkhalfifa, Mo	*0304	*0404/23			*0201	*0302					SSO
4251 Ellis, Thomas	*0304	*0404	*01	*0101/03/06	*0201	*0302			*0401	*0601	P-SSO, SEQ
3135 Fischer, John	*0304	*0404	*0101	*0103	*0201	*0302			*0401	*0601	SBT, P-SSP
762 Fischer/Mayr	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501			RSSO, LBT, SSP+
792 Gandhi&Genco	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501			SSO, SSP
8043 Gideoni, Osna	*0304	*0404			*0201	*0302	*0301	*0501			SSP, SSOP
9002 Gideoni_LR	*03	*04			*02	*03					SSP, SSOP
234 Gomez, Carmen	*03	*04	+	+	*02	*03					SSP
5195 Gomez, Carmen	*03	*04	*01	*01	*02	*0302					SSOP
910 Hahn, Amy B.	*0304	*0404	*0101/12+	*0103	*0201/05	*0302					SSP
4691 Hajeer, Ali	*03	*04	+	+	*02	*03					SSO
810 Hamdi, Nuha	*0304	*0404			*020101	*0302					SSO
4269 Hanau, Daniel	*0304	*0404	*0101	*0103	*0201	*0302			*0401	*0601	P-SSP, SBT
1461 Hidajat, M.	*0304	*0404	*0101	*0103	*0201	*0302			*0401	*0601	SSO, SSP
2344 Hurley/Hartz	*0304	*040401			*020101	*030201			*040101	*0601	SBT, SSOP
771 Israel, Shosh	*0304	*0404			*0201	*0302					SSP
9003 Israel_LR	*03	*04			*02	*03					RVSSO
748 Jaramillo, An	*03(DR17)	*04	*01+	*01+	*02	*03(DQ8)			*04	*06	P-SSO
859 Kamoun, Malek	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501	*0401	*0601	P-SSO, SSP
797 Kato, Shunich	*0304	*0404			*0201/05	*0302					SSO, SBT-DR+
4337 Kim, Tai-Gyu	*03:04	*04:04			*02:01	*03:02			*04:01	*06:01	SBT
168 Klein, Tirza	*0304	*0404			*0201	*0302					P-SSP, SSO
9000 Klein_LR	*03	*04			*02	*03					P-SSP, SSO
5096 Koh, Eun-mi	*03	*04									P-SSO
87 Land, Geoffre	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501/03	*0401	*0601	SSO, SSP, SBT
725 Lardy, N.M.	*03	*04	+	+	*02	*03	*0301	*0501			SSO, SSP
278 Lee, Jar-How	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501	*0401	*0601	RVSSO, SSP
640 Lee, Kyung Wh	*0304	*0404			*0201	*0302	*030101	*050101			P-SBT
6649 Lim, Young Ae	*03	*04	+	+							P-SSP
274 Lo, Raymundo	*0301	*04	+	+	*02	*0302					SSP
731 Loewenthal, R	*0304	*040401			*0201	*0302					SBT, SSO
759 Lopez-Cepero	*0304/23/26+	*0404/23/40+			*0201	*0302	*0301	*0501	*0401/*2402	*0601	RVSSO
23 Mah, Helen	*0304	*0404	*0101/11	*0101/03/06	*0201	*0302	*0301	*0501			SSO, SSP
8029 Mani, Rama	*03	*04	+	+							SSP
206 McAlack-Bala	*03(DR17)	*04	*01	*01	*0201	*0302					RVSSOP
9916 McIntyre, Joh	*0304	*040401	*0101/12+	*0103	*0201	*0302					SSP, SBT
794 Merenmies, Ju	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02			*04:01	*06:01	SBT, SSO, SSP
8042 Muncher, Lior	*0304	*0404			*0201	*0302					
8065 Padua, Flore	*03	*04	*01	*01	*02	*03					SSP
3648 Pereira, Noem	*0304	*0404			*0201	*0302					RSSO, SSP, SBT
3966 Permpikul&Ve	*0304	*0404	*0101	*0103	*0201	*0302					P-SSP

B-CELL LINE TER-437

73 DNA LABS

73 LABS REPORTING DRB1

DRB1*03	32%
DRB1*0301	1%
DRB1*0304	67%
DRB1*03	100% TOTAL

DRB1*04	40%
DRB1*0404	53%
DRB1*040401	7%
DRB1*04	100% TOTAL

52 LABS REPORTING DRB3

DRB3*+	19%
DRB3*0101	39%
DRB3*010102	3%
DRB3*01	39%

52 LABS REPORTING DRB4

DRB4*+	19%
DRB4*0103	50%
DRB4*010301	2%
DRB4*01030101	2%
DRB4*01	27%

9 SEROLOGY LABS

DR3	22%
DR17	78%
DR3	100% TOTAL

DR4 100%

DR52 100%

DR53 100%

70 LABS REPORTING DQB1

DQB1*02	30%
DQB1*0201	64%
DQB1*020101	6%
DQB1*02	100% TOTAL

DQB1*03	21%
DQB1*0302	73%
DQB1*030201	6%
DQB1*03	100% TOTAL

23 LABS REPORTING DQA1

DQA1*03	4%
DQA1*0301	87%
DQA1*030101	9%
DQA1*03	100% TOTAL

DQA1*05	9%
DQA1*0501	82%
DQA1*050101	9%
DQA1*05	100% TOTAL

23 LABS REPORTING DPB1

DPB1*0401+	4%
DPB1*0401/*2402	13%
DPB1*04	4%
DPB1*0401	61%
DPB1*040101	18%

DPB1*06	4%
DPB1*0601	96%
DPB1*06	100% TOTAL

DQ2 100%

DQ8 100%

B-CELL LINE TER-438

CTR DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal, Michel	*0101/21	*0408		*0501	*0603					P-SSO, SSP
5488 Adams, Sharon	*010101	*0408	*01	*050101	*060301	*0101	*0103	*040101	*1001	RSSO, SBT, SSP
774 Cecka, J. Mich	*0101/14/17+	*0408	*0103	*0501	*0603	*0101	*0103			SSP, SSOP
785 Chan, Soh Ha	*0108	*0408/19	*010301	*0501	*0603	*0101/04/05	*0103			SBT
4492 Charron, D.	*0101/21	*0408	*0103	*0501	*0603	*0101	*0103	*0401/*2302N+	*1001	P-SSO, SSP
3224 Chen, Dongfen	*0101	*0408	*0103	*0501	*0603	*0101/04/05	*0103			SBT, SSP, RSSO
8021 Clark, Brenda	*0101	*0408	*01	*0501	*0603			*0401	*1001	P-SSP, SSO
3632 Colombe, Beth	*0101	*0408	*0103	*0501	*0603					SSP
5130 Costeas, Paul	*0101	*0408	*0103	*0501	*0603	*0101	*0103			SSO, SSP
779 Daniel, Claud	*01	*04		*05	*06					P-SSP
5219 Daniel, Dolly	*01	*04	++	*05	*06					
5323 Dhaliwal, J.S	*0101	*0408	*0103	*05	*06					P-SSP
5891 Du, Keming	*0101	*0408		*0501	*0603					P-SBT
856 Dupont, Bo	*0101/05/07+	*040506		*0501	*0603/14/28+					SSO
5214 Eckels/CPMC	*01	*04	*01	*0501	*06	*01	*0103			SSOP
3428 Eckels/Utah	*0101	*040506/08		*0501	*0603/28/31	*0101/04/05	*0103	*0401/*2402	*1001	SSOP
2332 Elkhalfifa, Mo	*0101	*0408	*01	*0501	*0603					SSO
4251 Ellis, Thomas	*0101	*0408	*0101/03/06	*0501	*0603			*0401	*1001	P-SSO, SEQ
3135 Fischer, John	*0101	*0408	*0103	*0501	*0603			*0401	*1001	SBT, P-SSP
762 Fischer, Mayr	*0101	*0408	*0103	*0501	*0603	*01				RSSO, LBT, SSP+
792 Gandhi&Genco	*0101	*0408	*0103	*0501	*0603	*0101	*0103			SSO, SSP
8043 Gideoni, Osna	*0101	*0408		*0501	*0603	*0101	*0103			SSP, SSOP
9002 Gideoni_LR	*01	*04		*05	*06					SSP, SSOP
234 Gomez, Carmen	*01	*04	++	*05	*06					SSP
5195 Gomez, Carmen	*01	*04	*01	*0501	*06					SSOP
910 Hahn, Amy B.	*0101/14/19+	*0408	*0103	*0501	*0603					SSP
4691 Hajeer, Ali	*01	*04	++	*05	*06					SSO
810 Hamdi, Nuha	*0101	*0408		*0501	*060301					SSO
4269 Hanau, Daniel	NT									
1461 Hidajat, M.	*0101	*0408	*0103	*0501	*0603			*0401	*1001	SSO, SSP
2344 Hurley/Hartz	*010101	*040801		*050101	*060301			*040101	*1001	SBT, SSOP
771 Israel, Shosh	*0101	*0408		*0501	*0603					SSP
9003 Israel_LR	*01	*04		*05	*06					RVSSO
748 Jaramillo, An	*01	*04	*01+	*05	*06			*04	*10	P-SSO
859 Kamoun, Malek	*0101	*0408	*0103	*0501	*0603	*0101	*0103	*0401	*1001	P-SSO, SSP
797 Kato, Shunich	*0101	*0408		*0501	*0603/28					SSO, SBT-DR+
4337 Kim, Tai-Gyu	*01:01	*04:08		*05:01	*06:03			*04:01	*10:01	SBT
168 Klein, Tirza	*0101	*0408		*0501	*0603					P-SSP, SSO
9000 Klein_LR	*01	*04		*05	*06					P-SSP, SSO
5096 Koh, Eun-mi	*01	*04								P-SSO
87 Land, Geoffre	*0101	*0408	*0103	*0501	*0603	*0101	*0103	*0401	*1001	SSO, SSP, SBT
725 Lardy, N, M.	*01	*04	++	*05	*06	*0101	*0103			SSO, SSP
278 Lee, Jar-How	*0101	*0408	*0103	*0501	*0603	*0101	*0103	*0401	*1001	RVSSO, SSP
640 Lee, Kyung Wh	*0101	*0408		*0501	*0603	*010101	*0103			P-SBT
6649 Lim, Young Ae	*01	*04	++							P-SSP
274 Lo, Raymundo	*01	*04	++	*05	*06					SSP
731 Loewenthal, R	*010101	*040801		*0501	*06					SBT, SSO
759 Lopez-Cepero	*0101/05/07+	*0405/08/74+		*0501	*0603/28/31	*0101/04/05	*0103	*0401/*2402	*1001	RVSSO
23 Mah, Helen	*0101	*0408	*0101/03/06	*050101	*0603	*0101/04/05	*0103			SSO, SSP
8029 Mani, Rama	*01	*04	++							SSP
206 McAlack-Bala	*01	*04	*01	*0501	*06					RVSSOP
9916 McIntyre, Joh	*010101	*040801	*0103	*0501	*0603					SSP, SBT
794 Merenmies, Ju	*01:01/22	*04:08	*01:03	*05:01	*06:03			*04:01	*10:01	SBT, SSO, SSP
8042 Muncher, Lior	*0101	*0408		*0501	*0603					
8065 Padua, Flore	*01	*04	*01	*05	*06					SSP
3648 Pereira, Noem	*010101	*040801		*0501	*0603/28					RSSO, SSP, SBT
3966 Permpikul&Ve	*0101	*0408	*0103	*0501	*0603					P-SSP

B-CELL LINE TER-438

CTR DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
2400 Phelan, Donna	*0101	*0408	*01	*0501	*0603					RSSO, SBT, SSP
3753 Reed, Elaine	*0101/08/22	*0408/19	*0103	*0501	*0603	*0101/04/05	*0103			SBT, SSP, SSO
3798 Reinsmoen, N	*010101	*0408	*0103	*0501	*0603	*0101	*0103	*0401	*1001	SSP, RSSO, SBT
1160 Rosen-Bronso	*01	*04	*01	*05	*06					RVSSO, SSP
793 Rubocki, Rona	*01	*04	*+	*05	*06					P-SSP
3519 Semana, Gilbe	*0101	*0408	*0103	*0501	*0603			*0401	*1001	SBT, SSP
8001 Sheikh, Magso	*0101/19	*0408	*0103	*0501	*0603					RVSSOP, SSP
735 Smith/MI	*01	*04	*0101/03/06	*0501	*0603	*0101/04/05	*0103	*0401	*1001	RVSSOP
746 Stamm, Luz	*0101	*0408	*01	*0501	*0603					RSSO, SSP, SBT
13 Tagliere, Jac	*0101	*0408	*0103	*0501	*0603					SSP
747 Tiercy, Jean-	*010101	*040801	*0103	*050101	*060301			*040101	*1001	SSO, SSP, SBT
5451 Tilanus, Marc	*010101	*040801	*01030101	*050101	*060301	*010101	*0103	*040101	*1001	SBT
4021 Trachtenberg	*01	*04	*01/*0201N	*0501	*06					RVSSOP, SSP
5462 Turner, E.V.	*0101	*0408	*0103	*0501	*0603			*0401/*2302N	*1001	SEQ, SSO, SSP
5642 Varnavidou-N	*0101	*0408	*+	*0501	*0603/28					P-SSP
3511 Zeevi, Adrian	*0101	*0408	*0103	*0501	*0603	*0101	*0103	*0401	*1001	RVSSOP, SSP

CTR DIRNAME	DR1	DR4	DR53	DQ1	DQ1X	OTH1	OTH2
4492 Charron, D.	+	+	+	+			
234 Gomez, Carmen	+	+	+	DQ5			DQ3
5195 Gomez, Carmen	+	+	+	DQ5			DQ3
910 Hahn, Amy B.	+	+	+	+		DR10	
4908 Kvam, Vonnett	+	+	+	+			
54 McAlack, Robe	+	+	+	+			
8004 Pais, Maria L	+			DQ5	DQ6	DR13, DR52	
793 Rubocki, Rona	+	+	+	+			
8063 Shai, Isaac	+	+	+		DQ6	DR13, DR10	

B-CELL LINE TER-438 (Caucasian)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*01	42%
DRB1*0101	46%
DRB1*010101	11%
DRB1*0108	1%
DRB1*01	100% TOTAL
DRB1*04	33%
DRB1*0408	56%
DRB1*040801	8%
DRB1*04	97% TOTAL

51 LABS REPORTING DRB4

DRB4*+	20%
DRB4*0103	49%
DRB4*010301	2%
DRB4*01030101	2%
DRB4*01	27%

9 SEROLOGY LABS

DR1	100%
DR4	89%
DR53	89%

69 LABS REPORTING DQB1

DQB1*05	20%
DQB1*0501	73%
DQB1*050101	7%
DQB1*05	100% TOTAL
DQB1*06	36%
DQB1*0603	57%
DQB1*060301	7%
DQB1*06	100% TOTAL

23 LABS REPORTING DQA1

DQA1*01	9%
DQA1*0101/04/05	30%
DQA1*0101	52%
DQA1*010101	9%
DQA1*01	100% TOTAL
DQA1*01	4%
DQA1*0103	96%
DQA1*01	100% TOTAL

22 LABS REPORTING DPB1

DPB1*0401+	18%
DPB1*04	5%
DPB1*0401	59%
DPB1*040101	18%
DPB1*10	5%
DPB1*1001	95%
DPB1*10	100% TOTAL

DQ1	55%
DQ5	33%
DQ6	22%

*** 52 TYPING LABS ***

A11	94%	0.958
A1	67%	0.898
A3	67%	0.865
A24	58%	1.000
A36	50%	1.000
A26	42%	0.851
A66	35%	0.958
B57	33%	0.964
A25	29%	1.000
A34	27%	1.000
A80	27%	1.000
A23	21%	1.000
A43	19%	1.000
A32	12%	1.000
B58	12%	1.000
A10	12%	0.979
A29	10%	1.000
A33	10%	1.000
B17	8%	1.000
B48	8%	1.000
A9	6%	1.000
A30	6%	1.000
A31	6%	1.000
A68	6%	1.000
B54	6%	1.000
B56	6%	1.000
B63	6%	1.000
A28	6%	0.818
6601	4%	1.000
B55	4%	1.000
B60	4%	1.000

*** 53 TYPING LABS ***

A11	100%	0.932
A3	74%	0.870
A1	53%	1.000
A24	53%	1.000
A36	53%	0.968
A80	40%	1.000
A32	36%	0.926
A30	32%	0.955
A43	30%	1.000
A31	30%	0.941
A34	15%	1.000
A74	8%	1.000
B54	8%	1.000
B48	6%	1.000
B56	6%	1.000
B60	6%	1.000
6601	6%	0.750
B52	4%	1.000
B57	4%	1.000
B82	4%	1.000
B49	4%	0.750

Methods:

- (1) - NIH std
- (2) - NIH ext
- (3) - Luminex/Flow
- (4) - Antiglobulin
- (5) - Elisa
- (6) - Other

*** 53 LABORATORIES REPLIED ***

***** SERUM NO. 1017 ***** SERUM NO. 1018 *****

	%	%	A		%	%	A		METHOD
	POS	8'S	1		POS	8'S	1		
Claas, F.H.J.	57	0	+	A3, A10, B17	20	86	+		(1)
Dunckley, Hea	17	91	+		16	92	+		(1)
Esteves Kond	30	94	+		16	46	+		(1)
Hogan, Patric	12	29	+		13	88	+		(1)
Permpikul &	56	97	+		58	100	+	A3	(1)
Suciu-Foca, N	25	100	+		17	100	+		(1)

***** SERUM NO.1017 ***** SERUM NO.1018 *****

*** 6 TYPING LABS ***

A11 100% 0.903
 B17 17% 1.000
 A10 17% 0.952
 A3 17% 0.875

*** 6 TYPING LABS ***

A11 100% 0.897
 A3 17% 1.000

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1017 ***** SERUM NO. 1018 *****

	%	%	A		%	%	A		METHOD
	POS	8'S	1		POS	8'S	1		
Dunn, Paul Dr	14	100	+		18	100	+	A3	(2)
Lardy, N.M. D	22	89	+		18	89	+		(2)
Pidwell/Aska	51	80	+	A3, 6601, A25, A26, A33, B57, B58	14	100	+	6601, 6602	(2)

***** SERUM NO.1017 ***** SERUM NO.1018 *****

*** 3 TYPING LABS ***

A11 100% 1.000
 6601 33% 1.000
 A25 33% 1.000
 A33 33% 1.000
 B57 33% 1.000
 B58 33% 1.000
 A3 33% 0.714
 A26 33% 0.600

*** 3 TYPING LABS ***

A11 100% 1.000
 6602 33% 1.000
 A3 33% 1.000
 6601 33% 0.500

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: NIH-ext

		SERUM NO. 1017										SERUM NO. 1018										METHOD		
%	%	A	A	A	A	A	B	A	A			%	%	A	A	A	A	A	A	A				
POS	8'S	1	1	3	4	6	0	6	7	6	5	POS	8'S	1	3	4	1	6	2	0	1	0	3	
Abbal, Michel	???	???	+	+		+	+	+	+	+	+	A34, A43	???	???	+	+	+	+	+	+	+	+	A34	(L-3)
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+	+	A23, A68, A69	???	???	+	+	+	+	+	+	+	+	6601, A34	(L-3)
Alvarez & Ca	30	100	+	+							+	A23, A30	16	50	+	+								(F-3)
Baker, Judy	98	???	+	+	+	+	+	+	+	+	+	A34	67	???	+	+	+	+	+	+	+	+		(L-3)
Berka, Noured	100	???	+	+	+	+	+	+	+	+	+	B63	14	???	+	+	+	+	+	+	+	+		(L-3)
Cecka, J. Mich	98	100	+	+	+	+					+	A23, A29, A30>	???	56	+	+	+	+	+	+	+	+	A34, A66	(L-3)
Charlton, Ron	100	???	+	+	+	+				+	+	B58	76	???	+	+	+	+	+	+	+	+		(L-3)
Cohen, JHM Pr	93	???	+	+	+	+	+			+		A43	65	???	+	+	+	+	+	+	+	+		(L-3)
Dunn, Paul Dr	???	???	+	+	+	+	+	+			+	A23, A43, A32	???	???	+	+	+	+	+	+	+	+	+	(L-3)
Eckels/CPMC,	99	???	+	+						+	+	A10, A19, A23>	76	???	+	+	+	+	+	+	+	+	2403, A34	(LF-3)
Elkhalifa MD	???	100	+	+	+	+					+	A34, B17, A10>	???	100	+	+	+	+	+	+	+	+		(L-3)
Esteves-Kond	100	40	+	+	+	+				+	+	A23, A33, A29	75	20	+	+	+	+	+	+	+	+	A74	(F-3)
Gandhi & Gen	42	???	+	+	+	+	+			+	+	A34, A43	18	???	+	+	+	+	+	+	+	+		(L-3)
Gautreaux, Mi	100	???	+	+	+	+	+			+	+	A43	50	???	+	+	+	+	+	+	+	+		(L-3)
Hahn, Amy B.	43	???	+	+	+	+	+	+	+	+	+	A23, B53, B63	18	???	+	+	+	+	+	+	+	+		(L-3)
Hamdi, Nuha D	93	100	+	+	+	+						A32, A29, A68, B8	42	100	+	+							B71, B82, B49>	(L-3)
Han, Hoon Dr	???	???	+	+	+					+	+	A23, A32	64	???	+	+	+	+	+	+	+	+		(L-3)
Harville, Ter	???	???	+	+						+	+	B58, A43	???	???	+	+	+	+	+	+	+	+		(L-3)
Hogan, Patric	39	???	+	+	+	+	+	+	+	+	+	B58, A34	13	???	+	+	+	+	+	+	+	+	CW7, A74	(L-3)
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+	A43	???	???	+	+	+	+	+	+	+	+		(L-3)
Ichikawa MD,	73	???	+	+	+	+				+		A31, A33, A68	8	???	+									(L-3)
Klein, Tirza	94	100	+	+	+	+						A23, B54, B55>	60	100	+	+	+	+					B54, B56, B75>	(L-3)
Leech MD, Ste	???	???	+	+	+	+				+	+	A34, B53	???	???	+	+	+	+	+	+	+	+	CW7	(F-3)
MacCann, Eile	100	???	+	+	+	+						A43, A10, A32>	76	???	+	+	+	+	+	+	+	+	A74	(L-3)
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		(L-3)
McAlack, Robe	42	100	+	+	+	+	+				+	A23, B17, A10	16	100	+	+	+	+	+	+	+	+		(L-3)
McAlack-Bala	62	100	+	+	+	+				+	+	A43, B81, B48>	75	100	+	+	+	+	+	+	+	+		(L-3)
McCluskey, Ja	34	???	+	+	+	+				+	+	2403, B58, 6601>	8	???	+	+	+	+				+	2403, 8001, CW7	(L-3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+		(L-3)
Pais, Maria L	23	???	+	+	+	+	+	+	+	+	+	A34	8	???	+	+	+	+	+	+	+	+		(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	A43, B58	???	???	+	+	+	+	+	+	+	+		(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	A43	???	???	+	+	+	+	+	+	+	+	A23	(L-3)
Phelan, Donna	43	???	+	+	+	+	+	+	+	+	+	1CREG, A9, A10>	17	???	+	+	+	+	+	+	+	+	1CREG, A34	(L-3)
Pidwell/Aska	96	100	+	+	+	+	+	+	+	+	+	A31, B58, A43	78	100	+	+	+	+	+	+	+	+	A74	(F-3)
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	2403, A43, A34	???	???	+	+	+	+	+	+	+	+	2403	(L-3)
Rosen-Bronso	???	100	+	+	+	+				+	+	A9, A23, A34	???	100	+	+	+	+	+	+	+	+	A34, A66, A74	(L-3)
Sage, Deborah	96	???	+	+	+	+						A9, A10, A29, A30>	92	???	+	+	+	+	+	+	+	+	A34, 6601, A74	(L-3)
Sinnott & Gu	???	???	+	+	+	+				+	+	A23, A29, A30>	???	???	+	+	+	+	+	+	+	+	A34	(L-3)
Smith/MI,	95	???	+	+	+	+	+	+	+	+	+	6601, A34	75	???	+	+	+	+	+	+	+	+		(L-3)
Suciu-Foca, N	???	???	+	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+		(L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+		(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1017 ***** SERUM NO.1018 *****

*** 41 TYPING LABS ***

A11	95%	1.000
A1	93%	0.962
A3	90%	0.972
A24	88%	1.000
A36	78%	1.000
A80	56%	1.000
A26	56%	0.941
B57	49%	1.000
A66	44%	0.955
A25	37%	1.000
A34	34%	1.000
A23	32%	1.000
A43	32%	1.000
A10	15%	1.000
A32	15%	1.000
B58	15%	1.000
A29	12%	1.000
A31	12%	1.000
A30	10%	1.000
2403	7%	1.000
6601	7%	1.000
A9	7%	1.000
A33	7%	1.000
A68	7%	1.000
A19	5%	1.000
A28	5%	1.000
B17	5%	1.000
B48	5%	1.000
B53	5%	1.000
B63	5%	1.000

*** 41 TYPING LABS ***

A11	100%	1.000
A3	98%	1.000
A24	93%	0.972
A1	93%	0.961
A36	88%	0.977
A32	71%	0.950
A80	66%	1.000
A30	61%	0.971
A31	61%	0.963
A43	56%	1.000
A34	20%	1.000
A74	15%	1.000
2403	7%	1.000
CW7	7%	1.000
6601	5%	1.000
A66	5%	1.000

*** 41 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Luminex/Flow

***** SERUM NO. 1017 ***** SERUM NO. 1018 *****

	% POS 8'S		SERUM NO. 1017						SERUM NO. 1018				METHOD	
	1	3	A 1	A 3	B 6	A 7	B 3	B 6	% POS 8'S	A 1	A 3	A 6		A 1
Cecka, J. Mich	55	100	+	+	+	+	+	B58	17	10	+			(4)
Dunn, Dale Dr	23	75	+		+			B38, B46	20	92	+		B46	(4)
Eckels/CPMC,	92	???						MULTI	53	???	+	+	A34	(4)
Hahn, Amy B.	73	100	+	+	+	+	+	A28	46	100	+	+	B8	(4)
Klein, Jon MD	NT								52	???	+	+		(4)
Mah, Helen	52	67	+		+		+	B50	18	100	+			(4)
Smith/MI,	88	???	+	+	+	+	+	A24, A66, A25	36	???	+	+	+	(4)
Suciu-Foca, N	50	40	+	+		+		A10, A9	20	100	+	+	+	(4)

***** SERUM NO.1017 ***** SERUM NO.1018 *****

*** 7 TYPING LABS ***

A11	86%	1.000
A1	57%	0.857
A26	57%	0.800
A3	57%	0.794
A36	43%	1.000
B57	43%	0.917
B63	29%	1.000
A24	14%	1.000
A25	14%	1.000
A66	14%	1.000
B46	14%	1.000
B50	14%	1.000
B58	14%	1.000
MULTI	14%	1.000
A9	14%	0.889
A10	14%	0.889
A28	14%	0.500
B38	14%	0.200

*** 8 TYPING LABS ***

A11	100%	0.904
A3	63%	0.786
A36	25%	1.000
A1	25%	0.800
A34	13%	1.000
B8	13%	1.000
B46	13%	1.000

*** 8 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Antiglobulin

***** SERUM NO. 1017 ***** SERUM NO. 1018 *****

	%	%	A	A	A	A	A	A	A	B	B		%	%	A	A	A		METHOD	
	POS	8'S	6	3	3	2	2	1	2	2	5	5	POS	8'S	1	2	3	0	1	
Choo, Yoon MD	93	100	+	+	+	+	+	+	+	+		A33, A1	38	50	+	+	+	+	A33	(5)
Esteves-Kond	89	82	+	+	+	+	+					A1, A68, A33, A36	30	55	+	+				(5)
Hahn, Amy B.	28	???	+	+	+			+	+	+	+	B58, B38	5	???	+	+	+	+	A36	(5)
McAlack, Robe	48	100	+		+	+	+	+	+		+	A3	11	50	+	+	+			(5)
Sullivan, Kar	85	???	+	+	+	+				+		BW4	20	???	+					(5)

***** SERUM NO.1017 ***** SERUM NO.1018 *****

*** 5 TYPING LABS ***

A66	100%	1.000
A11	80%	1.000
A23	80%	1.000
A24	80%	1.000
A32	80%	1.000
A34	80%	1.000
A25	60%	1.000
A26	60%	1.000
A33	40%	1.000
B53	40%	1.000
B57	40%	1.000
A1	40%	0.917
A3	20%	1.000
A36	20%	1.000
A68	20%	1.000
BW4	20%	1.000
B38	20%	1.000
B58	20%	1.000

*** 5 TYPING LABS ***

A11	100%	1.000
A24	80%	0.833
A3	60%	0.833
A1	40%	1.000
A80	40%	1.000
A33	20%	1.000
A36	20%	1.000

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Elisa

	SERUM NO. 1019										SERUM NO. 1020										METHOD
	%	%	A 1	A 3	A 5	A 6	A 4	A 1	A 6	A 6	A 3	A 0	A 6	A 4	A 5	A 8	A 4	A 4			
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A30	(3)	
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A1, A36, A34, A33	(3)	
Alvarez & Ca	25	100	+	+	+	+	+	+	+	+	+	20	100	+	+	+	+	+		(3)	
Baker, Judy	73	???	+	+	+	+	+	+	+	+	+	84	???	+	+	+	+	+	A30	(3)	
Berka, Noured	16	???	+	+	+	+	+	+	+	+	+	20	???	+	+	+	+	+	B35	(3)	
Cecka, J. Mich	50	201	+	+	+	+	+	+	+	+	+	29	25	+	+	+	+	+		(4)	
Charlton, Ron	92	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	B7, B27, B42	(3)	
Choo, Yoon MD	40	50	+	+	+	+	+	+	+	+	+	55	17	+	+	+	+	+	A33, B64, A34>	(5)	
Claas, F.H.J.	26	0	+	+	+	+	+	+	+	+	+	82	0	+	+	+	+	+	A10, A74, B40>	(6)	
Cohen, JHM Pr	73	???	+	+	+	+	+	+	+	+	+	65	???	+	+	+	+	+		(3)	
Dunckley, Hea	22	92	+	+	+	+	+	+	+	+	+	35	67	+	+	+	+	+	A34, A1	(1)	
Dunk, Arthur	22	92	+	+	+	+	+	+	+	+	+	28	8	+	+	+	+	+	A36, A34, B50	(6)	
Dunn, Dale Dr	20	92	+	+	+	+	+	+	+	+	+	22	42	+	+	+	+	+	B46	(4)	
Dunn, Paul Dr	30	100	+	+	+	+	+	+	+	+	+	30	100	+	+	+	+	+		(2)	
Eckels/CPMC	67	???	+	+	+	+	+	+	+	+	+	77	???	+	+	+	+	+	A34, A74	(4)	
Elkhalifa MD	???	100	+	+	+	+	+	+	+	+	+	???	100	+	+	+	+	+	A36, A74, A33>	(4)	
Esteves Kond	27	100	+	+	+	+	+	+	+	+	+	6	67	+	+	+	+	+	A10, B40, A19>	(3)	
Esteves-Kond	75	20	+	+	+	+	+	+	+	+	+	94	25	+	+	+	+	+		(1)	
Gandhi & Gen	22	???	+	+	+	+	+	+	+	+	+	57	???	+	+	+	+	+	A1, A23, A24, A29>	(3)	
Gautreaux, Mi	66	???	+	+	+	+	+	+	+	+	+	48	???	+	+	+	+	+		(3)	
Gideon, Osna	76	100	+	+	+	+	+	+	+	+	+	98	100	+	+	+	+	+	B42, B62, B18, B7>	(3)	
Hahn, Amy B.	54	100	+	+	+	+	+	+	+	+	+	39	100	+	+	+	+	+	B56, B41, A30>	()	
Hamdi, Nuha D	58	100	+	+	+	+	+	+	+	+	+	62	100	+	+	+	+	+		(4)	
Han, Hoon Dr	55	???	+	+	+	+	+	+	+	+	+	35	???	+	+	+	+	+	A30, B7, B65, A31>	(3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A30, A31, A36	(3)	
Hogan, Patric	15	88	+	+	+	+	+	+	+	+	+	12	29	+	+	+	+	+	A30, B75	(3)	
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+		(1)	
Ichikawa MD,	49	???	+	+	+	+	+	+	+	+	+	59	???	+	+	+	+	+	6601	(3)	
Klein, Jon MD	47	???	+	+	+	+	+	+	+	+	+	69	???	+	+	+	+	+		(3)	
Klein, Tirza	70	100	+	+	+	+	+	+	+	+	+	84	100	+	+	+	+	+	B62, B61, B7, B75>	(3)	
Lardy, N.M. D	33	100	+	+	+	+	+	+	+	+	+	24	78	+	+	+	+	+	A34	(4)	
Leech MD, Ste	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	B54, B55, B61>	(3)	
Loewenthal M	94	100	+	+	+	+	+	+	+	+	+	98	100	+	+	+	+	+		(2)	
MacCann, Eile	92	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	B7, B82, B42, B18	(3)	
Mah, Helen	30	67	+	+	+	+	+	+	+	+	+	28	33	+	+	+	+	+	B54, A36, B55>	()	
McAlack, Robe	18	100	+	+	+	+	+	+	+	+	+	36	100	+	+	+	+	+	A10, A80, A9, A1>	(3)	
McAlack-Bala	75	100	+	+	+	+	+	+	+	+	+	48	100	+	+	+	+	+	B35	(4)	
McCluskey, Ja	12	100	+	+	+	+	+	+	+	+	+	67	???	+	+	+	+	+	A34, B55, B61>	(3)	
Meyer, Pieter	62	???	+	+	+	+	+	+	+	+	+	24	78	+	+	+	+	+		(2)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	B7, B82, B42, B18	(3)	
Pais, Maria L	5	???	+	+	+	+	+	+	+	+	+	11	???	+	+	+	+	+	B54, A36, B55>	()	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A10, A80, A9, A1>	(3)	
Permpikul &	61	100	+	+	+	+	+	+	+	+	+	61	100	+	+	+	+	+	A30, A29, B7, A31>	()	
Phelan, Donna	26	???	+	+	+	+	+	+	+	+	+	69	???	+	+	+	+	+		(3)	
Pidwell/Aska	9	100	+	+	+	+	+	+	+	+	+	17	100	+	+	+	+	+	6601, B35	(3)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+		(3)	
Rosen-Bronso	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A30, A31, A34>	(3)	
Sage, Deborah	98	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	A1, A10, A34, A19>	(3)	
Sinnott & Gu	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A1, A34, A29, A30>	(3)	
Smith/MI,	67	???	+	+	+	+	+	+	+	+	+	84	???	+	+	+	+	+	A2, A34	(3)	
Suciu-Foca, N	42	60	+	+	+	+	+	+	+	+	+	20	50	+	+	+	+	+	A1, A29, A30, A31>	(3)	
Sullivan, Kar	58	???	+	+	+	+	+	+	+	+	+	80	???	+	+	+	+	+		(4)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	A30, B75	(4)	

*** 53 TYPING LABS ***

A11	98%	0.990
A25	64%	0.963
A3	64%	0.814
A26	62%	0.986
A24	62%	0.870
A1	55%	0.877
A36	51%	0.909
A66	49%	0.851
A43	40%	1.000
A80	28%	0.938
A34	19%	1.000
6601	13%	1.000
A2	9%	1.000
B56	8%	1.000
B60	8%	1.000
B54	6%	1.000
A10	4%	1.000
B41	4%	1.000
B48	4%	1.000
B52	4%	1.000
B55	4%	1.000
B65	4%	1.000

*** 53 TYPING LABS ***

A11	98%	0.885
A26	70%	0.872
A25	51%	1.000
A66	47%	0.900
A3	42%	0.895
B60	34%	1.000
B48	30%	1.000
A43	28%	1.000
B45	28%	1.000
B81	28%	1.000
A30	26%	1.000
A34	26%	0.786
A36	21%	0.923
A1	21%	0.689
A29	15%	1.000
A31	13%	0.800
B7	11%	1.000
A10	9%	1.000
A33	9%	1.000
B75	9%	1.000
A80	8%	1.000
B42	8%	1.000
B35	8%	0.900
A19	6%	1.000
B40	6%	1.000
B62	6%	0.875
6601	6%	0.750
A24	6%	0.750
B61	6%	0.625
A32	4%	1.000
B18	4%	1.000
B41	4%	1.000
B52	4%	1.000
B54	4%	1.000
B55	4%	1.000
B65	4%	1.000
A74	4%	0.889
B27	4%	0.750

Methods:

- (1) - NIH std
- (2) - NIH ext
- (3) - Luminex/Flow
- (4) - Antiglobulin
- (5) - Elisa
- (6) - Other

*** 53 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: All

***** SERUM NO. 1019 ***** SERUM NO. 1020 *****

	A			A25,A26,A66		A A A			A10,A74,B40,B44	METHOD	
	%	%	1			1	3	2			
	POS	8'S	1	3		POS	8'S	1	4	6	
Claas,F.H.J.	26	0	+			82	0	+			(1)
Dunckley,Hea	22	92	+			35	67	+	+	+	(1)
Esteves Kond	27	100	+			6	67	+			(1)
Hogan,Patric	15	88	+	+		12	29	+			(1)
Permpikul &	61	100	+		B40	61	100	+	+	+	(1)
Suciu-Foca,N	42	60	+	+		20	50	+			(1)

***** SERUM NO.1019 ***** SERUM NO.1020 *****

*** 6 TYPING LABS ***

A11	100%	1.000
A3	33%	0.474
A25	17%	1.000
A26	17%	0.857
B40	17%	0.750
A66	17%	0.500

*** 6 TYPING LABS ***

A11	100%	0.763
A26	33%	0.857
A34	33%	0.571
A10	17%	1.000
B40	17%	1.000
B44	17%	0.900
A74	17%	0.875
A1	17%	0.389
A66	17%	0.333

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1019 ***** SERUM NO. 1020 *****

	A			A26,A25		A A			6601	METHOD
	%	%	1			2	1			
	POS	8'S	1	1		POS	8'S	6	1	
Dunn,Paul Dr	30	100	+			30	100	+	+	(2)
Lardy,N.M. D	33	100	+			24	78	+	+	(2)
Pidwell/Aska	9	100	+			17	100	+	+	(2)

***** SERUM NO.1019 ***** SERUM NO.1020 *****

*** 3 TYPING LABS ***

A11	100%	1.000
A25	33%	1.000
A26	33%	1.000

*** 3 TYPING LABS ***

A11	100%	1.000
A26	100%	0.625
6601	33%	0.500

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: NIH-ext

	SERUM NO. 1019										SERUM NO. 1020										METHOD			
	% POS	% 8'S	A 1	A 3	A 4	A 6	A 1	A 5	A 6	A 3	A 6	A 8	A 1	A 5	A 6	A 6	A 3	B 8	B 6	A 4		B 4	B 4	
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A30	(L-3)
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A1, A36, A34, A33	(L-3)
Alvarez & Ca	25	100	+	+	+	+	+	+	+	+	+	20	100	+	+	+	+	+	+	+	+	+	(F-3)	
Baker, Judy	73	???	+	+	+	+	+	+	+	+	+	84	???	+	+	+	+	+	+	+	+	+	A30	(L-3)
Berka, Noured	16	???	+	+	+	+	+	+	+	+	+	20	???	+	+	+	+	+	+	+	+	+	B35	(L-3)
Cecka, J. Mich	???	100	+	+	+	+	+	+	+	+	+	89	100	+	+	+	+	+	+	+	+	+	BW6, A30, A31>	(L-3)
Charlton, Ron	92	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+	+	+	+	B7, B27, B42	(L-3)
Cohen, JHM Pr	73	???	+	+	+	+	+	+	+	+	+	65	???	+	+	+	+	+	+	+	+	+	(L-3)	
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B35	(L-3)
Eckels/CPMC,	92	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+	+	+	+	A1, A10, A19, A29	(LF-3)
Elkhalifa MD	???	100	+	+	+	+	+	+	+	+	+	???	100	+	+	+	+	+	+	+	+	+	A10, B40, A19>	(L-3)
Esteves-Kond	75	20	+	+	+	+	+	+	+	+	+	94	25	+	+	+	+	+	+	+	+	+	A1, A23, A24, A29>	(F-3)
Gandhi & Gen	22	???	+	+	+	+	+	+	+	+	+	57	???	+	+	+	+	+	+	+	+	+	(L-3)	
Gautreaux, Mi	66	???	+	+	+	+	+	+	+	+	+	48	???	+	+	+	+	+	+	+	+	+	B42, B62, B18, B7>	(L-3)
Hahn, Amy B.	32	???	+	+	+	+	+	+	+	+	+	57	???	+	+	+	+	+	+	+	+	+	B35	(L-3)
Hamdi, Nuha D	58	100	+	+	+	+	+	+	+	+	+	62	100	+	+	+	+	+	+	+	+	+	A30, B7, B65, A31>	(L-3)
Han, Hoon Dr	55	???	+	+	+	+	+	+	+	+	+	35	???	+	+	+	+	+	+	+	+	+	A30, A31, A36	(L-3)
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A30, B75	(L-3)
Hogan, Patric	23	???	+	+	+	+	+	+	+	+	+	46	???	+	+	+	+	+	+	+	+	+	B7, B82, B27, B42>	(L-3)
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	(L-3)	
Ichikawa MD,	49	???	+	+	+	+	+	+	+	+	+	59	???	+	+	+	+	+	+	+	+	+	B62, B61, B7, B75>	(L-3)
Klein, Tirza	70	100	+	+	+	+	+	+	+	+	+	84	100	+	+	+	+	+	+	+	+	+	B54, B55, B61>	(L-3)
Leech MD, Ste	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B7, B82, B42, B18	(F-3)
MacCann, Eile	92	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+	+	+	+	A10, A80, A9, A1>	(L-3)
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B35, B18, B7, B72>	(L-3)
McAlack, Robe	18	100	+	+	+	+	+	+	+	+	+	36	100	+	+	+	+	+	+	+	+	+	A34, B40	(L-3)
McAlack-Bala	75	100	+	+	+	+	+	+	+	+	+	95	100	+	+	+	+	+	+	+	+	+	A24, A1, A36, B57>	(L-3)
McCluskey, Ja	31	???	+	+	+	+	+	+	+	+	+	17	???	+	+	+	+	+	+	+	+	+	6601, 2403, A24>	(L-3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	6601, B35	(L-3)
Pais, Maria L	5	???	+	+	+	+	+	+	+	+	+	11	???	+	+	+	+	+	+	+	+	+	(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	(L-3)	
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A30, A31, A1, A36>	(L-3)
Phelan, Donna	20	???	+	+	+	+	+	+	+	+	+	42	???	+	+	+	+	+	+	+	+	+	1CREG, A1, A10>	(L-3)
Pidwell/Aska	78	100	+	+	+	+	+	+	+	+	+	96	100	+	+	+	+	+	+	+	+	+	8101, B35, B75>	(F-3)
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A30, A31, A34>	(L-3)
Rosen-Bronso	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A1, A10, A34, A19>	(L-3)
Sage, Deborah	98	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+	+	+	+	A1, A34, A29, A30>	(L-3)
Sinnott & Gu	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A1, A29, A30, A31>	(L-3)
Smith/MI,	78	???	+	+	+	+	+	+	+	+	+	84	???	+	+	+	+	+	+	+	+	+	6601, A30	(L-3)
Suciu-Foca, N	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B35, B75	(L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A30	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1019 ***** SERUM NO.1020 *****

*** 41 TYPING LABS ***

A11	100%	1.000
A24	95%	0.987
A3	95%	0.970
A26	88%	1.000
A1	88%	0.927
A25	83%	1.000
A36	78%	1.000
A43	68%	1.000
A66	63%	0.933
A80	56%	1.000
A34	24%	1.000
6601	22%	1.000
A2	12%	1.000
2403	5%	1.000
A10	5%	1.000
B55	5%	1.000
B56	5%	1.000

*** 41 TYPING LABS ***

A11	100%	1.000
A25	76%	1.000
A26	73%	1.000
A66	61%	0.951
A3	56%	0.929
B81	51%	1.000
A43	49%	1.000
B60	49%	1.000
B48	46%	1.000
B45	41%	1.000
A30	34%	1.000
A1	24%	0.828
A29	20%	1.000
A31	20%	1.000
B35	20%	1.000
A36	20%	0.900
A34	17%	1.000
B7	17%	1.000
B75	15%	1.000
A10	12%	1.000
B18	12%	1.000
B42	12%	1.000
A19	10%	1.000
A80	10%	1.000
B62	10%	0.889
A24	10%	0.846
6601	7%	1.000
B27	7%	0.800
B61	7%	0.625
A33	5%	1.000
B40	5%	1.000
B82	5%	1.000

*** 41 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Luminex/Flow

***** SERUM NO. 1019 ***** SERUM NO. 1020 *****

	% POS 8'S		A A A A A A A								% POS 8'S		A A A A A							METHOD
	1	2	1	2	6	2	3	3	2	A	A	1	6	6	5	4	3			
Cecka, J. Mich	50	201	+		+						+	+						(4)		
Dunn, Dale Dr	20	92	+	+													B46	(4)		
Eckels/CPMC,	67	???	+	+		+	+	+	+								A74	(4)		
Hahn, Amy B.	54	100	+			+	+										B50, B27, A29	(4)		
Klein, Jon MD	47	???	+	+	+	+			+									(4)		
Mah, Helen	30	67	+	+	+													(4)		
Smith/MI,	67	???	+	+	+	+	+	+	+	+	+	+	+	+				(4)		
Suciu-Foca, N	20	50	+								+	+					A10	(4)		

***** SERUM NO.1019 ***** SERUM NO.1020 *****

*** 8 TYPING LABS ***

A11	100%	0.971
A25	63%	0.818
A26	50%	1.000
A66	50%	0.800
A34	38%	1.000
A1	38%	0.824
A36	38%	0.667
A24	38%	0.611
A3	25%	0.900
A29	13%	1.000
A74	13%	1.000
B46	13%	1.000
B50	13%	1.000
A10	13%	0.750
B27	13%	0.667

*** 8 TYPING LABS ***

A11	100%	0.914
A26	88%	0.845
A25	38%	1.000
A66	38%	0.750
A3	25%	0.667
A34	25%	0.500
A30	13%	1.000
A32	13%	1.000
A33	13%	1.000
A36	13%	1.000
A74	13%	1.000
B45	13%	1.000
B47	13%	1.000
B48	13%	1.000
B60	13%	1.000
B75	13%	1.000
B35	13%	0.857
A10	13%	0.750

*** 8 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Antiglobulin

***** SERUM NO. 1019 ***** SERUM NO. 1020 *****

	SERUM NO. 1019										SERUM NO. 1020										METHOD				
	%	%	A	A	A	A	A	A	A	A	%	%	A	A	A	A	B	B	A	A					
	POS	8'S	2	6	2	1	3	8	A	2	A	POS	8'S	6	5	1	6	1	8	4	3	3	A		
Choo, Yoon MD	40	50	+	+	+	+	+	+	+			55	17	+	+	+					+	+		B64, A24, A31	(5)
Esteves-Kond	55	18	+	+	+	+	+				B41	30	0	+		+									(5)
Hahn, Amy B.	5	???	+	+	+	+	+	+	+	+		5	???	+	+	+	+	+	+				+	B59, B62, B41	(5)
McAlack, Robe	10	50	+	+		+				+		26	0	+	+	+	+	+	+					B60, B72	(5)
Sullivan, Kar	58	???	+		+						A23, A32, BW4	80	???		+		+				+	+	+	A3, A29, A36, A80	(5)

***** SERUM NO. 1019 ***** SERUM NO. 1020 *****

*** 5 TYPING LABS ***

A25	100%	1.000
A11	80%	1.000
A66	80%	1.000
A24	80%	0.727
A36	60%	0.800
A1	40%	1.000
A26	40%	1.000
A3	40%	0.667
A80	40%	0.667
A23	20%	1.000
A32	20%	1.000
BW4	20%	1.000
B41	20%	1.000

*** 5 TYPING LABS ***

A25	80%	1.000
A11	80%	0.950
A66	80%	0.889
A26	60%	1.000
A1	40%	1.000
A33	40%	1.000
B48	40%	1.000
B81	40%	1.000
A34	40%	0.750
A3	20%	1.000
A29	20%	1.000
A36	20%	1.000
A80	20%	1.000
B41	20%	1.000
B59	20%	1.000
B60	20%	1.000
B62	20%	1.000
B64	20%	1.000
B72	20%	1.000
A24	20%	0.333
A31	20%	0.333

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 9 2010 *****

Method: Elisa

INVESTIGATOR	DNA EXTRACT #481 (Caucasian)							method
CTR NAME	A1	A2	B1	B2	C1	C2		
5488 Adams, Sharon	*020101/*9201	*250101/06	*380101	*157801	*030401	*120301	RVSSO, SBT	
745 Anthony Nola	*02:01:01	*25:01:01	*38:01:01	*15:78:01	*03:04:01	*12:03:01	SSO, SSP, SBT	
5133 Baker, Judy	*020101	*250101	*380101	*1578	*0304	*1203		
2020 Barnardo, Mar	*02010101/010102L	*250101	*380101	*157801	*0304	*1203		
4345 Blasczyk, Rai	*02:01:01G	*25:01:01G	*38:01	*15:78	*03:04	*12:03	PCR-SBT	
5106 Brown, Colin	*02:01	*25:01	*38:01	*15:78	*03	*12	P-RVSSOP, SBT	
785 Chan, Soh Ha	*02	*25/*26	*3801	*1578	*0304	*1203/23	SBT	
3224 Chen, Dongfen	*02:01	*25:01	*38:01	*15:78	*03:04	*12:03	SBT, RVSSO	
8021 Clark, Brenda	*020101-0104/0106+	*250101/05/07+	*3801/02/04+	*1533/78+	*0302/0401-0406+	*120301/0303+	PCR-SSP	
5219 Daniel, Dolly	*02	*25	*38	*15			PCR-SSOP	
5323 Dhaliwal, J.	*02	*25	*38	*15(B62)	*03	*12	PCR-SSP	
5891 Du, Keming	*0201	*2501	*3801	*1578	*0304	*1203	PCR-SBT	
3186 Dunckley, Hea	*02	*25	*38	*15:33/78/107/116+	*03:04-06/08-10+	*12	SSP, SSO	
3766 Dunn, Paul	*02	*25	*3801/09	*15	*03	*12	SSO, SSP	
3428 Eckels, Utah	*02	*2501/07	*3801	*1578	*0304/57	*1203/07/12	SSOP	
2332 Elkhalfifa, Mo	*02	*25	*38	*15	*03	*12		
4251 Ellis, Thomas	*0201	*2501	*3801	*1578	*0304	*1203	PCR-SSO, SEQ	
762 Fischer&Mayr	*02:01/09/43N/66+	*25:01/07	*38:01	*15:78	*03:04	*12:03/23	RSSO, SSP, SBT	
3135 Fischer, John	*02:01/01L	*25:01	*38:01	*15:78	*03:04	*12:03	PCR-SSO, SBT	
234 Gomez, Carmen	*02	*25	*38	*15	*03	*12	SSOP	
5195 Gomez, Carmen	*02	*25	*38	*15	*03	*12	SSP, SSOP	
4691 Hajeer, Ali	*02	*25	*38	*15	*03	*12	SSO	
810 Hamdi, Nuha	*02010101	*250101	*380101	*15010101	*0309	*12030101	SSO	
1461 Hidajat, Mela	*0201	*2501	*3801	*1578	*0304	*1203	SSO, SSP	
615 Holdsworth, R	*0201/09N/43N/66+	*2501/07	*3801	*1578	*0304	*1203/23	SBT	
2344 Hurley&Hartz	*02010101/010102L+	*250101/07	*380101	*157801	*03040101+	*12030101+	SBT	
748 Jaramillo, An	*02	*25	*38	*15(B62)	*03(Cw10)	*12	PCR-SSP	
797 Kato, Shunich	*0201/01L	*2501	*3801	*1578	*0304	*1203	SSO, SBT	
2847 Kihara, Masaa	*02	*25	*38	*15	*03	*12	RVSSO	
5096 Koh, Eun-mi	*02	*25	*38	*15			PCR-SSO	
87 Land, Geoff	*0201	*2501	*3801	*1578	*0304	*1203	SSO, SSP, SBT	
278 Lee, Jar-How	*0201/*9211/19/21+	*2501/07	*3801/09	*1578	*0304	*1203	SSP, RVSSOP	
640 Lee, Kyung Wh	*02:01/06/25/90+	*25:01/03/05/06+	*38:01	*15:78	*03:04	*12:03	PCR-SBT	
1108 Linke, Robert	*02	*25	*38	*15	*03	*12	SSO	
9916 McIntyre, Joh	*020101	*250101	*380101	*157801	*0304/78	*1203/23/25/29+	SBT, SSP	
8042 Muncher, Lior	*02	*25	*38	*15	*03	*12	SSOP, SSP	
8022 Olerup, Olle	*02:01	*25:01	*38:01	*15:78	*03:04	*12:03	SSP	
8065 Padua, Florec	*02	*25	*38	*15(B62)			SSP	
3648 Pereira, Noem	*0201//*0225	*2501//*2509	*3801	*1578	*0304	*1203	RSSO, SSP, SBT	
3966 Permpikul&Ve	NT							
2400 Phelan, Donna	*0201	*2501	*3801	*1578	*0304	*1203	RSSO, SBT, SSP	
3753 Reed, Elaine	*0201/06/25/81/90+	*2501/05/06/09+	*3801	*1578	*0304	*1203	SBT	
3625 Rees, Tracey	*02	*25	*38	*15:33/78/116/141	*03(Cw10)	*12	PCR-SSP	
3798 Reinsmoen, N	*020101/01L	*250101	*380101	*157801	*030401	*120301	SSP, RSSO, SBT	
1694 Sauer&Gottwa	*02	*25	*38	*15	*03	*12	SSP	
3545 Scornik, Juan	*0201	*2501	*3801	*1578	*0304	*1203	SSOP, SBT	
735 Smith, MI	*0201	*2501	*3801	*1578	*0304	*1203/23	SEQ, RSSO, SSP	
13 Tagliere, Jac	*02:01	*25:01	*38:01	*15:78	*03:04	*12:03	SSP	
4021 Trachtenberg	*02	*25	*38	*15	*03	*12	RVSSO, SSP	
5462 Turner, E.V.	*02:01	*25:01	*38:01	*15:78	*03:04	*12:03	SEQ, SSO, SSP	
789 Walter Reed	*02	*25	*38	*15	*03	*12	SSP	

INVESTIGATOR		DNA EXTRACT #482 (Caucasian/Black)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*030101	*330301	*0702/61	*9507	*010201/17	*070201/39/50	RVSSO, SBT
745	Anthony Nola	*03:01:01	*33:03:01	*07:02	*15:107	*01:02:01	*07:02:01	SSO, SSP, SBT
5133	Baker, Judy	*030101	*330301	*0702/61	*9507	*0102	*0702/50	
2020	Barnardo, Mar	*03010101	*330301	*0702/61	*9507	*0102/25// *17+	*0702/50/66/74+	
4345	Blasczyk, Rai	*03:01:01G	*33:01:01G	*07:02:01G	*15:107	*01:02:01G	*07:02:01G	PCR-SBT
5106	Brown, Colin	*03	*33	*07:02	*15:107	*01	*07	P-RVSSOP, SBT
785	Chan, Soh Ha	*03	*3303/15/25	*0702/43/44/49N+	*9507	*0102/17/22/25	*0702/37/39/50+	SBT
3224	Chen, Dongfen	*03:01	*33:03	*07:02/61	*15:107	*01:02	*07:02/50	SBT, RVSSO
8021	Clark, Brenda	*0301-04/07+	*3301/03-07+	*0702/04/10+	*1533/78+	*0102/03/06-11+	*0702/03/10+	PCR-SSP
5219	Daniel, Dolly	*03	*33	*07	*15			PCR-SSOP
5323	Dhaliwal, J.	*03	*33	*07	*15(B62)	*01	*07	PCR-SSP
5891	Du, Keming	*0301	*3303	*0702	*9507	*0102	*0702	PCR-SBT
3186	Dunckley, Hea	*03	*33	*07	*15:33/78/107/116+	*01	*07	SSP, SSO
3766	Dunn, Paul	*03	*33	*07	*1505/*9507	*01	*07	SSO, SSP
3428	Eckels/Utah	*03	*3303/14/15/20+	*07	*9507	*0102/25	*07	SSOP
2332	Elkhalifa, Mo	*02	*33	*07	*15	*01	*07	
4251	Ellis, Thomas	*0301	*3303	*0702/61	*9507	*0102	*0702/50	PCR-SSO, SEQ
762	Fischer&Mayr	*03:01/20/21N/26+	*33:03/15/25	*07:02/44/49N+	*15:107	*01:02/25	*07:02/50/66/74	RSSO, SSP, SBT
3135	Fischer, John	*03:01	*33:03	*07:02/61	*15:107	*01:02	*07:02	PCR-SSO, SBT
234	Gomez, Carmen	*03	*33	*07	*15	*01	*07	SSOP
5195	Gomez, Carmen	*03	*33	*07	*15	*01	*07	SSP, SSOP
4691	Hajeer, Ali	*03	*33	*07	*15	*01	*07	SSO
810	Hamdi, Nuha	*03010101	*3301	*070201	*1505	*010201	*07020101	SSO
1461	Hidajat, Mela	*0301	*3303	*0702	*9507	*0102	*0702	SSO, SSP
615	Holdsworth, R	*0301/01N/20/21N+	*3303/15/25	*0702/44/49N/58+	*9507	*0102/25	*0702/50/66/74	SBT
2344	Hurley&Hartz	*03010101/010102N+	*330301/0303+	*070201/0206+	*9507	*010201/0202/25	*07020101+	SBT
748	Jaramillo, An	*03	*33	*07	*15(B62)	*01	*07	PCR-SSP
797	Kato, Shunich	*0301/01N	*3303	*0702/61	*9507	*0102	*0702/50	SSO, SBT
2847	Kihara, Masaa	*03	*33	*07	*15	*01	*07	RVSSO
5096	Koh, Eun-mi	*03	*33	*07	*15			PCR-SSO
87	Land, Geoff	*0301	*3303	*0702	*9507	*0102	*0702	SSO, SSP, SBT
278	Lee, Jar-How	*0301/37/44-46	*3303	*0702	*9507	*0102	*0702/16N/62	SSP, RVSSOP
640	Lee, Kyung Wh	*03:01	*33:03	*07:02/61	*15:107	*01:02/17/22	*07:02/37/39/50	PCR-SBT
1108	Linke, Robert	*03	*33	*07	*15	*01	*07	SSO
9916	McIntyre, Joh	*030101	*330301	*0702/61	*9507	*0102/25-33	*0702/75/80/84+	SBT, SSP
8042	Muncher, Lior	*0301	*3303	*0702	*9507	*0102	*0702	SSOP, SSP
8022	Olerup, Olle	*03:01	*33:03	*07:02	*15:107	*01:02	*07:02	SSP
8065	Padua, Florec	*03	*33	*07	*15(B62)			SSP
3648	Pereira, Noem	*0301	*3303	*0702G	*9507	*0102// *0117	*0702G// *0739	RSSO, SSP, SBT
3966	Permpikul&Ve	NT						
2400	Phelan, Donna	*0301	*3303	*0702/61	*9507	*0102	*0702/50	RSSO, SBT, SSP
3753	Reed, Elaine	*0301	*3303	*0702/61	*9507	*0102/17/22	*0702/37/39/50	SBT
3625	Rees, Tracey	*03	*33	*07	*15:107	*01	*07	PCR-SSP
3798	Reinsmoen, N	*030101/01N	*330301	*0702/61	*9507	*010201	*070201/50	SSP, RSSO, SBT
1694	Sauer&Gottwa	*03	*33	*07	*15	*01	*07	SSP
3545	Scornik, Juan	*0301	*3303	*0702/61	*9507	*0102	*0702/50	SSOP, SBT
735	Smith/MI	*0301/01N	*3303	*0702/61	*9507	*0101/17/22/25	*0702/50/66/74	SEQ, RSSO, SSP
13	Tagliere, Jac	*03:01	*33:03	*07:02	*15:107	*01:02	*07:02	SSP
4021	Trachtenberg	*03	*33	*07	*15	*01	*07	RVSSO, SSP
5462	Turner, E.V.	*03:01	*33:03	*07:02/61	*15:107	*01:02	*07:02	SEQ, SSO, SSP
789	Walter Reed	*03	*33	*07	*15	*01	*07	SSP

INVESTIGATOR		DNA EXTRACT #483 (Hispanic/Filipino)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*020501	*110101	*490101	*5604	*010201/17	*07	RVSSO, SBT
745	Anthony Nola	*02:05:01	*11:01:01	*49:01:01	*56:04	*01:02:01	*07:01	SSO, SSP, SBT
5133	Baker, Judy	*0205	*110101	*4901	*5602	*0102	*0701/06/18/52	
2020	Barnardo, Mar	*020501	*110101	*490101	*5604	*0102/25//17	*0701/06/18/52+	
4345	Blasczyk, Rai	*02:05:01G	*11:01:01G	*49:01	*56:04	*01:02:01G	*07:01:01G	PCR-SBT
5106	Brown, Colin	*02:05	*11:01	*49:01	*56:04	*01	*07	P-RVSSOP, SBT
785	Chan, Soh Ha	*0205/*9279/54	*1101/04/21N/32+	*4901	*5604	*0102/17/25	*0701/06/18/40+	SBT
3224	Chen, Dongfen	*02:05	*11:01	*49:01	*56:04	*01:02	*07:01/06/18	SBT, RVSSO
8021	Clark, Brenda	*020122/02/03+	*1101/02/05-07+	*4901	*5602/04	*0102/03/06-11+	*0701/06/07+	PCR-SSP
5219	Daniel, Dolly	*02	*11	*49	*56			PCR-SSOP
5323	Dhaliwal, J.	*02	*11	*49	*56	*01	*07	PCR-SSP
5891	Du, Keming	*0205	*1101	*4901	*5604	*0102	*0701	PCR-SBT
3186	Dunckley, Hea	*02	*11	*49	*56	*01	*07	SSP, SSO
3766	Dunn, Paul	*0205/08/*9279	*11	*4901	*5602/04	*01	*07	SSO, SSP
3428	Eckels/Utah	*0205/*9279	*11	*4901	*5602/04	*0102/25	*07	SSOP
2332	Elkhalifa, Mo	*02	*11	*49	*56	*01	*07	
4251	Ellis, Thomas	*0205	*1101	*4901	*5604	*0102	*0701/06/18	PCR-SSO, SEQ
762	Fischer&Mayr	*02:05/179	*11:01/21N	*49:01	*56:04	*01:02/25	*07:01/06/18/52	RSSO, SSP, SBT
3135	Fischer, John	*02:05	*11:01	*49:01	*56:04	*01:02	*07:01/06/18	PCR-SSO, SBT
234	Gomez, Carmen	*02	*11	*4901	*56	*01	*07	SSOP
5195	Gomez, Carmen	*02	*11	*49	*56	*01	*07	SSP, SSOP
4691	Hajeer, Ali	*02	*11	*49	*56	*01	*07	SSO
810	Hamdi, Nuha	*0205	*110101	*490101	*5602	*010201	*070101	SSO
1461	Hidajat, Mela	*0205	*1101	*4901	*5604	*0102	*0701	SSO, SSP
615	Holdsworth, R	*0205/*9279	*1101/21N	*4901	*5604	*0102/25	*0701/06/18/52	SEQ, RSSO, SSP
2344	Hurley&Hartz	*020501/*9279	*110101/21N	*490101	*5604	*010201/0202/25	*070101/0102+	SBT
748	Jaramillo, An	*02	*11	*49	*56	*01	*07	PCR-SSP
797	Kato, Shunich	*0205	*1101	*4901	*5604	*0102	*0701/06/18	SSO, SBT
2847	Kihara, Masaa	*02	*11	*49	*56	*01	*07	RVSSO
5096	Koh, Eun-mi	*02	*11	*49	*56			PCR-SSO
87	Land, Geoff	*0205	*1101	*4901	*5604	*0102	*0701	SSO, SSP, SBT
278	Lee, Jar-How	*0205/08	*1101/21N/30/32	*4901	*5604	*0102	*0701/59	SSP, RVSSOP
640	Lee, Kyung Wh	*02:05/154	*11:01/04	*49:01	*56:04	*01:02/17	*07:01/18/40	PCR-SBT
1108	Linke, Robert	*02	*11	*49	*56	*01	*07	SSO
9916	McIntyre, Joh	*020501	*110101	*490101	*5604	*0102/25-33	*0701/77/78/81+	SBT, SSP
8042	Muncher, Lior	*0205	*1101	*4901	*5604	*0102	*0701	SSOP, SSP
8022	Olerup, Olle	*02:05	*11:01	*49:01	*56:04	*01:02	*07:01	SSP
8065	Padua, Florec	*02	*11	*49	*55			SSP
3648	Pereira, Noem	*0205	*1101	*4901	*5604	*0102/**0117	*0701G/**0740	RSSO, SSP, SBT
3966	Permpikul&Ve	NT						
2400	Phelan, Donna	*0205	*1101	*4901	*5604	*0102	*0701	RSSO, SBT, SSP
3753	Reed, Elaine	*0205/*9254	*1101/04	*4901	*5604	*0102/17	*0701/06/18/40	SBT
3625	Rees, Tracey	*02	*11	*49:01	*56:02/04	*01	*07	PCR-SSP
3798	Reinsmoen, N	*020501	*110101	*490101	*5604	*010201	*0701	SSP, RSSO, SBT
1694	Sauer&Gottwa	*02	*11	*49	*56	*01	*07	SSP
3545	Scornik, Juan	*0205	*1101	*4901	*5604	*0102	*0701/06/18	SSOP, SBT
735	Smith/MI	*0205	*1101	*4901	*5604	*0102/17/25	*0701/06/18/52	SEQ, RSSO, SSP
13	Tagliere, Jac	*02:05	*11:01	*49:01	*56:04	*01:02	*07:01	SSP
4021	Trachtenberg	*02	*11	*49	*56	*01	*07	RVSSO, SSP
5462	Turner, E.V.	*02:05	*11:01	*49:01	*56:04	*01:02	*07:01	SEQ, SSO, SSP
789	Walter Reed	*02	*11	*49	*56	*01	*07	SSP

CTR	NAME	A1	A2	B1	B2	C1	C2	method
201	INVESTIGATOR	DNA EXTRACT #484 (Korean)						
5488	Adams, Sharon	*020101	*3004	*1401	*1507	*030301/20N/49	*0802/04	RVSSO, SBT
745	Anthony Nola	*02:01:01	*30:04	*14:01	*15:07	*03:03:01	*08:02:01	SSO, SSP, SBT
5133	Baker, Judy	*020101	*3004	*1401	*1507	*030301	*0802	
2020	Barnardo, Mar	*02010101/010102L	*3004	*1401	*1507	*030301	*0802	
4345	Blasczyk, Rai	*02:01:01G	*30:04	*14:01	*15:07	*03:03:01G	*08:02	PCR-SBT
5106	Brown, Colin	*02:01	*30:04	*14:01	*15:07	*03	*08	P-RVSSOP, SBT
785	Chan, Soh Ha	*02	*3004	*1401	*1507	*0303/20N/49/62	*0802/04	SBT
3224	Chen, Dongfen	*02:01	*30:04	*14:01	*15:07	*03:03:01	*08:02:01	SBT, RVSSO
8021	Clark, Brenda	*020101-0104/0106+	*300203/03/04+	*1401/07N	*150101-0104/0106+	*0303/11-13+	*0802/04/05+	PCR-SSP
5219	Daniel, Dolly	*02	*30	*14	*15			PCR-SSOP
5323	Dhaliwal, J.	*02	*30	*14(B64)	*15(B62)	*03	*08	PCR-SSP
5891	Du, Keming	*0201	*3004	*1401	*1507	*0303	*0802	PCR-SBT
3186	Dunckley, Hea	*02	*30	*14:01/04/07N	*15:07/126	*03:03/11-13/18+	*08	SSP, SSO
3766	Dunn, Paul	*02	*3004/06/29	*1401	*1507/*9526	*03	*08	SSO, SSP
3428	Eckels/Utah	*02	*3004/06	*14	*15	*0303	*0802/05/17	SSOP
2332	Elkhalifa, Mo	*02	*30	*14	*15	*03	*08	
4251	Ellis, Thomas	*0201	*3004	*1401	*1507	*0303/20N	*0802	PCR-SSO, SEQ
762	Fischer&Mayr	*02:01/09/43N/66+	*30:04	*14:01	*15:07	*03:03/62	*08:02	RSSO, SSP, SBT
3135	Fischer, John	*02:01/01L	*30:04	*14:01	*15:07	*03:03/20N	*08:02	PCR-SSO, SBT
234	Gomez, Carmen	*02	*30	*1401	*15	*03	*08	SSOP
5195	Gomez, Carmen	*02	*30	*14	*15	*03	*08	SSP, SSOP
4691	Hajeer, Ali	*02	*30	*14	*15	*03	*05/*08	SSO
810	Hamdi, Nuha	*02010101	*3004	*1401	*1507	*030301	*0802	SSO
1461	Hidajat, Mela	*0201	*3004	*1401	*1507	*0303	*0802	SSO, SSP
615	Holdsworth, R	*0201/09N/43N/66+	*3004	*1401	*1507	*0303/20N/62	*0802	SBT
2344	Hurley&Hartz	*02010101/010102L+	*3004	*1401	*1507	*030301/20N/82	*080201	SBT
748	Jaramillo, An	*02	*30	*14(B64)	*15(B62)	*03(Cw9)	*08	PCR-SSP
797	Kato, Shunich	*0201/01L	*3004	*1401	*1507	*0303	*0802	SSO, SBT
2847	Kihara, Masaa	*02	*30	*14	*15	*03	*08	RVSSO
5096	Koh, Eun-mi	*02	*30	*14	*15			PCR-SSO
87	Land, Geoff	*0201	*3004	*1401	*1507	*0303	*0802	SSO, SSP, SBT
278	Lee, Jar-How	*0201/*9221/32/34	*3004	*1401	*1507/*9526	*0303	*0802/17	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*30:04	*14:01	*15:07	*03:03/20N/49	*08:02/04	PCR-SBT
1108	Linke, Robert	*02	*30	*14	*15	*03	*08	SSO
9916	McIntyre, Joh	*020101	*3004	*1401	*1507	*0303/79	*0802/30	SBT, SSP
8042	Muncher, Lior	*02	*30	*14	*15	*03	*08	SSOP, SSP
8022	Olerup, Olle	*02:01	*30:04	*14:01	*15:07	*03:03	*08:02	SSP
8065	Padua, Florec	*02	*30	*14(B64)	*15(B62)			SSP
3648	Pereira, Noem	*0201/01L	*3004	*1401	*1507	*0303/20N	*0802	RSSO, SSP, SBT
3966	Permpikul&Ve	NT						
2400	Phelan, Donna	*0201	*3004	*1401	*1507	*0303/20N	*0802	RSSO, SBT, SSP
3753	Reed, Elaine	*0201	*3004	*1401	*1507	*0303/20N/49	*0802/04	SBT
3625	Rees, Tracey	*02	*30	*14:01/07N	*15(B62)	*03(Cw9)	*08	PCR-SSP
3798	Reinsmoen, N	*020101/01L	*3004	*1401	*1507	*030301/20N	*0802	SSP, RSSO, SBT
1694	Sauer&Gottwa	*02	*30	*14	*15	*03	*08	SSP
3545	Scornik, Juan	*0201	*3004	*1401	*1507	*0303/20N	*0802	SSOP, SBT
735	Smith/MI	*0201/01L	*3004	*1401	*1507	*0303/20N/62	*0802	SEQ, RSSO, SSP
13	Tagliere, Jac	*02:01	*30:04	*14:01	*15:07	*03:03	*08:02	SSP
4021	Trachtenberg	*02	*30	*14	*15	*03	*08	RVSSO, SSP
5462	Turner, E.V.	*02:01	*30:04	*14:01	*15:07	*03:03	*08:02	SEQ, SSO, SSP
789	Walter Reed	*02	*30	*14	*15	*03	*08	SSP

SUMMARY

Extract 481 (Caucasian)
50 labs
 A*02 58%
 A*0201 20%
 A*02:01 12%
 A*020101 6%
 A*02:01:01 2%
 A*02010101 2%
 A*02 100% TOTAL

A*25 48%
 A*2501/07 8%
 A*25:01/07 2%
 A*2501 16%
 A*25:01 12%
 A*250101 10%
 A*25:01:01 2%
 A*25 98% TOTAL

50 labs
 B*38 40%
 B*3801 26%
 B*38:01 18%
 B*380101 14%
 B*38:01:01 2%
 B*38 100% TOTAL

B*15 38%
 B*15010101 2%
 B*1578 30%
 B*15:78 18%
 B*157801 10%
 B*15:78:01 2%
 B*15 100% TOTAL

47 labs
 Cw*03 41%
 Cw*0304 34%
 C*03:04 17%
 Cw*030401 4%
 C*03:04:01 2%
 Cw*0309 2%
 Cw*03 100% TOTAL

Cw*12 51%
 Cw*1203 26%
 C*12:03 15%
 Cw*120301 4%
 C*12:03:01 2%
 Cw*12030101 2%
 Cw*12 100% TOTAL

Extract 482 (Caucasian/Black)
50 labs
 A*03 54%
 A*0301 20%
 A*03:01 12%
 A*030101 6%
 A*03:01:01 2%
 A*03010101 4%
 A*03 98% TOTAL

A*33 50%
 A*3301 2%
 A*3303 24%
 A*33:03 12%
 A*330301 10%
 A*33:03:01 2%
 A*33 100% TOTAL

50 labs
 B*07 50%
 B*0702/61 22%
 B*07:02/61 8%
 B*0702 10%
 B*07:02 8%
 B*070201 2%
 B*07 100% TOTAL

B*15 34%
 B*1505 2%
 B*9507 42%
 B*15:107 22%
 B*15 100% TOTAL

47 labs
 Cw*01 62%
 Cw*0102 21%
 C*01:02 11%
 Cw*010201 4%
 C*01:02:01 2%
 Cw*01 100% TOTAL

Cw*07 64%
 Cw*0702/50 13%
 C*07:02/50 2%
 Cw*0702 9%
 C*07:02 8%
 C*07:02:01 2%
 Cw*07020101 2%
 Cw*07 100% TOTAL

Extract 483 (Hispanic/Filipino)
50 labs
 A*02 54%
 A*0205 24%
 A*02:05 12%
 A*020501 8%
 A*02:05:01 2%
 A*02 100% TOTAL

A*11 54%
 A*1101 20%
 A*11:01 12%
 A*110101 12%
 A*11:01:01 2%
 A*11 100% TOTAL

50 labs
 B*49 28%
 B*4901 38%
 B*49:01 20%
 B*490101 12%
 B*49:01:01 2%
 B*49 100% TOTAL

B*56 28%
 B*5602/04 6%
 B*56:02/04 2%
 B*5602 4%
 B*5604 38%
 B*56:04 20%
 B*56 98% TOTAL

47 labs
 Cw*01 62%
 Cw*0102 21%
 C*01:02 11%
 Cw*010201 4%
 C*01:02:01 2%
 Cw*01 100% TOTAL

Cw*07 66%
 Cw*0701/06/18 6%
 C*07:01/06/18 4%
 Cw*0701 13%
 C*07:01 9%
 Cw*070101 2%
 Cw*07 100% TOTAL

Extract 484 (Korean)
50 labs
 A*02 52%
 A*0201 22%
 A*02:01 14%
 A*020101 8%
 A*02:01:01 2%
 A*02010101 2%
 A*02 100% TOTAL

A*30 40%
 A*3004 40%
 A*30:04 20%
 A*30 100% TOTAL

50 labs
 B*14 36%
 B*1401 44%
 B*14:01 20%
 B*14 100% TOTAL

B*15 42%
 B*1507 38%
 B*15:07 20%
 B*15 100% TOTAL

47 labs
 Cw*03 58%
 Cw*0303/20N 11%
 C*03:03/20N 2%
 Cw*0303 13%
 C*03:03 6%
 Cw*030301 6%
 C*03:03:01 4%
 Cw*03 100% TOTAL

Cw*08 41%
 Cw*0802/04 6%
 C*08:02/04 2%
 Cw*0802 30%
 C*08:02 13%
 Cw*080201 2%
 C*08:02:01 4%
 Cw*08 98% TOTAL

INVESTIGATOR	CELL NO.1393 (Hispanic)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*68:01:02	*68:02:01	*53:01:01	*48:01:01	*04:01:01	*08:01:01	SSO,SSP,SBT
5106 Brown,Colin	*68		*53:01/10	*48:01/09/11	*04	*08	P-RVSSOP,SBT
774 Cecka,J.Mich	*68		*53	*48	*04	*08	SSP
5232 Charlton,Ron	*6801	*6802	*5301	*4801	*0401	*0801	SSP,RVSSO
4492 Charron,D.	NT						
4492 Charron_LR	*68	*68	*53	*48			
798 Claas,F.H.J.	*680102	*68020101	*530101	*480101	*0401	*080101	SBT,SSP
3632 Colombe,Beth	*6801/39	*6802	*5301	*4801	*0401	*0801	SSP
5130 Costeas,Paul	*6801	*6802	*5301	*4801	*0401	*0801	SSO,SSP
779 Daniel,Claud	*68		*53	*48	*04	*08	
3186 Dunckley,Hea	*68		*53	*48	*04	*08	SSP,SSO
3766 Dunn,Paul	*6801G	*6802G	*53	*48	*04	*08	SSO
856 Dupont,Bo	*6801+	*6802+	*5301/05/10	*4801/09/11	*0407/27	*0801/03/04/08+	
5214 Eckels/CPMC	*68	*68	*53	*48	*04	*08	SSOP
2332 Elkhalfifa,Mo	*68		*53	*48	*04	*08	SSP
4251 Ellis,Thomas	*6801/11N	*6802	*5301	*4801	*0401/10/30	*0801/21/22	PCR-SSO,SEQ
762 Fischer&Mayr	*68:01/33	*68:02	*53:01	*48:01/09	*04:01/09N/28/30+	*08:01/20/22/24	RSSO,SSP,SBT
792 Gandhi&Genco	*6801	*6802	*5301/18	*4801/09	*0401	*0801	SSO,SSP
8043 Gideonl,Oсна	*68		*53	*48	*04	*08	SSOP,SSP
810 Hamdi,Nuha	*680102	*6828	*530101	*480101	*04010101	*080101	SSO
4269 Hanau,Daniel	*68		*53	*48	*04	*08	SSP
3808 Hogan,Patric	*68	*6802/18N/27+	*53	*48	*04	*08	SSP
771 Israel,Shosh	*6801	*6802	*5301	*4801	*0401	*0801	PCR-SSP,SBT
9003 Israel_LR	*68		*53	*48	*04	*08	SSO
859 Kamoun,Malek	*6801	*6802	*5301	*4801/09/11	*0401	*0801	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*68:01/11N/33	*68:02	*53:01	*48:01/09	*04:01/09N/28/30+	*08:01/20/22/24	SBT
168 Klein,Tirza	*6801	*6802	*5301	*4801/09/11	*0401	*0801	PCR-SSO,SSP
278 Lee,Jar-How	*6801	*6802	*5301	*4801	*0401	*0801	SSP,RVSSOP
6649 Lim,Young Ae	*68		*53	*48	*04	*08	PCR-SSP
731 Loewenthal,R	*680102	*680201	*530101	*480101	*040101/09N	*080101/22	SBT,SSO
759 Lopez-Cepero	*6801/07/12/16+	*6802/28/34/40+	*5301/10/14/18	*4801/09/11	*0401/05/07/10+	*0801/08/20-22+	RVSSO
23 Mah,Helen	*68	*68	*53:01/10/14	*48:01/09/11	*04	*08:01/08	SSO
8029 Mani,Rama	*68		*53	*48			SSP
206 McAlack-Bala	*68	*68	*53	*48	*04	*08	RVSSOP
4336 Park,Myoung	*68		*53	*48	*04	*08	RVSSO
16 Pidwell/Aska	*680102/11N	*680201	*530101	*480101	*040101/30	*080101/22	
3625 Rees,Tracey	*68		*53	*48	*04	*08	PCR-SSP
5200 Reinke,Denni	*68		*53	*48	*04	*08	SSP
1160 Rosen-Bronso	*68		*53	*48	*04	*08	SSP,RVSSO
793 Rubocki,Ron	*68		*53	*48	*04	*08	PCR-SSP
4948 Sage,Deborah	*6801/11N	*6802	*5301	*4801/09	*0401/09N/10/28+	*0801/20-22/24	
3519 Semana,Gilbe	*6801	*6802	*5301	*4801	*0401	*0801	SBT,PCR-SSP
8001 Sheikh,Maqso	*68		*53	*48	*04	*08	RVSSOP,SSP
769 Tavoularis,S	*6801	*6802	*5301	*4801	*0401	*0801	SSO,SBT,SSP
747 Tiercy,Jean-	*68:01:02	*68:02	*53:01:01	*48:01:01	*04:01	*08:01	P-SSO,SSP,SBT
5451 Tilanus,Marc	*680102	*680201	*530101	*480101	*040101	*080101	SBT
5462 Turner,E.V.	*68:01	*68:02	*53:01	*48:01	*04:01	*08:01	SEQ,SSO,SSP
5642 Varnavidou-N	*68		*53	*48	*04	*08	PCR-SSP,SSO

INVESTIGATOR	CELL NO.1394 (Filipino)								method
CTR	NAME	A1	A2	B1	B2	C1	C2		
745	Anthony Nola	*11:01:01	*33:03:01	*48:01:01	*56:04	*01:02:01	*08:01:01		SSO,SSP,SBT
5106	Brown,Colin	*11	*33	*48:01/09/11	*56:02/04	*01	*08		P-RVSSOP,SBT
774	Cecka,J.Mich	*11	*33	*48	*56	*01	*08		SSP
5232	Charlton,Ron	*1101	*3303	*4801	*5604	*0102	*0801		SSP,RVSSO
4492	Charron,D.	NT							
4492	Charron_LR	*11	*33	*48	*56	*01	*08		
798	Claas,F.H.J.	*110101	*330301	*480101	*5604	*010201	*080101		SBT,SSP
3632	Colombe,Beth	*1101	*3303	*4801	*5604	*0102	*0801		SSP
5130	Costeas,Paul	*1101	*3303/10	*4801	*5604	*0102	*0801		SSO,SSP
779	Daniel,Claud	*11	*33	*48	*56:02/04	*01	*08		
3186	Dunckley,Hea	*11	*33	*48	*56	*01	*08		SSP,SSO
3766	Dunn,Paul	*11	*33	*48	*5602/04	*01	*08		SSO
856	Dupont,Bo	*1101/02	*3303/06/11/12	*4801/09/11	*5604	*0102+	*0801/03/04/08+		
5214	Eckels/CPMC	*11	*33	*48	*56	*01	*08		SSOP
2332	Elkhalifa,Mo	*11	*33	*48	*56	*01	*08		SSP
4251	Ellis,Thomas	*1101	*3303	*4801	*5604	*0102	*0801/22		PCR-SSO,SEQ
762	Fischer&Mayr	*11:01/21N	*33:03/15/25	*48:01/09	*56:04	*01:02/25	*08:01/20/22/24		RSSO,SSP,SBT
792	Gandhi&Genco	*1101	*3303	*4801	*5604	*0102	*0801		SSO,SSP
8043	Gideonl,Oсна	*1101	*3303	*4801	*5604	*0102	*0801		SSOP,SSP
810	Hamdi,Nuha	*110101	*3301	*480101	*5602	*010201	*080101		SSO
4269	Hanau,Daniel	*1101	*3303	*4801	*5604	*0102	*0801		SBT
3808	Hogan,Patric	*11	*33	*48	*5602/04	*01	*08		SSP
771	Israel,Shosh	*1101	*3303	*4801	*5604	*0102	*0801		PCR-SSP,SBT
9003	Israel_LR	*11	*33	*48	*56	*01	*08		SSO
859	Kamoun,Malek	*1101/22	*3303	*4801/09/11	*5604	*0102/11	*0801		PCR-SSO,SSP
4337	Kim,Tai-Gyu	*11:01/21N	*33:03/15/25	*48:01/09	*56:04	*01:02/25	*08:01/20/22/24		SBT
168	Klein,Tirza	*1101	*3303	*4801/09/11	*5604	*0102	*0801		PCR-SSO,SSP
278	Lee,Jar-How	*1101	*3303	*4801	*5604	*0102	*0801		SSP,RVSSOP
6649	Lim,Young Ae	*11	*33	*48	*56	*01	*08		PCR-SSP
731	Loewenthal,R	*110101	*330301	*480101	*5604	*010201	*080101		SBT,SSO
759	Lopez-Cepero	*1101-03/07/12+	*3301/03-06+	*4801/09/11	*5602/04	*0102/03/07/11+	*0801/08/20-22+		RVSSO
23	Mah,Helen	*11	*33	*48:01/09/11	*56:02/04	*01	*08:01/08		SSO
8029	Mani,Rama	*11	*33	*48	*56				SSP
206	McAlack-Bala	*11	*33	*48	*56	*01	*08		RVSSOP
4336	Park,Myoung	*11	*33	*48	*56	*01	*08		RVSSO
16	Pidwell/Aska	*110101	*330301	*480101	*5604	*010201	*080101/22		
3625	Rees,Tracey	*11	*33	*48	*56:02/04	*01	*08		PCR-SSP
5200	Reinke,Denni	*11	*33	*48	*56	*01	*08		SSP
1160	Rosen-Bronso	*11	*33	*48	*56	*01	*08		SSP,RVSSO
793	Rubocki,Ron	*11	*33	*48	*56	*01	*08		PCR-SSP
4948	Sage,Deborah	*1101	*3303	*4801/09	*5604	*0102/25	*0801/20/22/24		
3519	Semana,Gilbe	*1101	*3303	*4801	*5604	*0102	*0801		SBT,PCR-SSP
8001	Sheikh,Maqso	*11	*33	*48	*56	*01	*08		RVSSOP,SSP
769	Tavoularis,S	*1101	*3303	*4801	*5604	*0102	*0801		SSO,SBT,SSP
747	Tiercy,Jean-	*11:01:01	*33:03	*48:01:01	*56:04	*01:02	*08:01:01		P-SSO,SSP,SBT
5451	Tilanus,Marc	*110101	*330301	*480101	*5604	*010201	*080101		SBT
5462	Turner,E.V.	*11:01	*33:03	*48:01	*56:04	*01:02	*08:01		SEQ,SSO,SSP
5642	Varnavidou-N	*11	*33	*48	*56	*01	*08		PCR-SSP,SSO

INVESTIGATOR	CELL NO.1395 (Japanese)							method
CTR	NAME	A1	A2	B1	B2	C1	C2	
745	Anthony Nola	*26:02	*31:01:02	*15:01:01:01	*40:02:01	*03:03:01	*03:04:01	SSO, SSP, SBT
5106	Brown, Colin	*26:02	*31:01	*15:01	*40:02	*03:03	*03:04	P-RVSSOP, SBT
774	Cecka, J. Mich	*26	*31	*15	*40	*03		SSP
5232	Charlton, Ron	*2602	*3101	*1501	*4002	*0303	*0304	SSP, RVSSO
4492	Charron, D.	*2602	*3101/25-27	*1501/*9559/60/64+	*4002/94/97	*0303/52	*0304/24/48/73	PCR-SSP
4492	Charron_LR	*26	*31	*15	*40	*03		
798	Claas, F.H.J.	*2602	*310102	*15010101	*400201	*030301	*03040101	SBT, SSP
3632	Colombe, Beth	*2602	*3101	*1501	*4002	*0303	*0304	SSP
5130	Costeas, Paul	*2602	*3101	*1501	*4002	*0303	*0304/24	SSO, SSP
779	Daniel, Claud	*26	*31	*15(B62)	*40(B61)	*03(Cw9)		
3186	Dunckley, Hea	*26	*31	*15:01/33/34/60/70+	*40:02/29/35/37+	*03		SSP, SSO
3766	Dunn, Paul	*2602/40	*31	*15	*40	*0303G	*0304G	SSO
856	Dupont, Bo	*2601+/25N/33	*3101+	*1575/*9505	*4002/29/37/50+	*0303+	*0304/08/09/23+	
5214	Eckels/CPMC	*26	*31	*15(B62)	*40(B61)	*03(Cw9)	*03	SSOP
2332	Elkhalifa, Mo	*26	*31	*15	*40	*03		SSP
4251	Ellis, Thomas	*2602	*3101	*1501	*4002	*0303/20N	*0304	PCR-SSO, SEQ
762	Fischer&Mayr	*26:02	*31:01/14N/23	*15:01/102/104/140+	*40:02/56/97	*03:03	*03:04	RSSO, SSP, SBT
792	Gandhi&Genco	*2602	*3101	*1501	*4002	*0303	*0304	SSO, SSP
8043	Gideon, Osna	*26	*31	*15	*40	*03		SSOP, SSP
810	Hamdi, Nuha	*2602	*310102	*15010101	*400201	*030301	*0309	SSO
4269	Hanau, Daniel	*2602	*3101	*1501	*4002	*0303/20N	*0304	SBT
3808	Hogan, Patric	*26	*31	*1501G	*4002G	*0303G	*0304G	SSP
771	Israel, Shosh	*2602	*3101	*1501	*4002	*0303	*0304	PCR-SSP, SBT
9003	Israel_LR	*26	*31	*15	*40	*03		SSO
859	Kamoun, Malek	*2602	*3101/20	*1501/74N	*4002	*0303	*0304	PCR-SSO, SSP
4337	Kim, Tai-Gyu	*26:02	*31:01/14N/23	*15:01/102/104/140+	*40:02/56/97	*03:03/20N/62	*03:04	SBT
168	Klein, Tirza	*2602	*3101	*1501	*4002	*0303	*0304	PCR-SSO, SSP
278	Lee, Jar-How	*2602	*3101	*1501/94N/97/*9502+	*4002/58/82	*0303	*0304	SSP, RVSSOP
6649	Lim, Young Ae	*26	*31	*15(B62)	*40(B61)	*03		PCR-SSP
731	Loewenthal, R	*2602	*310102	*150101/7801	*400201/35	*030301	*030401	SBT, SSO
759	Lopez-Cepero	*2602/40	*3101/09/13/15+	*1501/28/33/34/57+	*4002/29/35/37+	*0303/11-13/19+	*0303-06/09+	RVSSO
23	Mah, Helen	*26:02	*31	*15	*40	*03	*03	SSO
8029	Mani, Rama	*26	*31	*15	*40			SSP
206	McAlack-Bala	*2602	*31	*(B62)	*(B61)	*(Cw9)	*03	RVSSOP
4336	Park, Myoung	*26	*31	*15	*40	*03		RVSSO
16	Pidwell/Aska	*2602	*310102	*150101	*400201	*030301/20N	*030401	
3625	Rees, Tracey	*26	*31	*15(B62)	*40(B61)	*03(Cw9)	*03(Cw10)	PCR-SSP
5200	Reinke, Denni	*26	*31	*15(B62)	*40(B61)	*03(Cw9)	*03(Cw10)	SSP
1160	Rosen-Bronso	*26	*31	*15	*40:02	*03		SSP, RVSSO
793	Rubocki, Ron	*26	*31	*15(B62)	*40(B61)	*03(Cw9)	*03(Cw10)	PCR-SSP
4948	Sage, Deborah	*2602	*3101	*1501/07/30/78+	*4002/03/11/35+	*0303/20N/62	*0304	
3519	Semana, Gilbe	*2602	*3101	*1501	*4002	*0303	*0304	SBT, PCR-SSP
8001	Sheikh, Maqso	*26	*31	*1501/*9502/46	*4002	*0303	*0304-06/09	RVSSOP, SSP
769	Tavoularis, S	*2602	*3101	*1501	*4002	*0303	*0304	SSO, SBT, SSP
747	Tiercy, Jean-	NT						
5451	Tilanus, Marc	*2602	*310102	*15010101	*400201	*030301	*030401	SBT
5462	Turner, E.V.	*26:02	*31:01:02	*15:01	*40:02:01	*03:03	*03:04	SEQ, SSO, SSP
5642	Varnavidou-N	*26	*31	*15	*40	*03		PCR-SSP, SSO

INVESTIGATOR	CELL NO.1396 (Hispanic)							method
CTR	NAME	A1	A2	B1	B2	C1	C2	
745	Anthony Nola	*24:02:01:01	*68:03:01	*14:02:01	*39:05	*07:02:01	*08:02:01	SSO, SSP, SBT
5106	Brown, Colin	*24	*68:03	*14:02/04/09	*39:05	*07	*08	P-RVSSOP, SBT
774	Cecka, J. Mich	*24	*68	*1402-04/06/09	*39	*07	*08	SSP
5232	Charlton, Ron	*2402	*6803	*1402	*3905	*0702	*0802	SSP, RVSSO
4492	Charron, D.	*2402	*6803	*1402/12/15/16	*3905	*0702/75/80/84+	*0802/28	PCR-SSP
4492	Charron_LR	*24	*68	*14	*3905	*07	*08	
798	Claas, F.H.J.	*24020101	*680301	*140201	*390501	*0702	*080201	SBT, SSP
3632	Colombe, Beth	*2402	*6803	*1402	*3905	*0702	*0802	SSP
5130	Costeas, Paul	*2402	*6803	*1402	*3905	*0702	*0802	SSO, SSP
779	Daniel, Claud	*24	*68	*14 (B65)		*07	*08	
3186	Dunckley, Hea	*24	*68	*14	*39	*07	*08	SSP, SSO
3766	Dunn, Paul	*24	*6803/24	*1402/04	*3905	*07	*08	SSO
856	Dupont, Bo	*2402+	*6803/24	*1402/04	*3901/05/11/25N+	*0702+	*0802/07/15/17+	
5214	Eckels/CPMC	*24	*68	*14 (B65)	*3905	*07	*08	SSOP
2332	Elkhalifa, Mo	*24	*68	*14	*39	*07	*08	SSP
4251	Ellis, Thomas	*2402	*6803	*1402	*3905	*0702/17/50	*0802/07	PCR-SSO, SEQ
762	Fischer&Mayr	*24:02/09N/11N+	*68:03	*14:02	*39:05	*07:02/50/66/74	*08:02	RSSO, SSP, SBT
792	Gandhi&Genco	*2402	*6803	*1402	*3905	*0702	*0802	SSO, SSP
8043	Gideon, Osna	*2402	*6803	*1402	*3905	*0702	*0802	SSOP, SSP
810	Hamdi, Nuha	*24020101	*680301	*140201	*3905	*07020101	*0802	SSO
4269	Hanau, Daniel	*2402	*6803	*1402	*3901/01L	*0702	*0802	SBT
3808	Hogan, Patric	*24	*68	*14	*39	*07	*08	SSP
771	Israel, Shosh	*2402	*6803	*1402	*3905	*0702	*0802	PCR-SSP, SBT
9003	Israel_LR	*24	*68	*14	*39	*07	*08	SSO
859	Kamoun, Malek	*2402	*6803	*1402	*3905	*0702	*0802	PCR-SSO, SSP
4337	Kim, Tai-Gyu	*24:02/09N/11N+	*68:03	*14:02	*39:05	*07:02/50/66/74	*08:02	SBT
168	Klein, Tirza	*2402	*6803	*1402	*3905	*0702	*0802	PCR-SSO, SSP
278	Lee, Jar-How	*2402/76/78/79	*6803	*1402/09	*3905	*0702/61N/62	*0802/17	SSP, RVSSOP
6649	Lim, Young Ae	*24	*68	*14 (B65)	*39	*07	*08	PCR-SSP
731	Loewenthal, R	*240201	*680301	*140201	*390501	*070201/50	*080201	SBT, SSO
759	Lopez-Cepero	*2402/15/20/21+	*6803/24	*1402/09	*3905	*0702/03/17/38/39	*0802/05/07/17	RVSSO
23	Mah, Helen	*24	*68:03/24	*14:02/09	*39:05	*07	*08	SSO
8029	Mani, Rama	*24	*68	*14	*39			SSP
206	McAlack-Bala	*24	*68	*14 (B65)	*3905	*07	*08	RVSSOP
4336	Park, Myoung	*24	*68	*1402/04	*39	*07	*08	RVSSO
16	Pidwell/Aska	*240201	*680301	*140201//*1418	*390501//*3901	*070201/50//*0717	*080201//*0807	
3625	Rees, Tracey	*24	*68	*14 (B65)	*39	*07	*08	PCR-SSP
5200	Reinke, Denni	*24	*68	*14 (B65)	*39	*07	*08	SSP
1160	Rosen-Bronso	*24	*68	*14:02/09	*39:05	*07	*08	SSP, RVSSO
793	Rubocki, Ron	*24	*68	*14 (B65)	*39	*07	*08	PCR-SSP
4948	Sage, Deborah	*2402	*6803	*1402/18	*3901/05/46	*0702/37/39/50+	*0802/04/05	
3519	Semana, Gilbe	*2402	*6803	*1402	*3905	*0702	*0802	SBT, PCR-SSP
8001	Sheikh, Maqso	*24	*68	*1402	*39	*07	*08	RVSSOP, SSP
769	Tavoularis, S	*2402	*6803	*1402	*3905	*0702	*0802	SSO, SBT, SSP
747	Tiercy, Jean-	NT						
5451	Tilanus, Marc	*24020101	*680301	*140201	*390501	*070201	*080201	SBT
5462	Turner, E.V.	*24:02	*68:03	*14:02	*39:05	*07:02	*08:02	SEQ, SSO, SSP
5642	Varnavidou-N	*24	*68	*14	*39	*07	*08	PCR-SSP, SSO

SUMMARY

Cell 1393 (Hispanic)

47 labs
A*68 66%
A*6801 19%
A*68:01 2%
A*680102 9%
A*6:01:02 4%
A*68 100% TOTAL

A*68 53%
A*6802 26%
A*68:02 9%
A*680201 6%
A*68:02:01 2%
A*68020101 2%
A*6828 2%
A*68 100% TOTAL

47 labs

B*53 55%
B*5301 24%
B*53:01 6%
B*530101 9%
B*53:01:01 6%
B*53 100% TOTAL

B*48 45%
B*4801/09/11 9%
B*48:01/09/11 4%
B*4801/09 4%
B*48:01/09 4%
B*4801 17%
B*48:01 2%
B*480101 11%
B*48:01:01 4%
B*48 100% TOTAL

45 labs

Cw*04 65%
Cw*0401 25%
C*04:01 4%
Cw*040101 2%
C*04:01:01 2%
Cw*04010101 2%
Cw*04 100% TOTAL

Cw*08 65%
Cw*0801 22%
C*08:01 4%
Cw*080101 7%
C*08:01:01 2%
Cw*08 100% TOTAL

Cell 1394 (Filipino)

47 labs
A*11 55%
A*1101 28%
A*11:01 2%
A*110101 11%
A*11:01:01 4%
A*11 100% TOTAL

A*33 55%
A*3301 2%
A*3303 28%
A*33:03 4%
A*330301 9%
A*33:03:01 2%
A*33 100% TOTAL

47 labs

B*48 40%
B*4801/09/11 9%
B*48:01/09/11 4%
B*4801/09 2%
B*48:01/09 4%
B*4801 24%
B*48:01 2%
B*480101 11%
B*48:01:01 4%
B*48 100% TOTAL

B*56 32%
B*5602/04 6%
B*56:02/04 9%
B*5602 2%
B*5604 40%
B*56:04 11%
B*56 100% TOTAL

46 labs

Cw*01 57%
Cw*0102 26%
C*01:02 4%
Cw*010201 11%
C*01:02:01 2%
Cw*01 100% TOTAL

Cw*08 59%
Cw*0801 26%
C*08:01 2%
Cw*080101 9%
C*08:01:01 4%
Cw*08 100% TOTAL

Cell 1395 (Japanese)

47 labs
A*26 45%
A*2602 42%
A*26:02 13%
A*26 100% TOTAL

A*31 57%
A*3101 26%
A*31:01 2%
A*310102 11%
A*31:01:02 4%
A*33 100% TOTAL

47 labs

B*15 64%
B*1501 21%
B*15:01 4%
B*150101 2%
B*15010101 7%
B*15:01:01:01 2%
B*15 100% TOTAL

B*40 57%
B*4002 26%
B*40:02 4%
B*400201 9%
B*40:02:01 4%
B*40 100% TOTAL

46 labs

Cw*03 59%
Cw*0303 24%
C*03:03 6%
Cw*030301 9%
C*03:03:01 2%
Cw*03 100% TOTAL

Cw*03 52%
Cw*0304 26%
C*03:04 9%
Cw*030401 7%
C*03:04:01 2%
Cw*03040101 2%
Cw*0309 2%
Cw*03 100% TOTAL

Cell 1396 (Hispanic)

47 labs
A*24 55%
A*2402 30%
A*24:02 2%
A*240201 4%
A*24020101 7%
A*24:02:01:01 2%
A*24 100% TOTAL

A*68 38%
A*6803/24 6%
A*68:03/24 2%
A*6803 32%
A*68:03 9%
A*680301 11%
A*68:03:01 2%
A*68 100% TOTAL

47 labs

B*14 47%
B*1402/09 4%
B*14:02/09 4%
B*1402 28%
B*14:02 6%
B*140201 9%
B*14:02:01 2%
B*14 100% TOTAL

B*39 36%
B*3905 41%
B*39:05 15%
B*390501 6%
B*39 98% TOTAL

46 labs

Cw*07 66%
Cw*0702 26%
Cw*07:02 2%
Cw*070201 2%
C*07:02:01 2%
Cw*07020101 2%
Cw*07 100% TOTAL

Cw*08 58%
Cw*0802 26%
C*08:02 7%
Cw*080201 7%
C*08:02:01 2%
Cw*08 100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1393 *****						***** CELL NO.1394 *****						***** CELL NO.1395 *****						***** CELL NO.1396 *****																
		(HISP)						(FILP)						(JAPN)						(HISP)																
INVESTIGATOR	V	A	A	B	B	C	C	B	B	V	A	A	B	B	C	C	B	V	A	A	B	B	C	C	B	V	A	A	B	B	C	C	B			
DAYS	I	B	6	5	4	W	W	W	W	I	B	1	3	4	5	W	W	I	B	2	3	6	6	W	W	I	B	2	6	1	3	W	W	W		
NAME	OLD	%	8	3	8	4	8	4	6	%	1	3	8	6	1	8	6	%	6	1	2	1	3	6	OTHERS	%	4	8	4	9	7	8	6	OTHERS		
Abbal, Michel	3	98	+	+	+				A1	90	+	+	+	+				98	+	+	+	+				95	+	+	+	+						
Alonso, Anton	7	90	+	+	+					90	+	+	+	+				90	+	+	+	+				90	+	+	64	+	+					
Alvarez, Carr	3	100	+	+	+					90	+	+	+	+				100	+	+	+	+		B60		100	+	+	65	+	+					
Anthony Nola	3	98	+	+	+					98	+	+	+	+				98	+	+	+	+				98	+	+	+	+						
Berka, Noured	3	90	+	+	+					90	+	+	+	+				90	+	+	+	+				90	+	+	65	+	+	+		CW5		
Cecka, J. Mich	2	95	+	+	+					95	+	+	+	+				95	+	+	+	+				95	+	+	65	+	+					
Chan MD, Soh	4	95	+	+	+					95	+	+	+	+				95	+	+	+	+		CW8		95	+	+	+	+	+	+				
Charron, D. P	5	90	+	+	+					90	+	+	+	+		BW4		90	+	+	1540	+			90	+	+	16	+							
Choo, Yoon MD	8	99	28	+	+					99	+	+	+	+				99	+	+	+	+		CW7		99	+	+	65	+	+	+				
Claas, F.H.J.	6	90	+	+	+					90	+	+	+	+				90	+	+	+	+			90	+	+	+	+							
Dunckley, Hea	8	90	28	+	+					90	+	19	+	22	+			90	+	+	+	40	+			90	+	28	+	+						
Dunk, Arthur	3	98	28	+	+					98	+	+	+	+				98	+	+	+	+			98	+	28	+	+	+	+					
Dunn, Paul Dr	6	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	65	+							
Esteves Kond	2	98	+	+	+					98	01	+	+	+	+			98	+	+	+	W9	+	CW10		98	+	+	65	+	+	+		3905		
Fischer, Joha	6	98	+	+	+					95	+	+	+	+				95	+	+	+	+			98	+	+	65	+							
Gomez, Carmen	1	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	65	+	+	+					
Gomez, Carmen	3	98	+	+	+					98	+	+	+	+				98	+	+	+	+			96	+	+	65	+	+	+					
Hahn, Amy B.	3	99	+	+	+				A28	99	+	+	+	+				99	+	+	+	10	+		99	+	+	65	+	+	+					
Hogan, Patric	14	C								C								C							C											
Holdsworth, R	10	95	28	+	+				A2	95	+	+	+	+				80	+	+	40	+			95	+	+	+	+							
Hubbell, Char	3	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	65	+							
Israel, Shosh	6	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	+	+	+						
Keown, Paul M	7	95	28	+	+					90	+	+	+	+				90	+	+	40	+			95	+	28	+	16	+						
Klein, Tirza	6	90	+	+	+					90	+	+	+	+				85	+	+	+	+		B60		90	+	+	+	+	+					
Kvam, Vonnett	3	98	28	+	+					98	+	+	+	+				97	+	+	+	+		B60		95	+	2865	+	+	+					
Lardy, N.M. D	7	90	28	+	+					90	+	+	+	+		CW7, B56V		90	+	+	+	+			90	+	28	+	+							
Leech MD, Ste	3	95	+	+	+					95	+	+	+	+				95	+	+	40	+			95	+	+	+	+	+						
Loewenthal M	6	90	28	+	+					90	+	+	+	+				90	+	+	40	+			90	+	28	+	+	+	+					
Lopez-Cepero	2	99	+	+	+					99	+	+	22	+		B22V		99	+	+	+	+			99	+	+	65	+	+	+					
MacCann, Eile	3	98	+	+	+				A10	98	+	+	+	+				98	+	+	+	+			98	+	+	+	+							
Mah, Helen	2	98	+	+	+					98	+	+	+	+				98	+	+	W9	+		CW3		98	+	+	65	+	+	+				
McAlack, Robe	2	98	+	+	+					97	+	+	+	+				98	+	+	W9	+		B39, B65		97	+	+	+	+				B62, B61		
McAlack-Bala	2	99	+	+	+					99	+	+	+	+				99	+	+	+	+			99	+	+	65	+	+	+					
McCluskey, Ja	9	85	28	+	+				A33, A2	85	+	+	+	+				85	+	+	40	+			85	+	2865	+	+							
Meyer, Pieter	7	85	+	+	+				A33	85	+	+	+	+				85	+	+	40	+			85	+	+	+	+	+						
Norin, Allen	2	99	+	+	+					99	+	+	+	+				99	+	+	+	+			99	+	+	65	+							
Padua, Florec	7	NT								NT								NT							NT											
Pais, Maria L	9	99	+	+	+					99	+	+	+	+				99	+	+	40				99	+	+	65	+							
Park, Myoung	6	88	28	+	+					80	+	+	+	+				90	+	+	+	+			90	+	28	+	+	+						
Permpikul, Ve	24	NT								NT								NT							NT											
Pidwell/Aska	3	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	65	+	+	+					
Pollack, Mari	2	99	+	+	+					99	+	+	+	+				99	+	+	+	+			99	+	+	+	+	+						
Rees, Tracey	7	80	+	+	+					80	+	+	+	+				80	+	+	+	+			90	+	+	65	+	+	+					
Rosen-Bronso	2	95	+	+	+					95	+	+	+	+				95	+	+	+	+			95	+	+	65	+	+						
Rubocki, Rona	2	99	28	+	+					99	+	+	22	+				99	+	+	+	+			99	+	2865	+	+	+						
Sauer, Gottwa	6	95	+	+	+					98	+	+	+	+				95	+	+	+	+			95	+	+	65	+	+						
Semana MD, Gi	3	99	28	+	+					99	+	+	+	+				99	+	+	1540	+			99	+	28	+	16	+						
Shai, Isaac	10	94	+	+	+				B5, B60, A2	95	+	+	+	+		B40		86	+	+	+	+		A30, B60	100	+	+	+	+	+						
Stavropoulos	2	99	28	+	+					99	+	+	+	+				99	+	+	+	+			98	+	28	+	+	+	+					
Tagliere, Jac	2	100	+	+	+					100	+	+	+	+				100	+	+	+	+		BW4	100	+	+	65	+	+	+					

INTERNATIONAL CELL EXCHANGE

	***** CELL NO.1393 *****						***** CELL NO.1394 *****						***** CELL NO.1395 *****						***** CELL NO.1396 *****																	
	(HISP)						(FILP)						(JAPN)						(HISP)																	
INVESTIGATOR	A	A	B	B	C	C	B	B	A	A	A	B	B	C	C	B	A	A	A	B	B	C	B	A	A	A	B	B	C	C	B					
DAYS	B	6	5	4	W	W	W	W	B	1	3	4	5	W	W	W	B	2	3	6	6	W	W	B	2	6	1	3	W	W	W					
NAME	OLD	%	8	3	8	4	8	4	6	OTHERS	%	1	3	8	6	1	8	6	OTHERS	%	6	1	2	1	3	6	OTHERS	%	4	8	4	9	7	8	6	OTHERS

Tiercy, Jean-	7	60	28	+	+	+	+	70	+	+	+	+	+	NT	NT	90	+	+	+	+	+	90	+	28	+	+	+
Tilanus, Marc	7	90	28	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	+	+	98	+	+	65	+	+	+
Varnavidou-N	6	98	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+	99	+	+	2865	+	+	+	+
Walter Reed	2	99	28	+	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+	95	+	+	28	+	+	+	+
Wisecarver, J	6	95	28	+	+	+	+	95	+	+	+	+	+	98	+	+	+	+	+	95	+	+	28	+	+	+	+

 * *
 * SUMMARY TABLE *
 * *

(HISP)
 **** CELL 1393 ****
 (52 SAMPLES TYPED)
 A68 67.3%
 A28 32.7%
 (100.0%)

 B53 98.1%

 B48 98.1%

 CW4 65.4%

 CW8 46.2%

 BW4 90.4%

 BW6 90.4%

(OTHERS FOUND)
 A2 5.8%
 A33 3.8%
 B60 1.9%
 B5 1.9%
 A10 1.9%
 A1 1.9%
 A28 1.9%

(FILP)
 **** CELL 1394 ****
 (52 SAMPLES TYPED)
 A11 98.1%
 1101 1.9%
 (100.0%)

 A33 98.1%
 A19 1.9%
 (100.0%)

 B48 98.1%

 B56 92.3%
 B22 5.8%
 (98.1%)

 CW1 67.3%

 CW8 50.0%

 BW6 88.5%

(OTHERS FOUND)
 B40 1.9%
 BW4 1.9%
 B22V 1.9%
 B56V 1.9%
 CW7 1.9%

(JAPN)
 **** CELL 1395 ****
 (51 SAMPLES TYPED)
 A26 100.0%
 (100.0%)

 A31 98.0%
 (98.0%)

 B62 94.1%
 B15 3.9%
 (98.0%)

 B61 70.6%
 B40 19.6%
 (90.2%)

 CW3 60.8%
 CW9 5.9%
 CW10 2.0%
 (68.6%)

 BW6 90.2%

(OTHERS FOUND)
 B60 7.8%
 A30 2.0%
 CW10 2.0%
 CW7 2.0%
 CW8 2.0%
 B65 2.0%
 B39 2.0%
 CW3 2.0%
 BW4 2.0%

(HISP)
 **** CELL 1396 ****
 (51 SAMPLES TYPED)
 A24 100.0%
 (100.0%)

 A68 72.5%
 A28 27.5%
 (100.0%)

 B14 45.1%
 B64 2.0%
 B65 51.0%
 (98.0%)

 B39 92.2%
 B16 5.9%
 (98.0%)

 CW7 58.8%

 CW8 54.9%

 BW6 90.2%

(OTHERS FOUND)
 3905 2.0%
 CW5 2.0%
 B61 2.0%
 B62 2.0%

*** 55 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: 06/09/2010 *****