

# REPORT OF THE 335th CELL EXCHANGE

## AUGUST 6, 2008

B-Cell Line	409-412
Serum	961-968
DNA Extract	425-428
Cells	1337-1340

### B-cell line Exchange

We wish to express our appreciation to **Franz Claas, Leiden University Medical Centre, Leiden, The Netherlands**, and **Doreen Sese and Francisca Beato, Brigham and Women's Hospital, Boston**, for providing challenging cells to type in our exchange studies. We also wish to acknowledge the collaboration of the **HLA Laboratory at the National Institutes of Health, Bethesda**, for sharing cells studied in international workshops.

Two DRB1\*0806 cells previously typed in a 2002 study as TER-295 and TER-296, as correctly identified by Ball, Hahn, Lefor, Mah, Pidwell, and Stamm, were showcased together again. These same 6 labs also identified the Hispanic cell with the rare DRB1\*1424 cell as previously typed as TER-221, studied by exchange labs over 10 years ago - Congratulations!

Different DR14 alleles, including DRB1\*1406, DRB1\*1408, and DRB1\*1424, were re-examined in present studies.

**TER-409.** This Caucasian donor from Morocco was previously typed as TER-295 in 2002.

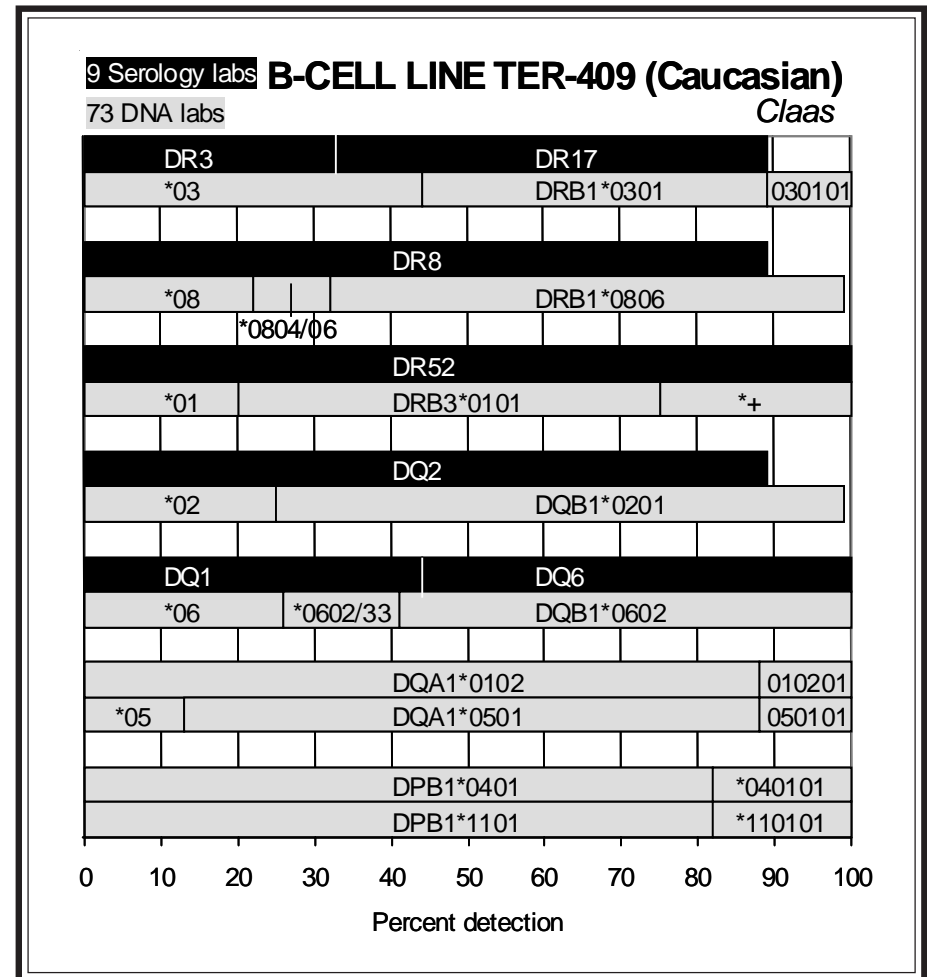
In this present retyping, DRB1\*0806 was identified by 67%. DRB1\*0806 was also typed in 2 other cells, TER-296 (2002), also retyped in this same study, and TER-356 (2005).

DR8 was assigned by 89%.

The likely haplotypes were DRB1\*0806-DQB1\*0602-DQA1\*0102 and DRB1\*0301 (\*030101)-DRB3\*0101-DQB1\*0201-DQA1\*0501. Benmamar et al. (1) described DRB1\*0806 as the most commonly found DR8 subtype in the Algerian population and is associated with DQB1\*0602 and DQA1\*0102. Interestingly, a different association, DRB1\*0806-DQB1\*0501, was present in TER-356.

In the 2002 typing, DPA1\*0103 and DPA1\*0201 were assigned by Costeas.

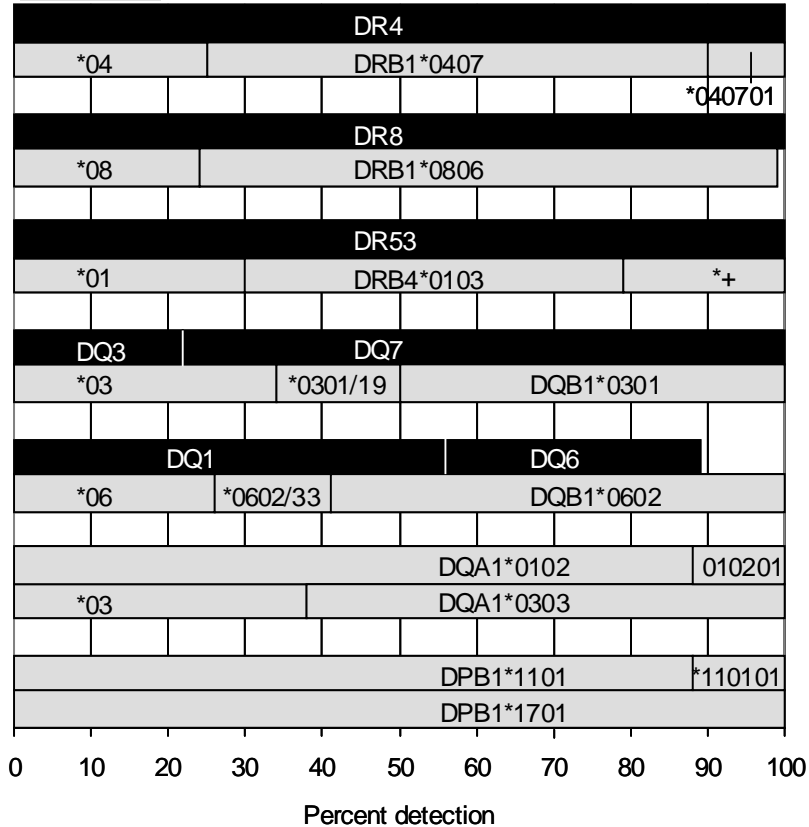
DPB1\*0401 (\*040101) and DPB1\*1101 (\*110101) were assigned in complete agreement.



9 Serology labs

## B-CELL LINE TER-410

71 DNA labs



**TER- 410.** This cell of unknown ethnicity was previously typed as TER-230 (1998) and TER-296 (2002). It was the first DRB1\*0806 to be studied in the Cell Exchange.

In this present retyping, DRB1\*0407 and DRB1\*0806 were well typed, by 75% of the labs.

The probable associations were DRB1\*0407-DRB4\*0103-DQB1\*0301-DQA1\*0303 and DRB1\*0806-DQB1\*0602-DQA1\*0102, the same association found in TER-409. The same DRB1\*0407-DRB4\*0103-DQB1\*0301-DQA1\*0303 association was also recently detected in TER-407 (also typed as TER-328) from a Caucasian donor.

In the previous typing in 2002, DPA1\*0201 was reported by Costeas.

DPB1\*1101 (\*110101) and DPB1\*1701 were assigned by 100%. Darke noted that, instead of DPB1\*1101, DPB1\*7401 was possible for both TER-409 and TER-410.

**TER-411.** This cell from an Hispanic individual was HDB, a reference cell for the rare DRB1\*1424, as astutely identified by Ball. It was previously typed as TER-221 (1998) ten years ago in the Cell Exchange. The increased detection levels and standardization for DRB1\*1406 and DRB1\*1424, as well as the improved serologic detection for DR14 since its initial 1998 typing are obvious in the following table:

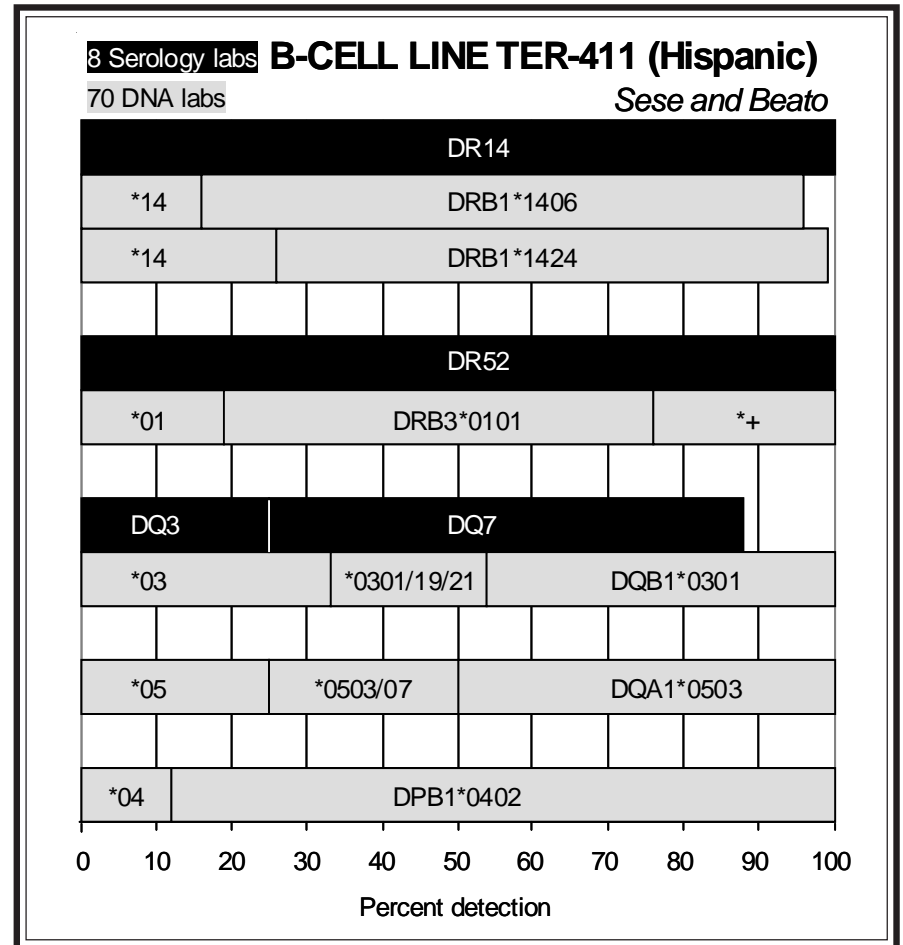
	TER-221 1998 91 labs	TER-411 2008 70 labs		TER-221 1998 36 labs	TER-411 2008 8 labs
DRB1*14	32%	14%	DR6	19%	x
<i>DRB1*1402</i>	22%	3%	<b>DR14</b>	<b>53%</b>	<b>100%</b>
<b>DRB1*1406</b>	<b>56%</b>	<b>80%</b>	DR1402	3%	x
DRB1*1413	20%	x	DR1404	3%	x
<b>DRB1*1424</b>	<b>37%</b>	<b>73%</b>	DR1406	3%	x
DRB1*1433	x	2%	<i>DR13</i>	33%	x
<i>DRB1*13</i>	30%	2%	DR1302	3%	x
DRB1*13/*14	x	3%	<i>DR3</i>	22%	x
DRB1*1301	1%	x	<i>DR11</i>	11%	x
<i>DRB1*1309</i>	21%	x	DR12	3%	x

*Italics indicate misassigned variants with marked decrease in % detection.*

Ellis et al. (2) described DRB1\*1424 as being most similar to DRB1\*1402 in exon 2, "... except that it contains the 'I—A' motif found at codons 67-71 common to the DRB1\*15 alleles." DRB1\*1309 also has the same substitutions in this region of codons. This cell is the sole DRB1\*1424 typed in the Cell Exchange.

DR14 was assigned by 100%. Rubocki noted crossreactivity with anti-DR3 sera.

The probable haplotypes were DRB1\*1406-DRB3\*0101-DQB1\*0301-DQA1\*0503 and DRB1\*1424-DRB3\*0101-DQB1\*0301-DQA1\*0503. The same DR1406 haplotype was also found in TER-313 (also TER-240) from a Japanese donor.

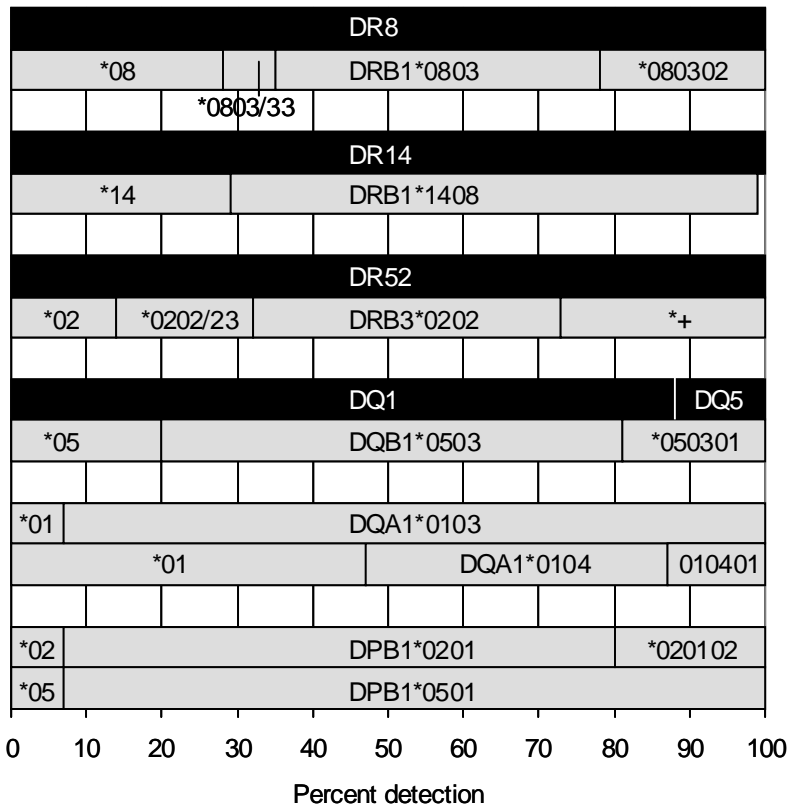


DPB1\*0402 was assigned by the majority. However, 5 labs did not conclusively resolve DPB1\*0402 from DPB1\*0602.

This Hispanic donor was also typed as extract 57 (1998) as A\*0201, A\*0206, B\*3501, B\*1515, Cw\*0102, Cw\*0401.

**8 Serology labs TER-412 (Australian Aborigine)**

67 DNA labs



**TER-412.** This cell from an Australian Aborigine donor was "WON, I" and was typed in the international workshops as IHW#9194, as correctly identified by Ball. It was previously studied as TER-238 (1999), as identified by Ball and Lefor.

The rare DRB1\*1408 was detected by 70% in this present retyping, similar to the 65% level attained in 1999. The other DRB1 allele was DRB1\*0803 (65%), with 22% assigning DRB1\*080302. Both DRB1\*0803 and DRB1\*1408 are commonly found in Australian Aborigines, according to Lester et al. (3,4)

The probable haplotypes were DRB1\*1408-DRB3\*0202-DQB1\*0503-DQA1\*0104 and DRB1\*0803-DQB1\*0503-DQA1\*0103. Costeas commented that Gao and Serjeantson (5) observed the rare DRB1\*1408-DRB3\*0202 association in Australian Aborigines and Papua New Guinea Highlanders. It was also somewhat unexpected to find DRB1\*0803 in association with DQB1\*0503. DRB1\*0803-DQB1\*0601 is normally found in Asian populations. Population studies of Australian Aborigines by Lester et al. indicated that DRB1\*0803 may be found in association with either DQB1\*0601 or DQB1\*0503.

DPB1\*0201 (\*020102) and DPB1\*0501 were assigned in consensus. DPB1\*0201 was not resolved from DPB1\*1802 by 2 labs. Other alternative DP typings were DPB1\*0102 and DPB1\*1601 (Lefor, Pidwell, Tiercy) or DPB1\*0501 and DPB1\*1802 (Charron, Tiercy).

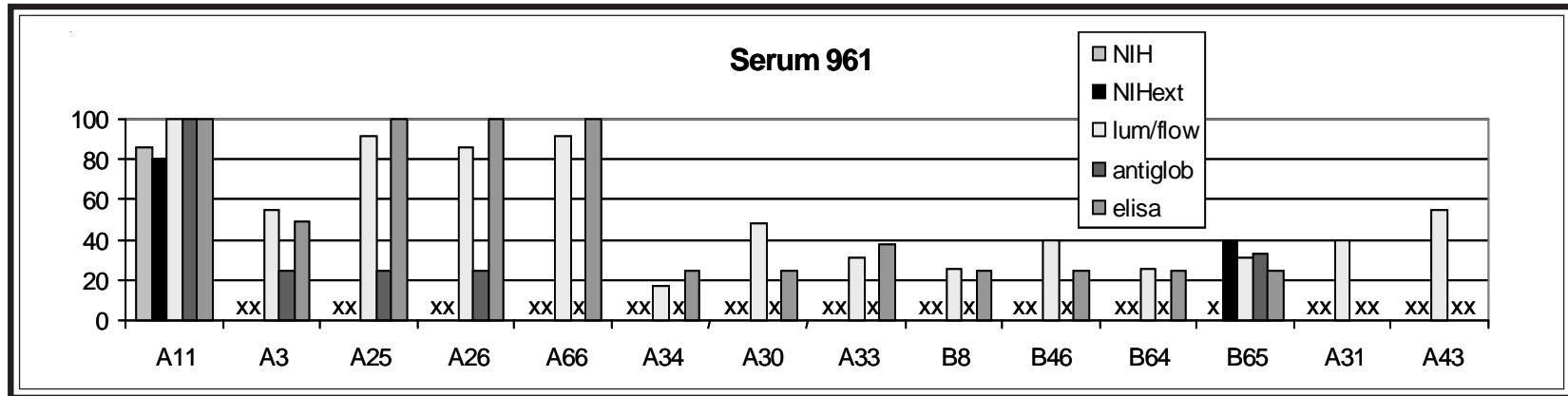
This cell was also typed as extract 126 (2000) as A\*3401, - , B\*4002, B\*5601, Cw\*0102, Cw\*1502, class I types commonly found in Australian Aborigines. (4)

## Serum Exchange

One month's study (**sera 961-964**) included 3 antisera strongly positive to A11 and more weakly reactive to A10 specificities by all screening methods. In contrast, the fourth antibody was positive to A10 specificities by all methods, but more weakly positive to A11.

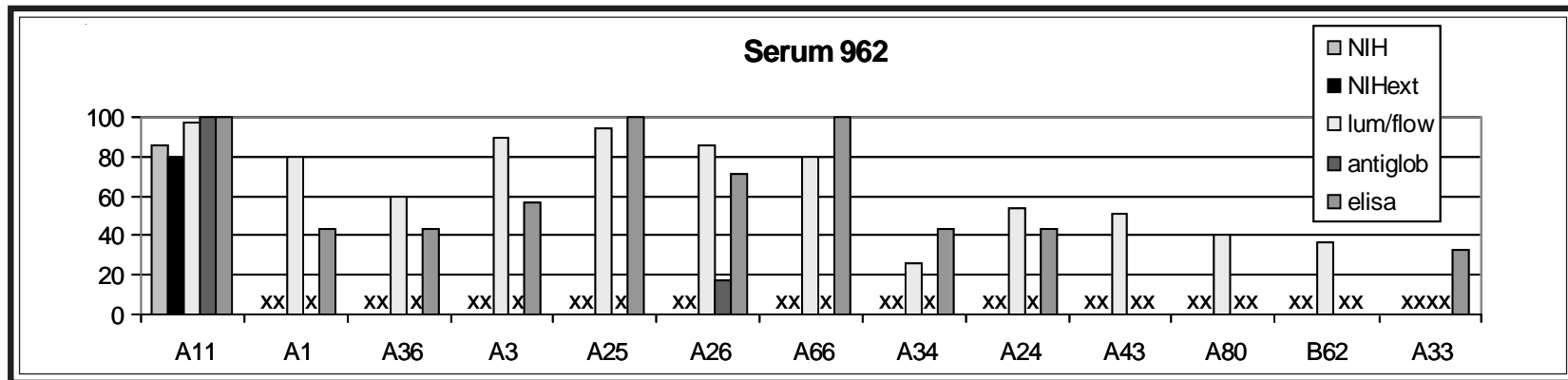
The second antibody study featured 3 antisera (**sera 965-967**) reactive to

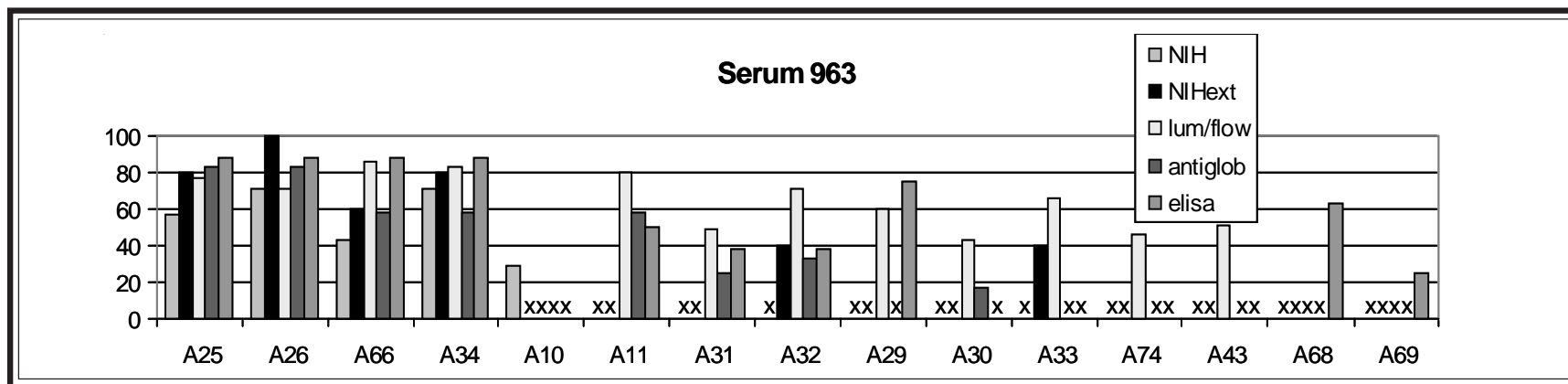
A2 and B17 (B57, B58), with 2 sera showing strong anti-A2 and weaker anti-B17 reactivity, and the third antiserum having strong anti-B17, but weaker anti-A2 reactions. The fourth antibody, **sera 968**, was reactive to the B5 complex, including B35, B53, B51, B52, and B15.



**Serum 961** was operatively monospecific to A11 by standard and extended NIH methods. Labs using antiglobulin reported very weak additional reactivity to A25, A26, and A3 whereas, by Luminex, flow, and ELISA, the reactivity to A25, A26, and A66 was very strong, but was somewhat weaker to A3. Luminex, flow, and ELISA labs also reported reactions to A19 specificities, B8, B14, and B46.

The reactivity pattern for **serum 962** was somewhat similar to that of serum 961, that is, labs using NIH and antiglobulin reported it as being operatively monospecific to A11, and the labs using Luminex, flow, and ELISA reported additional anti-A10 and -A3 reactivity. Reactivity by the more sensitive techniques was also reported for A1, A36 and A24.

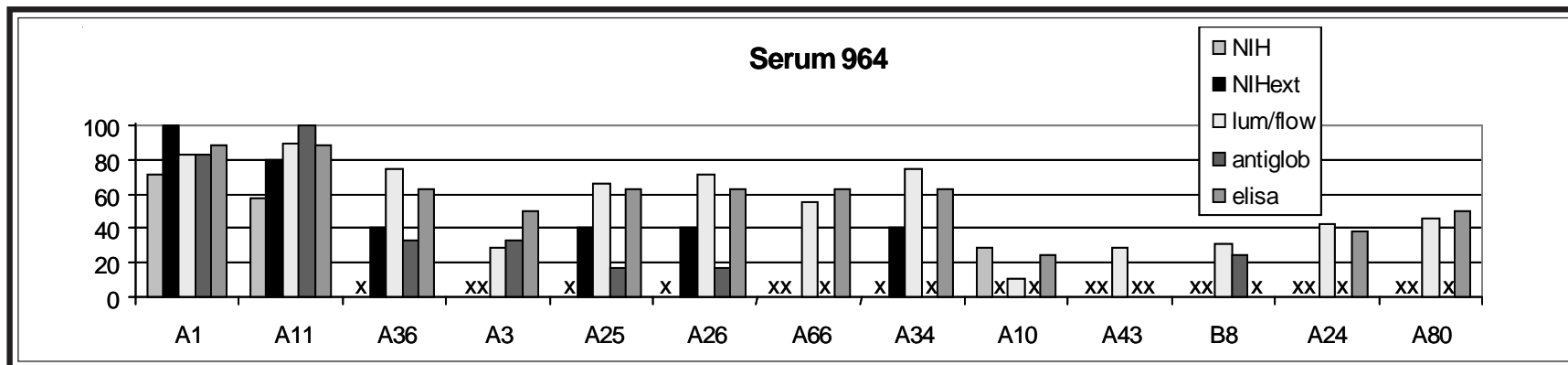


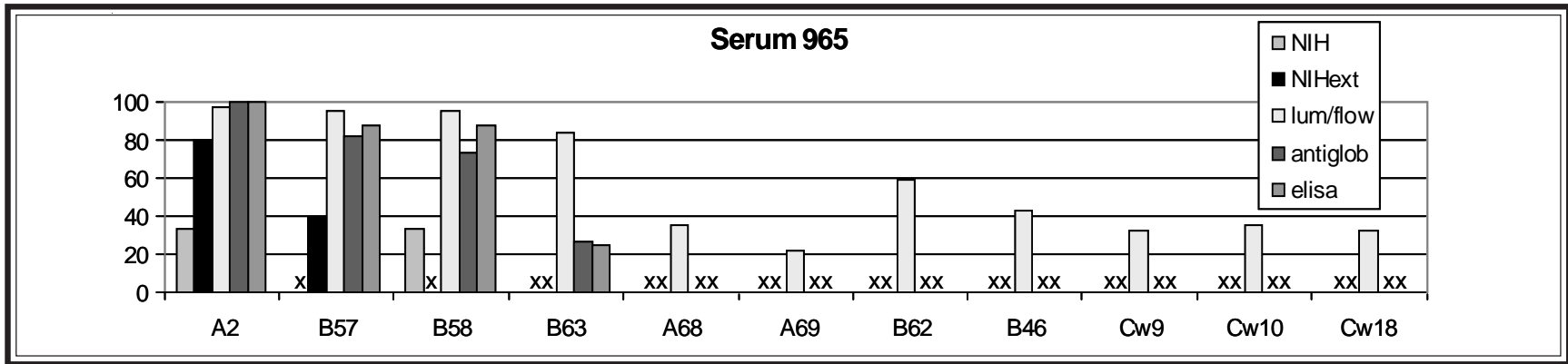


**Serum 963** was positive to A10 (A25, A26, A66, A34) specificities by all methods. A11 was also detected by Luminex, flow, antiglobulin, and ELISA, but not by NIH. Additional reactivity to A19 (A29, A30, A31, A32, A33, A74) specificities was detected by the more sensitive assays. Luminex and flow also reported anti-A43 reactivity and ELISA reported anti-A68 and -A69 reactivity.

**Serum 964** was found to be positive to A1, A36, A11, and A10 specificities. Alanine at position 152, at peptide #7 binding site, is shared by A1, A11, and A36, and threonine at position 149 is shared by the A10 specificities. Sites 149 and 152 in the second domain of the HLA molecule are only 3 angstroms apart. Varied anti-A3 reactivity was also reported, except by labs using NIH.

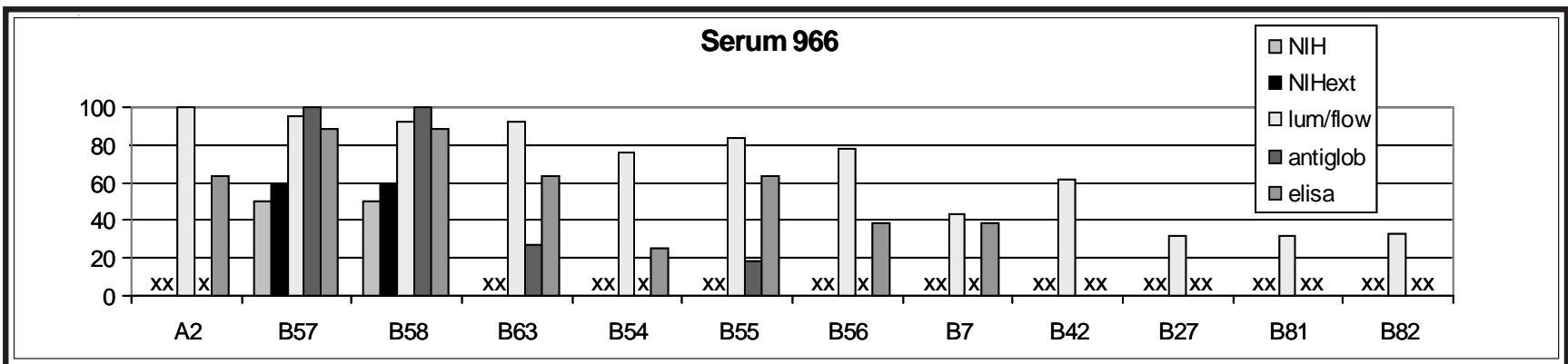
Luminex, flow, and ELISA reported additional reactivity to A24 and A80. This antibody was previously screened three times, as sera 676 (2000), 858 (2005), and 907 (2006). In the 2006 testing, DNA was extracted from the serum sample by Cook and was typed as **A\*01, A\*02, A\*29, (A\*36), B\*3503 group, B\*4403 group, B\*51, B\*78, Cw\*02, Cw\*04, Cw\*12, Cw\*16**, with the following conclusion, "For Ter 907, HLA-A1 and HLA-B35 are present and suspected to be two of the sensitizing antigens/alleles and are suspected to be principal immunogen giving rise to HLA antibodies present in this sample. Since all the HLA-B antibodies are of the Bw6 group, HLA-B35 may be the specific immunogen giving rise to a Bw6 antibody, if in fact this is a single HLA-B antibody."

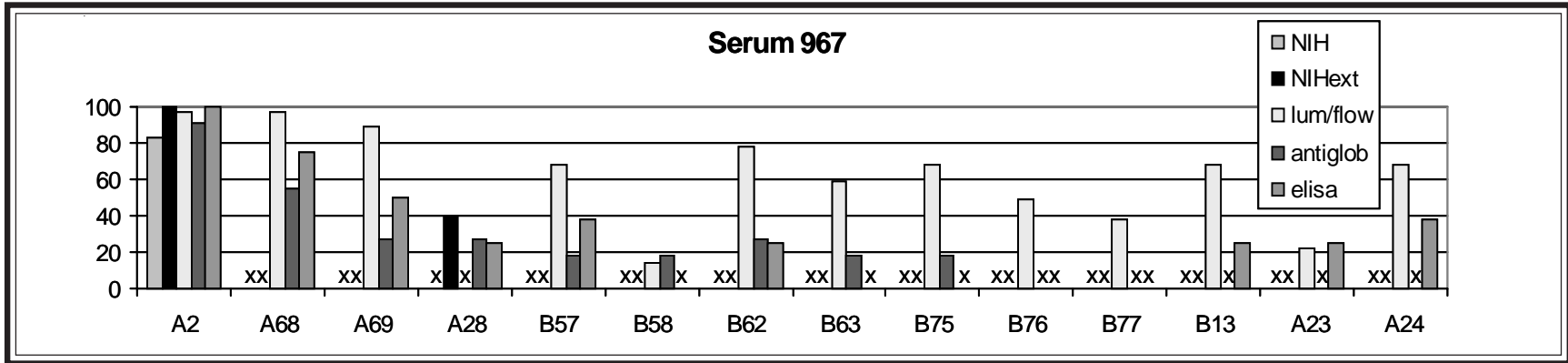




**Serum 965** reacted as an operatively monospecific A2 antiserum by NIH. Luminex, flow, antiglobulin, and ELISA reported strong anti-B57 and -B58 reactivity with additional weaker reactivity to B63. Luminex and flow also reported that this serum was positive to A68, A69, B62, B46, and several C-locus specificities.

**Serum 966** reacted as an operatively monospecific B17 antiserum by NIH and antiglobulin. Luminex, flow, and ELISA detected strong anti-A2 reactivity and additional reactivity to other specificities, including B63, B22, and B7creg specificities.

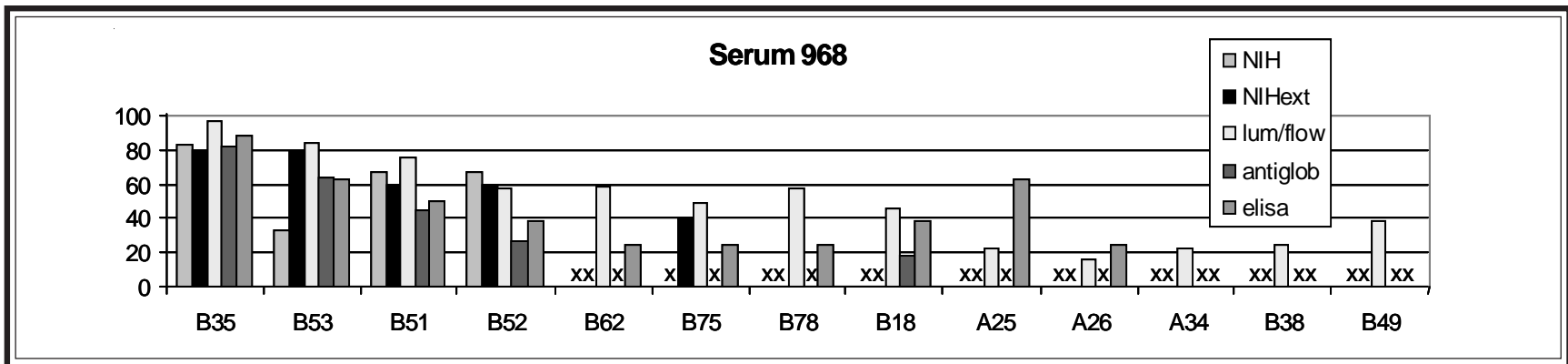




**Serum 967** was similar to serum 965, in that it reacted as a monospecific anti-A2 serum by NIH. Luminex, flow, antiglobulin, and ELISA reported additional reactivity to A28 (A68, A69), B17 (B57, B58), and B15 (B62, B63, B75) specificities. Overall, serum 965 displayed stronger reactions to B17, but had very weak or no reactivity to A28 whereas serum 967 showed weaker anti-B17, but stronger anti-A28 reactivity.

It was interesting to compare the reaction patterns of sera 965 and 967 (strong A2, weaker B17) to that of serum 966 (weaker A2, strong B17)

Positive reactions to B35, B53, B51, and B52 were reported by all methods for **serum 968**. These specificities were part of what was previously known as the “4c” serologic group. Luminex, flow, and ELISA reported additional reactivity to B15, B18, and A10 specificities.

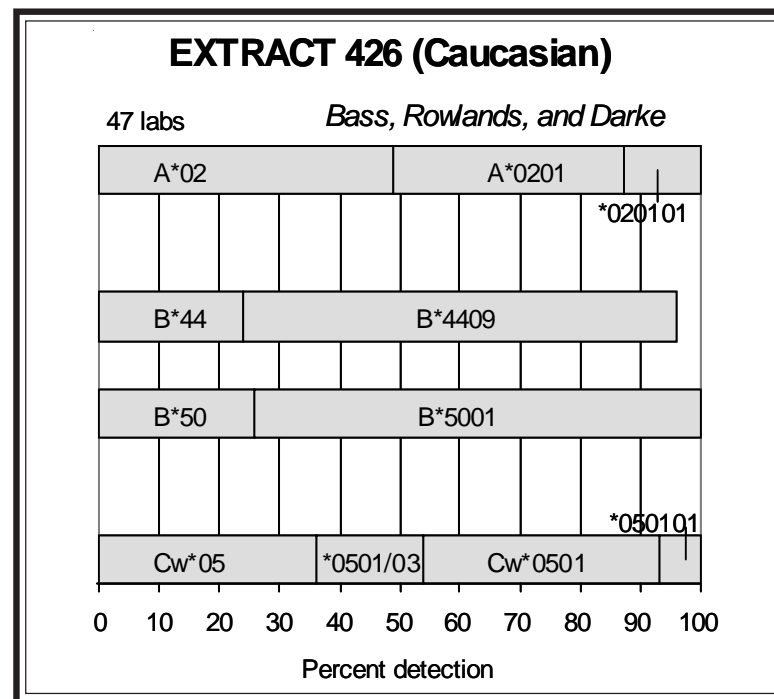
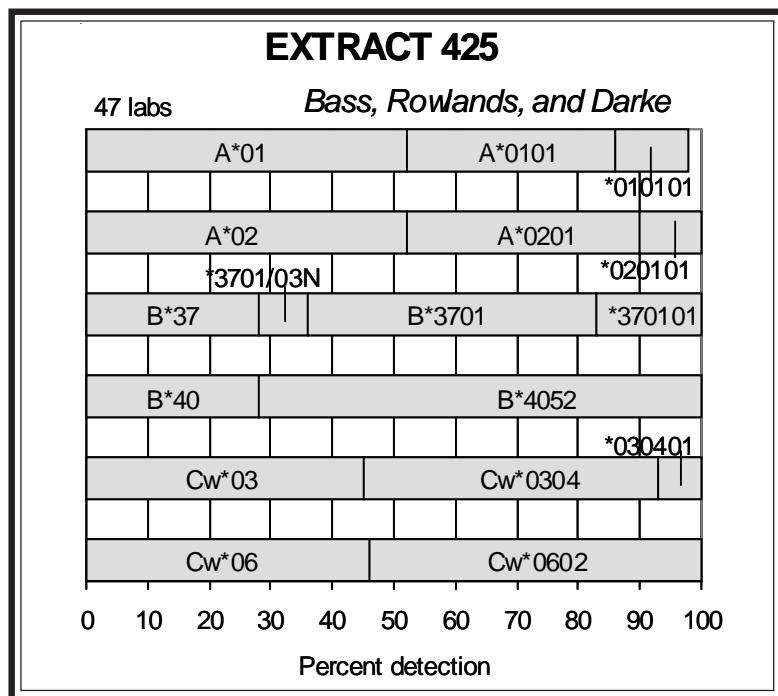




## Extract Exchange

We appreciate the generous collaboration of **Helen Bass, Jane Rowlands, and Christopher Darke, Welsh Blood Service, Pontyclun**, in

their efforts to provide reference cells with interesting alleles.



**Extracts 425.** This cell was 35285, the reference cell for B\*4052, as correctly identified by Brown, Chen, and Moses and Dunckley. Street et al. (6) described the novel variant, "B\*4052 differs from B\*400101 at positions 412 AAC > GAC and 419 TAC > TCC in exon 3 resulting in two amino acid substitutions: codon 114N (asparagine) > 114D (aspartic acid) and codon 116Y (tyrosine) > 116S (serine) - alpha2 domain." The investigators stated that B\*4052 cells gave shorter or weaker than normal B60 reaction patterns.

B\*4052 was detected by 73%. This was the first time that this B40 allele was typed in the Cell Exchange.

The other B-locus type was B\*3701 (\*370101), as assigned by 65%

Family studies by Street et al. showed that, "...the B\*4052-bearing haplotype as: HLA-A\*0201, Cw\*0304, DRB1\*0401, DRB4\*0101/3/5, DQA1\*03, DQB1\*0301, DPA1\*0103/7, DPB1\*0301/7001." The other haplotype in this donor was A\*0101-B\*3701-Cw\*0602.

**Extract 426.** The rare B\*4409 was present in this cell from a Caucasian individual, previously typed as extract 270 (2003) and as TER-356 (2005), as identified by Barnardo, Brown, Moses and Dunckley, and Stamm. Montague noted that this allele was in the unusual association with Bw6, not the expected Bw4 as normally associated with B44 variants. The serologic expression of this variant is that of a B45, as listed in the 2004 HLA Dictionary (7).

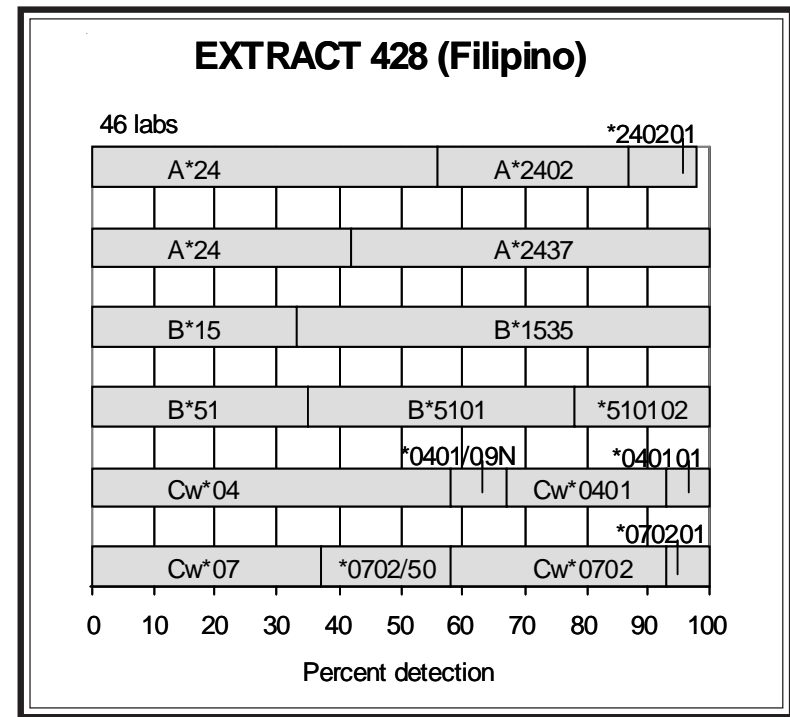
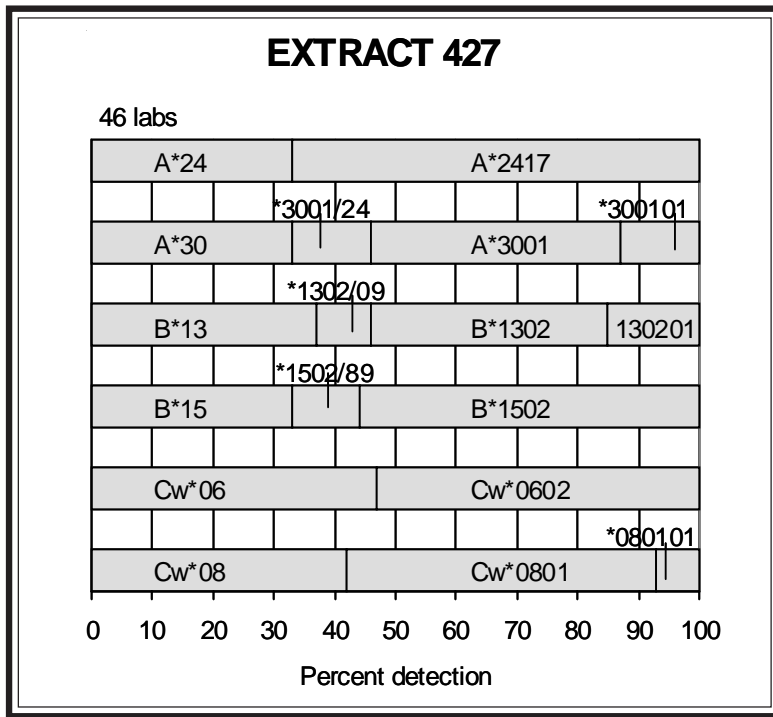
In this present retyping, B\*4409 was assigned by 73%. The same allele was also typed in extract 271 (also extract 202) from another Caucasian donor.

B\*5001 was reported by 75%, increasing over the 46% detection level in the 2003 typing.

Cw\*0501 (46%) was the sole C-locus type.

A\*0201-B\*4409-Cw\*0501 was present in both this cell and extract 271.

When studied as TER-356, the results indicated the class II typing as DRB1\*0401, DRB1\*0806, DRB4\*0103, DQB1\*0301, DQB1\*0501, DQA1\*0102, DQA1\*0303, DPB1\*0301, DPB1\*0401.



**Extract 427.** This donor was previously typed as extract 333 (2005), as correctly identified by Barnardo, Moses and Dunckley, and Stamm. When typed in 2005, this cell was featured in the same study with NDS-NH, an A\*2417 reference from an Asian donor, typed as extract 334 (also typed as extracts 122, 254).

In this present retyping, the rare A\*2417 was detected by 66%.

The second A-locus allele was A\*3001 (55%).

B\*1302 (55%) and B\*1502 (57%) were the B-locus high-resolution types.

The probable associations in this cell were B\*1302-Cw\*0602 and B\*1502-Cw\*0801.

**Extract 428.** This Filipino cell was previously typed as extract 242 in a 2003 family study. This donor was the mother of TER1132, the A\*2437 reference, described by Lebedeva et al. (8), and shared the A\*2437-B\*1535-Cw\*0702 haplotype with her offspring. TER1132 was typed in the family study as extract 243 and her father was typed as extract 241.

A\*2437 was assigned by 57% in this present retyping, compared to the 20% detection level in the 2003 typing, when this allele was newly recognized. The second A-locus allele, A\*2402, was reported by 44%. A\*2437 is most homologous to A\*240201, except for one substitution in codon 47, position 212, (CCG->CTG), resulting in an amino acid change (Pro-> Leu). The retyping results indicated improved standardization for A\*2437, since the number of labs that assigned only A\*2402 and missed the presence of A\*2437, decreased from 9 to 2 labs.

Both B\*1535 and B\*5101 (\*510102) were assigned by 66%.

The C-locus alleles were Cw\*0401 (33%) and Cw\*0702 (42%).

The Cell Exchange family study results and high-resolution class II results from Lebedeva and Yu (personal communication, 10/10/03) revealed the haplotypes in this donor to be A\*2402-B\*510102-Cw\*0401-DRB1\*120201-DQB1\*0301 and A\*2437-B\*1535-Cw\*0702-DRB1\*150201-DQB1\*0502. It was somewhat unusual to find B\*5101 in association with Cw\*0401. B\*5101 is found usually with Cw\*1402 or Cw\*1502.

## Cell Exchange

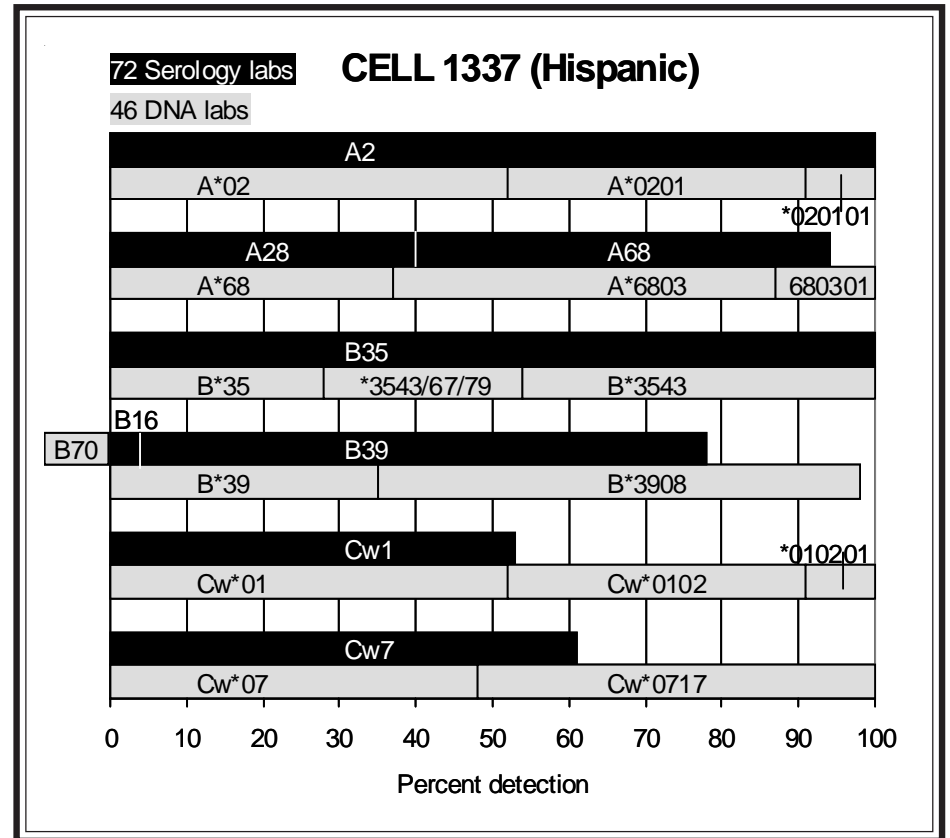
**Cell 1337.** A variant of B39 (74%) was present in this cell from an Hispanic donor. Comments of unusual, weak, or short anti-B39 reactivity were given by a number of labs (Abbal, Anthony Nolan Trust, Williams and Ciccirelli, Darke, Dunk, J.Fischer, Holdsworth, Esteves-Kondo, Lardy, MacCann, Paik, Sperry, Tiercy, Osowski and Ward). B\*3908 was assigned by 63%. B\*3908 was previously typed in cell 912 (also ext 70) from an Hispanic/Chinese donor and cell 1206 (also cells 1094, 1137, 1180) from an Hispanic donor.

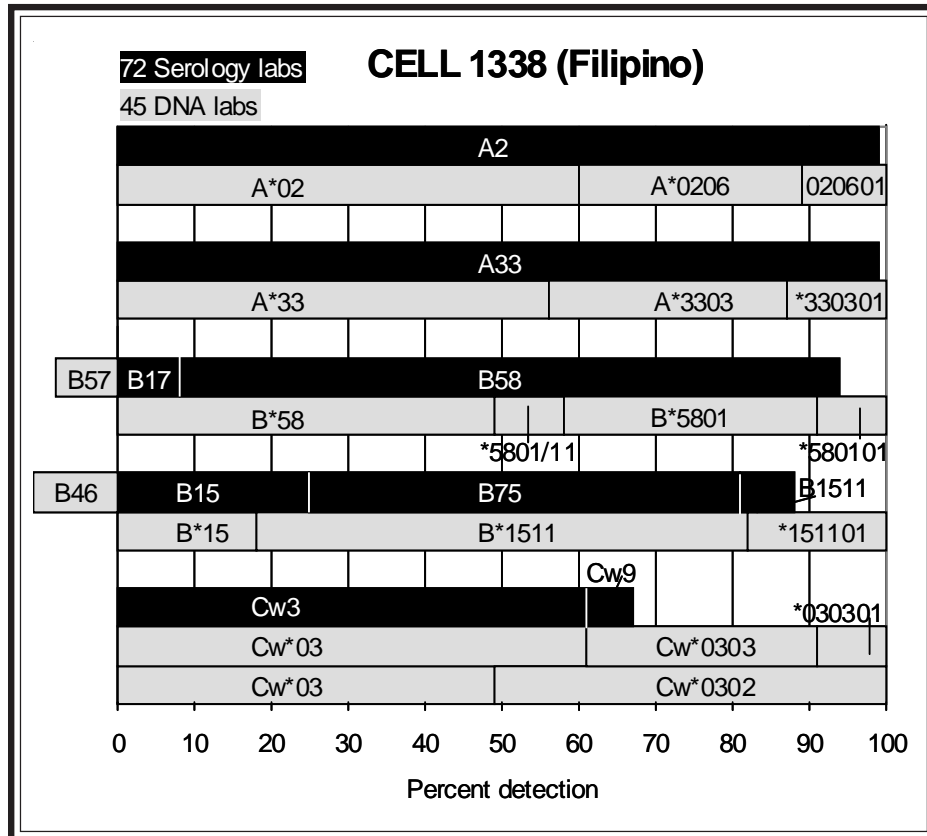
B35 was assigned in complete consensus, corroborated as B\*3543 (44%). Dunk noted a short B35. B\*3543 was also typed in cells 983 (Cauc) and 1294 (also cell 1252, ext 356) (Hisp).

Cw1 (53%) and Cw7 (61%) were confirmed as Cw\*0102 (48%) and Cw\*0717 (52%), respectively. Cw\*0717 differs from Cw\*070201 at codon 147 (TTG->TGG) in exon 3. Cw\*0717 was typed for the first time in the Cell Exchange. Interestingly, according to Chen et al. (9), Cw\*0717 was the second most frequently found C-locus allele, at 14.7%, after Cw\*07020101 (25.8%) in the Meizhou Han population in China.

A2 (100%) and A68 (54%) were verified as A\*0201 and A\*6803 (\*680301), respectively.

B\*3543-Cw\*0102 and B\*3908-Cw\*0717 were the probable associations present in this donor. Dunk noted the odd B35-Cw1 association. B\*3543-Cw\*0102 was present in the two previous exchange B\*3543 donors. B\*3908 was found in association with Cw\*0702 in the previous two B\*3908 exchange donors.





**Cell 1338.** The assignments of B75 (56%), B15 (25%), and B46 (11%) indicated that a B15 variant was present in this cell from a Filipino individual. Carretto and Alvarez, Dunk, Lardy, Lebeck, Lefor, Mah, Rubocki, Sperry, Tiercy, and Wetmore observed unusual anti-B15 reactivity. B1511 was assigned by 7%. B\*1511 (82%) was reported by the majority of labs, with 18% assigning B\*151101. This B15 variant was previously typed in cells 892 (also cell 862) (Japn), 984 (Korean), 1248 (also cell 1185) (Cauc/Asian), and 1327 (Chin), as well as in extracts 63 (Thai), 134, and 382 (Chin).

The other B-locus antigen was B58 (86%), confirmed as B\*5801 (42%).

The A-locus antigens were A2 and A33, typed by 99%. A\*0206 (40%) and A\*3303 (44%) were the A-locus alleles.

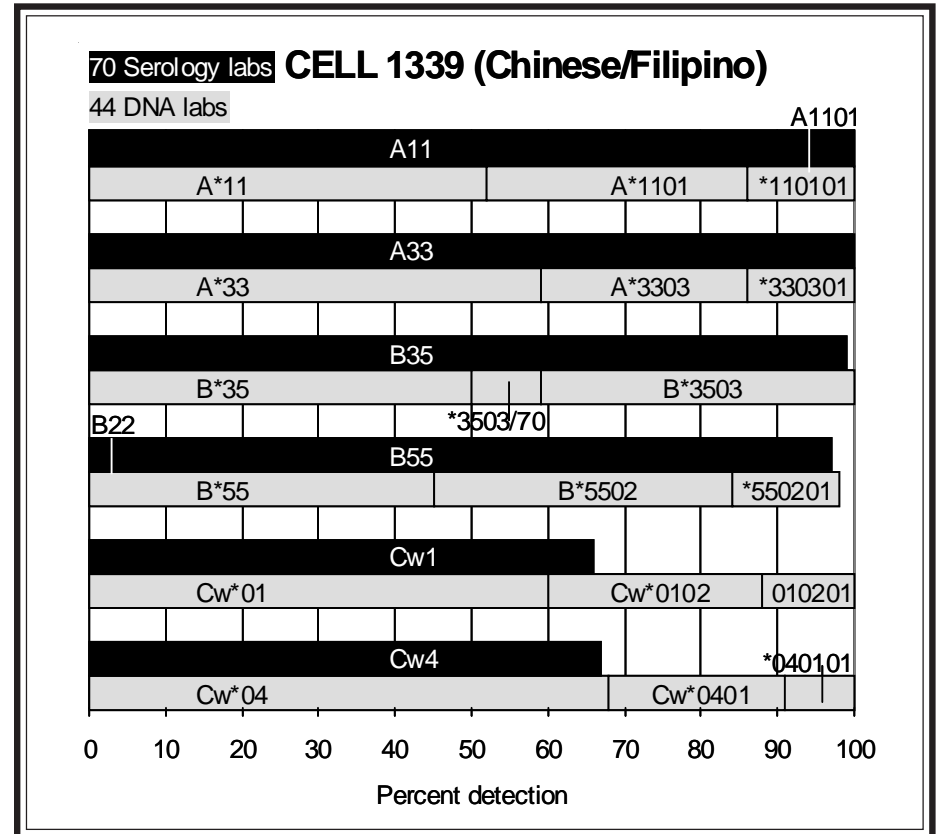
Cw3 was detected by 68%, with 6% assigning Cw9. Two different C-locus alleles, Cw\*0302 (51%) and Cw\*0303 (39%), were reported.

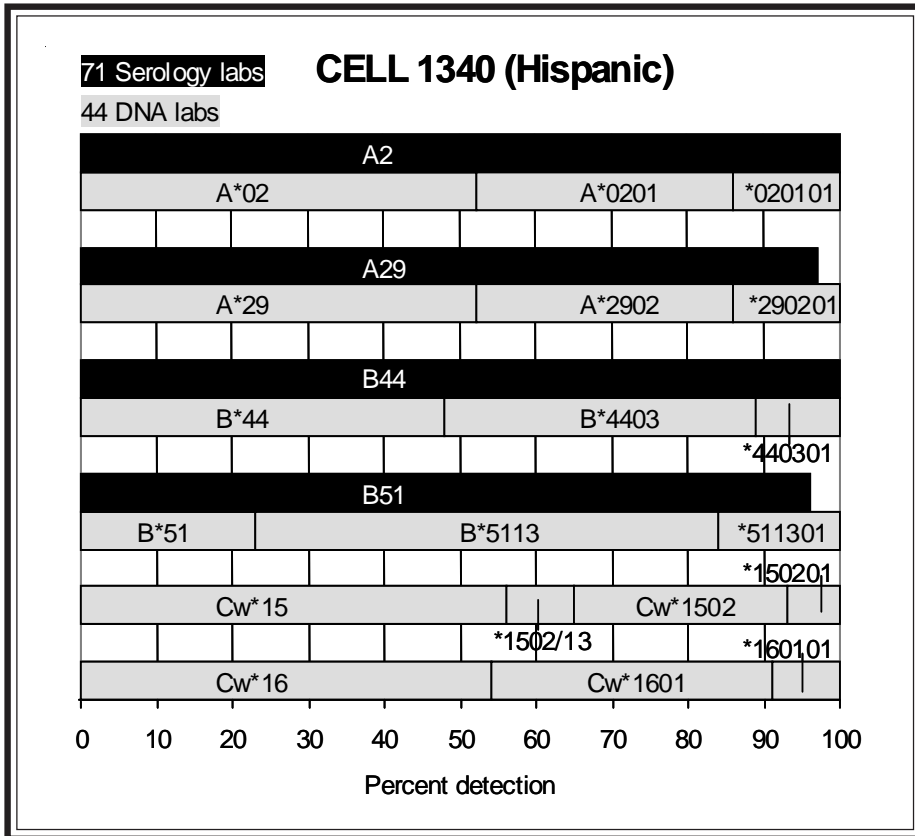
The probable associations in this cell were B\*1511-Cw\*0303, typed in all previous exchange B\*1511 cells, and B\*5801-Cw\*0302, found in strong linkage disequilibria. The likely haplotypes may be A\*3303-B\*5801-Cw\*0302, the most commonly found haplotype in U.S. Asians with HF=0.0585 (10), and A\*0206-B\*1511-Cw\*0303.

**Cell 1339.** This cell from a Chinese and Filipino donor was well typed as A11, A33, B35, B55, Cw1, Cw4, and A\*1101, A\*3303, B\*3503, B\*5502, Cw\*0102, Cw\*0401.

B55 was assigned by 94%. Esteves-Kondo noted that the anti-B55 reactivity with monoclonal antibodies was short. B\*5502 (53%) was previously typed in cells 1264 (Korean), 1289 (also cell 1249) (Chin/Japn), 1291 (also cells 1192, 1233) (Japn), and 1323 (Asian/Cauc/NatAm).

Two strong associations, B35-Cw4 and B55-Cw1, that is, B\*3503-Cw\*0401 and B\*5502-Cw\*0102, were present in this cell.





**Cell 1340.** This Hispanic donor with the rare B\*5113 was previously typed as cell 1271 (2006) and 1302 (2007), as correctly identified by Eckels, Israel, Lefor, Mah, McAlack, and Stamm. An offspring who inherited the B\*5113 was typed as extract 377 (2007).

In this present retyping, B51 was assigned by 96% and B\*5113 by 78%, with B\*511301 assigned by 16%.

This donor was well typed as A2, A29, B44, B51 and A\*0201, A\*2901, B\*4403, B\*5113, Cw\*1502, Cw\*1601.

Family studies indicated the haplotypes in this donor as A\*0201-B\*5113-Cw\*1502 and A\*2902-B\*4403-Cw\*1601. B\*5113 was also on the same haplotype (A\*0201-B\*5113-Cw\*15) in K60, the reference B\*5113 cell (11).

## References

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**NEXT MAILING DATE: October 8, 2008**  
**Important reminder: There will be no sendout in September.**

*Marie Lau, Min S. Park, J. Michael Cecka, and Elaine F. Reed*

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 \* PARTICIPATING CENTERS \*  
 \* \*  
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NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY
(W.H.O. LABS)		Foxcroft, Z.K.	Johannesburg	Nehlsen-Cannare, Dr S	Detroit MI
Fischer & Mayr, Drs	Vienna	Gardiner PhD, Clair M	Dublin	Noreen, Harriet	Minneapolis MN
		Gautreaux, Dr Michael	Winston-Salem NC	Norin, Dr Allen	Brooklyn NY
		Gideoni, Osnat	Haifa	Olerup, Olle	Saltsjobaden
Abbal, Prof M.	Toulouse Cedex	Gillespie, Dr Kathlee	Bristol	Ozawa, Mikki	Los Angeles CA
Adams, Sharon	Bethesda MD	Gladman/Pellett,	Toronto ON	Pahl, Dr Armin	Geesthacht
Ali, Dr M. Ashraf	Riyadh	Goggins, R.	New Haven CT	Paik MD, Young K.	Honolulu HI
Allegheny General Ho	Pittsburgh PA	Graff, Dr Ralph J.	St Louis MO	Pais, Dr Maria Luisa	Coimbra
Alonso, Antonio	Malaga	Grayson, Cathy	Brown Deer WI	Park MD, Myoung Hee	Seoul
Alvarez & Carrett, Dr	Montevideo	Hahn PhD, Amy B.	Albany NY	Pereira, Noemi Farah	Curitiba Paran
Anthony Nolan Trust	London England	Hamdi, Dr Nuha	Riyadh	Permpikul & Vejbaesy	Bangkok
Baker, Judy	Dallas TX	Han, Dr Hoon	Seoul	Phelan, Donna	St Louis MO
Balazs, Ivan	Stamford CT	Harville/ACH,	Little Rock AR	Pidwell PhD, Diane J.	Cleveland OH
Ball, Dr Edward	London ON	Henrico Doctors' Hos	Richmond VA	Pollack PhD, Marilyn	San Antonio TX
Barnardo, Dr Martin	Oxford England	Hidajat, Dr M.	Brugge	Rajczyk, Dr Katalin	Budapest
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Berka PhD, Nouredidine	Washington DC	Hogan, Dr Patrick	Herston QLD	Reed PhD, Elaine F.	Los Angeles CA
Blasczyk, Prof Rainer	Hannover	Holdsworth, Rhonda	South Melbourne	Reed PhD, Elaine F.	Los Angeles CA
Bow PhD, Laurine	Hartford CT	Hsu PhD, Susan H.	Philadelphia PA	Reinke MD, Dennis	Bismarck ND
Brown, Dr Colin	London England	Hubbell, Charlene	Syracuse NY	Reinsmoen PhD, Nancy	Los Angeles CA
Bunce, Dr Mike	Bromboroug, Wir	Hurley & Hartzma, Drs	Rockville MD	Rosen-Bronson PhD, Sa	Washington DC
Burger, Joe	Columbia MO	Ichikawa MD PhD, Yasu	Nishinomiya, Hy	Rosenberg MD, J.C.	Ann Arbor MI
Cantwell, Linda	Parkville	Israel, Dr Shoshana	Jerusalem	Rubocki PhD, Ronald	Scarborough ME
Carrington & Martin,	Frederick MD	Jackson, Dr Annette	Baltimore MD	Sage, Dr Deborah	London England
Cecka PhD, Michael	Los Angeles CA	Jaramillo PhD, Andres	Elmhurst IL	Sauer & Guttwald,	Lich
Chan MD, Prof Soh Ha	Singapore	Kamoun MD, Malek	Philadelphia PA	Schroeder MD, M.L.	Winnipeg MB
Charlton PhD, Ronald	Jacksonville FL	Kashiwase PhD, Koichi	Tokyo	Scornik, Dr Juan C.	Gainesville FL
Charron, Prof D.	Paris Cedex 10	Kato MD, Shunichi	Isehara, Kanaga	Semana MD PhD, Gilber	Rennes
Chen, Dr Dong-Feng	Durham NC	Keown MD, Paul	Vancouver BC	Senitzer PhD, David	Duarte CA
Choo MD, Yoon	Valhalla NY	Kim MD, Kyeong-Hee	Pusan	Seoul Red Cross Hosp	Seoul
Christiansen & Wit,	Perth - West A	Kim, Prof Tai-Gyu	Seoul	Shainberg PhD, Bracha	Rehovot
Ciccia/Williams,	San Diego CA	Klein MD, Jon	Louisville KY	Sheikh PhD, Maqsood	Springfield NJ
Claas, Prof F.H.J.	Leiden	Klein, Dr Tirza	Petach Tikva	Sinnott & Gupta,	London
Cohen, Prof Jacques	Reims	Kotsch PhD, Katja	Berlin	Smith/MI,	Ann Arbor MI
Colombe PhD, Beth W.	Philadelphia PA	KuKuruga PhD, Debra	Baltimore MD	Snider PhD, Denis	Buffalo NY
Cooper MD, E. Shannon	Jefferson LA	Kusnierczyk PhD, Piot	Wroclaw	Spannagl, Dr Michael	Munich
Costeas, Dr Paul A.	Nicosia	Kvam, Vonnett	Waukesha WI	Sperry PhD, Roxanne	Phoenix AZ
Crowe PhD, Deborah	Nashville TN	Land, Dr Geoffrey A.	Houston TX	Spyropoulou-Vla, Dr M	Athens
Daniel PhD, Claude	Laval PQ	Lardy, Dr N.M.	Amsterdam	Stamm, Luz	Calgary AB
Daniel, Dr Dolly	Tamil Nadu	Lebeck PhD, Lauralynn	San Diego CA	Stastny MD, Peter	Dallas TX
Darke, Dr Christopher	Pontyclun Wale	Lee PhD, Kyung Wha	Anyang, Kyungki	Suciu-Foca PhD, Nicol	New York NY
Davidson & Poulton, D	Manchester, En	Lee, Dr Jar-How	Canoga Park CA	Sullivan PhD, Karen	New Orleans LA
Davis PhD, Mary	Stamford CT	Leech MD PhD, Stephen	Philadelphia PA	Tagliere, Jacques	Los Angeles CA
del Pozo, Dr Ana	Buenos Aires	Lefor PhD, W.M.	Tampa FL	Tavoularis, Dr Sofia	Ottawa ON
Dinauer, David	Brown Deer WI	Lim MD, Young Ae	Suwon	Thoni MD, Deborah	Orlando FL
Dormoy, Dr Anne	Strasbourg	Little, Dr Ann-Margar	London England	Tiercy, Dr Jean-Marie	Geneva 14
Du PhD, Keming	Shanghai	Lo MD, Raymundo W.	Quezon City	Tilanus, Dr Marcel	Maastricht
Du Toit MD, Ernette	Observatory	Loewenthal MD PhD, Ro	Tel-Hashomer	Trachtenberg PhD, Eli	Oakland CA
Dunckley PhD, Heather	Sydney NSW	MacCann, Eileen	Providence RI	Trowsdale, Prof John	Cambridge
Dunk, Arthur	Lauderhill FL	Mah, Helen	Boston MA	Turner PhD, E.V.	Memphis TN
Dunn PhD, Paul	Auckland	Mani, Dr Rama	Chennai, Tamil	Tyan, Dr Dolly	Palo Alto CA
Dunn, Dr Dale	Lubbock TX	Marsh, Dr Steven	London England	Uhrberg, Dr Markus	Dusseldorf
Dupont MD, Bo	New York NY	Masuo, Kiyoe	Tokyo	Varnavidou-Nico, Dr A	Nicosia



Duquesnoy PhD,Rene	Pittsburgh	PA	McAlack PhD,Robert	Philadelphia	PA	Vidan-Jeras,Blanka	Ljubljana	
Eckels/CPMC,	San Francisco	CA	McAlack-Balasub,	Philadelphia	PA	Vilches,Dr Carlos	Madrid	
Eckels/Utah,	Salt Lake City	UT	McCluskey,Prof James	Adelaide		Walter Reed Army Med	Washington	DC
Elkhalifa MD PhD,Moh	Riyadh		McIntyre PhD,John A.	Beech Grove	IN	Ward & Osowski,	Hyattsville	MD
Ellis PhD,Thomas	Milwaukee	WI	Merenmies MD PhD,Jus	Helsinki		Wassmuth,Prof Ralf	Dresden	
Endres & Wiltbank,Dr	Tempe	AZ	Meyer,Pieter Wa	Pretoria, Gaut		Watkins PhD,David I.	Madison	WI
Esquenazi PhD,Violet	Miami	FL	Middleton,Prof Derek	Belfast		Wetmore,Marilyn	Allentown	PA
Esteves Kondo,Debra	Canoga Park	CA	Miller,Dr Joshua	Miami	FL	Wisecarver PhD,James	Omaha	NE
Esteves-Kondo,Debra	Canoga Park	CA	Montague,Bridget	Leeds England		Yamamori PhD,Shunji	Tokyo	
Fernandez-Vina PhD,M	Houston	TX	Moore MD,S.Breannndan	Rochester	MN	Yu_Neng/ARC,	Dedham	MA
Fischer,Dr Johannes	Dusseldorf		Murad,Dr Shahnaz	Kuala Lumpur		Zachary PhD,Andrea	Baltimore	MD
Fotino MD,Marilena	New York	NY	Mytilineos MD,Joanni	Ulm				

## B-CELL LINE TER-409

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
4079 Abbal,M.	*0301/34/36	*0806	*0101	*0201	*0602/33					P-SSP
5488 Adams, Sharon	*030101	*0806	*0101	*020101	*0602	*0102	*0501	*040101	*110101	SSP, RSSO, SBT
4691 Ali, M. Ashraf	*03	*08	++	*02	*06					SSO
2300 Allegheny Ge	*03	*08	++	*02	*06					SSP
5133 Baker, Judy	*03(DR17)	*08	*01	*02	*06					PCR-SSO
105 Ball, Edward	*0301	*0806	*0101	*0201	*0602	*0102	*0501	*0401	*1101	P-SSP
785 Chan, Soh Ha	*0301/12	*0804/06	++	*0201	*0602	*0102	*0501/03/05+			SBT
5232 Charlton, Ron	*0301	*0806	*01	*0201	*0602					SSP, RVSSO
4492 Charron, D.	*0301/32	*0806	*0101	*0201	*0602	*0102	*0501	*0401	*1101	P-SSO, SSP
3224 Chen, Dongfen	*0301	*0806	*0101	*0201	*0602/33					SBT, SSP, RSSO
3632 Colombe, Beth	*0301	*0806	*0101	*0201	*0602					SSP
3904 Cooper, Shann	*030101-0105+	*0806	*0101	*0201	*0602					P-SSP
5130 Costeas, Paul	*0301/32	*0806	*0101	*0201	*0602	*0102	*0501			SSP
779 Daniel, Claud	*03(DR17)	*08	*01-*03	*06	*06					P-SSP
5219 Daniel, Dolly	*03	*08	++	*02	*06					P-SSP
3625 Darke, Chris	*0301	*0806	*01	*0201	*0602	*0102	*05	*0401	*1101+	P-SSP
8052 Del Pozo, Ana	*03(DR17)	*08/*1415								P-SSOP
4269 Dormoy, Anne	*030101	*0806	*010102	*0201	*0602			*0401	*1101	P-SSP, SBT
5891 Du, Keming	*0301/12	*0804/06								P-SBT
856 Dupont, Bo	*0301/06/16+	*0806		*0201	*0602/11/23+					SSO
3511 Duquesnoy, Re	*0301	*0806	*0101	*0201	*0602					RVSSOP, SSP
5214 Eckels/CPMC	*03	*08	*01	*02	*06					SSOP
3428 Eckels/Utah	*0301/12/18+	*0804/06								SSOP
2332 Elkhalfifa, Mo	*03	*0806		*0201	*0602					SSP
4251 Ellis, Thomas	*0301	*0806	*01	*0201	*0602			*0401	*1101	P-SSO, SEQ
3135 Fischer, John	*0301	*0806	*0101	*0201/04	*0602			*0401	*1101	SBT, P-SSP
762 Fischer/Mayr	*0301	*0806	*0101	*0201	*0602					RSSO, SSP, SBT
8043 Gideoni, Osna	*0301	*0806		*0201	*0602					
910 Hahn, Amy B.	*0301/32	*0806	*0101	*0201	*0602/33					SSP
2344 Hurley/Hartz	*030101	*0806		*020101	*0602					SBT, SSOP
771 Israel, Shosh	*0301	*0806		*0201	*0602					RVSSO, SSP
748 Jaramillo, An	*03(DR17)	*08	++	*02	*06					P-SSP
859 Kamoun, Malek	*0301	*0806	*0101	*0201	*0602					P-SSO, SSP
797 Kato, Shunich	*0301/12	*0804/06		*0201/02/04	*0602/33					SSO, +SBT-DR
4864 Kim, Kyeong-H	*03	*08								P-SSOP
4337 Kim, Tai-Gyu	*0301	*0806		*0201	*0602			*0401	*1101	SBT
168 Klein, Tirza	*0301	*0806		*0201	*0602					P-SSOP, SSP
87 Land, Geoffre	*0301	*0806	*0101	*0201	*0602	*0102	*0501	*0401	*1101	SBT, SSP
278 Lee, Jar-How	*0301	*0806	*0101	*0201	*0602	*0102	*0501	*0401	*1101	SSP, RVSSOP
640 Lee, Kyung Wh	*0301	*0806		*0201	*0602	*010201	*050101			P-SBT
759 Lefor, W.M.	*0301/12/18+	*0804/06	*01	*0201	*0602	*0102	*0501	*0401	*1101	RVSSO
6649 Lim, Young Ae	*03	*08	++							P-SSP
274 Lo, Raymundo	*0301	*08	++	*02	*06					SSP
731 Loewenthal, R	*030101	*0806		*0201	*0602/1101					SBT, SSO
23 Mah, Helen	*0301	*0806	*0101	*0201	*0602					P-RFLP, SSP
8029 Mani, Rama	*0301	*0801	++	*0201	*0601					P-SSP
9916 McIntyre, Joh	*030101	*0806	*0101	*0201	*0602/33					SBT, SSP
794 Merenmies, Ju	*0301	*0806	*0101	*0201	*0602	*0102	*0501	*0401	*1101	SBT, SSP, SSO
8021 Montague, Bri	*0301	*0806	*01	*0201	*0602			*0401	*1101	P-SSP, SSO
792 Moore, S. Brea	*0301	*0806	*0101	*0201	*0602	*0102	*0501			P-SSO, SSP
5323 Murad, Shahna	*0301	*0806	*0101	*02	*06					P-SSP
774 Paik, Young K	*0301/32/34+	*0806	*0101	*0201	*0602/33					SSP
3648 Pereira, Noem	*030101	*0806		*02	*06					RSSO, SSP, SBT
3966 Permpikul&Ve	*0301	*0806	*0101	*0201	*0602					P-SSP
2400 Phelan, Donna	*0301	*0806	*01	*0201	*0602					RVSSO, SSP
16 Pidwell, Dian	*030101	*0806	*0101	*0201	*0602	*0102	*0501	*040101	*110101	P-RVSSOP, SBT
4689 Rajczyk, Katal	*0301/34/36	*0806	*0101	*0201	*0602/33					P-SSP

B-CELL LINE TER-409

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3753 Reed, Elaine	*0301/12	*0804/06	*0101	*0201	*0602	*0102	*0501			SBT, SSP, SSO
1160 Rosen-Bronso	*03	*0804/06	*01	*02	*06					SSO
793 Rubocki, Rona	*03 (DR17)	*08	*+	*02	*06					SSP
5096 Seoul Red Cr	*03	*08								P-SSO
8042 Shainberg, Br	*0301	*0806		*0201	*0602/33					SSOP, SSP
8001 Sheikh, Maqso	*0301	*0806	*0101	*0201	*0602					RVSSOP, SSP
735 Smith/MI	*0301	*0806	*+	*0201	*0602/33	*0102	*0501	*0401	*1101	SSP, RVSSOP
746 Stamm, Luz	*0301/32	*0806	*01	*0201	*0602					RVSSO, SSP
13 Tagliere, Jac	*0301	*0806	*0101	*0201/05	*0602/33					SSP
5451 Tilanus, Marc	*030101	*0806	*010102	*020101	*060201	*010201	*050101	*040101	*110101	SBT
4021 Trachtenberg	*03	*08	*01	*0201	*06					RVSSO
5462 Turner, E.V.	*0301	*0806	*0101	*0201	*0602			*0401	*1101	SSP
5642 Varnavidou-N	*0301	*0806	*+	*0201	*0602					P-SSP
705 Watkins, Dav	*0301	*0806	*+	*02	*0602/06/10+					P-SSP, SEQ
5670 Wetmore, Mari	*03	*08	*+	*02	*0602					SSP
2847 Yamamori, Shun	*03	*08		*02	*06					SSO, SSP

CTR DIRNAME	DR17	DR8	DR52	DQ2	DQ6	OTH1	OTH2
3904 Cooper, Shann	+	+	+	+	DQ1		
910 Hahn, Amy B.	DR3	+	+	+	DQ1		
4908 Kvam, Vonnet	+	+	+	+	+		
725 Lardy, N.M.	DR3	+	+	+	DQ1		
54 McAlack, Robe	+	+	+	+	+		
8004 Pais, Maria L			+		+	DR18	DR13
2400 Phelan, Donna	+	+	+	+	DQ1		
16 Pidwell, Dian	DR3	+	+	+	+		
793 Rubocki, Rona	+	+	+	+	+		

B-CELL LINE TER-409 (Caucasian)

73 DNA LABS

73 LABS REPORTING DRB1

DRB1*03	44%
DRB1*0301	45%
DRB1*030101	11%
DRB1*03	100% TOTAL

DRB1*08	21%
DRB1*0804/06	10%
DRB1*0801	1%
DRB1*0806	67%
DRB1*08	99% TOTAL

55 LABS REPORTING DRB3

DRB3*+	25%
DRB3*0101	51%
DRB3*010102	4%
DRB3*01	20%

9 SEROLOGY LABS

DR3	33%
DR17	56%
DR3	89% TOTAL

DR8	89%
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DR52	100%
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67 LABS REPORTING DQB1

DQB1*02	25%
DQB1*0201	69%
DQB1*020101	5%
DQB1*02	99% TOTAL

DQB1*06	25%
DQB1*0602/33	15%
DQB1*0601	1%
DQB1*0602	57%
DQB1*060201	2%
DQB1*06	100% TOTAL

16 LABS REPORTING DQA1

DQA1*0102	88%
DQA1*010201	12%
DQA1*0102	100% TOTAL

DQA1*05	13%
DQA1*0501	75%
DQA1*050101	12%
DQA1*05	100% TOTAL

17 LABS REPORTING DPB1

DPB1*0401	82%
DPB1*040101	18%
DPB1*0401	100% TOTAL

DPB1*1101	82%
DPB1*110101	18%
DPB1*1101	100% TOTAL

DQ2	89%
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DQ1	44%
DQ6	56%
DQ1	100% TOTAL

B-CELL LINE TER-410

CTR DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal,M.	*0407	*0806	*0103	*0301/21	*0602/33					P-SSP
5488 Adams, Sharon	*040701	*0806	*0103	*030101	*0602	*0102	*0303	*1101	*1701	SSP,RSSO,SBT
4691 Ali,M.Ashraf	*04	*08	*+	*03	*06					SSO
2300 Allegheny Ge	NT									
5133 Baker, Judy	*04	*08	*01	*03(DQ7)	*06					PCR-SSO
105 Ball, Edward	*0407	*0806	*0103	*0301/21	*0602/24/23	*0102	*0303	*1101	*1701	P-SSP
785 Chan, Soh Ha	*0407/11	*0802/06	*01	*0301/13	*0602	*0102	*0301-03			SBT
5232 Charlton, Ron	*0407	*0806	*01	*0301	*0602					SSP, RVSSO
4492 Charron, D.	*0407	*0806	*0103	*0301	*0602	*0102	*0303	*1101	*1701	P-SSO, SSP
3224 Chen, Dongfen	*0407	*0806	*0103	*0301/19/21	*0602/33					SBT, SSP, RSSO
3632 Colombe, Beth	*0407	*0806	*0103	*0301	*0602					SSP
3904 Cooper, Shann	*0407	*0806	*01030101/02	*030101/0102	*0602					P-SSP
5130 Costeas, Paul	*0407	*0806	*0103	*0301	*0602	*0102	*0303			SSP
779 Daniel, Claud	*04	*08	*01010101+	*03(DQ7)	*06					P-SSP
5219 Daniel, Dolly	*04	*08	*+	*03	*06					P-SSP
3625 Darke, Chris	*0407	*0806/22	*01	*0301	*0602	*0102	*03	*1101/*7401	*1701	P-SSP
8052 Del Pozo, Ana	*04	*08/*1415								P-SSOP
4269 Dormoy, Anne	NT									
5891 Du, Keming	*0407	*0806								P-SBT
856 Dupont, Bo	*0403/39/51+	*0801/17+		*0301	*0602/11/26N					SSO
3511 Duquesnoy, Re	*0407	*0806	*0103	*0301	*0602					RVSSOP, SSP
5214 Eckels/CPMC	*0407	*0806	*01	*03	*06					SSOP
3428 Eckels/Utah	*0407	*0806								SSOP
2332 Elkhalfifa, Mo	*04	*0806		*0301	*0602					SSP
4251 Ellis, Thomas	*0407	*0806	*0101/03/06	*0301	*0602			*1101	*1701	P-SSO, SEQ
3135 Fischer, John	*0407	*0806	*0103	*0301/19	*0602			*1101	*1701	SBT, P-SSP
762 Fischer/Mayr	*0407	*0806	*0103	*0301/09	*0602					RSSO, SSP, SBT
8043 Gideoni, Osna	*0407	*0806		*0301	*0602					
910 Hahn, Amy B.	*0407	*0806	*0103	*0301/19	*0602/33					SSP
2344 Hurley/Hartz	*040701	*0806		*030101	*0602					SBT, SSOP
771 Israel, Shosh	*0407	*0806		*0301/19	*0602					RVSSO, SSP
748 Jaramillo, An	*04	*08	*+	*03(DQ7)	*06					P-SSP
859 Kamoun, Malek	*0407	*0806	*0103	*0301	*0602					P-SSO, SSP
797 Kato, Shunich	*0407	*0806		*0301/09/19	*0602/33					SSO, +SBT-DR
4864 Kim, Kyeong-H	*04	*08								P-SSOP
4337 Kim, Tai-Gyu	*0407	*0806		*0301	*0602			*1101	*1701	SBT
168 Klein, Tirza	*0407	*0806		*0301	*0602					P-SSOP, SSP
87 Land, Geoffre	*0407	*0806	*0103	*0301	*0602	*0102	*0303	*1101	*1701	SBT, SSP
278 Lee, Jar-How	*0407	*0806	*0103	*0301	*0602	*0102	*0301-03	*1101	*1701	SSP, RVSSOP
640 Lee, Kyung Wh	*0407	*0806		*0301/09/19	*0602	*010201	*0303			P-SBT
759 Lefor, W.M.	*0407	*0806	*01	*0301/19	*0602	*0102	*0301-03	*1101	*1701	RVSSO
6649 Lim, Young Ae	*04	*08	*+							P-SSP
274 Lo, Raymundo	*04	*08	*+	*0301	*06					SSP
731 Loewenthal, R	*040701	*0806		*030101/19	*0602/1101/15					SBT, SSO
23 Mah, Helen	*0407	*0806	*01	*0301	*0602					P-RFLP, SSP
8029 Mani, Rama	*0401	*0801	*+	*0301	*0601					P-SSP
9916 McIntyre, Joh	*040701	*0806	*0103	*0301/21	*0602/33					SBT, SSP
794 Merenmies, Ju	*0407	*0806	*0103	*0301	*0602	*0102	*0303	*1101	*1701	SBT, SSP, SSO
8021 Montague, Bri	*0407	*0806	*01	*0301	*0602			*1101	*1701	P-SSP, SSO
792 Moore, S. Brea	*0407	*0806	*0103	*0301	*0602	*0102	*0303			P-SSO, SSP
5323 Murad, Shahna	*0407	*0806	*01	*(DQ7)	*06					P-SSP
774 Paik, Young K	*0407	*0806	*0103	*0301/19	*0602/33					SSP
3648 Pereira, Noem	*040701	*0806		*03	*06					RSSO, SSP, SBT
3966 Permpikul&Ve	*0407	*0806	*0103	*0301	*0602					P-SSP
2400 Phelan, Donna	*0407	*0806	*01	*0301	*0602					RVSSO, SSP
16 Pidwell, Dian	*040701	*0806	*0103	*0301/19	*0602	*0102	*0301-03	*110101	*1701	P-RVSSOP, SBT
4689 Rajczyk, Katal	*0407	*0806	*0103	*0301/21	*0602/33					P-SSP

B-CELL LINE TER-410

CTR DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3753 Reed, Elaine	*0407	*0806	*0103	*0301	*0602	*0102	*0301-03			SBT, SSP, SSO
1160 Rosen-Bronso	*0407	*0806	*01	*0301/09	*0602					SSO
793 Rubocki, Rona	*04	*08	++	*03(DQ7)	*06					SSP
5096 Seoul Red Cr	*04	*08								P-SSO
8042 Shainberg, Br	*0407	*0806		*0301	*0602/33					SSOP, SSP
8001 Sheikh, Maqso	*0407	*0806	*0103/07	*0301/19	*0602					RVSSOP, SSP
735 Smith/MI	*0407	*0806	++	*0301/19	*0602/33	*0102	*0303	*1101	*1701	SSP, RVSSOP
746 Stamm, Luz	*0407	*0806	*01	*0301	*0602					RVSSO, SSP
13 Tagliere, Jac	*0407	*0806	*0103	*0301/19	*0602/33					SSP
5451 Tilanus, Marc	*040701	*0806	*01030101	*030101	*060201	*010201	*0303	*110101	*1701	SBT
4021 Trachtenberg	*04	*08	*01	*0301/19	*0602/11/26N					RVSSO
5462 Turner, E.V.	*0407	*0806	*0103	*0301	*0602			*1101	*1701	SSP
5642 Varnavidou-N	*0407	*0806	++	*0301	*0602					P-SSP
705 Watkins, Dav	*0407	*0806	++	*0301/04/09+	*0602/06/10+					P-SSP, SEQ
5670 Wetmore, Mari	*04	*08	++	*03	*0602					SSP
2847 Yamamori, Shun	*04	*08		*03	*06					SSO, SSP

CTR DIRNAME	DR4	DR8	DR53	DQ7	DQ1	OTH1	OTH2
3904 Cooper, Shann	+	+	+	+	+		
910 Hahn, Amy B.	+	+	+	+	+	DR14	
4908 Kvam, Vonnet	+	+	+	+	DQ6		
725 Lardy, N.M.	+	+	+	DQ3	+		
54 McAlack, Robe	+	+	+	DQ3	+		
8004 Pais, Maria L	+	+	+	+	+		DQ4
2400 Phelan, Donna	+	+	+	+	+		
16 Pidwell, Dian	+	+	+	+	DQ6		
793 Rubocki, Rona	+	+	+	+	DQ6		

B-CELL LINE TER-410

71 DNA LABS

71 LABS REPORTING DRB1

DRB1*04	24%
DRB1*0401	1%
DRB1*0407	65%
DRB1*040701	10%
DRB1*04	100% TOTAL
DRB1*08	23%
DRB1*0801	1%
DRB1*0806	75%
DRB1*08	99% TOTAL

53 LABS REPORTING DRB4

DRB4*+	21%
DRB4*0103	47%
DRB4*01030101	2%
DRB4*01	30%

9 SEROLOGY LABS

DR4	100%
DR8	100%
DR53	100%

65 LABS REPORTING DQB1

DQB1*03	34%
DQB1*0301/19	15%
DQB1*030101/19	1%
DQB1*0301	45%
DQB1*030101	5%
DQB1*03	100% TOTAL
DQB1*06	25%
DQB1*0602/33	15%
DQB1*0601	1%
DQB1*0602	57%
DQB1*060201	2%
DQB1*06	100% TOTAL

16 LABS REPORTING DQA1

DQA1*0102	88%
DQA1*010201	12%
DQA1*0102	100% TOTAL
DQA1*03	38%
DQA1*0303	62%
DQA1*03	100% TOTAL

16 LABS REPORTING DPB1

DPB1*1101	88%
DPB1*110101	12%
DPB1*1101	100% TOTAL
DPB1*1701	100%

DQ3	22%
DQ7	78%
DQ3	100% TOTAL
DQ1	56%
DQ6	33%
DQ1	89% TOTAL

B-CELL LINE TER-411

CTR	DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
4079	Abbal,M.	*1406	*1424	*0101	*0301/21						P-SSP
5488	Adams, Sharon	*1406	*1424	*0101	*030101		*05		*0402		SSP,RSSO,SBT
4691	Ali,M.Ashraf	*14	*14	*+	*03	*03					SSOP
2300	Allegheny Ge	*14		*+	*03						SSP
5133	Baker, Judy	*1406	*1424	*0101	*030101						SSP, SBT
105	Ball, Edward	*1406	*1424	*0101	*0301/21		*0503		*0402		P-SSP
2020	Barnardo, Mar	*1406	*1424	*0101/03+	*030101/19		*0503/06+	*0501/03+	*0402/*0602		P-SSP, SBT
785	Chan, Soh Ha	*1406	*1424		*0301/13		*0501/03/05-09				SBT
4492	Charron, D.	*1406	*1424	*0101	*0301/21		*0503		*0402		P-SSO, SSP
3224	Chen, Dongfen	*1406	*1424	*0101	*0301/19/21		*0503/07				SBT, SSO, SSP
3632	Colombe, Beth	*1406	*1424	*0101	*0301						SSP
3904	Cooper, Shann	*1406	*1424	*0101	*0301						P-SSP
5130	Costeas, Paul	*1406	*1402/24	*0101	*0301		*0503	*0501/03			SSP
779	Daniel, Claud	*1406	*1424	*01-*03	*03(DQ7)						P-SSP
3625	Darke, Chris	NT									
4269	Dormoy, Anne	*1406	*14new	*010102	*0301/19				*0402		P-SSP, SBT
5891	Du, Keming	*1309/*1406+	*1402/41/46/47/24+								P-SSO, SBT
856	Dupont, Bo	*1406	*1424	*01	*0301	*0301					RVSSO, SSP
3511	Duquesnoy, Re	*1309	*1406/24	*0101	*0301						RVSSOP, SSP
5214	Eckels/CPMC	*1406	*1424	*01	*03(DQ7)						SSOP
3428	Eckels/Utah	*1406	*1424								SSOP
2332	Elkhalifa, Mo	*1406	*1402	*01-*03	*0301						SSP
4251	Ellis, Thomas	*1406	*1424	*01	*0301	*0301			*0402/*0602		P-SSO, SEQ
3135	Fischer, John	*1406	*1424	*0101	*0301/09/19				*0402/*0602		SBT, P-SSP
762	Fischer/Mayr	*1406	*1424	*0101	*0301/09						RSSO, SSP, SBT
8043	Gideon, Osna	*1406	*1424		*0301						SSP
910	Hahn, Amy B.	*1406	*1402/51	*0101	*0301/19/21						SSP
2344	Hurley/Hartz	*1406	*1424		*030101/0104/09/21						SBT
771	Israel, Shosh	*1406	*1424		*0301						RVSSO, SSP
748	Jaramillo, An	*14		*+		*03(DQ7)					P-SSP
859	Kamoun, Malek	*1406	*1424	*0101	*0301						P-SSO, SSP
797	Kato, Shunich	*1406	*1424		*0301/09/13+						SSO, +SBT-DR
4864	Kim, Kyeong-H	*14									P-SSOP
4337	Kim, Tai-Gyu	*1406	*1424		*0301				*0402		SBT
168	Klein, Tirza	*1406	*1424		*0301	*0301					P-SSP, SSO
87	Land, Geoffrey	*1406	*1424	*0101	*0301	*0301	*0503	*0501	*0402	*0402	SBT, SSP
278	Lee, Jar-How	*1406	*1424	*0101	*0301/19		*0503		*0402		SSP, RVSSOP
640	Lee, Kyung Wh	*1406	*1424		*0301/09/19/21		*0503				P-SBT
759	Lefor, W.M.	*1406	*1424		*0301/13/16/19		*0503/07		*0402/*0602+		RVSSO
6649	Lim, Young Ae	*14		*+							P-SSP
274	Lo, Raymundo	*13	*14	*+	*0301						SSP
731	Loewenthal, R	*1406	*1424		*0301/10/16/19						SBT, SSO
23	Mah, Helen	*1406	*1424	*0101	*0301						P-RFLP, SSP
8029	Mani, Rama	*1406	*1402	*+	*03	*03					P-SSP
9916	McIntyre, Joh	*1406	*1424	*0101	*0301/21	*0301/21					SSP, SBT
8021	Montague, Bri	*1406	*1424	*01	*0301				*0402		P-SSP, SSO
792	Moore, S.Brea	*1406	*1424	*0101	*0301		*0503/07				P-SSO, SSP
5323	Murad, Shahna	*1433	*1424	*0101/11	*03						P-SSP
774	Paik, Young K	*1406	*1424	*0101	*0301/19						SSP
3648	Pereira, Noem	*1406	*14		*03						RVSSO, SSP
3966	Permpikul&Ve	*1406	*1424	*0101	*0301						P-SSP
2400	Phelan, Donna	*1406	*1424	*01	*0301						RVSSO, SSP
16	Pidwell, Dian	*1406	*1424	*0101	*0301/13/16/19/21		*0503/07		*0402/*0602		RSSO, SBT, SSP
4689	Rajczyk, Katal	*1406	*1424	*0101	*0301/21	*0304					P-SSP
3753	Reed, Elaine	*1406	*1424	*0101	*0301		*0503				SBT, SSP, SSO
1160	Rosen-Bronso	*1406	*1424	*01	*03						RVSSO
793	Rubocki, Rona	*13/*14	*14	*+	*03(DQ7)						P-SSP



B-CELL LINE TER-411

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5096 Seoul Red Cr	*14	*14								P-SSO
8042 Shainberg,Br	*1406	*1424		*0301						SSP,SSOP
8001 Sheikh,Maqso	*1406	*1424	*0101	*0301/19						RVSSOP,SSP
735 Smith/MI	*14	*14	*+	*03(DQ7)		*05		*04		SSP, RVSSOP
746 Stamm,Luz	*1406	*1424	*01	*0301						RVSSOP,SSP
13 Tagliere,Jac	*1406	*1424	*0101	*0301						SSP
747 Tiercy,Jean-	*1406	*1424	*0101	*0301				*0402		SBT,SSO,SSP
5451 Tilanus,Marc	*1406	*1424	*010102	*030101		*0503		*0402		SSO,SBT
4021 Trachtenberg	*1406	*1424	*01	*03						RVSSOP,SSP
5462 Turner,E.V.	*1406	*1424	*0101	*0301				*0402		SSO,SSP
5642 Varnavidou-N	*1406	*1424	*+	*0301						P-SSP
705 Watkins,Dav	*1406	*1424	*+	*0301/04/09/13/14/16/19						P-SSP,SEQ
5670 Wetmore,Mari	*14		*+	*03						SSP
2847 Yamamori,Shun	*14	*14		*03						SSO,SSP

CTR DIRNAME	DR14	DR14X	DR52	DQ7	OTH1	OTH2
3904 Cooper,Shann	+		+	+		
910 Hahn,Amy B.	+		+	+	DR18,DR54	DR53
725 Lardy,N.M.	+		+	DQ3		
54 McAlack,Robe	+		+	DQ3	DR17	
8004 Pais,Maria L	+		+		DR53	DQ1
2400 Phelan,Donna	+		+	+		
16 Pidwell,Dian	+		+	+		
793 Rubocki,Rona	+		+	+	DR13	

B-CELL LINE TER-411 (Hispanic)

70 DNA LABS

70 LABS REPORTING DRB1

DRB1*14	14%
DRB1*1406	80%
DRB1*1433	2%
DRB1*14	96% TOTAL
DRB1*14	23%
DRB1*1402	3%
DRB1*1424	73%
DRB1*14	99% TOTAL

63 LABS REPORTING DQB1

DQB1*03	33%
DQB1*0301/19/21	5%
DQB1*0301/19	6%
DQB1*030101/19	2%
DQB1*0301/21	8%
DQB1*0301	41%
DQB1*030101	5%
DQB1*03	100% TOTAL

53 LABS REPORTING DRB3

DRB3*+	24%
DRB3*0101	53%
DRB3*010102	4%
DRB3*01	19%

16 LABS REPORTING DQA1

DQA1*05	25%
DQA1*0503/07	25%
DQA1*0503	50%
DQA1*05	100% TOTAL

17 LABS REPORTING DPB1

DPB1*04	12%
DPB1*0402	88%
DPB1*04	100% TOTAL

8 SEROLOGY LABS

DR14	100%
DR52	100%

DQ3	25%
DQ7	63%
DQ3	88% TOTAL

B-CELL LINE TER-412

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079 Abbal,M.	*0803/33	*1408	*0202/23	*0503						P-SSP
5488 Adams, Sharon	*080302	*1408	*0202	*050301		*0103	*0104	*020102	*0501	SSP, RSSO, SBT
4691 Ali, M. Ashraf	*08	*14	*+	*05	*05					SSOP
2300 Allegheny Ge	NT									
5133 Baker, Judy	*080302	*1408	*0202/23	*050301						SSP, SBT
105 Ball, Edward	*0803/33	*1408	*0202/23	*0503		*0103	*0104	*0201	*0501	P-SSP
2020 Barnardo, Mar	NT									
785 Chan, Soh Ha	*080302	*1408		*050301		*0103	*0101/04/05			SBT
4492 Charron, D.	*0803	*1408	*0202/23	*0503		*0103	*0104	*0201/*1802	*0501	P-SSO, SSP
3224 Chen, Dongfen	*0803	*1408	*0202/23	*0503		*0103	*01			SBT, SSO, SSP
3632 Colombe, Beth	*0803	*1408	*0202	*0503						SSP
3904 Cooper, Shann	*080302	*1408	*020201/03/05	*050301						P-SSP
5130 Costeas, Paul	*0803/32	*1408/23	*0202	*0503		*0103	*0104			SSP
779 Daniel, Claud	*08	*14	*01-*03	*05						P-SSP
3625 Darke, Chris	NT									
4269 Dormoy, Anne	NT									
5891 Du, Keming	*0803	*1408								P-SSO, SBT
856 Dupont, Bo	*0803	*1426	*+	*0503						RVSSO, SSP
3511 Duquesnoy, Re	*0803	*1408	*0202	*0503						RVSSOP, SSP
5214 Eckels/CPMC	*08	*1408	*02	*0503						SSOP
3428 Eckels/Utah	*0803	*1408								SSOP
2332 Elkhalfifa, Mo	*0803			*0503						SSP
4251 Ellis, Thomas	*0803	*1408	*0202/12	*0503	*0503			*0201	*0501	P-SSO, SEQ
3135 Fischer, John	*0803	*1408	*0202	*0503				*0201	*0501	SBT, P-SSP
762 Fischer/Mayr	*0803	*1408	*0202	*0503						RSSO, SSP, SBT
8043 Gideon, Osna	*0803	*1408		*0503						SSP
910 Hahn, Amy B.	*0803	*1408	*0202/23	*0503						SSP
2344 Hurley/Hartz	*080302	*1408		*050301						SBT
771 Israel, Shosh	*080302	*1408		*0503						RVSSO, SSP
748 Jaramillo, An	*08	*14	*+	*05						P-SSP
859 Kamoun, Malek	*0803	*1408	*0202	*0503						P-SSO, SSP
797 Kato, Shunich	*0803/14	*1408		*0503						SSO, +SBT-DR
4864 Kim, Kyeong-H	*08	*14								P-SSOP
4337 Kim, Tai-Gyu	*0803	*1408		*0503				*0201	*0501	SBT
168 Klein, Tirza	*0803	*1408		*0503	*0503					P-SSP, SSO
87 Land, Geoffre	*0803	*1408	*0202	*0503	*0503	*0103	*0105	*0201	*0501	SBT, SSP
278 Lee, Jar-How	*080302	*1408	*0202	*050301		*0103	*0101/04/05+	*0201	*0501	SSP, RVSSOP
640 Lee, Kyung Wh	*0803	*1408		*0503		*0103	*010401			P-SBT
759 Lefor, W.M.	*0803/14/23+	*1408		*0503		*0103	*0101/04/05+	*0201/*1802	*0501	RVSSO
6649 Lim, Young Ae	*08	*14	*+							P-SSP
274 Lo, Raymundo	*08	*14	*+	*05						SSP
731 Loewenthal, R	*0803	*1408		*050301						SBT, SSO
23 Mah, Helen	*080302	*1408	*0202	*050301						P-RFLP, SSP
8029 Mani, Rama	*0803	*1401	*+	*0501	*0501					P-SSP
9916 McIntyre, Joh	*080302	*1408	*0202/23	*0503						SSP, SBT
8021 Montague, Bri	*0803	*1408	*0107/*02	*0503				*0201	*0501	P-SSP, SSO
792 Moore, S. Brea	*0803	*1408	*0202	*0503		*0103	*0104			P-SSO, SSP
5323 Murad, Shahna	*0803/27/29+	*1408	*0202	*05						P-SSP
774 Paik, Young K	*080302/33	*1408	*0202/23	*050301						SSP
3648 Pereira, Noem	*0803	*1408		*0503						RVSSO, SSP
3966 Permpikul&Ve	*0803	*1403	*0202	*0503						P-SSP
2400 Phelan, Donna	*0803	*1408	*02	*0503						RVSSO, SSP
16 Pidwell, Dian	*080302	*1408	*0202	*0503		*0103	*0101/04/05+	*020102//*0102	*0501//*1601	RSSO, SBT, SSP
4689 Rajczy, Katal	*0803/33	*1408	*0202	*0503						P-SSP
3753 Reed, Elaine	*0803/14	*1408	*0202	*0503		*0103	*0104			SBT, SSP, SSO
1160 Rosen-Bronso	*08	*14	*02	*05						RVSSO
793 Rubocki, Rona	*08	*14	*+	*05						P-SSP

B-CELL LINE TER-412

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5096 Seoul Red Cr	*08	*14								P-SSO
8042 Shainberg,Br	*0803	*1408/23		*0503						SSP,SSOP
8001 Sheikh,Maqso	*0803	*1408	*0202/23	*0503						RVSSOP,SSP
735 Smith/MI	*08	*14	**	*05		*01	*01	*02	*05	SSP, RVSSOP
746 Stamm,Luz	*080302	*1423/62	*02	*0503						RVSSOP,SSP
13 Tagliere,Jac	*080302	*1408	*0202	*050301						SSP
747 Tiercy,Jean-	*0803	*1408	*0202	*0503				*0201	*0501	SBT,SSO,SSP
5451 Tilanus,Marc	*080302	*1408	*020201	*050301		*0103	*010401	*020102	*0501	SSO,SBT
4021 Trachtenberg	*08	*14	*02	*0503						RVSSOP,SSP
5462 Turner,E.V.	*0803	*1408	*0202	*0503				*0201	*0501	SSO,SSP
5642 Varnavidou-N	*080302	*1408	**	*050301						P-SSP
705 Watkins,Dav	*080302	*1408	**	*0501-05						P-SSP,SEQ
5670 Wetmore,Mari	*08	*14	**	*05						SSP
2847 Yamamori,Shun	*08	*14		*05						SSO,SSP

CTR DIRNAME	DR8	DR14	DR52	DQ1	OTH1	OTH2
3904 Cooper,Shann	+	+	+	+		
910 Hahn,Amy B.	+	+	+	+		DQ4
725 Lardy,N.M.	+	+	+	+		
54 McAlack,Robe	+	+	+	+		
8004 Pais,Maria L	+	+	+	+		
2400 Phelan,Donna	+	+	+	+		
16 Pidwell,Dian	+	+	+	DQ5		
793 Rubocki,Rona	+	+	+	+		

B-CELL LINE TER-412 (Australian Aborigine)

67 DNA LABS

67 LABS REPORTING DRB1

DRB1*08	28%
DRB1*0803/33	5%
DRB1*080302/33	2%
DRB1*0803	43%
DRB1*080302	22%
DRB1*08	100% TOTAL

DRB1*14	24%
DRB1*1401	2%
DRB1*1403	2%
DRB1*1408	70%
DRB1*1426	1%
DRB1*14	99% TOTAL

49 LABS REPORTING DRB3

DRB3*+	27%
DRB3*0202	39%
DRB3*020201	2%
DRB3*02	14%
DRB3*0202/23	18%

8 SEROLOGY LABS

DR8	100%
DR14	100%
DR52	100%

62 LABS REPORTING DQB1

DQB1*05	18%
DQB1*0501	2%
DQB1*0503	61%
DQB1*050301	19%
DQB1*05	100% TOTAL

15 LABS REPORTING DQA1

DQA1*01	7%
DQA1*0103	93%
DQA1*01	100% TOTAL

DQA1*01	40%
DQA1*0104	40%
DQA1*010401	13%
DQA1*0105	7%
DQA1*01	100% TOTAL

15 LABS REPORTING DPB1

DPB1*02	7%
DPB1*0201	73%
DPB1*020102	20%
DPB1*02	100% TOTAL

DPB1*05	7%
DPB1*0501	93%
DPB1*05	100% TOTAL

DQ1	88%
DQ5	12%
DQ1	100% TOTAL

	SERUM NO. 961					SERUM NO. 962					METHOD														
	%	%	A	A	A	B	B	A	B	A		%	%	A	A	A	A	A	A	A					
POS	8'S	1	2	2	6	3	5	4	0	6	3	POS	8'S	1	5	6	3	6	1	6	4	4	3		
Alvarez & Ca	38	100	+		+							B35	51	100	+	+	+	+						B35	(3)
Baker, Judy	3	???	+										21	???	+										(4)
Berka, Noured	28	90	+				+						17	90	+										(4)
Burger, Joe	30	100	+	+	+	+	+		+	+		A31, A33, A74	22	100	+	+	+	+	+	+	+	+	+		(3)
Cantwell, Lin	???	???	+	+	+	+	+	+	+	+		CW5, CW1	???	???	+	+	+	+	+	+	+	+	+	6601, A80, B62	(3)
Choo, Yoon MD	45	100	+	+	+	+							73	0	+	+	+	+			+			A74, A32	(5)
Claas, F.H.J.	33	33	+										33	33	+										(1)
Cohen, Jacqu	51	???	+	+	+	+	+				+	B14	55	???	+	+	+	+	+	+			+	A80	(3)
Cooper, E. Sh	12	0	+										12	0	+										(4)
Darke, Christ	???	???	+	+	+	+	+	+	+	+		B8, CW5	???	???	+	+	+	+	+	+	+	+	+	A80	(3)
Dunckley, Hea	24	22	+									A23, A24	18	70	+										(1)
Dunk, Arthur	18	100	+										17	100	+										(6)
Dunn, Dale Dr	15	50	+										17	0	+										(4)
Dunn, Paul Ph	20	100	+					+					13	100	+										(2)
Eckels/CPMC	42	???	+	+	+		+	+		+		A29, A33	30	???	+										(4)
Elkhalifa MD	49	???	+	+	+	+	+				+	A1, A36, A24	42	???	+	+	+	+	+		+				(3)
Ellis, Thomas	100	???	+							+		A10, A29, A31>	77	???	+		+		+	+				A10, B8	(3)
Esteves Kond	2	???										???	0	0											(1)
Esteves-Kond	75	100	+	+	+	+						A33, A34, A68, B8>	100	43	+	+	+	+	+	+	+	+	+	A23, A68	(5)
Fotino, Maril	21	29	+										20	0	+		+								(4)
Foxcroft, Z.K	21	22	+					+				A31, A34, A69>	26	29	+									A69, B13, B22>	(1)
Gautreaux, Mi	84	???	+	+	+	+	+			+		B8, A31, A33	82	???	+	+	+	+	+	+	+	+		B62	(3)
Hahn, Amy B.	16	100	+										7	1	100	+									(4)
Hamdi, Nuha D	40	100	+	+		+	+					B81, B63	67	100		+	+							CW5, B63, CW16>	(3)
Han, Hoon Dr	44	???	+	+				+					38	???	+	+									(3)
Harville/ACH	???	???	+	+	+	+		+	+	+	+	B8	???	???	+	+	+	+	+	+	+		+	A80, B62	(3)
Hogan, Patric	12	30	+										12	50	+										(1)
Holdsworth, R	100	100	+	+	+	+	+			+		A31, A33, A34, B8	NT												(5)
Israel, Shosh	30	100	+				+						20	100	+										(2)
Kamoun, Malek	53	???	+	+	+	+	+						55	???	+	+	+	+	+						(3)
Klein, Jon MD	43	???	+	+	+	+	+					A24	55	???	+	+	+	+	+		+	+		A32	(5)
Klein, Tirza	86	100	+	+	+					+		6601, A33, A68>	70	100	+	+	+		+	+	+			A29, A80, B54>	(3)
Lardy, N.M. D	12	71	+										13	100	+										(2)
Loewenthal M	84	100	+	+	+		+					6601, B8, B39>	72	100	+	+	+	+		+				6601, A29, B56>	(3)
MacCann, Eile	82	???	+	+	+		+			+		6601, A34, A33>	90	???	+	+	+	+	+	+	+	+		A9	(3)
Mah, Helen	18	100	+					+	+				9	100	+										(4)
McAlack, Robe	13	100	+	+	+	+	+	+		+			15	0	+	+	+	+	+	+				A29, 8101	(5)
McAlack-Bala	72	100	+	+	+		+			+		6601, CW8, CW5	72	100	+	+	+	+		+	+	+		6601	(3)
McCluskey, Ja	21	100	+										18	100	+										(6)
Moore, S. Brea	29	???	+	+	+	+		+	+	+	+		25	???	+	+	+	+	+	+	+		+	B62	(3)
Ozawa, Mikki	???	???	+	+	+		+	+		+	+	6601, 3001, B8	???	???	+	+	+	+		+	+		+	6601, B62	(3)
Paik, Young K	62	100	+	+	+		+	+				A34	33	86	+	+	+								(4)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	B62	(3)
Permpikul &	25	85	+										39	90	+										(1)
Phelan, Donna	47	???	+	+	+	+	+	+	+	+		A34, B8	46	???	+	+	+	+	+	+		+			(6)
Pidwell, Dian	16	100	+	+	+							6601	12	100	+									6601	(2)
Rosen-Bronso	78	100	+	+	+	+	+		+	+		A31, A74, B71	75	100	+	+	+	+	+	+	+	+	+	A80, B37	(3)
Sage, Deborah	70	???	+	+	+	+	+		+			A34, A31, A33>	80	???	+	+	+	+	+	+	+	+	+	A30, A32	(3)
Smith/MI,	22	???	+										22	???	+										(4)
Suciu-Foca, N	27	50	+									A10	17	30	+									A10	(1)
Sullivan, Kar	60	???	+	+	+	+		+	+			A23, B60, CW1	20	1	+	+	+	+							(5)
Tagliere, Jac	0	0											2	???										???	(2)
Turner, E.V.	???	???	+	+	+	+	+		+	+		A34, A31, B8	???	???	+	+	+	+	+	+	+	+	+	A80	(3)
Ward & Osows	27	0	+	+	+							A34, A36	17	0	+		+				+				(4)

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

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

A11	96%	0.872
A25	57%	0.980
A26	54%	0.915
A66	41%	0.975
A3	35%	0.821
B65	31%	0.962
B64	20%	1.000
A30	20%	0.540
A43	19%	1.000
B46	19%	1.000
A34	19%	0.889
A31	19%	0.826
A33	19%	0.588
B8	17%	0.929
6601	11%	0.889
A74	9%	1.000
CW5	7%	1.000
A24	6%	0.333
A29	4%	1.000
A36	4%	1.000
A68	4%	1.000
CW1	4%	1.000
A10	4%	0.694
A23	4%	0.429

\*\*\* 53 TYPING LABS \*\*\*

A11	94%	0.919
A25	53%	0.977
A26	47%	0.956
A3	45%	0.769
A66	38%	0.973
A1	38%	0.956
A36	28%	0.950
A34	21%	1.000
A24	19%	0.917
A43	17%	1.000
A80	13%	1.000
B62	13%	1.000
6601	9%	0.857
A32	8%	1.000
A29	6%	1.000
B13	4%	0.857
A10	4%	0.800
B56	4%	0.750

Methods:

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

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

SERUM NO. 961										SERUM NO. 962						METHOD			
%	%	A	B	B	B	A	A	A	A	A	%	%	A	B	B		B	A	A
POS	8'S	1	6	5	1	6	3	3	2	2	1	1	5	2	1	6	1		
Claas, F.H.J.	33	33	+									33	33	+					(1)
Dunckley, Hea	24	22	+						+	+		18	70	+					(1)
Esteves Kond	2	???								???		0	0						(1)
Foxcroft, Z.K	21	22	+	+	+	+	+	+				26	29	+	+	+	+		(1)
Hogan, Patric	12	30	+									12	50	+					(1)
Permpikul &	25	85	+									39	90	+					(1)
Suciu-Foca, N	27	50	+							+		17	30	+				+	(1)

\*\*\* 7 TYPING LABS \*\*\*

A11	86%	0.708
???	14%	1.000
A69	14%	1.000
B58	14%	1.000
B64	14%	1.000
B13	14%	0.833
A31	14%	0.750
A10	14%	0.688
A34	14%	0.667
A23	14%	0.333
A24	14%	0.150

\*\*\* 7 TYPING LABS \*\*\*

A11	86%	0.867
A69	14%	1.000
B22	14%	1.000
B58	14%	1.000
B13	14%	0.833
A10	14%	0.750

\*\*\* 7 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

SERUM NO. 961						SERUM NO. 962			METHOD				
%	%	A	B	A	A	%	%	A					
POS	8'S	1	6	2	2	1	1	1					
Dunn, Paul Ph	20	100	+	+				13	100	+			(2)
Israel, Shosh	30	100	+	+				20	100	+			(2)
Lardy, N.M. D	12	71	+					13	100	+			(2)
Pidwell, Dian	16	100	+		+	+	+	12	100	+	+		(2)
Tagliere, Jac	0	0						2	???			???	(2)

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

A11	80%	0.857
B65	40%	0.750
A25	20%	0.667
6601	20%	0.500
A26	20%	0.167

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

A11	80%	1.000
???	20%	1.000
6601	20%	0.500

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 1008 \*\*\*\*\*

Method: NIH-ext



SERUM NO. 961											SERUM NO. 962											METHOD	
% POS	% 8'S	A 1	A 2	A 2	A 6	A 4	A 3	A 3	B 0	A 6	B 1	B 5	A 3	A 2	A 6	A 3	A 2	A 4	A 3	A 8			
Alvarez & Ca	38 100	+			+								B35	51 100	+	+	+	+			B35	(F-3)	
Baker, Judy	64 ???	+	+	+	+	+	+		+				A33, A74	55 ???	+	+	+	+	+	+	+	(L-3)	
Berka, Noured	42 ???	+	+	+						+			6601, B63, B8	68 ???	+	+	+	+	+	+		(L-3)	
Burger, Joe	30 100	+	+	+	+	+	+	+		+			A33, A74	22 100	+	+	+	+	+	+	+	A34	(L-3)
Cantwell, Lin	??? ???	+	+	+	+	+				+	+		CW5, B64, CW1	??? ???	+	+	+	+	+	+	+	6601, B62	(L-3)
Cohen, Jacque	51 ???	+	+	+	+	+	+		+				B14	55 ???	+	+	+	+	+	+		(L-3)	
Darke, Christ	??? ???	+	+	+	+	+				+	+		B8, B64, CW5	??? ???	+	+	+	+	+	+	+	A34	(L-3)
Dunn, Paul Ph	??? ???	+	+	+	+	+	+		+	+	+		CW5, B64	??? ???	+	+	+	+	+	+	+	B62	(L-3)
Eckels/CPMC,	66 ???	+	+	+	+	+	+	+	+	+	+		A33	59 ???	+	+	+	+	+	+	+	2403, 6601	(L-3)
Elkhalifa MD	49 ???	+	+	+	+		+						A1, A36, A24	42 ???	+	+	+	+	+	+		(L-3)	
Ellis, Thomas	100 ???	+							+	+			A10, A29, A33>	77 ???	+	+	+	+	+			A10, B8	(L-3)
Esteves Kond	100 100	+	+	+	+				+	+			A74	93 40	+	+	+	+	+	+	+	A34	(F-3)
Fotino, Maril	41 ???	+	+	+	+	+			+	+			B64, B8, CW3	28 ???	+	+	+	+	+	+	+	B62	(L-3)
Gautreaux, Mi	84 ???	+	+	+	+				+	+	+		B8, A33	82 ???	+	+	+	+	+	+	+	B62	(L-3)
Hamdi, Nuha D	40 100	+	+	+					+				B81, B63	67 100	+	+	+					CW5, B63, CW16>	(L-3)
Han, Hoon Dr	44 ???	+	+							+				38 ???	+	+						(L-3)	
Harville/ACH	??? ???	+	+	+	+	+			+	+	+		B64, B8	??? ???	+	+	+	+	+	+	+	B62	(L-3)
Kamoun, Malek	53 ???	+	+	+	+				+					55 ???	+	+	+	+	+			(L-3)	
Klein, Tirza	86 100	+	+	+					+				6601, A33, A68>	70 100	+	+	+	+	+	+	+	A29, B54, B75	(L-3)
Loewenthal M	84 100	+	+	+					+	+			6601, B8, B39>	72 100	+	+	+	+	+	+	+	6601, A29, B56>	(L-3)
MacCann, Eile	82 ???	+	+	+					+	+	+		6601, A34, A33	90 ???	+	+	+	+	+	+	+	A34, A9	(L-3)
Mah, Helen	29 ???	+							+	+	+		A10, A33, A74, B8>	28 ???	+	+	+	+	+	+	+	A10, B15, B57>	(L-3)
McAlack-Bala	72 100	+	+	+					+	+			6601, CW8, CW5	72 100	+	+	+	+	+	+	+	6601, A34	(L-3)
McCluskey, Ja	78 ???	+	+	+									6601	82 ???	+	+	+	+				6601	(L-3)
Moore, S. Brea	29 ???	+	+	+	+	+			+	+	+		B64	25 ???	+	+	+	+	+	+	+	B62	(L-3)
Ozawa, Mikki	??? ???	+	+	+	+				+	+	+		6601, B64, 3001>	??? ???	+	+	+	+	+	+	+	6601, B62	(L-3)
Pereira, Noem	??? ???	+	+	+	+	+			+	+	+		CW5, B64	??? ???	+	+	+	+	+	+	+	B62	(L-3)
Phelan, Donna	31 ???	+	+	+	+	+	+		+				A34, A33	18 ???	+	+	+	+	+	+	+	A34	(L-3)
Pidwell, Dian	??? ???	+	+	+	+	+				+	+		CW10, CW1, CW5>	??? ???	+	+	+	+	+	+	+	B62	(F-3)
Rosen-Bronso	78 100	+	+	+	+	+	+		+	+			A74, B71	75 100	+	+	+	+	+	+	+	A34, B37	(F-3)
Sage, Deborah	70 ???	+	+	+	+				+	+	+		A34, A33, A74	80 ???	+	+	+	+	+	+	+	A34, A30, A32	(L-3)
Smith/MI,	??? ???	+	+	+	+	+			+	+	+		CW5, CW10	??? ???	+	+	+	+	+	+	+	6601, B62	(L-3)
Suciu-Foca, N	??? 100	+	+	+	+	+	+		+	+	+		A74, A34	??? 100	+	+	+	+	+	+	+	B62	(L-3)
Turner, E.V.	??? ???	+	+	+	+	+	+		+	+	+		A34, B8	??? ???	+	+	+	+	+	+	+	A34	(L-3)
Ward & Osows	49 ???	+	+	+	+	+			+				CW5, B64, CW10	72 ???	+	+	+	+	+	+	+	B62	(LF-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

\*\*\* 35 TYPING LABS \*\*\*

A11	100%	1.000
A25	91%	1.000
A26	86%	0.981
A66	71%	0.971
A43	54%	1.000
A3	54%	0.889
A30	49%	0.586
B46	40%	1.000
A31	40%	0.880
B65	31%	1.000
A33	31%	0.594
A74	26%	1.000
B64	26%	1.000
B8	26%	0.875
CW5	23%	1.000
6601	20%	1.000
A34	17%	1.000
CW10	9%	1.000
A10	6%	1.000
CW1	6%	1.000
B63	6%	0.800

\*\*\* 35 TYPING LABS \*\*\*

A11	97%	1.000
A25	94%	0.979
A3	89%	0.847
A26	86%	0.958
A1	80%	0.963
A66	60%	0.966
A36	60%	0.960
A24	54%	1.000
A43	51%	1.000
A80	40%	1.000
B62	37%	1.000
A34	26%	1.000
6601	20%	1.000
A10	6%	1.000
A29	6%	1.000
A32	6%	1.000
B37	6%	1.000
B56	6%	0.750

\*\*\* 35 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

	SERUM NO. 961				SERUM NO. 962				METHOD
	%	%	A B	A A B A	%	%	A A		
POS 8'S	1	6	3	2 2 6 3	1	6	1 2		
Baker, Judy	3	???	+		21	???	+	(4)	
Berka, Noured	28	90	+	+	17	90	+	(4)	
Cooper, E. Sh	12	0	+		12	0	+	(4)	
Dunn, Dale Dr	15	50	+		17	0	+	(4)	
Eckels/CPMC,	42	???	+	+	30	???	+	(4)	
Fotino, Maril	21	29	+		20	0	+	(4)	
Hahn, Amy B.	16	100	+		7	1 100	+	(4)	
Mah, Helen	18	100	+	+	9	100	+	(4)	
Paik, Young K	62	100	+	+	33	86	+	(4)	
Smith/MI,	22	???	+		22	???	+	(4)	
Suciu-Foca, N	34	56	+		21	64	+	(4)	
Ward & Osows	27	0	+		17	0	+	(4)	

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

\*\*\* 12 TYPING LABS \*\*\*

A11	100%	0.884
B65	33%	1.000
A25	25%	1.000
A26	25%	1.000
A3	25%	0.804
B64	17%	1.000
A34	17%	0.800
A29	8%	1.000
A33	8%	1.000
A36	8%	1.000
B46	8%	1.000
A10	8%	0.889
B14	8%	0.750

\*\*\* 12 TYPING LABS \*\*\*

A11	100%	0.855
A26	17%	0.833
A25	8%	1.000
A36	8%	1.000
A10	8%	0.688
A3	8%	0.429

\*\*\* 12 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

	%		A	A	A	A	A	B	B	B	%		A	A	A	A	A	A	A	A	METHOD		
	POS	8'S	6	2	2	1	3	3	8	5	4	6	6	2	1	2	3	3	2	3			
Choo, Yoon MD	45	100	+	+	+	+						73	0	+	+	+	+		+		+	A74	(5)
Esteves-Kond	75	100	+	+	+	+	+	+				100	43	+	+	+		+	+	+	+	A23,A68	(5)
Hahn, Amy B.	19	???	+	+	+	+	+					15	???	+	+	+	+	+	+	+	+	A80,B62	(5)
Holdsworth, R	100	100	+	+	+	+	+	+				NT											(5)
Klein, Jon MD	43	???	+	+	+	+	+					55	???	+	+	+	+	+		+	+	A24	(5)
McAlack, Robe	13	100	+	+	+	+	+			+	+	15	0	+	+	+	+	+			+	A29,8101	(5)
Paik, Young K	34	14	+	+	+	+						27	0	+	+	+			+				(5)
Sullivan, Kar	60	???	+	+	+	+				+	+	20	1	+	+	+	+						(5)

\*\*\*\*\* SERUM NO. 961 \*\*\*\*\* SERUM NO. 962 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

A11	100%	1.000
A25	100%	1.000
A26	100%	1.000
A66	100%	1.000
A3	50%	1.000
A33	38%	1.000
A30	25%	1.000
A34	25%	1.000
B8	25%	1.000
B46	25%	1.000
B64	25%	1.000
B65	25%	1.000
A23	13%	1.000
A24	13%	1.000
A31	13%	1.000
A68	13%	1.000
A74	13%	1.000
B60	13%	1.000
CW16	13%	1.000
CW1	13%	1.000

\*\*\* 7 TYPING LABS \*\*\*

A11	100%	1.000
A66	100%	1.000
A25	100%	0.929
A26	71%	1.000
A3	57%	0.923
A1	43%	1.000
A34	43%	1.000
A24	43%	0.850
A36	43%	0.625
A32	29%	1.000
8101	14%	1.000
A23	14%	1.000
A29	14%	1.000
A68	14%	1.000
A80	14%	1.000
B62	14%	1.000
A74	14%	0.667

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Elisa



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

A25	81%	1.000
A26	81%	0.961
A34	80%	1.000
A66	69%	0.983
A11	52%	0.817
A32	43%	0.818
A29	37%	0.974
A33	35%	0.713
A31	30%	0.862
A30	20%	0.875
A74	19%	1.000
A43	17%	1.000
A68	15%	1.000
6601	7%	1.000
6602	7%	1.000
A69	7%	1.000
A19	7%	0.966
A10	7%	0.904
A28	7%	0.571
A1	4%	1.000
A2	4%	1.000
A3	4%	0.750

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

A11	87%	0.872
A1	81%	0.942
A36	50%	0.977
A26	46%	0.944
A34	43%	1.000
A25	41%	0.974
A66	35%	1.000
A3	28%	0.893
A80	20%	1.000
A24	20%	0.940
B8	15%	1.000
A43	13%	1.000
A10	11%	0.970
A23	11%	0.722
BW6	7%	1.000
A9	7%	0.867
A30	7%	0.800
6601	6%	1.000
A31	4%	1.000
B27	4%	1.000
B42	4%	1.000
B73	4%	1.000
A19	4%	0.929
A32	4%	0.667

Methods:

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

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

	C										C										METHOD	
	A	A	A	A	A	W	B	B	A	A	A	A	W	B	A	A	A					
%	%	3	2	2	6	1	1	7	4	3	2	%	%	A	1	1	1	4	6	3	2	
POS	8'S	4	6	5	6	0	8	3	6	3	9	POS	8'S	1	1	0	8	2	6	6	6	
Claas, F.H.J.	33	33					+					58	40	+	+	+						(1)
Dunckley, Hea	20	100	+	+	+	+						41	97	+	+						(1)	
Esteves Kond	19	100	+	+	+	+						0	0								(1)	
Foxcroft, Z.K	23	100	+	+	+	+		+	+	+		20	0				+	+	+	+	+	(1)
Hogan, Patric	22	100	+	+	+							24	47	+	+							(1)
Permpikul &	14	67	+	+								51	91	+	+							(1)
Suciu-Foca, N	25	86					+					30	67	+		+						(1)

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

\*\*\* 7 TYPING LABS \*\*\*

A26	71%	1.000
A34	71%	1.000
A25	57%	1.000
A66	43%	1.000
A10	29%	0.893
B46	14%	1.000
B73	14%	1.000
CW18	14%	1.000
A29	14%	0.750
A28	14%	0.250
A11	14%	0.214
A33	14%	0.188

\*\*\* 7 TYPING LABS \*\*\*

A1	71%	0.955
A11	57%	0.746
A10	29%	0.857
A36	14%	1.000
A66	14%	1.000
B42	14%	1.000
CW18	14%	1.000
A26	14%	0.800

\*\*\* 7 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

	6 6										6										METHOD								
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
%	%	2	3	2	6	3	3	3	1	0	0	%	%	A	1	3	3	2	2	2	2	0							
POS	8'S	6	4	5	6	3	2	1	1	2	1	POS	8'S	1	1	6	4	6	5	4	3	1							
Dunn, Paul Ph	33	100	+	+	+	+	+	+	+													56	100	+	+	+	+	+	(2)
Israel, Shosh	26	100	+	+	+	+						39	100	+	+	+							(2)						
Lardy, N.M. D	19	100	+	+	+	+						33	90	+	+							(2)							
Pidwell, Dian	34	100	+	+	+		+	+		+	+	54	100	+	+	+	+	+	+	+	+	+	(2)						
Tagliere, Jac	15	33	+									11	0	+									(2)						

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

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

A26	100%	0.941
A25	80%	1.000
A34	80%	1.000
A66	60%	1.000
A33	40%	0.500
A32	40%	0.333
6601	20%	1.000
6602	20%	1.000
A31	20%	1.000
A11	20%	0.600

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

A1	100%	0.900
A11	80%	0.929
A34	40%	1.000
A36	40%	1.000
A26	40%	0.857
A25	40%	0.750
6601	20%	1.000
A24	20%	0.500
A23	20%	0.200

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 963										SERUM NO. 964										METHOD						
	%	%	A 3	A 1	A 2	A 3	A 2	A 3	A 6	A 2	A 4	A 3	%	%	A 1	A 1	A 3	A 3	A 2	A 2		A 8	A 6	A 2	B		
POS	8'S	4	1	5	2	6	3	6	9	3	1	POS	8'S	1	1	6	4	6	5	0	6	4	8				
Alvarez & Ca	100	???										???	96	100											BW6	(F-3)	
Baker, Judy	76	???	+	+	+	+	+	+	+	+	+	A30, A74	98	???	+	+	+	+	+	+	+	+	+	+	A3	(L-3)	
Berka, Noured	88	???	+	+	+	+	+	+	+	+	+	6601, A1, A74	88	???	+	+	+	+	+	+	+	+	+	+	B42, B27, B41	(L-3)	
Burger, Joe	20	100	+		+	+	+	+	+	+	+	A74	53	100	+	+	+	+	+	+	+	+	+	+	A43, A3, BW6	(L-3)	
Cantwell, Lin	???	???	+		+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	+	+	+	A43	(L-3)	
Cohen, Jacques	76	???	+	+	+		+	+	+	+	+	A19, A68	95	???	+	+	+	+		+					A3, A9, A10	(L-3)	
Darke, Christ	???	???	+	+	+	+		+	+	+	+	A74, A30	???	???	+	+	+	+	+	+	+	+	+	+	A43	(L-3)	
Dunn, Paul Ph	???	???	+	+		+		+	+	+	+	A68, A74, A69	???	???	+	+	+	+	+	+	+	+	+	+	B65	(L-3)	
Eckels/CPMC,	94	???	+	+	+	+	+	+	+	+	+	A30	94	???	+	+	+	+	+	+			+		A23, A3, A43	(L-3)	
Elkhalifa MD	76	???	+	+	+		+	+	+		+	A69, A68	93	???	+	+	+		+	+			+	+	A3	(L-3)	
Ellis, Thomas	96	???		+								A10, A19, A28	96	???	+	+							+	+	A10, A3, A9	(L-3)	
Esteves Kond	97	100	+	+	+	+	+		+		+	A24, A30	92	83	+	+		+	+	+		+	+	+	A3, A23, B7	(F-3)	
Fotino, Maril	33	???	+	+	+	+	+	+	+	+	+	A74	52	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Gautreaux, Mi	86	???	+	+	+	+	+	+	+	+	+	A74	94	???	+	+	+	+	+	+			+		A23	(L-3)	
Hamdi, Nuha D	53	100	+	+	+		+		+		+	B63, CW5, CW16>	98	100	+		+								CW1, A23, B7, B62>	(L-3)	
Han, Hoon Dr	71	???		+	+			+	+		+		69	???	+									+		(L-3)	
Harville/ACH	???	???	+	+		+		+	+	+	+	A30	???	???	+	+	+	+	+	+	+	+	+	+	A43	(L-3)	
Kamoun, Malek	76	???	+		+	+	+	+	+	+	+	A30, A74	98	???	+		+	+	+			+				(L-3)	
Klein, Tirza	84	100	+	+	+	+	+	+	+	+	+	6601, 6602, A68>	100	100	+	+	+	+	+	+		+		+	A30, A29, B27	(L-3)	
Loewenthal M	92	100	+	+	+	+	+	+	+	+	+	6601, 6602, A1>	100	100	+	+	+								+	6601, B41, B13>	(L-3)
MacCann, Eile	88	???	+	+	+		+		+		+	A19, A1, A3	100	???	+	+	+			+					A3, A10, A19, A2>	(L-3)	
Mah, Helen	33	???		+							+	A19, A10, A2, A28>	55	???	+		+							+	A10, A9, B7, B40>	(L-3)	
McAlack-Bala	86	100		+	+	+	+	+	+	+	+	6601	100	100	+	+	+	+	+	+		+	+	+		(L-3)	
McCluskey, Ja	84	???	+	+	+		+		+		+	6601, 6602	100	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Moore, S. Brea	32	???	+		+	+	+	+	+	+	+	A30	58	???	+	+	+	+	+	+		+			B73, A43	(L-3)	
Ozawa, Mikki	???	???	+		+	+	+	+	+	+	+	A30, A74	???	???	+	+	+	+	+	+	+	+	+	+	6601, A43	(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	A30, A74	???	???	+	+	+	+	+	+	+	+	+	+	B73, A43	(L-3)	
Phelan, Donna	25	???		+	+		+		+	+	+	A10, A28, A23>	50	???											A1C, BW6, B27>	(L-3)	
Pidwell, Dian	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	+	+	+	A43, B76	(F-3)	
Rosen-Bronso	88	100	+	+	+	+	+	+	+	+	+	A30	99	100	+	+	+	+	+	+		+	+	+	A3, A23	(F-3)	
Sage, Deborah	86	???	+	+	+	+	+	+	+	+	+	A2, A3, A23, A30	100	100	+	+	+	+	+	+	+	+	+	+	A3, A23, A30	(L-3)	
Smith/MI,	???	???	+	+	+	+	+	+	+	+	+	A30, A74	???	???	+	+	+	+	+	+		+			B73, 6601, B76	(L-3)	
Suciu-Foca, N	???	100	+		+	+	+	+	+	+	+	A30, A74	???	100	+	+	+	+	+	+	+	+	+	+	A43	(L-3)	
Turner, E.V.	???	???		+							+	A19C, A10C, A2>	???	???											A1C, A10C, B8C>	(L-3)	
Ward & Osows	87	???	+	+	+	+	+	+	+	+	+	A74, A30	94	???	+	+	+	+	+	+	+	+	+	+		(LF-3)	

(3) - L-Luminex, F-Flow



\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

\*\*\* 35 TYPING LABS \*\*\*

A34	83%	1.000
A11	80%	0.920
A25	77%	1.000
A26	71%	1.000
A32	71%	0.974
A33	66%	0.860
A66	63%	1.000
A29	60%	1.000
A43	51%	1.000
A31	49%	0.931
A74	46%	1.000
A30	43%	1.000
6601	14%	1.000
A68	14%	1.000
A19	11%	1.000
6602	9%	1.000
A1	9%	1.000
A2	9%	1.000
A10	9%	1.000
A23	9%	1.000
A28	9%	1.000
A69	9%	1.000
A3	6%	0.750

\*\*\* 35 TYPING LABS \*\*\*

A11	89%	0.949
A1	83%	1.000
A34	74%	1.000
A36	74%	1.000
A26	71%	0.975
A25	66%	1.000
A66	46%	1.000
A80	46%	1.000
A24	43%	1.000
B8	31%	1.000
A3	29%	1.000
A43	29%	1.000
A23	17%	0.933
A9	11%	1.000
A10	11%	1.000
B27	11%	1.000
6601	9%	1.000
BW6	9%	1.000
B7	9%	1.000
B73	9%	1.000
A1C	6%	1.000
A30	6%	1.000
B41	6%	1.000
B42	6%	1.000
B62	6%	1.000
B76	6%	1.000

\*\*\* 35 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Luminex/Flow

	SERUM NO. 963										SERUM NO. 964										METHOD		
	%	%	A	A	A	A	A	A	A	A	%	%	A	A	A	A	B	A	A	A			
POS	8'S	2	2	6	3	1	3	3	3	1	POS	8'S	1	1	6	3	8	1	6	5	0		
Baker, Judy	38	???	+	+	+	+	+				40	???	+	+	+							(4)	
Berka, Noured	33	100	+	+	+	+	+				60	100	+	+	+	+			+	+		(4)	
Cooper, E. Sh	26	15	+	+	+	+	+				7	12	+	+								(4)	
Dunn, Dale Dr	18	100	+	+	+	+					30	30	+	+	+							(4)	
Eckels/CPMC,	37	???	+	+		+	+	+		B18, B39, B61, B44	90	???	+	+		+	+					(4)	
Fotino, Maril	14	100	+	+	+						32	0	+	+								(4)	
Hahn, Amy B.	43	75	+	+			+	+	+	A74	57	86	+	+		+		+			A30, A32	(4)	
Mah, Helen	14	100	+	+	+						43	100	+				+	+	+			A66, B52, B56, B55	(4)
Paik, Young K	76	100					+			+ A19	90	86	+	+		+				+		A9, A19	(4)
Smith/MI,	26	???	+	+	+	+		+			47	???	+	+	+							A34	(4)
Suciu-Foca, N	40	52					+	+	+	+ A33	79	100	+	+			+				+	B15, B35, B18	(4)
Ward & Osows	20	100	+	+		+					7	100	+										(4)

\*\*\* 12 TYPING LABS \*\*\*

A25	83%	1.000
A26	83%	0.912
A34	58%	1.000
A66	58%	0.889
A11	58%	0.778
A32	33%	1.000
A31	25%	0.750
A10	17%	1.000
A30	17%	0.857
A74	8%	1.000
B18	8%	1.000
B39	8%	1.000
B44	8%	1.000
B61	8%	1.000
A19	8%	0.933
A33	8%	0.667

\*\*\* 12 TYPING LABS \*\*\*

A11	100%	0.814
A1	83%	0.854
A36	33%	0.875
A3	33%	0.864
B8	25%	1.000
A10	17%	1.000
A25	17%	1.000
A26	17%	1.000
A31	17%	1.000
A34	8%	1.000
A66	8%	1.000
B15	8%	1.000
B18	8%	1.000
B35	8%	1.000
B52	8%	1.000
B55	8%	1.000
B56	8%	1.000
A19	8%	0.862
A9	8%	0.750
A30	8%	0.667
A32	8%	0.333

\*\*\* 12 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

	%	%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	METHOD					
	POS	8'S	6	3	2	2	2	6	1	3	3	6	1	A	6	3	3	2	2	8	A	2			
Choo, Yoon MD	50	67	+	+	+	+	+					+		83	29	+	+	+		+	+	+	+	A30	(5)
Esteves-Kond	71	67	+	+	+	+	+	+		+	+	+		100	100	+	+	+	+	+	+	+		BW6	(5)
Hahn, Amy B.	22	???												57	???	+	+	+					+	A9, A10, A19, BW6	(5)
Holdsworth, R	53	100	+	+	+	+	+					+		100	100	+	+	+	+	+	+	+	+	A23	(5)
Klein, Jon MD	61	???	+	+	+	+	+	+	+	+	+			96	???	+	+	+		+	+	+	+	A32, A33	(5)
McAlack, Robe	31	100	+	+	+	+	+					+	A74	55	100	+	+	+	+	+	+	+			(5)
Paik, Young K	27	33	+	+	+	+								86	12	+	+					+	+	A9, A10, A19	(5)
Sullivan, Kar	65	???	+	+	+	+	+	+						93	???									MULTI	(5)

\*\*\*\*\* SERUM NO. 963 \*\*\*\*\* SERUM NO. 964 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

A25	88%	1.000
A26	88%	1.000
A34	88%	1.000
A66	88%	1.000
A29	75%	1.000
A68	63%	1.000
A11	50%	1.000
A31	38%	0.857
A32	38%	0.733
A69	25%	1.000
A2	13%	1.000
A10	13%	1.000
A19	13%	1.000
A23	13%	1.000
A28	13%	1.000
A30	13%	1.000
A33	13%	1.000
A74	13%	1.000

\*\*\* 8 TYPING LABS \*\*\*

A1	88%	1.000
A11	88%	1.000
A25	63%	1.000
A26	63%	1.000
A34	63%	1.000
A66	63%	1.000
A36	63%	0.875
A80	50%	1.000
A3	50%	0.778
A24	38%	1.000
A9	25%	1.000
A10	25%	1.000
BW6	25%	1.000
A19	25%	0.739
A23	13%	1.000
A30	13%	1.000
A33	13%	1.000
MULTI	13%	1.000
A32	13%	0.833

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Elisa



\*\*\* 55 TYPING LABS \*\*\*

A2	87%	0.896
B57	78%	0.884
B58	73%	0.909
B63	45%	0.971
B62	27%	0.957
A68	22%	1.000
B46	13%	1.000
A24	13%	0.731
CW10	11%	1.000
CW18	11%	1.000
A69	9%	1.000
CW9	9%	1.000
A23	9%	0.727
CW17	7%	1.000
B17	7%	0.902
???	5%	1.000
B49	4%	1.000
A28	4%	0.667
B13	4%	0.571

\*\*\* 55 TYPING LABS \*\*\*

B57	85%	0.991
B58	85%	0.981
A2	60%	0.937
B63	55%	0.939
B55	45%	0.917
B56	38%	0.964
B54	33%	0.950
B7	31%	0.969
B42	29%	0.839
B81	15%	1.000
B27	13%	0.800
B22	9%	0.818
8201	5%	1.000
B82	5%	1.000
B17	5%	0.895
???	4%	1.000
A28	4%	1.000
A68	4%	1.000
B62	4%	1.000
B67	4%	1.000
B76	4%	1.000
A11	4%	0.545

Methods:

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

\*\*\* 55 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

	%	%	B	B	B	B	A		%	%	B	B	C	B	B	B	B	A	
	POS	8'S	5	A	5	4	1	2	POS	8'S	5	5	W	4	4	1	1	3	METHOD
Claas, F.H.J.	33	4	+						25	50									(1)
Dunckley, Hea	13	50	+	+	+				15	43	+	+							(1)
Esteves Kond	3	???						???	5	???									(1)
Foxcroft, Z.K	8	0	+			+	+	+	21	100	+	+	+	+	+				(1)
Hogan, Patric	0	0							???	???									(1)
Permpikul &	5	25						???	16	66	+	+							(1)

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

???	33%	1.000
B58	33%	0.444
A2	33%	0.400
A24	17%	0.583
B13	17%	0.500
B42	17%	0.500
B57	17%	0.400

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

B58	50%	0.950
B57	50%	0.909
???	33%	1.000
B17	17%	1.000
CW5	17%	1.000
B42	17%	0.833
B13	17%	0.667
B44	17%	0.667
A33	17%	0.556

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

	%	%	B	B					%	%	B	B	B	A					
	POS	8'S	A	5	1				POS	8'S	5	5	1	A	1				METHOD
Dunn, Paul Ph	39	70	+	+					14	100	+	+							(2)
Lardy, N.M. D	44	54	+						19	100	+	+							(2)
Pidwell, Dian	30	100	+	+					18	100	+	+							(2)
Suciu-Foca, N	50	33	+		+				64	44			+	+					(2)
Tagliere, Jac	9	???						???	6	0					+				(2)

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

A2	80%	0.919
B57	40%	0.667
???	20%	1.000
B17	20%	0.889

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

B57	60%	1.000
B58	60%	1.000
A2	20%	0.889
B17	20%	0.889
A11	20%	0.333

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: NIH-ext

	% POS	% 8'S	SERUM NO. 965								SERUM NO. 966								METHOD															
			A	B	B	B	B	W	A	C	A	B	B	B	B	B	B	B																
Alvarez & Ca	30	100	+	+	+														53	100	+	+	+										A11,A66	(F-3)
Baker, Judy	38	???	+	+	+	+	+		+	+									45	???	+	+	+	+	+	+	+	+	+	+			A69,CW6	(L-3)
Berka, Noured	50	???	+	+	+	+				+									50	???	+	+	+	+	+	+							(L-3)	
Burger, Joe	12	100	+	+	+														16	100	+	+	+	+	+	+	+	+	+			B82	(L-3)	
Cantwell, Lin	???	???	+	+	+	+	+	+		+	+								???	???	+	+	+	+	+	+	+	+	+	+		CW17	(L-3)	
Cohen, Jacques	56	???		+	+	+													55	???	+	+	+									B54,B55,B56>	(L-3)	
Darke, Christ	???	???	+	+	+	+	+	+	+	+	+								???	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Dunn, Paul Ph	???	???	+	+	+	+	+	+		+	+								???	???	+	+	+	+	+	+	+	+	+	+		CW5	(L-3)	
Eckels/CPMC,	41	???	+	+	+	+	+		+										47	???	+	+	+	+	+	+	+	+	+	+		2403,A69,B45	(LF-3)	
Elkhalifa MD	38	???	+	+	+														45	???	+	+	+	+	+	+	+	+	+				(L-3)	
Ellis, Thomas	82	100	+		+														93	???	+	+	+					+	+			B17,A28,A9	(L-3)	
Esteves-Kond	65	100	+	+	+	+				+									67	100	+	+	+	+		+		+			A69,A24	(F-3)		
Fotino, Maril	???	???	+	+	+	+	+	+			+								???	???	+	+	+	+	+	+	+	+	+	+		CW8,CW5	(L-3)	
Hamdi, Nuha D	38	100	+	+	+														49	100	+	+	+	+	+	+	+	+	+				(L-3)	
Han, Hoon Dr	38	???	+	+	+														56	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Harville/ACH	???	???	+	+	+	+	+	+		+	+								???	???	+	+	+	+	+	+	+	+	+	+		CW17	(L-3)	
Hogan, Patric	???	???	+	+	+	+	+				+								???	???	+	+	+	+	+	+	+	+	+	+		CW5	(L-3)	
Israel, Shosh	???	???	+	+	+														???	???	+	+	+										(L-3)	
Kamoun, Malek	45	???	+	+	+	+				+									45	???	+	+	+										(L-3)	
Klein, Tirza	50	100	+	+	+	+	+			+	+								48	100	+	+	+	+	+	+	+	+	+	+		6602,B78	(L-3)	
MacCann, Eile	50	???	+	+	+	+	+			+									???	???	+	+	+	+	+	+	+	+	+	+		A69	(L-3)	
Mah, Helen	???	???	+	+	+	+													???	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
McAlack-Bala	32	100	+	+	+	+	+												52	100	+	+	+	+	+	+	+	+	+	+			(L-3)	
Moore, S. Brea	11	???	+	+	+	+	+												22	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+			+									???	???	+	+	+	+	+	+	+	+	+	+		A24,B49,B45	(L-3)	
Paik, Young K	???	???	+	+	+	+	+	+		+									???	???	+	+	+	+	+	+						CW5,CW6	(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+		+	+								???	???	+	+	+	+	+	+	+	+	+	+		CW17,CW6	(L-3)	
Phelan, Donna	13	???	+	+	+	+	+	+		+									14	???	+	+	+	+	+	+	+	+	+	+		CW5,CW17	(L-3)	
Pidwell, Dian	???	???	+	+	+	+	+			+									???	???	+	+	+	+	+	+	+	+	+	+		CW17,CW6,A69>	(F-3)	
Rosen-Bronso	60	100	+	+	+	+	+			+									47	100	+	+	+	+	+	+	+	+	+	+		A23,A24,A69>	(F-3)	
Sage, Deborah	86	???	+		+	+				+									54	???	+	+	+	+	+	+	+	+	+	+		A23,A24,A69>	(L-3)	
Sinnott & Gu	???	???	+	+	+	+	+			+									???	???	+	+	+	+	+	+	+	+	+	+		A69,A24,A23>	(L-3)	
Smith/MI,	38	???	+	+	+	+	+	+		+	+								45	???	+	+	+	+	+	+	+	+	+	+		CW17	(L-3)	
Suciu-Foca, N	100	???	+	+	+	+			+	+									100	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Sullivan, Kar	28	???	+	+	+														18	???	+	+	+	+	+	+	+	+	+	+			(L-3)	
Turner, E.V.	???	???	+	+	+	+	+			+	+								???	???	+	+	+	+	+	+	+	+	+	+		CW5,CW17	(L-3)	
Ward & Osows	45	???	+	+	+	+	+	+		+	+								67	???	+	+	+	+	+	+	+	+	+	+		CW5	(LF-3)	

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

\*\*\* 37 TYPING LABS \*\*\*

A2	97%	1.000
B57	95%	1.000
B58	95%	1.000
B63	84%	1.000
B62	59%	1.000
B46	43%	1.000
A68	35%	1.000
CW10	35%	1.000
CW9	32%	1.000
CW18	32%	1.000
A69	22%	1.000
CW5	19%	1.000
CW17	19%	1.000
A24	14%	1.000
A23	11%	1.000
CW6	11%	1.000
B39	5%	1.000
B45	5%	1.000

\*\*\* 37 TYPING LABS \*\*\*

A2	100%	0.952
B57	95%	1.000
B58	92%	1.000
B63	92%	1.000
B55	84%	1.000
B56	78%	1.000
B54	76%	0.967
B42	62%	0.933
B7	43%	1.000
B81	32%	1.000
B27	27%	1.000
8201	22%	1.000
B82	11%	1.000
B22	8%	1.000
B67	8%	1.000
2708	5%	1.000
A28	5%	1.000
A68	5%	1.000
B76	5%	1.000

\*\*\* 37 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Luminex/Flow



	SERUM NO. 965				SERUM NO. 966						METHOD	
	%	%	A	B	%	%	B	B	B	B		B
	POS	8'S	2	7	8	3	5	5	6	5	2	
Baker, Judy	35	???	+	+	+		10	???	+	+		(4)
Dunn, Dale Dr	50	92	+	+	+	B47	23	100	+	+	+	(4)
Eckels/CPMC,	47	???	+			MULTI	20	???	+	+		(4)
Fotino, Maril	55	28	+	+	+		22	100	+	+		(4)
Hahn, Amy B.	47	100	+		+	A11, B17	17	50	+	+	+	B46 (4)
Klein, Jon MD	48	???	+	+	+		19	???	+	+	+	B62, B56 (4)
Mah, Helen	52	85	+	+			20	43	+	+		(4)
Paik, Young K	57	9	+	+	+		17	50	+	+	+	(4)
Smith/MI,	22	???	+	+	+		9	???	+	+		(4)
Suciu-Foca, N	49	67	+	+	+		25	57	+	+	+	A2 (4)
Ward & Osows	46	80	+	+	+		201	100	+	+		(4)

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

\*\*\* 11 TYPING LABS \*\*\*

A2	100%	0.986
B57	82%	0.879
B58	73%	0.882
B63	27%	0.875
B17	9%	1.000
B47	9%	1.000
MULTI	9%	1.000
A11	9%	0.786

\*\*\* 11 TYPING LABS \*\*\*

B57	100%	1.000
B58	100%	0.957
B63	27%	0.900
B22	18%	0.919
B55	18%	0.600
B56	9%	1.000
B62	9%	1.000
A2	9%	0.786
B46	9%	0.667

\*\*\* 11 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

	SERUM NO. 965				SERUM NO. 966								METHOD	
	% POS	% 8'S	A 2	B 5	B 5	B 6	B 7	B 3	B 5	A 2	B 7	B 5		B 4
Choo, Yoon MD	30	44	+	+	+									(5)
Cooper, E. Sh	90	???	+	+	+					+				(5)
Esteves-Kond	44	100	+	+	+	B44				+	+	+		(5)
Hahn, Amy B.	7	???	+	+	+					+	+	+	B81	(5)
Holdsworth, R	65	???	+	+	+	A23, A24, A28, B46, B62, B70				+	+	+	B27, B42	(5)
McAlack, Robe	10	100	+	+	+	A25, A68				+	+		A1	(5)
Paik, Young K	30	47	+			B17				+			B17, B22	(5)
Sullivan, Kar	28	???	+	+	+					+	+	+		(5)

\*\*\*\*\* SERUM NO. 965 \*\*\*\*\* SERUM NO. 966 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

A2	100%	0.933
B57	88%	1.000
B58	88%	1.000
B63	25%	1.000
A25	13%	1.000
A68	13%	1.000
B17	13%	1.000
B44	13%	1.000
B46	13%	1.000
B62	13%	1.000
A24	13%	0.714
B70	13%	0.656
A28	13%	0.500
A23	13%	0.400

\*\*\* 8 TYPING LABS \*\*\*

B57	88%	1.000
B58	88%	1.000
B63	63%	1.000
B55	63%	0.875
A2	63%	0.825
B56	38%	0.833
B7	38%	0.800
B54	25%	1.000
A1	13%	1.000
B17	13%	1.000
B81	13%	1.000
B22	13%	0.625
B42	13%	0.500
B27	13%	0.333

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Elisa



\*\*\* 55 TYPING LABS \*\*\*

A2	95%	0.947
A68	67%	0.950
A69	53%	0.972
B62	45%	1.000
B57	42%	0.897
B63	38%	0.929
A24	38%	0.867
B75	35%	1.000
B13	27%	0.764
B76	18%	1.000
B77	18%	1.000
A23	16%	0.875
A28	15%	0.913
B58	15%	0.857
B46	5%	1.000
A36	4%	1.000
B17	4%	1.000
B37	4%	1.000
B53	4%	1.000
B55	4%	1.000
B56	4%	1.000
B59	4%	1.000
B71	4%	1.000
B72	4%	1.000
B15	4%	0.917
A11	4%	0.700

\*\*\* 55 TYPING LABS \*\*\*

B35	89%	0.894
B53	71%	0.932
B51	65%	0.863
B52	47%	0.818
B62	35%	0.906
B18	31%	0.875
B78	29%	1.000
A25	25%	0.952
B75	25%	0.938
A34	22%	1.000
B49	22%	1.000
B77	18%	1.000
B58	18%	0.889
A26	16%	0.867
B57	16%	0.727
B5	13%	0.912
A66	11%	1.000
A23	11%	0.941
B71	11%	0.900
A68	11%	0.833
B63	11%	0.727
B37	9%	1.000
A24	9%	0.774
B15	9%	0.684
B17	5%	1.000
B70	5%	1.000
B72	5%	1.000
???	4%	1.000
A10	4%	1.000
B21	4%	1.000
B38	4%	1.000
B50	4%	1.000
A2	4%	0.893
A32	4%	0.889
A28	4%	0.857

Methods:

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

\*\*\* 55 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

	SERUM NO. 967										SERUM NO. 968										METHOD				
	%	%	A	B	B	B	B	B	A	A	A	%	%	B	B	B	B	B	B	A		A			
	POS	8'S	2	7	1	5	4	7	3	9	8	3	POS	8'S	5	2	1	3	7	5	7	8	6	4	
Claas, F.H.J.	58	80	+										33	50	+					+		+			(1)
Dunckley, Hea	15	73	+			+	+						17	18	+	+	+								(1)
Esteves Kond	2	???								???			12	???									???		(1)
Foxcroft, Z.K	45	95	+	+	+			+	+	+	+	+	33	58	+	+	+	+	+		+		+	+	(1)
Hogan, Patric	30	42	+										7	50	+	+	+	+							(1)
Permpikul &	35	64	+										13	67	+	+	+								(1)

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

A2	83%	0.905
???	17%	1.000
A69	17%	1.000
B37	17%	1.000
B71	17%	1.000
B77	17%	1.000
B13	17%	0.833
A68	17%	0.750
A33	17%	0.667
B45	17%	0.500
B44	17%	0.300

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

B35	83%	0.581
B52	67%	0.571
B51	67%	0.538
B53	33%	0.857
???	17%	1.000
A66	17%	1.000
B5	17%	1.000
B18	17%	1.000
B37	17%	1.000
B77	17%	1.000
A24	17%	0.583

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

	SERUM NO. 967										SERUM NO. 968										METHOD		
	%	%	A	B	A	A	A	A			%	%	B	B	B	B	B	B	B	B			
	POS	8'S	2	8	2	8	6	4	1	1	POS	8'S	3	5	2	1	5	7	5	9	8		
Dunn, Paul Ph	39	100	+								20	100	+	+	+								(2)
Lardy, N.M. D	65	100	+	+	+						39	100	+	+	+	+	+			+			(2)
Pidwell, Dian	68	100	+			+	+	+	+	+	38	100	+	+	+	+		+					(2)
Suciu-Foca, N	64	81	+	+							32	25	+	+					+		+		(2)
Tagliere, Jac	30	50	+								21	100	+				+						(2)

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

A2	100%	0.909
A28	40%	0.902
A1	20%	1.000
A36	20%	1.000
A68	20%	1.000
B62	20%	1.000
A24	20%	0.667
A11	20%	0.600

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

B35	80%	0.958
B53	80%	0.908
B51	60%	1.000
B52	60%	0.800
B75	40%	0.750
B18	20%	1.000
B49	20%	1.000
B5	20%	0.889
B57	20%	0.400

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

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 967										SERUM NO. 968										METHOD						
	%	%	A 6	A 8	B 6	B 9	B 7	B 5	B 7	A 1	B 2	B 6	B 7	%	%	B 3	B 5	B 5	B 6	B 7		B 5	B 7	B 1	B 7	B 4	
Alvarez & Ca	56	100	+	+	+									A29, A11	46	66	+	+	+			+				B15	(F-3)
Baker, Judy	58	???	+	+	+	+	+	+	+	+	+	+	+	A23	60	???	+	+	+			+		+	+	B37, B38, B50>	(L-3)
Berka, Noured	70	???	+	+	+									A30	90	???	+	+	+			+				A2, B58, B57, A68>	(L-3)
Burger, Joe	26	100	+	+	+	+	+	+	+	+	+	+	+	B77	26	100	+	+	+	+	+	+	+	+	+	B72	(L-3)
Cantwell, Lin	???	???	+	+	+	+	+	+	+					B77	???	???	+	+	+	+	+			+	+	B58, B57	(L-3)
Cohen, Jacques	58	???				+	+							B53, B35, B18>	75	???	+	+	+			+		+	+	B50, B37	(L-3)
Darke, Christ	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	B71	(L-3)
Dunn, Paul Ph	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+		+	+	+			+	B71, B50	(L-3)
Eckels/CPMC,	74	???	+	+	+	+								A23, 2403	89	???	+	+	+			+		+		B37, B38, B56>	(LF-3)
Elkhalifa MD	44	???	+	+	+									B58, B81	78	???	+	+				+				A68, A25, A26>	(L-3)
Ellis, Thomas	75	???												A28, B17, A9	88	???	+	+								B5, B17, B37, B15>	(L-3)
Esteves-Kond	77	85	+	+	+									B58, A23	88	67	+	+								A23, A24, A25>	(F-3)
Fotino, Maril	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	B38, B71	(L-3)
Hamdi, Nuha D	58	100	+	+	+									B53, B37, B48>	56	100	+	+					+			CW4, A36, CW16>	(L-3)
Han, Hoon Dr	64	???	+	+	+									B58, B59, B46	78	???	+	+								A23, A68, B58	(L-3)
Harville/ACH	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	B38, B71	(L-3)
Hogan, Patric	???	???	+	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B72	(L-3)
Israel, Shosh	???	???	+	+	+	+	+	+	+	+	+	+	+		???	???	+	+				+	+	+	+	A34, A66, A25>	(L-3)
Kamoun, Malek	58	???	+	+	+									B58	87	???	+	+	+	+					+	A10, A9, A68, B5>	(L-3)
Klein, Tirza	60	100	+	+	+									A23, A36, B55>	74	???	+	+	+			+	+	+	+	B37, 6602, A34>	(L-3)
MacCann, Eile	???	???	+	+	+	+	+	+	+	+	+	+	+	A23, B70	???	???	+	+	+	+	+	+	+	+	+	B70	(L-3)
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	B63, B76	(L-3)
McAlack-Bala	54	100	+	+	+	+	+	+	+	+	+	+	+	B50	82	100	+	+	+	+	+	+	+	+	+	B72	(L-3)
Moore, S. Brea	23	???	+	+	+									B77	51	???	+	+	+	+				+	+	B57, A25	(L-3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	A34, B50	(L-3)
Paik, Young K	???	???	+	+	+	+	+	+	+	+	+	+	+	B55	???	???	+	+				+	+	+	+	B37, B38, B50>	(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	???	???	+	+	+	+	+	+	+	+	+	B63, B57	(L-3)
Phelan, Donna	18	???	+	+	+	+								B55	47	???	+							+	+	A10, A9, A28, A32>	(L-3)
Pidwell, Dian	???	???	+	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B71, B56	(F-3)
Rosen-Bronso	62	100	+	+	+	+	+	+	+	+	+	+	+		81	100	+	+	+	+	+	+	+	+	+	A25, A34, A24>	(F-3)
Sage, Deborah	62	???	+	+	+									A23, B71, B72	94	???	+	+	+	+						A23, A24, A25>	(L-3)
Sinnott & Gu	???	???	+	+	+									A23, B58	???	???	+	+	+	+	+	+	+	+	+	B57, B58, B37	(L-3)
Smith/MI,	58	???	+	+	+	+	+	+	+	+	+	+	+	B77	82	???	+	+	+	+	+	+	+	+	+	B38, B71	(L-3)
Suciu-Foca, N	???	100	+	+	+	+								B77	???	100	+	+	+	+	+	+	+	+	+	B38, B71	(L-3)
Sullivan, Kar	25	???	+	+	+									B15	13	???	+	+	+	+				+	+	A25, B5, B70, B21>	(L-3)
Turner, E.V.	???	???	+	+	+	+								B77, A23	???	???	+	+	+	+	+	+	+	+	+	B76, B57, B58	(L-3)
Ward & Osows	73	???	+	+	+	+	+	+	+	+	+	+	+	B77	87	???	+	+	+	+	+	+	+	+	+	B38, B71	(LF-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

\*\*\* 37 TYPING LABS \*\*\*

A68	97%	1.000
A2	97%	0.981
A69	89%	0.974
B62	78%	1.000
B75	68%	1.000
B13	68%	0.964
B57	68%	0.933
A24	68%	0.918
B63	59%	1.000
B76	49%	1.000
B77	38%	1.000
A23	22%	1.000
B58	14%	1.000
B55	8%	1.000
B46	5%	1.000
B53	5%	1.000
B59	5%	1.000

\*\*\* 37 TYPING LABS \*\*\*

B35	97%	0.966
B53	84%	1.000
B51	76%	1.000
B62	59%	1.000
B52	57%	1.000
B78	57%	1.000
B75	49%	1.000
B18	46%	1.000
B49	38%	1.000
B77	38%	1.000
B71	27%	1.000
B38	24%	1.000
A25	22%	1.000
A34	22%	1.000
B57	22%	0.917
B37	19%	1.000
B58	19%	1.000
A26	16%	1.000
A68	14%	1.000
B50	14%	1.000
B56	14%	1.000
A23	11%	1.000
B5	11%	1.000
B15	11%	0.875
A10	8%	1.000
A24	8%	1.000
A66	8%	1.000
B63	8%	1.000
B72	8%	1.000
A9	5%	1.000
A28	5%	1.000
A32	5%	1.000
B21	5%	1.000
B70	5%	1.000
B76	5%	1.000

\*\*\* 37 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Luminex/Flow

	%		A B A A B B B B								B B B B B B B								METHOD			
	POS	8'S	2	8	2	9	8	5	3	8	7	5	3	1	8	2	3	5		8		
Baker, Judy	10	???			+					+											(4)	
Dunn, Dale Dr	50	75	+	+		+	+														(4)	
Eckels/CPMC,	32	???	+																		(4)	
Fotino, Maril	52	100	+	+																	(4)	
Hahn, Amy B.	55	100	+				+														(4)	
Klein, Jon MD	58	???	+	+	+	+			+	+	+	+									(4)	
Mah, Helen	50	31	+																		(4)	
Paik, Young K	???	5	+	+		+			+	+	+										(4)	
Smith/MI,	33	???	+	+																	(4)	
Suciu-Foca, N	47	46	+		+		+													+	+	(4)
Ward & Osows	50	90	+	+																		(4)

\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

\*\*\* 11 TYPING LABS \*\*\*

A2	91%	0.955
A68	55%	0.867
A69	27%	1.000
A28	27%	0.958
B62	27%	0.950
B75	18%	1.000
B58	18%	0.800
B57	18%	0.667
B63	18%	0.667
B17	9%	1.000
B15	9%	0.909
A24	9%	0.750

\*\*\* 11 TYPING LABS \*\*\*

B35	82%	0.980
B53	64%	0.959
B51	45%	0.923
B52	27%	0.714
B58	27%	0.600
B5	18%	1.000
B18	18%	0.714
B63	18%	0.571
???	9%	1.000
B17	9%	1.000
B21	9%	1.000
B49	9%	1.000
B75	9%	1.000
B77	9%	1.000
A2	9%	0.842
B57	9%	0.667
B71	9%	0.667
B15	9%	0.545
B62	9%	0.400

\*\*\* 11 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Antiglobulin



\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

	% POS 8'S		SERUM NO. 967								% POS 8'S		SERUM NO. 968								METHOD			
	%	POS	A	A	B	A	B	B	A	A	%	POS	B	B	A	B	B	B	B	B		A		
Choo, Yoon MD	28	0	+	+							23	0										A68	(5)	
Cooper, E. Sh	58	???	+			+			+	+	40	???	+	+	+	+					+	+		(5)
Esteves-Kond	69	22	+	+	+	+					100	0	+	+	+	+							B49, BW6	(5)
Hahn, Amy B.	10	???	+	+	+	+		+	+		27	???	+	+	+	+	+	+	+	+			B21, B38	(5)
Holdsworth, R	88	???	+		+	+		+	+	+	93	???	+		+		+				+		A23, A24, A28>	(5)
McAlack, Robe	8	0	+	+	+		+				51	0	+		+	+	+		+				B47, B59, B63	(5)
Paik, Young K	20	0	+	+						B15	16	0	+	+									B5	(5)
Sullivan, Kar	25	???	+	+	+						13	???	+	+	+			+		+				(5)

\*\*\*\*\* SERUM NO. 967 \*\*\*\*\* SERUM NO. 968 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

A2	100%	0.735
A68	75%	0.895
A69	50%	1.000
B57	38%	1.000
A24	38%	0.917
B62	25%	1.000
A28	25%	0.857
A23	25%	0.667
B13	25%	0.667
A9	13%	1.000
B46	13%	1.000
B55	13%	1.000
B56	13%	1.000
B63	13%	1.000
B75	13%	1.000
B15	13%	0.583
B58	13%	0.500

\*\*\* 8 TYPING LABS \*\*\*

B35	88%	0.941
A25	63%	0.900
B53	63%	0.800
B51	50%	1.000
B52	38%	1.000
B18	38%	0.600
B62	25%	1.000
B78	25%	1.000
A26	25%	0.667
B75	25%	0.667
A34	13%	1.000
A66	13%	1.000
BW6	13%	1.000
B21	13%	1.000
B38	13%	1.000
B47	13%	1.000
B49	13%	1.000
B59	13%	1.000
B63	13%	1.000
A24	13%	0.846
A28	13%	0.833
A23	13%	0.800
A32	13%	0.800
A68	13%	0.400
B5	13%	0.167

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: OCT 8 2008 \*\*\*\*\*

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #425 A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*010101	*020101	*370101	*4052	*03	*06	
4691	Ali, M. Ashraf	*01	*02	*37	*40	*03	*06	SSOP
2300	Allegheny Ge	*01	*02	*37	*40	*03	*06	SSP
745	Anthony Nola	*01010101	*0201/01L	*370101	*4052	*030401	*060201	SSO, SSP, SBT
5133	Baker, Judy	*010101	*020101	*370101	*4052	*0304	*0602	SSP, SBT
2020	Barnardo, Mar	*0101/04N/22N	*0201/09/43N/66+	*370101	*4052	*0304	*0602	SSP, SBT
4345	Blasczyk, Rai	*0101/01N/04N/22N	*0201/01L/09/43N+	*3701	*4052	*0304	*0602	PCR-SBT
5106	Brown, Colin	*01	*02	*3701/03N	*4052	*0304/05/09/17+	*0602/07/12+	PCR-SSOP, SBT
785	Chan, Soh Ha	*0101/04N/14/22N	*0201/*9201/21	*370101	*4052	*0304/07/35	*0602/14/11	
3224	Chen, Dongfen	*0101	*0201	*3701	*4052	*0304	*0602	SBT, SSO
3625	Darke, Christ	*0101	*0201	*3701	*4052	*0304	*0602	PCR-SSP, SBT
1108	Davis, Mary	*0101	*0201	*3701	*4052	*0304	*0602	SSO, SSP
5891	Du, Keming	*0101	*0201	*3701	*4052			
3186	Dunckley, Hea	*01	*02	*37	*4038/52/59/60	*0304-06/08-10+	*06	
3766	Dunn, Paul	*01	*02	*3701/03N	*4052	*03	*06	PCR-SSO, SSP
3428	Eckels/Utah	*01	*02	*3701/03N	*4052			SSOP
4251	Ellis, Thomas	*0101	*0201	*3701	*4052	*0304	*0602	PCR-SSO, SEQ
762	Fischer&Mayr	*0101/01N/04N	*0201/09	*3701	*4052	*0304	*0602	SBT, SSO, SSP
3135	Fischer, John	*0101	*0201	*3701	*4052	*0304	*0602	SBT, PCR-SSO
729	Fotino, Maril	*01	*02	*37	*40	*03	*06	SSP, SSOP
810	Hamdi, Nuha	*01010101	*02010101	*3701/03N	*4052	*030401	*0602/10-16N	SSO
1461	Hidajat, Mela	*0101	*0201	*3701	*4052	*0304	*0602	SSO, SSP
615	Holdsworth, R	*0101/01N/04N/22N	*0201/09/43N/66+	*3701	*4052	*0304	*0602	SBT
2344	Hurley&Hartz	*01010101/010102N	*02010101/010102L	*370101	*4052	*030401/0403	*06020101+	SBT
797	Kato, Shunich	*0101	*0201/01L	*3701	*4052	*0304/07	*0602/11	SSO, SBT
87	Land, Geoff	*0101	*0201	*3701	*4052	*0304	*0602	SBT, SSP
278	Lee, Jar-How	*0101/11N/16N/18N+	*0201/24/66/94N+	*3701	*4052	*0304/23/24	*0602/10/12+	SSP, RVSSOP
640	Lee, Kyung Wh	*0101/04N/14/22N	*0201/09/43N/66+	*3701	*4052	*0304/07/35	*0602/11/14	PCR-SBT
9916	McIntyre, Joh	*01010101	*02010101	*370101	*4052	*0304/47/48	*0602	PCR-SSP, SBT
8021	Montague, Bri	*0101/02/04N+	*02	*3701/03N-05+	*4038/52/59/60	*0302/04-06+	*0602/03/07+	PCR-SSP
5323	Murad, Shahna	*01	*02	*37	*40	*0317	*06	PCR-SSP
733	Mytilineos, J	*01	*02	*37	*40	*03	*06	SSO
8022	Olerup, Olle	*0101	*0201	*3701	*4052	*0304	*0602	SSP
8000	Pahl, Armin	*01	*02	*37	*40			SSO
3648	Pereira, Noem	*01	*02	*37	*40	*03	*06	RVSSO
3966	Permpikul&Ve	*01	*0201	*3701	*40	*0304	*0602	PCR-SSP
2400	Phelan, Donna	*0101	*0201	*3701	*4052	*0304	*0602	RVSSO, SSP
3753	Reed, Elaine	*0101/14/*3604	*0201/36/*9201	*3701	*4052	*0304/07/35	*0602/11/14	SBT
1694	Sauer&Guttwa	*01	*02	*37	*40	*03	*06	SSP
3545	Scornik, Juan	*0101	*0201	*370101	*4052	*030401	*0602	RVSSOP, SBT
5096	Seoul Red Cr	*01	*02	*37	*40			PCR-SSO
8042	Shainberg, Br	*0101	*0201	*3701	*4052	*0304	*0602	
735	Smith/MI	*01	*02	*37	*40	*03(Cw10)	*06	RVSSOP
740	Snider, Denis	*0101	*0201	*3701	*4052	*0304	*0602	SSP
746	Stamm, Luz	*0101	*0201	*3701	*4052	*0304	*0602	RVSSOP, SSP
13	Tagliere, Jac	*0101	*0201	*3701	*4052	*0304	*0602	SSP
4021	Trachtenberg	*01	*02	*37	*4052	*03	*06	RVSSOP, SSP
5462	Turner, E.V.	*0101	*0201	*3701	*4052	*0304	*0602	SSO, SSP, SEQ

INVESTIGATOR		DNA EXTRACT #426 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*020101		*4409	*5001	*050101/07N		
4691	Ali, M. Ashraf	*02	*02	*44/*45	*50	*05	*05	SSOP
2300	Allegheny Ge	*02		*44	*50	*05		SSP
745	Anthony Nola	*0201/01L		*4409	*5001	*050101		SSO, SSP, SBT
5133	Baker, Judy	*020101		*4409	*5001	*0501/03		SSP, SBT
2020	Barnardo, Mar	*0201/09/43N/66/75/83N/89/97/*9232+		*4409	*5001	*0501/03		SSP, SBT
4345	Blasczyk, Rai	*0201/01L/09/43N/66/75/83N/89/97+		*4409	*5001	*0501/03		PCR-SBT
5106	Brown, Colin	*02		*4409	*5001/02	*05		PCR-SSOP, SBT
785	Chan, Soh Ha	*0201/09/43N/66/75/83N/89/97/*9221+		*4409	*5001	*0501/03		
3224	Chen, Dongfen	*0201		*4409	*5001	*0501		SBT, SSO
3625	Darke, Christ	*0201		*4409	*5001	*0501		PCR-SSP, SBT
1108	Davis, Mary	*0201		*4409	*5001	*0501		SSO, SSP
5891	Du, Keming	*0201	*0201	*4409	*5001			
3186	Dunckley, Hea	*02		*44	*50	*05		
3766	Dunn, Paul	*02		*4409	*5001	*05		PCR-SSO, SSP
3428	Eckels/Utah	*02	*02	*4409/11	*5001			SSOP
4251	Ellis, Thomas	*0201	*0201	*4409	*5001	*0501	*0501	PCR-SSO, SEQ
762	Fischer&Mayr	*0201/09		*4409	*5001	*0501/03		SBT, SSO, SSP
3135	Fischer, John	*0201		*4409	*5001	*0501		SBT, PCR-SSO
729	Fotino, Maril	*02		*44	*50	*05		SSP, SSOP
810	Hamdi, Nuha	*02010101	*02010101	*4409	*5001	*050101	*050101	SSO
1461	Hidajat, Mela	*0201	*0201	*4409	*5001	*0501	*0501	SSO, SSP
615	Holdsworth, R	*0201/09/43N/66/75/83N/89/97/*9232+		*4409	*5001	*0501/03		SBT
2344	Hurley&Hartz	*02010101/010102L	*02010101/010102L	*4409	*5001	*050101/0104/03	*050101/0104+	SBT
797	Kato, Shunich	*0201/01L		*4409	*5001	*0501/03		SSO, SBT
87	Land, Geoff	*0201	*0201	*4409	*5001	*0501	*0501	SBT, SSP
278	Lee, Jar-How	*0201/24/66/94N-97		*4409	*5001	*0501/07N/09/13/14		SSP, RVSSOP
640	Lee, Kyung Wh	*0201/09/49N/66/75/83N/89/97/*9232+		*4409	*5001	*0501		PCR-SBT
9916	McIntyre, Joh	*020101		*4409	*5001	*0501/18/19	*0501/19	PCR-SSP, SBT
8021	Montague, Bri	*02		*4409	*5001/04	*0501-07+		PCR-SSP
5323	Murad, Shahna	*02		*44	*50	*05		PCR-SSP
733	Mytilineos, J	*02		*44	*5001	*05		SSO
8022	Olerup, Olle	*0201		*4409	*5001	*0501		SSP
8000	Pahl, Armin	*02		*44	*50			SSO
3648	Pereira, Noem	*02		*44	*50	*05		RVSSO
3966	Permpikul&Ve	*0201		*44	*5001	*0501		PCR-SSP
2400	Phelan, Donna	*0201		*4409	*5001	*0501		RVSSO, SSP
3753	Reed, Elaine	*0201		*4409	*5001	*0501		SBT
1694	Sauer&Guttwa	*02		*4409	*5001	*05		SSP
3545	Scornik, Juan	*0201		*4409	*5001	*050101		RVSSOP, SBT
5096	Seoul Red Cr	*02	*02	*44	*50			PCR-SSO
8042	Shainberg, Br	*0201		*4409	*5001	*0501		
735	Smith/MI	*02		*44	*50	*05		RVSSOP
740	Snider, Denis	*0201		*4409	*5001	*0501		SSP
746	Stamm, Luz	*0201		*4409	*5001	*0501		RVSSOP, SSP
13	Tagliere, Jac	*020101		*4409	*5001	*0501		SSP
4021	Trachtenberg	*02		*4409	*5001/04	*05		RVSSOP, SSP
5462	Turner, E.V.	*0201		*4409	*5001	*0501		SSO, SSP, SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #427 A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*2417	*300101	*130201	*1502	*06	*08	
4691	Ali, M. Ashraf	*24	*30	*13	*15	*06	*08	SSOP
2300	Allegheny Ge	NT						
745	Anthony Nola	*2417	*300101	*130201	*1502	*060201	*080101	SSO, SSP, SBT
5133	Baker, Judy	*2417	*300101	*130201	*1502	*0602	*0801	SSP, SBT
2020	Barnardo, Mar	*2417	*3001/24	*1302/09	*1502/89	*0602	*0801	SSP, SBT
4345	Blasczyk, Rai	*2417	*3001/24	*1302	*1502	*0602	*0801	PCR-SBT
5106	Brown, Colin	*2417	*3001	*1302/08/09	*1502/89	*0602/07/09/13+	*0801/08/11	PCR-SSOP, SBT
785	Chan, Soh Ha	*2417	*3001/24	*1302/09	*1502/89	*0602/09/11	*0801/10/11	
3224	Chen, Dongfen	*2417	*3001	*1302	*1502	*0602	*0801	SBT, SSO
3625	Darke, Christ	*2417	*3001	*13	*1502/21/44/88	*0602	*0801	PCR-SSP, SBT
1108	Davis, Mary	*2417	*3001	*1302	*1502	*0602	*0801	SSO, SSP
5891	Du, Keming	*2402	*3001	*1302	*1502			
3186	Dunckley, Hea	*24	*30	*13	*1502/21/44	*06	*08	
3766	Dunn, Paul	*24	*30	*1302/08Q	*1502/*9512	*06	*0801/08/11	PCR-SSO, SSP
3428	Eckels/Utah	*24	*30	*1302/08Q	*1502/*9512			SSOP
4251	Ellis, Thomas	*2417	*3001	*1302	*1502	*0602	*0801	PCR-SSO, SEQ
762	Fischer&Mayr	*2417	*3001	*1302	*1502	*0602	*0801	SBT, SSO, SSP
3135	Fischer, John	*2417	*3001	*1302	*1502	*0602	*0801	SBT, PCR-SSO
729	Fotino, Maril	*24	*30	*13	*15	*06	*08	SSP, SSOP
810	Hamdi, Nuha	*240204	*300101	*130201	*1502	*0611	*0810	SSO
1461	Hidajat, Mea	*2417	*3001/20	*1302	*1502	*0602	*0801	SSO, SSP
615	Holdsworth, R	*2417	*3001/24	*1302	*1502	*0602	*0801	SBT
2344	Hurley&Hartz	*2417	*300101/0102/24	*130201	*1502	*06020101/020102+	*080101	SBT
797	Kato, Shunich	*2417	*3001	*1302	*1502	*0602/09	*0801/11	SSO, SBT
87	Land, Geoff	*2417	*3001	*1302	*1502	*0602	*0801	SBT, SSP
278	Lee, Jar-How	*2417	*3001	*1302	*1502	*0602	*0801	SSP, RVSSOP
640	Lee, Kyung Wh	*2417	*3001/24	*1302/09	*1502/89	*0602/09/11	*0801/10/11	PCR-SBT
9916	McIntyre, Joh	*2417	*300101	*130201	*1502	*0602/15/16N	*0801	PCR-SSP, SBT
8021	Montague, Bri	*2402/03/07+	*3001-0202/08-10+	*1301-03/06-08+	*1502/44/88/*9521	*0602/03/07+	*0801/03/06+	PCR-SSP
5323	Murad, Shahna	*24	*30	*13	*15	*06	*08	PCR-SSP
733	Mytilineos, J	*24	*30	*13	*15	*06	*08	SSO
8022	Olerup, Olle	*2417	*3001	*1302	*1502	*0602	*0801	SSP
8000	Pahl, Armin	*24	*30	*13	*15			SSO
3648	Pereira, Noem	*24	*30	*13	*15	*06	*08	RVSSO
3966	Permpikul&Ve	*2417	*3001	*13	*1502	*0602	*0801	PCR-SSP
2400	Phelan, Donna	*2417	*3001	*1302	*1502	*0602	*0801	RVSSO, SSP
3753	Reed, Elaine	*2417	*3001	*1302/09	*1502/89	*0602/09/11	*0801/10/11	SBT
1694	Sauer&Guttwa	*24	*30	*13	*15	*06	*08	SSP
3545	Scornik, Juan	*2417	*300101	*130201	*1502	*0602	*080101	RVSSOP, SBT
5096	Seoul Red Cr	*24	*30	*13	*15			PCR-SSO
8042	Shainberg, Br	*2417	*3001	*1302	*1502	*0602	*0801	
735	Smith/MI	*24	*30	*13	*15(B75)	*06	*08	RVSSOP
740	Snider, Denis	*2417	*3001	*1302	*1502	*0602	*0801	SSP
746	Stamm, Luz	*2417	*3001	*1302	*1502	*0602	*0801	RVSSOP, SSP
13	Tagliere, Jac	*2417	*3001	*1302	*1502	*0602	*0801	SSP
4021	Trachtenberg	*24	*30	*13	*15	*06	*08	RVSSOP, SSP
5462	Turner, E.V.	*2417	*3001	*1302	*1502	*0602	*0801	SSO, SSP, SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #428 (Filipino)	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon		*240201	*2437	*1535	*510102	*04	*070201	
4691	Ali, M. Ashraf		*24	*24	*15	*51	*04	*07	SSOP
2300	Allegheny Ge		NT						
745	Anthony Nola		*24020101	*2437	*1535	*510102	*040101	*0702/50	SSO, SSP, SBT
5133	Baker, Judy		*2402	*2437	*1535	*5101	*0401/09N/28/30	*0702/50	SSP, SBT
2020	Barnardo, Mar		*2402/09N/11N/40N+	*2437	*1535	*510102	*0401/04/09N/28+	*0702/50	SSP, SBT
4345	Blasczyk, Rai		*2402/02L/09N/11N+	*2437	*1535	*5101	*0401/09N/28/30	*0702/50	PCR-SBT
5106	Brown, Colin		*2402	*2437	*1535	*5101	*0401/04	*0702/37	PCR-SSOP, SBT
785	Chan, Soh Ha		*2402/09N/11N/40N+	*2437	*1535	*510102	*0401/04/09N/28+	*0702/37/50+	
3224	Chen, Dongfen		*2402	*2437	*1535	*5101	*0401/09N/30	*0702/50	SBT, SSO
3625	Darke, Christ				*1535	*5101	*0401/28/30	*0702	PCR-SSP, SBT
1108	Davis, Mary		*2402	*2429/30/37/42	*1535	*5101	*0401	*0702	SSO, SSP
5891	Du, Keming		*2402	*2402	*1504	*5101			
3186	Dunckley, Hea		*24		*1501/04/05/07+	*51	*04	*07	
3766	Dunn, Paul		*24		*1535/*9529	*5101/43	*04	*07	PCR-SSO, SSP
3428	Eckels/Utah		*24	*24	*1504/35/*9518/29	*5101/43			SSOP
4251	Ellis, Thomas		*2402	*2437	*1535	*5101	*0401/30	*0702/50	PCR-SSO, SEQ
762	Fischer&Mayr		*24		*1535	*5101/11N	*0401/09N	*0702	SBT, SSO, SSP
3135	Fischer, John		*2402	*2437	*1535	*5101	*0401/09N	*0702	SBT, PCR-SSO
729	Fotino, Maril		*24		*15	*51	*04	*07	SSP, SSOP
810	Hamdi, Nuha		*24020101	*24020101	*1504	*510102	*04010101	*07020101	SSO
1461	Hidajat, Mela		*2402/37/76	*2437	*1535	*5101	*0401	*0702	SSO, SSP
615	Holdsworth, R		*2402/09N/11N/40N+	*2437	*1535	*5101	*0401/09N/58/30	*0702/50	SBT
2344	Hurley&Hartz		*24020101/020102L	*2437	*1535	*510102	*04010101/010102+	*07020101+	SBT
797	Kato, Shunich		*2402	*2437	*1535	*5101	*0401/09N	*0702	SSO, SBT
87	Land, Geoff		*2402	*2437	*1535	*5101	*0401	*0702	SBT, SSP
278	Lee, Jar-How		*2402/64	*2437	*1535	*5101	*0401	*0702	SSP, RVSSOP
640	Lee, Kyung Wh		*2402/09N/11N/40N+	*2437	*1535	*5101	*0401/04/09N/28+	*0702/37/50	PCR-SBT
9916	McIntyre, Joh		*24020101	*2437	*1535	*510102	*0401/28/30/31	*0702/54	PCR-SSP, SBT
8021	Montague, Bri		*24		*150101/0103+	*510101-0103+	*0401/03-10+	*0702/03/10+	PCR-SSP
5323	Murad, Shahna		*24		*(B62)	*51	*04	*07	PCR-SSP
733	Mytilineos, J		*24		*15	*51	*04	*07	SSO
8022	Olerup, Olle			*2437	*1535	*5101	*0401	*0702	SSP
8000	Pahl, Armin		*24		*15	*51			SSO
3648	Pereira, Noem		*24		*15	*51	*04	*07	RVSSO
3966	Permpikul&Ve		*2402		*1535	*51	*0401	*0702	PCR-SSP
2400	Phelan, Donna		*2402	*2437	*1535	*5101	*0401	*0702	RVSSO, SSP
3753	Reed, Elaine		*2402	*2437	*1535	*5101	*0401/04/09N/30	*0702/37/50	SBT
1694	Sauer&Guttwa		*24		*15	*51	*04	*07	SSP
3545	Scornik, Juan		*2402	*2437	*1535	*510102	*0401/09N	*0702/50	RVSSOP, SBT
5096	Seoul Red Cr		*24	*24	*15	*51			PCR-SSO
8042	Shainberg, Br		*2402/37	*2437	*1535	*5101	*0401	*0702	
735	Smith/MI		*24		*15(B62)	*51	*04	*07	RVSSOP
740	Snider, Denis		*2437/02	*2437/02	*1535	*5101	*0401	*0702	SSP
746	Stamm, Luz		*2402/37	*2437	*1535	*510102	*0401	*0702	RVSSOP, SSP
13	Tagliere, Jac		*2402	*2437	*1535	*510102	*040101	*070201	SSP
4021	Trachtenberg		*24		*15	*51	*04	*07	RVSSOP, SSP
5462	Turner, E.V.		*2402	*2437	*1535	*5101	*0401	*0702	SSO, SSP, SEQ

## SUMMARY

Extract 425		Extract 426 (Caucasian)		Extract 427		Extract 428 (Filipino)	
<u>48 labs</u>		<u>48 labs</u>		<u>47 labs</u>		<u>46 labs</u>	
A*01	50%	A*02	48%	A*24	30%	A*24	54%
A*0101	36%	A*0201	40%	A*2402	2%	A*2402	33%
A*010101	6%	A*020101	10%	A*240204	2%	A*240201	4%
A*01010101	6%	A*02010101	2%	A*2417	66%	A*24020101	7%
A*01	98% TOTAL	A*02	100% TOTAL	A*24	100% TOTAL	A*24	98% TOTAL
A*02	50%			A*30	32%	A*24	39%
A*0201	40%			A*3001/24	13%	A*2402	2%
A*020101	6%			A*3001	42%	A*24020101	2%
A*02010101	4%			A*300101	13%	A*2437	57%
A*02	100% TOTAL			A*30	100% TOTAL	A*24	100% TOTAL
<u>48 labs</u>		<u>48 labs</u>		<u>47 labs</u>		<u>47 labs</u>	
B*37	27%	B*44	23%	B*13	36%	B*15	30%
B*3701/03N	8%	B*4409	73%	B*1302/09	9%	B*1504	4%
B*3701	48%	B*44	96% TOTAL	B*1302	40%	B*1535	66%
B*370101	17%			B*130201	15%	B*15	100% TOTAL
B*37	100% TOTAL	B*50	25%	B*13	100% TOTAL		
		B*5001	75%			B*51	34%
B*40	27%	B*50	100% TOTAL	B*15	32%	B*5101	45%
B*4052	73%			B*1502/89	11%	B*510102	21%
B*40	100% TOTAL			B*1502	57%	B*51	100% TOTAL
				B*15	100% TOTAL		
<u>44 labs</u>		<u>44 labs</u>		<u>43 labs</u>		<u>43 labs</u>	
Cw*03	43%	Cw*05	36%	Cw*06	45%	Cw*04	58%
Cw*0304	48%	Cw*0501/03	18%	Cw*0602	51%	Cw*0401/09N	9%
Cw*030401	7%	Cw*0501	39%	Cw*060201	2%	Cw*0401	26%
Cw*0317	2%	Cw*050101	7%	Cw*0611	2%	Cw*040101	5%
Cw*03	100% TOTAL	Cw*05	100% TOTAL	Cw*06	100% TOTAL	Cw*04010101	2%
						Cw*04	100% TOTAL
Cw*06	46%			Cw*08	40%		
Cw*0602	52%			Cw*0801	51%	Cw*07	37%
Cw*060201	2%			Cw*080101	7%	Cw*0702/50	19%
Cw*06	100% TOTAL			Cw*0811	2%	Cw*070201/50	2%
				Cw*08	100% TOTAL	Cw*0702	35%
						Cw*070201	5%
						Cw*07020101	2%
						Cw*07	100% TOTAL

INVESTIGATOR	CELL NO.1337 (Hispanic)							method
CTR	NAME	A1	A2	B1	B2	C1	C2	
745	Anthony Nola	*0201	*6803	*3543	*3908	*010201	*0717	SSO, SSP, SBT
2020	Barnardo, Mar	*0201/09/43N/66+	*680301	*3543/67/79	*3908	*0102	*0717	SSP, SBT
5106	Brown, Colin	*02	*6803	*3543	*3908	*0102/05/07/12	*0717	PCR-SSOP, SBT
4492	Charron, D.	*02	*68	*35	*39			
798	Claas, F.H.J.	*020101	*680301	*3543	*3908	*0102	*0717	SBT, SSP
3632	Colombe, Beth	*0201	*6803	*3543	*3908	*0102	*0717	SSP
3904	Cooper, Shann	*02	*68	*3543	*3908	*01	*07	PCR-SSP
5130	Costeas, Paul	*0201	*6803	*3543	*3908	*0102	*0717	SSP
779	Daniel, Claud	*02	*68	*3543/44/67	*39	*01	*07	PCR-SSP
3625	Darke, Christ	*0201//*0290	*6803//*6805	*3543	*3908	*0102	*0717	SBT, PCR-SSP
4269	Dormoy, Anne	*020101	*680301	*3543	*3908	*010201	*0717	PCR-SSP, SBT
3186	Dunckley, Hea	*02	*68	*35	*39	*01	*07	SSP
3766	Dunn, Paul	*02	*6803	*3543/67/79	*3908	*01	*0703/17/23	SSO
856	Dupont, Bo	*0201	*6803/24	*3543/67	*3902/08/13/23	*0102/06-08/11+	*0702/10/17/19/23+	RVSSO
5214	Eckels/CPMC	*02	*6803	*35	*3908	*01	*07	SSOP
2332	Elkhalifa, Mo	*02	*68	*35	*39	*01	*07	RVSSO
4251	Ellis, Thomas	*0201	*6803	*3543	*3908	*0102	*0717	PCR-SSO, SEQ
762	Fischer&Mayr	*0201/09	*6803	*3543/67/79	*3908	*0102	*0717	SBTex1-3, SSO
729	Fotino, Maril	*02	*68	*35	*39	*01	*07	
8043	Gideoni, Osna	*0201	*6803	*3543	*3908	*0102/11	*0717	SSP, SSOP
810	Hamdi, Nuha	*02010101	*680301	*3543	*3908	*010201	*0703	SSO
3808	Hogan, Patric	*02	*68	*3543/67/79	*3902/08/13/23	*01	*07	SSP
771	Israel, Shosh	*0201	*6803	*3543	*3908	*0102	*0717	PCR-SSO, SSP
859	Kamoun, Malek	*0201	*6803	*3543	*3908	*01	*0717	
4337	Kim, Tai-Gyu	*0201	*6803	*1522	*3908	*0102	*0717	SBT
168	Klein, Tirza	*0201	*6803	*3543	*3908	*0102	*0717	PCR-SSP, SSO
278	Lee, Jar-How	*0201/24/66/83N+	*6803	*3543/67	*3908	*0102/11	*0717	SSP, RVSSOP
759	Lefor, W.M.	*0201/07/09/18+	*6803	*3543/67	*3908	*0102/07/11/15+	*0703/17/23	RVSSO
731	Loewenthal, R	*0201	*6803	*3543	*3908	*0102	*0717	
8029	Mani, Rama	*0201	*6801	*3532	*3902			PCR-SSP
792	Moore, S.Brea	*0201	*6803	*3543/67	*3908	*0102	*0703/17	PCR-SSO, SSP
774	Paik, Young	*02	*6803	*3543/67/79	*3908/*1301	*01	*07	SSP, SSOP
4336	Park, Myoung	*02	*6803/05/20/24	*3543	*3902/08/13/28	*01	*07	RVSSO
16	Pidwell, Dian	*0201	*6803	*3543	*3908	*010201	*0717	
4689	Rajczy, Katal	*0201/07/09/15N+	*6803/05/20	*3543/67	*3908/13	*01	*07	PCR-RVSSO, SSP
5200	Reinke, Dennis	*02	*68	*35	*3902	*01	*07	RVSSO
1160	Rosen-Bronso	*02	*6803	*35	*39	*01	*07	RVSSO
793	Rubocki, Ron	*02	*68	*35	*39	*01	*07	PCR-SSP
4948	Sage, Deborah	*0201	*6803	*3543/67	*3908	*0102	*0717	
8001	Sheikh, Maqso	*02	*68	*35	*39	*01	*07	RVSSOP, SSP
769	Tavoularis, S	*0201/01L	*6803	*3543	*3908	*0102	*0717	SSO, SBT+SSP-C
747	Tiercy, Jean-	*0201	*680301	*3543/67/79	*3908	*0102	*0717	PCR-RVSSO, SBT
5451	Tilanus, Marc	*020101	*680301	*3543	*3908	*0102	*0717	SSO, SBT
5462	Turner, E.V.	*0201	*6803	*3543	*3908	*0102	*0717	SSO, SSP, SEQ
705	Watkins, Davi	*02010101-02g	*6801g	*3543/44/67/79	*390201g	*010201-03g	*07020101-03g	
5670	Wetmore, Mari	*02	*68	*35	*39	*01	*07	SSP

INVESTIGATOR	CELL NO.1338 (Filipino)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*020601	*330301	*580101	*151101	*0302	*030301	SSO,SSP,SBT
2020 Barnardo,Mar	*0206/*9226	*330301	*5801/11	*151101	*0302	*0303/20N	SSP,SBT
5106 Brown,Colin	*0206/10/21/28+	*3301/03-06	*5801/10N-13	*1511	*0302/16/33/36+	*0303/13/20N/22Q/30	PCR-SSOP,SBT
4492 Charron,D.	*02	*33	*58	*15			
798 Claas,F.H.J.	*020601	*330301	*580101	*151101	*030202	*030301	SBT,SSP
3632 Colombe,Beth	*0206	*3303	*5801	*1511	*0302	*0303	SSP
3904 Cooper,Shann	*02	*33	*58	*1511	*0302/04/05-10	*0303/11/13	PCR-SSP
5130 Costeas,Paul	*0206	*3303	*5801	*1511	*0302	*0303	SSP
779 Daniel,Claud	*02	*33	*58	*151101-1103	*03(Cw9)	*03(Cw10)	PCR-SSP
3625 Darke,Christ	*0206	*3303	*5801	*1511	*0302	*0303	SBT,PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*02	*33	*58	*1508/11/15	*0302/04-06/08+	*0303/11-13/18/20N+	SSP
3766 Dunn,Paul	*02	*33	*58	*1511	*0302+	*0303+	SSO
856 Dupont,Bo	*0206/10/21/28+	*3303/06/11/12	*5801/04/11/12+	*1511	*0302+	*0303+	RVSSO
5214 Eckels/CPMC	*02	*33	*58	*1511	*03(Cw9)	*03(Cw10)	SSOP
2332 Elkhalfifa,Mo	*02	*33	*58	*15	*03		RVSSO
4251 Ellis,Thomas	*0206	*3303	*5801	*1511	*0302	*0303/20N	PCR-SSO,SEQ
762 Fischer&Mayr	*0206/*9226	*3303	*5801/11	*1511	*0302	*0303	SBTex1-3,SSO
729 Fotino,Maril	*02	*33	*58	*1511	*03	*03	
8043 Gideoni,Osna	*0206	*3303	*5801	*1511	*0302	*0303	SSP,SSOP
810 Hamdi,Nuha	*0210	*3301	*5801	*151101	*0316	*0303/11/12/20N/22Q+	SSO
3808 Hogan,Patric	*02	*33	*58	*1511	*03		SSP
771 Israel,Shosh	*0206	*3303	*5801	*1511	*0302	*0303	PCR-SSO,SSP
859 Kamoun,Malek	*0206	*3303	*5801	*1511	*0302/40	*0303	
4337 Kim,Tai-Gyu	*0206	*3303	*5801	*1511	*0302	*0303	SBT
168 Klein,Tirza	*0206	*3303	*5801	*1511	*0302	*0303	PCR-SSP,SSO
278 Lee,Jar-How	*0206/91/*9226	*3303	*5801	*1511	*0302	*0303/20N/22Q	SSP,RVSSOP
759 Lefor,W.M.	*0206/10/21/28+	*3301/03-06+	*5801/11/13	*1511	*0303/11/12/16/30+		RVSSO
731 Loewenthal,R	*020601	*330301	*58	*1511	*0302	*030301/20N	
8029 Mani,Rama	*0201	*3301	*5801	*1508			PCR-SSP
792 Moore,S.Brea	*0206	*3303/12	*5801	*1511	*0302	*0303	PCR-SSO,SSP
774 Paik,Young	*0206/91/*9226	*33	*58	*1508/11/15	*03	*03	SSP,SSOP
4336 Park,Myoung	*02	*3303/06	*5801/04/11	*1511	*0302	*0303/11/13/20N/22Q	RVSSO
16 Pidwell,Dian	*020601	*330301	*580101	*151101	*030202	*030301/20N	
4689 Rajczy,Katal	*0206/10/21/28+	*3301/03-06+	*5801/02/10N+	*151101	*0302/05/11/18+	*0303/04/12/20N+	PCR-RVSSO,SSP
5200 Reinke,Dennis	*02	*33	*58	*15	*03(Cw9)	*03(Cw10)	
1160 Rosen-Bronso	*02	*33	*58	*1511	*03		RVSSO
793 Rubocki,Ron	*02	*33	*58	*15(B75)	*03(Cw9)	*03(Cw10)	PCR-SSP
4948 Sage,Deborah	*0206	*3303	*5801/11	*1511	*0302	*0303/20N	
8001 Sheikh,Maqso	*02	*33	*58	*1511	*0302/04-06/09+	*0303/11-13/20N/22Q+	RVSSOP,SSP
769 Tavoularis,S	*0206	*3303	*5801	*1511	*0302	*0303/20N	SSO,SBT+SBT-C
747 Tiercy,Jean-	*020601/*9226	*330101/15	*580101/11	*151101	*0302	*030301	PCR-RVSSO,SBT
5451 Tilanus,Marc	*020601	*330301	*580101	*151101	*0302	*030301	SSO,SBT
5462 Turner,E.V.	*0206	*3303	*5801	*1511	*0302	*0303	SSO,SSP,SEQ
705 Watkins,Davi	*02010101-02g	*3301g	*5801g	*151101-1103	*0304g	*030301-0305g	
5670 Wetmore,Mari	*02	*33	*58	*15(B75)	*03		SSP



INVESTIGATOR	CELL NO.1339 (Chinese/Filipino)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*110101	*330301	*3503	*550201	*010201	*040101	SSO,SSP,SBT
2020 Barnardo,Mar	*110101/21N	*330301	*3503/70	*550201	*010201	*0401/09N/28/30	SSP,SBT
5106 Brown,Colin	*1101/05/07/12+	*3301/03-06	*3503	*5502	*0102/14/17	*0401/10/29	PCR-SSOP,SBT
4492 Charron,D.	*1101	*3303/11/12	*3503	*5502	*0102/14-19	*0401/15/28/30/31	
798 Claas,F.H.J.	*110101	*330301	*3503	*550201	*010201	*040101	SBT,SSP
3632 Colombe,Beth	*1101	*3303	*3503	*5502	*0102	*0401	SSP
3904 Cooper,Shann	*11	*33	*3503/70	*55	*01	*04	PCR-SSP
5130 Costeas,Paul	*1101	*3303	*3503/74	*5502	*0102	*0401	SSP
779 Daniel,Claud	*11	*33	*35	*55	*01	*04	PCR-SSP
3625 Darke,Christ	*1101	*3301	*3503	*5502	*0102//*0117	*0401/28/30//*0410	SBT,PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*11	*33	*35	*55	*01	*04	SSP
3766 Dunn,Paul	*11	*33	*3503/36/55/70+	*5502/12/19	*01	*04	SSO
856 Dupont,Bo	*1101/02+	*3303/06/11/12	*3503/60+	*5501/11+	*0102+	*0401+	RVSSO
5214 Eckels/CPMC	*11	*33	*35	*55	*01	*04	SSOP
2332 Elkhalfifa,Mo	*11	*33	*35	*(B22)	*01	*04	RVSSO
4251 Ellis,Thomas	*1101	*3303	*3503	*5502	*0102	*0401/30	PCR-SSO,SEQ
762 Fischer&Mayr	*11	*33	*3503	*5502	*0102	*0401	SBTex1-3,SSO
729 Fotino,Maril	*11	*33	*35	*55	*01	*04	
8043 Gideoni,Osna	*1101	*3303	*3503	*5502	*0102	*0401	SSP,SSOP
810 Hamdi,Nuha	*110101	*3301	*3503	*550201	*010201	*04010101	SSO
3808 Hogan,Patric	*11	*33	*35	*55	*01	*04	SSP
771 Israel,Shosh	*1101	*3303	*3503	*5502	*0102	*0401	PCR-SSO,SSP
859 Kamoun,Malek	*1101	*3303	*3503	*5502	*01	*0401	
4337 Kim,Tai-Gyu	*1101	*3303	*3503	*5502	*0102	*0401	SBT
168 Klein,Tirza	*1101	*3303	*3503	*5502	*0102	*0401	PCR-SSP,SSO
278 Lee,Jar-How	*1101/21N/22/29+	*3303	*3503/55/70	*5502/19	*0102/11	*0401/18/19/20	SSP,RVSSOP
759 Lefor,W.M.	*1101-03/07/12+	*3301/03-06+	*3503/36/55/70+	*5502/12/19	*0102/03/07/08+	*0401/05/07/10/11+	RVSSO
731 Loewenthal,R	*110101	*330301	*35	*55	*01	*04	
8029 Mani,Rama	*1101	*3301	*3502	*5502			PCR-SSP
792 Moore,S.Brea	*1101	*3303/12	*3503	*5502	*0102	*0401	PCR-SSO,SSP
774 Paik,Young	*11	*33	*35	*5502/07/12+	*01	*04	SSP,SSOP
4336 Park,Myoung	*11	*3303/06	*35	*55	*01	*04	RVSSO
16 Pidwell,Dian	*110101	*330301	*3503	*550201	*010201//*0114+	*0401/09N/30//*0429+	
4689 Rajczy,Katal	*1101/02/07/09+	*3301/03-06+	*3503/36/55/56+	*5502/19/26	*01	*04	PCR-RVSSO,SSP
5200 Reinke,Dennis	*11	*33	*35	*55	*01	*04	
1160 Rosen-Bronso	*11	*33	*35	*55	*01	*04	RVSSO
793 Rubocki,Ron	*11	*33	*35	*55	*01	*04	PCR-SSP
4948 Sage,Deborah	*1101	*3303	*3503/70	*5502	*0102	*0401/09N/28/30	
8001 Sheikh,Maqso	*11	*33	*35	*55	*01	*04	RVSSOP,SSP
769 Tavoularis,S	*1101	*3303	*3503	*5502	*0102	*0401/28/30	SSO,SBT+SSP-C
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*110101	*330301	*3503	*550201	*010201	*040101	SSO,SBT
5462 Turner,E.V.	*1101	*3303	*3503/70	*5502	*0102	*0401	SSO,SSP,SEQ
705 Watkins,Davi	*1101g/06	*3301g	*3503g	*5501g	*0102g	*0401g	
5670 Wetmore,Mari	*11	*33	*35	*55	*01	*04	SSP

INVESTIGATOR	CELL NO.1340 (Hispanic)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*020101	*290201	*440301	*511301	*150201	*160101	SSO,SSP,SBT
2020 Barnardo,Mar	*0201/09/43N/66+	*290201	*4403	*5113	*1502/13	*1601	SSP,SBT
5106 Brown,Colin	*02	*2902/04/06/08N+	*4403/26/35/36+	*5113	*1502/03/07/13+	*1601/02/08/09	PCR-SSOP,SBT
4492 Charron,D.	*0201	*2902	*4403	*5113	*1502	*1601	
798 Claas,F.H.J.	*020101	*290201	*440301	*511301	*150201	*160101	SBT,SSP
3632 Colombe,Beth	*0201	*2902	*4403	*5113	*1502	*1601	SSP
3904 Cooper,Shann	*02	*29	*44	*511301	*15	*16	PCR-SSP
5130 Costeas,Paul	*0201	*2902/06	*4403	*5113	*1502	*1601	SSP
779 Daniel,Claud	*02	*29	*44	*51	*15	*16	PCR-SSP
3625 Darke,Christ	*0201	*2902	*4403	*5113	*1502	*1601	SBT,PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*02	*29	*44	*51	*15	*16	SSP
3766 Dunn,Paul	*02	*29	*44	*5113	*1502/03/07/10+	*1601/02/08/09	SSO
856 Dupont,Bo	*0201/49/68	*2901/02/04/06+	*4403/29/35	*5113	*1502/07/10/11+	*1601/02/08/09	RVSSO
5214 Eckels/CPMC	*02	*29	*44	*5113	*15	*16	SSOP
2332 Elkhalfa,Mo	*02	*29	*44	*51	*15	*16	RVSSO
4251 Ellis,Thomas	*0201	*2902	*4403	*5113	*1502	*1601	PCR-SSO,SEQ
762 Fischer&Mayr	*0201/09	*2902	*4403	*5113	*1502/13	*1601	SBTex1-3,SSO
729 Fotino,Maril	*02	*29	*44	*51	*15	*16	
8043 Gideoni,Osna	*0201	*2902	*4403	*5113	*1502/13	*1601	SSP,SSOP
810 Hamdi,Nuha	*02010101	*29010101	*4403/13/26/35+	*511301	*1502/03/07/13+	*160101	SSO
3808 Hogan,Patric	*02	*29	*44	*51	*15	*16	SSP
771 Israel,Shosh	*0201	*2902	*4403	*5113	*1502	*1601	PCR-SSO,SSP
859 Kamoun,Malek	*0201	*2902	*4403	*5113	*1502	*1601	
4337 Kim,Tai-Gyu	*0201	*2902	*4403	*5113	*1502	*1601	SBT
168 Klein,Tirza	*0201	*2902	*4403	*5113	*1502	*1601	PCR-SSP,SSO
278 Lee,Jar-How	*0201/24/66/83N+	*2902	*4403	*5113	*1502	*1601	SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18+	*2901/02/04/06+	*4403/13/26/35+	*5113	*1502/03/07/10+	*1601/02/08/09	RVSSO
731 Loewenthal,R	*020101	*290201	*440301	*511301	*15	*16	
8029 Mani,Rama	*0201	*2901	*4403	*5101			PCR-SSP
792 Moore,S.Brea	*0201	*2902	*4403	*5113	*1502	*1601	PCR-SSO,SSP
774 Paik,Young	*02	*29	*4403/26/29/30+	*5113	*1502/07/08/13+	*16	SSP,SSOP
4336 Park,Myoung	*02	*29	*44	*5113	*15	*1601/02/08/09	RVSSO
16 Pidwell,Dian	*020101	*290201	*440301	*511301	*150201//*1507	*160101//*1602	
4689 Rajczy,Katal	*0201/07/09/15N+	*2901/02/06/08N+	*4403/26/29/30+	*5113	*15	*1601/08	PCR-RVSSO,SSP
5200 Reinke,Dennis	*02	*29	*44	*5113	*15	*16	
1160 Rosen-Bronso	*02	*29	*44	*5113	*15	*16	RVSSO
793 Rubocki,Ron	*02	*29	*44	*51	*15	*16	PCR-SSP
4948 Sage,Deborah	*0201	*2902	*4403	*5113	*1502/07/13	*1601/02	
8001 Sheikh,Maqso	*02	*29	*44	*51	*15	*16	RVSSOP,SSP
769 Tavoularis,S	*0201/01L	*2902	*4403	*5113	*1502/13	*1601	SSO,SBT+SSP-C
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*020101	*290201	*440301	*511301	*150201	*160101	SSO,SBT
5462 Turner,E.V.	*0201	*2902	*4403	*5113	*1502	*1601	SSO,SSP,SEQ
705 Watkins,Davi	*0201g	*2901g	*4402g/34/50	*5101g/13	*1502g	*1601g	
5670 Wetmore,Mari	*02	*29	*44	*51	*15	*16	SSP

## Cell 1337 (Hispanic)

46 labs

A*02	52%
A*0201	39%
A*020101	7%
A*02010101	2%
A*02	100% TOTAL
A*68	35%
A*6801	2%
A*6803	50%
A*680301	13%
A*68	100% TOTAL

## Cell 1338 (Filipino)

45 labs

A*02	56%
A*0201	2%
A*0206	29%
A*020601	11%
A*0210	2%
A*02	100% TOTAL
A*33	51%
A*3301	5%
A*3303	31%
A*330301	13%
A*33	100% TOTAL

## Cell 1339 ((Chinese/Filipino)

44 labs

A*11	52%
A*1101	34%
A*110101	14%
A*11	100% TOTAL
A*33	52%
A*3301	7%
A*3303	27%
A*330301	14%
A*33	100% TOTAL

## Cell 1340 (Hispanic)

44 labs

A*02	52%
A*0201	34%
A*020101	12%
A*02010101	2%
A*02	100% TOTAL
A*29	48%
A*2901	2%
A*29010101	2%
A*2902	34%
A*290201	14%
A*29	100% TOTAL

46 labs

B*35	26%
B*3543/67/79	13%
B*3543/67	13%
B*3532	2%
B*3543	44%
B*'1522'	2%
B*35	100% TOTAL
B*39	31%
B*3902	4%
B*3908	63%
B*39	98% TOTAL

45 labs

B*58	49%
B*5801/11	7%
B*580101/11	2%
B*5801	33%
B*580101	9%
B*58	100% TOTAL
B*15	16%
B*1508	2%
B*1511	64%
B*151101	18%
B*15	100% TOTAL

44 labs

B*35	48%
B*3503/70	9%
B*3502	2%
B*3503	41%
B*35	100% TOTAL
B*55	45%
B*5502	39%
B*550201	14%
B*55	98% TOTAL

44 labs

B*44	48%
B*4403	41%
B*440301	11%
B*44	100% TOTAL
B*51	21%
B*5101	2%
B*5113	61%
B*511301	16%
B*51	100% TOTAL

44 labs

Cw*01	52%
Cw*0102	39%
Cw*010201	9%
Cw*01	100% TOTAL
Cw*07	46%
Cw*0703	2%
Cw*0717	52%
Cw*07	100% TOTAL

43 labs

Cw*03	47%
Cw*0302	47%
Cw*030202	4%
Cw*0316	2%
Cw*03	100% TOTAL
Cw*03	49%
Cw*0303/20N	7%
Cw*030301/20N	5%
Cw*0303	30%
Cw*030301	9%
Cw*03	100% TOTAL

43 labs

Cw*01	60%
Cw*0102	28%
Cw*010201	12%
Cw*01	100% TOTAL
Cw*04	68%
Cw*0401	23%
Cw*040101	7%
Cw*04010101	2%
Cw*04	100% TOTAL

43 labs

Cw*15	56%
Cw*1502/13	9%
Cw*1502	28%
Cw*150201	7%
Cw*15	100% TOTAL
Cw*16	54%
Cw*1601	37%
Cw*160101	9%
Cw*16	100% TOTAL

INTERNATIONAL CELL EXCHANGE

***** CELL NO.1337 *****										***** CELL NO.1338 *****										***** CELL NO.1339 *****										***** CELL NO.1340 *****									
V (HISP)										V (FILP)										V (CHFP)										V (HISP)									
INVESTIGATOR	A	A	A	B	B	C	C	B		A	A	A	B	B	C	B	B	B	B	C	C	B	A	A	A	B	B	B											
DAYS	B	2	6	3	3	W	W	W		B	2	3	5	7	W	W	W	W	W	W	W	B	1	3	3	5	W	W	W										
NAME	OLD	%	8	5	9	1	7	6	OTHERS	%	3	8	5	3	4	6	OTHERS	%	1	3	5	5	1	4	6	OTHERS	%	9	4	1	4	OTHERS							
Abbal, M. Pro	6	98	+	+	+	+		+		98	+	+	+11	+	+							95	+	+	+	+		+					90	+	+	+	+	+	
Alvarez, Carr	7	100	+	+	+	+		+		100	+	+	+15	+	+	B15V						100	+	+	+	+		+					100	+	+	+	+	+	
Anthony Nola	6	99	+	+	+	+		+		99	+	+	+15									99	+	+	+	+		+					99	+	+	+	+	+	
Baker, Judy	14	99	+	+	+	+		+		99	+	+	+	+	+	1511						99	+	+	+	+		+					99	+	+	+	+	+	
Berka, Noured	2	90	+28	+		+	+	+	B70	90	+	+	+15	+	+	B46						90	+	+	+	+	+	+	+	+			90	+	+	+	+	+	
Bow, Laurine	6	98	+28	+		+		+	B70	98	+	+	+	+	+	B46						98	+	+	+	+	+		+				98	+	+	+	+	+	
Burger, Joe	2	99	+	+	+	+		+	CW4	99	+	+	+	+	+	+	CW7					99	+	+	+	+	+	+	+	+			99	+	+	+	+	+	
Chan MD, Soh	4	95	+	+	+	+	+	+		95	+	+	+	+	+	+						95	+	+	+	+	+	B54					95	+	+	+	+	+	
Charron, D. P	6	100	+	+	+	+		+		100	+	+	+			B46						100	+	+	+	+		+					100	+	+	+	+	+	
Choo, Yoon MD	3	99	+	+	+	+	+	+		99	+	+	+	+	+	CW7						99	+	+	+	+	+	+	+	+			99	+	+	+	+	+	
Ciccio/Willi	6	99	+	+	+	+	+	+		99	+	+	+	+	+	+	B46					99	+	+	+	+	+	+	+	+			99	+	+	+	+	+	
Claas, F.H.J.	6	90	+28	+16	+		+			90	+	+	+	+	+	+						90	+	+	+	+	+	+	+	+			90	+	+	+	+	+	
Cooper, E. Sh	3	99	+	+	+			+	B21	99	+	+	+	+	+	+						99	+	+	+	+	+		+				99	+	+	+	+	+	
Darke, Christ	6	90	+	+	+	+	+	+	B39S	90	+	+	+	+	+	+						90	+	+	+	+	+	+	+	+			90	+	+	+	+	+	
Du Toit, Erne	13	NT								NT												NT											NT						
Dunckley, Hea	14	99	+28	+						99	+	+1715										99	+	+	+22								99	+	+	+	+	+	
Dunk, Arthur	3	98	+28	+	+	+	+	+		98	+	+	+	+	+	+						98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	
Dunn, Paul Ph	6	99	+	+	+	+		+		99	+	+	+	+	+	+						99	+	+	+	+	+		+				99	+	+	+	+	+	
Eckels/CPMC,	2	98	+	+	+	+	+	+		98	+	+	+	+	+	+						98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	
Eckels/Utah,	3	99	+28	+	+	+	+	+		99	+	+	+	+	+	+						98	+	+	+	+	+	+	+	+			95	+	+	+	+	+	
Esteves Kond	2	98	+	+	+	+	+	+	B39V, B35V	98	+	+	+11W9	+	+	CW10						98	01	+	+	+	+	+	+	B55V, 3303			98	+	+	+	+	+	
Fischer, Joha	6	98	+	+	+	+		+		98	+	+	+	+	+	+						98	+	+	+	+	+		+				98	+	+	+	+	+	
Fotino, Maril	3	98	+	+	+	+	+	+		90	+	+	+	+	+	+						90	+	+	+	+	+	+	+	+			90	+	+	+	+	+	
Foxcroft, Z.K	7	90	+	+				+	B38	90	+	+	+	+	+	A74, B63						90	+	+	+	+	+		+				90	+	+	+	+	+	
Goggins, R.	2	98	+28	+	+	+	+	+		98	+	+	+	+	+	+						98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	
Hahn, Amy B.	2	98	+	+	+	+	+	+		99	+	+	+	W9	+	+	B46, CW3					80	+	+	+	+	+	+	+	+			99	+	+	+	+	+	
Henrico Doct	7	95	+	+	+	+		+		95	+	+	+	+	+	+						90	+	+	+	+	+	+	+				90	+	+	+	+	+	
Hirankarn MD	6	73	+28	+				+	B70	79	+	+	+	+	+	B70						83	.1	+	+	+	+	B70				78	+	+	+	+	+		
Hogan, Patric	9	85	+28	+	+		+	+		85	+	+	+	+	+	+						85	+	+	+	+	+	+	+				85	+	+	+	+	+	
Holdsworth, R	9	98	+	+	+	+	+	+		97	+	+1715	+	+	+							98	+	+	+	+	+	+	+	+			97	+	+	+	+	+	
Hubbell, Char	2	95	+28	+	+		+	+		95	+	+17	+	+	+							95	+	+	+	+	+	+	+				95	+	+	+	+	+	
Ichikawa MD,	10	???	+	+	+	+		+	A33	???	+	+	W9	+	+	B57						???	+	+	+	+	+	B67				???	+	+	+	+	+		
Israel, Shosh	6	95	+28	+	+	+	+	+		95	+	+	+15	+	+	+						95	+	+	+	+	+	+	+				95	+	+	+	+	+	
Jaramillo, An	3	98	+	+	+	+	+	+		98	+	+	+	+	+	+						98	+	+	+	+	+	+	+				98	+	+	+	+	+	
Keown, Paul M	2	???	+28	+	+		+	+		???	+	+	+	+	+	B46						???	+	+	+	+	+	+	+				???	+	+	+	+	+	
Kim, Kyeong-H	8	90	+	+	+		+	+	B75	90	+	+	+15	+	+	B46, B57						90	+	+	+	+	+	+	+	A34			90	+	+	+	+	+	
Klein, Tirza	6	90	+	+	+	+	+	+		98	+	+	+	+	+	+						95	+	+	+	+	+	+	+				90	+	+	+	+	+	
Kvam, Vonnett	3	97	+28	+	+	+	+	+		97	+	+	+15	+	+	+						97	+	+	+	+	+	+	+				95	+	+	+	+	+	
Lardy, N.M. D	7	90	+28	+16	+	+	+	+	B16V, BW4	90	+	+	+15	+	+	B15V						90	+	+	+	+	+	+	+				90	+	+	+	+	+	
Lebeck, Laura	3	98	+28	+	+	+	+	+		98	+	+	+15	+	+	+						98	+	+	+	+	+	+	+				98	+	+	+	+	+	
Lefor, W.M. P	2	99	+	+	+	+	+	+		99	+	+17	+	+	+	B75S						99	+	+	+	+	+	+	+				99	+	+	+	+	+	
Lim, Young Ae	7	95	+	+	+	+	+	+		95	+	+	+	+	+	+						90	+	+	+	+	+	+	+				95	+	+	+	+	+	
Lo, Raymundo	4	98	+	+				+	B67	98	+	+	+	+	+	+						98	01	+	+	+	+	+				98	+	+	+	+	+		
Loewenthal M	5	95	+	+	+	+	+	+		95	+	+	+	+	+	+						95	+	+	+	+	+	+	+				95	+	+	+	+	+	
MacCann, Eile	2	98	+28	+	+			+		98	+	+	+	+	+	+						98	+	+	+	+	+	+	+				98	+	+	+	+	+	
Mah, Helen	4	98	+	+	+	+		+	CW4	98	+	+	+	+	+	B46						98	+	+	+	+	+	+	+				98	+	+	+	+	+	
McAlack, Robe	2	98	+	+	+16	+	+	+		97	+	+	+11W9	+	+	+						97	+	+	+	+	+	+	+				97	+	+	+	+	+	
McAlack-Bala	2	99	+	+	+	+	+	+		99	+	+	+11	+	+	+						99	+	+	+	+	+	+	+				99	+	+	+	+	+	
McCluskey, Ja	14	NT								NT												NT											NT						
Murad, Shahna	9	95	+	+				+		97	+	+	+	+	+	+						C											98	+	+	+	+	A33, CW3	

INTERNATIONAL CELL EXCHANGE

	*****	CELL NO.1337	*****	CELL NO.1338	*****	CELL NO.1339	*****	CELL NO.1340	*****
	V		V		V		V		
INVESTIGATOR	I	(HISP)	I	(FILP)	I	(CHFP)	I	(HISP)	
	A A A B B C C B		A A A B B C B B		A A A B B C C B		A A A B B B		
DAYS	B 2 6 3 3 W W W		B 2 3 5 7 W W W		B 1 3 3 5 W W W		B 2 2 4 5 W		
NAME	OLD % 8 5 9 1 7 6 OTHERS		% 3 8 5 3 4 6 OTHERS		% 1 3 5 5 1 4 6 OTHERS		% 9 4 1 4 OTHERS		

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Norin, Allen	2 98 + + + + +		98 + + 15 + + B1508, B57		98 + + + + + + +		98 + + + + +		
Paik, Young K	2 95 + + + + + + +		95 + + + + W9 + +		95 + + + + + + +		95 + + + + +		
Pais, Maria L	8 99 + + + + +		99 + + +15		99 + + + + +		99 + + + + +		
Park, Myoung	7 95 +28 + + + +		85 + + + + + + +		86 + + + + + + +		96 + + + + +		
Permpikul, Ve	6 90 +28 + + + +		90 + + +11 + +		90 01 + + + + +		90 + + + + +		
Phelan, Donna	2 95 + + + + + + +		95 + + + + + + +		95 + + + + + + +		95 + + + + +		CX16, CX15
Pidwell, Dian	2 95 + + + + + + +		95 + + + + + + +		95 + + + + + + +		95 + + + + +		CW4V, CW6
Rajczyk, Katal	3 95 +28 + + + + +		95 + + +15 + + +		95 + + + + + + +		95 + + + + +		
Rosen-Bronso	2 90 + + + + +		90 + + + + +		90 + + + + +		90 + + + + +		
Rosenberg, J.	2 99 + + + + + + +	BW4	99 + + + + + + +		99 + + + + + + +		99 + + + + +		
Rubocki, Rona	2 99 +28 + + + + +		99 + + + + + + +		98 + + + + + + +		98 + + + + +		
Sauer, Guttwa	6 100 + + + + + + +		100 + + + + + + +		95 + + + + + + +		100 + + + + +		
Semana MD, Gi	9 99 +28 + + + + +	B70	99 + +1715 + + +		99 + + +22 + + +		99 + + +B5 + + +		
Sperry, Roxan	2 98 +28 + + + + +		98 + + + + + + +		98 + + + + + + +		98 + + + + +		CW6
Stamm, Luz	3 98 + + + + + + +		98 + + +15 + + +	B15V	98 + + + + + + +		98 + + + + +		
Tagliere, Jac	1 100 + + + + + + +		100 + + +15 + + +		100 + + + + + + +		100 + + + + +		
Tiercy, Jean-	7 85 +28 + + + + +		90 + + + + +		NT		NT		
Tilanus, Marc	7 90 +28 + + + + +		90 + + +15 + + +		90 + + + + + + +		90 + + + + +		
Vidan-Jeras,	8 90 +28 + + + + +		90 + + + + + + +	B77	90 + + + + + + +		90 + + + + +		
Walter Reed	2 99 +28 + + + + +	B70	99 + + + + + + +	B57, CW8	99 + + + + + + +		99 + + + + +		
Ward, Osowski	8 99 + + + + + + +		99 + + + + + + +		99 + + + + + + +		99 + + + + +		
Watkins, Davi	7 90 +28 + + + + +	B70	95 + + + + + + +	B57, A28	80 + + + + + + +		95 + + + + +		
Wetmore, Mari	8 99 +28 + + + + +	B67	99 + +1715 + + +	B15V	99 + + + + + + +		99 + + + + +		
Wisecarver, J	6 95 +28 + + + + +		98 + + + + + + +		95 + + + + + + +		95 + + + + +		

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

(HISP)  
 \*\*\*\* CELL 1337 \*\*\*\*  
 (72 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A68 54.2%  
 A28 40.3%  
 ( 94.4%)  
  
 B35 100.0%  
  
 B39 73.6%  
 B16 4.2%  
 ( 77.8%)  
  
 CW1 52.8%  
  
 CW7 61.1%  
  
 BW6 90.3%

(FILP)  
 \*\*\*\* CELL 1338 \*\*\*\*  
 (72 SAMPLES TYPED)  
 A2 98.6%  
 ( 98.6%)  
  
 A33 98.6%  
 ( 98.6%)  
  
 B58 86.1%  
 B17 8.3%  
 ( 94.4%)  
  
 B75 55.6%  
 1511 6.9%  
 B15 25.0%  
 ( 87.5%)  
  
 CW3 59.7%  
 CW9 6.9%  
 ( 66.7%)  
  
 BW4 90.3%  
  
 BW6 90.3%

(CHFP)  
 \*\*\*\* CELL 1339 \*\*\*\*  
 (70 SAMPLES TYPED)  
 A11 94.3%  
 11.1 1.4%  
 1101 4.3%  
 (100.0%)  
  
 A33 100.0%  
 (100.0%)  
  
 B35 98.6%  
  
 B55 94.3%  
 B22 2.9%  
 ( 97.1%)  
  
 CW1 65.7%  
  
 CW4 67.1%  
  
 BW6 91.4%

(HISP)  
 \*\*\*\* CELL 1340 \*\*\*\*  
 (71 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A29 97.2%  
 ( 97.2%)  
  
 B44 100.0%  
 (100.0%)  
  
 B51 95.8%  
 B5 1.4%  
 ( 97.2%)  
  
 BW4 91.5%

(OTHERS FOUND)  
 B70 8.3%  
 BW4 2.8%  
 B67 2.8%  
 CW4 2.8%  
 B35V 1.4%  
 B39V 1.4%  
 B75 1.4%  
 A33 1.4%  
 B38 1.4%  
 B21 1.4%  
 B39S 1.4%  
 B16V 1.4%

(OTHERS FOUND)  
 B46 11.1%  
 B57 6.9%  
 B15V 5.6%  
 CW7 2.8%  
 CW10 1.4%  
 1511 1.4%  
 B63 1.4%  
 A74 1.4%  
 B77 1.4%  
 B70 1.4%  
 A28 1.4%  
 CW8 1.4%  
 B1508 1.4%  
 B75S 1.4%

(OTHERS FOUND)  
 3303 1.4%  
 B55V 1.4%  
 A34 1.4%  
 B67 1.4%  
 B70 1.4%  
 B54 1.4%

(OTHERS FOUND)  
 CX15 5.6%  
 CW6 4.2%  
 A33 2.8%  
 CX16 2.8%  
 CW3 1.4%  
 A31 1.4%  
 CW1 1.4%  
 B52 1.4%  
 CW4V 1.4%