

# REPORT OF THE 346th CELL EXCHANGE

## FEBRUARY 3, 2010

B-Cell Line	431-434
Serum	1009-1016
DNA Extract	469-472
Cells	1381-1384

We welcome you to the 2010 International Cell Exchange! We plan to offer many interesting and challenging samples to study in our exchanges in this new year.

Congratulations to all the laboratories that participated in the 2009 exchange studies. For your records, enclosed in your February sendout package is a certificate to document your participation.

### B-cell line Exchange

We wish to acknowledge the generous efforts of **Franz Claas, Leiden University Medical Centre, Leiden**, and **Fu-Meei Robbins, National Institutes of Health**, in providing interesting cells with unusual associations to study in our exchanges. Robbins collaborated with **Judy Wade, Regional Histocompatibility Laboratory, University of Toronto**, in the study of the rare DRB1\*1504 cell.

**TER-431.** This cell from a Caucasian donor was previously typed as TER-248 (1999) and TER-312 (2002), as correctly noted by Ball, Hahn, Lopez-Cepero, Mah, and Stamm. It remains the sole DRB1\*0404 exchange cell to be found in association with DQB1\*0402.

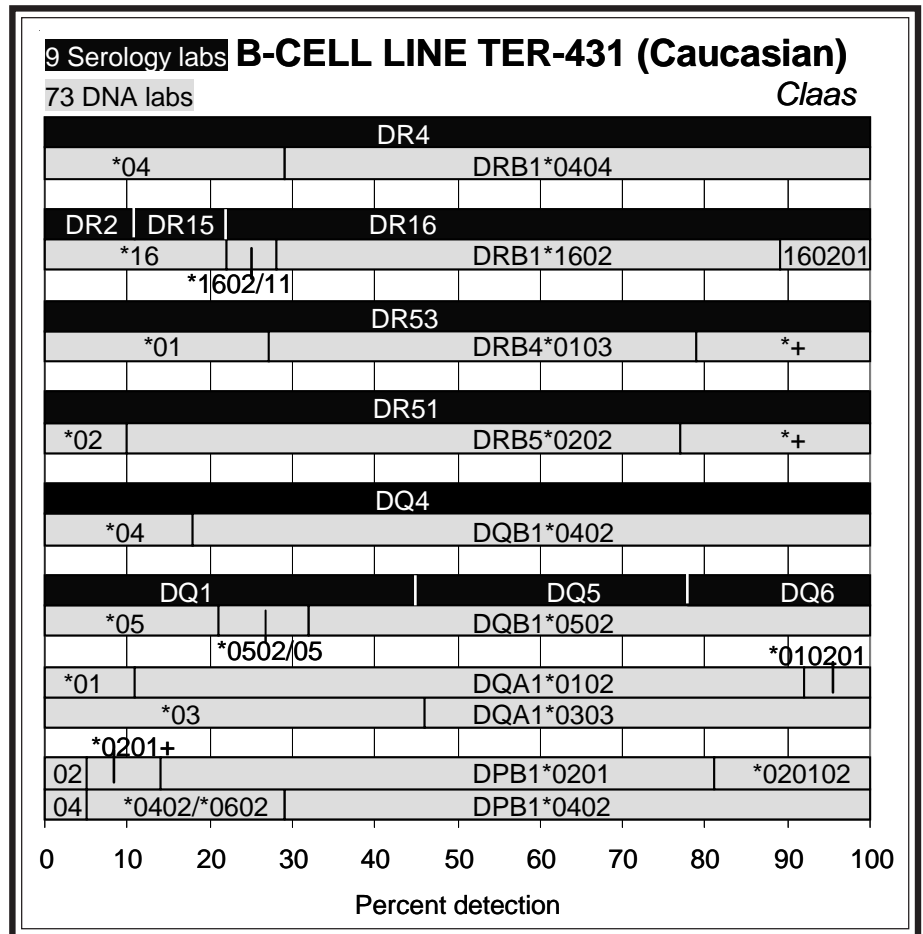
In this present retyping, DRB1\*0404 (71%) and DRB1\*1602 (72%) were detected by over 70%. DR4 was typed by 100% and DR16 was assigned by 78%.

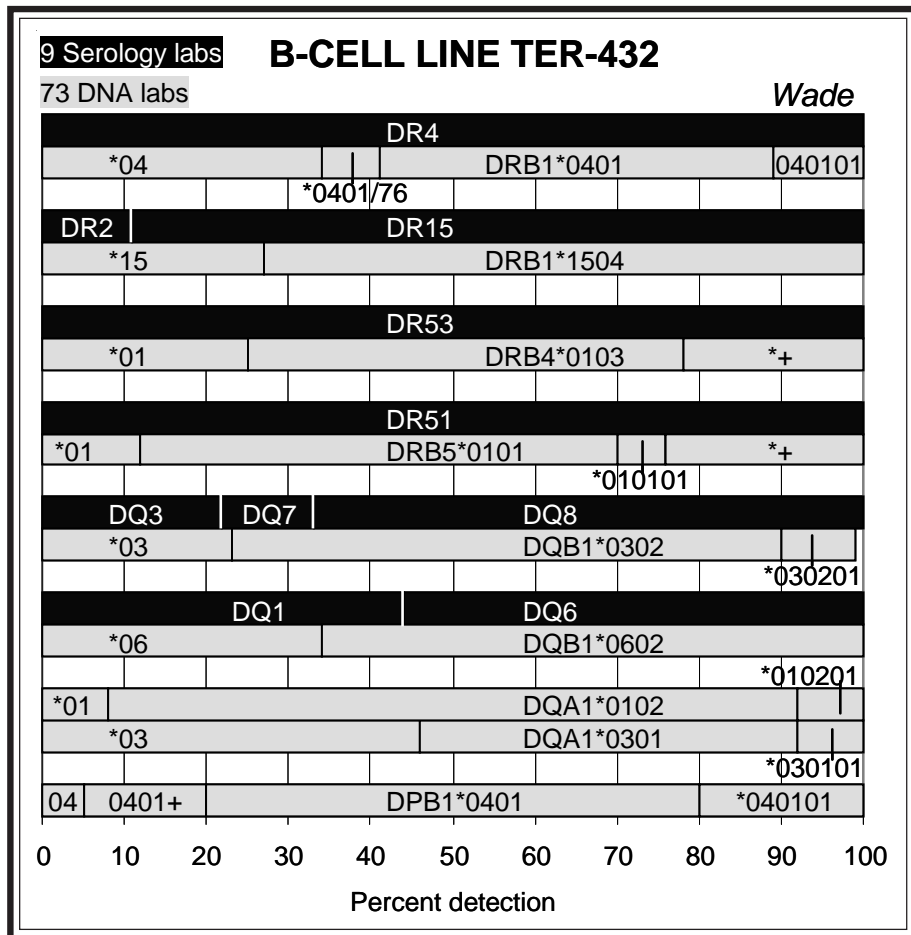
The probable associations were DRB1\*0404-DRB4\*0103-DQB1\*0402-DQA1\*0303 and DRB1\*1602 (\*160201) - DRB5\*0202 - DQB1\*0502-DQA1\*0102. DRB1\*0404 is commonly found on the same haplotype with DQB1\*0302, DRB4\*0101, and DQA1\*0301. The same DRB1\*1602 haplotype was also typed in TER-354 (also TER-287) from a Caucasian individual. DRB1\*1602 with DQB1\*0301 and DQA1\*05 was typed in exchange cells from American Indians, including TER-183, TER-273, TER-325, and TER-326.

In the 2002 typing, DPA1\*0103 was assigned by Costeas.

DPB1\*0201 (\*020102) and DPB1\*0402 were assigned in consensus. A total of 19% of the 21 labs reporting DPB1 types did not resolve between DPB1\*0402 and DPB1\*0602.

When typed as extract 106 (1999), the results indicated the class I typing as A\*0301, A\*3201, B\*3501, B\*3508, Cw\*040101.





**TER-432.** This DRB1\*1504 cell was previously typed as TER-347 in 2004, as noted by Ball, Barnardo, Hahn, Lopez-Cepero, Mah, and Stamm.

In this present retyping, the rare DRB1\*1504 was detected by 73%. Other exchange cells with the same DRB1\*15 allele were TER-390 (also TER-339) and TER-413 (also TER-311).

DR15 was assigned by 89%.

One probable haplotypes in this cell was DRB1\*0401 (\*040101)-DRB4\*0103-DQB1\*0302-DQA1\*0301. Interestingly, the other haplotype, DRB1\*1504-DRB5\*0101-DQB1\*0602-DQA1\*0102, had a different DRB1-DQB1 association from the DRB1\*1504-DQB1\*0502 found in the other 2 B\*1504 exchange cells.

In the 2004 typing, Costeas reported DPA1\*0103 and Darke assigned DPA1\*0103/07.

DPB1\*0401 (\*040101), assigned in nearly complete consensus, was the sole DPB1 type. Several labs noted that other alleles, such DPB1\*2301N or DPB1\*2402, could not be excluded.

**TER-433.** This cell from an Indonesian donor was XX406, a reference cell for the unusual DRB1\*1313. Anholts et al. (1) described the DRB1\*1313 sequence found in this individual as the same as that identified in 2 individuals by Noreen et al. (2), but with the additional unusual finding that the haplotype lacked a DRB3 gene. The investigators observed that XX406 was non-reactive with anti-DR52 monoclonal antibodies. When this cell was tested as sample #1301 in the 1998 Eurotransplant DNA Quality Control, the results indicated that the majority (41/49 labs) correctly detected DRB1\*1313. Seven of 52 labs reported a DRB3 product.

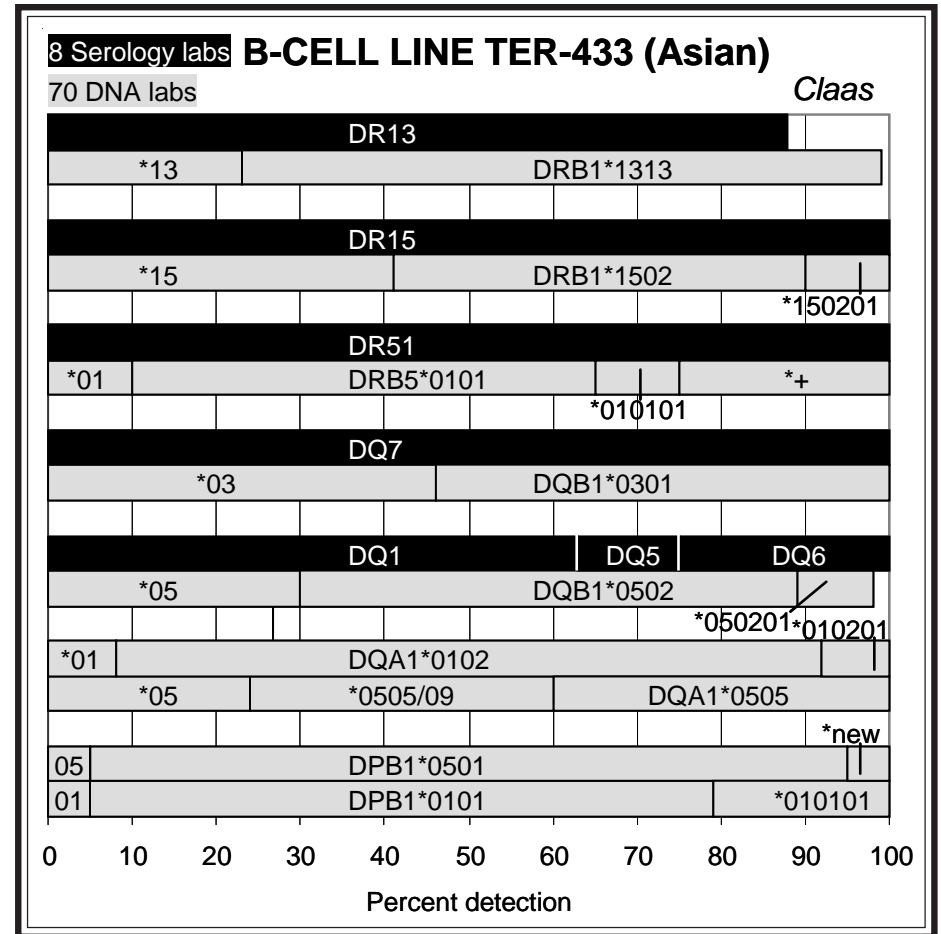
In this present retyping, DRB1\*1313 was assigned by 76% and the majority of the labs did not report a DRB3 gene. Five labs, including Clark, Colombe, Costeas, Eckels, and Jaramillo, gave comments regarding the absence of a DRB3 gene with a DRB1\*13. However, 6 labs reported that this cell was DRB3 positive; these labs should use the findings of this reference cell to resolve why DRB3 was incorrectly reported and modify their testing procedures accordingly.

Anholts et al. postulated, "The class II haplotype of the DRB\*1313 in donor XX406 represents most likely a recombination between a DR8 and a DR13 haplotype. The HV2-HV3 region, together with the telomeric DRB1\*0803 class II region, of course lacking DRB3, possibly recombined with the HV1 of DRB1\*1303 and the centromeric part of that haplotype, including DQA1\*0501, DQB1\*0301."

DPB1\*0101 and DPB1\*0501 were assigned by 95% and 90%, respectively. However, both Adams and Reinsmoen commented that a new variant related to DPB1\*0501 may be present. Adams noted that the new variant differed from DPB1\*0501, ATG->GTG, at position 700. Reinsmoen said that two different SSP kits showed unusual reaction patterns, suggesting a new variant.

The probable haplotypes were DRB1\*1313-DQB1\*0301-DQA1\*0505 and DRB1\*1502-DRB5\*0101-DQB1\*0502-DQA1\*0102 in this cell. The same DRB1\*1502 haplotype was previously found in TER-149 (also TER-38 and TER-125) from a Japanese donor, and TER-276 from a Filipino individual. DR1502 is also found in association with DQB1\*0501 and DQB1\*0601 in Asians.

DR13 (88%) and DR15 (100%) were typed in consensus. Those labs

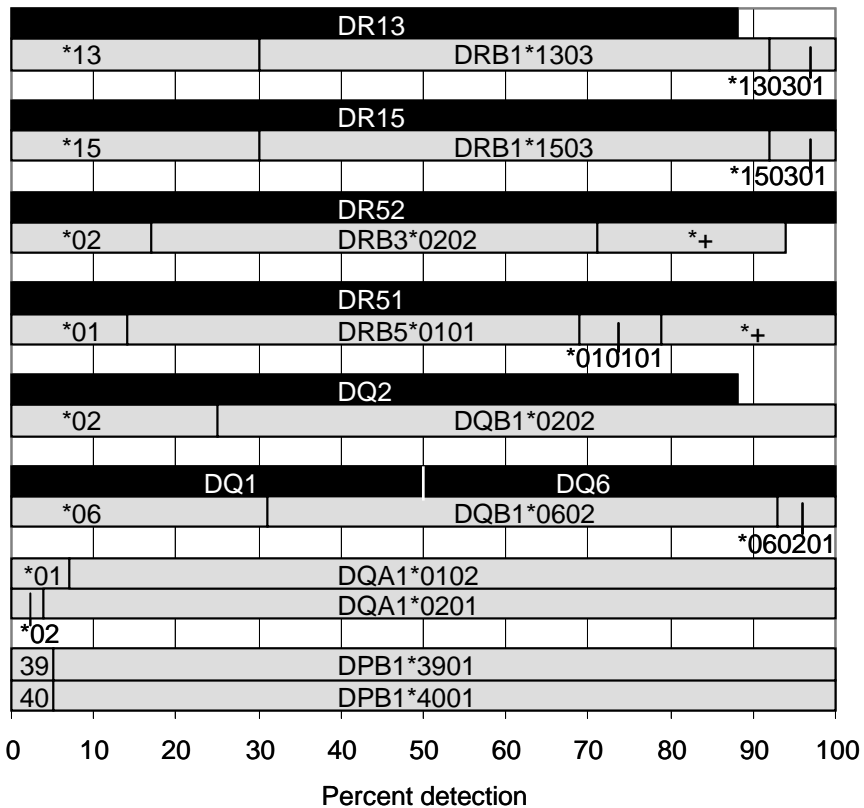


assigning DR52 (88%) were more likely observing reactivity to DRB1, not DRB3, products.

This donor was typed as extracts 165 (2001) and 250 (2003), with the results confirming the class I typing by Anholts et al. as A\*1101, A\*2402, B\*2706, B\*4801, Cw\*0102, Cw\*0801.

**8 Serology labs B-CELL LINE TER-434 (Black)**

73 DNA labs



**TER-434.** This Black donor was previously typed as TER-146 (1994) and TER-275 (2001), as identified by Ball, Hahn, Lopez-Cepero, Mah, and Stamm. The 2001 retyping resolved the DRB1\*15 subtype as DRB1\*1503 (78%).

In this present retyping, DRB1\*1503 was assigned by 75%. DRB1\*1303 was detected by 70%.

The likely haplotypes were DRB1\*1303-DRB3\*0202-DQB1\*0202-DQA1\*0201 and DRB1\*1503-DRB5\*0101-DQB1\*0602-DQA1\*0102. The DRB1\*1303-DQB1\*02 association is not as commonly found as DRB1\*1303-DQB1\*0301, found in all populations. DRB1\*1303-DQB1\*0201 was detected in another cell, TER-161, also from a Black donor.

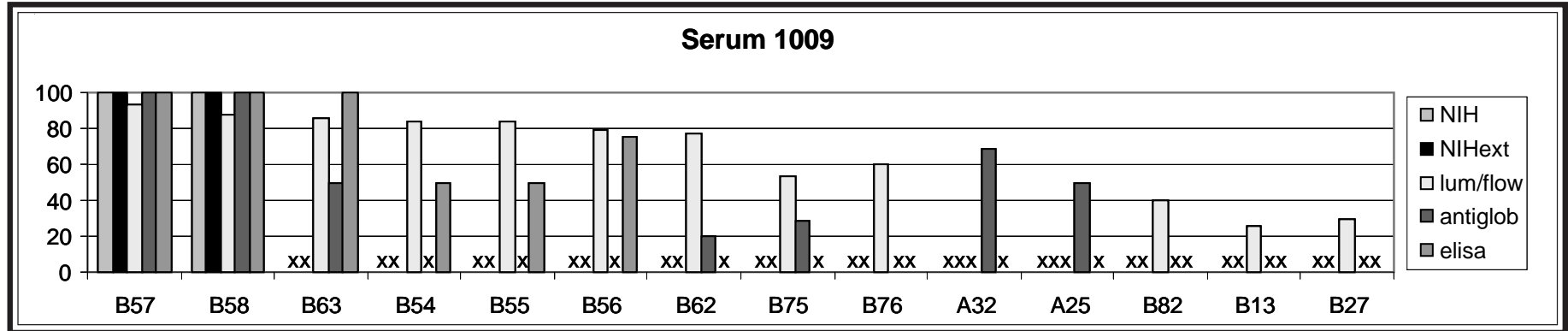
DPB1\*3901 and DPB1\*4001 were assigned in nearly complete consensus, by 95%.

## Serum Exchange

In one antibody study, 4 samples primarily positive to B17 (B57, B58) were tested. HLA-B17 has an unique amino acid (G) at residue 62, located on the alpha one helix. HLA-B17+B63 has an unique motif 65R-66N-67M-70S,

also located on the alpha one helix.

The second study featured antibodies strongly positive to B40 (B60, B61) and other 7CREG specificities.

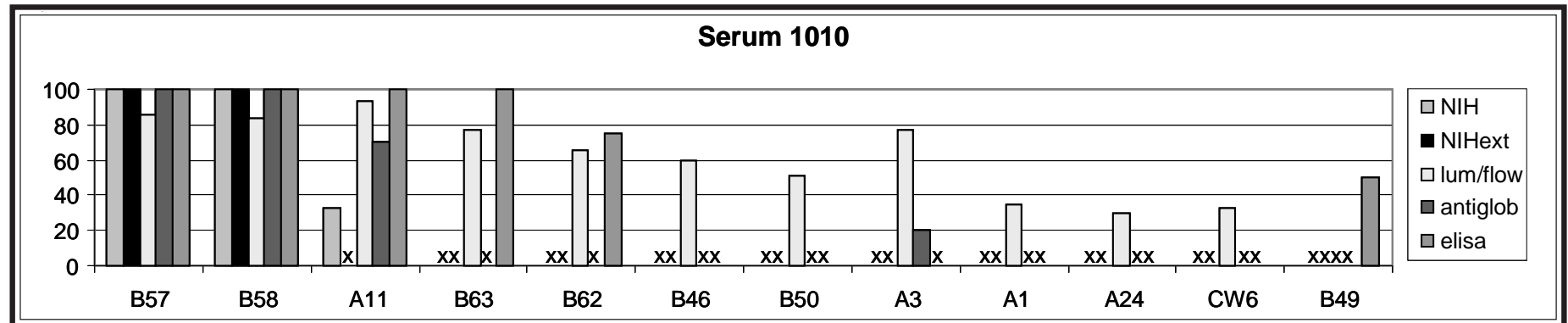


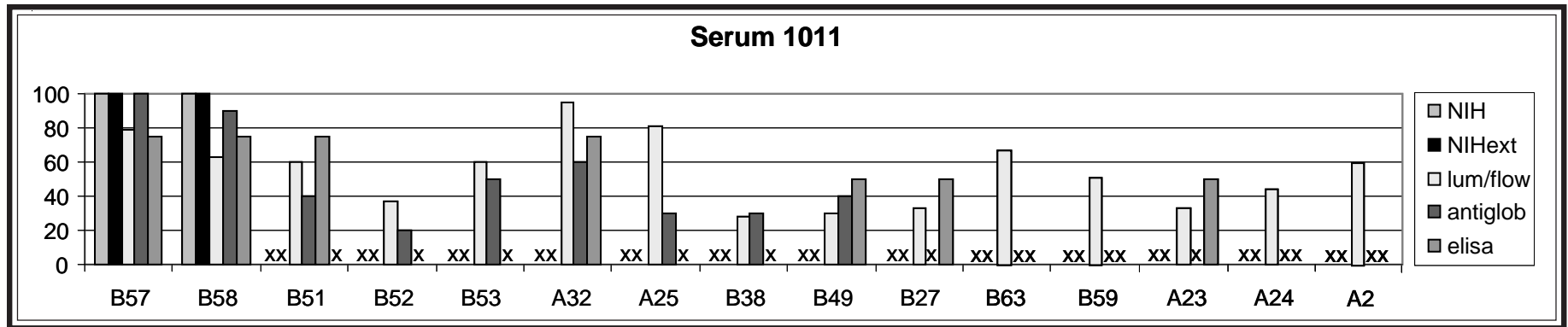
**Sera 1009-1012** were strongly reactive to B57 and B58 by all methods. All 4 sera were operatively monospecific anti-B17 antibodies when tested by NIH methods.

For **serum 1009**, additional reactivity to B63 was detected by Luminex, flow, antiglobulin, and ELISA labs. Luminex, flow, and ELISA reported reactivity to B22 (B54, B55, B56) specificities. Luminex and flow also detected varied

anti-B15 reactivity (B62, B75, B76). Interestingly, A25 and A32 were reported by antiglobulin labs.

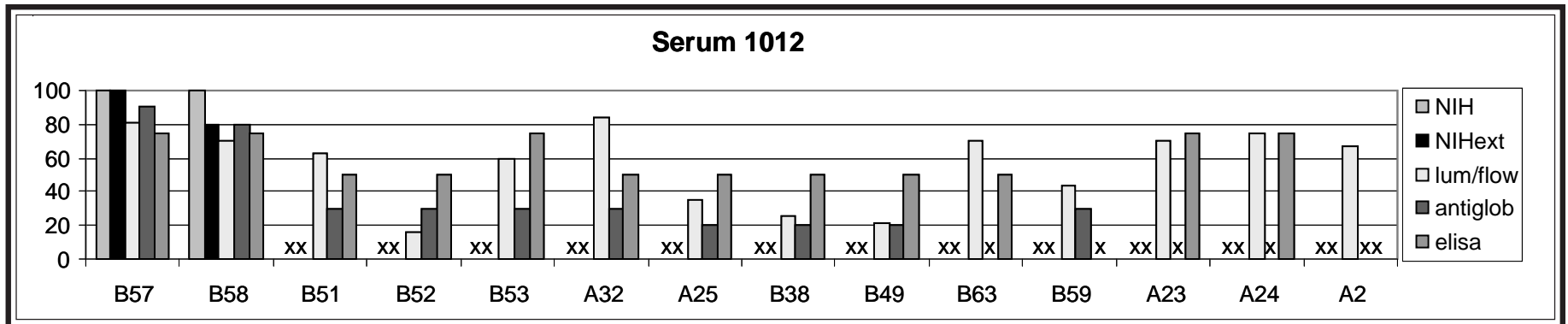
For **serum 1010**, strong additional anti-A11 reactivity was reported by Luminex, flow, antiglobulin, and ELISA. Anti-B62 and -B63 reactivity were detected by Luminex, flow, and ELISA and strong anti-A3 reactions were also reported by labs using Luminex and flow.

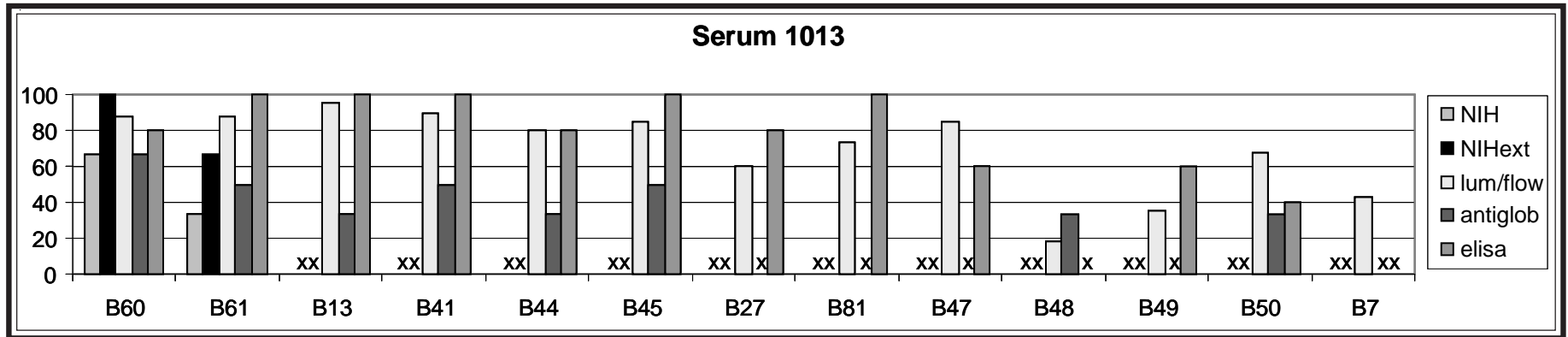




**Sera 1011** and **1012** were similar in their reactivity patterns, demonstrating additional reactions to 5CREG specificities, including B51, B52, and B53. Reactivity to various A-locus specificities, including A25, A32, A23, A24, and

A2 were also observed. The two serum samples exhibited reactivity similar to that of serum 827 in a 2004 study featuring B17 antibodies.

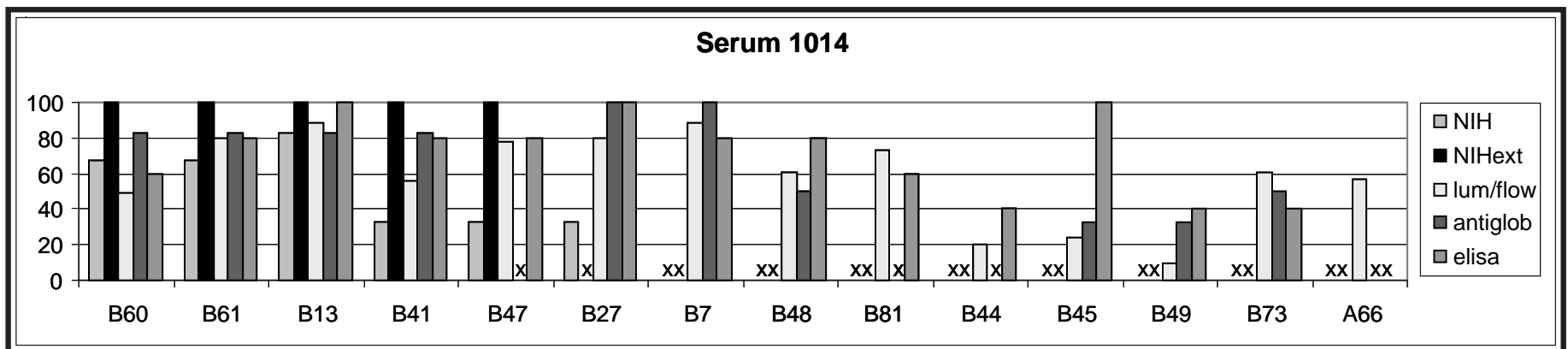


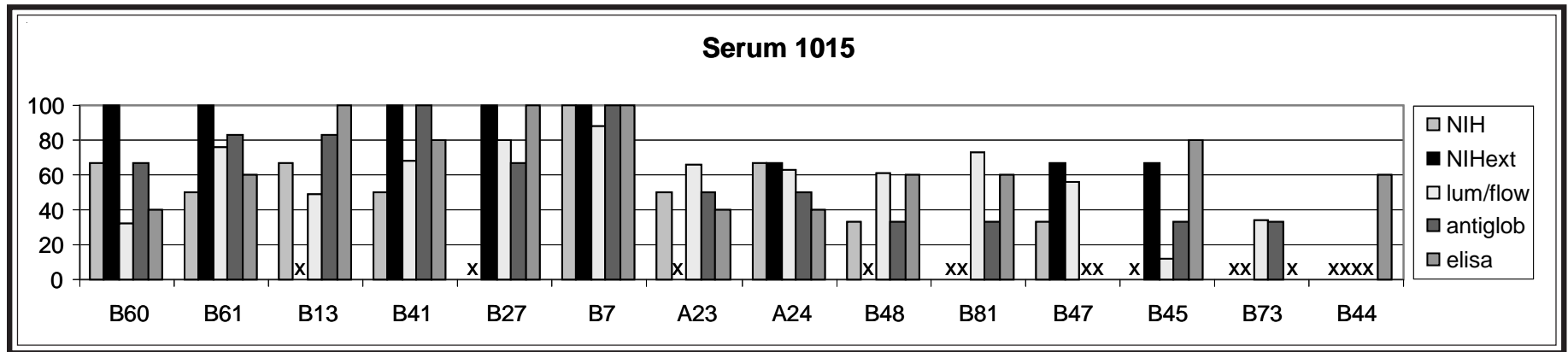


In the second antibody study, all 4 samples, **sera 1013-1016**, were positive to B60 and B61 by all methods.

**Serum 1013** was an operatively monospecific B40 antibody by NIH. The more sensitive techniques detected additional reactivity to B13, B41, B12, and B21 specificities. Luminex, flow, and ELISA labs also reported B27, B81, and B47.

**Sera 1014 and 1016** demonstrated similar reactivity patterns. Strong anti-B13 reactivity was reported by all methods. B41 was reported by all methods for serum 1014 whereas B41 was reported by all methods, except by NIH, for serum 1016. Interestingly, for serum 1014, B47 was also detected by all methods, except by antiglobulin whereas, for serum 1016, B47 was not reported by labs using antiglobulin and ELISA. Other specificities, including B27, B7,

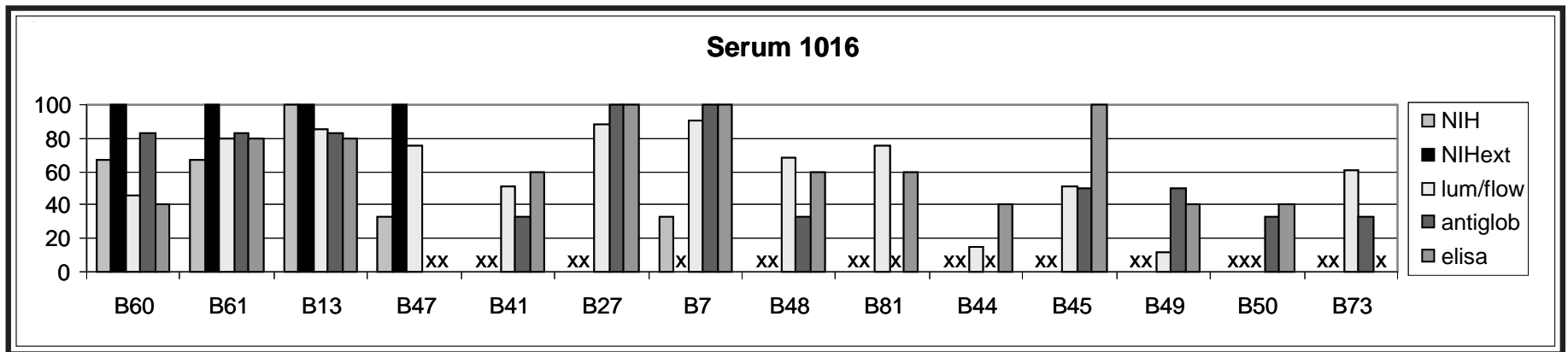




B45, B48, B73, and B81 were assigned by labs using more sensitive techniques.

**Serum 1015** was strongly positive to B7, as well as being reactive to B41 and A24 by all methods. The antibody was also reactive to A23, B13, and

B48, except by labs using extended NIH. This sample was reported to be positive to B27 and B45, except by labs using standard NIH. Luminex, flow, antiglobulin, and ELISA also reported B81.

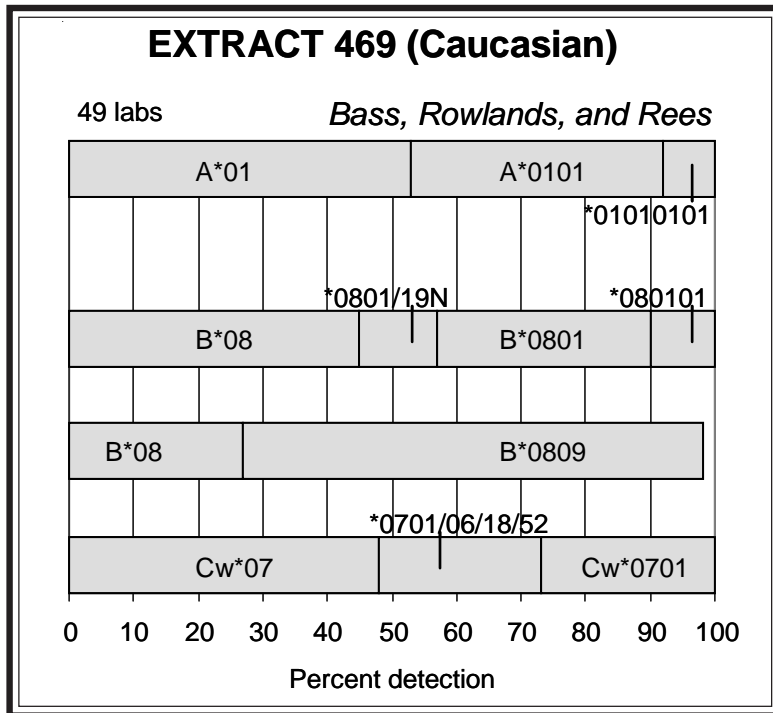




## Extract Exchange

We appreciate the collaboration of **Helen Bass, Jane Rowlands, and Tracy Rees, Wales Blood Service, Pontyclun**, in offering labs the many opportunities to study interesting reference cells in our exchanges. For this present study, these investigators provided cells with rare sequences, including

2 alleles, one B-locus and the other in the C-locus, with unique substitutions in codon 116. The investigators stated that the changes in this region may be responsible for the observed diminished serologic expression of the products.



**Extract 469.** Besides the presence of the normal B\*0801 (43%), the rare B\*0809 (71%) was detected in this Caucasian donor. Two previous exchange B\*0809 cells were highlighted in a 2006 study, as extracts 357 (also extracts 282, 2004) and 358. Extract 357 was ANO, one of the reference cells for this B-locus allele.

The probable haplotypes in this cell were A\*0101-B\*0801-Cw\*0701 and A\*0101-B\*0809-Cw\*0701. The same A\*0101-B\*0809-Cw\*0701 was also detected in the 2 previous B\*0809 exchange cells.

**Extract 470.** This Caucasian cell was 45305, a reference cell for B\*4038, as correctly identified by Brown, Chen, and Moses and Dunckley. Hammond et al. (3) said that there is only one nucleotide difference between B\*400101 and B\*4038 at position 419, exon 3, at codon 116 (TAC->TCC), resulting in an amino acid change of tyrosine to serine (Y->S).

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      116                120
B*070201 TAC GCC TAC GAC GGC
B*400101 --- --- --- --- ---
B*4038   -C- --- --- --- ---
  
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B\*4038 was typed for the first time in the Cell Exchange.

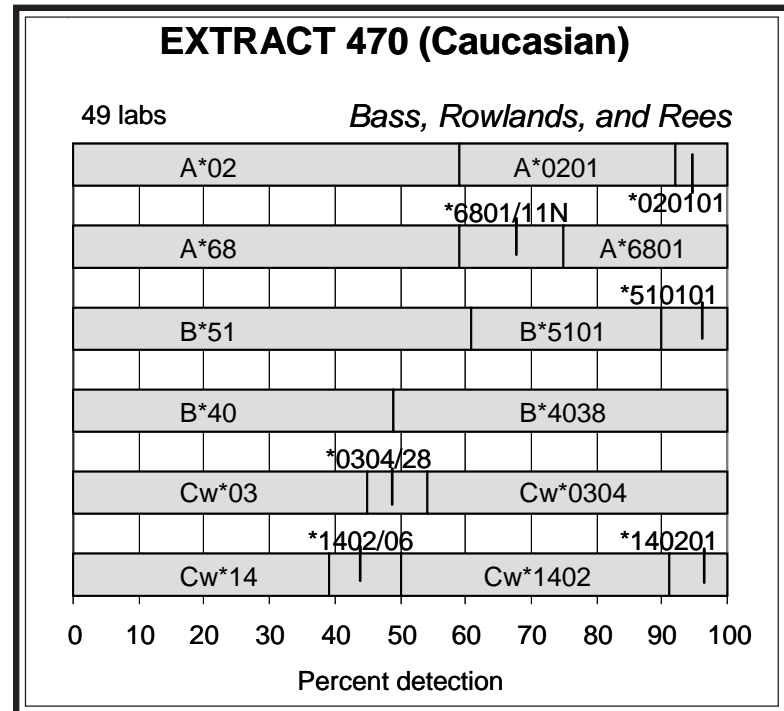
In this present typing, B\*4038 was reported by 51%. However, 12% assigned other alleles, including B\*4001/38 by 3 labs, B\*4001 by 2 labs, and B\*4007 was assigned by one lab. Hammond et al. observed no anti-B60 serological reactivity for the B\*4038 product, which matched similar findings by Tait, Victorian Transplantation and Immunogenetics Service, Australian Red Cross Blood Service, with another cell, VTIS39243, also a reference B\*4038 cell. Unusually short reactivity was also observed with anti-Bw6 sera. The investigators stated, "Clearly the substitution at position 116 has a marked effect on the B\*4038 product's reactivity with B60/B40/Bw6 antibodies," and further postulated, "The change from tyrosine to serine in the B\*4038 product may alter the ability to bind peptide effectively therefore causing its decreased stability."

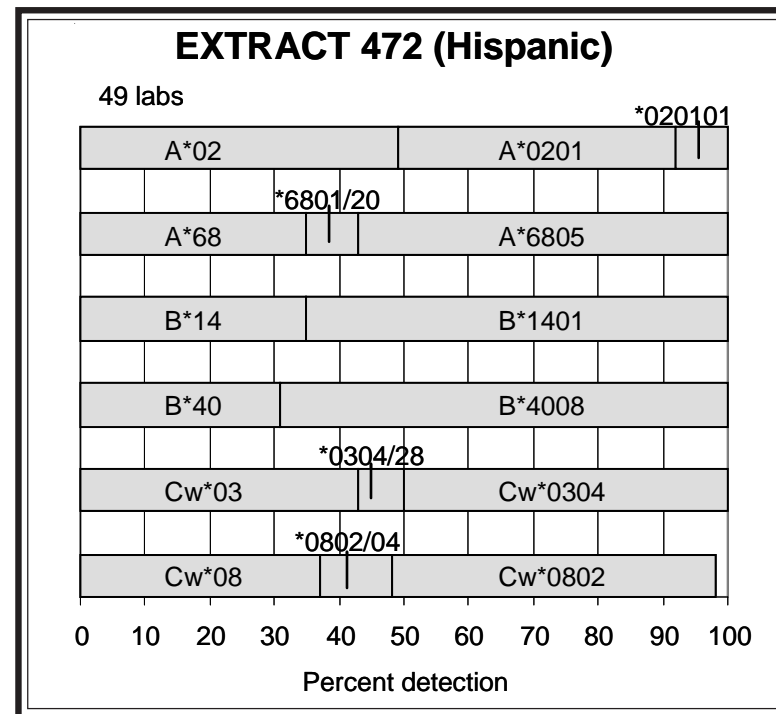
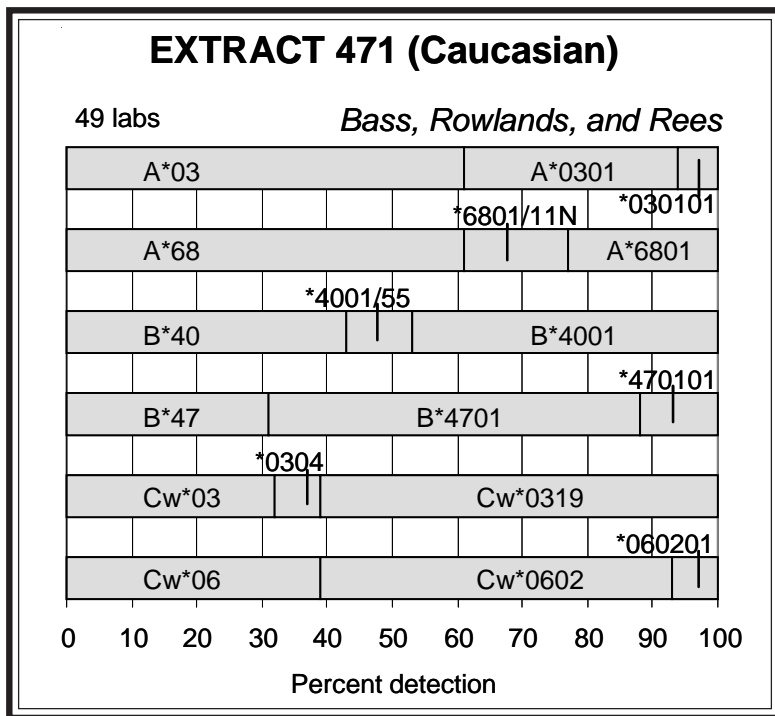
B\*5101 was detected by 39%.

The A-locus types were A\*0201 (41%) and A\*6801 (25%).

The C-locus alleles were Cw\*0304 (46%) and Cw\*1402 (50%).

The class I typings of both reference cells 45305 and VTIS39243 suggest that B\*4038 may be on the same haplotype with A\*68 and Cw\*0304. Therefore, the haplotypes in this cell may be A\*0201-B\*5101-Cw\*1402 and A\*6801-B\*4038-Cw\*0304.





**Extract 471.** Cw\*0319 was typed for the first time in the Cell Exchange in this reference cell, 46117, from a Caucasian individual, as identified by Brown and Moses and Dunckley. Street et al. (4) described, "Cw\*0319 differs from Cw\*0302 at 355 C>A, 419 C>T and 420 C>A, exon 3, causing 2 amino acid substitutions: codons 95L (leucine) > 95I (isoleucine) and 116S (serine) > 116L (leucine), alpha 2 domain." The new allele is most similar to Cw\*0312, with only one difference in codon 91, arginine is in Cw\*0312, whereas glycine is present in Cw\*0319. Interestingly, both are the only Cw\*03 products with 116L. Street et al. said that the observed weak and variable Cw3 serological reactivity may be due to 116L.

Cw\*0319 was assigned by 61%. However, 3 labs reported Cw\*0304 and one lab assigned Cw\*0302.

The other C-locus allele was Cw\*0602 (61%).

B\*4001 (47%) and B\*4701 (69%), with 12% assigning B\*470101, were the B-locus types.

From family studies including both parents and 3 siblings with this donor, Street et al. concluded that Cw\*0319 was on the same haplotype with A\*68,

B\*40, DRB1\*0403/50, DRB4\*0101/03/05/06, DQA1\*03, DQB1\*0302, DPA1\*0103/07, and DPB\*0401. The present results confirmed the A\*6801-B\*4001-Cw\*0319 and A\*0301-B\*4701-Cw\*0602 haplotypes in this cell.

**Extract 472.** This Hispanic donor was previously studied as cell 1321 (2008), as correctly identified by Moses and Dunckley.

B\*4008 was detected by 69%. In the previous 2008 typing, a high 83% assigned B\*4008. The B\*40 allele was previously detected in a number of Hispanic donors (extract 372 and cells 992, 1061, and 1101). The 2008 serologic results for this donor indicated varied anti-B40 and -B48 reactivity, that is, B40 (27%), B61 (20%), B4008 (11%), B48 (6%), and B60 (3%) were reported

The second B-locus allele was B\*1401 (65%).

A\*6805 (57%) was reported by over half of the labs. A\*6805 was also typed in extract 300 (Hisp), extract 344, and cell 1063 (Hisp).

B\*1401-Cw\*0802 and B\*4008-Cw\*0304 were the likely associations in this cell.

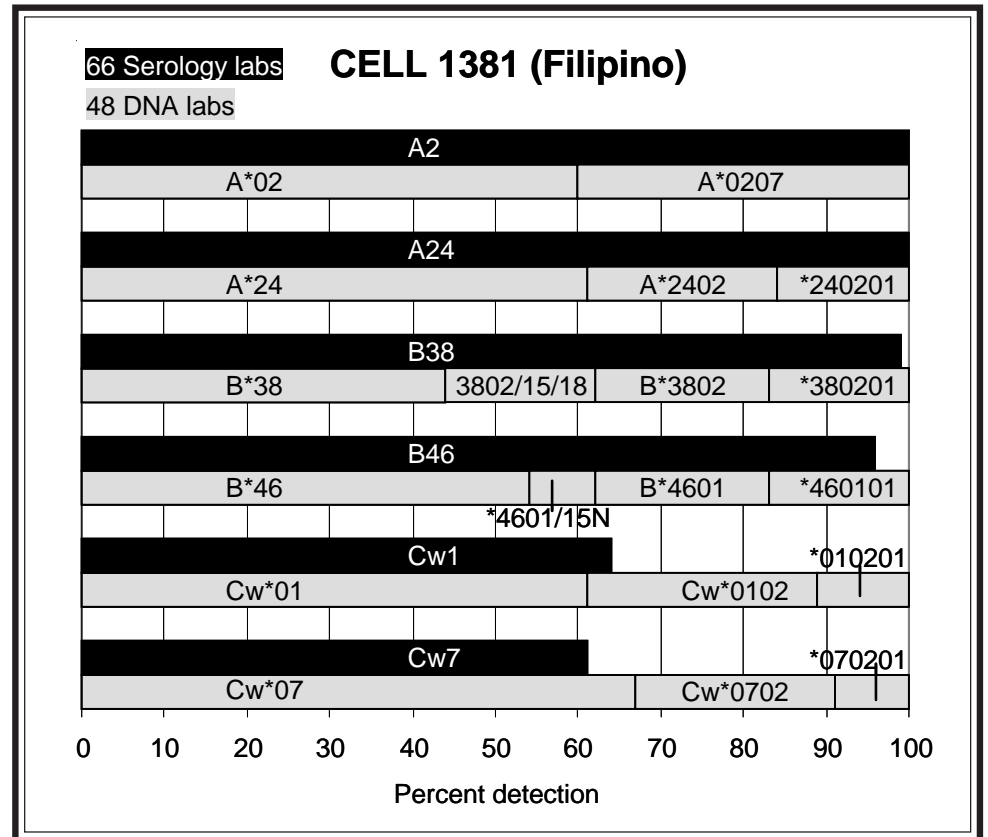
## Cell Exchange

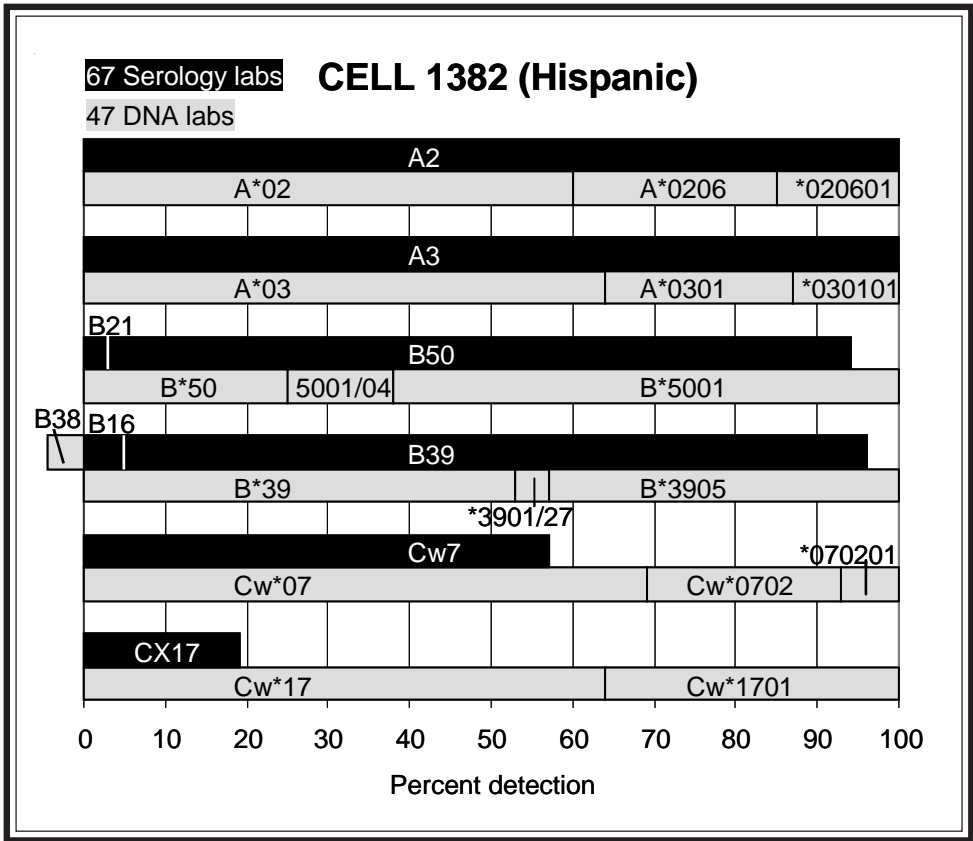
**Cell 1381.** B46 (96%) was well detected in this cell from a Filipino individual. However, there was much discussion among the labs about the non-reactivity or very weak reactions with Bw6 antibodies, as Bw6 were assigned by only 50%. Tilanus noted that B46, along with B73 and the B\*1806 product, are known to be non-reactive with Bw6 antibodies due to the presence of a valine residue at position 76, masking the Bw6 epitope, as described by Voorter et al. (5). Weak or no anti-Bw6 reactivity was observed in 4 other B46 exchange cells, including cell 840 (Korean) with Bw6 (57%), cell 880 (Chin) with Bw6 (72%), cell 907 (Japn) with Bw6 (47%), and cell 1146 (Cauc) with Bw6 (58%).

B\*4601 was assigned by 38%.

B38 (99%) was corroborated as B\*3802 (38%), with 17% assigning B\*380201.

The probable haplotypes in this cell were A\*0207-B\*4601-Cw\*0102 and A\*2402-B\*3802-Cw\*0702, both haplotypes commonly found in Asian populations.





**Cell 1382.** B39 was assigned by 91% in this Hispanic cell. Anthony Nolan Trust Laboratory, Dunk, Hahn, Keown, and Askar and Pidwell noted a variant, observing varied reactivity with anti-B16 antibodies and crossreactivity with anti-B38 sera, characteristic of B3905 cells. B\*3905 was reported by 43%.

B50 (91%) was the second B-locus antigen, confirmed as B\*5001 (62%).

Cw7 (57%) and Cx17 (19%) were verified as Cw\*0702 (31%) and Cw\*1701 (36%), respectively.

The likely associations in this donor may be A\*0206-B\*3905-Cw\*0702, a commonly found haplotype in Hispanic populations, and A\*0301-B\*5001-Cw\*1701. B\*5001 is normally found in association with Cw\*0602, therefore, it was somewhat unexpected to find B\*5001-Cw\*1701.

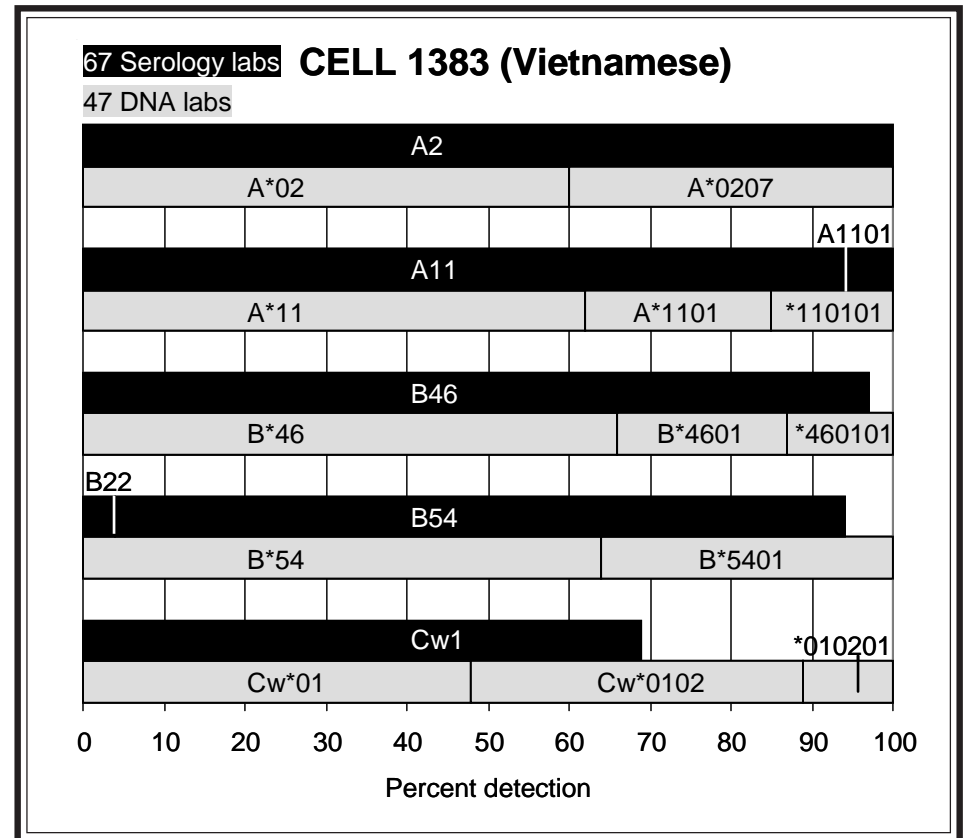
**Cell 1383.** This was the fifth time that this Vietnamese donor was typed in the Cell Exchange, also previously studied as cells 1254 (2005), 1287 (2006), 1329 (2008), and 1359 (2009), as commented by numerous labs.

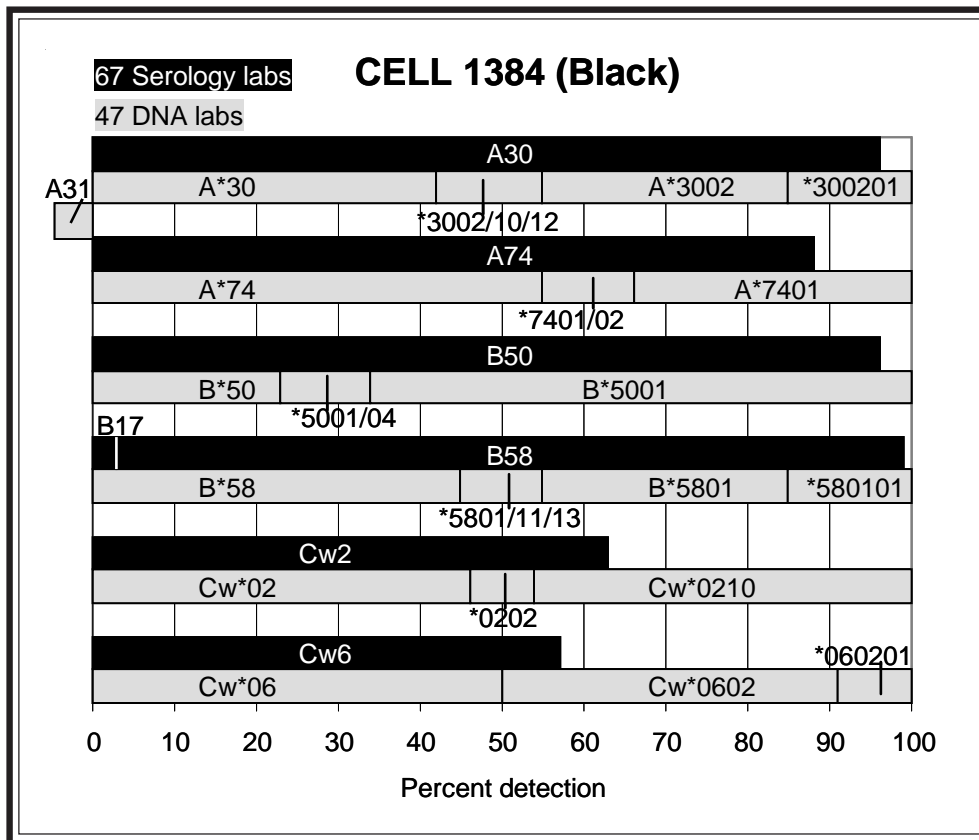
B46 was well typed, by 97%, and confirmed as B\*4601 (34%).

B54 (90%) was the second B-locus antigen, with B\*5401 reported by 36%.

Cw1 (69%) was verified as Cw\*0102 (43%) as the sole C-locus type. Interestingly, Cw7 (9%) was reported, with comments by Mah, Askar and Pidwell, and Pollack regarding this unexpected observation.

A\*0207-B\*4601-Cw\*0102 and A\*1101-B\*5401-Cw\*0102, commonly found in Asian populations, were the likely haplotypes in this cell.





**Cell 1384.** This cell from a Black individual was previously typed as cell 1223 in 2004, as correctly identified by Barnardo, Moses and Dunkley, Dunk, Lopez-Cepero, Mah, Askar and Pidwell, Stamm, and Walter Reed AMC.

Two different A19 specificities, A30 (96%) and A74 (88%), were present in this cell, confirmed as A\*3002 (45%) and A\*7401 (34%), respectively. In the previous 2004 typing, van den Berg-Loonen performed SBT of exon 1 to resolve A\*7401 from A\*7402.

B50 (96%) and B58 (96%) were corroborated as B\*5001 (66%) and B\*5801 (45%), respectively.

Cw2 was assigned by 63% and Cw\*0210 was reported by 46%. In the 2004 typing, Cw\*0202 was assigned by 57%, with 13% giving Cw\*020204. Previous cells typed as Cw\*0210 were extract 400 (2007) and 414 (2008). The Cw\*020204 sequence was renamed to Cw\*0210 in 2005. It should be noted that in this present retyping, 8% reported Cw\*0202, which may be due in part to the nomenclature change. Those labs that assigned Cw\*0202 should use this opportunity to make the necessary modifications to their typing systems.

Cw6 was the other C-locus type, confirmed as Cw\*0602.

The probable haplotypes in this donor were A\*3002-B\*5801-Cw\*0210 and A\*7401-B\*5001-Cw\*0602. In contrast to cell 1382, B\*5001 was found in the more common association with Cw\*0602.

## References

1. Anholts JDH, Verduijn W, Drabbels J, et al. Identification of two new alleles HLA-DRB1\*0312, DRB1\*0432 and of a DRB3-negative DRB1\*1313-positive haplotype. *Tissue Antigens* 2000;56:87.
2. Nooren H, Lin YS, Davidson M, et al. Identification of the DRB1\*1313 allele in a sibling pair. *Tissue Antigens* 1997;50:675.
3. Hammond L, Street J, Pepperall J and Darke C. HLA-B\*4038: Confirmatory sequence, genetics and serology. *Int J Immunogenetics* 2005;32:249.
4. Street J, Hammond L, Pepperall J and Darke C. HLA-Cw\*0319: Confirmatory sequence, genetics and serology. *Int J Immunogenetics* 2006;33:313.
5. Voorter CEM, van der Vlies S, Kik M, and van den Berg-Loonen EM. Unexpected Bw4 and Bw6 reactivity patterns in new alleles. *Tissue Antigens* 2000;56:363.

***NEXT MAILING DATE: MARCH 10, 2010***

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 \* \*  
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Cecka PhD,Michael	Los Angeles CA	Jaramillo PhD,Andres	Itasca IL	Rubocki PhD,Ronald	Scarborough ME
Chan MD,Prof Soh Ha	Singapore	Kamoun MD,Malek	Philadelphia PA	Sage,Dr Deborah	London England
Charlton PhD,Ronald	Jacksonville FL	Kato MD,Shunichi	Isehara,Kanaga	Sauer & Gottwald,	Lich
Charron,Prof D.	Paris Cedex 10	Keown MD,Paul	Vancouver BC	Schroeder MD,M.L.	Winnipeg MB
Chen,Dr Dong-Feng	Durham NC	Kihara,Masaaki	Tokyo	Scornik,Dr Juan C.	Gainesville FL
Choo MD,Yoon	Valhalla NY	Kim,Prof Tai-Gyu	Seoul	Semana MD PhD,Gilber	Rennes
Christiansen & Wit,	Perth - West A	Klein MD,Jon	Louisville KY	Senitzer PhD,David	Duarte CA
Claas,Prof F.H.J.	Leiden	Klein,Dr Tirza	Petach Tikva	Shai,Isaac	Medunsa
Clark,Dr Brendan	Leeds England	Klein_LR,Dr Tirza	Petach Tikva	Sheikh PhD,Maqsood	New Providence NJ
Cohen,Prof JHM	Reims Cedex	Kotsch PhD,Katja	Berlin	Sinnott & Gupta,	London
Colombe PhD,Beth W.	Philadelphia PA	KuKuruga PhD,Debra	Baltimore MD	Smith/MI,	Ann Arbor MI
Cooper MD,E. Shannon	Jefferson LA	Kusnierczyk PhD,Piot	Wroclaw	Snider PhD,Denis	Buffalo NY
Costeas,Dr Paul A.	Nicosia	Kvam,Vonnett	Waukesha WI	Spannagl,Dr Michael	Munich
Crowe PhD,Deborah	Nashville TN	Land,Dr Geoffrey A.	Houston TX	Sperry PhD,Roxanne	Phoenix AZ
Daniel PhD,Claude	Laval PQ	Lanzer,Prof G.	Graz	Stamm,Luz	Calgary AB
Daniel,Dr Dolly	Tamil Nadu	Lardy,Dr N.M.	Amsterdam	Stastny MD,Peter	Dallas TX
Davidson & Poulton,D	Manchester, En	Lebeck PhD,Lauralynn	San Diego CA	Stavropoulos,Maria	New Haven CT
Davis PhD,Mary	Stamford CT	Lee PhD,Kyung Wha	Anyang,Kyungki	Suciu-Foca PhD,Nicol	New York NY
del Pozo,Dr Ana	Buenos Aires	Lee,Dr Jar-How	Canoga Park CA	Sullivan PhD,Karen	New Orleans LA
Dhaliwal,Dr J.S.	Kuala Lumpur	Leech MD PhD,Stephen	Philadelphia PA	Tagliere,Jacque	Los Angeles CA
Dhanwada,Dr Subba	El Paso TX	Lim MD,Young Ae	Suwon	Tambur,Anat	Chicago IL
Dinauer,David	Brown Deer WI	Lo MD,Raymundo W.	Quezon City	Tavoularis,Dr Sofia	Ottawa ON
Du PhD,Keming	Shanghai	Loewenthal MD PhD,Ro	Tel-Hashomer	Thoni MD,Deborah	Orlando FL
Du Toit,Prof Ernette	Observatory	Lopez-Cepero PhD,May	Tampa FL	Tiercy,Dr Jean-Marie	Geneva 14
Dunckley PhD,Heather	Sydney NSW	Luger MD,Alan M.	Columbia MO	Tilanus,Prof Marcel	Maastricht
Dunk,Arthur	Lauderhill FL	MacCann,Eileen	Providence RI	Trachtenberg PhD,Eli	Oakland CA
Dunn,Dr Dale	Lubbock TX	Madrigal,Prof J.A.	London England	Trowsdale,Prof John	Cambridge
Dunn,Dr Paul	Auckland	Mah,Helen	Boston MA	Turner PhD,E.V.	Memphis TN
Dupont MD,Bo	New York NY	Mani,Dr Rama	Chennai,Tamil	Tyan,Dr Dolly	Palo Alto CA
Eckels/CPMC,	San Francisco CA	Marino,Susana R.	Chicago IL	Uhrberg,Dr Markus	Dusseldorf

Eckels/Utah,	Salt Lake City	UT	Marsh,Prof Steven	London	England	Varnavidou-Nico,Dr A	Nicosia	
Eisenbrey MD,A.Bradl	Ann Arbor	MI	Masuo,Kiyoe	Tokyo		Vidan-Jeras,Blanka	Ljubljana	
Elkhalifa MD PhD,Moh	Riyadh		McAlack PhD,Robert	Philadelphia	PA	Vilches,Dr Carlos	Madrid	
Ellis PhD,Thomas	Milwaukee	WI	McAlack-Balasub,	Philadelphia	PA	Walter Reed Army Med	Washington	DC
Endres,Dr Robert O.	Tempe	AZ	McCluskey,Prof James	Adelaide		Wassmuth,Prof Ralf	Dresden	
Esteves Kondo,Debra	Canoga Park	CA	McIntyre PhD,John A.	Beech Grove	IN	Watkins PhD,David I.	Madison	WI
Esteves-Kondo,Debra	Canoga Park	CA	Merenmies MD PhD,Jus	Helsinki		Wetmore,Marilyn	Allentown	PA
Fagoaga,Dr Omar	Detroit	MI	Meyer,Pieter Wa	Pretoria,	Gaut	Wisecarver PhD,James	Omaha	NE
Fernandez-Vina & Can	Houston	TX	Muncher,Dr Liora	Rehovot		Yu,Dr Neng	Dedham	MA
Fischer,Dr Johannes	Dusseldorf		Muncher_LR,Dr Liora	Rehovot		Yu_Neng/UMMHC,	Worcester	MA
Gandhi & Genco,Dr	Rochester	MN	Mytilineos MD,Joanni	Ulm		Zachary PhD,Andrea	Baltimore	MD
Gardiner PhD,Clair M	Dublin		Nelson PhD,Karen	Seattle	WA	Zeevi PhD,Adriana	Pittsburgh	PA
Gautreaux,Dr Michael	Winston-Salem	NC	Noreen,Harriet	Minneapolis	MN			
Gideoni,Osnat	Haifa		Norin,Dr Allen	Brooklyn	NY			

B-CELL LINE TER-431

CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal, Michel	*0404	*1602			*0402	*0502					P-RVSSO, SSP
5488 Adams, Sharon	*0404	*160201	*01	*0202	*0402	*050201	*0102	*0303	*020102	*0402	RSSO, SBT, SSP
8062 Al-Attas, Ra	*04	*16	*01/*02	*01/*02	*04	*05					RVSSO
2300 Allegheny Ge	*04	*16	*+	*+	*04	*05	*01	*03			RVSSO
5133 Baker, Judy	*0404	*1602	*0103	*0202	*0402	*0502					SSP, SBT
105 Ball, Edward	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303	*0201+	*0402	P-SSP
2020 Barnardo, Mar			*0101-05/07	*0202	*0402	*050201	*0102/06	*0301-03	*020102	*0402	SBT, P-SSP
774 Cecka, J. Mich	*0404	*1602/11	*0103	*0202	*0402	*0502	*0102	*0303			SSP, SSOP
785 Chan, Soh Ha	*0404	*1602	*01		*0402	*0502/05	*0102	*0301-03			SBT
4492 Charron, D.	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303	*0201	*0402+	
3224 Chen, Dongfen	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0301-03			SBT, RSSO, SSP
8021 Clark, Brenda	*0404	*1602	*0101-030101+	*01/*02	*0402	*0502			*0201	*0402	P-SSP, SSO-DR
3632 Colombe, Beth	*0404	*1602	*0103	*0202	*0402	*0502					SSP
3904 Cooper, E. Sha	*0404	*160201/0202+	*01030101+	*0202	*0402	*050201/0202					P-SSP
5130 Costeas, Paul	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303			SSP
779 Daniel, Claud	*04	*16	*01010101+	*010101-13+	*0401/02	*050101-05					P-SSP
5219 Daniel, Dolly	*04	*16	*+	*+	*04	*05					P-SSOP
5323 Dhaliwal, J. S	*0404	*1602	*01	*02	*04	*05					
5891 Du, Keming	*0404	*1602			*0402	*0502					P-SBT
856 Dupont, Bo	*0468	*1602/10-12			*0402	*0502/05					SSO
5214 Eckels/CPMC	*04	*1602	*01	*0202	*0402	*05	*0102	*03			SSOP
3428 Eckels/Utah	*0404/23	*1602			*0402	*0502/05	*0102	*0301-03			SSOP
4251 Ellis, Thomas	*0404	*1602	*0101/03/06	*0202	*0402	*0502			*0201	*0402+	P-SSO, SEQ
3135 Fischer, John	*0404	*1602	*0103	*0202	*0402	*0502			*0201	*0402	SBT, P-SSP
762 Fischer/Mayr	*0404	*1602	*0103	*0202	*0402	*0502					RSSO, LBT, SSP+
792 Gandhi&Genco	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303			P-SSO, SSP
8043 Gideoni, Oсна	*0404	*1602			*0402	*0502					SSP
9002 Gideoni_LR	*04	*16			*04	*05					SSP
910 Hahn, Amy B.	*0404	*1602/11	*0103	*0202	*0402	*0502					SSP
4691 Hajeer, Ali	*04	*16	*+	*+	*04	*05					SSO
810 Hamdi, Nuha	*0404	*1602			*0402	*0502					SSO
4269 Hanau, Daniel	*0404	*160201	*0103	*0202	*0402	*0502			*0201	*0402	SSP, SBT, RSSO
1461 Hidajat, M	*0404	*1602	*0103	*0202	*0402	*0502			*0201	*0402	SSO, SSP
2344 Hurley/Hartz	*0404	*160201			*0402	*050201			*020102	*0402+	SBT
771 Israel, Shosh	*0404	*1602			*0402	*0502					RVSSO, SSP
9003 Israel_LR	*04	*16			*04	*05					RVSSO
748 Jaramillo, An	*04	*16	*+	*+	*04	*05			*02	*04	P-SSP, SSOP
859 Kamoun, Malek	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0301-03			P-SSO, SSP
797 Kato, Shunich	*0404	*1602			*0402	*0502/05					SSO, +SBT-DR
4337 Kim, Tai-Gyu	*0404	*1602			*0402	*0502			*0201	*0402	SBT
168 Klein, Tirza	*0404	*1602			*0402	*0502					P-SSP
9000 Klein_LR	*04	*16			*04	*05					P-SSO
87 Land, Geoffre	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303	*0201	*0402	SSO, SBT, SSP
725 Lardy, N, M.	*04	*16	*+	*+	*04	*05	*0102	*0303			SSO, SSP
278 Lee, Jar-How	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0301-03	*0201	*0402	SSP, RVSSOP
640 Lee, Kyung Wh	*0404	*1602			*0402	*0502	*010202	*0303			P-SBT
274 Lo, Raymundo	*04	*16	*+	*+	*04	*05					SSP
731 Loewenthal, R	*0404	*160201			*0402	*0502/05					SBT, SSO
759 Lopez-Cepero	*0404/23/44+	*1602			*0402	*0502/05	*0102	*0301-03	*0201+	*0402+	RVSSO
23 Mah, Helen	*0404	*1602	*0101/03/06	*0202	*0402	*0502	*0102	*0301-03			SSO, SSP
8029 Mani, Rama	*04	*16									P-SSP
9916 McIntyre, Joh	*0404	*160201	*0103	*0202	*0402	*0502					SBT, SSP
794 Merenmies, Ju	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303	*0201	*0402+	SBT, SSO, SSP
8042 Muncher, Lior	*0404	*1602			*0402	*0502					SSP, SSOP
5096 Park, Yun Mi	*04	*16									P-SSO
3648 Pereira, Noem	*0404	*160201			*0402	*050201					RVSSO, SBT
3966 Permpikul&Ve	*0404	*1602	*0103	*0202	*0402	*0502					P-SSP

B-CELL LINE TER-431

CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
2400 Phelan, Donna	*0404	*1602	*01	*02	*0402	*0502					RSSO, SSP, SBT
4689 Rajczy, Katal	*0404/44	*1602	*0103	*0202	*0402	*0502					P-SSP
3753 Reed, Elaine	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0301-03			SBT, SSO, SSP
3625 Rees, Tracey	*0404	*1602	*0101/03/06	*0202	*0402	*0502	*0102/06	*03	*0201	*0402	P-SSP, SBT
3798 Reinsmoen, N	*0404	*160201	*0103	*0202	*0402	*0502	*0102	*0303	*0201	*0402	SSP, RSSO, SBT
1160 Rosen-Bronso	*04	*1602	*01	*0202	*0402	*05					RVSSO
793 Rubocki, Rona	*04	*16	++	++	*04	*05					P-SSP
8001 Sheikh, Maqso	*0404	*1602	*0103	*0202	*0402	*0502					
735 Smith/MI	*0404	*1602	++	++	*0402	*0502	*0102	*0303	*0201	*0402	SEQ, SSP, SSOP
746 Stamm, Luz	*0404	*1602/11	*01	*02	*0402	*0502					RVSSO, SSP
13 Tagliere, Jac	*0404	*1602	*0103	*0202	*0402	*0502					SSP
5451 Tilanus, Marc	*0404	*160201	*01030101	*0202	*0402	*050201	*010202	*0303	*020102	*0402	SBT
4021 Trachtenberg	*04	*16	*01/*0201N	*0202/04	*0402	*0502/05					RVSSO
5642 Varnavidou-N	*0404	*1602	++	++	*0402	*0502					P-SSP
705 Watkins, Dav	*0404	*1602	*0101g	*0202/05	*0402	*0502/05					SSO, SEQ
3511 Zeevi, Adrian	*0404	*1602	*0103	*0202	*0402	*0502	*0102	*0303	*0201	*0402	RVSSOP, SSP

CTR DIRNAME	DR4	DR2	DR53	DR51	DQ4	DQ1	OTH1	OTH2
4492 Charron, D.	+	DR15	+	+	+	+		
3904 Cooper, E. Sha	+	+	+	+	+	+		
910 Hahn, Amy B.	+	DR16	+	+	+	+		
4908 Kvam, Vonnett	+	DR16	+	+	+	DQ5		
54 McAlack, Robe	+	DR16	+	+	+	DQ6		
8004 Pais, Maria L	+	DR16	+	+	+	DQ6		
2400 Phelan, Donna	+	DR16	+	+	+	+		
793 Rubocki, Rona	+	DR16	+	+	+	DQ5		
8063 Shai, Isaac	+	DR16	+	+	+	DQ5	DR52	

B-CELL LINE TER-431 (Caucasian)

73 DNA LABS

72 LABS REPORTING DRB1

DRB1*04	28%
DRB1*0404	71%
DRB1*0468	1%
DRB1*04	100% TOTAL

DRB1*16	22%
DRB1*1602/11	6%
DRB1*1602	61%
DRB1*160201	11%
DRB1*16	100% TOTAL

52 LABS REPORTING DRB4

DRB4*+	21%
DRB4*0103	50%
DRB4*01030101	2%
DRB4*01	27%

51 LABS REPORTING DRB5

DRB5*+	23%
DRB5*0202	67%
DRB5*02	10%

9 SEROLOGY LABS

DR4	100%
DR2	11%
DR15	11%
DR16	78%
DR2	100% TOTAL
DR53	100%
DR51	100%

71 LABS REPORTING DQB1

DQB1*04	18%
DQB1*0402	82%
DQB1*04	100% TOTAL

DQB1*05	21%
DQB1*0502/05	11%
DQB1*0502	61%
DQB1*050201	7%
DQB1*05	100% TOTAL

26 LABS REPORTING DQA1

DQA1*01	11%
DQA1*0102	81%
DQA1*010201	8%
DQA1*01	100% TOTAL

DQA1*03	46%
DQA1*0303	54%
DQA1*03	100% TOTAL

21 LABS REPORTING DPB1

DPB1*02	5%
DPB1*0201+	9%
DPB1*0201	67%
DPB1*020102	19%
DPB1*02	100% TOTAL

DPB1*04	5%
DPB1*0402+	5%
DPB1*0402/*0602	19%
DPB1*0402	71%
DPB1*04	100% TOTAL

DQ4	100%
DQ1	45%
DQ5	33%
DQ6	22%
DQ1	100% TOTAL

B-CELL LINE TER-432

CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal, Michel	*0401/76	*1504			*0302	*0602					P-RVSSO, SSP
5488 Adams, Sharon	*040101	*1504	*01	*0101	*0302	*0602	*0102	*0301	*040101		RSSO, SBT, SSP
8062 Al-Attas, Ra	*04	*15	*01/*02	*01/*02	*03	*06					RVSSO
2300 Allegheny Ge	*04	*15	*+	*+	*03	*06	*01	*03			RVSSO
5133 Baker, Judy	*0401	*1504	*0103	*0101	*0302	*0602					SSP, SBT
105 Ball, Edward	*0401/76	*1504	*0103	*0101	*0302	*0602/24	*0102	*0301	*0401/*2302N+		P-SSP
2020 Barnardo, Mar	*040101	*1504	*0101-05/07	*0101-05/07+	*030201	*060201	*0102/06	*0301-03	*040101		SBT, P-SSP
774 Cecka, J. Mich	*0401/76	*1504	*0103	*0101	*0302	*0602/33	*0102	*0301			SSP, SSOP
785 Chan, Soh Ha	*0401/13	*1504/15	*01	*01	*0302/08+	*0602/14+	*0102	*0301-03			SBT
4492 Charron, D.	*0401/76	*1504	*0103	*0101	*0302	*0602	*0102	*0301	*0401/*2302N+		
3224 Chen, Dongfen	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301-03			SBT, RSSO, SSP
8021 Clark, Brenda	*0401/38/72	*1504	*0101-030101+	*01/*02	*0302	*0602			*0401		P-SSP, SSO-DR
3632 Colombe, Beth	*0401	*1504	*0103	*0101	*0302	*0602					SSP
3904 Cooper, E. Sha	*040101/0102+	*1504	*01030101/0302+	*010101/02	*030201	*060201+					P-SSP
5130 Costeas, Paul	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301			SSP
779 Daniel, Claud	*04	*15	*01010101+	*010101+/*02+	*03(DQ8)	*06					P-SSP
5219 Daniel, Dolly	*04	*15	*+	*+	*03	*06					P-SSOP
5323 Dhaliwal, J. S	*0401	*1504	*0103	*0101	*(DQ8)	*06					
5891 Du, Keming	*0401	*1504			*0302	*0602					P-SBT
856 Dupont, Bo	*0401/34/35+	*1501/04+			*0302/05+	*0602/11					SSO
5214 Eckels/CPMC	*04	*15	*01	*0101	*0302	*0602	*0102	*03			SSOP
3428 Eckels/Utah	*0401/38/72	*1504			*0302	*0602	*0102	*0301-03			SSOP
4251 Ellis, Thomas	*0401	*1504	*0101/03/06	*0101	*0302	*0602			*0401	*0401	P-SSO, SEQ
3135 Fischer, John	*0401	*1504	*0103	*0101	*0302	*0602			*0401		SBT, P-SSP
762 Fischer/Mayr	*0401	*1504	*0103	*0101	*0302	*0602					RSSO, LBT, SSP+
792 Gandhi&Genco	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301			P-SSO, SSP
8043 Gideon, Osna	*0401	*1504			*0302	*0602					SSP
9002 Gideoni_LR	*04	*15			*03	*06					SSOP, SSP
910 Hahn, Amy B.	*0401/76	*1504	*0103	*0101	*0302	*0602/33					SSP
4691 Hajeer, Ali	*04	*15	*+	*+	*03	*06					SSO
810 Hamdi, Nuha	*0401	*1504			*0502	*0602					SSO
4269 Hanau, Daniel	*0401/38/72	*1504									P-RVSSO
1461 Hidajat, M.	*0401	*1504	*0103	*0101	*0302	*0602			*0401	*0401	SSO, SSP
2344 Hurley/Hartz	*040101	*1504			*030201	*060201			*040101	*040101	SBT
771 Israel, Shosh	*0401	*1504			*0302	*0602					RVSSO, SSP
9003 Israel_LR	*04	*15			*03	*06					RVSSO
748 Jaramillo, An	*04	*15	*+	*+	*03(DQ8)	*06			*04		P-SSP, SSOP
859 Kamoun, Malek	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301-03			P-SSO, SSP
797 Kato, Shunich	*0401	*1504			*0302/08+	*0602/14+					SSO, +SBT-DR
4337 Kim, Tai-Gyu	*0401	*1504			*0302	*0602			*0401		SBT
168 Klein, Tirza	*0401	*1504			*0302	*0602					P-SSP
9000 Klein_LR	*04	*15			*03	*06					P-SSO
87 Land, Geoffre	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301	*0401	*0401	SSO, SBT, SSP
725 Lardy, N, M.	*04	*15	*+	*+	*03	*06	*0102	*0301			SSO, SSP
278 Lee, Jar-How	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301-03	*0401		SSP, RVSSOP
640 Lee, Kyung Wh	*0401	*1504			*0302	*0602	*010201	*030101			P-SBT
274 Lo, Raymundo	*04	*15	*+	*+	*0302	*06					SSP
731 Loewenthal, R	*040101	*1504			*0302	*06					SBT, SSO
759 Lopez-Cepero	*0401/33/38+	*1504/05+			*0302	*0602	*0102	*0301-03	*0401		RVSSO
23 Mah, Helen	*0401/72	*1504	*0101/03/06	*0101	*0302	*0602	*0102	*0301-03			SSO, SSP
8029 Mani, Rama	*04	*15									P-SSP
9916 McIntyre, Joh	*040101	*1504	*0103	*010101	*0302	*060201					SBT, SSP
794 Merenmies, Ju	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301	*0401		SBT, SSO, SSP
8042 Muncher, Lior	*0401	*1504			*0302	*0602					SSP, SSOP
5096 Park, Yun Mi	*04	*15									P-SSO
3648 Pereira, Noem	*040101	*1504			*0302	*0602					RVSSO, SBT
3966 Permpikul&Ve	*0401	*1504	*0103	*0101	*0302	*0602					P-SSP

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CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
2400 Phelan, Donna	*0401	*1504	*01	*01	*0302	*0602					RSSO, SSP, SBT
4689 Rajczy, Katal	*0401	*1504	*0103	*010101	*0302	*060201					P-SSP
3753 Reed, Elaine	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301-03			SBT, SSO, SSP
3625 Rees, Tracey	*0401	*1504	*0101/03/06	*0101	*0302	*0602	*0102	*03	*0401		P-SSP, SBT
3798 Reinsmoen, N	*040101	*1504	*0103	*0101	*030201	*0602	*0102	*0301	*0401/*2302N		SSP, RSSO, SBT
1160 Rosen-Bronso	*04	*15	*01	*0101	*03	*06					RVSSO
793 Rubocki, Rona	*04	*15	*+	*+	*03(DQ8)	*06					PCR-SSP
8001 Sheikh, Maqso	*0401	*1504	*0103	*0101	*0302	*0602					
735 Smith/MI	*0401	*1504	*+	*+	*0302	*0602	*0102	*0301	*0401		SEQ, SSP, SSOP
746 Stamm, Luz	*0401	*1504	*01	*01	*0302	*0602					RVSSO, SSP
13 Tagliere, Jac	*0401	*1504	*0103	*0101	*0302	*0602					SSP
5451 Tilanus, Marc	*040101	*1504	*01030101	*010101	*030201	*060201	*010201	*030101	*040101		SBT
4021 Trachtenberg	*04	*15	*01/*0201N	*01	*0302	*06					RVSSO
5642 Varnavidou-N	*0401	*1504	*+	*+	*030201	*0602					P-SSP
705 Watkins, Dav	*0401	*1504	*0101g	*0101/09/12	*0302	*0602/11+					SSO, SEQ
3511 Zeevi, Adrian	*0401	*1504	*0103	*0101	*0302	*0602	*0102	*0301	*0401		RVSSOP, SSP

CTR DIRNAME	DR4	DR15	DR53	DR51	DQ3	DQ6	OTH1	OTH2
4492 Charron, D.	+	+	+	+	+	DQ1		
3904 Cooper, E. Sha	+	DR2	+	+	+	DQ1		
910 Hahn, Amy B.	+	+	+	+	DQ8	DQ1		
4908 Kvam, Vonnett	+	+	+	+	DQ8	+		
54 McAlack, Robe	+	+	+	+	DQ8	+		
8004 Pais, Maria L	+	+	+	+	DQ8	+		
2400 Phelan, Donna	+	+	+	+	DQ8	DQ1		
793 Rubocki, Rona	+	+	+	+	DQ8	+		
8063 Shai, Isaac	+	+	+	+	DQ7	+	DR52	

B-CELL LINE TER-432

73 DNA LABS

73 LABS REPORTING DRB1

DRB1*04	34%
DRB1*0401/76	7%
DRB1*0401	48%
DRB1*040101	11%
DRB1*04	100% TOTAL
DRB1*15	27%
DRB1*1504	73%
DRB1*15	100% TOTAL

51 LABS REPORTING DRB4

DRB4*+	22%
DRB4*0103	51%
DRB4*01030101	2%
DRB4*01	25%

50 LABS REPORTING DRB5

DRB5*+	24%
DRB5*0101	58%
DRB5*010101	6%
DRB5*01	12%

9 SEROLOGY LABS

DR4	100%
DR2	11%
DR15	89%
DR2	100% TOTAL
DR53	100%
DR51	100%

70 LABS REPORTING DQB1

DQB1*03	23%
DQB1*0302	67%
DQB1*030201	9%
DQB1*03	99% TOTAL
DQB1*06	34%
DQB1*0602	59%
DQB1*060201	7%
DQB1*06	100% TOTAL

26 LABS REPORTING DQA1

DQA1*01	8%
DQA1*0102	84%
DQA1*010201	8%
DQA1*01	100% TOTAL
DQA1*03	46%
DQA1*0301	46%
DQA1*030101	8%
DQA1*03	100% TOTAL

20 LABS REPORTING DPB1

DPB1*04	5%
DPB1*0401+	15%
DPB1*0401	60%
DPB1*040101	20%
DPB1*04	100% TOTAL

DQ3	22%
DQ7	11%
DQ8	67%
DQ3	100% TOTAL
DQ1	44%
DQ6	56%
DQ1	100% TOTAL



## B-CELL LINE TER-433

CTR	DIRNAME	DRB1	DRB1X	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal, Michel	*1313	*1502		*0301	*0502					P-RVSSO, SSP
5488	Adams, Sharon	*1313	*150201	*0101	*030101	*050201	*0102	*0505	*010101	*new	RSSO, SSP, SBT
2300	Allegheny Ge	*13	*15	*+	*03	*05	*01	*05			RVSSO
105	Ball, Edward	*1313	*1502	*0101	*0301/24	*0502	*0102	*0505/09	*0101	*0501	P-SSP
2020	Barnardo, Mar	*1313	*150201	*0101-05/07+	*030101	*050201	*0102/06	*0505/08/09	*010101	*050101+	P-SSP, SBT
774	Cecka, J. Mich	*1313	*1502/26/29+	*0101	*0301/21/22	*0502	*0102	*0505/08/09			SSP, SSOP
785	Chan, Soh Ha	NT									
4492	Charron, D.	*1313	*1502	*0101	*0301/13	*0502	*0102	*0505/09			P-SSO, SSP
3224	Chen, Dongfen	NT									
8021	Clark, Brenda	*1313	*1502	*01/*02	*0301	*0502			*0101	*0501	P-SSP, SSO
3632	Colombe, Beth	*1313	*1502	*0101	*0301	*0502					SSP
3904	Cooper, E. Sha	*1313	*1502	*0101	*0301	*0502					P-SSP
5130	Costeas, Paul	*1313	*1502	*0101	*0301	*0502	*0102	*0505			SSP, SSO
779	Daniel, Claud	*1313/47/55+	*15	*0101+/*0202+	*0301	*050101+					P-SSP
5219	Daniel, Dolly	*13	*15	*+	*03	*05					P-SSOP
8052	Del Pozo, Ana	*1313	*15		*03	*05	*0102	*05			SSO
5323	Dhaliwal, J.S	*1313	*1502/26	*0101	*03	*05					P-SSP
5891	Du, Keming	*1313	*1502/19		*0301	*0502					
856	Dupont, Bo	*1313	*1502/08/11+		*0301/19/21+	*0502/05					SSO
5214	Eckels/CPMC	*1313	*15	*0101	*03	*05	*0102	*05			SSOP
3428	Eckels/Utah	*1313	*1502		*0301	*0502	*0102	*0505/09			SSOP
4251	Ellis, Thomas	*1313	*1502	*0101	*0301	*0502			*0101	*0501	P-SSO, SEQ
3135	Fischer, John	*1313	*1502	*0101	*0301	*0502			*0101	*0501	SBT, P-SSP
762	Fischer/Mayr	*1313	*1502	*0101	*0301	*0502	*0102	*0505			RSSO, LBT, SSP+
792	Gandhi&Genco	*1313	*1502	*0101	*0301	*0502	*0102	*0505/08/09			P-SSO, SSP
8043	Gideon, Osna	*1313	*1502		*0301	*0502					SSP, SSOP
9002	Gideon_LR	*13	*15		*0301/04/09	*05					SSP, SSOP
910	Hahn, Amy B.	*1313	*1502/26/29+	*0101	*0301/21/22	*0502					SSP
4691	Hajeer, Ali	*13	*15	*+	*03	*05					SSO
810	Hamdi, Nuha	*1313	*1502		*0313	*0502					SSO
4269	Hanau, Daniel	*1313	*150201		*0301/24	*0502			*0101	*0501	SSP, SBT, SSO
1461	Hidajat, M	*1313	*1502	*0101	*0301	*0502			*0101	*0501	SSO, SSP
2344	Hurley/Hartz	*1313	*150201		*030101/19	*050201			*010101	*050101+	SBT, SSOP
771	Israel, Shosh	*1313	*1502		*0301	*0502					RVSSO, SSP
9003	Israel_LR	*13	*15		*03	*05					RVSSO
748	Jaramillo, An	*13	*15	*01	*03(DQ7)	*05			*01	*05	P-SSP, SSO
859	Kamoun, Malek	*1313	*1502	*0101	*0301	*0502	*0102	*0505/09			P-SSP, SSO
797	Kato, Shunich	*1313	*1502		*0301/09/19+	*0502/05					SSO, +SBT-DR
4337	Kim, Tai-Gyu	*1313	*1502		*0301	*0502			*0101	*0501	SBT
168	Klein, Tirza	*1313	*1502		*0301	*0502					P-SSO, SSP
9000	Klein_LR	*13	*15		*03	*05					P-SSO, SSP
87	Land, Geoffre	*1313	*1502	*0101	*0301	*0502	*0102	*0505	*0101	*0501	SSP, SSO, SBT
725	Lardy, N.M.	*13	*15	*+	*03	*05	*0102	*0505			SSO, SSP
278	Lee, Jar-How	*1313	*1502	*0101	*0301/19	*0502	*0102	*0505/09	*0101	*0501	SSP, RVSSOP
640	Lee, Kyung Wh	*1313	*1502		*0301/09/19+	*0502	*010201	*0505			P-SBT
6649	Lim, Young Ae	*13	*15	*+							P-SSP
274	Lo, Raymundo	*13	*15	*+	*0301	*05					SSP
759	Lopez-Cepero	*1313	*1502/08/14+		*0301/19	*0502/05	*0102	*0505/09	*0101	*0501	RVSSO
23	Mah, Helen	*1313	*1502	*0101	*0301	*0502	*0102	*0505/09			SSO
8029	Mani, Rama	*14	*15	*+							P-SSP
9916	McIntyre, Joh	*1313	*150201	*010101	*0301/24	*050201					SSP, SBT
794	Merenmies, Ju	*1313	*1502/19	*0101	*0301	*0502	*0102	*0505	*0101	*0501	SSP, SBT, SSO
8042	Muncher, Lior	*1313	*1502		*0301	*0502					SSOP, SSP
8065	Padua, Flore	*13	*15	*01							SSP
5096	Park, Yun Mi	*13	*15								P-SSO
3648	Pereira, Noem	*1313	*1502		*0301g	*0502					P-RVSSO, SSP
3966	Permpikul&Ve	*1313	*1502	*0101	*0301	*0502					P-SSP

B-CELL LINE TER-433

CTR DIRNAME	DRB1	DRB1X	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
2400 Phelan, Donna	*1313	*1502	*0101	*0301	*0502					
4689 Rajczy, Katal	*1313	*1502	*010101	*0301	*050201					P-SSP
3753 Reed, Elaine	*1313	*1502	*0101	*0301	*0502	*0102	*0505/09			SSO, SSP, SBT
3625 Rees, Tracey	NT									
3798 Reinsmoen, N	*1313	*150201	*010101	*0301/22	*0502	*0102	*0505	*0101	*0501	SSP, RSSO, SBT
1160 Rosen-Bronso	*1313	*15	*0101	*03	*05					RVSSO
793 Rubocki, Rona	*13	*15	*+	*03 (DQ7)	*05					SSP
8001 Sheikh, Maqso	*1313	*1502/26	*0101	*0301	*0502					RVSSOP, SSP
735 Smith/MI	*13	*15	*+	* (DQ7)	*05	*0102	*0505/09	*0101	*0501	RVSSOP, SSP
746 Stamm, Luz	*1313	*1502	*01	*0301	*0502					RVSSO, SSP
13 Tagliere, Jac	*1313	*1502	*010101	*0301						SSP
5451 Tilanus, Marc	*1313	*150201	*010101	*030101	*050201	*010201	*0505	*010101	*0501	SBT
4021 Trachtenberg	*13	*15	*01	*03	*05					RVSSO
5462 Turner, E.V.	*1313	*1502/19	*0101	*0301	*0502					
5642 Varnavidou-N	*1313	*1502	*+	*0301	*0502					P-SSP
3511 Zeevi, Adrian	*1313	*1502	*0101	*0301	*0502	*0102	*0505	*0101	*0501	RVSSOP, SSP

CTR DIRNAME	DR13	DR15	DR51	DQ7	DQ1	OTH1	OTH2
4492 Charron, D.	+	+	+	+	+		
3904 Cooper, E. Sha	+	+	+	+	+	DR52	
910 Hahn, Amy B.	+	+	+	+	+	DR52	
4908 Kvam, Vonnett	+	+	+	+	+	DR52	
54 McAlack, Robe	+	+	+	+	DQ6	DR52	
8004 Pais, Maria L	+	+	+	+	+	DR52	
2400 Phelan, Donna	+	+	+	+	DQ5	DR52	
793 Rubocki, Rona	NT						
8063 Shai, Isaac		+		+	DQ6	DR52	DR53

B-CELL LINE TER-433 (Asian)

70 DNA LABS

70 LABS REPORTING DRB1

DRB1*13	23%
DRB1*1313	76%
DRB1*13	99% TOTAL
DRB1*15	41%
DRB1*1502	49%
DRB1*150201	10%
DRB1*15	100% TOTAL

49 LABS REPORTING DRB5

DRB5*+	25%
DRB5*0101	55%
DRB5*010101	10%
DRB5*01	10%

OTHERS

DRB3*+	12%
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8 SEROLOGY LABS

DR13	88%
DR15	100%
DR51	100%
OTHERS	
DR52	88%

66 LABS REPORTING DQB1

DQB1*03	44%
DQB1*0301	50%
DQB1*030101	4%
DQB1*0313	2%
DQB1*03	100% TOTAL
DQB1*05	30%
DQB1*0502	59%
DQB1*050201	9%
DQB1*05	98% TOTAL

25 LABS REPORTING DQA1

DQA1*01	8%
DQA1*0102	84%
DQA1*010201	8%
DQA1*01	100% TOTAL
DQA1*05	24%
DQA1*0505/09	36%
DQA1*0505	40%
DQA1*05	100% TOTAL

19 LABS REPORTING DPB1

DPB1*01	5%
DPB1*0101	74%
DPB1*010101	21%
DPB1*01	100% TOTAL
DPB1*05	5%
DPB1*0501	90%
DPB1*new	5%

DQ7	100%
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DQ1	63%
DQ5	12%
DQ6	25%
DQ1	100% TOTAL

B-CELL LINE TER-434

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal, Michel	*1303	*1503			*0202	*0602					P-RVSSO, SSP
5488 Adams, Sharon	*130301	*150301	*0202	*0101	*0202	*060201	*0102	*0201	*3901	*4001	RSSO, SBT, SSP
2300 Allegheny Ge	*13	*15	*+	*+	*02	*06	*01	*02			RVSSO
105 Ball, Edward	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201	*3901	*4001	P-SSP
2020 Barnardo, Mar	*130301	*15030101/030102	*0202/05/11+	*0101-05/07+	*0202	*060201	*0102/06	*0201	*3901	*4001	P-SSP, SBT
774 Cecka, J. Mich	*1303	*1503	*0202/23	*0101	*0202	*0602/33	*0102	*0201			SSP, SSOP
785 Chan, Soh Ha	*1303	*1503	*+		*0202	*060201	*0102	*0201			SBT
4492 Charron, D.	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			P-SSO, SSP
3224 Chen, Dongfen	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			SBT, RSSO, SSP
8021 Clark, Brenda	*1303	*1503	*0107/*02	*01/*02	*0202	*0602			*3901	*4001	P-SSP, SSO
3632 Colombe, Beth	*1303	*1503	*0202	*0101	*0202	*0602					SSP
3904 Cooper, E. Sha	*1303	*1503	*0202	*0101	*0202	*0602					P-SSP
5130 Costeas, Paul	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			SSP, SSO
779 Daniel, Claud	*13	*15	*01-*03	*010101-13+	*020101-05	*06					P-SSP
5219 Daniel, Dolly	*13	*15	*+	*+	*02	*06					P-SSOP
8052 Del Pozo, Ana	*13	*1503			*0202	*0602	*0102	*0201			SSO
5323 Dhaliwal, J.S	*1303	*1503	*02	*01	*02	*06					P-SSP
5891 Du, Keming	*1303	*1503			*0202	*0602					
856 Dupont, Bo	*1303/33/66	*1503/23			*0202	*0602/11+					SSO
5214 Eckels/CPMC	*13	*1503	*0202	*0101	*0202	*0602	*0102	*0201			SSOP
3428 Eckels/Utah	*1303	*1503			*0202	*0602	*0102	*0201			SSOP
4251 Ellis, Thomas	*1303	*1503	*0202/12	*0101	*0202	*0602			*3901	*4001	P-SSO, SEQ
3135 Fischer, John	*1303	*1503	*0202	*0101	*0202	*0602			*3901	*4001	SBT, P-SSP
762 Fischer/Mayr	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			RSSO, LBT, SSP+
792 Gandhi&Genco	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			P-SSO, SSP
8043 Gideoni, Osna	*1303	*1503			*0202	*0602					SSP, SSOP
9002 Gideoni_LR	*13	*15			*02	*06					SSP, SSOP
910 Hahn, Amy B.	*1303	*1503	*0202/23	*0101	*0202	*0602/33					SSP
4691 Hajeer, Ali	*13	*15	*+	*+	*02	*06					SSO
810 Hamdi, Nuha	*1303	*1503			*0201	*0611					SSO
4269 Hanau, Daniel	*1303	*1503									P-RVSSO
1461 Hidajat, M.	*1303	*1503	*0202	*0101	*0202	*0602			*3901	*4001	SSO, SSP
2344 Hurley/Hartz	*130301	*15030101/030102			*0202	*060201			*3901	*4001	SBT, SSOP
771 Israel, Shosh	*1303	*1503			*0202	*0602					RVSSO, SSP
9003 Israel_LR	*13	*15			*02	*06					RVSSO
748 Jaramillo, An	*13	*15	*02	*01	*02	*06			*39	*40	P-SSP, SSO
859 Kamoun, Malek	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			P-SSO, SSP
797 Kato, Shunich	*1303	*1503			*0201/02+	*0602/33					SSO, +SBT-DR
4337 Kim, Tai-Gyu	*1303	*1503			*0202	*0602			*3901	*4001	SBT
168 Klein, Tirza	*1303	*1503			*0202	*0602					P-SSO, SSP
9000 Klein_LR	*13	*15			*02	*06					P-SSO, SSP
87 Land, Geoffre	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201	*3901	*4001	SSP, SSO, SBT
725 Lardy, N, M.	*13	*15	*+	*+	*02	*06	*0102	*0201			SSO, SSP
278 Lee, Jar-How	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201	*3901	*4001	SSP, RVSSOP
640 Lee, Kyung Wh	*1303	*1503			*0202	*0602	*010201	*0201			P-SBT
6649 Lim, Young Ae	*13	*15		*+							P-SSP
274 Lo, Raymundo	*13	*15	*+	*+	*02	*06					SSP
759 Lopez-Cepero	*1303/33	*1503			*0202	*0602	*0102	*0201	*3901+	*4001	RVSSO
23 Mah, Helen	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			SSO
8029 Mani, Rama	*13	*15	*+	*+							P-SSP
9916 McIntyre, Joh	*130301	*150301	*0202	*010101	*0202	*0602					SSP, SBT
794 Merenmies, Ju	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201	*3901	*4001	SSP, SBT, SSO
8042 Muncher, Lior	*1303	*1503			*0202	*0602					SSOP, SSP
8065 Padua, Flore	*13	*15	*01	*01							SSP
5096 Park, Yun Mi	*13	*15									P-SSO
3648 Pereira, Noem	*1303	*1503			*0202	*0602/33					P-RVSSO, SSP
3966 Permpikul&Ve	*1303	*1503	*0202	*0101	*0202	*0602					P-SSP

B-CELL LINE TER-434

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
2400 Phelan, Donna	*1303	*1503	*02	*0101	*0202	*0602					
4689 Rajczy, Katal	*1303	*1503	*0202	*010101	*0202	*0602					P-SSP
3753 Reed, Elaine	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201			SSO, SSP, SBT
3625 Rees, Tracey	*1303	*1503		*0101	*0202	*0602	*0102	*0201	*3901	*4001	P-SSP, SBT
3798 Reinsmoen, N	*130301	*150301	*0202	*010101	*0202	*0602	*0102	*0201	*3901	*4001	SSP, RSSO, SBT
1160 Rosen-Bronso	*13	*1503	*0202	*0101	*02	*06					RVSSO
793 Rubocki, Rona	*13	*15	*+	*+	*02	*06					SSP
8001 Sheikh, Maqso	*1303	*1503	*0202	*0101	*0202	*0602					RVSSOP, SSP
735 Smith/MI	*13	*15	*+	*+	*02	*06	*0102	*0201	*3901	*4001	RVSSOP, SSP
746 Stamm, Luz	*1303	*1503	*02	*01	*0202	*0602					RVSSO, SSP
13 Tagliere, Jac	*1303	*1503	*0202	*010101	*0202	*0602					SSP
5451 Tilanus, Marc	*130301	*1503	*020201	*010101	*0202	*060201	*0102	*0201	*3901	*4001	SBT
4021 Trachtenberg	*13	*15	*02	*01	*02	*06					RVSSO
5462 Turner, E.V.	*1303	*1503	*0202	*0101	*0202	*0602			*3901	*4001	SEQ, SSO, SSP
5642 Varnavidou-N	*1303	*1503	*+	*+	*0202	*0602					P-SSP
3511 Zeevi, Adrian	*1303	*1503	*0202	*0101	*0202	*0602	*0102	*0201	*3901	*4001	RVSSOP, SSP

CTR DIRNAME	DR13	DR15	DR52	DR51	DQ2	DQ1	OTH1	OTH2
4492 Charron, D.	+	+	+	+	+	+		
3904 Cooper, E. Sha	+	+	+	+	+	+		
910 Hahn, Amy B.	+	+	+	+	+	+		
4908 Kvam, Vonnett	+	+	+	+	+	+		
54 McAlack, Robe	+	+	+	+	+	DQ6		
8004 Pais, Maria L	+	+	+	+	+	DQ6		
2400 Phelan, Donna	+	+	+	+	+	DQ6		
793 Rubocki, Rona	NT							
8063 Shai, Isaac		+	+	+	+	DQ6	DR103	DR53

B-CELL LINE TER-434 (Black)

73 DNA LABS

73 LABS REPORTING DRB1

DRB1*13	30%
DRB1*1303	62%
DRB1*130301	8%
DRB1*13	100% TOTAL

DRB1*15	25%
DRB1*1503	68%
DRB1*150301	7%
DRB1*15	100% TOTAL

52 LABS REPORTING DRB3

DRB3*+	23%
DRB3*0202	52%
DRB3*020201	2%
DRB3*02	17%

51 LABS REPORTING DRB5

DRB5*+	21%
DRB5*0101	55%
DRB5*010101	10%
DRB5*01	14%

8 SEROLOGY LABS

DR13	88%
DR15	100%
DR52	100%
DR51	100%

68 LABS REPORTING DQB1

DQB1*02	24%
DQB1*0201	1%
DQB1*0202	75%
DQB1*02	100% TOTAL

DQB1*06	30%
DQB1*0602	62%
DQB1*060201	7%
DQB1*0611	1%
DQB1*06	100% TOTAL

28 LABS REPORTING DQA1

DQA1*01	7%
DQA1*0102	89%
DQA1*010201	4%
DQA1*01	100% TOTAL

DQA1*02	4%
DQA1*0201	96%
DQA1*02	100% TOTAL

20 LABS REPORTING DPB1

DPB1*39	5%
DPB1*3901	95%
DPB1*39	100% TOTAL

DPB1*40	5%
DPB1*4001	95%
DPB1*40	100% TOTAL

DQ2	88%
DQ1	50%
DQ6	50%
DQ1	100% TOTAL

	SERUM NO. 1009										SERUM NO. 1010										METHOD			
	% POS	% 8'S	B 5 7	B 5 8	B 6 3	B 6 2	B 5 5	B 5 4	B 5 5	B 7 6	B 7 5	B 8 2	% POS	% 8'S	B 5 7	B 5 8	A 1 3	B 6 3	B 6 2	B 4 6		B 5 0	C W 6	A 1
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	CX18	(3)
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	A36,A80,A24>	(3)
Alvarez & Ca	100	100	+		+							???	100	+		+		+	+				(3)	
Baker, Judy	12	???	+	+								16	???	+	+								(4)	
Berka, Noured	34	100	+	+	+	+	+	+	+	+	+	42	100	+	+	+	+	+	+	+	+		B56,A24,B27	(3)
Cantwell, Lin	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	CX18	(3)
Cecka, J. Mich	16	100	+	+	+							31	50	+	+	+							(4)	
Choo, Yoon MD	13	0	+	+								20	0	+	+	+							A74	( )
Claas, F.H.J.	15	88	+	+	+							26	88	+	+	+	+						B8	(6)
Cohen, JHM Pr	42	???	+	+	+	+	+	+	+	+	+	56	???	+	+	+	+	+	+	+	+	+	(3)	
Cooper, E. Sh	14	8	+	+								15	5	+	+								(2)	
Dhanwada, Sub	40	???									+	79	???			+		+			+	+	B17,B15,CX18>	(3)
Dunckley, Hea	16	100	+	+								18	75	+	+								(1)	
Dunk, Arthur	18	100	+	+								17	100	+	+								(6)	
Dunn, Dale Dr	15	100	+	+								15	100	+	+								(4)	
Dunn, Paul Dr	13	100	+	+								20	100	+	+								(2)	
Eckels/CPMC,	57	???	+	+	+	+					+	78	???	+	+	+		+					B17	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	CX18	(3)
Esteves Kond	13	100	+	+								19	60	+	+								B42	(1)
Esteves-Kond	30	100	+	+	+					+		53	100	+	+	+	+						B49	(5)
Gandhi & Gen	19	???	+	+	+	+	+	+	+	+	+	32	???	+	+	+	+	+	+	+	+	+	CX18	(3)
Gautreaux, Mi	32	???	+	+	+	+	+	+	+	+	+	76	???	+	+	+	+	+					B54,B56,B75	(3)
Gideoni, Osna	28	100	+	+	+	+	+	+	+	+	+	66	100	+	+	+	+	+					B52,B51,B38>	(3)
Hahn, Amy B.	14	75	+	+	+							34	88	+	+	+							(4)	
Hamdi, Nuha D	53	100	+	+	+	+	+	+	+	+	+	53	100	+	+	+	+	+					B54,B49,B35>	(3)
Han, Hoon Dr	44	???	+	+	+	+	+	+	+	+	+	69	???	+	+	+	+		+				B42,B64,B75	(3)
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B56	(3)
Hogan, Patric	13	8	+	+								10	5	+	+								(1)	
Israel, Shosh	36	???	+	+	+							94	???	+	+	+							A34,A2,A74,A43>	(3)
Klein, Jon MD	33	???	+	+	+							B13	47	???	+	+	+						(4)	
Klein, Tirza	54	100	+	+	+	+	+	+	+	+	+	76	100	+	+	+	+				+		B47,B51,B52>	(3)
Lardy, N.M. D	9	67	+	+								11	67	+	+								(2)	
Leech MD, Ste	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+		+			+		A24,B55,B56	(3)
Luger, Alan M	17	???	+	+	+	+	+	+	+	+	+	26	???	+	+	+	+	+	+		+		B72,B75,A24	(3)
MacCann, Eile	42	???	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+				B75,B54,B55>	(3)
Mah, Helen	20	100	+	+								29	100	+	+	+							B53,B27	(4)
McAlack, Robe	11	100	+	+	+	+	+	+	+	+	+	16	100	+	+	+	+	+					B56,B55,B54	(5)
McAlack-Bala	35	100	+	+	+	+	+	+	+	+	+	75	100	+	+	+	+	+	+	+	+	+	(3)	
McCluskey, Ja	8	100	+	+								8	100	+	+								(2)	
Meyer, Pieter	11	???	+	+	+							16	???	+	+	+			+			+	B75,B47	(3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	B56,A24	(3)
Pais, Maria L	0	0										13	???	+	+								(3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	CW7	(3)
Permpikul &	28	100	+	+								27	100	+	+								(1)	
Phelan, Donna	26	???									+	20	???			+		+	+	+	+	+	A36,A80,A24>	(3)
Pidwell/Aska	11	100	+	+								11	100	+	+								(2)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+		+	+	+	+	B55,B76,B82	(3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+		+	+	+	+	CW3,CW7	(3)
Sage, Deborah	???	???	+	+	+	+	+	+	+	+	+	???	???		+	+	+	+				+	A24,A36,A80>	(3)
Sinnott & Gu	???	???	+	+	+	+	+	+	+	+	+	???	???		+				+	+		+	A24,A36,A80>	(3)
Smith/MI,	28	???	+	+	+	+	+	+	+	+	+	57	???	+	+	+	+	+	+		+		B75	(4)
Suciu-Foca, N	25	100	+	+								33	60	+	+	+							(1)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	???	??/	+	+	+	+	+	+	+	+	+	(3)	
Turner, E.V.	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+				+	A80,A36,B75	(3)

\*\*\* 54 TYPING LABS \*\*\*

B57	94%	0.988
B58	91%	0.972
B63	63%	0.979
B54	48%	1.000
B62	48%	0.972
B55	48%	0.966
B56	46%	0.938
B76	33%	1.000
B75	33%	0.947
B82	20%	1.000
B13	19%	1.000
B27	19%	0.923
B77	11%	1.000
B17	6%	1.000
B46	6%	1.000
B15	4%	1.000
B22	4%	1.000
B42	4%	1.000
B51	4%	1.000
B81	4%	1.000

\*\*\* 54 TYPING LABS \*\*\*

B57	91%	0.960
B58	89%	0.953
A11	72%	0.759
B63	50%	0.973
A3	44%	0.889
B62	37%	0.962
B46	33%	1.000
B50	31%	1.000
A1	19%	1.000
CW6	19%	1.000
A24	17%	1.000
B75	15%	1.000
B56	15%	0.917
A36	9%	1.000
A80	9%	1.000
CX18	9%	1.000
B54	7%	1.000
B55	7%	1.000
B17	6%	1.000
B49	6%	1.000
CW7	6%	1.000
B27	6%	0.750
B13	4%	1.000
B15	4%	1.000
B37	4%	1.000
B38	4%	1.000
B47	4%	1.000
B51	4%	1.000
B52	4%	1.000
B72	4%	1.000
B76	4%	1.000
B35	4%	0.800
B42	4%	0.750
A74	4%	0.667

Methods:

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

\*\*\* 54 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: All



\*\*\*\*\* SERUM NO. 1009 \*\*\*\*\* SERUM NO. 1010 \*\*\*\*\*

	%	%	B	B		%	%	B	B	A		
	POS	8'S	5	5		POS	8'S	5	5	1	METHOD	
			8	7				8	7	1		
Claas, F.H.J.	15	88	+	+	B63	26	88	+	+	+	B63, B8	(1)
Dunckley, Hea	16	100	+	+		18	75	+	+			(1)
Esteves Kond	13	100	+	+		19	60	+	+		B42	(1)
Hogan, Patric	13	8	+	+		10	5	+	+			(1)
Permpikul &	28	100	+	+		27	100	+	+			(1)
Suciu-Foca, N	25	100	+	+		33	60	+	+	+		(1)

\*\*\*\*\* SERUM NO.1009 \*\*\*\*\* SERUM NO.1010 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B57 100% 1.000  
 B58 100% 0.935  
 B63 17% 1.000

\*\*\* 6 TYPING LABS \*\*\*

B57 100% 0.912  
 B58 100% 0.903  
 A11 33% 0.786  
 B63 17% 0.800  
 B42 17% 0.667  
 B8 17% 0.200

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 1009 \*\*\*\*\* SERUM NO. 1010 \*\*\*\*\*

	%	%	B	B		%	%	B	B	
	POS	8'S	5	5		POS	8'S	5	5	METHOD
			8	7				8	7	
Cooper, E. Sh	14	8	+	+		15	5	+	+	(2)
Dunn, Paul Dr	13	100	+	+		20	100	+	+	(2)
Lardy, N.M. D	9	67	+	+		11	67	+	+	(2)
McCluskey, Ja	8	100	+	+		8	100	+	+	(2)
Pidwell/Aska	11	100	+	+		11	100	+	+	(2)

\*\*\*\*\* SERUM NO.1009 \*\*\*\*\* SERUM NO.1010 \*\*\*\*\*

\*\*\* 5 TYPING LABS \*\*\*

B58 100% 1.000  
 B57 100% 0.909

\*\*\* 5 TYPING LABS \*\*\*

B57 100% 1.000  
 B58 100% 0.917

\*\*\* 5 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1009										SERUM NO. 1010										METHOD				
	%	%	B 5	B 5	B 6	B 5	B 5	B 6	B 7	B 7	B 8	%	%	A 1	B 5	B 5	B 6	A 3	B 6	B 4		B 5	C A	C W	
	POS	8'S	7	8	3	5	4	6	2	6	5	2	POS	8'S	1	7	8	3	3	2	6	0	1	6	
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Al-Attas, Rab	???	???	+	+	+	+	+			+	+	+	???	???	+			+	+	+			+		A36,A80,A24> (L-3)
Alvarez & Ca	100	100	+						+				???	100	+	+			+	+					(F-3)
Baker, Judy	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Berka, Noured	34	100	+	+	+	+	+	+	+	+	+	+	42	100	+	+	+	+	+		+	+			B56,A24,B27 (L-3)
Cantwell, Lin	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Cecka, J. Mich	40	100	+	+	+	+	+	+	+	+	+	+	60	100	+	+	+	+	+	+	+	+	+	+	A24,B56 (L-3)
Cohen, JHM Pr	42	???	+	+	+	+	+	+	+	+	+	+	56	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Dhanwada, Sub	40	???										+	79	???	+				+	+		+	+	+	B17,B15,CX18> (L-3)
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Eckels/CPMC	???	???	+	+	+	+	+	+					???	???	+				+	+	+	+	+	+	A24,2403,A36> (L-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Esteves-Kond	44	100	+	+	+	+	+	+	+	+	+	+	69	100	+	+	+	+	+						B75,B55,B27> (F-3)
Gandhi & Gen	19	???	+	+	+	+	+	+	+	+	+	+	32	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Gautreaux, Mi	32	???	+	+	+	+	+	+	+	+	+	+	76	???	+	+	+	+	+						B54,B56,B75 (F-3)
Gideon, Osna	28	100	+		+	+	+	+					66	100		+	+	+	+						B52,B51,B38> (L-3)
Hamdi, Nuha D	53	100	+	+	+	+	+	+	+	+	+	+	53	100	+	+	+	+	+						B54,B49,B35> (L-3)
Han, Hoon Dr	44	???	+	+	+	+	+	+	+	+	+	+	69	???	+	+	+	+	+		+				B42,B64,B75 (L-3)
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B56 (L-3)
Hogan, Patric	17	???	+	+	+	+	+	+	+	+	+	+	25	???	+	+	+	+	+	+					CX18,B72,B75> (L-3)
Israel, Shosh	36	???	+	+									94	???	+	+	+								A34,A2,A74,A43> (L-3)
Klein, Tirza	54	100	+	+	+	+	+	+					76	100		+	+	+				+			B47,B51,B52> (L-3)
Leech MD, Ste	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+						A24,B55,B56 (L-3)
Luger, Alan M	17	???	+	+	+	+	+	+	+	+	+	+	26	???	+	+	+	+	+			+			B72,B75,A24 (L-3)
MacCann, Eile	42	???	+	+	+	+	+	+	+	+	+	+	98	???	+	+	+	+	+	+					B75,B54,B55> (L-3)
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A24,B56 (L-3)
McAlack, Robe	18	100	+	+	+	+	+	+	+	+	+	+	34	100	+	+	+	+	+	+	+	+	+	+	B56 (L-3)
McAlack-Bala	35	100	+	+	+	+	+	+	+	+	+	+	75	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Meyer, Pieter	11	???	+	+	+								16	???	+	+	+			+		+			B75,B47 (L-3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B56,A24 (L-3)
Pais, Maria L	0	0											13	???	+	+									(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+		+	+	+	CW7 (L-3)
Permpikul &	???	???	+	+	+	+	+	+					???	???	+	+	+		+	+			+		A25,A26,A34> (L-3)
Phelan, Donna	26	???										+	20	???	+				+	+	+	+	+	+	A36,A80,A24> (L-3)
Pidwell/Aska	52	100	+	+	+	+	+	+	+	+	+	+	73	100	+	+	+	+	+			+	+	+	CW7,A80,B56 (F-3)
Rees, Tracey	???	???	+	+	+	+	+	+				+	???	???	+	+	+	+		+	+	+	+	+	B55,B76,B82 (L-3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+		+	+	+	+	+	CW3,CW7 (L-3)
Sage, Deborah	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+			+	+	+			+		A24,A36,A80> (L-3)
Sinnott & Gu	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+					+	+	+	+	+	A24,A36,A80> (L-3)
Smith/MI,	44	???	+	+	+	+	+	+	+	+	+	+	71	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Suciu-Foca, N	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX18 (L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	??/	+	+	+	+	+	+	+	+	+	+	(L-3)
Turner, E.V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+		+	+	+	A80,A36,B75 (L-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1009 \*\*\*\*\* SERUM NO.1010 \*\*\*\*\*

\*\*\* 43 TYPING LABS \*\*\*

B57	93%	1.000
B58	88%	1.000
B63	86%	1.000
B54	84%	1.000
B55	84%	0.977
B56	79%	0.933
B62	77%	0.978
B76	60%	1.000
B75	53%	0.962
B82	40%	1.000
B27	30%	1.000
B13	26%	0.867
B77	21%	1.000
B46	12%	0.833
B15	7%	1.000
B17	7%	1.000
B22	7%	1.000
B42	7%	0.800
B51	5%	1.000
B81	5%	1.000

\*\*\* 43 TYPING LABS \*\*\*

A11	93%	0.965
B57	86%	1.000
B58	84%	0.979
B63	77%	1.000
A3	77%	0.927
B62	65%	0.944
B46	60%	1.000
B50	51%	1.000
A1	35%	0.839
CW6	33%	1.000
A24	30%	0.905
B56	28%	0.889
B75	21%	1.000
CX18	21%	1.000
A80	16%	1.000
A36	14%	1.000
B54	9%	1.000
B55	9%	1.000
CW7	9%	1.000
B15	7%	1.000
B17	7%	1.000
B27	7%	1.000
B72	7%	1.000
B13	5%	1.000
B22	5%	1.000
B37	5%	1.000
B38	5%	1.000
B47	5%	1.000
B49	5%	1.000
B51	5%	1.000
B52	5%	1.000
B76	5%	1.000
B35	5%	0.800
A25	5%	0.667
A34	5%	0.667

\*\*\* 43 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1009 \*\*\*\*\* SERUM NO. 1010 \*\*\*\*\*

	SERUM NO. 1009					SERUM NO. 1010					METHOD
	%	%	B 5	B 6	B 7	%	%	B 5	B 7	A 1	
Baker, Judy	12	???	+	+		16	???	+	+		(4)
Cecka, J. Mich	16	100	+	+	+	31	50	+	+	+	(4)
Cooper, E. Sh	14	8	+	+		15	5	+	+		(4)
Dunn, Dale Dr	15	100	+	+		15	100	+	+		(4)
Eckels/CPMC,	57	???	+	+	+	78	???	+	+	+	(4)
Hahn, Amy B.	14	75	+	+	+	34	88	+	+	+	(4)
Klein, Jon MD	33	???	+	+	+	47	???	+	+	+	(4)
Mah, Helen	20	100	+	+		29	100	+	+	+	(4)
Smith/MI,	28	???	+	+	+	57	???	+	+	+	(4)
Suciu-Foca, N	21	100	+	+		39	48	+	+	+	(4)

\*\*\*\*\* SERUM NO.1009 \*\*\*\*\* SERUM NO.1010 \*\*\*\*\*

\*\*\* 10 TYPING LABS \*\*\*

B57	100%	1.000
B58	100%	0.964
B63	50%	1.000
B62	20%	1.000
B75	20%	1.000
A31	10%	1.000
B13	10%	1.000
B17	10%	1.000
B54	10%	1.000
B55	10%	1.000
B56	10%	1.000
B76	10%	1.000
B22	10%	0.894
B53	10%	0.667

\*\*\* 10 TYPING LABS \*\*\*

B57	100%	0.972
B58	100%	0.962
A11	70%	0.734
A3	20%	1.000
A1	10%	1.000
B17	10%	1.000
B53	10%	1.000
B62	10%	1.000
B63	10%	1.000
B75	10%	1.000
B22	10%	0.894
B27	10%	0.600

\*\*\* 10 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1009 \*\*\*\*\* SERUM NO. 1010 \*\*\*\*\*

	%		B	B	B	B	B	B	%		B	B	B	A	B	B	METHOD				
	POS	8'S	6	5	5	5	5	5	POS	8'S	6	5	5	1	6	4					
Cecka, J. Mich	12	100	+	+	+					B53	32	100	+	+	+	+	+	+	B46	(5)	
Esteves-Kond	30	100	+	+	+	+				B27	53	100	+	+	+	+			+	(5)	
Hahn, Amy B.	5	???	+	+	+	+	+	+	+	A33, A30	5	???	+	+	+	+	+			+	(5)
McAlack, Robe	11	100	+	+	+	+	+	+	+	B75	16	100	+	+	+	+	+			B56, B55, B54	(5)

\*\*\*\*\* SERUM NO.1009 \*\*\*\*\* SERUM NO.1010 \*\*\*\*\*

\*\*\* 4 TYPING LABS \*\*\*

B57	100%	1.000
B58	100%	0.875
B63	100%	0.667
B56	75%	0.800
B54	50%	1.000
B55	50%	1.000
A30	25%	1.000
A33	25%	1.000
B75	25%	1.000
B27	25%	0.667
B53	25%	0.333

\*\*\* 4 TYPING LABS \*\*\*

B57	100%	1.000
B58	100%	0.875
A11	100%	0.864
B63	100%	0.833
B62	75%	0.714
B49	50%	0.875
B46	25%	1.000
B54	25%	1.000
B55	25%	1.000
B56	25%	1.000

\*\*\* 4 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1011										SERUM NO. 1012										METHOD							
	%	%	B 5	B 5	A 3	A 2	B 5	B 6	B 5	A 2	B 5	B 5	A 3	A 2	B 5	B 6	B 5	A 2	B 5	B 5								
Abbal, Michel	???	???	+	+	+		+	+	+		+	+	A24	???	???	+	+		+	+	+	+	+	+	+	B38	(3)	
Al-Attas, Rab	???	???			+	+	+		+		+		A23, A24, B52>	???	???			+	+	+	+	+	+			A25, B52, B44>	(3)	
Alvarez & Ca	???	100	+		+	+				+		+	B49, B27, B52	???	100	+		+	+	+						B49, A25	(3)	
Baker, Judy	17	???	+	+									A1	9	???	+	+										(4)	
Berka, Noured	68	100	+	+	+	+		+		+	+	+	B44, B27	60	100	+	+	+	+		+					B44, A25, B49>	(3)	
Cantwell, Lin	???	???	+	+	+	+	+	+		+	+	+	2705	???	???	+	+	+	+	+	+		+	+		B38	(3)	
Cecka, J. Mich	22	100	+	+		+	+						B49	54	100	+	+	+	+	+	+		+	+		B44, B52	(4)	
Choo, Yoon MD	5	0											A1	85	0	+	+		+	+						B45, B65, B64>	( )	
Claas, F.H.J.	38	67	+	+	+			+						47	0	+	+		+	+							(6)	
Cohen, JHM Pr	65	???	+	+	+		+	+		+			B52, A23, A24	75	???	+	+	+	+	+	+	+	+	+		B52	(3)	
Cooper, E. Sh	11	3	+	+										5	0	+											(2)	
Dhanwada, Sub	51	???			+	+		+	+		+	+	B17, B5, B27, A9	69	???			+	+			+	+	+		B17, A9, B5, B38>	(3)	
Dunckley, Hea	18	100	+	+										16	43	+	+										(1)	
Dunk, Arthur	15	100	+	+										17	100	+	+										(6)	
Dunn, Dale Dr	33	43	+	+							+		B49, B37, A26>	15	80	+	+									B49	(4)	
Dunn, Paul Dr	13	100	+	+										13	100	+	+										(2)	
Eckels/CPMC,	65	???	+		+	+			+				B49, BW4	68	???			+									BW4, A25	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	B52	???	???	+	+	+	+	+	+	+	+	+	+		(3)	
Esteves Kond	13	100	+	+										13	20	+	+										(1)	
Esteves-Kond	57	100	+	+			+	+					B27, B64, B49	77	25	+	+		+				+			B27, B49, B77	(5)	
Gandhi & Gen	26	???	+	+	+	+	+	+	+	+	+	+	B52	31	???	+	+	+	+	+	+	+	+	+	+		(3)	
Gautreaux, Mi	64	???	+	+	+	+			+	+			A24, A23	58	???	+	+	+	+	+		+					B27, B55	(3)
Gideoni, Osna	62	100	+	+	+	+		+			+		B44, B49, B37>	56	100	+	+	+	+	+							A25, B44, B38>	(3)
Hahn, Amy B.	28	75	+	+	+		+							17	100	+	+										(4)	
Hamdi, Nuha D	69	100	+		+	+		+		+			B49, A11, A68>	76	100	+		+	+	+	+		+	+		B49, A11, A25	(3)	
Han, Hoon Dr	64	???	+	+	+	+	+			+			B49, B50	47	???	+	+	+		+			+		+		B49, B50, B76	(3)
Harville, Ter	???	???			+	+				+			BW4, A24	???	???	+	+	+		+			+	+			BW4, B38, B27>	(3)
Hogan, Patric	11	8	+	+										5	4	+	+										(1)	
Israel, Shosh	68	???	+	+	+	+				+			B44, A24, A23>	NT													(3)	
Klein, Jon MD	45	???	+	+	+	+	+		+				B49, B52	53	???	+	+				+			+			B49, B52, B27>	(4)
Klein, Tirza	72	100	+	+				+		+			B27, B49, B44>	56	100	+	+		+								B44, B38, B37>	(3)
Lardy, N.M. D	11	100	+	+										11	100	+	+										(2)	
Leech MD, Ste	???	???			+	+				+	+		A23, A24, B27>	???	???			+				+					A9, A25, B13, B27>	(3)
Luger, Alan M	24	???	+	+	+			+	+	+			2705, B49, B47>	31	???	+	+	+	+	+		+	+				2705, B37, B47	(3)
MacCann, Eile	72	???	+	+	+	+			+	+			BW4, A23, A24	56	???	+	+	+	+	+	+		+				A25, A29, A3	(3)
Mah, Helen	44	88	+	+	+			+		+			B27	12	63	+	+										(4)	
McAlack, Robe	26	100	+	+	+		+			+	+		B52, A23, B37>	35	0	+	+	+		+	+	+		+			B38, B37, B52	(5)
McAlack-Bala	86	100	+	+	+	+	+	+		+				87	100	+	+	+	+	+	+	+		+			(3)	
McCluskey, Ja	14	100	+	+										14	100	+	+										(2)	
Meyer, Pieter	58	???	+		+	+				+	+		B49, A68, B52>	47	???	+	+	+		+							B49, B50, A25>	(3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	A23	???	???	+	+	+	+	+	+	+	+	+	+		(3)	
Pais, Maria L	42	???	+	+	+									22	???	+							+				(3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+		B52, B49	???	???	+	+	+	+	+	+	+	+	+	+		(3)	
Permpikul &	29	100	+	+										27	100	+	+										(1)	
Phelan, Donna	26	???			+	+				+			BW4, A23, A24	31	???			+	+			+					BW4, A25, B82>	(3)
Pidwell/Aska	11	100	+	+										11	100	+	+										(2)	
Rees, Tracey	???	???	+	+	+		+	+	+	+	+		A24, B27	???	???	+	+	+		+		+	+	+	+		B38, B77, B37>	(3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+			B77	???	100	+	+	+	+	+	+	+	+	+	+		BW4	(3)
Sage, Deborah	???	???			+	+	+	+		+			A23, A24, B52>	???	???			+	+	+	+	+	+	+			A25, B52, B44>	(3)
Sinnott & Gu	???	???			+	+				+	+		A23, A24, 2705>	???	???			+	+	+	+	+	+				A25, B13, 2705>	(3)
Smith/MI,	71	???	+	+	+	+		+	+	+	+		B52	76	???	+	+	+		+	+	+	+	+	+		B52, B38, A25	(4)
Suciu-Foca, N	25	100	+	+										17	80	+	+										(1)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+		B52	???	???	+	+	+	+	+	+	+	+	+	+		(3)	
Turner, E.V.	???	???	+		+	+	+		+	+	+		B27, A23	???	???	+		+	+	+	+	+	+	+			B27, B44, A25	(3)

\*\*\* 54 TYPING LABS \*\*\*

B57	83%	0.983
B58	72%	0.947
A32	69%	0.923
A25	50%	0.972
B51	44%	0.857
B63	41%	0.933
A2	39%	0.983
B53	39%	0.958
B59	31%	1.000
A24	26%	1.000
B38	26%	0.950
B49	24%	1.000
B52	22%	1.000
A23	22%	0.905
B27	19%	1.000
B44	13%	1.000
B37	13%	0.889
B47	9%	1.000
BW4	7%	1.000
2705	6%	1.000
B77	6%	1.000
A68	6%	0.875

\*\*\* 54 TYPING LABS \*\*\*

B57	85%	0.878
B58	74%	0.938
A32	54%	0.932
A24	44%	0.981
B63	44%	0.970
A23	43%	0.951
B51	41%	1.000
A2	39%	0.983
B53	37%	0.935
A25	26%	1.000
B59	26%	1.000
B38	20%	1.000
B49	20%	0.714
B44	17%	1.000
B37	15%	1.000
B52	15%	0.933
B27	13%	0.800
B77	11%	1.000
BW4	7%	1.000
B13	7%	1.000
2705	4%	1.000
A9	4%	1.000
A68	4%	1.000
B5	4%	1.000
B17	4%	1.000
B47	4%	1.000
B50	4%	1.000

Methods:

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

\*\*\* 54 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1011 \*\*\*\*\* SERUM NO. 1012 \*\*\*\*\*

	SERUM NO. 1011				SERUM NO. 1012				METHOD
	% POS	% 8'S	B 5	B 7	% POS	% 8'S	B 5	B 7	
Claas, F.H.J.	38	67	+	+	47	0	+	+	B63, A32 (1)
Dunckley, Hea	18	100	+	+	16	43	+	+	B63, B53 (1)
Esteves Kond	13	100	+	+	13	20	+	+	(1)
Hogan, Patric	11	8	+	+	5	4	+	+	(1)
Permpikul &	29	100	+	+	27	100	+	+	(1)
Suciu-Foca, N	25	100	+	+	17	80	+	+	(1)

\*\*\*\*\* SERUM NO.1011 \*\*\*\*\* SERUM NO.1012 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B57 100% 1.000  
 B58 100% 0.903  
 A32 17% 0.857  
 B63 17% 0.800

\*\*\* 6 TYPING LABS \*\*\*

B58 100% 0.935  
 B57 100% 0.765  
 B63 17% 0.800  
 B53 17% 0.750

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 1011 \*\*\*\*\* SERUM NO. 1012 \*\*\*\*\*

	SERUM NO. 1011				SERUM NO. 1012				METHOD
	% POS	% 8'S	B 5	B 7	% POS	% 8'S	B 5	B 7	
Cooper, E. Sh	11	3	+	+	5	0	+		(2)
Dunn, Paul Dr	13	100	+	+	13	100	+	+	(2)
Lardy, N.M. D	11	100	+	+	11	100	+	+	(2)
McCluskey, Ja	14	100	+	+	14	100	+	+	(2)
Pidwell/Aska	11	100	+	+	11	100	+	+	(2)

\*\*\*\*\* SERUM NO.1011 \*\*\*\*\* SERUM NO.1012 \*\*\*\*\*

\*\*\* 5 TYPING LABS \*\*\*

B57 100% 1.000  
 B58 100% 1.000

\*\*\* 5 TYPING LABS \*\*\*

B57 100% 0.818  
 B58 80% 1.000

\*\*\* 5 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: NIH-ext



SERUM NO. 1011											SERUM NO. 1012											METHOD				
%	%	A	A	B	B	B	B	B	B	A	A	%	%	A	B	A	B	B	A	A	B		B	B		
POS	8'S	3	2	5	6	5	5	5	1	2	9	4	POS	8'S	2	7	4	3	8	3	2	1	3	9		
Abbal, Michel	???	???	+		+	+	+	+		+	+	B38	???	???		+	+	+	+	+	+	+	+	B38	(L-3)	
Al-Attas, Rab	???	???	+	+		+				+	+	A23, B52, B44>	???	???	+		+	+		+	+	+		A25, B52, B44>	(L-3)	
Alvarez & Ca	???	100	+	+	+					+		B49, B27, B38>	???	100	+	+	+						+	B49, A25	(F-3)	
Baker, Judy	???	???	+	+	+	+	+	+	+	+	+	BW4	???	???	+	+	+		+	+	+	+	+	B38	(L-3)	
Berka, Noured	68	100	+	+	+	+	+			+	+	B38, B44, B27	60	100	+	+		+	+	+	+			B44, A25, B49>	(L-3)	
Cantwell, Lin	???	???	+	+	+	+	+	+		+	+	B38, 2705	???	???	+	+	+	+	+			+	+	B38	(L-3)	
Cecka, J. Mich	71	100	+	+	+	+	+	+	+	+	+	B52	76	100	+	+	+	+	+	+	+	+	+		(L-3)	
Cohen, JHM Pr	65	???	+		+	+	+	+		+	+	B52, A23	75	???	+	+	+	+	+	+	+	+	+	B52	(L-3)	
Dhanwada, Sub	51	???	+	+		+				+		B17, B5, B38, B27>	69	???	+		+			+	+	+	+	B17, A9, B5, B38>	(L-3)	
Dunn, Paul Dr	???	???	+	+	+	+	+	+		+	+	B52, B27	???	???	+	+	+	+	+			+	+	B38	(L-3)	
Eckels/CPMC	71	???	+	+	+					+	+	A23, 2403, A9>	71	???	+	+	+	+	+	+	+	+	+	2403, A25, A9>	(L-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	B52	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Esteves-Kond	66	50		+	+	+	+				+	B27, B52, B49>	75	50	+	+	+	+	+			+		A25, B52, B27	(F-3)	
Gandhi & Gen	26	???	+	+	+	+	+	+	+	+	+	B52	31	???	+	+	+	+	+	+	+	+	+		(L-3)	
Gautreaux, Mi	64	???	+	+	+	+	+	+		+	+	A23	58	???	+	+	+	+	+	+	+	+	+		B27, B55	(F-3)
Gideon, Osna	62	100	+	+	+						+	B38, B44, B49>	56	100	+	+		+						A25, B44, B38>	(L-3)	
Hamdi, Nuha D	69	100	+	+	+	+				+		B49, A11, A68>	76	100	+	+	+	+	+	+		+		B49, A11, A25	(L-3)	
Han, Hoon Dr	64	???	+	+	+		+			+	+	B49, B50	47	???	+	+		+			+	+		B49, B50, B76	(L-3)	
Harville, Ter	???	???	+	+						+	+	BW4	???	???	+	+	+	+			+	+	+	BW4, B38, B27>	(L-3)	
Hogan, Patric	23	???	+		+	+	+	+		+	+	B27, B49, B47	32	???	+	+	+	+		+		+	+	BW4, B27, B37>	(L-3)	
Israel, Shosh	68	???	+	+	+		+			+	+	B44, A23, A68>	NT												(L-3)	
Klein, Tirza	72	100			+	+	+	+				B38, B27, B49>	56	100		+	+	+						B44, B38, B37>	(L-3)	
Leech MD, Ste	???	???	+	+						+	+	A23, B27, B37>	???	???	+				+					A9, A25, B13, B27>	(L-3)	
Luger, Alan M	24	???	+		+	+	+	+		+	+	2705, B49, B47	31	???	+	+	+	+	+		+		+		2705, B37, B47	(L-3)
MacCann, Eile	72	???	+	+						+	+	BW4, A23	56	???	+	+	+	+	+	+					A25, A29, A3	(L-3)
Mah, Helen	???	???	+	+	+	+		+	+	+	+	B27, B38	???	???	+	+	+	+	+		+	+	+	B52	(L-3)	
McAlack, Robe	31	100	+	+	+	+	+	+		+	+	B52, B49	30	100	+	+	+	+	+	+	+	+	+		(L-3)	
McAlack-Bala	86	100	+	+	+	+	+	+		+	+		87	100	+	+	+	+	+		+	+	+		(L-3)	
Meyer, Pieter	58	???	+		+					+	+	B49, A68, B52>	47	???	+	+	+	+			+			B49, B50, A25>	(L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	A23	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Pais, Maria L	42	???	+		+	+							22	???	+				+							(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+		+		B52, B49	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Permpikul &	???	???	+	+	+		+			+	+	A23, A68, A69>	???	???	+	+	+	+	+	+	+	+	+		A25, B52	(L-3)
Phelan, Donna	26	???	+	+						+	+	BW4, A23	31	???	+		+		+	+					BW4, A25, B82>	(L-3)
Pidwell/Aska	61	100	+	+	+	+	+	+	+	+	+	B49, B77, B52	70	100	+	+	+	+	+		+	+	+		B49, B77, B38	(F-3)
Rees, Tracey	???	???	+		+	+	+	+	+	+	+	B27	???	???	+		+	+			+	+	+		B38, B77, B37>	(L-3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+	B77	???	100	+	+	+	+	+	+	+	+	+		BW4	(L-3)
Sage, Deborah	???	???	+	+		+				+	+	A23, B52, B44>	???	???	+		+	+	+	+	+	+	+		A25, B52, B44>	(L-3)
Sinnott & Gu	???	???	+	+						+	+	A23, 2705, B37>	???	???	+		+	+	+	+	+	+	+		A25, B13, 2705>	(L-3)
Smith/MI,	73	???	+	+	+	+	+	+	+	+	+	B52	78	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Suciu-Foca, N	???	???	+	+	+	+		+	+	+	+	B52, B27, B38	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	B52	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Turner, E.V.	???	???	+	+	+		+	+	+	+	+	B27, A23	???	???	+	+	+		+	+	+	+	+		B27, B44, A25	(L-3)

\*\*\*\*\* SERUM NO.1011 \*\*\*\*\* SERUM NO.1012 \*\*\*\*\*

\*\*\* 43 TYPING LABS \*\*\*

A32	95%	0.950
A25	81%	0.978
B57	79%	0.979
B63	67%	1.000
B58	63%	1.000
B51	60%	1.000
B53	60%	0.967
A2	60%	0.914
B59	51%	1.000
A24	44%	0.947
B52	37%	1.000
B27	33%	1.000
A23	33%	0.885
B49	30%	0.944
B38	28%	1.000
B44	16%	1.000
B37	14%	1.000
B47	14%	1.000
BW4	9%	1.000
B77	9%	1.000
A68	9%	0.917
2705	7%	1.000
A9	5%	1.000
B17	5%	1.000

\*\*\* 43 TYPING LABS \*\*\*

A32	84%	0.947
B57	81%	1.000
A24	74%	0.952
B63	70%	1.000
A23	70%	0.942
B58	70%	0.923
A2	67%	0.960
B51	63%	1.000
B53	60%	1.000
B59	44%	1.000
A25	35%	1.000
B38	26%	1.000
B49	21%	1.000
B27	19%	0.800
B37	16%	1.000
B44	16%	1.000
B52	16%	1.000
B77	14%	1.000
B13	12%	1.000
BW4	9%	1.000
A9	7%	1.000
B17	7%	1.000
B47	7%	1.000
2705	5%	1.000
B5	5%	1.000
B50	5%	1.000

\*\*\* 43 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1011 \*\*\*\*\* SERUM NO. 1012 \*\*\*\*\*

	% POS 8'S		B 5	B 7	A 3	B 5	B 5	B 4	B 3	A 2	B 5	% POS 8'S		B 5	B 5	B 5	B 5	B 5	A 3	B 4	B 4	B 3	METHOD	
	7	8	2	3	1	9	8	5	2	7	8	9	3	2	1	2	9	4	4	8				
Baker, Judy	17	???	+	+									9	???	+	+							(4)	
Cecka, J. Mich	22	100	+	+		+	+					B63	54	100	+	+	+	+	+	+	+		A24, B63	(4)
Cooper, E. Sh	11	3	+	+									5	0	+								(4)	
Dunn, Dale Dr	33	43	+	+			+	+				B37, A26, B47	15	80	+	+				+			(4)	
Eckels/CPMC,	65	???	+		+	+		+				BW4	68	???	+	+				+			BW4, A25	(4)
Hahn, Amy B.	28	75	+	+	+		+						17	100	+	+							(4)	
Klein, Jon MD	45	???	+	+	+	+	+		+	+			53	???	+	+	+		+	+	+	+	B27, B37	(4)
Mah, Helen	44	88	+	+	+	+			+			B27	12	63	+	+							(4)	
Smith/MI,	71	???	+	+	+	+		+	+	+		B59, A2	76	???	+	+	+	+	+	+		+	A23, A25	(4)
Suciu-Foca, N	26	60	+	+	+	+						B5	32	50	+	+		+					B5	(4)

\*\*\*\*\* SERUM NO.1011 \*\*\*\*\* SERUM NO.1012 \*\*\*\*\*

\*\*\* 10 TYPING LABS \*\*\*

B57	100%	0.971
B58	90%	0.964
A32	60%	0.900
B53	50%	1.000
B49	40%	1.000
B51	40%	0.545
A25	30%	1.000
B38	30%	0.875
B52	20%	1.000
A2	10%	1.000
BW4	10%	1.000
B5	10%	1.000
B27	10%	1.000
B47	10%	1.000
B59	10%	1.000
B63	10%	1.000
A26	10%	0.800
B37	10%	0.667

\*\*\* 10 TYPING LABS \*\*\*

B57	90%	0.821
B58	80%	0.917
A32	30%	1.000
B51	30%	1.000
B53	30%	1.000
B59	30%	1.000
B52	30%	0.857
A25	20%	1.000
B38	20%	1.000
B44	20%	1.000
B49	20%	0.400
A23	10%	1.000
A24	10%	1.000
BW4	10%	1.000
B37	10%	1.000
B63	10%	1.000
B5	10%	0.894
B27	10%	0.800

\*\*\* 10 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Antiglobulin

	%		B	B	B	A	B	B	A	%		B	B	B	A	A	B	B	B	B	B	METHOD
	POS	8'S	5	5	5	3	4	2	2	POS	8'S	5	5	5	2	2	6	5	5	4	3	
Cecka, J. Mich	36	100	+	+	+	+	+	+		B53, B77, B62	64	0	+	+	+	+	+	+	+	+	+	(5)
Esteves-Kond	57	100	+	+	+		+	+		B63, B64	77	25	+	+	+		+					B27, B77 (5)
Hahn, Amy B.	22	???				+			+	BW4, A24, A25, A2	6	???				+	+					BW4, A32, A2, A25 (5)
McAlack, Robe	26	100	+	+	+	+			+	B52, B38, B59, B37, B60	35	0	+	+	+	+	+	+	+	+	+	B37, A32 (5)

\*\*\*\*\* SERUM NO.1011 \*\*\*\*\* SERUM NO.1012 \*\*\*\*\*

\*\*\* 4 TYPING LABS \*\*\*

B57	75%	1.000
B58	75%	1.000
B51	75%	0.900
A32	75%	0.857
A23	50%	1.000
B49	50%	0.857
B27	50%	0.833
A2	25%	1.000
A24	25%	1.000
A25	25%	1.000
BW4	25%	1.000
B37	25%	1.000
B38	25%	1.000
B52	25%	1.000
B59	25%	1.000
B60	25%	1.000
B64	25%	1.000
B77	25%	1.000
B53	25%	0.667
B62	25%	0.500
B63	25%	0.500

\*\*\* 4 TYPING LABS \*\*\*

A23	75%	1.000
B53	75%	1.000
B57	75%	1.000
B58	75%	1.000
A24	75%	0.923
A32	50%	1.000
B49	50%	1.000
B63	50%	1.000
B51	50%	0.857
B52	50%	0.857
B38	50%	0.750
A2	25%	1.000
A25	25%	1.000
BW4	25%	1.000
B27	25%	1.000
B37	25%	1.000
B77	25%	1.000

\*\*\* 4 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1013										SERUM NO. 1014										METHOD									
	%	%	B 6	B 1	B 6	B 4	B 4	B 4	B 4	B 8	B 2	B	%	%	B 1	B 7	B 6	B 2	B 4	B 6		B 4	B 4	B 8	B 7					
	POS	8'S	0	3	1	5	1	7	4	1	7	7	POS	8'S	3	7	1	7	7	0	1	8	1	3						
Abbal, Michel	???	???	+		+	+	+	+		+	+		???	???	+	+	+	+	+		+	+	+	+	B45	(3)				
Al-Attas, Rab	???	???	+	+	+	+				+	+		???	???	+	+									A80, A29, A66, B8>	(3)				
Alvarez & Ca	19	100	+		+					+	+		19	100	+		+		+						B44, B45, B44	( )				
Berka, Noured	54	100	+	+	+	+	+	+	+	+	+		80	100	+	+	+	+	+		+	+			B44, B45	(3)				
Cantwell, Lin	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+		+	+	+	+	6602	(3)				
Cecka, J. Mich	34	80	+	+	+	+				+			67	100	+	+	+	+		+	+	+	+		B45, B49	(4)				
Choo, Yoon MD	5	0											33	33	+	+	+	+		+					B49, B45	( )				
Claas, F.H.J.	40	0				+	+	+		+	+	+	52	100	+	+		+	+	+	+	+	+		B12, B40, B21	(6)				
Cohen, JHM Pr	45	???	+	+	+	+	+	+	+				76	???	+	+	+	+	+	+	+	+	+		B49, B50	(3)				
Dhanwada, Sub	43	???		+			+	+		+	+	+	85	???	+	+		+	+	+	+	+	+		B40, B12, B21>	(3)				
Dunckley, Hea	4	50	+		+								24	67	+		+	+	+	+	+	+	+		B40, B12	(1)				
Dunk, Arthur	15	80	+	+	+				+				20	100	+		+		+	+	+	+			B40, B12	(6)				
Dunn, Dale Dr	8	0	+										38	60	+	+	+	+	+	+	+	+	+		B48	(4)				
Dunn, Paul Dr	12	100	+						+				37	100	+		+	+	+	+	+	+			B48	(2)				
Eckels/CPMC,	78	???		+		+	+	+	+	+	+		93	???	+		+	+							6602, B12, B21>	(3)				
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+		+	+	+	+	B50	A29, 6602, A80>	(3)			
Esteves Kond	7	75	+										22	100	+		+		+						B50	A66	(3)			
Esteves-Kond	53	100	+	+	+	+	+	+		+	+		75	100	+	+	+	+	+	+	+	+	+			B49, B48	(1)			
Gandhi & Gen	20	???	+	+	+	+	+	+	+	+	+		29	???	+	+	+	+	+	+	+	+	+			B49, B48	(3)			
Gautreaux, Mi	54	???	+	+	+	+	+	+	+	+	+		64	???		+	+	+	+	+	+	+	+			B50	A66	(3)		
Gideon, Osna	48	100	+	+	+		+	+	+	+	+		88	???	+		+		+	+	+	+				B82, B50	B45, B44, B37>	(3)		
Hahn, Amy B.	16	75	+		+	+							54	100	+	+	+	+	+	+	+	+	+			B49, B50, B37	(4)			
Hamdi, Nuha D	42	100	+	+	+	+	+	+		+	+		55	100	+		+	+	+	+	+	+	+			B49, B50, B37	B44, A3, B49, B45	(3)		
Han, Hoon Dr	45	???	+	+	+	+		+		+	+		53	???	+	+	+	+	+	+	+	+	+			B49	(3)			
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+		+	+	+		B50, 2708	2708, A66	(3)		
Hogan, Patric	7	25	+										12	80	+		+		+							B50, 2708	(1)			
Israel, Shosh	NT												92	???	+	+	+		+		+	+						6602, A25, A26>	(3)	
Klein, Tirza	50	100	+	+	+		+			+	+	+	94	100	+	+	+		+			+	+			B82, B48, B56	B62, B78, B82>	(3)		
Lardy, N.M. D	26	100	+	+	+								30	83	+		+		+	+	+							(2)		
Leech MD, Ste	???	???		+			+	+		+	+		???	???	+	+		+	+			+				B12, B21, B40	A66, B12, B40	(3)		
Luger, Alan M	19	???	+	+	+	+	+	+	+	+	+		34	???	+	+	+	+	+	+	+	+	+					6602	(3)	
MacCann, Eile	82	???	+		+	+	+	+	+	+	+		96	???	+	+		+	+	+	+	+	+				B49, B50	B40, B12, B21	(3)	
Mah, Helen	1	0											???		+	+	+		+									(4)		
McAlack, Robe	21	100	+	+	+	+	+	+	+	+	+		30	100	+	+	+	+	+	+	+	+	+				B21	(3)		
McAlack-Bala	64	100	+	+	+	+	+	+	+	+	+		84	100	+	+	+	+	+	+	+	+	+				B50	(3)		
Meyer, Pieter	36	???	+	+	+	+	+	+	+	+	+		53	???		+	+		+		+						B49, CW6, B50	CW6, CX15, B49>	(3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+				B50	6602	(3)	
Pais, Maria L	49	???	+		+				+	+	+		53	???	+	+	+		+								B49, B50	(3)		
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+				B50	A66	(3)	
Permpikul &	24	91	+	+	+								36	100	+		+		+									(1)		
Phelan, Donna	40	???		+			+	+		+	+	+	55	???													B12, B21, B40>	B7C, B12C, B8C	(6)	
Pidwell/Aska	11	100	+		+								37	67	+		+		+	+	+							B44, B45	(2)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+				B50, 2708	2708	(3)	
Rosen-Bronso	100	???	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+	+	+	+	+	+				B49	B44, B45	(3)	
Sage, Deborah	82	???	+	+	+	+			+	+	+		94	???		+												6602, B49, B50	6602, A29, A32>	(3)
Sinnott & Gu	???	???		+		+	+	+	+	+	+		???	???	+	+		+		+								6602, B48, B49	6602, B8, B37>	( )
Smith/MI,	41	???	+	+	+	+	+	+	+	+	+		62	???	+	+	+	+	+	+	+	+	+					B50, B48	B50, B49	(4)
Suciu-Foca, N	7	50											8	50													B40	B40	(1)	
Sullivan, Kar	28	???		+	+	+	+			+	+		55	???	+	+		+		+	+	+	+				B49	A29, A31, B45>	(5)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+				B50	A66	(3)	
Turner, E.V.	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+				B50	A66	(3)	

\*\*\* 50 TYPING LABS \*\*\*

B60	78%	0.945
B13	72%	0.817
B61	70%	0.967
B45	64%	0.957
B41	62%	1.000
B47	58%	1.000
B44	54%	0.921
B27	46%	1.000
B81	46%	0.967
B7	42%	1.000
B50	42%	0.957
B49	30%	1.000
B48	20%	0.833
B40	12%	1.000
B21	10%	1.000
6602	8%	1.000
B12	8%	1.000
2708	4%	1.000
B82	4%	1.000

\*\*\* 51 TYPING LABS \*\*\*

B13	86%	0.966
B61	75%	1.000
B7	75%	0.953
B27	71%	0.905
B47	61%	1.000
B60	59%	1.000
B41	55%	0.900
B48	47%	1.000
B81	45%	1.000
B73	45%	0.960
B45	31%	0.905
B44	24%	0.786
A66	18%	0.750
B49	16%	1.000
6602	14%	1.000
B12	10%	0.913
B40	10%	0.905
A29	8%	1.000
A80	6%	1.000
B8	6%	1.000
B21	6%	0.867
2708	4%	1.000
B37	4%	1.000
B38	4%	1.000
B39	4%	1.000
B50	4%	1.000

Methods:

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

\*\*\* 51 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1013 \*\*\*\*\* SERUM NO. 1014 \*\*\*\*\*

SERUM NO. 1013				SERUM NO. 1014							METHOD			
%	%	B 6	B 6	%	%	B 1	B 6	B 6	B 4	B 4		B 4	B 2	
POS 8'S		0	1	POS 8'S		3	1	0	7	1	0	7		
Claas, F.H.J.	40	0	+	B7, B45, B81, B41, B47, B48, B27	52	100	+		+	+	+	+	B7, B12, B21, B48, B73	(1)
Dunckley, Hea	4	50	+		24	67	+	+	+	+				(1)
Esteves Kond	7	75	+		22	100	+	+	+					(1)
Hogan, Patric	7	25	+		12	80	+	+	+					(1)
Permpikul &	24	91	+	B13	36	100	+	+	+					(1)
Suciu-Foca, N	7	50			8	50					+			(1)

\*\*\*\*\* SERUM NO.1013 \*\*\*\*\* SERUM NO.1014 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B60	67%	0.840
B40	33%	1.000
B61	33%	0.500
B7	17%	1.000
B27	17%	1.000
B41	17%	1.000
B45	17%	1.000
B47	17%	1.000
B81	17%	1.000
B48	17%	0.500
B13	17%	0.462

\*\*\* 6 TYPING LABS \*\*\*

B13	83%	0.967
B60	67%	1.000
B61	67%	1.000
B40	33%	1.000
B47	33%	1.000
B41	33%	0.667
B27	33%	0.500
B7	17%	1.000
B48	17%	1.000
B73	17%	1.000
B12	17%	0.867
B21	17%	0.750

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 1013 \*\*\*\*\* SERUM NO. 1014 \*\*\*\*\*

SERUM NO. 1013				SERUM NO. 1014						METHOD		
%	%	B 6	B 6	%	%	B 6	B 6	B 4	B 4		B 1	
POS 8'S		0	1	POS 8'S		1	0	7	1	3		
Dunn, Paul Dr	12	100	+	B48, B47	37	100	+	+	+	+	B27	(2)
Lardy, N.M. D	26	100	+	B13	30	83	+	+	+	+		(2)
Pidwell/Aska	11	100	+		37	67	+	+	+	+	B44, B45	(2)

\*\*\*\*\* SERUM NO.1013 \*\*\*\*\* SERUM NO.1014 \*\*\*\*\*

\*\*\* 3 TYPING LABS \*\*\*

B60	100%	1.000
B61	67%	1.000
B13	33%	1.000
B47	33%	1.000
B48	33%	1.000

\*\*\* 3 TYPING LABS \*\*\*

B13	100%	1.000
B47	100%	1.000
B60	100%	1.000
B61	100%	1.000
B41	100%	0.833
B27	33%	1.000
B45	33%	1.000
B44	33%	0.571

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1013											SERUM NO. 1014											METHOD			
	%	%	B 1	B 4	B 6	B 6	B 4	B 4	B 4	B 8	B 5	B 2	%	%	B 7	B 3	B 1	B 7	B 7	B 1	B 3	B 8		B 1	B 0	
	POS	8'S	3	1	1	0	7	5	4	1	0	7	POS	8'S	7	3	1	7	7	1	3	8	1	0		
Abbal, Michel	???	???	+	+			+	+	+		+	+	???	???	+	+	+	+	+	+	+	+	+	+	B45 (L-3)	
Al-Attas, Rab	???	???	+		+	+		+	+		+	+	???	???	+	+									A80, A29, A66, B8> (L-3)	
Berka, Noured	54	100	+	+	+	+	+	+	+	+	+	+	80	100	+	+	+	+	+	+				+	B44, B45 (L-3)	
Cantwell, Lin	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	6602 (L-3)	
Cecka, J. Mich	49	100	+	+	+	+	+	+	+	+	+	+	62	100	+	+	+	+	+	+				+	A66 (L-3)	
Cohen, JHM Pr	45	???	+	+	+	+	+	+	+		+		76	???	+	+	+	+	+				+	+	B49 (L-3)	
Dhanwada, Sub	43	???	+	+		+					+	+	85	???	+	+	+	+	+	+	+	+	+	+	B40, B12 (L-3)	
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	6602 (L-3)	
Eckels/CPMC,	78	???	+	+			+	+	+		+		93	???	+		+								A29, 6602, A80> (LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Esteves-Kond	53	100	+	+	+	+		+	+		+	+	75	100	+	+	+	+	+				+	+	B45, B49 (F-3)	
Gandhi & Gen	20	???	+	+	+	+	+	+	+	+	+	+	29	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Gautreaux, Mi	54	???	+	+	+	+	+		+		+		64	???	+		+	+	+	+	+			+	A66 (L-3)	
Gideon, Osna	48	100	+	+	+	+	+		+	+	+	+	88	???	+	+	+	+					+	+	B45, B44, B37> (L-3)	
Hahn, Amy B.	21	???	+	+	+	+	+	+	+	+	+	+	33	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Hamdi, Nuha D	42	100	+	+	+	+	+		+		+	+	55	100	+	+	+	+	+	+	+	+	+	+	B44, A3, B49, B45 (L-3)	
Han, Hoon Dr	45	???	+		+	+	+	+		+		+	53	???	+	+	+	+	+	+			+	+	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	2708, A66 (L-3)	
Hogan, Patric	12	???	+	+	+	+	+	+	+	+	+	+	23	???	+	+	+	+	+				+	+	A66, B45 (L-3)	
Israel, Shosh NT													92	???	+	+			+				+	+	6602, A25, A26> (L-3)	
Klein, Tirza	50	100	+	+	+	+			+		+	+	94	100	+	+	+		+	+			+	+	B62, B78, B82> (L-3)	
Leech MD, Ste	???	???	+	+			+				+	+	???	???	+	+	+	+	+						A66, B12, B40 (L-3)	
Luger, Alan M	19	???	+	+	+	+	+	+	+	+	+	+	34	???	+	+	+	+	+	+	+	+	+	+	6602 (L-3)	
MacCann, Eile	82	???		+	+	+	+	+	+	+	+	+	96	???	+	+	+	+				+	+	+	B40, B12, B21 (L-3)	
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
McAlack, Robe	21	100	+	+	+	+	+	+	+	+	+	+	30	100	+	+	+	+	+	+	+	+	+	+	(L-3)	
McAlack-Bala	64	100	+	+	+	+	+	+	+	+	+	+	84	100	+	+	+	+	+	+	+	+	+	+	(L-3)	
Meyer, Pieter	36	???	+	+	+	+	+	+	+	+	+	+	53	???	+		+					+	+	+	CW6, CX15, B49> (L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	6602 (L-3)	
Pais, Maria L	49	???		+	+				+		+		53	???	+	+									+	(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	+	???	???		+	+							+	A34, A66, A26> (L-3)	
Phelan, Donna	19	???	+	+			+		+		+	+	32	???								+			B7C, B12C, B8C> (L-3)	
Pidwell/Aska	44	100	+	+	+	+	+	+	+	+	+	+	80	100	+	+	+	+	+	+	+	+	+	+	B44 (L-3)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	2708 (L-3)	
Rosen-Bronso	100	???	+	+	+	+	+	+	+	+	+	+	100	???	+	+	+	+	+				+	+	B44, B45 (L-3)	
Sage, Deborah	82	???	+		+	+		+	+		+	+	94	???	+										6602, A29, A32> (L-3)	
Smith/MI,	67	???	+	+	+	+	+	+	+	+	+	+	86	???	+	+	+	+	+	+	+	+	+	+	2708, 6602 (L-3)	
Suciu-Foca, N	100	???	+	+	+	+	+	+	+	+	+	+	100	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	
Turner, E.V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66 (L-3)	

(3) - L-Luminex, F-Flow



\*\*\*\*\* SERUM NO.1013 \*\*\*\*\* SERUM NO.1014 \*\*\*\*\*

\*\*\* 40 TYPING LABS \*\*\*

B13	95%	0.959
B41	90%	1.000
B60	88%	1.000
B61	88%	1.000
B45	85%	1.000
B47	85%	1.000
B44	80%	1.000
B81	73%	0.971
B50	68%	1.000
B27	60%	1.000
B7	43%	1.000
B49	35%	1.000
B48	18%	1.000
B21	13%	1.000
B12	10%	1.000
B40	10%	1.000
2708	8%	1.000
6602	8%	1.000
B82	5%	1.000

\*\*\* 41 TYPING LABS \*\*\*

B7	88%	0.963
B13	88%	0.957
B27	80%	1.000
B61	80%	1.000
B47	78%	1.000
B81	73%	1.000
B48	61%	1.000
B73	61%	0.963
B41	56%	1.000
B60	49%	1.000
A66	37%	0.818
B45	24%	1.000
6602	20%	1.000
B44	20%	1.000
B12	10%	1.000
B49	10%	1.000
2708	7%	1.000
A29	7%	1.000
A80	7%	1.000
B40	7%	0.800
A26	5%	1.000
A32	5%	1.000
A34	5%	1.000
B8	5%	1.000
B21	5%	1.000
B38	5%	1.000
B39	5%	1.000
A25	5%	0.667

\*\*\* 41 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1013 \*\*\*\*\* SERUM NO. 1014 \*\*\*\*\*

	SERUM NO. 1013								SERUM NO. 1014										METHOD					
	%	%	B 6	B 6	B 4	B 4	B 5	B 4	B 4	B 1	%	%	B 7	B 7	B 1	B 6	B 6	B 4		B 1	B 7	B 4	B 4	B 4
	POS	8'S	0	1	5	1	0	8	4	3	POS	8'S	7	7	1	0	1	3	3	8	9	5		
Cecka, J. Mich	34	80	+	+	+		+		+	+	67	100	+	+	+	+	+	+	+	+	+	+	+	(4)
Dunn, Dale Dr	8	0	+						+		38	60	+	+	+	+	+	+					+	B81, B47, B44 (4)
Hahn, Amy B.	16	75	+	+	+						54	100	+	+	+	+	+	+	+	+				(4)
Mah, Helen	1	0								???	36	100	+	+	+									(4)
Smith/MI,	41	???	+	+	+	+	+	+	+	B7, B27	62	???	+	+	+	+	+	+	+	+	+			B50 (4)
Suciu-Foca, N	39	52			+					B40, B12	8	20	+	+			+	+						B40 (4)

\*\*\*\*\* SERUM NO.1013 \*\*\*\*\* SERUM NO.1014 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B60	67%	0.938
B41	50%	1.000
B61	50%	1.000
B45	50%	0.714
B13	33%	0.750
B48	33%	0.667
B50	33%	0.667
B44	33%	0.625
???	17%	1.000
B7	17%	1.000
B12	17%	1.000
B27	17%	1.000
B40	17%	1.000

\*\*\* 6 TYPING LABS \*\*\*

B27	100%	0.952
B7	100%	0.905
B13	83%	1.000
B41	83%	1.000
B60	83%	1.000
B61	83%	1.000
B48	50%	1.000
B73	50%	1.000
B49	33%	1.000
B45	33%	0.750
B40	17%	1.000
B47	17%	1.000
B50	17%	1.000
B81	17%	1.000
B44	17%	0.625

\*\*\* 6 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1013 \*\*\*\*\* SERUM NO. 1014 \*\*\*\*\*

	SERUM NO. 1013										SERUM NO. 1014										METHOD	
	%	%	B	B	B	B	B	B	B	B	B	%	%	B	B	B	B	B	B	B		B
	8	6	4	4	1	6	4	2	4	4	4	2	1	B	6	4	4	4	8	6		
POS 8'S	1	1	5	1	3	0	4	7	9	7	5	7	3	7	1	8	7	1	1	0		
Cecka, J. Mich	36	0	+	+	+	+	+	+	+	+	B50	48	100	+	+	+	+	+	+	+	B73	(5)
Esteves-Kond	45	0	+	+	+	+	+	+	+	+	B50	70	100	+	+	+	+	+	+	+	B44, B49, B50	(5)
Hahn, Amy B.	18	???	+	+	+	+	+	+	+	+	B50	25	???	+	+	+	+	+	+	+		(5)
McAlack, Robe	22	0	+	+	+	+	+	+	+	+	B21	26	100	+	+	+	+	+	+	+	B44	(5)
Sullivan, Kar	28	???	+	+	+	+	+		+		B7	55	???	+	+	+	+	+	+		A29, A31, B49>	(5)

\*\*\*\*\* SERUM NO.1013 \*\*\*\*\* SERUM NO.1014 \*\*\*\*\*

\*\*\* 5 TYPING LABS \*\*\*

B13	100%	1.000
B45	100%	1.000
B81	100%	1.000
B41	100%	0.889
B61	100%	0.889
B27	80%	1.000
B44	80%	0.923
B60	80%	0.900
B47	60%	1.000
B49	60%	1.000
B50	40%	0.667
B7	20%	1.000
B21	20%	1.000

\*\*\* 5 TYPING LABS \*\*\*

B13	100%	1.000
B27	100%	1.000
B45	100%	1.000
B7	80%	1.000
B41	80%	1.000
B47	80%	1.000
B61	80%	1.000
B48	80%	0.857
B60	60%	1.000
B81	60%	1.000
B44	40%	1.000
B49	40%	1.000
B73	40%	1.000
A29	20%	1.000
A31	20%	1.000
B50	20%	1.000

\*\*\* 5 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Elisa

	%	%	SERUM NO. 1015											SERUM NO. 1016											METHOD		
			B	B	B	A	A	B	B	B	B				B	B	B	B	B	B	B	B	B				
	POS	8'S	7	1	7	1	4	3	1	0	3	8	POS	8'S	3	7	1	7	0	7	1	8	5	3			
Abbal, Michel	???	???	+		+				+			+	B47, B73, B45	???	???	+	+	+	+		+	+	+	+	+	B41	(3)
Al-Attas, Rab	???	???							+	+			A1, A80, A2, A68>	???	???	+	+									6602, B51, B52>	(3)
Alvarez & Ca	34	100	+		+				+	+			B49, A25, A32>	19	100			+	+						B49, B44	( )	
Berka, Noured	94	100	+	+	+				+	+	+	+	B45, B44	78	100	+	+	+	+	+		+	+	+	B44, B49	(3)	
Cantwell, Lin	???	???	+	+	+	+			+	+		+	B47, B73, 6602	???	???	+	+	+	+		+	+	+	+	6602	(3)	
Cecka, J. Mich	81	100	+	+	+	+			+	+		+	B73, B45	66	100	+	+	+	+	+			+	+	B41, B50	(4)	
Choo, Yoon MD	53	33	+	+	+	+			+	+		+	A11, A1, B45	55	0	+	+	+	+						B49, B41, A3, B21	( )	
Claas, F.H.J.	77	75	+		+					+	+	+	A9, B40, B12, B42>	54	100	+	+	+		+	+	+	+	+	B40, B41, B21	(6)	
Cohen, JHM Pr	76	???	+	+	+	+			+	+		+	B73, B47	56	???	+	+	+	+	+		+	+	+		(3)	
Dhanwada, Sub	93	???	+		+	+				+		+	A9, B40, B47, B73>	73	???	+	+	+		+	+	+	+	+	B40, B41, B12	(3)	
Dunckley, Hea	57	56	+	+	+	+			+	+		+	B47	19	100	+		+	+	+						(1)	
Dunk, Arthur	47	25	+	+	+	+			+	+		+		25	100	+		+	+	+						(6)	
Dunn, Dale Dr	43	100	+	+	+	+				+	+	+	B47, B49	38	40	+	+	+	+	+	+		+		B49, B44	(4)	
Dunn, Paul Dr	60	100	+	+	+	+			+			+	B47	28	100	+		+	+	+	+					(2)	
Eckels/CPMC	89	???							+	+			A1, A2, A25, A28>	81	???	+		+	+					+	6602, B12, B21>	(3)	
Elkhalifa MD	???	???	+	+	+	+			+	+		+	B47	???	???	+	+	+	+		+	+	+	+	B41	(3)	
Esteves Kond	55	100	+	+		+			+	+	+	+	B54, B56	22	100	+		+	+							(1)	
Esteves-Kond	91	100	+	+					+	+		+	B49, A25, A32>	78	100		+	+	+	+	+		+	+	B49, B50, B62	(3)	
Gandhi & Gen	48	???	+	+	+	+			+	+		+	B47, B73	38	???	+	+	+	+	+	+	+	+	+	A66	(3)	
Gautreaux, Mi	94	???	+	+	+				+	+		+	B47, A66	74	???		+	+	+	+	+	+	+	+	A66	(3)	
Gideon, Osna	94	100	+	+	+	+			+	+		+	B47, B78, B56	76	100	+	+	+	+	+	+	+	+	+	B82, B41	(3)	
Hahn, Amy B.	77	100	+	+		+			+	+		+		33	80	+	+	+	+	+					B49	(4)	
Hamdi, Nuha D	84	100	+	+					+	+		+	B8, B39, A69, A31>	64	100	+	+	+	+			+	+	+	B50, A3, A30, B44	(3)	
Han, Hoon Dr	44	???	+	+	+	+			+	+		+	B49	47	???	+	+	+	+	+	+		+	+	B49	(3)	
Harville, Ter	???	???	+	+	+	+			+	+		+	2708	???	???	+	+	+	+		+	+	+	+	2708, A66	(3)	
Hogan, Patric	36	80	+						+	+		+		16	80	+	+	+	+							(1)	
Israel, Shosh	94	???	+	+					+	+		+	6602, A26, A25>	96	???	+	+	+	+		+				6602, A26, A25>	(3)	
Klein, Tirza	94	100	+	+	+	+			+	+		+	B47, B55	76	100	+	+	+	+		+	+			B56, B41, B82	(3)	
Lardy, N.M. D	77	100	+	+	+	+			+	+		+	B44, B45, B49>	30	100	+		+	+	+					B49, B50	(2)	
Leech MD, Ste	???	???	+		+	+				+		+	A66, B40, B42>	???	???	+	+	+	+	+	+		+		A66, B40	(3)	
Luger, Alan M	49	???	+	+	+	+			+	+		+	B47, 6602, B42	36	???	+	+	+	+	+	+	+	+	+	6602	(3)	
MacCann, Eile	96	???	+		+	+			+	+		+	B40, B47	94	???	+	+	+	+	+	+	+			B40, B41, B12>	(3)	
Mah, Helen	45	75	+	+	+	+				+		+		34	0		+	+	+	+					B41, B55	(4)	
McAlack, Robe	44	100	+	+	+	+			+	+		+	B12	40	100	+		+	+	+	+	+	+	+	B41, B44	(3)	
McAlack-Bala	96	100	+	+	+	+			+	+		+		92	100	+	+	+	+	+	+	+	+	+		(3)	
Meyer, Pieter	55	???	+		+				+	+		+	CX15, CW6, B49>	42	???		+	+	+				+	+	CW6, B49, CX15>	(3)	
Ozawa, Mikki	???	???	+	+	+	+			+	+		+	B47	???	???	+	+	+	+		+	+	+	+	B41	(3)	
Pais, Maria L	71	???	+	+					+	+		+	B44, A32	33	???		+	+	+							(3)	
Pereira, Noem	???	???	+	+	+	+			+	+		+	B47, B73	???	???	+	+	+	+	+	+	+	+	+		(3)	
Permpikul &	56	96	+	+					+	+		+		35	100	+		+	+							(1)	
Phelan, Donna	74	???											B7C, B12C, B8C>	46	???										B7C, B12C, B5C>	(6)	
Pidwell/Aska	57	100	+	+	+	+			+	+		+	B47, B45	23	100	+	+	+	+	+						(2)	
Rees, Tracey	???	???	+	+	+	+			+	+		+	2708, B47, B73	???	???	+	+	+	+	+	+	+	+	+	2708, B41	(3)	
Rosen-Bronso	100	???	+	+	+	+			+	+		+	B47, B73	100	???	+	+	+	+	+	+	+	+	+		(3)	
Sage, Deborah	98	???							+	+		+	A1, A2, A25, 6602>	92	???	+	+								6602, B5, B8, B12>	(3)	
Sinnott & Gu	???	???							+	+		+	A1, A2, A25, A29>	???	???	+	+	+	+				+		6602, B8, B35>	( )	
Smith/MI,	60	???	+	+	+	+			+	+		+	B73, B45	40	???	+	+	+	+	+			+	+	B50, B49	(4)	
Suciu-Foca, N	18	60	+										B40, A9	14	50	+									B40	(1)	
Sullivan, Kar	65	???	+		+					+	+	+	A29, A31, B8, B12>	45	???		+	+	+			+			A31, CW6, B49>	(5)	
Tagliere, Jac	???	???	+	+	+	+			+	+		+	B73, A66	???	???	+	+	+	+		+	+	+	+	B41	(3)	
Turner, E.V.	???	???	+	+	+	+			+	+		+	B47, A66	???	???	+	+	+	+		+	+	+	+	B41	(3)	

\*\*\* 51 TYPING LABS \*\*\*

B7	90%	0.901
B61	71%	1.000
B27	71%	0.957
B41	67%	1.000
A23	61%	1.000
A24	61%	0.946
B81	51%	1.000
B60	49%	1.000
B13	49%	0.939
B48	47%	1.000
B47	43%	1.000
B45	22%	1.000
B73	22%	1.000
A25	18%	1.000
A32	18%	1.000
6602	12%	1.000
B49	12%	0.769
A69	10%	1.000
B40	10%	1.000
B44	10%	0.929
A1	10%	0.750
A66	10%	0.714
A2	8%	1.000
A9	8%	1.000
A29	8%	1.000
B12	8%	0.950
A80	6%	1.000
B42	6%	1.000
2708	4%	1.000
A31	4%	1.000
B8	4%	1.000
B56	4%	1.000
A11	4%	0.833

\*\*\* 51 TYPING LABS \*\*\*

B13	82%	0.976
B7	78%	0.693
B61	76%	1.000
B27	75%	0.887
B60	59%	1.000
B47	57%	1.000
B81	49%	0.970
B48	47%	1.000
B45	47%	0.972
B73	39%	1.000
B41	37%	0.889
B49	22%	0.913
B44	16%	0.857
6602	14%	1.000
B40	12%	1.000
B50	10%	1.000
B21	10%	0.909
B8	8%	1.000
B12	8%	1.000
A66	8%	0.667
B62	6%	1.000
2708	4%	1.000
A3	4%	1.000
B35	4%	1.000
B46	4%	1.000
B52	4%	1.000
B63	4%	1.000
B82	4%	1.000
CW6	4%	1.000

Methods:

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

\*\*\* 51 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: All

***** SERUM NO. 1015 *****										***** SERUM NO. 1016 *****										
		B	B	A	B	B	A	B	B			B	B	B	B	B				
%	%	6	1	2	6	4	2	4	4	%	%	1	6	6	B	4	4			
POS	8'S	7	0	3	4	1	1	3	8	POS	8'S	3	1	0	7	7	0	METHOD		
Claas, F.H.J.	77	75	+	+		+	+	+	+	A9, B12, B42, B81	54	100	+	+	+	B45, B81, B41, B27, B48, B21	(1)			
Dunckley, Hea	57	56	+	+	+	+	+	+	+	B27	19	100	+	+	+		(1)			
Esteves Kond	55	100	+	+	+	+	+	+	+	B54, B56	22	100	+	+	+		(1)			
Hogan, Patric	36	80	+	+	+	+		+			16	80	+	+	+		(1)			
Permpikul &	56	96	+	+		+	+				35	100	+	+	+		(1)			
Suciu-Foca, N	18	60	+						+	A9	14	50	+				(1)			

***** SERUM NO. 1015 *****										***** SERUM NO. 1016 *****									
*** 6 TYPING LABS ***										*** 6 TYPING LABS ***									
B7	100%	0.740	B13	100%	0.933														
B60	67%	1.000	B60	67%	1.000														
A24	67%	0.870	B61	67%	1.000														
B13	67%	0.800	B40	33%	1.000														
A23	50%	1.000	B47	33%	1.000														
B41	50%	1.000	B7	33%	0.400														
B61	50%	1.000	B21	17%	1.000														
A9	33%	1.000	B27	17%	1.000														
B40	33%	1.000	B41	17%	1.000														
B47	33%	1.000	B45	17%	1.000														
B48	33%	1.000	B48	17%	1.000														
B27	17%	1.000	B81	17%	1.000														
B42	17%	1.000																	
B54	17%	1.000																	
B56	17%	1.000																	
B81	17%	1.000																	
B12	17%	0.933																	

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

***** SERUM NO. 1015 *****										***** SERUM NO. 1016 *****										
		B	B	B	B	B	A			B	B	B	B							
%	%	6	6	4	2	4	4	2	%	%	6	6	4	1						
POS	8'S	7	1	0	1	7	7	5	4	POS	8'S	1	0	7	3	METHOD				
Dunn, Paul Dr	60	100	+	+	+	+	+	+	B48	28	100	+	+	+	+	B27	(2)			
Lardy, N.M. D	77	100	+	+	+	+	+	+	B44, B13, B49, B50	30	100	+	+	+	+	B49, B50	(2)			
Pidwell/Aska	57	100	+	+	+	+	+	+	A23	23	100	+	+	+	+	B7	(2)			

***** SERUM NO. 1015 *****										***** SERUM NO. 1016 *****									
*** 3 TYPING LABS ***										*** 3 TYPING LABS ***									
B7	100%	1.000	B13	100%	1.000														
B27	100%	1.000	B47	100%	1.000														
B41	100%	1.000	B60	100%	1.000														
B60	100%	1.000	B61	100%	1.000														
B61	100%	1.000	B27	33%	1.000														
A24	67%	1.000	B49	33%	1.000														
B45	67%	1.000	B50	33%	1.000														
B47	67%	1.000	B7	33%	0.333														
A23	33%	1.000																	
B13	33%	1.000																	
B48	33%	1.000																	
B49	33%	1.000																	
B50	33%	1.000																	
B44	33%	0.889																	

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: NIH-ext

	%	%	B	B	B	B	A	A	B	B	B		%	%	B	B	B	B	B	B	B	B	B	METHOD				
	POS	8'S	7	7	1	1	1	3	4	8	7	3	POS	8'S	7	7	3	1	1	7	8	3	5	1				
Abbal, Michel	???	???	+	+		+	+						???	???	+	+	+	+	+	+	+	+	+	(L-3)				
Al-Attas, Rab	???	???											???	???	+								+	6602, B51, B52>	(L-3)			
Berka, Noured	94	100	+	+	+	+							78	100	+	+	+	+					+	B60, B44, B49	(L-3)			
Cantwell, Lin	???	???	+	+	+	+	+						???	???	+	+	+	+	+	+	+	+	+	+	6602	(L-3)		
Cecka, J. Mich	93	100	+	+	+	+	+	+	+				74	100	+	+	+	+	+	+	+	+	+	+	B73	(L-3)		
Cohen, JHM Pr	76	???	+	+	+		+	+	+	+			56	???	+	+	+								B73	(L-3)		
Dhanwada, Sub	93	???	+	+		+							73	???	+	+	+							+	B60, B12	(L-3)		
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+	B73	(L-3)		
Eckels/CPMC,	89	???											81	???	+	+								+	A1, A2, A25, A28>	6602, B12, B21>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Esteves-Kond	91	100	+										78	100	+	+	+						+		B60, B49, A25>	(F-3)		
Gandhi & Gen	48	???	+	+	+	+							38	???	+	+	+	+	+	+					B73	B60, A66	(L-3)	
Gautreaux, Mi	94	???	+	+	+	+							74	???	+	+									B60, A66	B60, A66	(L-3)	
Gideon, Osna	94	100	+	+	+	+							76	100	+	+	+	+	+	+				+	B60, B78, B56	B60, B82	(L-3)	
Hahn, Amy B.	49	???	+	+	+	+	+	+	+				42	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Hamdi, Nuha D	84	100	+										64	100	+									+	B8, B39, A69, A31>	B60, B50, A3, A30>	(L-3)	
Han, Hoon Dr	44	???	+	+	+	+	+						47	???	+	+	+	+	+						B49, B60	B49, B60	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+	2708	2708, A66	(L-3)	
Hogan, Patric	32	???	+	+	+	+							31	???	+	+	+	+	+	+				+	B60, A66, B42	B60, A66	(L-3)	
Israel, Shosh	94	???	+										96	???	+	+	+								6602, A26, A25>	6602, A26, A25>	(L-3)	
Klein, Tirza	94	100	+	+	+	+							76	100	+	+	+	+						+	B60, B55	B60, B56, B82	(L-3)	
Leech MD, Ste	???	???	+	+									???	???	+	+	+	+	+					+	A66, B40, B42	A66, B40	(L-3)	
Luger, Alan M	49	???	+	+	+	+							36	???	+	+	+	+	+					+	B60, 6602, B42	B60, 6602	(L-3)	
MacCann, Eile	96	???	+	+	+	+	+	+	+	+			94	???	+	+								+	B40	B40, B12, B21	(L-3)	
Mah, Helen	???	???	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+	A66, B73	A66	(L-3)	
McAlack, Robe	44	100	+	+	+	+	+	+	+				40	100	+	+	+	+	+					+	B60, B12	B60, B44	(L-3)	
McAlack-Bala	96	100	+	+	+	+	+	+	+				92	100	+	+	+	+	+	+	+	+	+	+			(L-3)	
Meyer, Pieter	55	???	+	+									42	???	+	+								+	CX15, CW6, B49>	CW6, B49, B60>	(L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Pais, Maria L	71	???	+										33	???	+										B60, B44, A32	B60	(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+	B60, B73	B60	(L-3)	
Permpikul &	???	???											???	???	+	+	+	+	+	+					A1, A80, A25, A26>	A1, A3, A36, B60	(L-3)	
Phelan, Donna	46	???											39	???										+	B7C, B12C, B8C>	B7C, B12C, B5C>	(L-3)	
Pidwell/Aska	96	100	+	+	+		+	+	+	+			68	100	+	+	+							+	B45	B60, B49, B44	(L-3)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+	+	+	+	2708, B73	2708	(L-3)	
Rosen-Bronso	100	???	+	+	+	+	+						100	???	+	+	+	+	+	+	+	+	+	+		B60, B73	B60	(L-3)
Sage, Deborah	98	???											92	???	+	+									A1, A2, A25, 6602>	6602, B5, B8, B12>	(L-3)	
Smith/MI,	97	???	+	+	+	+	+	+	+	+			95	???	+	+	+	+	+	+	+	+	+	+		2708	2708	(L-3)
Suciu-Foca, N	100	???	+	+	+	+	+	+	+	+			100	???	+	+	+	+	+	+	+	+	+	+		B73	B60	(L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+		B73, A66	B60	(L-3)
Turner, E.V.	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+	+	+	+		A66	B60	(L-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1015 \*\*\*\*\* SERUM NO.1016 \*\*\*\*\*

\*\*\* 41 TYPING LABS \*\*\*

B7	88%	1.000
B27	80%	0.953
B61	76%	1.000
B81	73%	1.000
B41	68%	1.000
A23	66%	1.000
A24	63%	1.000
B48	61%	1.000
B47	56%	1.000
B13	49%	1.000
B73	34%	1.000
B60	32%	1.000
A25	17%	1.000
A32	17%	1.000
A66	17%	0.778
6602	12%	1.000
A69	12%	1.000
B45	12%	1.000
A2	10%	1.000
A1	10%	0.917
2708	7%	1.000
A80	7%	1.000
B40	7%	1.000
B42	7%	1.000
B49	7%	1.000
A29	7%	0.900
A26	5%	1.000
B12	5%	1.000
B44	5%	1.000

\*\*\* 41 TYPING LABS \*\*\*

B7	90%	1.000
B27	88%	0.957
B13	85%	1.000
B61	80%	1.000
B47	76%	1.000
B81	76%	1.000
B48	68%	1.000
B73	61%	1.000
B41	51%	1.000
B45	51%	1.000
B60	46%	1.000
6602	15%	1.000
B44	15%	1.000
A66	15%	0.750
B49	12%	1.000
B12	10%	1.000
B40	10%	1.000
2708	7%	1.000
B8	7%	1.000
B21	7%	1.000
B62	7%	1.000
A3	5%	1.000
B50	5%	1.000
B52	5%	1.000
B63	5%	1.000
B82	5%	1.000

\*\*\* 41 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Luminex/Flow



\*\*\*\*\* SERUM NO. 1015 \*\*\*\*\* SERUM NO. 1016 \*\*\*\*\*

	%		B B B B B A A B B										%		B B B B B B B B B										METHOD		
	POS	8'S	B 7	B 4	B 6	B 1	B 6	B 2	A 2	A 2	B 8	B 7	POS	8'S	B 7	B 7	B 1	B 0	B 3	B 9	B 5	B 3	B 0	B 8			
Cecka, J. Mich	81	100	+	+	+	+		+	+	+		+	B48, B45	66	100	+	+	+	+	+		+	+	+	+	B41	(4)
Dunn, Dale Dr	43	100	+	+	+	+	+					+	B47, B48, B49	38	40	+	+	+	+	+	+	+				B47, B81, B44	(4)
Hahn, Amy B.	77	100	+	+	+	+	+		+	+	+			33	80	+	+	+	+	+	+						(4)
Mah, Helen	45	75	+	+	+		+		+					34	0	+	+	+	+							B41, B55	(4)
Smith/MI,	60	???	+	+	+	+	+	+	+	+		+	B45	40	???	+	+	+	+	+	+	+	+	+	+		(4)
Suciu-Foca, N	34	45	+	+		+							A9, B40	61	50	+	+			+						B40	(4)

\*\*\*\*\* SERUM NO.1015 \*\*\*\*\* SERUM NO.1016 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B7	100%	1.000
B41	100%	1.000
B13	83%	1.000
B61	83%	1.000
B60	67%	1.000
B27	67%	0.929
A23	50%	1.000
A24	50%	1.000
B45	33%	1.000
B48	33%	1.000
B73	33%	1.000
B81	33%	1.000
A9	17%	1.000
B40	17%	1.000
B47	17%	1.000
B49	17%	0.571

\*\*\* 6 TYPING LABS \*\*\*

B27	100%	0.773
B7	100%	0.625
B13	83%	1.000
B60	83%	1.000
B61	83%	1.000
B49	50%	0.833
B45	50%	0.800
B48	33%	1.000
B50	33%	1.000
B73	33%	1.000
B41	33%	0.571
B40	17%	1.000
B47	17%	1.000
B55	17%	0.667
B44	17%	0.625
B81	17%	0.500

\*\*\* 6 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1015 \*\*\*\*\* SERUM NO. 1016 \*\*\*\*\*

	SERUM NO. 1015										SERUM NO. 1016										METHOD					
	%	%	B	B	B	B	B	B	B	B	B	%	%	B	B	B	B	B	B	B		B	B			
	POS	8'S	7	7	3	5	1	1	1	8	4	0	POS	8'S	7	5	7	1	3	1	8	1	0	0		
Cecka, J. Mich	68	100	+	+	+		+	+	+	+			A24, A23, B73	50	100	+	+	+	+	+	+	+	+	+	B73	(5)
Esteves-Kond	89	100	+	+	+	+	+				+	+	A23, A24, B42	75	100	+	+	+		+					B35, B44, B51>	(5)
Hahn, Amy B.	33	???	+	+	+	+	+	+	+	+			B47, B55	29	???	+	+	+	+	+	+	+	+	+	B47	(5)
McAlack, Robe	46	100	+	+	+	+	+	+	+		+	+	B21	42	100	+	+	+	+	+	+		+	+	B44	(5)
Sullivan, Kar	65	???	+	+	+	+				+	+		A29, A31, B8, B12	45	???	+	+	+	+			+			A31, CW6, B49	(5)

\*\*\*\*\* SERUM NO.1015 \*\*\*\*\* SERUM NO.1016 \*\*\*\*\*

\*\*\* 5 TYPING LABS \*\*\*

B7	100%	1.000
B13	100%	1.000
B27	100%	1.000
B41	80%	1.000
B45	80%	1.000
B44	60%	1.000
B61	60%	1.000
B81	60%	1.000
B48	60%	0.800
A23	40%	1.000
B60	40%	1.000
A24	40%	0.933
A29	20%	1.000
A31	20%	1.000
B8	20%	1.000
B12	20%	1.000
B21	20%	1.000
B42	20%	1.000
B47	20%	1.000
B55	20%	1.000
B73	20%	1.000

\*\*\* 5 TYPING LABS \*\*\*

B7	100%	1.000
B27	100%	1.000
B45	100%	1.000
B13	80%	1.000
B61	80%	1.000
B81	60%	1.000
B41	60%	0.800
B48	60%	0.800
B44	40%	1.000
B49	40%	1.000
B60	40%	1.000
B50	40%	0.667
A31	20%	1.000
B47	20%	1.000
B51	20%	1.000
B53	20%	1.000
B57	20%	1.000
B73	20%	1.000
CW6	20%	1.000
B35	20%	0.667

\*\*\* 5 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 10 2010 \*\*\*\*\*

Method: Elisa

INVESTIGATOR		DNA EXTRACT #469 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*010101		*080101	*0809	*0701/06/18		RSSO, SSP, SBT
2300	Allegheny Ge	*01		*08		*07		RVSSO
745	Anthony Nola	*01010101		*080101	*0809	*070101		SSO, SSP, SBT
5133	Baker, Judy	*01		*08	*0809	*07		SSO
2020	Barnardo, Mar	*01010101		*080101/19N	*0809	*0701/06/18/52		PCR-SSP, SBT
4345	Blasczyk, Rai	*0101/01N/04N/22N/32/34N/37		*0801/19N	*0809	*0701/06/18/52		PCR-SBT
5106	Brown, Colin	*01		*0801	*0809	*07		PCR-SSOP, SBT
785	Chan, Soh Ha	*0101/04N/22N/32/34N/37/45		*0801/19N	*0809	*0701/06/18/52		SBT
3224	Chen, Dongfen	*0101		*0801	*0809	*0701/06/18		SBT, RVSSOP
8021	Clark, Brenda	*0101-04N+		*0801/06-08N+	*0809	*0701/05/06+		PCR-SSP
5219	Daniel, Dolly	*01		*08				PCR-SSP, SSOP
1108	Davis, Mary	*0101	*0101	*0801	*0809	*0701	*0701	SSO, SSP
5323	Dhaliwal, J.	*01		*08	*39	*07		PCR-SSP
5891	Du, Keming	*0101	*0101	*0801	*0809	*0701	*0701	PCR-SBT
3186	Dunckley, Hea	*01		*0801	*0809	*07		SSP, SBT
3766	Dunn, Paul	*01		*08	*0809	*07		PCR-SSOP, SSP
3428	Eckels/Utah	*01	*01	*0801/19N/36	*0809			SSOP
4251	Ellis, Thomas	*0101	*0101	*0801	*0809	*0701/06/18	*0701/06/18	PCR-SSO, SEQ
762	Fischer&Mayr	*0101		*0801/19N	*0809	*0701/06/18/52		RVSSO, SBT1-3
3135	Fischer, John	*0101		*0801	*0809	*0701/06/18		SBT, PCR-SSO
4691	Hajeer, Ali	*01	*01	*08	*08	*07	*07	SSO
810	Hamdi, Nuha	*0101	*0109	*0805	*0809	*0701	*0718	SSO
5803	Henrico's Do	*01		*08		*07		SSP
1461	Hidajat, Mela	*0101	*0101	*0801/27	*0809	*0701	*0701	SSO, SSP
615	Holdsworth, R	*0101/01N/04N/22N/32/34N/37		*0801/19N	*0809			SSP, SBT
2344	Hurley&Hartz	*01010101/*010102N+	*01010101/010102N+	*080101/19N	*0809	*070101/0102+	*070101+	SBT, SSOP
797	Kato, Shunich	*0101/01N		*0801	*0809	*0701/06/18+		SSO, SBT
2847	Kihara, Masaa	*01		*08	*08	*07		RVSSO
87	Land, Geoff	*0101	*0101	*0801	*0809	*0701	*0701	SBT, SSO, SSP
278	Lee, Jar-How	*0101/22N/33-35/37		*0801/29/34/36	*0809	*0701/58/59/65/70/71		SSP, RVSSOP
640	Lee, Kyung Wh	*0101		*0801	*0809	*0701		PCR-SBT
9916	McIntyre, Joh	*01010101		*080101	*0809	*0701/58/59/65+	*0701/58/59+	SSP, SBT
8042	Muncher, Lior	*01		*08		*07		SSP, SSOP
733	Mytilineos, J	*01		*08	*08	*07		PCR-SSO
8065	Ona, Enrique	*01	*11	*08	*0809			SSP
5096	Park, Yun Mi	*01	*01	*08	*08			PCR-SSO
3648	Pereira, Noem	*0101		*0801	*0809	*0701g	*0701g	RSSO, SSP, SBT
3966	Permpikul&Ve	*01		*08		*07		PCR-SSP
2400	Phelan, Donna	*0101		*0801	*0809	*0701		RSSO, SBT, SSP
3753	Reed, Elaine	*0101	*0101	*0801	*0809	*0701/06/18	*0701/06/18	SBT
3625	Rees, Tracey	*01		*08		*07		PCR-SSP
3798	Reinsmoen, N	*010101/01N		*080101	*0809	*0701		SSP, RSSO, SBT
1694	Sauer&Gottwa	*01		*08		*07		SSP
3545	Scornik, Juan	*0101		*0801	*0809	*0701/06/18		RVSSOP, SBT
735	Smith/MI	*01		*08	*08	*07		RSSO, SSP, SEQ
746	Stamm, Luz	*0101		*0801	*0809	*0701		RVSSO, SSP
13	Tagliere, Jac	*0101		*0801	*0809	*0701		
4021	Trachtenberg	*01		*08		*07		RVSSOP
5462	Turner, E. V.	*01010101	*01010101/010102N	*080101	*0809	*0701		SEQ, SSO, SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #470 (Caucasian)	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon		*020101	*680102/11N	*510101/63	*4001/38	*030401/28	*140201/06	RSSO, SSP, SBT
2300	Allegheny Ge		*02	*68	*51	*40	*03	*14	RVSSO
745	Anthony Nola		*020101	*680102	*510101	*4038	*030401	*140201	SSO, SSP, SBT
5133	Baker, Judy		*02	*68	*51	*4001/22N/38/42+	*0304/06/09/19+	*14	SSO
2020	Barnardo, Mar		*02010101/010102L	*680102/11N	*510101	*4038	*030401/0403	*140201	PCR-SSP, SBT
4345	Blasczyk, Rai		*0201/01L/09/43N+	*6801/11N/33	*5101/11N/30/32+	*4038	*0304	*1402	PCR-SBT
5106	Brown, Colin		*0201	*6801	*5101	*4038	*0304	*1402	PCR-SSOP, SBT
785	Chan, Soh Ha		*02	*6801/03/05/08/11N+	*5163	*4007	*0304/28	*1402/06	SBT
3224	Chen, Dongfen		*0201	*6801	*5101	*4038	*0304	*1402	SBT, RVSSOP
8021	Clark, Brenda		*020101-0104/0106+	*6801/02/06+	*510101-0103+	*400101-0105+	*0302/0401-0406+	*1402-08+	PCR-SSP
5219	Daniel, Dolly		*02	*68	*51	*40			PCR-SSP, SSOP
1108	Davis, Mary		*0201	*6801	*5101	*4038	*0304	*1402	SSO, SSP
5323	Dhaliwal, J.		*02	*68	*51	*40	*03	*14	PCR-SSP
5891	Du, Keming		*0201	*6801/11N	*5101	*4038	*0304	*1402	
3186	Dunckley, Hea		*02	*68	*51	*4038	*0304-06/08-10+	*14	SSP
3766	Dunn, Paul		*02	*68	*51	*40	*03	*14	PCR-SSOP, SSP
3428	Eckels/Utah		*02	*68	*51	*4001/38/55/81+			SSOP
4251	Ellis, Thomas		*0201	*6801/11N	*5101	*4038	*0304	*1402	PCR-SSO, SEQ
762	Fischer&Mayr		*0201/02L/09/43N+	*6801/33	*5101/11N/30/32+	*4038	*0304	*1402	RVSSO, SBT1-3
3135	Fischer, John		*0201/01L	*6801	*5101	*4038	*0304	*1402	SBT, PCR-SSO
4691	Hajeer, Ali		*02	*68	*51	*40	*03	*14	SSO
810	Hamdi, Nuha		*0201	*6801	*5101	*4001	*0304	*1402	SSO
5803	Henrico's Do		*02	*68	*51	*40 (B60)	*03 (Cw10)	*14	SSP
1461	Hidajat, Mela		*0201	*6801	*5101	*4038	*0304	*1402	SSO, SSP
615	Holdsworth, R		*02	*68	*5101/11N/30/32+	*4038			SSP, SBT
2344	Hurley&Hartz		*02010101/010102L+	*680102/11N/33	*510101/0105+	*4038	*03040101/040102+	*140201	SBT, SSOP
797	Kato, Shunich		*0201/22	*6801/08/11N	*5101/63	*4001/38	*0304/28	*1402/06	SSO, SBT
2847	Kihara, Masaa		*02	*68	*51	*40	*03	*14	RVSSO
87	Land, Geoff		*0201	*6801	*5101	*4038	*0304	*1402	SBT, SSO, SSP
278	Lee, Jar-How		*0201/83N/*9221/32+	*6801/33/41/47	*5101/48/49/51+	*4038	*0304/57	*1402	SSP, RVSSOP
640	Lee, Kyung Wh		*0201/04/22/34/35	*6801/03/05/08/11N+	*5101	*4038	*0304/28/46	*1402/06	PCR-SBT
9916	McIntyre, Joh		*020101	*680102	*510101	*4038	*0304/47/57	*1402/03/05+	SSP, SBT
8042	Muncher, Lior		*02	*68	*51	*40	*03	*14	SSP, SSOP
733	Mytilineos, J		*02	*68	*51	*40	*03	*14	PCR-SSO
8065	Ona, Enrique		*02	*68	*51	*40 (B60)			SSP
5096	Park, Yun Mi		*02	*68	*51	*40			PCR-SSO
3648	Pereira, Noem		*0201	*6801	*5101	*4038	*0304// *0328	*1402// *1406	RSSO, SSP, SBT
3966	Permpikul&Ve		*02	*68	*51	*40	*03	*1402	PCR-SSP
2400	Phelan, Donna		*0201	*6801/11N	*5101	*4038	*0304	*1402	RSSO, SBT, SSP
3753	Reed, Elaine		*0201/04/22/34/35	*6801/03/05/08/11N+	*5101/63	*4001/38	*0304/28	*1402/06	SBT
3625	Rees, Tracey		*02	*68	*51	*4038	*03 (Cw10)	*1402/07N	PCR-SSP
3798	Reinsmoen, N		*020101/01L	*680102/11N	*510101	*4038	*030401	*140201	SSP, RSSO, SBT
1694	Sauer&Gottwa		*02	*68	*51	*40	*03	*14	SSP
3545	Scornik, Juan		*0201	*6801/11N	*5163	*4001	*0304	*1402	RVSSOP, SBT
735	Smith/MI		*02	*68	*51	*40 (B60)	*03 (Cw10)	*14	RSSO, SSP, SEQ
746	Stamm, Luz		*0201	*6801	*5101	*4038	*0304	*1402	RVSSO, SSP
13	Tagliere, Jac		*0201	*6801	*5101	*4038	*0304	*1402	
4021	Trachtenberg		*02	*68	*51	*40	*03	*14	RVSSOP
5462	Turner, E. V.		*0201	*680102/11N	*510101	*4038	*0304	*1402	SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #471 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*030101/05	*680102/11N/19	*4001	*470101	*0319	*060201	RSSO, SSP, SBT
2300	Allegheny Ge	*03	*68	*40	*47	*03	*06	RVSSO
745	Anthony Nola	*030101	*680102	*4001	*470101	*0319	*060201	SSO, SSP, SBT
5133	Baker, Judy	*03	*68	*4001/22N/54/55+	*4701	*0304/06/07/09+	*06	SSO
2020	Barnardo, Mar	*03010101	*680102/11N	*400101/0102	*47010101/010102	*0319	*060201/0203	PCR-SSP, SBT
4345	Blasczyk, Rai	*0301/01N/20/21N+	*6801/11N/33	*4001/55	*4701	*0319	*0602	PCR-SBT
5106	Brown, Colin	*03	*68	*40	*4701	*0319	*06	PCR-SSOP, SBT
785	Chan, Soh Ha	*03	*6801/08/11N/19/33	*4001/55	*4701	*0319	*0602	SBT
3224	Chen, Dongfen	*0301	*6801	*4001	*4701	*0319	*0602	SBT, RSSOP
8021	Clark, Brenda	*0301-04/07+	*6801/02/06+	*400101-0105+	*4701-05	*0319	*0602/03/07+	PCR-SSP
5219	Daniel, Dolly	*03	*68	*40	*47			PCR-SSP, SSOP
1108	Davis, Mary	*0301	*6801	*4001	*4701	*0304	*0602	SSO, SSP
5323	Dhaliwal, J.	*03	*68	*40	*47	*03	*06	PCR-SSP
5891	Du, Keming	*0301	*6801/11N	*4001	*4701	*0319	*0602	
3186	Dunckley, Hea	*03	*68	*4001/22N/30/34+	*47	*0304-06/08-10+	*06	SSP
3766	Dunn, Paul	*03	*68	*40	*4701	*03	*06	PCR-SSOP, SSP
3428	Eckels/Utah	*03	*68	*4001/55/81/87	*4701			SSOP
4251	Ellis, Thomas	*0301	*6801/11N	*4001	*4701	*0319	*0602	PCR-SSO, SEQ
762	Fischer&Mayr	*0301/01N/20/21N+	*6801/33	*4001/55	*4701	*0319	*0602	RVSSO, SBT1-3
3135	Fischer, John	*0301	*6801/11N	*4001	*4701	*0319	*0602	SBT, PCR-SSO
4691	Hajeer, Ali	*03	*68	*40	*47	*03	*06	SSO
810	Hamdi, Nuha	*0301	*6801	*4001	*4701	*0304	*0602	SSO
5803	Henrico's Do	*03	*68	*40 (B60)	*47	*03 (Cw10)	*06	SSP
1461	Hidajat, Mela	*0301	*6801	*4001	*4701	*0319	*0602	SSO, SSP
615	Holdsworth, R	*03	*68	*4001/55	*4701			SSP, SBT
2344	Hurley&Hartz	*03010101/010102N+	*680102/11N/33	*400101/0102/55	*47010101/010102	*0319	*06020101+	SBT, SSOP
797	Kato, Shunich	*0301/05	*6801/11N/19	*4001	*4701	*0319	*0602	SSO, SBT
2847	Kihara, Masaa	*03	*68	*40	*47	*03	*06	RVSSO
87	Land, Geoff	*0301	*6801	*4001	*4701	*0319	*0602	SBT, SSO, SSP
278	Lee, Jar-How	*0301/46/47/50	*6801/24/33	*4001/54/55/62	*4701	*0319	*0602/18-20	SSP, RVSSOP
640	Lee, Kyung Wh	*0301/05/50	*6801/08/11N/19	*4001	*4701	*0319	*0602	PCR-SBT
9916	McIntyre, Joh	*030101	*680102	*4001	*470101	*0319	*0602/18-20+	SSP, SBT
8042	Muncher, Lior	*0301	*6801	*4001	*4701	*0319	*0602	SSP, SSOP
733	Mytilineos, J	*03	*68	*40	*47	*03	*06	PCR-SSO
8065	Ona, Enrique	*03	*68	*40 (B60)	*47			SSP
5096	Park, Yun Mi	*03	*68	*40	*47			PCR-SSO
3648	Pereira, Noem	*0301	*6801	*4001	*4701	*0319	*0602	RSSO, SSP, SBT
3966	Permpikul&Ve	*03	*68	*40	*47	*03	*0602	PCR-SSP
2400	Phelan, Donna	*0301	*6801/11N	*4001	*4701	*0302	*0602	RSSO, SBT, SSP
3753	Reed, Elaine	*0301/05/50	*6801/08/11N/19	*4001	*4701	*0319	*0602	SBT
3625	Rees, Tracey	*03	*68	*40	*4701/05	*0319	*06	PCR-SSP
3798	Reinsmoen, N	*030101/01N	*680102/11N	*4001	*470101	*0319	*060201	SSP, RSSO, SBT
1694	Sauer&Gottwa	*03	*68	*40	*47	*03	*06	SSP
3545	Scornik, Juan	*0301	*6801/11N	*4001	*4701	*0319	*0602	RVSSOP, SBT
735	Smith/MI	*03	*68	*40 (B60)	*47	*03	*06	RSSO, SSP, SEQ
746	Stamm, Luz	*0301	*6801	*4001	*4701	*0319	*0602	RVSSO, SSP
13	Tagliere, Jac	*0301	*6801	*4001	*4701	*0319	*0602	
4021	Trachtenberg	*03	*68	*40	*4701	*03	*06	RVSSOP
5462	Turner, E. V.	*0301	*680102/11N	*4001	*4701	*0304	*0602	SEQ, SSO, SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #472 (Hispanic)	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon		*020101	*6805	*1401	*4008	*030401/28	*0802/04	RSSO, SSP, SBT
2300	Allegheny Ge		*02	*68	*14	*40	*03	*05/*08	RVSSO
745	Anthony Nola		*020101	*6805	*1401	*4008	*030401	*0802	SSO, SSP, SBT
5133	Baker, Judy		*02	*6805/20	*1401	*4008	*0304/06/09/19+	*08	SSO
2020	Barnardo, Mar		*02010101/010102L	*6805	*1401	*4008	*030401/0403	*0802	PCR-SSP, SBT
4345	Blasczyk, Rai		*0201/01L/09/43N+	*6805	*1401	*4008	*0304	*0802	PCR-SBT
5106	Brown, Colin		*0201	*6805	*1401	*4008	*03	*0802/04	PCR-SSOP, SBT
785	Chan, Soh Ha		*02	*6805	*1401	*4008	*0304/28	*0802/04/23	SBT
3224	Chen, Dongfen		*0201	*6805	*1401	*4008	*0304	*0802	SBT, RVSSOP
8021	Clark, Brenda		*020101-0104/0106+	*6803-05/08+	*1401/17N	*4008/13/35+	*0302/0401-0406+	*0802/04/05+	PCR-SSP
5219	Daniel, Dolly		*02	*68	*14	*40			PCR-SSP, SSOP
1108	Davis, Mary		*0201	*6805/20	*1401	*4008	*0304	*0802	SSO, SSP
5323	Dhaliwal, J.		*02	*68	*14	*40	*03	*08	PCR-SSP
5891	Du, Keming		*0201	*6805	*1401	*4008	*0304	*0802	
3186	Dunckley, Hea		*02	*68	*1401/04/07N	*4008/35/75/82	*0304-06/08-10+	*08	SSP
3766	Dunn, Paul		*02	*6805/20	*1401	*4008	*03	*08	PCR-SSOP, SSP
3428	Eckels/Utah		*02	*6805/20	*1401	*4008			SSOP
4251	Ellis, Thomas		*0201	*6805	*1401	*4008	*0304	*0802	PCR-SSO, SEQ
762	Fischer&Mayr		*0201/01L/09/43N+	*6805	*1401	*4008	*0304	*0802	RVSSO, SBT1-3
3135	Fischer, John		*0201/01L	*6805	*1401	*4008	*0304	*0802	SBT, PCR-SSO
4691	Hajeer, Ali		*02	*68	*14	*40	*03	*08	SSO
810	Hamdi, Nuha		*0201	*6805	*1401	*4008	*0304	*0802	SSO
5803	Henrico's Do		*02	*68	*14 (B64)	*40 (B60)	*03 (Cw10)	*08	SSP
1461	Hidajat, Mela		*0201	*6805	*1401	*4008	*0304	*0802	SSO, SSP
615	Holdsworth, R		*02	*68	*14	*40			SSP
2344	Hurley&Hartz		*02010101/010102L+	*6805	*1401	*4008	*03040101/040102+	*0802	SBT, SSOP
797	Kato, Shunich		*0201/01L	*6805	*1401	*4008	*0304/28	*0802/04	SSO, SBT
2847	Kihara, Masaa		*02	*68	*14	*40	*03	*08	RVSSO
87	Land, Geoff		*0201	*6805	*1401	*4008	*0304	*0802	SBT, SSO, SSP
278	Lee, Jar-How		*0201	*6805	*1401	*4008	*0304	*0802	SSP, RVSSOP
640	Lee, Kyung Wh		*0201	*6805	*1401	*4008	*0304/28/46	*0802/04	PCR-SBT
9916	McIntyre, Joh		*020101	*6805	*1401	*4008	*0304/06/37/57	*0802/17/19+	SSP, SBT
8042	Muncher, Lior		*0201	*6805	*1401	*4008	*0304	*0802	SSP, SSOP
733	Mytilineos, J		*02	*68	*14	*40	*03	*08	PCR-SSO
8065	Ona, Enrique		*02	*68	*14 (B64)	*40 (B61)			SSP
5096	Park, Yun Mi		*02	*68	*14	*40			PCR-SSO
3648	Pereira, Noem		*0201/01L	*6805	*1401	*4008	*0304	*0802	RSSO, SSP, SBT
3966	Permpikul&Ve		*02	*68	*14	*40	*03	*08	PCR-SSP
2400	Phelan, Donna		*0201	*6805	*1401	*4008	*0304	*0802	RSSO, SBT, SSP
3753	Reed, Elaine		*0201	*6805	*1401	*4008	*0304/28	*0802/04	SBT
3625	Rees, Tracey		*02	*6803-05/20/24	*1401/07	*4008	*03 (Cw10)	*0802/04/05+	PCR-SSP
3798	Reinsmoen, N		*020101/01L	*6805	*1401	*4008	*030401	*0802	SSP, RSSO, SBT
1694	Sauer&Gottwa		*02	*68	*14	*40	*03	*08	SSP
3545	Scornik, Juan		*0201	*6805	*1401	*4008	*0304	*0802	RVSSOP, SBT
735	Smith/MI		*02	*68	*14 (B64)	*40 (B61)	*03 (Cw10)	*08	RSSO, SSP, SEQ
746	Stamm, Luz		*0201	*6805	*1401	*4008	*0304	*0802	RVSSO, SSP
13	Tagliere, Jac		*0201	*6805	*1401	*4008	*0304	*0802	
4021	Trachtenberg		*02	*68	*14	*4008	*03	*08	RVSSOP
5462	Turner, E. V.		*0201	*6805	*1401	*4008	*0304	*0802	SEQ, SSO, SSP

## SUMMARY

Extract 469 (Caucasian)  
49 labs  
 A\*01 53%  
 A\*0101 37%  
 A\*010101 2%  
 A\*01010101 8%  
 A\*01 100% TOTAL

Extract 470 (Caucasian)  
49 labs  
 A\*02 59%  
 A\*0201 33%  
 A\*020101 8%  
 A\*02 100% TOTAL  
 A\*68 59%  
 A\*6801/11N 8%  
 A\*680102/11N 8%  
 A\*6801 21%  
 A\*680102 4%  
 A\*68 100% TOTAL

Extract 471 (Caucasian)  
49 labs  
 A\*03 61%  
 A\*0301 33%  
 A\*030101 4%  
 A\*03010101 2%  
 A\*03 100% TOTAL  
 A\*68 61%  
 A\*6801/11N 10%  
 A\*680102/11N 6%  
 A\*6801 19%  
 A\*680102 4%  
 A\*68 100% TOTAL

Extract 472 (Hispanic)  
49 labs  
 A\*02 49%  
 A\*0201 43%  
 A\*020101 8%  
 A\*02 100% TOTAL  
 A\*68 35%  
 A\*6805/20 8%  
 A\*6805 57%  
 A\*68 100% TOTAL

49 labs  
 B\*08 43%  
 B\*0801/19N 8%  
 B\*080101/19N 4%  
 B\*0801 33%  
 B\*080101 10%  
 B\*0805 2%  
 B\*08 100% TOTAL  
 B\*08 27%  
 B\*0809 71%  
 B\*08 98% TOTAL

49 labs  
 B\*51 57%  
 B\*5101 29%  
 B\*510101 10%  
 B\*5163 4%  
 B\*51 100% TOTAL  
 B\*40 37%  
 B\*4001/38 6%  
 B\*4001 4%  
 B\*4007 2%  
 B\*4038 51%  
 B\*40 100% TOTAL

49 labs  
 B\*40 43%  
 B\*4001/55 10%  
 B\*4001 47%  
 B\*40 100% TOTAL  
 B\*47 31%  
 B\*4701 57%  
 B\*470101 12%  
 B\*47 100% TOTAL

49 labs  
 B\*14 35%  
 B\*1401 65%  
 B\*14 100% TOTAL  
 B\*40 31%  
 B\*4008 69%  
 B\*40 100% TOTAL

44 labs  
 Cw\*07 48%  
 Cw\*0701/06/18/52 11%  
 Cw\*0701/06/18 14%  
 Cw\*0701 25%  
 Cw\*070101 2%  
 Cw\*07 100% TOTAL

44 labs  
 Cw\*03 45%  
 Cw\*0304/28 7%  
 Cw\*030401/28 2%  
 Cw\*0304 41%  
 Cw\*030401 5%  
 Cw\*03 100% TOTAL  
 Cw\*14 39%  
 Cw\*1402/06 9%  
 Cw\*140201/06 2%  
 Cw\*1402 41%  
 Cw\*140201 9%  
 Cw\*14 100% TOTAL

44 labs  
 Cw\*03 30%  
 Cw\*0302 2%  
 Cw\*0304 7%  
 Cw\*0319 61%  
 Cw\*03 100% TOTAL  
 Cw\*06 39%  
 Cw\*0602 54%  
 Cw\*060201 7%  
 Cw\*06 100% TOTAL

44 labs  
 Cw\*03 43%  
 Cw\*0304/28 7%  
 Cw\*0304 45%  
 Cw\*030401 5%  
 Cw\*03 100% TOTAL  
 Cw\*08 37%  
 Cw\*0802/04 11%  
 Cw\*0802 50%  
 Cw\*08 98% TOTAL

INVESTIGATOR	CELL NO.1381 (Filipino)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*0207	*24020101	*380201	*460101	*010201	*070201	SSO,SSP,SBT
2020 Barnardo,Mar	*0207	*24020101	*380201	*460101	*0102/17/22/25	*0702/37/39/50+	PCR-SSP,SBT
5106 Brown,Colin	*02	*24	*3802/15	*4601	*01	*07	PCR-SSOP,SBT
774 Cecka,J.Mich	*0207	*24	*38	*46	*01	*07	SSP,SSOP
5232 Charlton,Ron	*0207	*2402	*3802	*4601	*0102	*0702	SSP,RVSSO
4492 Charron,D.	*02	*24	*38	*46	*01	*07	
798 Claas,F.H.J.	*0207	*24020101	*380201	*460101	*010201	*0702	SBT,RLB,SSP
3632 Colombe,Beth	*0207	*2402	*3802	*4601	*0102	*0702	SSP
3904 Cooper,E.Sha	*02	*24	*38	*46	*01	*07	PCR-SSP
5130 Costeas,Paul	*0207	*2402	*3802	*4601	*0102	*0702	SSP,SSO
779 Daniel,Claud	*02	*24	*38	*46	*01	*07	PCR-SSP
8052 Del Pozo,Ana	*02	*24	*38	*46			PCR-SSO
3186 Dunckley,Hea	*02	*24	*38	*46			SSP
3766 Dunn,Paul	*02	*24	*3802/15/18	*4601/02/15N	*01	*07	SSO
856 Dupont,Bo	*0207/15/18	*2402+	*3802/08/15	*4609	*0102+	*0702/10/17/19+	RVSSO,SSP
5214 Eckels/CPMC	*02	*24	*38	*46	*01	*07	SSOP
2332 Elkhalfifa,Mo	*02	*24	*38	*46	*01	*07	RVSSO
4251 Ellis,Thomas	*0207	*2402	*3802	*4601	*0102	*0702/50	PCR-SSO,SEQ
762 Fischer&Mayr	*0207/15N	*2402	*3802/18	*4601/15N	*0102/25	*0702/50/66/74	RSSO,SBTex1-3
792 Gandhi&Genco	*0207	*2402	*3802/15	*4601/15N	*0102	*0702/61N	PCR-SSO,SSP
8043 Gideoni,Osna	*02	*24	*38	*46	*01	*07	SSOP,SSP
810 Hamdi,Nuha	*0201	*2402	*3802	*4601	*0102	*0702	SSO
4269 Hanau,Daniel	*0207	*240201	*380201	*460101	*010201	*070201	SBT,SSP,SSO
3808 Hogan,Patric	*02	*24	*38	*46	*01	*07	SSP
771 Israel,Shosh	*0207	*2402	*3802	*4601	*0102	*0702	SBT
9003 Israel_LR	*02	*24	*38	*46	*01	*07	PCR-SSO
859 Kamoun,Malek	*0207	*2402	*3802	*46	*0102	*0702	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0207/15N	*2402/09N	*3802	*4601	*0102	*0702	SBT
168 Klein,Tirza	*02	*24	*38	*46	*01	*07	PCR-SSO,SSP
278 Lee,Jar-How	*0207	*2402/76/78/79+	*3802/15/18	*4601/15N	*0102/25	*0702/61N/62/66+	SSP,RVSSOP
6649 Lim,Young Ae	*02	*24	*38	*46	*01	*07	PCR-SSP
731 Loewenthal,R	*0207	*240201	*380201	*460101	*010201	*070201	
759 Lopez-Cepero	*0201/04/07/09+	*2402/03/13-15+	*3802/15	*4601/02	*0102/07/11/15+	*0702/38/39/46+	RVSSO
23 Mah,Helen	*02	*24	*3802/15	*4601/02	*0102	*0702	SSO,SSP
8029 Mani,Rama	*02	*24	*38	*46			PCR-SSP
4336 Park,Myoung	*02	*24	*3802/08/15	*46	*01	*07	RVSSO
16 Pidwell/Aska	*0207	*240201	*380201	*460101	*010201//*0117	*070201+//*0739	PCR-RSSOP,SBT
4689 Rajczy,Katal	*02	*24	*3802/15	*4601/02	*01	*07	PCR-RVSSO,SSP
3625 Rees,Tracey	*02	*24	*3802/04/08/15	*46	*01	*07	PCR-SSP
5200 Reinke,Denni	*02	*24	*38	*46	*01	*07	SSP
1160 Rosen-Bronso	*02	*24	*38	*46	*01	*07	RVSSO
793 Rubocki,Ron	*02	*24	*38	*46	*01	*07	SSP
4948 Sage,Deborah	*0207/*9212	*2402/28	*3802/18	*4601/15N	*0102/17/22/25	*0702/37/39/50+	
3519 Semana,Gilbe	*0207	*2402	*3802	*4601	*0102	*0702	SBT
8001 Sheikh,Maqso	*02	*24	*38	*46	*01	*07	RVSSO,SSP
769 Tavoularis,S	*0207	*2402	*3802	*4601	*0102	*0702/50	SSO,SBT,SSP
5451 Tilanus,Marc	*0207	*24020101	*380201	*460101	*010201	*070201	SBT
5462 Turner,E.V.	*0207	*24020101/0101L	*380201	*460101	*0102	*0702	SEQ,SSO,SSP



INVESTIGATOR	CELL NO.1382 (Hispanic)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*020601	*030101	*5001	*3905	*070201	*1701	SSO,SSP,SBT
2020 Barnardo,Mar	*020601	*03010101	*5001	*3905	*0702/50/66/74	*1701-03	PCR-SSP,SBT
5106 Brown,Colin	*0206	*0301	*5001	*3905	*07	*17	PCR-SSOP,SBT
774 Cecka,J.Mich	*02/*92	*03	*5001/04	*39	*07	*17	SSP,SSOP
5232 Charlton,Ron	*0206	*0304	*5001	*3901	*0702	*1701	SSP,RVSSO
4492 Charron,D.	*02	*03	*50	*39	*07	*17	
798 Claas,F.H.J.	*020601	*0301	*5001	*3905	*0702	*1701	SBT,RLB,SSP
3632 Colombe,Beth	*0206	*0301	*5001	*3905	*0702	*1701	SSP
3904 Cooper,E.Sha	*02	*03	*50	*39	*07	*17	PCR-SSP
5130 Costeas,Paul	*0206	*0301	*5001	*3905	*0702	*1701	SSP,SSO
779 Daniel,Claud	*02	*03	*5001/04	*39	*07	*17	PCR-SSP
8052 Del Pozo,Ana	*02	*03	*5001	*39			PCR-SSO
3186 Dunckley,Hea	*02	*03	*50	*39	*07	*17	SSP
3766 Dunn,Paul	*02	*03	*5001	*39	*07	*1701-04	SSO
856 Dupont,Bo	*0201/06+	*0301/12+	*5001/04	*3901/05/11/25N+	*0702	*1701	RVSSO,SSP
5214 Eckels/CPMC	*02	*03	*5001	*39	*07	*17	SSOP
2332 Elkhalfifa,Mo	*02	*03	*50	*39	*07	*17	RVSSO
4251 Ellis,Thomas	*0206	*0301	*5001	*3905	*0702/50	*1701-03	PCR-SSO,SEQ
762 Fischer&Mayr	*0206/*9226	*0301/01N/20/21N+	*5001	*3905	*0702/50/66/74	*1701	RSSO,SBTex1-3
792 Gandhi&Genco	*0206	*0301	*5001	*3905	*0702/61N	*1701	PCR-SSO,SSP
8043 Gideoni,Osna	*02	*03	*50	*39	*07	*17	SSOP,SSP
810 Hamdi,Nuha	*0206	*0301	*5001	*3927	*0702	*1701	SSO
4269 Hanau,Daniel					*07	*17	PCR-RVSSO
3808 Hogan,Patric	*02	*03	*5001/04	*39	*07	*17	SSP
771 Israel,Shosh	*0206	*0301	*5001	*3905	*0702	*1701	SBT
9003 Israel_LR	*02	*03	*50	*39	*07	*17	PCR-SSO
859 Kamoun,Malek	*0206	*0301	*5001	*3905	*0702	*1701	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0206	*0301/03N	*5001	*3905	*0702	*1701/02	SBT
168 Klein,Tirza	*02	*03	*50	*39	*07	*17	PCR-SSO,SSP
278 Lee,Jar-How	*0206/*9926/70	*0301/37/45/46	*5001	*3905	*0702/61N/62/66+	*1701	SSP,RVSSOP
6649 Lim,Young Ae	*02	*03	*50	*39	*07	*17	PCR-SSP
731 Loewenthal,R	*020601	*030101	*5001	*3905	*070201	*1701-03	
759 Lopez-Cepero	*0206/10/21/28+	*0301/04/07/13+	*5001	*3901/05/27/44+	*0702/23/38/46+	*1701-04	RVSSO
23 Mah,Helen	*02	*03	*5001	*39	*07	*17	SSO,SSP
8029 Mani,Rama	*02	*03	*50	*39			PCR-SSP
4336 Park,Myoung	*02	*03	*5001/04	*39	*07	*17	RVSSO
16 Pidwell/Aska	*020601	*030101	*5001	*3905	*070201/50	*1701-03	PCR-RSSOP,SBT
4689 Rajczy,Katal	*02	*03	*5001	*3905/11/27	*07	*17	PCR-RVSSO,SSP
3625 Rees,Tracey	*02	*03	*5001/04	*39	*07	*1701-04	PCR-SSP
5200 Reinke,Denni	*02	*03	*50	*39	*07	*17	SSP
1160 Rosen-Bronso	*02	*03	*5001	*39			RVSSO
793 Rubocki,Ron	*02	*03	*50	*39	*07	*17	SSP
4948 Sage,Deborah	*0206/*9237/69	*0301/17/23	*5001	*3905	*0702/50/66/74	*1701-03	
3519 Semana,Gilbe	*0206	*0301	*5001	*3905	*0702	*1701	SBT
8001 Sheikh,Maqso	*02	*03	*50	*39	*07	*17	RVSSO,SSP
769 Tavoularis,S	*0206	*0301	*5001	*3905	*0702/50	*1701	SSO,SBT,SSP
5451 Tilanus,Marc	*020601	*030101	*500101	*3905	*070201	*1701	SBT
5462 Turner,E.V.	*020601	*03010101/0102N	*5001	*3905	*0702	*1701	SEQ,SSO,SSP

INVESTIGATOR	CELL NO.1383 (Vietnamese)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*0207	*110101	*460101	*5401	*010201		SSO,SSP,SBT
2020 Barnardo,Mar	*0207	*110101	*460101	*5401	*0102/25		PCR-SSP,SBT
5106 Brown,Colin	*02	*11	*4601/10	*5401-03	*01		PCR-SSOP,SBT
774 Cecka,J.Mich	*0207	*11	*46	*54	*01		SSP,SSOP
5232 Charlton,Ron	*0207	*1101	*4601	*5401	*0102	*0102	SSP,RVSSO
4492 Charron,D.	*0207	*1101/09/37	*4601	*5401	*0102/22		
798 Claas,F.H.J.	*0207	*110101	*460101	*5401	*010201		SBT,RLB,SSP
3632 Colombe,Beth	*0207	*1101	*4601	*5401	*0102		SSP
3904 Cooper,E.Sha	*02	*11	*46	*54	*01		PCR-SSP
5130 Costeas,Paul	*0207	*1101	*4601	*5401	*0102		SSP,SSO
779 Daniel,Claud	*02	*11	*46	*54	*01		PCR-SSP
8052 Del Pozo,Ana	*02	*11	*46	*54			PCR-SSO
3186 Dunckley,Hea	*02	*11	*46	*54	*01		SSP+SBT-C
3766 Dunn,Paul	*02	*11	*46	*54	*01		SSO
856 Dupont,Bo	*0207/15N/18	*1101+	*4601/02/15N/18	*5401/08N/13/17	*0102	*0102	RVSSO,SSP
5214 Eckels/CPMC	*02	*11	*46	*54	*01	*01	SSOP
2332 Elkhalfifa,Mo	*02	*11	*46	*54	*01		RVSSO
4251 Ellis,Thomas	*0207	*1101	*4601	*5401	*0102	*0102	PCR-SSO,SEQ
762 Fischer&Mayr	*0207/15N	*1101/21N	*4618	*5406	*0102/25		RSSO,SBTex1-3
792 Gandhi&Genco	*0207	*1101/37	*4601/10/15N	*5401/13	*0102		PCR-SSO,SSP
8043 Gideoni,Osna	*02	*11	*46	*54	*01		SSOP,SSP
810 Hamdi,Nuha	*0201	*1101	*4601	*5401	*0102	*0107	SSO
4269 Hanau,Daniel					*01		PCR-RVSSO
3808 Hogan,Patric	*02	*11	*46	*54	*01		SSP
771 Israel,Shosh	*0207	*1101	*4601	*5401	*0102		SBT
9003 Israel_LR	*02	*11	*46	*54	*0102		PCR-SSO
859 Kamoun,Malek	*0207	*1101	*46	*5401	*0102		PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0207/15N	*1101	*4601	*5401	*0102		SBT
168 Klein,Tirza	*02	*11	*46	*54	*01		PCR-SSO,SSP
278 Lee,Jar-How	*0207	*1101	*4601/15N	*5401/06	*0102/25		SSP,RVSSOP
6649 Lim,Young Ae	*02	*11	*46	*54	*01		PCR-SSP
731 Loewenthal,R	*0207	*110101	*460101	*5401	*010201		
759 Lopez-Cepero	*0201/07/09/18+	*1101-03/06/07+	*4601/02/10	*5401/02/07/13	*0102/07/08/11/15+		RVSSO
23 Mah,Helen	*02	*11	*46	*54	*0102	*0102	SSO,SSP
8029 Mani,Rama	*02	*11	*46	*54			PCR-SSP
4336 Park,Myoung	*02	*11	*46	*54	*01		RVSSO
16 Pidwell/Aska	*0207	*110101	*460101	*5401	*010201		PCR-RSSOP,SBT
4689 Rajczy,Katal	*02	*11	*4601/02	*5401/13	*01		PCR-RVSSO,SSP
3625 Rees,Tracey	*02	*11	*46	*54	*01		PCR-SSP
5200 Reinke,Denni	*02	*11	*46	*54	*01		SSP
1160 Rosen-Bronso	*02	*11	*46	*54	*01		RVSSO
793 Rubocki,Ron	*02	*11	*46	*54	*01		SSP
4948 Sage,Deborah	*0201/07	*1101/36	*4601/15N/18	*5401/06/17	*0102/25		
3519 Semana,Gilbe	*0207	*1101	*4601	*5401	*0102		SBT
8001 Sheikh,Maqso	*02	*11	*46	*54	*01		RVSSO,SSP
769 Tavoularis,S	*0207	*1101	*4601	*5401	*0102		SSO,SBT,SSP
5451 Tilanus,Marc	*0207	*110101	*460101	*5401	*010201		SBT
5462 Turner,E.V.	*0207	*110101	*460101/18	*5401/06	*0102		SEQ,SSO,SSP

INVESTIGATOR		CELL NO.1384 (Black)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
745	Anthony Nola	*300201	*7401	*5001	*580101	*0210	*060201	SSO,SSP,SBT
2020	Barnardo,Mar	*300201	*7401/02	*5001	*580101	*0210	*060201/0203	PCR-SSP,SBT
5106	Brown,Colin	*3002/10	*7401/02/09/11	*5001	*5801	*0210	*0602	PCR-SSOP,SBT
774	Cecka,J.Mich	*30	*74	*5001/04	*5801	*02	*06	SSP,SSOP
5232	Charlton,Ron	*3002	*7401	*5001	*5801	*0210	*0602	SSP,RVSSO
4492	Charron,D.	*3002/25	*7401	*5001	*5801/11	*0210	*0602/18	
798	Claas,F.H.J.	*300201	*7401	*5001	*580101	*0210	*0602	SBT,RLB,SSP
3632	Colombe,Beth	*3002	*7401	*5001	*5801	*0202	*0602	SSP
3904	Cooper,E.Sha	*30	*74	*50	*58	*02	*06	PCR-SSP
5130	Costeas,Paul	*3002	*7401	*5001	*5801	*0210	*0602	SSP,SSO
779	Daniel,Claud	*30	*74	*5001/04	*58	*02	*06	PCR-SSP
8052	Del Pozo,Ana	*30	*74	*5001	*58			PCR-SSO
3186	Dunckley,Hea	*30	*74	*50	*58	*02	*06	SSP
3766	Dunn,Paul	*3002/10/12	*7401/02/09/11	*5001	*58	*02	*06	SSO
856	Dupont,Bo	*3002/10/12	*7401+	*5001	*5801/04/11-13+	*0210	*0602	RVSSO,SSP
5214	Eckels/CPMC	*30	*74	*5001	*58	*02	*06	SSOP
2332	Elkhalifa,Mo	*30	*74	*50	*58	*02	*06	RVSSO
4251	Ellis,Thomas	*3002	*7401/02	*5001	*5801	*0210	*0602	PCR-SSO,SEQ
762	Fischer&Mayr	*3002	*7401	*5001	*5801/11	*0210	*0602	RSSO,SBTex1-3
792	Gandhi&Genco	*3002	*7401	*5001	*5801	*0210	*0602	PCR-SSO,SSP
8043	Gideoni,Osna	*30	*74	*50	*58	*02	*06	SSOP,SSP
810	Hamdi,Nuha	*3002	*7401	*5001	*5801	*0202	*0602	SSO
4269	Hanau,Daniel					*02	*06	PCR-RVSSO
3808	Hogan,Patric	*30	*74	*5001/04	*58	*02	*06	SSP
771	Israel,Shosh	*3002	*7401	*5001	*5801	*0202	*0602	SBT
9003	Israel_LR	*30	*74	*50	*58	*02	*06	PCR-SSO
859	Kamoun,Malek	*3002	*7401	*5001	*5801	*0210	*0602	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*3002	*7401/02	*5001	*5801	*0202	*0602	SBT
168	Klein,Tirza	*30	*74	*50	*58	*02	*06	PCR-SSO,SSP
278	Lee,Jar-How	*3002	*7401	*5001	*5801	*0210	*0602	SSP,RVSSOP
6649	Lim,Young Ae	*30	*74	*50	*58	*02	*06	PCR-SSP
731	Loewenthal,R	*300201	*7401/02	*5001	*580101	*0210	*060201	
759	Lopez-Cepero	*3002/10/12	*7401/02/09/11	*5001	*5801/11/13	*0202/07-10+	*0602/10/12-14+	RVSSO
23	Mah,Helen	*3002/10/12	*74	*5001	*5801/11/13	*02	*06	SSO,SSP
8029	Mani,Rama	*30	*74	*50	*58			PCR-SSP
4336	Park,Myoung	*3002/10/12	*74	*5001/04	*58	*0210	*06	RVSSO
16	Pidwell/Aska	*300201	*7401/02	*5001	*580101	*0210	*060201	PCR-RSSOP,SBT
4689	Rajczyk,Katal	*30	*74	*5001	*5801/02/10N/11+	*0206/10/16	*06	PCR-RVSSO,SSP
3625	Rees,Tracey	*30	*74	*5001/04	*58	*02	*06	PCR-SSP
5200	Reinke,Denni	*30	*74	*50	*58	*02	*06	SSP
1160	Rosen-Bronso	*30	*74	*5001	*58	*02	*06	RVSSO
793	Rubocki,Ron	*30	*74	*50	*58	*02	*06	SSP
4948	Sage,Deborah	*3002	*7402	*5001	*5801/11	*0210	*0602	
3519	Semana,Gilbe	*3002	*7401	*5001	*5801	*0210	*0602	SBT
8001	Sheikh,Maqso	*30	*74	*50	*58	*02	*06	RVSSO,SSP
769	Tavoularis,S	*3002	*7401	*5001	*5801	*0210	*0602	SSO,SBT,SSP
5451	Tilanus,Marc	*300201	*7401	*500101	*580101	*0210	*060201	SBT
5462	Turner,E.V.	*300201	*7401	*5001	*580101	*0210	*0602	SEQ,SSO,SSP

## Cell 1381 (Filipino)

48 labs

A*02	58%
A*0201	2%
A*0207	40%
A*02	100% TOTAL

A*24	61%
A*2402	23%
A*240201	8%
A*24020101	8%
A*24	100% TOTAL

48 labs

B*38	44%
B*3802/15/18	4%
B*3802/15	10%
B*3802/18	4%
B*3802	21%
B*380201	17%
B*38	100% TOTAL

B*46	52%
B*4601/15N	8%
B*4601	21%
B*460101	17%
B*4609	2%
B*46	100% TOTAL

46 labs

Cw*01	61%
Cw*0102	28%
Cw*010201	11%
Cw*01	100% TOTAL

Cw*07	67%
Cw*0702	24%
Cw*070201	9%
Cw*07	100% TOTAL

## Cell 1382 (Hispanic)

47 labs

A*02	60%
A*0206	25%
A*020601	15%
A*02	100% TOTAL

A*03	62%
A*0301	23%
A*030101	11%
A*03010101	2%
A*0304	2%
A*03	100% TOTAL

47 labs

B*50	25%
B*5001/04	13%
B*5001	60%
B*500101	2%
B*50	100% TOTAL

B*39	53%
B*3901	2%
B*3905	43%
B*3927	2%
B*39	100% TOTAL

45 labs

Cw*07	69%
Cw*0702	24%
Cw*070201	7%
Cw*07	100% TOTAL

Cw*17	64%
Cw*1701	36%
Cw*17	100% TOTAL

## Cell 1383 (Vietnamese)

47 labs

A*02	58%
A*0201	2%
A*0207	40%
A*02	100% TOTAL

A*11	62%
A*1101	23%
A*110101	15%
A*11	100% TOTAL

47 labs

B*46	64%
B*4601	21%
B*460101	13%
B*4618	2%
B*46	100% TOTAL

B*54	62%
B*5401	36%
B*5406	2%
B*54	100% TOTAL

46 labs

Cw*01	48%
Cw*0102/25	9%
Cw*0102	32%
Cw*010201	11%
Cw*01	100% TOTAL

## Cell 1384 (Black)

47 labs

A*30	42%
A*3002/10/12	11%
A*3002/10	2%
A*3002	30%
A*300201	15%
A*30	100% TOTAL

A*74	53%
A*7401/02	11%
A*7401	34%
A*7402	2%
A*74	100% TOTAL

47 labs

B*50	23%
B*5001/04	11%
B*5001	64%
B*500101	2%
B*50	100% TOTAL

B*58	45%
B*5801/11/13	4%
B*5801/11	6%
B*5801	30%
B*580101	15%
B*58	100% TOTAL

46 labs

Cw*02	46%
Cw*0202	8%
Cw*0210	46%
Cw*02	100% TOTAL

Cw*06	50%
Cw*0602	41%
Cw*060201	9%
Cw*06	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1381 *****							***** CELL NO.1382 *****							***** CELL NO.1383 *****							***** CELL NO.1384 *****									
		(FILP)							(HISP)							(VIET)							(BLCK)									
INVESTIGATOR	DAYS	A	A	B	B	C	C	B	B	A	A	B	B	C	C	B	B	A	A	B	B	C	B	A	A	B	B	C	C	B	B	
NAME	OLD	%	4	8	6	1	7	4	6	%	0	9	7	1	6	OTHERS	%	1	6	4	1	6	OTHERS	%	0	4	0	8	2	6	4	6

7

Abbal, Michel	3	100	+	+	+	+		+	+	100	+	+	+	+		+	100	+	+	+	+		+	+	+	+		+	+
Alonso, Anton	4	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Alvarez, Carr	3	90	+	+	+	+	+		+	90	+	+	+	+		+	90	+	+	+	+	+		90	+	+	+	+	+
Anthony Nola	4	99	+	+	+	+				99	+	+	+16				99	+	+	+	+			99	+	+	+		
Berka, Noured	3	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Bow, Laurine	1	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
Cecka, J. Mich	3	95	+	+	+	+		+	+	95	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+
Chan MD, Soh	3	95	+	+	+	+	+	+	+	95	+	+	+	+		B62	95	+	+	+	+	+		95	+	+	+	+	+
Charron, D. P	4	100	+	+	+	+		+		100	+	+	+16		+		100	+	+	+	+			100	+	+	+	+	+
Choo, Yoon MD	2	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
Claas, F.H.J.	3	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Cooper, E. Sh	3	99	+	+	+	+		+	+	99	+	+	+	+		+	99	+	+	+	+	+		99	+	+	+	+	+
Dhaliwal, J.S	7	NT								NT							NT							NT					
Du Toit, Erne	4	90	+	+	+	+		+		90	+	+	+	+		BW4	90	+	+	+	+			90	+	+	+	+	+
Dunckley, Hea	8	95	+	+	+	+		+	+	95	+	+	+	+			95	+	+	+	+	+		95	19	+17		+	+
Dunk, Arthur	3	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
Dunn, Paul Dr	7	95	+	+	+	+		+	+	95	+	+	+	+			95	+	+	+	+	+		95	+	+	+	+	+
Eckels/Utah,	4	99	+	+	+	+	+	+	+	99	+	+	+	+	+	CW2	99	+	+	+	+	+		99	+	+	+	+	+
Eisenbrey, A.	4	99	+	+	+	+	+	+	+	99	+	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+
Esteves Kond	2	98	+	+	+	+	+	+	+	98	+	+	+	+	+	3905	98	+01	+	+	+	+		98	+	+	+	+	+
Fischer, Joha	4	95	+	+	+	+		+	+	95	+	+	+	+			95	+	+	+	+	+		95	+	+	+	+	+
Gideon, Osna	3	100	+	+	+	+	+	+	+	100	+	+	+	+	+		100	+	+	+	+	+		100	+	+	+	+	+
Hahn, Amy B.	4	99	+	+	+	+		+	+	99	+	+	+16	+	+	B38	99	+	+	+	+	+		99	+	+	+	+	+
Hanau, Daniel	4	NT								NT							NT							NT					
Hirankarn MD	4	92	+	+	+	+		+	+	80	+	+	+	+		B70	80	+.1	+	+	+			88	+	+	+	+	+
Hogan, Patric	8	90	+	+	+	+	+	+	+	70	+	+	+	+			70	+	+	+	+	+		90	+	+	+	+	+
Holdsworth, R	7	95	+	+	+	+		+	+	95	+	+	+	+		B58	95	+	+	+	+	+		95	+	+	+	+	+
Hubbell, Char	4	95	+	+	+	+		+		95	+	+	+	+			95	+	+	+	+	+		95	+	+	+	+	+
Ichikawa MD,	11	70	+	+	+	+		+	+	70	+	+	+	+			70	+	+	+	+	+		100		+	+	+	CW4, A31
Israel, Shosh	3	95	+	+	+	+	+	+	+	95	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+
Jaramillo, An	16	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
Keown, Paul M	7	90	+	+	+	+		+		90	+	+	+	+			90	+	+	+	+	+		90	+	+	+	+	+
Klein, Tirza	6	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Kvam, Vonnett	3	97	+	+	+	+	+	+	+	97	+	+	+	+	+		97	+	+	+	+	+		98	+	+	+	+	+
Lardy, N.M. D	7	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Lebeck, Laura	4	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
Leech MD, Ste	3	95	+	+	+	+	+	+	+	95	+	+	+	+		B47	95	+	+	+	+	+		95	+	+	+	+	+
Lo, Raymundo	7	98	+	+	+	+				98	+	+				B47	98	+	+					98	+	+			
Loewenthal M	6	90	+	+	+	+	+	+	+	90	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+
Lopez-Cepero	3	99	+	+	+	+	+	+	+	99	+	+	+	+	+	3905	99	+	+	+	+	+		99	+	+	+	+	+
Luger, Alan M	2	95	+	+	+	+	+	+	+	95	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+
MacCann, Eile	3	98	+	+	+	+		+	+	98	+	+	+	+			98	+	+	+	+	+		98	+	+	+	+	+
Mah, Helen	3	98	+	+	+	+	+	+	+	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+
McAlack, Robe	2	97	+	+	+	+	+	+	+	97	+	+	+	+	+		97	+	+	+	+	+		98	+	+	+	+	+
McAlack-Bala	2	98	+	+	+	+	+	+	+	99	+	+	+	+	+		98	+	+	+	+	+		99	+	+	+	+	+
McCluskey, Ja	10	95	+	+	+	+	+	+	+	95	+	+	+	+	+		95	+	+	+	+	+		95	+19	+	+	+	A31
Meyer, Pieter	9	85	+	+	+	+	+	+	+	85	+	+	+	+		B38V	85	+	+	+	+	+		90	+	+	+	+	+
Norin, Allen	7	95	+	+	+	+	+	+	+	95	+	+	+	+		B35	95	+	+	+	+	+		85	+	+	+	+	B57
Padua, Florec	4	98	+	+	+	+		+		97	+	+	+	+			97	+	+	+	+	+		95	+	+	+	+	+
Pais, Maria L	10	99	+	+	+	+				99	+	+	+	+			99	+	+	+	+	+		98	+	+	+	+	+



\*\*\*\*\*  
 \* \*  
 \* SUMMARY TABLE \*  
 \* \*  
 \*\*\*\*\*

(FILP)  
 \*\*\*\* CELL 1381 \*\*\*\*  
 (66 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A24 100.0%  
 (100.0%)  
  
 B38 98.5%  
 ( 98.5%)  
  
 B46 95.5%  
  
 CW1 63.6%  
  
 CW7 60.6%  
  
 BW4 90.9%  
  
 BW6 50.0%

(HISP)  
 \*\*\*\* CELL 1382 \*\*\*\*  
 (67 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A3 100.0%  
  
 B50 91.0%  
 B21 3.0%  
 ( 94.0%)  
  
 B39 91.0%  
 B16 4.5%  
 ( 95.5%)  
  
 CW7 56.7%  
  
 CX17 19.4%  
 ( 19.4%)  
  
 BW6 89.6%

(VIET)  
 \*\*\*\* CELL 1383 \*\*\*\*  
 (67 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A11 94.0%  
 11.1 1.5%  
 1101 4.5%  
 (100.0%)  
  
 B46 97.0%  
  
 B54 89.6%  
 B22 4.5%  
 ( 94.0%)  
  
 CW1 68.7%  
  
 BW6 91.0%

(BLCK)  
 \*\*\*\* CELL 1384 \*\*\*\*  
 (67 SAMPLES TYPED)  
 A30 95.5%  
 A19 1.5%  
 ( 97.0%)  
  
 A74 88.1%  
 A19 1.5%  
 ( 89.6%)  
  
 B50 95.5%  
 B21 1.5%  
 ( 97.0%)  
  
 B58 95.5%  
 B17 3.0%  
 ( 98.5%)  
  
 CW2 62.7%  
  
 CW6 56.7%  
  
 BW4 91.0%  
  
 BW6 88.1%

(OTHERS FOUND)  
 B47 1.5%  
 BW6S 1.5%  
 B38V 1.5%  
 B58 1.5%

(OTHERS FOUND)  
 BW4 4.5%  
 B38 4.5%  
 3905 3.0%  
 B35 1.5%  
 CW2 1.5%  
 B70 1.5%  
 B62 1.5%  
 B71 1.5%  
 B39V 1.5%

(OTHERS FOUND)  
 CW7 9.0%  
 CW3 3.0%  
 B55 3.0%  
 B56 1.5%  
 B18 1.5%

(OTHERS FOUND)  
 A31 4.5%  
 B57 1.5%  
 B48 1.5%  
 CW4 1.5%  
 B61 1.5%