

REPORT OF THE 354th CELL EXCHANGE

FEBRUARY 2, 2011

| | |
|--------------|-----------|
| B-cell Lines | 447-450 |
| Serum | 1041-1048 |
| DNA Extract | 501-504 |
| Cells | 1413-1416 |

Welcome to the 2011 International Cell Exchange! We look forward to collaborating with you in studying unusual and interesting samples.

We wish to acknowledge and thank all the laboratories that participated in the 2010 program. In the February sendout package, you will find your certificate that documents your participation last year.

B-cell line Exchange

We wish to acknowledge the generous collaboration of **Franz Claas, Leiden University Medical Centre, Leiden**, and **Helen Bass, Jane Rowlands, and Tracy Rees, Welsh Blood Service, Pontyclun**, in their offerings of interesting cells to study in our exchanges.

Reference cells for rare DRB1*14 alleles were typed in one exchange study. The second study examined differentiation of DRB1*14:54 from DRB1*14:01 as well as DPB1*03:01 from DPB1*104:01 (formerly DPB1*0502).

TER-447. This cell from a South American Indian individual, specifically from a Brazilian Indian, was the reference B*14:13 cell, GRC-138, as correctly identified by Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy. In 1992, this cell was initially described by Belich et al. (1) as having unusual class I types and now serves as a reference cell for A*02:01:01:01, A*02:11:01, B*15:04, and B*40:03. In 1994, a new DR14 was described by Pando et al (2). It was studied in the workshops as IHW#9365 and has been typed multiple times in the Cell Exchange as TER-262 (2000), TER-314 (2002), and TER-326 (2003) for class II and as extracts 130 (2000), 239 (2003), and 362 (2006) for class I. This cell is the sole DRB1*14:13 cell typed in the Cell Exchange.

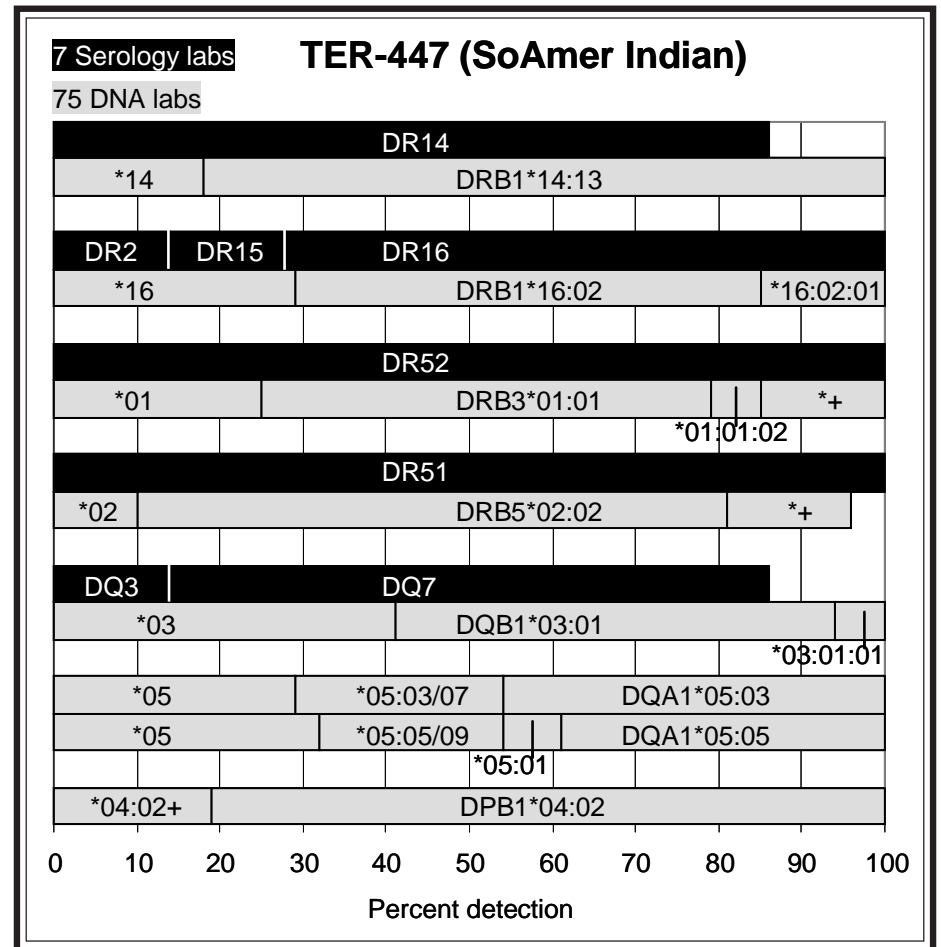
In this present retyping, DRB1*14:13 (82%) was assigned by the majority.

The likely haplotypes were DRB1*14:13-DRB3*01:01-DQB1*03:01-DQA1*05:03 and DRB1*16:02 (*16:02:01)-DRB5*02:02-DQB1*03:01-DQA1*05:05. The same DRB1*16:02 haplotype was detected in another cell, TER-325, also derived from a South American Indian.

DPB1*04:02 was the sole DPB1-type. A number of labs did not resolve DPB1*04:02 from DPB1*105:01 (formerly DPB1*0602)

The class I typing for this cell was A*0:201, A*02:11, B*15:04, B*40:03, C*03:03, C*03:04.

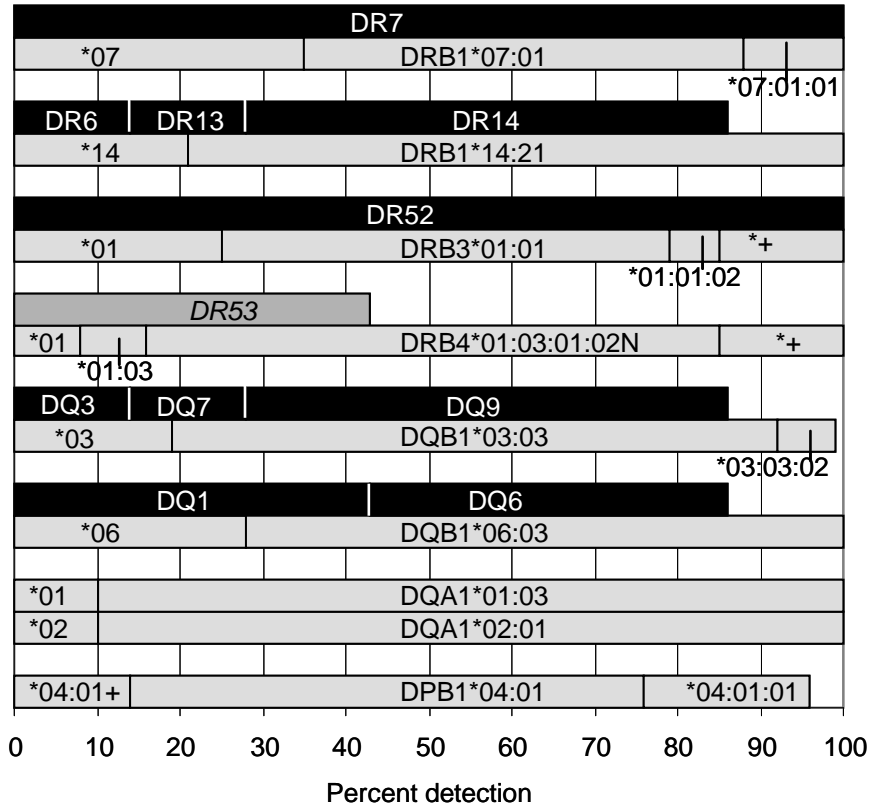
Announcement: During the past year, we have been working on our new web site for online data entry. We are excited to announce that we are very close to putting together the final touches and will be set to launch it within the next couple months. We will be sending you more information as we approach our launch date!



7 Serology labs B-CELL LINE TER-448 (Caucasian)

74 DNA labs

Class



TER-448. This Caucasian cell was TGI, the reference cell for the rare DRB1*14:21, as described by Verduyn et al. (3). We commend Barnardo, Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy for noting that this cell was previously typed in the Cell Exchange, as TER-218 (1998), TER-282 (2001), and TER-344 (2004). It was also typed for class I as extract 53 in 1998.

In the 2004 typing, 4 labs misassigned DRB1*13. This present retyping indicated improved standardization since DRB1*14 was assigned in complete consensus and DRB1*14:21 was reported by 79%.

When this cell was typed as extract 53, the high-resolution typing was determined to be A*02:01, A*03:01, B*44:02, B*57:01, C*05:01, C*06:02. Verduyn et al. said that family studies indicated DRB1*14:21 was on the same haplotype with A2, B57, DRB3*01:01, DQA1*01:03, and DQB1*06:03. Combining the family study results with the exchange typings, the haplotypes in this donor were A*02:01-B*57:01-C*06:02-DRB1*14:21-DRB3*01:01-DQB1*06:03-DQA1*01:03 and A*03:01-B*44:02-C*05:01-DRB1*07:01(*07:01:01)-DRB4*01:03:01:02N-DQB1*03:03 (*03:03:02)-DQA1*02:01.

In the 1994 retyping, DPA1*01:03 was reported by Costeas. DPB1*04:01 was assigned in consensus.

TER-449. This Caucasian donor was previously typed as TER-337 in 2004, as correctly identified by Hahn, Lopez-Cepero, Mah, and Stamm.

In this present retyping, DRB1*04:03 was well typed, by 77%. The less common subtype, DRB1*04:03:02, was assigned by 15%.

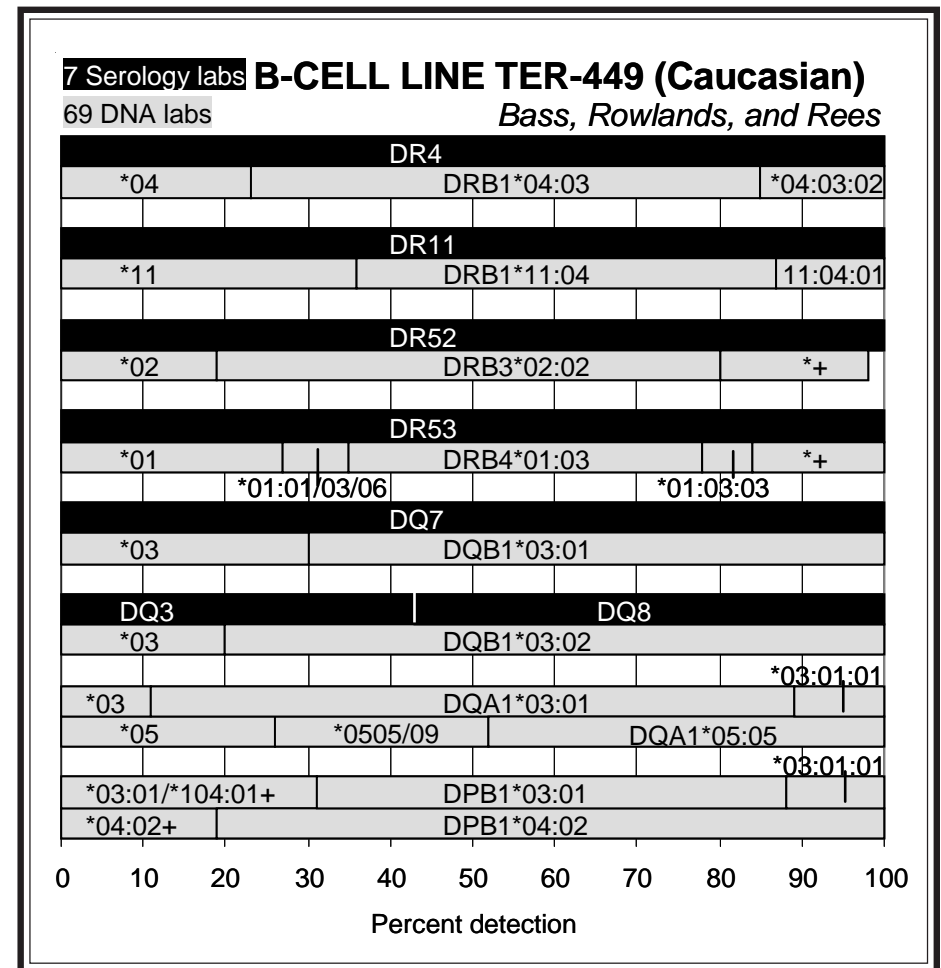
DRB1*04:03-DRB4*01:03-DQB1*03:02-DQA1*03:01 and DRB1*11:04-DRB3*02:02-DQB1*03:01-DQA1*05:05 were the probable haplotypes. DRB4*01:03:03 was assigned by Chan, Tilanus, and Turner.

This cell was well typed by serology as DR4, DR11, DR52, DR53, DQ7, DQ8.

In the 2004 typing, Costeas reported DPA1*01:03, (*01:07) and Darke assigned DPA1*01:03/07.

DPB1*03:01 (*03:01:01) was assigned by 69%; 27% did not resolve DPB1*03:01 from DPB1*104:01 (formerly DPB1*0502) or DPB1*124:01 (formerly DPB1*2702). DPB1*04:02 was reported by 81%. Fifteen percent of the labs did not resolve DPB1*04:02 from DPB1*105:01.

The class I typing was listed as A*02:01, A*02, B*44, - , C*05:01 for this cell in the Welsh Transplantation and Immunogenetics Laboratory catalogue of cell lines.

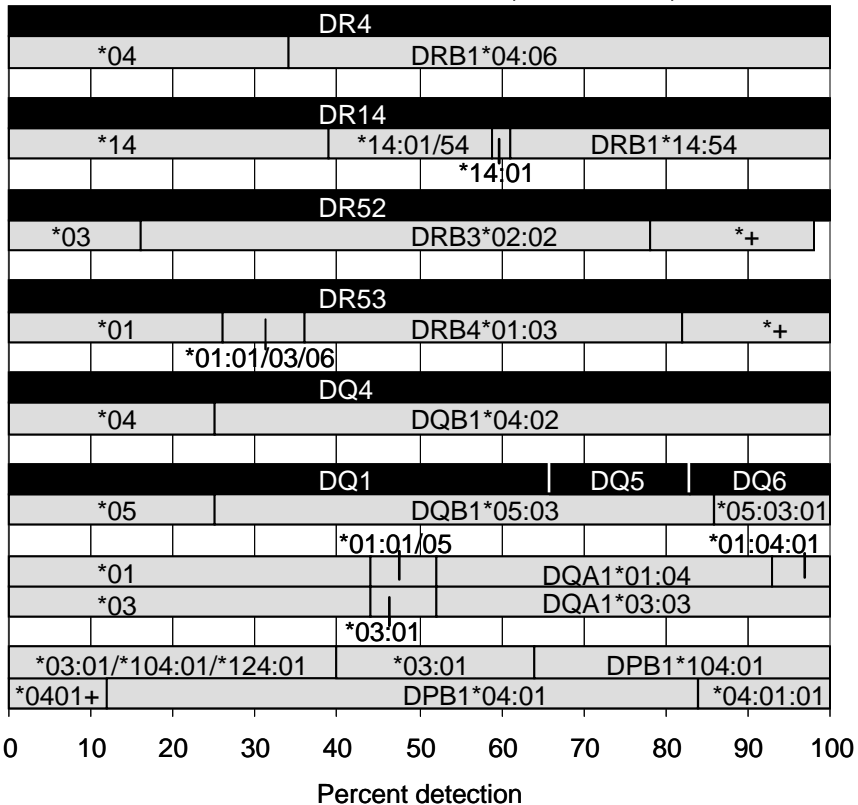


6 Serology labs

B-CELL LINE TER-450

70 DNA labs

Bass, Rowlands, and Rees



TER-450. This Caucasian cell was UBM13129406, a B*5002 reference cell, as described by Darke et al. (4), and was previously typed in the Cell Exchange for class I as extracts 185 (2001) and 352 (2006).

DRB1*04:06 was well typed, by 66%. This cell was the third DRB1*04:06 typed in the Cell Exchange.

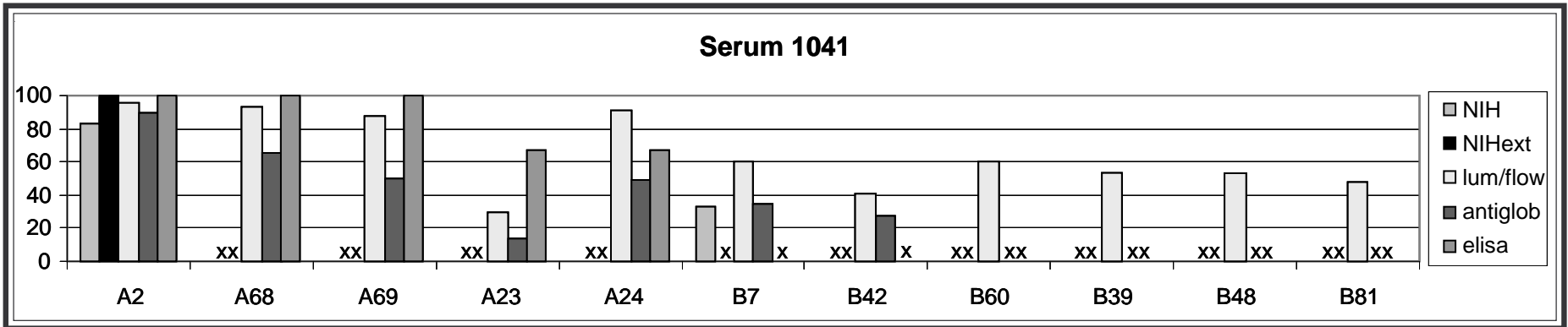
DRB1*14:54 was detected by 39%; another 20% assigned DRB1*14:01/54. DRB1*14:01 was misassigned by 2 labs.

The probable haplotypes were DRB1*04:06-DRB4*01:03-DQB1*04:02-DQA1*03:03 and DRB1*14:54-DRB3*02:02-DQB1*05:03-DQA1*01:04. The other 2 DRB1*1454 exchange cells, TER-375 (also TER-293) and TER-376 (also TER-232, TER-284) had the same associations with DRB1*14:54 as found in this cell.

DPB1*04:01 was typed in consensus. However, the second DPB1 type was not definitively resolved, as DPB1*104:01 was assigned by 36% and DPB1*03:01 by 24%. Another 40% did not differentiate among DPB1*03:01, DPB1*104:01, and DPB1*124:01. This was in contrast to TER-449, as DPB1*03:01 was assigned by 69% as the high-resolution DPB1 type. We plan to send this cell again to aid in standardization of DPB1 typing.

Serum Exchange

In one study, 4 antibodies (**sera 1041-1044**) strongly positive to A2 by all methods were tested. The second antibody study, samples (**sera 1045-1048**) strongly reactive to A1 by all methods were screened.



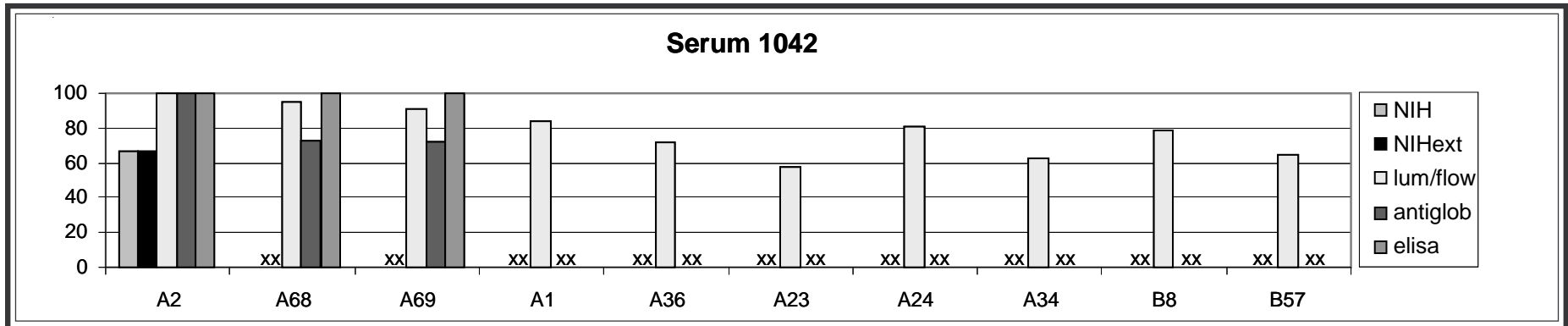
All 4 anti-A2 antibodies were operatively monospecific by NIH methods. Sera 1041, 1042 and 1043 exhibited additional strong reactivity to A68 and A69 by antiglobulin, Luminex, flow, and ELISA, whereas for serum 1044, anti-A69 reactivity was much stronger than anti-A68 reactivity.

For **serum 1041**, labs using the more sensitive techniques also detected anti-A9 (A23, A24) reactivity as well as weaker reactivity to 7CREG specificities,

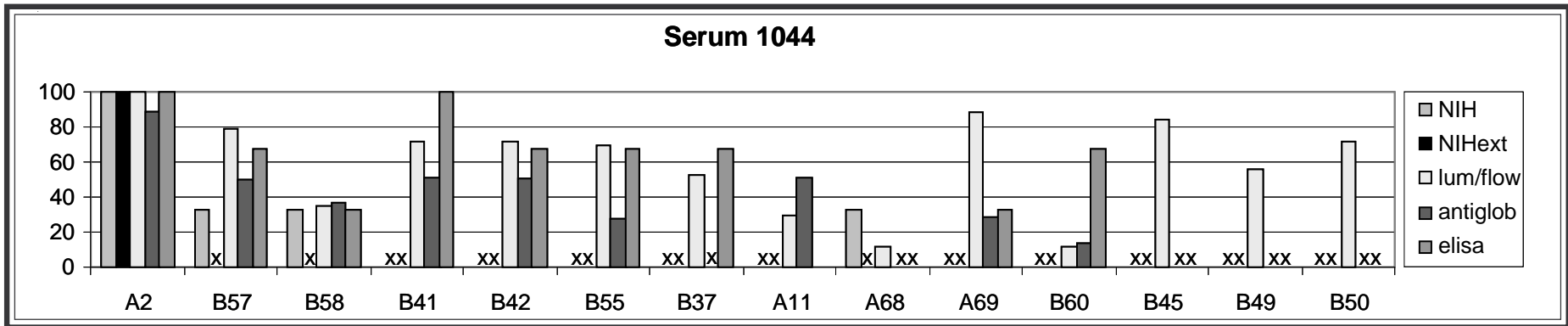
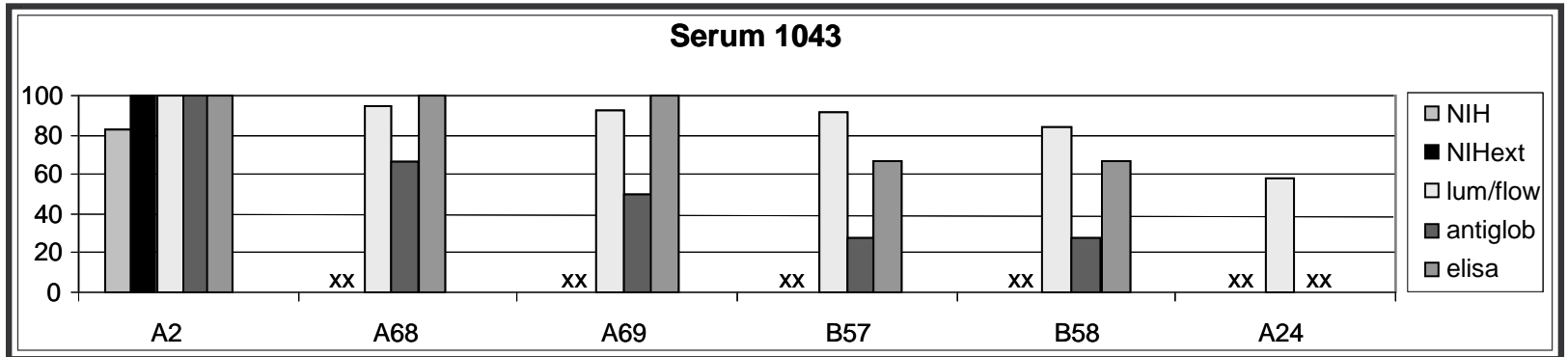
including B7, B42, B48, B60, and B81.

For **serum 1042**, Luminex and flow labs reported additional reactivity to A1, A36, A23, A24, A34, B8, and B57.

Serum 1043 was determined by Luminex and flow to be additionally positive to A24.

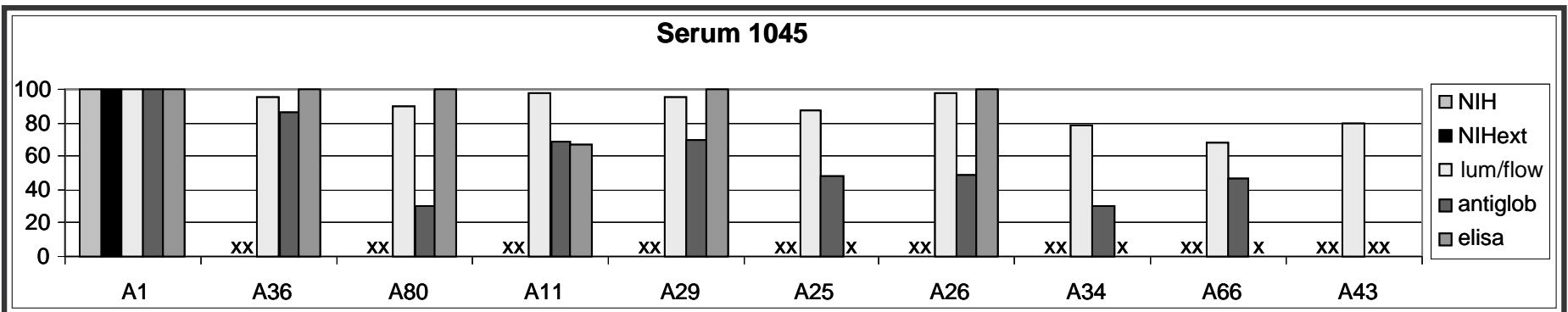


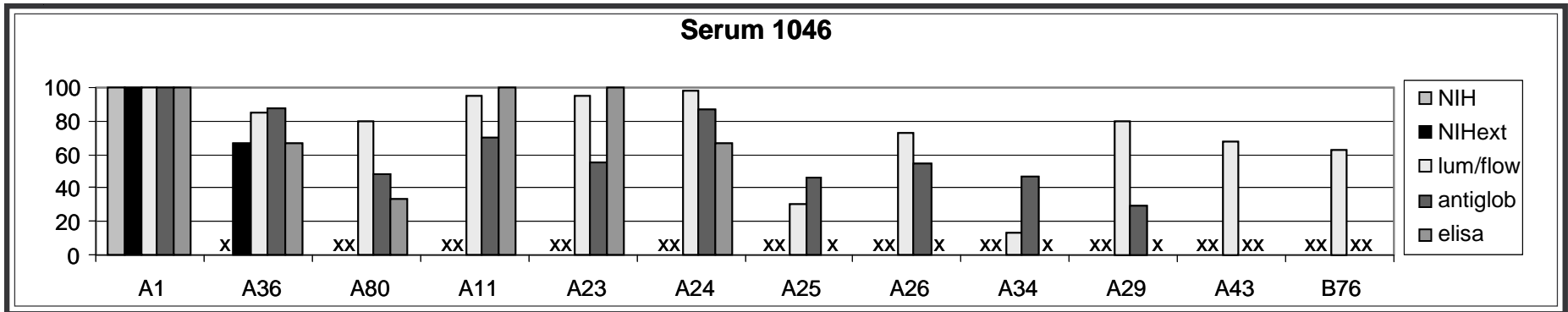
Serum 1044 was also positive to other specificities, including B17, B41, B42, B55, B37, B60, B45, B21, and A11.



Serum 1045 was an operatively monospecific A1 antibody by NIH methods. Antiglobulin, Luminex, flow, and ELISA labs detected strong reactivity to A36, A80, A11, A10 (A25, A26, A34, A66) and A29. A43 was reported by Luminex and flow. 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. Positions 149 and 152 in the second domain of the HLA molecule are only 3 angstroms apart.

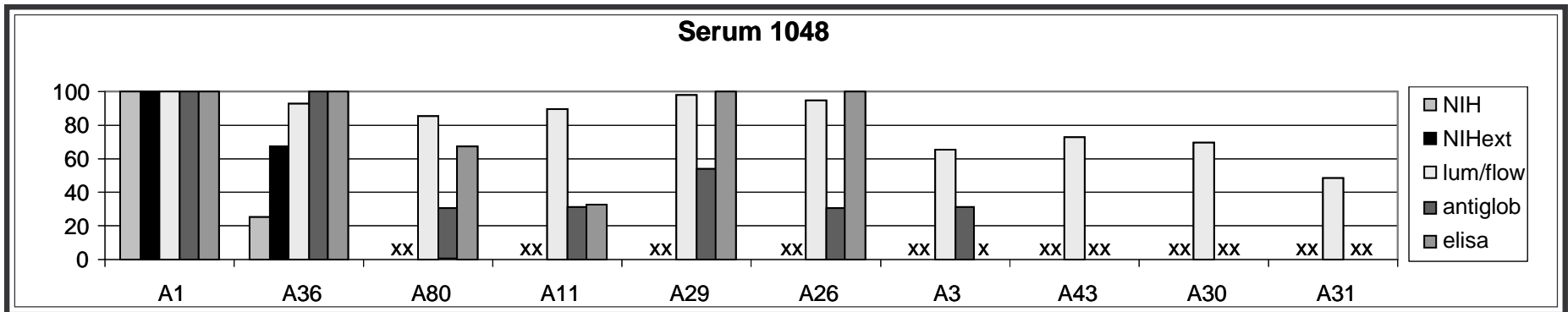
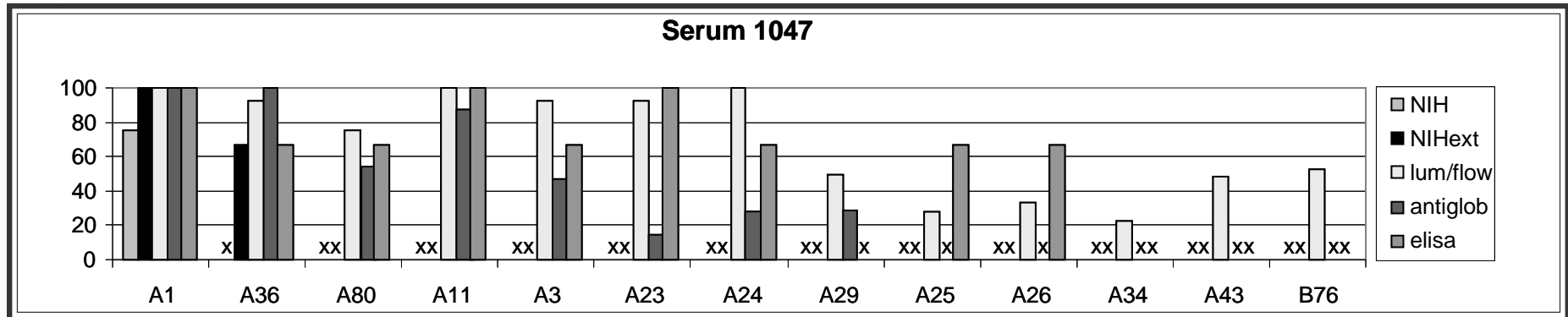




The reactivity pattern of **serum 1046** was similar to that of serum 1045, with additional strong positivity to A23 and A24. Luminex and flow labs reported B76 whereas ELISA reported anti-B8, -B37, -B41, and -B42 reactivity.

Serum 1047 exhibited a similar reactivity pattern as serum 1046, with additional strong reactivity to A3.

Serum 1048 was positive to A1 and A36 by all methods. The more sensitive methods also detected A80, A11, A26, and A29. Anti-A3 reactivity was reported by Luminex, flow, and antiglobulin labs, whereas A43, A30, and A31 were detected by Luminex and flow labs.



Extract Exchange

We wish to acknowledge **Oxford Transplant Center, Churchill Hospital, and Franz Claas, Leiden University Medical Center, Leiden**, in sharing interesting cells to study in our exchanges.

We congratulate Brown and Stamm for correctly identifying extracts 501, 502, and 503 as being previously typed in the Cell Exchange.

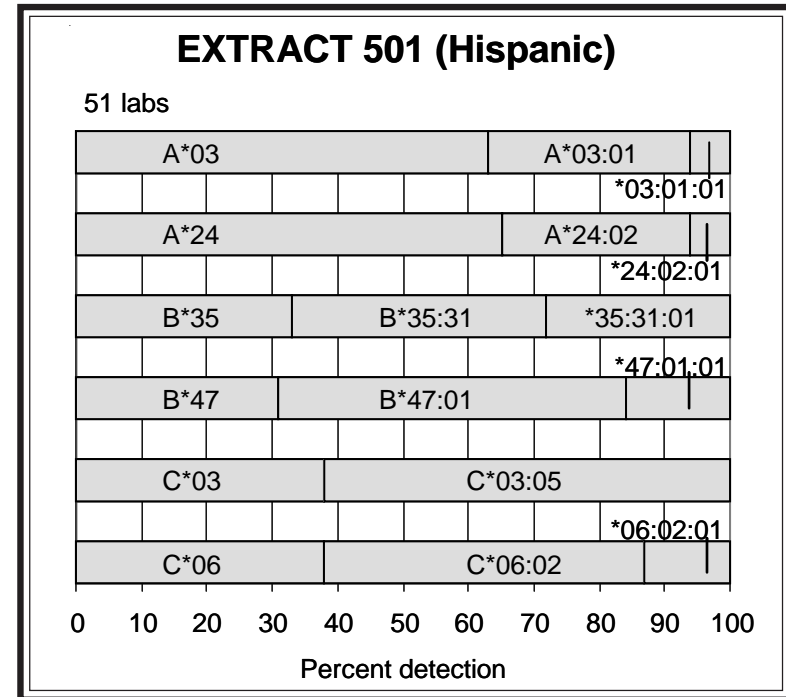
Extract 501. This rare B*35:31 cell was previously typed as extracts 154 (2001) and 302 (2004). Elsnér et al. (5) described the sequence as B35-like in the alpha 1 domain and B61-like in the alpha 2 domain; the investigators also noted weak serologic expression observed with the encoded antigen. The 2008 HLA dictionary listed 6 NMDP cells with the 'Assigned type (%)' as Blank (67), B61 (17), B48 (17); in addition, for 1 IHW13 B*35:31 cell, comments were "short B35; reactive with few B40 and B35 sera, Korean." (6).

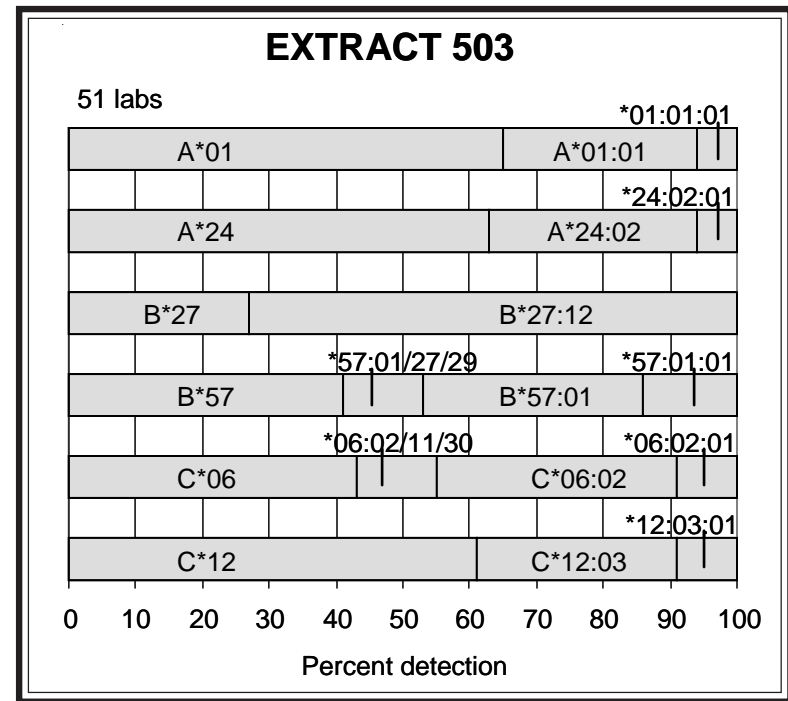
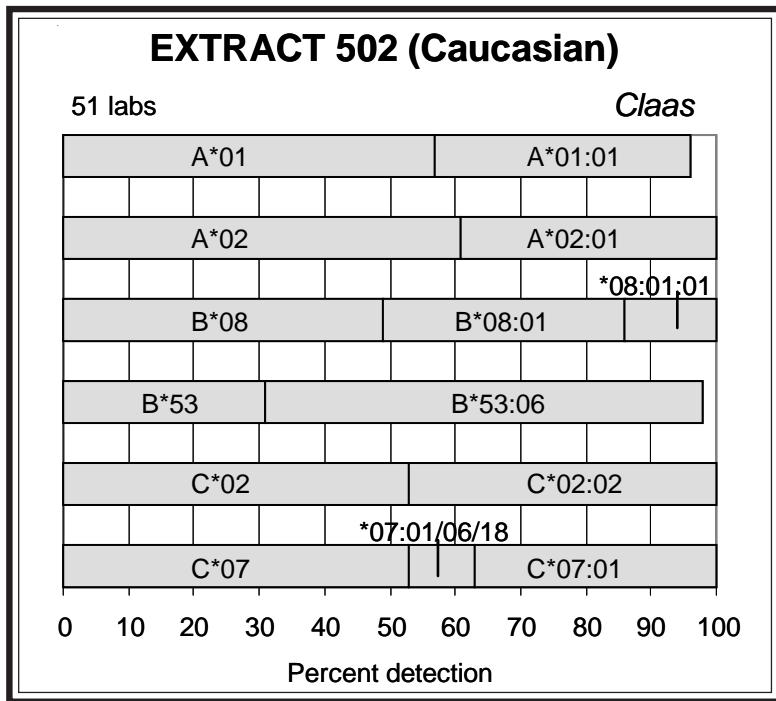
The following table demonstrates the improved detection of the B- and C-locus alleles in this Hispanic donor over a 10-year span:

| | extract 154 2001 61 labs | extract 302 2004 55 labs | extract 302 2010 51 labs |
|----------------|--------------------------------|--------------------------------|--------------------------------|
| B*35:31 | 39% | 58% | 67% |
| B*47:01 | 56% | 62% | 69% |
| C*03:05 | 18% | 42% | 62% |
| C*06:02 | 59% | 38% | 52% |

Other C*03:05 exchange cells were extract 376 (also cell 1240) and cell 1061, also from Hispanic donors.

When typed for class II as TER-280 (2001), the high-resolution typing was determined to be DRB1*04:05, DRB1*14:02, DRB3*01:01, DRB4*01:03, DQB1*03:01, DQB1*03:02, DQA1*03:03, DQA1*05:03, DPB1*01:01, DPB1*04:02.





Extract 502. This Caucasian cell was SIA, the reference cell for B*53:06, described by Anholts et al. (7) as “a B51/B53-like variant,” saying, “...alignment of the new sequence B*5306 shows that the whole of exon 2 and a large part of exon 3 are identical to the B*51011. Gene conversion with the first part of exon 3 of B*5301 into the B*51011 gene seems to be the most logical explanation for the generation of this allele.” This cell was previously typed as extracts 197 (2002) and 262 (2003).

In this present retyping, the unusual B*53:06 was detected by 67%. The 2008 HLA dictionary indicated no cells were found by serology and DNA in either Cell Exchange or NMDP typings. One cell was tested in the 13th Workshop, resulting in the assignment of B51, with comments, “B53x51, long B53, extra reactivity with some B51 sera.” The Neural Network assigned B53 as the possible correlating antigen to this allele.

Anholts et al. noted that family studies indicated that the variant was on the same haplotype with A*02, C*02:02, and DRB1*11. The exchange results

confirmed the haplotypes in this cell as A*01:01-B*08:01-C*07:01 and A*02:01-B*53:06-C*02:02.

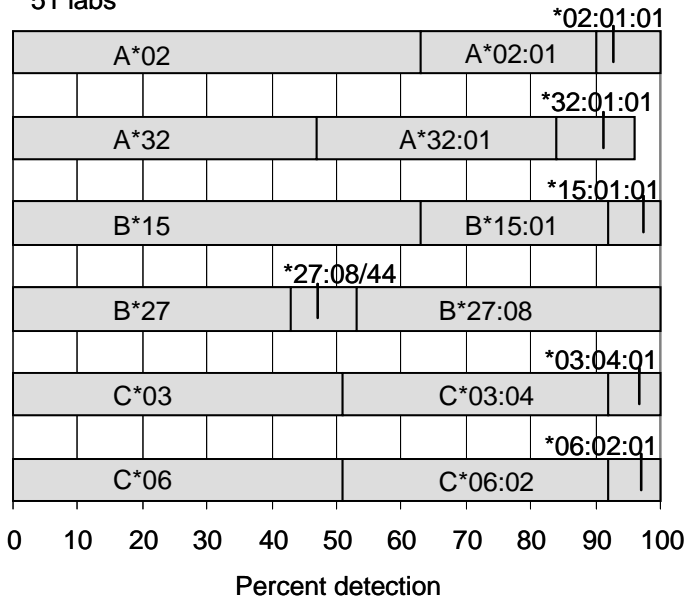
Extract 503. B*27:12 (73%), one of several Bw6-associated B*27 alleles, as noted by Clark for both this cell and for B*27:08 in extract 504, was well typed in this cell. B*27:12 was previously typed in 2 other exchange cells, extracts 346 and 424 (also extract 293), both from Caucasian donors.

The other B-locus allele was B*57:01 (47%).

The likely haplotypes in this cell were A*24:02-B*27:12-C*12:03 and A*01:01-B*57:01-C*06:02. A*01:01-B*57:01-C*06:02 is found in all populations. According to the NMDP Bioinformatics web site, A*01:01g-B*57:01-Cw*06:02 has HF=0.01982 in European Americans, HF=0.01682 in Asian Americans, HF=0.00675 in Hispanic Americans, and HF=0.00274 in African Americans.

EXTRACT 504 (Hispanic)

51 labs



Extract 504. This cell from an Hispanic donor was the reference cell, BCK, and serves as a reference for B*15:01:01:01 and B*27:08. It was typed in the workshops as IHW#9262. The cell was previously typed in the Cell Exchange as extracts 99 (1999) and 166 (2001) for class I and as TER-243 (1999) for class II.

In this present retyping, B*27:08 was assigned by 47% and B*15:01 by 37%.

A*02:01 and A*32:01 were reported by 37% and 49%, respectively.

The C-locus types were affirmed as C*03:04 and C*06:02 by 49%.

The class II typing of this cell was DRB1*11:01, DRB1*15:01, DRB3*02:02, DRB5*01:01, DQB1*03:01, DQB1*05:02, DQA1*01:02, DQA1*05:01, DPB1*02:01, DPB1*04:02.

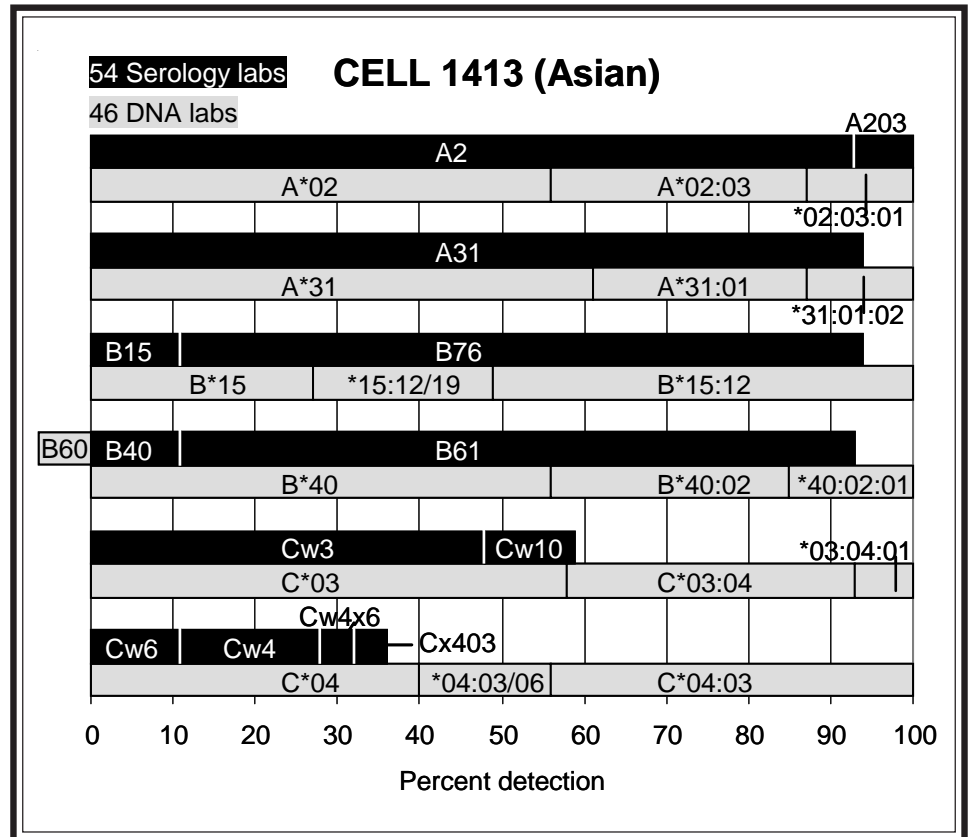
Cell Exchange

Cell 1413. B76 was detected by 83% in this cell from an Asian donor. Half of the labs assigned B*15:12 (51%) and another 22% reported B*15:12/19.

B61 (82%) was the second B-locus antigen, confirmed as B*40:02 (44%).

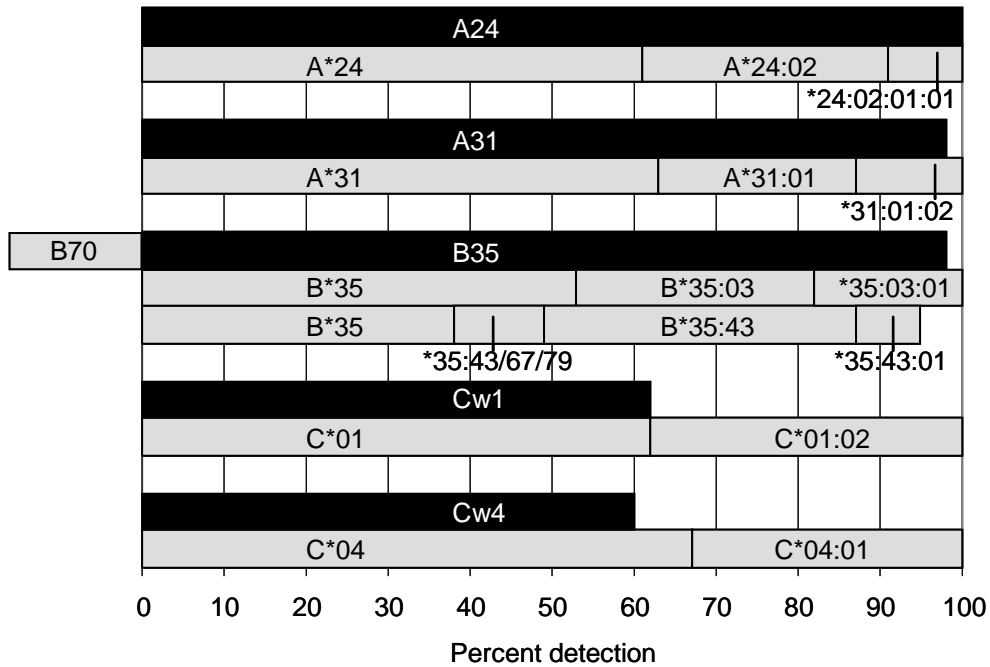
Cw3 (59%) was validated as C*03:04 (42%). The second C-locus type was the antigen encoded by C*04:03 (44%), as Cw4 (17%), Cw6 (11%), C403 (4%) and Cw4x6 (4%) were reported.

A parent of this donor was typed as cell 971 in 1998 with the class I typing as A*02:03, A*31:01:02, B*54:01, B*40:02, C*01:02, C*03:04. In addition, a sibling was typed as part of the family study; therefore, the haplotypes in this present cell were determined to be A*31:01:02-B*40:02-C*03:04 and A*02:03-B*15:12-C*04:03. Lopez-Cepero commented that it was unusual to find the B*15:12-C*04:03 association. Of the previous 9 B*15:12 exchange donors, 7 (cells 837, 945, 962, 1024, 1054, 1330, 1376) had the more commonly found B*15:12-C*03:03 and 2 donors (extracts 67 and 171) had the B*15:12-C*03:04 association. The NMDP Bioinformatics web site listed the frequencies for the following associations found in Asian Americans: B*15:12g-C*0:303 with HF=0.00163, B*15:12g-C*04:03 with HF=0.00124, B*15:12g-C*03:04 with HF=0.00084, and B*15:12g-C*08:01 with HF=0.00082. These associations were restricted to Asians only. The web site indicated A*02:03-B*15:12g-C*04:03 with HF=0.00093.



53 Serology labs CELL 1414 (Hispanic)

46 DNA labs



Cell 1414. Labs had no problem in detecting B35 (98%). However, a number of labs (Abbal, Dunk, Dunn, Keown, Askar and Pidwell, Pollack) noted additional anti-B70 (17%) reactivity. Two different B*35 alleles, B*35:03 (47%) and B*35:43 (46%) were discriminated.

Cw1 (62%) and Cw4 (60%) were validated as C*01:02 (38%) and C*04:01 (33%), respectively.

B*35:03-C*04:01 and B*35:43-C*01:02 are known strong associations.

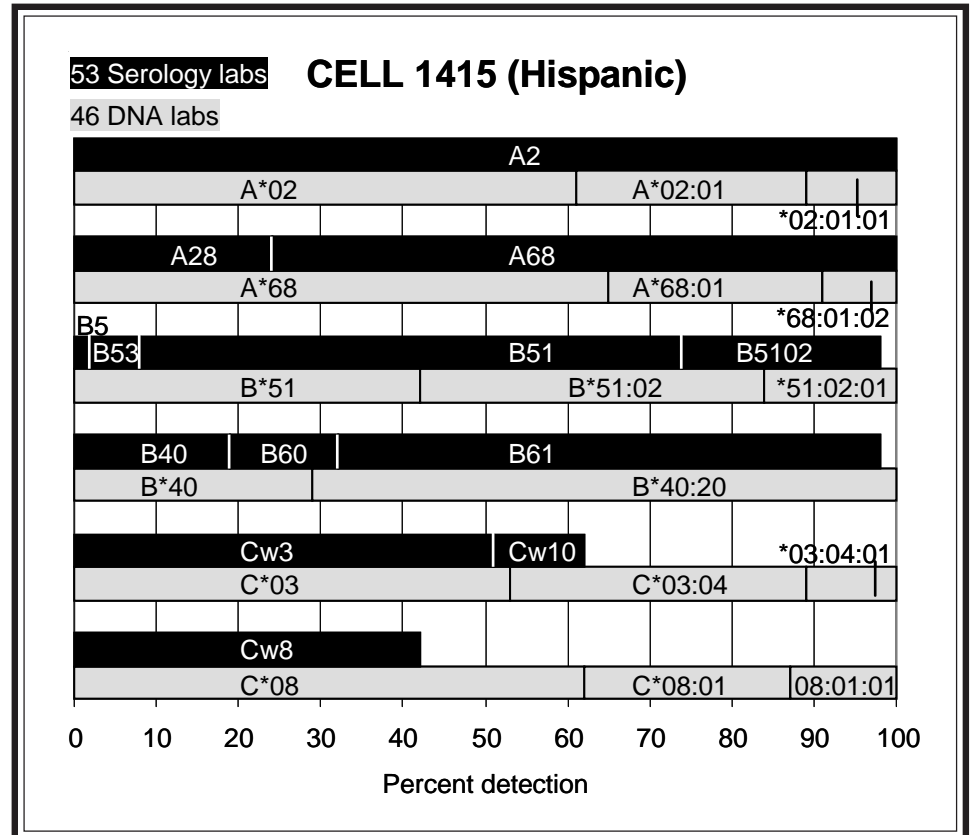
Cell 1415. This Hispanic donor with unusual types was previously typed as cell 1386 (2010), as noted by Brown and Mah. In the 2010 typing, B*40:20, as detected by 72%, was typed for the first time in the Cell Exchange. Pimtanonthai et al. (8), described B*40:20 as most similar to B*40:03, except at codon 97 (AGC→AGG), with an amino acid change from serine to arginine (S→R).

In this present retyping, B61 was assigned by 66%, B40 by 19%, and B60 by 13%. B61 (77%) was assigned in the previous typing. Arnold and Esteves Kondo noted unusual anti-B40 reactivity patterns. B*40:20 was reported by 71%.

Presence of the B5 variant, B5102, resulted in reportings of B51 (66%), B5102 (25%), and B53 (6%), with comments of inconsistent anti-B51, -B53, and/or -B35 reactivity from Dunk, Pollack, and Stavropoulos. B*51:02 was detected by 58%.

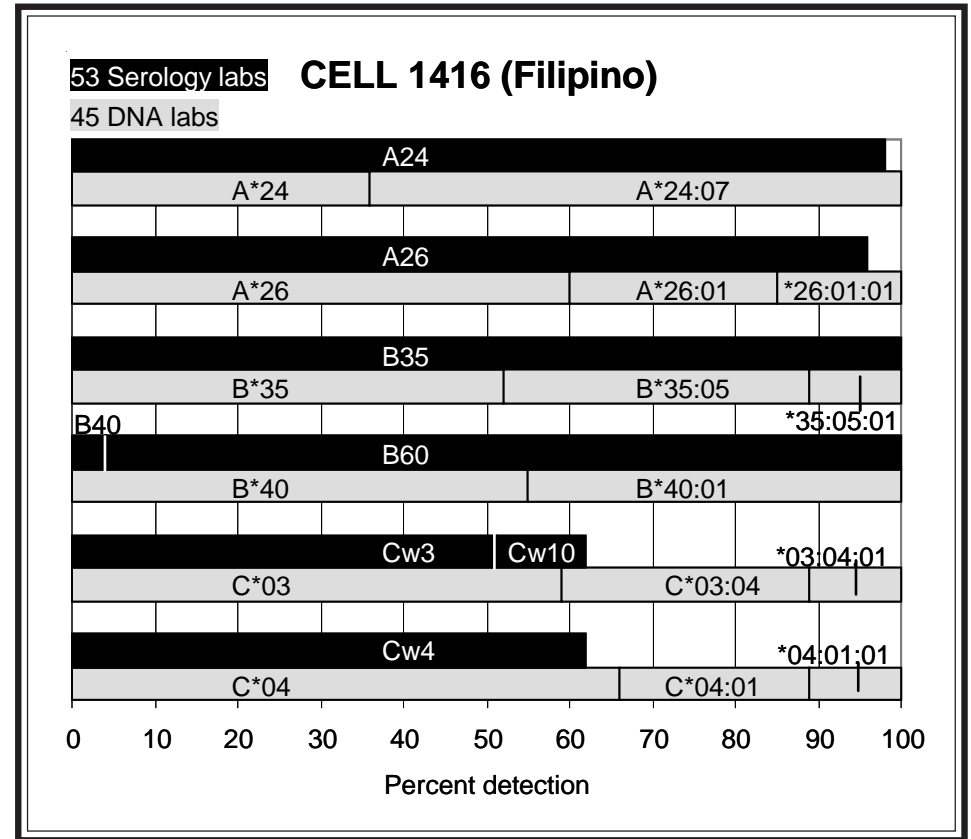
A2 (100%) and A68 (76%) were well typed, confirmed as A*02:01 (39%) and A*68:01 (35%), respectively.

The probable haplotypes were A*02:01-B*51:02-C*08:01 and A*68:01-B*40:20-C*03:04. B*51:02-C*08:01 is a strong association found in Hispanic and Native American populations, with HF=0.00583 in Hispanics, according to the NMDP Bioinformatics web site. As mentioned in the previous report for this cell, A*68-B*40:20 was present in both B*40:20 reference cells, 010818557 and 290-596, from Hispanic donors.



Cell 1416. This Filipino donor was well typed as A24, A26, B35, B60, Cw3 (Cw10), Cw4. The high-resolution class I was A*24:07, A*26:01, B*35:05, B*40:01, C*03:04, C*04:01.

The likely associations in the cell were A*24:07-B*35:05-C*04:01 and A*26:01-B*40:01-C*03:04. A*24:07-B*35:05-C*04:01 is commonly found in Asians, with HF=0.00695 and is ranked 27th in haplotypes found in Asian Americans. A*24:07 and B*35:05 have been detected in a number of exchange cells from Filipino donors.



References

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NEXT MAILING DATE: March 9, 2011

Marie Lau, Arlene Locke, J. Michael Cecka, and Elaine F. Reed

 * *
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| Cecka PhD,J.Michael | Honolulu HI | Iwaki,Dr Yui | San Bernardino CA | Reed PhD,Elaine F. | Los Angeles CA |
| Cecka PhD,Michael | Los Angeles CA | Jaatinen,Dr Taina | Helsinki | Rees,Dr Tracey | Pontyclun Wale |
| Chan MD,Prof Soh Ha | Singapore | Jaramillo PhD,Andres | Itasca IL | Reinke MD,Dennis | Bismarck ND |
| Charlton PhD,Ronald | Jacksonville FL | Kamoun MD,Malek | Philadelphia PA | Reinsmoen PhD,Nancy | Los Angeles CA |
| Charron,Prof D. | Paris Cedex 10 | Kanangat PhD,Siva | Chicago IL | Roberts,Chrissy H. | London England |
| Chen,Dr Dong-Feng | Durham NC | Kato MD,Shunichi | Isehara,Kanaga | Rosen-Bronson PhD,Sa | Washington DC |
| Claas,Prof F.H.J. | Leiden | Keown MD,Paul | Vancouver BC | Rost & Klein, Drs | Martinsried |
| Clark,Dr Brendan | Leeds England | Kihara,Masaaki | Tokyo | Rubocki PhD,Ronald | Scarborough ME |
| Cohen,Prof JHM | Reims | Kim,Prof Tai-Gyu | Seoul | Sage,Dr Deborah | London England |
| Colombe PhD,Beth W. | Philadelphia PA | Klein MD,Jon | Louisville KY | Schroeder MD,M.L. | Winnipeg MB |
| Costeas,Dr Paul A. | Nicosia | Klein,Dr Tirza | Petach Tikva | Scornik,Dr Juan C. | Gainesville FL |
| Crowe PhD,Deborah | Nashville TN | Klein_LR, | Petach Tikva | Semana MD PhD,Gilber | Rennes |
| Daniel PhD,Claude | Laval PQ | Koh MD,Eun-mi | Seoul | Senitzer PhD,David | Duarte CA |
| Daniel,Dr Dolly | Tamil Nadu | KuKuruga PhD,Debra | Baltimore MD | Shai,Isaac | Medunsa |
| Danilovs PhD,John | Phoenix AZ | Kusnierczyk PhD,Piot | Wroclaw | Shanmugam,Dr Hemalat | Kuala Lumpur |
| del Pozo,Dr Ana | Buenos Aires | Kvam,Vonnett | Waukesha WI | Sinnott & Gupta, | London |
| Dhaliwal,J.S. | Kuala Lumpur | Land,Dr Geoffrey A. | Houston TX | Stamm,Luz | Calgary AB |
| Dinauer,David | Brown Deer WI | Lanzer,Prof G. | Graz | Stastny MD,Peter | Dallas TX |
| Du PhD,Keming | Shanghai | Lardy,Dr N.M. | Amsterdam | Stavropoulos,Maria | New Haven CT |
| Dunk,Arthur | Lauderhill FL | Lee PhD,Kyung Wha | Anyang,Kyungki | Suciu-Foca PhD,Nicol | New York NY |
| Dunn,Dr Dale | Lubbock TX | Lee,Dr Jar-How | Canoga Park CA | Sullivan PhD,Karen | New Orleans LA |
| Dunn,Dr Paul | Auckland | Leech MD PhD,Stephen | Philadelphia PA | Sutton,Maggie | Oxford England |
| Dupont MD,Bo | New York NY | Lim MD,Young Ae | Suwon | Tagliere,Jacque | Los Angeles CA |
| Eckels/CPMC, | San Francisco CA | Linke,Robert | Stamford CT | Tambur,Anat | Chicago IL |
| Eckels/Utah, | Salt Lake City UT | Lo MD,Raymundo W. | Quezon City | Tavoularis,Dr Sofia | Ottawa ON |
| Elkhalifa MD PhD,Moh | Riyadh | Loewenthal MD PhD,Ro | Tel-Hashomer | Thoni MD,Deborah | Orlando FL |
| Ellis PhD,Thomas | Milwaukee WI | Lopez-Cepero PhD,May | Tampa | Tiercy,Dr Jean-Marie | Geneva 14 |
| Enczmann,Dr J. | Dusseldorf | MacCann,Eileen | Providence RI | Tilanus,Prof Marcel | Maastricht |
| Endres,Dr Robert O. | Tempe AZ | Madrigal,Prof J.A. | London England | Trachtenberg PhD,Eli | Oakland CA |
| Esteves Kondo,Debra | Canoga Park CA | Mah,Helen | Boston MA | Trowsdale,Prof John | Cambridge |
| Esteves-Kondo,Debra | Canoga Park CA | Mani,Dr Rama | Chennai,Tamil | Turner PhD,E.V. | Memphis TN |
| Fagoaga,Dr Omar | Detroit MI | Marino,Susana R. | Chicago IL | Tyan,Dr Dolly | Palo Alto CA |
| Fernandez-Vina & Can | Houston TX | Marsh,Prof Steven | London England | Uhrberg,Dr Markus | Dusseldorf |
| Fort D,Marylise | Toulouse Cedex | Masuo,Kiyoe | Tokyo | Varnavidou-Nico,Dr A | Nicosia |
| Fuessel PhD,Monika | Dresden | McAlack PhD,Robert | Philadelphia PA | Vidan-Jeras,Blanka | Ljubljana |
| Gandhi MD,Manish | Rochester MN | McAlack-Hanau, | Philadelphia PA | Vilches,Dr Carlos | Madrid |
| Gardiner PhD,Clair M | Dublin | McCluskey,Prof James | Adelaide, So A | Walter Reed Army Med | Washington DC |
| Gautreaux,Dr Michael | Winston-Salem NC | McIntyre PhD,John A. | Beech Grove IN | Watkins PhD,David I. | Madison WI |

| | | | | | | | |
|----------------------|----------|----|----------------------|----------------|----------------------|----------------|----|
| Gideoni,Osnat | Haifa | | Meyer,Pieter Wa | Pretoria, Gaut | Watson,Narelle | Sydney NSW | |
| Gideoni_LR, | Haifa | | Mpuntsha,Dr Loyiso | Johannesburg | Wisecarver MD PhD,Ja | Omaha | NE |
| Gillespie,Dr Kathlee | Bristol | | Muncher,Dr Liora | Rehovot | Witt,Campbell | Perth - West A | |
| Gladman/Pellet,Polla | Toronto | ON | Muncher_LR, | Rehovot | Yu,Dr Neng | Dedham | MA |
| Gomez,Carmen | Miami | FL | Mytilineos MD,Joanni | Ulm | Yu,Dr Neng | Worcester | MA |
| Gomez,Carmen | Miami | FL | Nelson PhD,Karen | Seattle | Zachary PhD,Andrea | Baltimore | MD |
| Gottwald & Hess, | Lich | | Noreen,Harriet | Minneapolis | Zeevi PhD,Adriana | Pittsburgh | PA |
| Graff,Dr Ralph J. | St Louis | MO | Norin,Dr Allen | Brooklyn | | | |
| Hahn PhD,Amy B. | Albany | NY | Olerup,Olle | Saltsjobaden | | | |

B-CELL LINE TER-447

| CTR | DIRNAME | DRB1 | DRB1X | DRB3 | DRB5 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | METHOD |
|------|----------------|--------|--------------|--------------|--------|----------------------|-----------|------------|--------------|----------------|----------------|
| 4079 | Abbal, Michel | *14:13 | *16:02 | | | *03:01 | *03:01 | | | | SSP,SSO |
| 5488 | Adams, Sharon | *1413 | *160201 | *0101 | *0202 | *030101 | | *05 | *05 | *0402 | SBT, RSSO, SSP |
| 4691 | Ajlan, Abdula | *14 | *16 | | | *03 | *03 | | | | SSO |
| 5133 | Baker, Judy | *1413 | *1602/11/14 | *0101/12/13 | *0202 | *0301/21/22/4 | | | | | SSP |
| 2020 | Bernardo, Mar | *14:13 | *16:02:01 | *01:01/04 | *02:02 | *03:01:01 | | *05:03/06+ | *05:01/05+ | *04:02 | P-SSP, SBT |
| 774 | Cecka, J. Mich | *14:13 | *16:02/11/14 | *01:01/12/13 | *02:02 | *03:01/21/22/24 | | *05:03/06+ | *05:05/08/09 | | SSP, SSOP |
| 785 | Chan, Soh Ha | *1413 | *160201 | *010102 | | *0301/13/19+ | *0301/16 | *0501/03+ | | | SBT |
| 5232 | Charlton, Ron | *1413 | *1602 | *0101 | *0202 | *0301 | *0301 | | | | SSP, SSO |
| 4492 | Charron, D. | *14:13 | *16:02/14/16 | *01:01 | *02:02 | *03:01 | | *05:03 | *05:09/05 | *04:02 | P-SSO, SSP |
| 3224 | Chen, Dongfen | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | *05:03/07 | *05:05/09 | | SBT, SSP, RSSO |
| 8021 | Clark, Brenda | *1413 | *1602 | *01 | *02:02 | *0301/21/22/24 | | | | *04:02 | P-SSP, SSO |
| 3632 | Colombe, Beth | *1413 | *1602 | *0101 | *0202 | *0301 | | | | | SSP, SSO |
| 5130 | Costeas, Paul | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | *05:03 | *05:05 | | SSO, SSP |
| 779 | Daniel, Claud | *14 | *16 | ++ | ++ | *03(DQ7) | | | | | P-SSP |
| 5219 | Daniel, Dolly | *14 | *16 | ++ | ++ | *03 | *03 | | | | P-SSOP |
| 8052 | Del Pozo, Ana | *1413 | *1602 | | | | | | | | SSO |
| 5323 | Dhaliwal, J.S | *1413 | *1602 | *01 | *0202 | *0301/04 | | | | | P-SSP, SSO |
| 5891 | Du, Keming | *1413 | *1602 | | | *0301 | *0301 | | | | P-SBT |
| 856 | Dupont, Bo | *14:13 | *16:02/10-12 | | | *03:01/19/21+ | *03:01:03 | | | | SSO |
| 5214 | Eckels/CPMC | *1413 | *1602 | *0101 | *0202 | *0301 | *03(DQ7) | *05 | *05 | *0402 | SSO |
| 3428 | Eckels/Utah | *1413 | *1602 | *0101 | *0202 | *0301 | *0301/24 | *0503/07 | *0501 | *0402/*0602 | SSOP |
| 2332 | Elkhalifa, Mo | *14:13 | *16:02 | | | *03:01 | *03:01/24 | | | | RVSSO |
| 4251 | Ellis, Thomas | *14:13 | *16:02 | *01 | *02:02 | *03:01 | *03:01 | *05 | *05 | *04:02/*105:01 | P-SSO, SEQ |
| 3135 | Fischer, John | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | | | *04:02 | SBT, P-SSP |
| 762 | Fischer/Mayr | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | *05:03 | *05:05 | *04:02 | SSO, LSBT, SBT |
| 792 | Gandhi, Manis | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | *05:03 | *05:05 | | SSO, SSP |
| 8043 | Gideoni, Osna | *14:13 | *16:02 | | | *03:01 | | | | | SSP, SSOP |
| 9002 | Gideoni_LR | *14 | *16 | | | *03 | | *05 | | | SSOP, SSP |
| 910 | Hahn, Amy B. | *14:13 | *16:02/11/14 | *01:01/12/13 | *02:02 | *03:01/21/22/24 | | | | | SSP |
| 810 | Hanmi, Nuha | *1413 | *1602 | | | *0301 | *0324 | *0503 | *0505 | | SSO |
| 4269 | Hanau, Daniel | *1413 | *1602 | | | *0301 | | *0503 | *0505/09 | *0402 | SSP, SBT-DR |
| 1461 | Hidajat, M. | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | | | *04:02 | SSO, SSP, SBT |
| 2344 | Hurley/Hartz | *1413 | *160201 | | | *030101/0104+ | *030101+ | | | *0402/*0602 | SBT, SSOP |
| 771 | Israel, Shosh | *1413 | *1602 | | | *0301 | | | | | RVSSO, SSP |
| 9003 | Israel_LR | *14 | *16 | | | *03 | | | | | RVSSO |
| 794 | Jaatinen, Tai | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | | | *04:02/*105:01 | SBT, SSO, SSP |
| 748 | Jaramillo, An | *14 | *16 | *01 | *02 | *03(DQ7) | | | | | SSO |
| 859 | Kamoun, Malek | *14:13 | *16:02 | *01:01 | *02:02 | *03:01/24 | | *05:03 | *05:05 | | SBT, SSO, SSP |
| 797 | Kato, Shunich | *14:13 | *16:02 | | | *03:01/24 | | *05:03/07 | *05:05/09 | | SSO, SBT |
| 4337 | Kim, Tai-Gyu | *14:13 | *16:02 | | | *0301/09/19/21/22/24 | | | | *04:02 | SBT |
| 168 | Klein, Tirza | *14:13 | *16:02 | | | *03:01 | *03:01 | | | | P-SSP, SSO |
| 9000 | Klein_LR | *14 | *16 | | | *03 | *03 | | | | P-SSP, SSOP |
| 5096 | Koh, Eun-mi | *14 | *16 | | | | | | | | P-SSO |
| 87 | Land, Geoffre | *1413 | *1602 | *0101 | *0202 | *0301 | *0301 | *0503 | *0505 | *0402 | SBT, SSP, SSO |
| 725 | Lardy, N.M. | *14 | *16 | ++ | ++ | *03 | | *05:03 | *05:05 | | SSO, SSP |
| 640 | Lee, Kyung Wh | *14:13 | *16:02 | | | *03:01:01G | | *05:03 | *05:05 | | P-SBT |
| 6649 | Lim, Young Ae | *14 | *16 | ++ | ++ | | | | | | P-SSP |
| 274 | Lo, Raymundo | *14 | *16 | ++ | ++ | *0301 | | | | | SSP |
| 731 | Loewenthal, R | *14:13 | *16:02:01 | | | *03 | | | | | SBT, SSO |
| 759 | Lopez-Cepero | *1413 | *1602 | | | *0301/19 | *0301/24 | *0503/07 | *0501 | *0402/*0602 | RVSSO |
| 23 | Mah, Helen | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | *03:01/24 | *05:03/07 | *05:05/09 | *04:02 | SSO, SSP |
| 8029 | Mani, Rama | *14 | *16 | ++ | ++ | | | | | | P-SSP |
| 206 | McAlack-Hana | *14 | *16 | *01 | *02 | *03 | *03 | | | | RVSSOP |
| 9916 | McIntyre, Joh | *14:13 | *16:02:01 | *01:01:02:01 | *02:02 | *03:01 | | | | | SSP, SBT |
| 8042 | Muncher, Lior | *1413 | *1602 | | | *0301 | | | | | |
| 8065 | Padua, Flore | *14:13 | *16 | *01 | *01 | *03:01 | | | | | SSP |
| 3648 | Pereira, Noem | *14:13 | *16:02 | | | *03:01 | *03:01 | *05 | *05 | | RVSSO, SBT |

B-CELL LINE TER-447

| CTR DIRNAME | DRB1 | DRB1X | DRB3 | DRB5 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | METHOD |
|--------------------|--------|-----------|-----------|--------|-----------|-----------|-----------|--------------|--------|----------------|
| 3966 Permpikul&Ve | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | | | | P-SSP |
| 2400 Phelan, Donna | *1413 | *1602 | *01 | *02 | *0301 | | | | | RSSO, SBT, SSP |
| 735 Ramon, Daniel | *14:13 | *16:02 | *01:01 | *02:02 | *03:01/24 | | *05:03/07 | *05:05/09/10 | *04:02 | SBT, RSSO, SSP |
| 3753 Reed, Elaine | *1413 | *1602 | *0101 | *0202 | *0301 | *0301 | *0503/07 | *0505/09 | | SBT, SSO |
| 3798 Reinsmoen, N | *14:13 | *16:02:01 | *01:01 | *02:02 | *03:01 | *03:01/24 | *05:03 | *05:05 | *04:02 | SSP, SSO, SBT |
| 1160 Rosen-Bronso | *14:13 | *16:02 | *01:01 | *02:02 | *03 | | | | | RVSSO, SSP |
| 793 Rubocki, Rona | *14 | *16 | *+ | *+ | *03(DQ7) | | | | | SSP |
| 3519 Semana, Gilbe | *1413 | *1602 | *0101 | *0202 | *0301 | | | | *0402 | SBT, P-SSP |
| 8001 Sheikh, Maqso | *14:13 | *16:02 | *01:01 | *02:02 | *03:01/24 | | | | *04:02 | RVSSOP, SSP |
| 746 Stamm, Luz | *14:13 | *16:02 | *01 | *02 | *03:01 | *03:01 | | | | RSSO, SSP, SBT |
| 13 Tagliere, Jac | *14:13 | *16:02 | *01:01 | *02:02 | *03:01 | | | | | SSP |
| 769 Tavoularis, S | *14:13 | *16:02:01 | *01:01 | *02:02 | *03:01:01 | | | | *04:02 | SSO, SBT, SSP |
| 747 Tiercy, Jean- | *14:13 | *16:02:01 | *01:01 | *02:02 | *03:01 | | | | *04:02 | SBT, SSO, SSP |
| 5451 Tilanus, Marc | *14:13 | *16:02:01 | *01:01:02 | *02:02 | *03:01:01 | | *05:03 | *05:05 | *04:02 | SBT |
| 4021 Trachtenberg | *1413 | *16 | *01 | *02 | *03 | | | | | RVSSO |
| 5462 Turner, E.V. | *14:13 | *16:02:01 | *01:01 | *02:02 | *03:01 | | | | *04:02 | SEQ, SSO, SSP |
| 5642 Varnavidou-N | *14:13 | *16:02/11 | *+ | *+ | *03:01/19 | *03:01/19 | | | | P-SSP |
| 3511 Zeevi, Adrian | *1413 | *1602 | *0101 | *0202 | *0301 | | *0503 | *0505 | *0402 | RVSSOP, SSP |

| CTR DIRNAME | DR14 | DR16 | DR52 | DR51 | DQ7 | DQ3X | OTH1 | OTH2 |
|--------------------|------|------|------|------|-----|------|-----------|------|
| 4492 Charron, D. | + | DR2 | + | + | DQ3 | | | |
| 910 Hahn, Amy B. | + | + | + | + | + | DQ3 | DR17 | |
| 4908 Kvam, Vonnett | + | + | + | + | + | DQ8 | | |
| 54 McAlack, Robe | + | + | + | + | + | | | |
| 8004 Pais, Maria L | + | + | + | + | + | | | |
| 793 Rubocki, Rona | + | + | + | + | + | | | |
| 8063 Shai, Isaac | | | + | + | + | DQ8 | DR4, DR15 | |

B-CELL LINE TER-447 (SoAmer Indian)

75 DNA LABS

75 LABS REPORTING DRB1

| | |
|---------------|------------|
| DRB1*14 | 18% |
| DRB1*14:13 | 51% |
| DRB1*1413 | 31% |
| DRB1*14 | 100% TOTAL |
| DRB1*16 | 29% |
| DRB1*16:02 | 32% |
| DRB1*1602 | 24% |
| DRB1*16:02:01 | 11% |
| DRB1*160201 | 4% |
| DRB1*16 | 100% TOTAL |

71 LABS REPORTING DQB1

| | |
|---------------|------------|
| DQB1*03 | 41% |
| DQB1*03:01 | 32% |
| DQB1*0301 | 21% |
| DQB1*03:01:01 | 4% |
| DQB1*030101 | 2% |
| DQB1*03 | 100% TOTAL |

28 LABS REPORTING DQA1

| | |
|---------------|------------|
| DQA1*05 | 29% |
| DQA1*05:03/07 | 14% |
| DQA1*0503/07 | 11% |
| DQA1*05:03 | 32% |
| DQA1*0503 | 14% |
| DQA1*05 | 100% TOTAL |
| DQA1*05 | 32% |
| DQA1*05:05/09 | 11% |
| DQA1*0505/09 | 11% |
| DQA1*0501 | 7% |
| DQA1*05:05 | 28% |
| DQA1*0505 | 11% |
| DQA1*05 | 100% TOTAL |

52 LABS REPORTING DRB3

| | |
|---------------|-----|
| DRB3*+ | 15% |
| DRB3*01:01 | 37% |
| DRB3*0101 | 17% |
| DRB3*01:01:02 | 2% |
| DRB3*010102 | 2% |
| DRB3*01010201 | 2% |
| DRB3*01 | 25% |

23 LABS REPORTING DPB1

| | |
|-------------------|-----|
| DPB1*04:02/105:01 | 8% |
| DPB1*0402/*0602 | 11% |
| DPB1*04:02 | 58% |
| DPB1*0402 | 23% |

52 LABS REPORTING DRB5

| | |
|------------|-----|
| DRB5*+ | 15% |
| DRB5*02:02 | 50% |
| DRB5*0202 | 21% |
| DRB5*02 | 10% |

7 SEROLOGY LABS

| | |
|------|------------|
| DR14 | 85% |
| DR2 | 14% |
| DR15 | 14% |
| DR16 | 72% |
| DR2 | 100% TOTAL |
| DR52 | 100% |
| DR51 | 100% |

| | |
|-----|-----------|
| DQ3 | 14% |
| DQ7 | 72% |
| DQ3 | 86% TOTAL |

B-CELL LINE TER-448

| CTR DIRNAME | DRB1 | DRB1X | DRB3 | DRB4 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | METHOD |
|---------------------|---------------|--------|--------------|---------------|------------|------------|--------|--------|-------------|----------------|
| 4079 Abbal, Michel | *07:01 | *14:21 | | | *03:03 | *06:03 | | | | P-SSP, SSO |
| 5488 Adams, Sharon | *070101 | *1421 | *0101 | *01030102N | *0303 | *0603 | *0103 | *0201 | *040101 | SBT, RSSO, SSP |
| 4691 Ajlan, Abdula | *07 | *14 | | | *03 | *06 | | | | SSO |
| 5133 Baker, Judy | *0701/13-17 | *1421 | *0101/12/13 | *0103N | *0303 | *0603 | | | | SSP |
| 2020 Bernardo, Mar | *07:01:01 | *14:21 | *01:01/04 | *01:03:01:02N | *03:03:02 | *06:03:01 | *01:03 | *02:01 | *04:01:01 | P-SSP, SBT |
| 774 Cecka, J. Mich | *07:01/13-17 | *14:21 | *01:01/12/13 | *01:03:01:02N | | | *01:03 | *02:01 | | SSP, SSOP |
| 785 Chan, Soh Ha | *070101 | *1421 | *010102 | *010301 | *0303/12+ | *0603 | *0103 | *0201 | | SBT |
| 5232 Charlton, Ron | *0701 | *1421 | *0101 | *0103 | *0303 | *0603 | | | | SSP, SSO |
| 4492 Charron, D. | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03/40 | *01:03 | *02:01 | *04:01 | P-SSO, SSP |
| 3224 Chen, Dongfen | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | *01:03 | *02:01 | | SBT, SSP, RSSO |
| 8021 Clark, Brenda | *0701 | *1421 | *01 | *01030102N | *0303 | *0603 | | | *0401 | P-SSP, SSO |
| 3632 Colombe, Beth | *0701 | *1421 | *0101 | *0103N | *0303 | *0603 | | | | SSP, SSO |
| 5130 Costeas, Paul | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | *01:03 | *02:01 | | SSO, SSP |
| 779 Daniel, Claud | *07 | *14 | ** | *01030102N | *03(DQ7) | *06 | | | | P-SSP |
| 5219 Daniel, Dolly | *07 | *14 | ** | ** | *03 | *06 | | | | P-SSOP |
| 8052 Del Pozo, Ana | *07 | *1421 | | | | | | | | SSO |
| 5323 Dhaliwal, J.S | *0701 | *1421 | *01 | *0103 | *0303 | *0603 | | | | P-SSP, SSO |
| 5891 Du, Keming | *0701 | *1421 | | | *0303 | *0603 | | | | P-SBT |
| 856 Dupont, Bo | *07:01:01:01+ | *14:21 | | | *03:03:02+ | *06:03:01+ | | | | SSO |
| 5214 Eckels/CPMC | *07 | *1421 | *0101 | *0103N | *0303 | *0603 | *0103 | *0201 | *0401 | SSO |
| 3428 Eckels/Utah | *0701 | *1421 | *0101 | *0103N | *0303 | *0603 | *0103 | *0201 | *0401/*2402 | SSOP |
| 2332 Elkhalfifa, Mo | *07:01 | *14:21 | | | *03:03 | *06:03 | | | | RVSSO |
| 4251 Ellis, Thomas | *07:01 | *14:21 | *01 | *01:01/03/06 | *03:03 | *06:03 | *01 | *02 | *04:01 | P-SSO, SEQ |
| 3135 Fischer, John | *07:01 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | | | *04:01 | SBT, P-SSP |
| 762 Fischer/Mayr | *07:01 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | *01:03 | *02:01 | *04:01 | SSO, LBT, SBT |
| 792 Gandhi, Manis | *07:01 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | *01:03 | *02:01 | | SSO, SSP |
| 8043 Gideon, Osna | *07:01 | *14:21 | | | *03:03 | *06:03 | *01:03 | *02:01 | | SSP, SSOP |
| 9002 Gideoni_LR | *07 | *14 | | | *03 | *06 | *01 | *02 | | SSOP, SSP |
| 910 Hahn, Amy B. | *07:01/13-17 | *14:21 | *01:01/12/13 | *01:03:01:02N | *03:03 | *06:03 | | | | SSP |
| 810 Hamdi, Nuha | *0701 | *1421 | | | *0303 | *0603 | *0103 | *0201 | | SSO |
| 4269 Hanau, Daniel | *0701 | *1421 | | | *0303 | *0603/40 | *0103 | *0201 | *0401 | SSP, SBT-DR |
| 1461 Hidajat, M. | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | | | *0401 | SSO, SSP, SBT |
| 2344 Hurley/Hartz | *07010101 | *1421 | | | *030302 | *060301 | | | *040101 | SBT, SSOP |
| 771 Israel, Shosh | *0701 | *1421 | | | *0303 | *0603 | | | | RVSSO, SSP |
| 9003 Israel_LR | *07 | *14 | | | *03 | *06 | | | | RVSSO |
| 748 Jaramillo, An | *07 | *14 | *01 | *01 | *03(DQ9) | *06 | | | | SSO |
| 859 Kamoun, Malek | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | *01:03 | *02:01 | | SBT, SSO, SSP |
| 797 Kato, Shunich | *07:01 | *14:21 | | | *03:03 | *06:03 | *01:03 | *02:01 | | SSO, SBT |
| 4337 Kim, Tai-Gyu | *07:01 | *14:21 | | | *03:03 | *06:03 | | | *04:01 | SBT |
| 168 Klein, Tirza | NT | | | | | | | | | |
| 9000 Klein_LR | *07 | *14 | | | *03 | *06 | | | | P-SSP, SSOP |
| 5096 Koh, Eun-mi | *07 | *14 | | | | | | | | P-SSO |
| 87 Land, Geoffre | *0701 | *1421 | *0101 | *0103N | *0303 | *0603 | *0103 | *0201 | *0401 | SBT, SSP, SSO |
| 725 Lardy, N.M. | *07 | *14 | ** | ** | *03 | *06 | *01:03 | *02:01 | | SSO, SSP |
| 640 Lee, Kyung Wh | *07:01 | *14:21 | | | *03:03 | *06:03 | *01:03 | *02:01 | | P-SBT |
| 6649 Lim, Young Ae | *07 | *14 | ** | ** | | | | | | P-SSP |
| 274 Lo, Raymundo | *07 | *14 | ** | ** | | *06 | | | | SSP |
| 731 Loewenthal, R | *07:01 | *14:21 | | | *03:03 | *06:03/14 | | | | SBT, SSO |
| 759 Lopez-Cepero | *0701/03/05+ | *1421 | | | *0303 | *0603 | *0103 | *0201 | *0401/*2402 | RVSSO |
| 23 Mah, Helen | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | *01:03 | *02:01 | *04:01 | SSO, SSP |
| 8029 Mani, Rama | *07 | *14 | ** | ** | | | | | | P-SSP |
| 206 McAlack-Hana | *07 | *14 | *01 | *01 | *03(DQ9) | *06 | | | | RVSSOP |
| 9916 McIntyre, Joh | *07:01:01 | *14:21 | *01:01:02:01 | *01:03:01:02N | *03:03:02 | *06:03/40 | | | | SSP, SBT |
| 794 Merenmies, Ju | *07:01 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | | | *04:01 | SBT, SSO, SSP |
| 8042 Muncher, Lior | *0701 | *1421 | | | *0303 | *0603 | | | | |
| 8065 Padua, Flore | *07 | *14 | *01 | *01 | *03:03 | *06 | | | | SSP |
| 3648 Pereira, Noem | *07:01 | *14:21 | | | *03:03 | *06:03 | *01 | *02 | | RVSSO, SBT |

B-CELL LINE TER-448

| CTR DIRNAME | DRB1 | DRB1X | DRB3 | DRB4 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | METHOD |
|--------------------|--------------|--------|-----------|---------------|-----------|-----------|--------|--------|-------------------|----------------|
| 3966 Permpikul&Ve | *07:01 | *14:21 | *01:01 | *01:03 | *03:03 | *06:03 | | | | P-SSP |
| 2400 Phelan, Donna | *0701 | *1421 | *01 | *0103N | *0303 | *0603 | | | | RSSO, SBT, SSP |
| 3753 Reed, Elaine | *0701 | *1421 | *0101 | *0103N | *0303 | *0603 | *0103 | *0201 | | SBT, SSO |
| 3798 Reinsmoen, N | *07:01:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03:02 | *06:03 | *01:03 | *02:01 | *04:01:01 | SSP, SSO, SBT |
| 1160 Rosen-Bronso | *07 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | | | | RVSSO, SSP |
| 793 Rubocki, Rona | *07 | *14 | *+ | *01030102N | *03(DQ9) | *06 | | | | SSP |
| 3519 Semana, Gilbe | *0701 | *1421 | *0101 | *0103N | *0303 | *0603 | | | *0401 | SBT, P-SSP |
| 8001 Sheikh, Maqso | *07:01/15-17 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | | | *04:01 | RVSSOP, SSP |
| 746 Stamm, Luz | *07:01 | *14:21 | *01 | *01/*02 | *03:03 | *06:03 | | | | RSSO, SSP, SBT |
| 13 Tagliere, Jac | *07:01 | *14:21 | *01:01 | *01:03N | *03:03 | *06:03 | | | | SSP |
| 769 Tavoularis, S | *07:01:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | | | *04:01:01/*126:01 | SSO, SBT, SSP |
| 747 Tiercy, Jean- | *07:01:01G | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | | | *04:01:01G | SBT, SSO, SSP |
| 5451 Tilanus, Marc | *07:01:01 | *14:21 | *01:01:02 | *01:03:01:02N | *03:03:02 | *06:03:01 | *01:03 | *02:01 | *04:01:01 | SBT |
| 4021 Trachtenberg | *07 | *14 | *01 | *01/*0201N | *03 | *06 | | | | RVSSO |
| 5462 Turner, E.V. | *07:01:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | | | *04:01 | SEQ, SSO, SSP |
| 735 UnivMichigan | *07:01 | *14:21 | *01:01 | *01:03:01:02N | *03:03 | *06:03 | *01:03 | *02:01 | *04:02/*120:01N | SBT, RSSO, SSP |
| 5642 Varnavidou-N | *07:01 | *14:21 | *+ | *+ | *03:03 | *06:03/28 | | | | P-SSP |
| 3511 Zeevi, Adrian | *0701 | *1421 | *0101 | *01030102N | *0303 | *0603 | *0103 | *0201 | *0401 | RVSSOP, SSP |

| CTR DIRNAME | DR7 | DR14 | DR52 | DQ9 | DQ1 | OTH1 | OTH2 |
|--------------------|-----|------|------|-----|-----|--------------|------|
| 4492 Charron, D. | + | DR6 | + | DQ3 | + | | DR53 |
| 910 Hahn, Amy B. | + | + | + | + | + | DR17 | |
| 771 Israel, Shosh | | | | | | | |
| 4908 Kvam, Vonnett | + | | + | + | DQ6 | DR13 | DR53 |
| 54 McAlack, Robe | + | + | + | + | + | | |
| 8004 Pais, Maria L | + | + | + | | | | DR53 |
| 793 Rubocki, Rona | + | + | + | + | DQ6 | DR14V | |
| 8063 Shai, Isaac | + | | + | | DQ6 | DR3, DR5 DQ7 | |

B-CELL LINE TER-448 (Caucasian)

74 DNA LABS

74 LABS REPORTING DRB1

| | |
|---------------|------------|
| DRB1*07 | 35% |
| DRB1*07:01 | 33% |
| DRB1*0701 | 20% |
| DRB1*07:01:01 | 8% |
| DRB1*070101 | 3% |
| DRB1*07010101 | 1% |
| DRB1*07 | 100% TOTAL |
| DRB1*14 | 21% |
| DRB1*14:21 | 49% |
| DRB1*1421 | 30% |
| DRB1*14 | 100% TOTAL |

69 LABS REPORTING DQB1

| | |
|---------------|------------|
| DQB1*03 | 19% |
| DQB1*03:03 | 45% |
| DQB1*0303 | 28% |
| DQB1*03:03:02 | 6% |
| DQB1*030302 | 1% |
| DQB1*03 | 99% TOTAL |
| DQB1*06 | 28% |
| DQB1*06:03 | 40% |
| DQB1*0603 | 28% |
| DQB1*06:03:01 | 3% |
| DQB1*060301 | 1% |
| DQB1*06 | 100% TOTAL |

29 LABS REPORTING DQA1

| | |
|------------|------------|
| DQA1*01 | 10% |
| DQA1*01:03 | 55% |
| DQA1*0103 | 35% |
| DQA1*01 | 100% TOTAL |
| DQA1*02 | 10% |
| DQA1*02:01 | 55% |
| DQA1*0201 | 35% |
| DQA1*02 | 100% TOTAL |

52 LABS REPORTING DRB3

| | |
|------------------|-----|
| DRB3*+ | 15% |
| DRB3*01:01 | 37% |
| DRB3*0101 | 17% |
| DRB3*01:01:02 | 2% |
| DRB3*010102 | 2% |
| DRB3*01:01:02:01 | 2% |
| DRB3*01 | 25% |

23 LABS REPORTING DPB1

| | |
|-----------------|-----|
| DPB1*04:01:01/+ | 7% |
| DPB1*0401/+ | 7% |
| DPB1*04:01 | 35% |
| DPB1*0401 | 27% |
| DPB1*04:01:01 | 12% |
| DPB1*040101 | 8% |

52 LABS REPORTING DRB4

| | |
|-------------------|-----|
| DRB4*+ | 15% |
| DRB4*01:03 | 2% |
| DRB4*0103 | 4% |
| DRB4*010301 | 2% |
| DRB4*01:03N | 13% |
| DRB4*0103N | 15% |
| DRB4*01:03:01:02N | 31% |
| DRB4*01030102N | 10% |
| DRB4*01 | 8% |

7 SEROLOGY LABS

| | |
|------|-----------|
| DR7 | 100% |
| DR6 | 14% |
| DR13 | 14% |
| DR14 | 58% |
| DR6 | 86% TOTAL |
| DR52 | 100% |

| | |
|-----|-----------|
| DQ3 | 14% |
| DQ7 | 14% |
| DQ9 | 58% |
| DQ3 | 86% TOTAL |
| DQ1 | 43% |
| DQ6 | 43% |
| DQ1 | 86% TOTAL |

B-CELL LINE TER-449

| CTR DIRNAME | DRB1 | DRB1X | DRB3 | DRB4 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | DPB1 | METHOD |
|---------------------|-----------|------------|-----------|---------------|------------|----------|-----------|------------|----------|---------|----------------|
| 4079 Abbal, Michel | *04:03 | *11:04 | | | *03:01 | *03:02 | | | | | P-SSP, SSO |
| 5488 Adams, Sharon | *040302 | *110401 | *0202 | *01 | *030101 | *030201 | *0301 | *0505/10 | *030101 | *0402 | SSO, SBT, SSP |
| 4691 Ajlan, Abdula | *04 | *11 | | | *03 | *03 | | | | | SSO |
| 774 Cecka, J. Mich | *04:03 | *11:04/60+ | *02:02/23 | *01:03 | *03:01/21+ | *03:02 | | *05:05/08+ | | | SSP, SSOP |
| 785 Chan, Soh Ha | *0403/04 | *1104/54 | *020201 | *010303 | *03 | *03 | *0301-03 | *0501-09 | | | SSP |
| 4492 Charron, D. | *04:03:02 | *11:14/77+ | *02:02 | *01:03 | *03:01/27 | *03:02 | *03:01 | *05:05 | *03:01 | *04:02 | P-SSO, SSP |
| 3224 Chen, Dongfen | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | *03:01 | *05:05/09 | | | SBT, RVSSOP |
| 8021 Clark, Brenda | *0403 | *1104 | *0107/*02 | *0101-030101+ | *0301 | *0302 | | | *0301 | *0402 | P-SSP, SSO |
| 3632 Colombe, Beth | *0403 | *1104 | *0202 | *0103 | *0301 | *0302 | | | | | SSP |
| 5130 Costeas, Paul | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | *03:01 | *05:05 | | | SSO, SSP |
| 779 Daniel, Claud | *04 | *11 | *+ | *+ | *03(DQ7) | *03(DQ8) | | | | | P-SSP |
| 5219 Daniel, Dolly | *04 | *11 | *+ | *+ | *03 | *03 | | | | | P-SSOP |
| 5323 Dhaliwal, J. S | *0403 | *1104 | *0202/23 | *0103 | *03 | *03 | | | | | P-SSP, SSO |
| 5891 Du, Keming | *0403 | *1104 | | | *0301 | *0302 | | | | | P-SBT |
| 856 Dupont, Bo | *04:03 | *11:04/43+ | *02:01/02 | *01:01 | *03:01 | *03:07 | | | | | SSO |
| 5214 Eckels/CPMC | *0403 | *11 | *0202 | *01 | *0301 | *0302 | *0301 | *05 | *0301 | *0402 | SSO |
| 3428 Eckels/Utah | *0403 | *1104/74+ | *0202 | *0101/03/06 | *0301 | *0302 | *0301 | *0505/09 | *0301+ | *0402+ | SSOP |
| 2332 Elkhalfifa, Mo | *04:03 | *11:04 | *01-*03 | *01 | *03:01 | *03:02 | | | | | SSP |
| 4251 Ellis, Thomas | *04:03 | *11:04 | *02:02/12 | *01:03 | *03:01 | *03:02 | *03 | *05 | *03:01 | *04:02 | P-SSO, SEQ |
| 3135 Fischer, John | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | | | *03:01 | *04:02 | SBT, P-SSP |
| 762 Fischer/Mayr | *04:03 | *11:04 | *02:02 | *01:03 | *03:01/09+ | *03:02 | *03:01 | *05:05/09+ | *03:01+ | *04:02 | SSO, SBT, LBT |
| 792 Gandhi, Manis | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | *03:01 | *05:05 | | | SSO, SSP |
| 8043 Gideoni, Osna | *04:03 | *11:04 | | | *03:01 | *03:02 | | | | | SSP |
| 9002 Gideoni_LR | *04 | *11 | | | *03 | | | | | | SSP, SSOP |
| 910 Hahn, Amy B. | *04:03 | *11:04/60+ | *02:02/23 | *01:03 | *03:01/21+ | *03:02 | | | | | P-SSP |
| 810 Hamdi, Nuha | *0403 | *1104 | | | *0301 | *0302 | *0301 | *0505 | | | SSO |
| 4269 Hanau, Daniel | *0403 | *1104 | | | *0301 | *0302 | *0301 | *0505 | *0301 | *0402 | SSP, SBT-DR |
| 1461 Hidajat, M. | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | | | *03:01 | *04:02 | SSO, SSP |
| 2344 Hurley/Hartz | *040302 | *110401 | | | *030101+ | *030201 | | | *030101+ | *0402+ | SBT, SSOP |
| 771 Israel, Shosh | *04:03 | *11:04 | | | *03:01 | *03:02 | | | | | |
| 9003 Israel_LR | *04 | *11 | | | *03 | *03 | | | | | |
| 794 Jaatinen, Tai | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | | | *03:01+ | *04:02+ | SBT, SSO, SSP |
| 748 Jaramillo, An | *04 | *11 | *02 | *01 | *03(DQ7) | *03(DQ8) | | | | | SSOP |
| 859 Kamoun, Malek | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | *03:01 | *05:05 | | | SBT, SSP, SSO |
| 797 Kato, Shunich | *04:03 | *11:04 | | | *03:01 | *03:02 | *03:01 | *05:05/09 | | | SSO, SBT-DR |
| 4337 Kim, Tai-Gyu | *04:03 | *11:04 | | | *03:01/09+ | *03:02 | | | *03:01+ | *04:02 | SBT |
| 168 Klein, Tirza | *04:03 | *11:04 | | | *03:01 | *03:02 | | | | | P-SSO, SSP |
| 9000 Klein_LR | *04 | *11 | | | *03 | *03 | | | | | P-SSO, SSP |
| 5096 Koh, Eun-mi | *04 | *11 | | | | | | | | | P-SSO |
| 87 Land, Geoffre | *0403 | *1104 | *0202 | *0103 | *0301 | *0302 | *0301 | *0505 | *0301 | *0402 | SBT, SSO, SSP |
| 725 Lardy, N, M. | *04 | *11 | *+ | *+ | *03 | | *03:01 | *05:05 | | | SSO, SSP |
| 278 Lee, Jar-How | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | *03:01 | *05:05 | *03:01 | *04:02 | SSP, RVSSOP |
| 640 Lee, Kyung Wh | *04:03:02 | *11:04:01 | | | *03:01/09+ | *0302 | *03:01:01 | *05:05 | | | P-SBT |
| 6649 Lim, Young Ae | *04 | *11 | *+ | *+ | | | | | | | SSP |
| 274 Lo, Raymundo | *04 | *11 | *+ | *+ | *0301 | *0302 | | | | | SSP |
| 731 Loewenthal, R | *04:03:02 | *11:04:01 | | | *03:01 | *03:02 | | | | | SBT, SSO |
| 759 Lopez-Cepero | *0403 | *1104/43+ | | | *0301 | *0302 | *0301 | *0505/09 | *0301+ | *0402+ | RVSSO |
| 23 Mah, Helen | *04:03 | *11:04 | *02:02 | *01 | *03:01 | *03:02 | *03:01 | *05:05/09 | *03:01 | *04:02 | SSO, SSP |
| 8029 Mani, Rama | *04 | *11 | *+ | *+ | | | | | | | P-SSP |
| 206 McAlack-Hana | *04:03 | *11 | *02:02 | *01 | *03:01 | *03:02 | | | | | RVSSOP |
| 9916 McIntyre, Joh | *04:03:02 | *11:04:01 | *02:02 | *01:03/08 | *03:01/27 | *03:02 | | | | | SSP, SBT |
| 9001 Muncher_LR | *0403 | *1104 | | | *0301 | *0302 | | | | | SSP, SSOP |
| 8065 Padua, Flore | *04 | *11 | *01 | *01 | *03:01 | *03:02 | | | | | SSP |
| 3648 Pereira, Noem | *04:03 | *11:04 | | | *03:01 | *03:02 | *03 | *05 | | | RVSSO, SBT |
| 3966 Permpikul&Ve | *04:03 | *11:04 | *02:02 | *01:03 | *03:01 | *03:02 | | | | | P-SSP |
| 2400 Phelan, Donna | *0403 | *1104 | *02 | *01 | *0301 | *0302 | | | | | RSSO, SBT, SSP |
| 735 Ramon, Daniel | *04:03 | *11:04 | *02:02 | *01:01/03/06 | *03:01 | *03:02 | *03:01 | *05:05/09 | *03:01 | *04:02 | RVSSOP, SSP |

B-CELL LINE TER-449 (Caucasian)

69 DNA LABS

69 LABS REPORTING DRB1

| | |
|---------------|------------|
| DRB1*04 | 23% |
| DRB1*04:03 | 42% |
| DRB1*0403 | 20% |
| DRB1*04:03:02 | 12% |
| DRB1*040302 | 3% |
| DRB1*04 | 100% TOTAL |
| DRB1*11 | 36% |
| DRB1*11:04 | 36% |
| DRB1*1104 | 15% |
| DRB1*11:04:01 | 10% |
| DRB1*110401 | 3% |
| DRB1*11 | 100% TOTAL |

49 LABS REPORTING DRB3

| | |
|---------------|-----|
| DRB3*+ | 18% |
| DRB3*02:02 | 43% |
| DRB3*0202 | 14% |
| DRB3*02:02:01 | 2% |
| DRB3*020201 | 2% |
| DRB3*02 | 19% |

49 LABS REPORTING DRB4

| | |
|------------------|-----|
| DRB4*+ | 16% |
| DRB4*01:01 | 2% |
| DRB4*01:03 | 35% |
| DRB4*0103 | 8% |
| DRB4*01:03:03 | 4% |
| DRB4*010303 | 2% |
| DRB4*01 | 25% |
| DRB4*01:01/03/06 | 4% |
| DRB4*0101/03/06 | 4% |

7 SEROLOGY LABS

| | |
|------|------|
| DR4 | 100% |
| DR11 | 100% |
| DR52 | 100% |
| DR53 | 100% |

66 LABS REPORTING DQB1

| | |
|---------------|------------|
| DQB1*03 | 30% |
| DQB1*03:01 | 44% |
| DQB1*0301 | 21% |
| DQB1*03:01:01 | 3% |
| DQB1*030101 | 2% |
| DQB1*03 | 100% TOTAL |
| DQB1*03 | 18% |
| DQB1*03:02 | 50% |
| DQB1*0302 | 23% |
| DQB1*03:02:01 | 4% |
| DQB1*030201 | 3% |
| DQB1*0307 | 2% |
| DQB1*03 | 100% TOTAL |

27 LABS REPORTING DQA1

| | |
|---------------|------------|
| DQA1*03 | 11% |
| DQA1*03:01 | 45% |
| DQA1*0301 | 33% |
| DQA1*03:01:01 | 11% |
| DQA1*03 | 100% TOTAL |
| DQA1*05 | 26% |
| DQA1*05:05/09 | 15% |
| DQA1*0505/09 | 11% |
| DQA1*05:05 | 33% |
| DQA1*0505 | 15% |
| DQA1*05 | 100% TOTAL |

26 LABS REPORTING DPB1

| | |
|-----------------------|-----|
| DPB1*03 | 4% |
| DPB1*03:01/*104:01/+ | 8% |
| DPB1*0301/*0502/*2702 | 4% |
| DPB1*03:01/*104:01 | 4% |
| DPB1*03:01/*124:01 | 11% |
| DPB1*03:01 | 38% |
| DPB1*0301 | 19% |
| DPB1*03:01:01 | 8% |
| DPB1*030101 | 4% |
| DPB1*04 | 4% |
| DPB1*04:02/105:01 | 4% |
| DPB1*0402/*0602 | 11% |
| DPB1*04:02 | 58% |
| DPB1*0402 | 23% |

| | |
|-----|------------|
| DQ7 | 100% |
| DQ3 | 43% |
| DQ8 | 57% |
| DQ3 | 100% TOTAL |

B-CELL LINE TER-450

| CTR | DIRNAME | DRB1 | DRB1X | DRB3 | DRB4 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | DPB1X | METHOD |
|------|----------------|------------|--------------|-----------|--------------|-----------|-----------|------------|-----------|----------|---------|---------------|
| 4079 | Abbal, Michel | *04:06 | *14:54 | | | *04:02 | *05:03 | | | | | P-SSP, SSO |
| 5488 | Adams, Sharon | *0406 | *140101/54 | *0202 | *01 | *0402 | *050301 | *0104 | *0303 | *0502 | *040101 | RSO, SBT, SSP |
| 4691 | Ajlan, Abdula | *04 | *14 | | | *04 | *05 | | | | | SSO |
| 774 | Cecka, J. Mich | *04:06/85 | *14:54/82 | *02:02/23 | *01:03 | *04:02 | *05:03/06 | *01:04 | *03:01 | | | SSP, SSOP |
| 785 | Chan, Soh Ha | *0406 | *1401/54 | *020201 | *010301 | *0402 | *050301 | *0101/04+ | *0301-03 | | | SSP |
| 4492 | Charron, D. | *0406/85 | *14:54/88+ | *02:02 | *01:03 | *04:02 | *05:03/06 | *01:04 | *03:03 | *03:01 | *04:01 | P-SSO, SSP |
| 3224 | Chen, Dongfen | *04:06 | *14:01/54 | *02:02 | *01:03 | *04:02 | *05:03 | *01 | *03 | | | SBT, RVSSOP |
| 8021 | Clark, Brenda | *0406 | *1401/54 | *0107/*02 | *0101-0301+ | *0402 | *0503 | | | *0502 | *0401 | P-SSP, SSO |
| 3632 | Colombe, Beth | *0406 | *1454 | *0202 | *0103 | *0402 | *0503 | | | | | SSP |
| 5130 | Costeas, Paul | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | *01:04 | *03:03 | | | SSO, SSP |
| 779 | Daniel, Claud | *04 | *14 | *+ | *+ | *04 | *05 | | | | | P-SSP |
| 5219 | Daniel, Dolly | *04 | *14 | *+ | *+ | *04 | *05 | | | | | P-SSOP |
| 5323 | Dhaliwal, J. S | *04:06 | *14:01/54 | *0202/23 | *0103 | *04 | *05 | | | | | P-SSP, SSO |
| 5891 | Du, Keming | *0406 | *1401/39/54 | | | *0402 | *0503 | | | | | P-SBT |
| 856 | Dupont, Bo | *04:06/49+ | *14:01/08+ | *02:02 | *01:01 | *04:02/04 | *05:03/06 | | | | | SSO |
| 5214 | Eckels/CPMC | *04 | *14 | *0202 | *01 | *0402 | *0503 | *01 | *03 | *0301 | *0401 | SSO |
| 3428 | Eckels/Utah | *0406/85 | *1401/54/87+ | *0202 | *0101/03/06 | *0402 | *0503 | *0101/04+ | *0301-03 | *0301+ | *0401 | SSOP |
| 2332 | Elkhalifa, Mo | *04:06 | *14:54 | *01-03 | *01 | *04:02 | *05:03 | | | | | SSP |
| 4251 | Ellis, Thomas | *04:06 | *14:01/54 | *02:02/12 | *01:01/03/06 | *04:02 | *05:03 | *01 | *03 | *03:01 | *04:01 | P-SSO, SEQ |
| 3135 | Fischer, John | *04:06 | *14:01/54 | *02:02 | *01:03 | *04:02 | *05:03 | | | *03:01 | *04:01 | SBT, P-SSP |
| 762 | Fischer/Mayr | *04:06 | *14:01/54 | *02:02 | *01:03 | *04:02 | *05:03 | *01:04 | *03:03 | *03:01+ | *04:01 | SSO, SBT, LBT |
| 792 | Gandhi, Manis | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | *01:04 | *03:03 | | | SSO, SSP |
| 8043 | Gideoni, O sna | *04:06 | *14:54 | | | *04:02 | *05:03 | | | | | SSP |
| 9002 | Gideoni_LR | *04 | *14 | | | *04 | *05 | | | | | SSP, SSOP |
| 910 | Hahn, Amy B. | *04:06/46+ | *14:54 | *02:02/23 | *01:03 | *04:02 | *05:03 | | | | | P-SSP |
| 810 | Hamdi, Nuha | *0406 | *1401 | | | *0402 | *0503 | *0101 | *0301 | | | SSO |
| 4269 | Hanau, Daniel | *0406 | *14 | | | *0402 | *0503 | *0104 | *0303 | *03 | *0401 | SSP, SBT-DR |
| 1461 | Hidajat, M. | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | | | *104:01+ | *04:01 | SSO, SSP |
| 2344 | Hurley/Hartz | *040601/02 | *140101/54 | | | *0402 | *050301 | | | *030101+ | *040101 | SBT, SSOP |
| 771 | Israel, Shosh | *04:06 | *14:54 | | | *04:02 | *05:03 | | | | | |
| 9003 | Israel_LR | *04 | *14 | | | *04 | *05 | | | | | |
| 794 | Jaatinen, Tai | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | | | *03:01+ | *04:01 | SBT, SSO, SSP |
| 748 | Jaramillo, An | *04 | *14 | *02 | *01 | *04 | *05 | | | | | SSOP |
| 859 | Kamoun, Malek | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | *01:04 | *03:03 | | | SBT, SSP, SSO |
| 797 | Kato, Shunich | *04:06 | *14:01/54 | | | *04:02 | *05:03 | *01:01/04+ | *03:01-03 | | | SSO, SBT-DR |
| 4337 | Kim, Tai-Gyu | *04:06 | *14:54 | | | *04:02 | *05:03 | | | *03:01+ | *04:01 | SBT |
| 168 | Klein, Tirza | *04:06 | *14:54 | | | *04:02 | *05:03 | | | | | P-SSO, SSP |
| 9000 | Klein_LR | *04 | *14 | | | *04 | *05 | | | | | P-SSO, SSP |
| 5096 | Koh, Eun-mi | *04 | *14 | | | | | | | | | P-SSO |
| 87 | Land, Geoffrey | *0406 | *1454 | *0202 | *0103 | *0402 | *0503 | *0104 | *0303 | *0502 | *0401 | SBT, SSO, SSP |
| 725 | Lardy, N, M. | *04 | *14 | *+ | *+ | *04 | *05 | *01:04 | *03:03 | | | SSO, SSP |
| 278 | Lee, Jar-How | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | *01:01/04+ | *03:01-03 | *03:01+ | *04:01 | SSP, RVSSOP |
| 640 | Lee, Kyung Wh | *04:06 | *14:54 | | | *04:02 | *05:03:01 | *01:04:01 | *03:03 | | | P-SBT |
| 6649 | Lim, Young Ae | *04 | *14 | *+ | *+ | | | | | | | SSP |
| 274 | Lo, Raymundo | *04 | *14 | *+ | *+ | *04 | *05 | | | | | SSP |
| 731 | Loewenthal, R | *04:06/49 | *14:01:01/54 | | | *04:02/04 | *05:03:01 | | | | | SBT, SSO |
| 759 | Lopez-Cepero | *0406 | *1401/26/38+ | | | *0402 | *0503 | *0101/04+ | *0301-03 | *0301+ | *0401+ | RVSSO |
| 23 | Mah, Helen | *04:06 | *14:54 | *02:02 | *01 | *04:02 | *05:03 | *01 | *03 | *03:01 | *04:01 | SSO, SSP |
| 8029 | Mani, Rama | *04 | *14 | *+ | *+ | | | | | | | P-SSP |
| 206 | McAlack-Hana | *04 | *14 | *0202 | *01 | *04:02 | *05:03 | | | | | RVSSOP |
| 9916 | McIntyre, Joh | *04:06 | *14:54 | *02:02 | *01:03/08 | *04:02/04 | *05:03/06 | | | | | SSP, SBT |
| 9001 | Muncher_LR | *0406 | *1454 | | | *0402 | *0503 | | | | | SSP, SSOP |
| 8065 | Padua, Flore | *04 | *14 | *01 | *01 | *04 | *05 | | | | | SSP |
| 3648 | Pereira, Noem | *04:06 | *14:01P | | | *04 | *05 | *01 | *03 | | | RVSSO, SBT |
| 3966 | Permpikul&Ve | *04:06 | *14:01/54 | *02:02 | *01:03 | *04:02 | *05:03 | | | | | P-SSP |
| 2400 | Phelan, Donna | *0406 | *1454 | *02 | *01 | *0402 | *0503 | | | | | RSO, SBT, SSP |
| 735 | Ramon, Daniel | *04:06 | *14:54 | *02:02 | *01:01/03/06 | *04:02 | *05:03 | *01:01/04+ | *03:01-03 | *03:01+ | *04:01+ | RVSSOP, SSP |

B-CELL LINE TER-450

| CTR DIRNAME | DRB1 | DRB1X | DRB3 | DRB4 | DQB1 | DQB1X | DQA1 | DQA1X | DPB1 | DPB1X | METHOD |
|--------------------|----------|-------------|-----------|--------------|--------|-----------|-----------|----------|----------|------------|-----------------|
| 3753 Reed, Elaine | *0406/49 | *1401/39/54 | *0202 | *0101/03/06 | *0402 | *0503 | *0101/04+ | *0301-03 | | | SBT, SSO |
| 3798 Reinsmoen, N | *04:06 | *14:54 | *02:02 | *01:01/03/06 | *04:02 | *05:03:01 | *01:04 | *03:03 | *104:01 | *04:01:01 | P-SSP, SSO, SBT |
| 793 Rubocki, Rona | *04 | *14 | *+ | *+ | *04 | *05 | | | | | SSP |
| 3519 Semana, Gilbe | *04:06 | *14:01/54 | *02:02 | *01:03/08 | *04:02 | *05:03 | | | *104:01 | *04:01 | SBT, P-SSP |
| 8001 Sheikh, Maqso | *04:06 | *14:01 | *02:02 | *01:03 | *04:02 | *05:03 | | | *05:02 | *04:01 | SSP, RVSSO |
| 746 Stamm, Luz | *04:06 | *14:54 | *02 | *01 | *04:02 | *05:03 | | | | | RSSO, SSP, SBT |
| 13 Tagliere, Jac | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03 | | | | | SSP |
| 769 Tavoularis, S | *04:06 | *14:54 | *02:02 | *01:03 | *04:02 | *05:03:01 | | | *104:01+ | *04:01:01+ | SSO, SBT, SSP |
| 5451 Tilanus, Marc | *04:06 | *14:54 | *02:02:01 | *01:03:01:01 | *04:02 | *05:03:01 | *01:04:01 | *03:03 | *104:01 | *04:01:01 | SBT |
| 4021 Trachtenberg | *04 | *14 | *02 | *01/*0201N | *04 | *0503 | | | | | RVSSO |
| 5462 Turner, E.V. | *04:06 | *14:01/54 | *02:02 | *01:03 | *04:02 | *05:03 | | | *05:02 | *04:01 | SBT, SSO, SSP |
| 5642 Varnavidou-N | *04:06 | *14:01/54+ | *+ | *+ | *04:02 | *05:03:01 | | | | | P-SSP |
| 3511 Zeevi, Adrian | *0406 | *1454 | *0202 | *0103 | *0402 | *0503 | *0105 | *0303 | *0502 | *0401 | RVSSOP, SSP |

| CTR DIRNAME | DR4 | DR14 | DR52 | DR53 | DQ4 | DQ1 | OTH1 | OTH2 |
|--------------------|-----|------|------|------|-----|-----|------------|------|
| 4492 Charron, D. | + | + | + | + | + | + | | |
| 910 Hahn, Amy B. | NT | | | | | | | |
| 4908 Kvam, Vonnett | + | + | + | + | + | + | | |
| 54 McAlack, Robe | + | + | + | + | + | + | | |
| 8004 Pais, Maria L | + | + | + | + | + | DQ5 | | |
| 793 Rubocki, Rona | + | + | + | + | + | + | | |
| 8063 Shai, Isaac | + | + | + | + | + | DQ6 | DR10, DR13 | |

B-CELL LINE TER-450

70 DNA LABS

70 LABS REPORTING DRB1

| | |
|------------------|------------|
| DRB1*04 | 34% |
| DRB1*04:06 | 47% |
| DRB1*0406 | 19% |
| DRB1*04 | 100% TOTAL |
| DRB1*14 | 39% |
| DRB1*14:01/54 | 13% |
| DRB1*1401/54 | 3% |
| DRB1*14:01:01/54 | 1% |
| DRB1*140101/54 | 3% |
| DRB1*14:01 | 1% |
| DRB1*1401 | 1% |
| DRB1*14:54 | 32% |
| DRB1*1454 | 7% |
| DRB1*14 | 100% TOTAL |

50 LABS REPORTING DRB3

| | |
|---------------|-----|
| DRB3*+ | 20% |
| DRB3*02:02 | 42% |
| DRB3*0202 | 16% |
| DRB3*02:02:01 | 2% |
| DRB3*020201 | 2% |
| DRB3*02 | 16% |

49 LABS REPORTING DRB4

| | |
|------------------|-----|
| DRB4*+ | 18% |
| DRB4*01:01 | 2% |
| DRB4*01:03 | 34% |
| DRB4*0103 | 8% |
| DRB4*010301 | 2% |
| DRB4*01:03:01:01 | 2% |
| DRB4*01 | 24% |
| DRB4*01:01/03/06 | 6% |
| DRB4*0101/03/06 | 4% |

6 SEROLOGY LABS

| | |
|------|------|
| DR4 | 100% |
| DR14 | 100% |
| DR52 | 100% |
| DR53 | 100% |

67 LABS REPORTING DQB1

| | |
|---------------|------------|
| DQB1*04 | 25% |
| DQB1*04:02 | 51% |
| DQB1*0402 | 24% |
| DQB1*04 | 100% TOTAL |
| DQB1*05 | 25% |
| DQB1*05:03 | 40% |
| DQB1*0503 | 21% |
| DQB1*05:03:01 | 9% |
| DQB1*050301 | 5% |
| DQB1*05 | 100% TOTAL |

27 LABS REPORTING DQA1

| | |
|---------------|------------|
| DQA1*01 | 44% |
| DQA1*0101 | 4% |
| DQA1*01:04 | 30% |
| DQA1*0104 | 11% |
| DQA1*01:04:01 | 7% |
| DQA1*0105 | 4% |
| DQA1*01 | 100% TOTAL |
| DQA1*03 | 44% |
| DQA1*03:01 | 4% |
| DQA1*0301 | 4% |
| DQA1*03:03 | 33% |
| DQA1*0303 | 15% |
| DQA1*03 | 100% TOTAL |

26 LABS REPORTING DPB1

| | |
|-----------------------|-----|
| DPB1*03:01/*104:01/+ | 12% |
| DPB1*0301/*0502/*2702 | 12% |
| DPB1*03:01/*104:01 | 4% |
| DPB1*03:01/*124:01 | 4% |
| DPB1*104:01/*124:01 | 8% |
| DPB1*03 | 4% |
| DPB1*03:01 | 16% |
| DPB1*0301 | 4% |
| DPB1*104:01 | 12% |
| DPB1*0502 | 16% |
| DPB1*05:02 | 8% |
| DPB1*0401/+ | 12% |
| DPB1*04:01 | 48% |
| DPB1*0401 | 24% |
| DPB1*04:01:01 | 8% |
| DPB1*040101 | 8% |

| | |
|-----|------------|
| DQ4 | 100% |
| DQ1 | 66% |
| DQ5 | 17% |
| DQ6 | 17% |
| DQ1 | 100% TOTAL |

*** 52 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 94% | 0.772 |
| A68 | 69% | 0.921 |
| A24 | 65% | 0.832 |
| A69 | 63% | 1.000 |
| B7 | 48% | 0.915 |
| B60 | 38% | 1.000 |
| B39 | 35% | 0.950 |
| B48 | 33% | 1.000 |
| B81 | 29% | 1.000 |
| B42 | 27% | 0.938 |
| A23 | 21% | 1.000 |
| B45 | 13% | 1.000 |
| B61 | 13% | 0.833 |
| B62 | 12% | 0.750 |
| B67 | 10% | 1.000 |
| B50 | 10% | 0.714 |
| B35 | 8% | 1.000 |
| B41 | 8% | 1.000 |
| B8 | 8% | 0.667 |
| A1 | 6% | 1.000 |
| A28 | 6% | 1.000 |
| B18 | 6% | 1.000 |
| B75 | 6% | 1.000 |
| B76 | 6% | 1.000 |
| A3 | 4% | 1.000 |
| A9 | 4% | 1.000 |
| A30 | 4% | 1.000 |
| B27 | 4% | 1.000 |
| B40 | 4% | 1.000 |
| B49 | 4% | 1.000 |
| B72 | 4% | 1.000 |

*** 52 TYPING LABS ***

| | | |
|------|-----|-------|
| A2 | 94% | 0.814 |
| A68 | 73% | 1.000 |
| A69 | 69% | 1.000 |
| A1 | 56% | 0.891 |
| B8 | 52% | 0.944 |
| A24 | 52% | 0.771 |
| A36 | 48% | 0.967 |
| B57 | 40% | 0.920 |
| A34 | 38% | 1.000 |
| A23 | 33% | 1.000 |
| B58 | 10% | 0.786 |
| B55 | 8% | 1.000 |
| A28 | 8% | 0.625 |
| 3401 | 6% | 1.000 |
| B7 | 4% | 1.000 |
| B47 | 4% | 1.000 |
| B82 | 4% | 1.000 |
| B39 | 4% | 0.750 |

Methods:

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

*** 52 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: All

***** SERUM NO. 1041 ***** SERUM NO. 1042 *****

| | % | % | A | B | | % | % | A | | METHOD |
|---------------|-----|-----|---|---|--------------------------------------|-----|-----|---|-----------------------------------|--------|
| | POS | 8'S | 2 | 7 | | POS | 8'S | 2 | | |
| Claas, F.H.J. | 86 | 67 | + | + | A68, A24, B81, A69 | 42 | 4 | + | A68, A69 | (1) |
| Esteves Kond | 6 | ??? | | | ??? | 1 | ??? | | ??? | (1) |
| Hogan, Patric | 12 | 29 | + | | | 7 | 25 | + | | (1) |
| Permpikul & | 22 | 87 | + | | A203 | 6 | 50 | | B39 | (1) |
| Sage, Deborah | 94 | ??? | + | + | A9, A28, B8, B45, B14, B62, B75, B76 | 70 | ??? | + | A1, A24, A34, A28, A36, B57, 3401 | (1) |
| Watson, Narel | 14 | 17 | + | | | 16 | 0 | + | | (1) |

***** SERUM NO.1041 ***** SERUM NO.1042 *****

*** 6 TYPING LABS ***

| | | |
|------|-----|-------|
| A2 | 83% | 0.549 |
| B7 | 33% | 1.000 |
| ??? | 17% | 1.000 |
| A9 | 17% | 1.000 |
| A28 | 17% | 1.000 |
| A68 | 17% | 1.000 |
| A69 | 17% | 1.000 |
| A203 | 17% | 1.000 |
| B8 | 17% | 1.000 |
| B14 | 17% | 1.000 |
| B45 | 17% | 1.000 |
| B62 | 17% | 1.000 |
| B75 | 17% | 1.000 |
| B76 | 17% | 1.000 |
| B81 | 17% | 1.000 |
| A24 | 17% | 0.938 |

*** 6 TYPING LABS ***

| | | |
|------|-----|-------|
| A2 | 67% | 0.471 |
| 3401 | 17% | 1.000 |
| ??? | 17% | 1.000 |
| A1 | 17% | 1.000 |
| A24 | 17% | 1.000 |
| A28 | 17% | 1.000 |
| A34 | 17% | 1.000 |
| A36 | 17% | 1.000 |
| A68 | 17% | 1.000 |
| A69 | 17% | 1.000 |
| B57 | 17% | 1.000 |
| B39 | 17% | 0.667 |

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1041 ***** SERUM NO. 1042 *****

| | % | % | A | | % | % | A | | METHOD |
|---------------|-----|-----|---|--|-----|-----|---|-----|--------|
| | POS | 8'S | 2 | | POS | 8'S | 2 | | |
| Dunn, Paul Dr | 18 | 60 | + | | 0 | 0 | | | (2) |
| Lardy, N.M. D | 17 | 24 | + | | 48 | 72 | + | A28 | (2) |
| Pidwell/Aska | 29 | 100 | + | | 23 | 88 | + | | (2) |

***** SERUM NO.1041 ***** SERUM NO.1042 *****

*** 3 TYPING LABS ***

| | | |
|----|------|-------|
| A2 | 100% | 0.556 |
|----|------|-------|

*** 3 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 67% | 0.914 |
| A28 | 33% | 0.400 |

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: NIH-ext

| | | SERUM NO. 1041 | | | | | | | | | | SERUM NO. 1042 | | | | | | | | | | METHOD | | |
|----------------|-----|----------------|---|---|---|---|---|---|---|---|---|----------------|-----|---|---|---|---|---|---|---|---|--------|---|--------------------------|
| | | A | A | A | B | B | B | B | B | B | A | A | A | A | B | A | A | | | | | | | |
| % | % | 2 | 8 | 4 | 9 | 7 | 0 | 8 | 9 | 1 | 2 | % | % | 2 | 8 | 9 | 1 | 4 | 8 | 6 | 7 | 4 | 3 | |
| POS | 8'S | 2 | 8 | 4 | 9 | 7 | 0 | 8 | 9 | 1 | 2 | POS | 8'S | 2 | 8 | 9 | 1 | 4 | 8 | 6 | 7 | 4 | 3 | |
| Abbal, Michel | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Al-Attas, Rab | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Alvarez & Ca | 62 | 100 | + | + | + | | | | | | | 25 | 100 | + | + | + | + | + | + | + | + | + | + | B61 A1, A3, B49, A25> |
| Arnold, Angel | 97 | ??? | + | + | + | + | + | + | + | + | + | 86 | ??? | + | + | + | + | + | + | + | + | + | + | (F-3) |
| Baker, Judy | ??? | ??? | + | + | + | + | | | | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | A23, BW6 A23, BW6 |
| Cecka, J. Mich | 89 | 100 | + | + | + | + | | | | | | 74 | 100 | + | + | + | + | + | + | + | + | + | + | B58 |
| Charlton, Ron | 94 | ??? | + | + | + | + | + | + | + | + | + | 66 | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Cohen, JHM Pr | 89 | ??? | + | + | + | + | + | + | + | + | + | 52 | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Dunn, Paul Dr | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Eckels/CPMC | 99 | ??? | + | + | + | + | | | | | | 75 | ??? | + | + | + | + | + | + | + | + | + | + | B58 |
| Elkhalifa MD | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (LF-3) |
| Esteves-Kond | 80 | 50 | + | + | + | + | + | + | + | + | + | 61 | 67 | + | + | + | + | | | | | | | (F-3) |
| Gandhi, Manis | 76 | ??? | + | + | + | + | + | + | + | + | + | 68 | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Gideon, Osna | 90 | 100 | + | + | + | + | | | | | | 44 | 100 | + | + | + | | | | | | | | B82, B47, B41 |
| Hahn, Amy B. | 41 | ??? | + | + | + | + | | | | | | 18 | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Hamdi, Nuha D | 85 | 100 | + | + | + | + | | | | | | 55 | 100 | + | + | + | + | | | | | | | B55, B39 |
| Han, Hoon Dr | 67 | ??? | + | + | + | + | + | | | | | 44 | ??? | + | + | + | | | | | | | | (L-3) |
| Harville, Ter | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | | | | | (L-3) |
| Hogan, Patric | 38 | ??? | + | + | + | + | + | + | + | + | + | 11 | ??? | + | + | + | + | + | + | | | | | (L-3) |
| Holdsworth, R | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | 3401 |
| Ichikawa MD, | 38 | ??? | + | | | | | | | | | 19 | ??? | + | | | | | | | | | | (L-3) |
| Klein, Tirza | 92 | 100 | + | + | + | + | + | | | | | 66 | 100 | + | + | + | + | + | | | | | | B42, B65, B7, B82 |
| Loewenthal M | 92 | 100 | + | + | + | + | | | | | | 62 | 100 | + | + | + | | | | | | | | (L-3) |
| MacCann, Eile | 94 | ??? | + | + | + | + | + | | | | | 66 | ??? | + | + | + | + | + | + | + | + | + | + | B55, B47, B7 |
| Mah, Helen | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | B58 |
| McAlack, Robe | 39 | 100 | + | + | + | + | + | + | + | + | + | 14 | 100 | + | + | + | | | | | | | | (L-3) |
| McAlack-Hana | 95 | 100 | + | + | + | + | + | + | + | + | + | 81 | 100 | + | + | + | + | + | + | + | + | + | + | (L-3) |
| McCluskey, Ja | ??? | ??? | + | + | + | + | + | | | | | ??? | ??? | + | + | + | | | | | | | | (L-3) |
| Meyer, Pieter | 98 | ??? | + | | | | | | | | | 66 | ??? | + | + | + | + | + | | | | | | B58 |
| Mpuntshe, Loy | 88 | ??? | + | + | + | + | + | + | + | + | + | 88 | ??? | + | + | + | + | + | + | + | + | + | + | 3401 |
| Ozawa, Mikki | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Pais, Maria L | 10 | ??? | + | | | | | | | | | 8 | ??? | + | + | + | | | | | | | | (L-3) |
| Pereira, Noem | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Permpikul & | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | B51, B58, B52> |
| Phelan, Donna | 39 | ??? | + | + | + | + | + | + | + | + | + | 12 | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Pidwell/Aska | 94 | 100 | + | + | + | + | + | + | + | + | + | 85 | 100 | + | + | + | + | + | + | + | + | + | + | A28, 3401 |
| Ramon, Daniel | 96 | ??? | + | + | + | + | + | + | + | + | + | 80 | ??? | + | + | + | + | + | + | + | + | + | + | (F-3) |
| Rees, Tracey | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Rosen-Bronso | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Sinnott & Gu | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Suciu-Foca, N | 100 | 100 | + | + | + | + | + | + | + | + | + | 100 | 100 | + | + | + | + | + | + | + | + | + | + | B61 |
| Tagliere, Jac | ??? | ??? | + | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | + | B41 |
| Turner, E.V. | ??? | ??? | + | + | + | + | | | | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | A23, B27, B41> |

(3) - L-Luminex, F-Flow

***** SERUM NO.1041 ***** SERUM NO.1042 *****

*** 43 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 95% | 1.000 |
| A68 | 93% | 1.000 |
| A24 | 91% | 1.000 |
| A69 | 88% | 1.000 |
| B7 | 60% | 1.000 |
| B60 | 60% | 1.000 |
| B39 | 53% | 1.000 |
| B48 | 53% | 1.000 |
| B81 | 47% | 1.000 |
| B42 | 40% | 1.000 |
| A23 | 30% | 1.000 |
| B61 | 16% | 1.000 |
| B35 | 14% | 1.000 |
| B41 | 14% | 1.000 |
| B45 | 14% | 1.000 |
| B50 | 14% | 1.000 |
| B18 | 12% | 1.000 |
| B67 | 12% | 1.000 |
| B62 | 9% | 1.000 |
| A1 | 7% | 1.000 |
| B27 | 7% | 1.000 |
| B76 | 7% | 1.000 |
| BW6 | 7% | 0.962 |
| A3 | 5% | 1.000 |
| A30 | 5% | 1.000 |
| B49 | 5% | 1.000 |
| B75 | 5% | 1.000 |
| B82 | 5% | 1.000 |
| CW7 | 5% | 1.000 |

*** 43 TYPING LABS ***

| | | |
|------|------|-------|
| A2 | 100% | 1.000 |
| A68 | 95% | 1.000 |
| A69 | 91% | 1.000 |
| A1 | 84% | 0.984 |
| A24 | 81% | 0.859 |
| B8 | 79% | 1.000 |
| A36 | 72% | 0.972 |
| B57 | 65% | 0.973 |
| A34 | 63% | 1.000 |
| A23 | 58% | 0.946 |
| B58 | 14% | 1.000 |
| 3401 | 7% | 1.000 |
| B55 | 7% | 1.000 |
| B7 | 5% | 1.000 |
| B47 | 5% | 1.000 |
| B82 | 5% | 1.000 |

*** 43 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1041 ***** SERUM NO. 1042 *****

| | % POS 8'S | | A A A B | | | | | % POS 8'S | | A A A | | | METHOD | |
|----------------|-----------|-----|---------|---|---|---|---|-----------|----|-------|---|---|--------|-------------------|
| | 2 | 8 | 6 | 6 | 2 | B | 7 | 2 | 2 | 9 | 6 | 6 | | |
| Cecka, J. Mich | 52 | 72 | + | + | + | + | | | 45 | 68 | + | + | + | (4) |
| Dunn, Dale Dr | 27 | 47 | + | + | | | + | + | 47 | 80 | + | + | + | A36, B8 (4) |
| Eckels/CPMC, | 77 | ??? | + | + | + | + | | | 50 | ??? | + | + | + | A23 (4) |
| Hahn, Amy B. | 40 | 84 | + | + | + | + | | | 41 | 92 | + | + | + | (4) |
| Klein, Jon MD | 40 | ??? | + | | | | | | 59 | ??? | + | + | + | B57, B58 (4) |
| Mah, Helen | 0 | 0 | | | | | | | 38 | 75 | + | | | B49, B55, B60 (4) |
| Ramon, Daniel | 79 | ??? | + | + | + | + | + | + | 41 | ??? | + | + | + | (4) |
| Suciu-Foca, N | 40 | 56 | + | | | | + | | 48 | 42 | + | | | A28 (4) |

***** SERUM NO.1041 ***** SERUM NO.1042 *****

*** 8 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 88% | 0.849 |
| A68 | 63% | 0.667 |
| A69 | 50% | 1.000 |
| A24 | 50% | 0.559 |
| B7 | 38% | 0.500 |
| B42 | 25% | 0.750 |
| A23 | 13% | 1.000 |
| A28 | 13% | 1.000 |
| B40 | 13% | 1.000 |
| B41 | 13% | 1.000 |
| B60 | 13% | 1.000 |
| B62 | 13% | 1.000 |
| B72 | 13% | 1.000 |
| B39 | 13% | 0.667 |
| B61 | 13% | 0.500 |
| B8 | 13% | 0.333 |
| B50 | 13% | 0.333 |
| B65 | 13% | 0.286 |

*** 8 TYPING LABS ***

| | | |
|-----|------|-------|
| A2 | 100% | 0.895 |
| A68 | 75% | 1.000 |
| A69 | 75% | 1.000 |
| A28 | 13% | 1.000 |
| A36 | 13% | 1.000 |
| B49 | 13% | 1.000 |
| B55 | 13% | 1.000 |
| B60 | 13% | 0.800 |
| B8 | 13% | 0.667 |
| B58 | 13% | 0.625 |
| B57 | 13% | 0.500 |

*** 8 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Antiglobulin

***** SERUM NO. 1041 ***** ***** SERUM NO. 1042 *****

| | % | % | A | A | A | A | | % | % | A | A | | METHOD | |
|---------------|-----|-----|---|---|---|---|---|------------------------------|-----|-----|---|---|--------|---------|
| | POS | 8'S | 9 | 8 | 2 | 4 | 3 | POS | 8'S | 9 | 8 | 2 | | |
| Esteves-Kond | 79 | 7 | + | + | + | + | + | A11 | 43 | 19 | + | + | + | (5) |
| Hahn, Amy B. | 15 | ??? | + | + | + | + | + | BW6 | 5 | ??? | + | + | + | (5) |
| McAlack, Robe | 36 | 0 | + | + | + | | | B67, B70, B35, B60, B81, B22 | 8 | 100 | + | + | + | A26 (5) |

***** SERUM NO.1041 ***** ***** SERUM NO.1042 *****

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A68 | 100% | 1.000 |
| A69 | 100% | 1.000 |
| A2 | 100% | 0.895 |
| A24 | 67% | 1.000 |
| A23 | 67% | 0.800 |
| BW6 | 33% | 1.000 |
| B22 | 33% | 1.000 |
| B35 | 33% | 1.000 |
| B60 | 33% | 1.000 |
| B67 | 33% | 1.000 |
| B70 | 33% | 1.000 |
| B81 | 33% | 1.000 |
| A11 | 33% | 0.714 |

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A68 | 100% | 1.000 |
| A69 | 100% | 1.000 |
| A2 | 100% | 0.905 |
| A26 | 33% | 1.000 |

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Elisa

***** SERUM NO.1043 ***** ***** SERUM NO.1044 *****

*** 52 TYPING LABS ***

| | | |
|------|-----|-------|
| A2 | 96% | 0.802 |
| A68 | 71% | 0.910 |
| A69 | 65% | 1.000 |
| B57 | 62% | 1.000 |
| B58 | 54% | 0.846 |
| A24 | 35% | 0.852 |
| CW17 | 6% | 1.000 |
| ??? | 4% | 1.000 |
| A28 | 4% | 1.000 |

*** 52 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 98% | 0.920 |
| A69 | 62% | 1.000 |
| B57 | 58% | 0.957 |
| B41 | 56% | 1.000 |
| B45 | 54% | 1.000 |
| B42 | 54% | 0.905 |
| B50 | 48% | 0.966 |
| B55 | 48% | 0.966 |
| B49 | 38% | 0.931 |
| B58 | 33% | 0.966 |
| B37 | 27% | 1.000 |
| A11 | 27% | 0.830 |
| A68 | 13% | 0.714 |
| B8 | 12% | 0.909 |
| B60 | 10% | 0.818 |
| A1 | 6% | 1.000 |
| A3 | 6% | 1.000 |
| A29 | 6% | 1.000 |
| A24 | 4% | 1.000 |
| A25 | 4% | 1.000 |
| A43 | 4% | 1.000 |
| A66 | 4% | 1.000 |
| B13 | 4% | 1.000 |
| B27 | 4% | 1.000 |
| B67 | 4% | 1.000 |

Methods:

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

*** 52 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: All

***** SERUM NO. 1043 ***** SERUM NO. 1044 *****

| | % A | | | | % A | | | | METHOD | |
|--------------|-----|-----|---|---------|-----|-----|---|---|-------------------------------|-----|
| | POS | 8'S | 2 | | POS | 8'S | 2 | | | |
| Claas,F.H.J. | 100 | 63 | + | B57 | 68 | 100 | + | + | B41,B42,B55 | (1) |
| Esteves Kond | 6 | ??? | + | ??? | 25 | 81 | + | + | | (1) |
| Hogan,Patric | 21 | 42 | + | | 71 | 100 | + | + | A68,B44,B60,B27 | (1) |
| Permpikul & | 19 | 50 | + | | 26 | 78 | + | + | A203 | (1) |
| Sage,Deborah | 44 | ??? | + | A28,B17 | 92 | ??? | + | + | A3,A11,A29,A43,B8,B45,B13,B16 | (1) |
| Watson,Narel | 16 | 0 | + | | 31 | 3 | + | | | (1) |

***** SERUM NO.1043 ***** SERUM NO.1044 *****

*** 6 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 83% | 0.660 |
| ??? | 17% | 1.000 |
| A28 | 17% | 1.000 |
| B17 | 17% | 1.000 |
| B57 | 17% | 1.000 |

*** 6 TYPING LABS ***

| | | |
|------|------|-------|
| A2 | 100% | 0.802 |
| A69 | 33% | 1.000 |
| B57 | 33% | 1.000 |
| B58 | 33% | 1.000 |
| A3 | 17% | 1.000 |
| A11 | 17% | 1.000 |
| A29 | 17% | 1.000 |
| A43 | 17% | 1.000 |
| A68 | 17% | 1.000 |
| B8 | 17% | 1.000 |
| B13 | 17% | 1.000 |
| B16 | 17% | 1.000 |
| B27 | 17% | 1.000 |
| B41 | 17% | 1.000 |
| B42 | 17% | 1.000 |
| B44 | 17% | 1.000 |
| B45 | 17% | 1.000 |
| B60 | 17% | 1.000 |
| A203 | 17% | 0.857 |
| B55 | 17% | 0.750 |

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1043 ***** SERUM NO. 1044 *****

| | % A | | | | % A | | | | METHOD |
|--------------|-----|-----|---|-----|-----|-----|---|--|--------|
| | POS | 8'S | 2 | | POS | 8'S | 2 | | |
| Dunn,Paul Dr | 40 | 80 | + | A68 | 48 | 100 | + | | (2) |
| Lardy,N.M. D | 46 | 100 | + | | 48 | 100 | + | | (2) |
| Pidwell/Aska | 29 | 100 | + | | 31 | 100 | + | | (2) |

***** SERUM NO.1043 ***** SERUM NO.1044 *****

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A2 | 100% | 1.000 |
| A68 | 33% | 1.000 |

*** 3 TYPING LABS ***

| | | |
|----|------|-------|
| A2 | 100% | 1.000 |
|----|------|-------|

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: NIH-ext

| | | A | A | B | B | A | | | A | B | B | B | B | B | B | B | B | METHOD | | |
|----------------|-----|-----|---|---|---|---|---|-----|-----|---|---|---|---|---|---|---|---|---------------|-------|--|
| % | % | 6 | 6 | 5 | 5 | 2 | % | % | 6 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | | | |
| POS | 8'S | 2 | 8 | 9 | 7 | 8 | 4 | POS | 8'S | 2 | 9 | 5 | 7 | 0 | 2 | 1 | 5 | 9 | 7 | |
| Abbal, Michel | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Al-Attas, Rab | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Alvarez & Ca | 9 | 100 | + | + | + | + | + | 11 | 100 | + | + | + | + | + | + | + | + | B58 | (L-3) | |
| Arnold, Angel | 70 | ??? | + | + | + | + | + | 96 | ??? | + | + | + | + | + | + | + | + | A25, A11, B60 | (F-3) | |
| Baker, Judy | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Cecka, J. Mich | 47 | 100 | + | + | + | + | + | 89 | 100 | + | + | + | + | + | + | + | + | B60 | (L-3) | |
| Charlton, Ron | 46 | ??? | + | + | + | + | + | 92 | ??? | + | + | + | + | + | + | + | + | A11, A29 | (L-3) | |
| Cohen, JHM Pr | 45 | ??? | + | + | + | + | + | 75 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Dunn, Paul Dr | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Eckels/CPMC, | 37 | ??? | + | + | + | + | + | 99 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Elkhalifa MD | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Esteves-Kond | 33 | 67 | + | + | + | + | + | 69 | 67 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Gandhi, Manis | 71 | ??? | + | + | + | + | + | 76 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Gideon, Osna | 34 | 100 | + | + | + | + | + | 82 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Hahn, Amy B. | 11 | ??? | + | + | + | + | + | 39 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Hamdi, Nuha D | 45 | 100 | + | + | + | + | + | 75 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Han, Hoon Dr | 45 | ??? | + | + | + | + | + | 49 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Harville, Ter | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Hogan, Patric | 9 | ??? | + | + | + | + | + | 25 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Holdsworth, R | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Ichikawa MD, | 24 | ??? | + | + | + | + | + | 33 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Klein, Tirza | 36 | 100 | + | + | + | + | + | 78 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Loewenthal M | 36 | 100 | + | + | + | + | + | 92 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| MacCann, Eile | 48 | ??? | + | + | + | + | + | 94 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Mah, Helen | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| McAlack, Robe | 9 | 100 | + | + | + | + | + | 40 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| McAlack-Hana | 59 | 100 | + | + | + | + | + | 92 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| McCluskey, Ja | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Meyer, Pieter | 50 | ??? | + | + | + | + | + | 94 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Mpuntsa, Loy | 78 | ??? | + | + | + | + | + | 92 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Ozawa, Mikki | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Pais, Maria L | 9 | ??? | + | + | + | + | + | 22 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Pereira, Noem | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Permpikul & | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Phelan, Donna | 11 | ??? | + | + | + | + | + | 30 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Pidwell/Aska | 67 | 100 | + | + | + | + | + | 82 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Ramon, Daniel | 61 | ??? | + | + | + | + | + | 84 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Rees, Tracey | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Rosen-Bronso | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Sinnott & Gu | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Suciu-Foca, N | 100 | 100 | + | + | + | + | + | 100 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Tagliere, Jac | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Turner, E.V. | ??? | ??? | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |

(3) - L-Luminex, F-Flow

***** SERUM NO.1043 ***** ***** SERUM NO.1044 *****

*** 43 TYPING LABS ***

| | | |
|------|------|-------|
| A2 | 100% | 1.000 |
| A68 | 95% | 1.000 |
| A69 | 93% | 1.000 |
| B57 | 91% | 1.000 |
| B58 | 84% | 1.000 |
| A24 | 58% | 1.000 |
| CW17 | 7% | 1.000 |
| B50 | 5% | 1.000 |

*** 43 TYPING LABS ***

| | | |
|-----|------|-------|
| A2 | 100% | 1.000 |
| A69 | 88% | 1.000 |
| B45 | 84% | 1.000 |
| B57 | 79% | 1.000 |
| B41 | 72% | 1.000 |
| B42 | 72% | 1.000 |
| B50 | 72% | 1.000 |
| B55 | 70% | 1.000 |
| B49 | 56% | 1.000 |
| B37 | 53% | 1.000 |
| B58 | 35% | 1.000 |
| A11 | 30% | 1.000 |
| A29 | 12% | 1.000 |
| A68 | 12% | 1.000 |
| B60 | 12% | 1.000 |
| A1 | 7% | 1.000 |
| A3 | 7% | 1.000 |
| A25 | 7% | 1.000 |
| A43 | 7% | 1.000 |
| B8 | 7% | 1.000 |
| B67 | 7% | 1.000 |
| A24 | 5% | 1.000 |
| A32 | 5% | 1.000 |
| A66 | 5% | 1.000 |
| A74 | 5% | 1.000 |
| B39 | 5% | 1.000 |
| B62 | 5% | 1.000 |

*** 43 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1043 ***** SERUM NO. 1044 *****

| | % POS 8'S | | SERUM NO. 1043 | | | | | SERUM NO. 1044 | | | | | | METHOD | | | |
|----------------|-----------|---------|----------------|---|---|---|----|----------------|---|---|---|---|---|--------|---|-----|-----|
| | % | POS 8'S | A | A | B | B | % | POS 8'S | A | B | B | A | B | | B | A | |
| Cecka, J. Mich | 9 | 0 | + | | | | 38 | 61 | + | + | | | | | + | + | (4) |
| Dunn, Dale Dr | 22 | ??? | + | + | + | | 37 | 12 | + | | + | + | + | | | | (4) |
| Eckels/CPMC, | 50 | ??? | + | + | + | | 67 | ??? | + | | | | + | | | | (4) |
| Hahn, Amy B. | 40 | 100 | + | + | | | 53 | 100 | + | + | + | + | | + | | | (4) |
| Klein, Jon MD | 57 | ??? | + | + | + | + | 64 | ??? | + | + | + | + | + | + | | + | (4) |
| Mah, Helen | 21 | 67 | + | | | | 9 | ??? | | | | | | | | ??? | (4) |
| Ramon, Daniel | 48 | ??? | + | + | + | + | 69 | ??? | + | + | + | + | + | + | + | | (4) |
| Suciu-Foca, N | 32 | 38 | + | | | | 50 | 25 | + | | | | | | | B17 | (4) |

***** SERUM NO. 1043 ***** SERUM NO. 1044 *****

*** 8 TYPING LABS ***

| | | |
|-----|------|-------|
| A2 | 100% | 0.667 |
| A68 | 63% | 0.647 |
| A69 | 50% | 1.000 |
| B57 | 25% | 1.000 |
| B58 | 25% | 0.333 |
| A28 | 13% | 1.000 |
| B62 | 13% | 0.250 |

*** 8 TYPING LABS ***

| | | |
|-----|-----|-------|
| A2 | 88% | 0.944 |
| B41 | 50% | 1.000 |
| B57 | 50% | 0.833 |
| B42 | 50% | 0.667 |
| A11 | 50% | 0.579 |
| B58 | 38% | 0.889 |
| A69 | 25% | 1.000 |
| B55 | 25% | 1.000 |
| ??? | 13% | 1.000 |
| B17 | 13% | 1.000 |
| B49 | 13% | 0.714 |
| B8 | 13% | 0.667 |
| B50 | 13% | 0.667 |
| B60 | 13% | 0.600 |
| B7 | 13% | 0.500 |
| A68 | 13% | 0.250 |

*** 8 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Antiglobulin

***** SERUM NO. 1043 ***** SERUM NO. 1044 *****

| | % | % | A | A | B | B | | % | % | B | B | B | B | B | B | | |
|--------------|-----|-----|---|---|---|---|---|-----|-----|---|---|---|---|---|---|-------------|-----|
| | POS | 8'S | 6 | 6 | A | 5 | 5 | POS | 8'S | 4 | A | 6 | 5 | 5 | 4 | 3 | |
| Esteves-Kond | 41 | 0 | + | + | + | | | 57 | 23 | + | | | | | | A69,A23,A1 | (5) |
| Hahn,Amy B. | 7 | ??? | + | + | + | + | + | 22 | ??? | + | + | + | + | + | + | B45,B50,B49 | (5) |
| McAlack,Robe | 8 | 0 | + | + | + | + | + | 34 | 100 | + | + | + | + | + | + | B58,B67 | (5) |

***** SERUM NO.1043 ***** SERUM NO.1044 *****

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A68 | 100% | 1.000 |
| A2 | 100% | 0.905 |
| A69 | 100% | 0.750 |
| B57 | 67% | 1.000 |
| B58 | 67% | 1.000 |

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| B41 | 100% | 1.000 |
| A2 | 100% | 0.952 |
| B37 | 67% | 1.000 |
| B42 | 67% | 1.000 |
| B55 | 67% | 1.000 |
| B57 | 67% | 1.000 |
| B60 | 67% | 1.000 |
| A69 | 33% | 1.000 |
| B45 | 33% | 1.000 |
| B49 | 33% | 1.000 |
| B50 | 33% | 1.000 |
| B58 | 33% | 1.000 |
| B67 | 33% | 1.000 |
| A1 | 33% | 0.833 |
| A23 | 33% | 0.600 |

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Elisa

| | SERUM NO. 1045 | | | | | | | | | | SERUM NO. 1046 | | | | | | | | | | METHOD | | | | |
|--------------|----------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|--------|-----|----------------|-----------------|-----|
| | % POS | % 8'S | A 1 | A 3 | A 1 | A 2 | A 2 | A 8 | A 3 | A 4 | A 6 | % POS | % 8'S | A 1 | A 2 | A 3 | A 1 | A 2 | A 8 | A 2 | | A 2 | A 4 | A 7 | |
| Al-Attas,Rab | ??? | ??? | + | + | + | + | + | + | + | + | 6601 | ??? | ??? | + | + | + | + | + | + | + | + | + | (3) | | |
| Alvarez & Ca | 22 | ??? | + | | + | + | + | | | + | B51 | 37 | ??? | + | + | | + | + | | + | + | | A3,A25,A34,B45 | (3) | |
| Arnold,Angel | 71 | ??? | + | + | + | + | + | + | + | + | | 92 | ??? | + | + | + | + | + | + | + | + | + | | (3) | |
| Baker,Judy | 71 | ??? | + | + | + | + | + | | | + | | 82 | ??? | + | + | + | + | + | + | + | + | | | (3) | |
| Cecka,J.Mich | 38 | 0 | + | + | + | | + | + | + | | | 31 | 0 | + | | + | + | | + | + | | | | (4) | |
| Charlton,Ron | 74 | ??? | + | + | + | + | + | + | | + | | 96 | ??? | + | + | + | + | + | | | + | + | | (3) | |
| Cohen,JHM Pr | 62 | ??? | + | + | + | + | + | + | + | + | | 76 | ??? | + | + | + | + | + | + | | + | + | A25 | (3) | |
| Dunk,Arthur | 17 | 50 | + | + | | | | | | | | 17 | 88 | + | | + | | | | | | | | (6) | |
| Dunn,Dale Dr | 25 | 13 | + | + | + | + | + | + | + | + | | 32 | 88 | + | + | + | + | + | | + | | | A66,A34,A25 | (4) | |
| Dunn,Paul Dr | 22 | 100 | + | | | | | | | | | 18 | 100 | + | | | | | | | | | | (2) | |
| Eckels/CPMC, | 40 | ??? | + | + | + | + | | | | | | 62 | ??? | + | + | + | + | + | + | | + | | A25,A34,A66 | (4) | |
| Elkhalifa MD | ??? | ??? | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Esteves Kond | 12 | 50 | + | | | | | | | | | 11 | 20 | + | | | | | | | | | | (1) | |
| Esteves-Kond | 78 | 60 | + | + | + | + | + | + | + | + | A3 | 80 | 40 | + | + | | + | + | | + | | | A3,A25 | (3) | |
| Fort,Marylis | ??? | ??? | + | + | + | + | + | + | + | + | B78 | ??? | ??? | + | + | + | + | + | + | + | + | + | | (3) | |
| Gandhi,Manis | 71 | ??? | + | + | + | + | + | + | + | + | B73 | 76 | ??? | + | + | + | + | + | + | + | + | + | | (3) | |
| Gautreaux,Mi | 66 | ??? | + | + | + | + | + | + | + | + | | 86 | ??? | + | + | + | + | + | + | + | + | + | | (3) | |
| Gideon,Osna | 64 | 100 | + | + | + | + | + | + | + | + | A33 | 84 | 100 | + | + | + | + | + | + | + | + | + | | (3) | |
| Hahn,Amy B. | 30 | 100 | + | + | + | + | | | | | A31 | 40 | 100 | + | + | + | | | | | | | | (4) | |
| Hamdi,Nuha D | 65 | 100 | + | + | + | + | + | | | + | B18,B65 | 76 | 100 | + | + | + | + | | + | + | | | A30,A25,B57 | (3) | |
| Han,Hoon Dr | 55 | ??? | + | + | + | + | + | + | | + | | 45 | ??? | + | + | + | + | + | | | | | | (3) | |
| Hogan,Patric | 30 | 69 | + | | | | | | | | | 34 | 94 | + | | | | | | | | | | (1) | |
| Holdsworth,R | ??? | ??? | + | + | + | + | + | + | + | + | B73 | ??? | ??? | + | + | + | + | + | + | + | + | + | | (3) | |
| Ichikawa MD, | 38 | ??? | + | | + | | | | | | B51 | 27 | ??? | + | + | | + | | | | | | | (3) | |
| Klein,Tirza | 62 | 100 | + | + | + | + | + | + | + | + | B73,B41 | 82 | 100 | + | + | + | | + | | | | | | A69,B73,B41> | (3) |
| Lardy,N.M. D | 16 | 78 | + | | | | | | | | | 29 | 100 | + | | + | | | | | | | | (2) | |
| MacCann,Eile | 80 | ??? | + | + | + | + | + | + | + | + | 6601 | 94 | ??? | + | + | + | + | + | + | + | + | + | | A25 | (3) |
| Mah,Helen | 19 | 67 | + | | + | | | | | | | 26 | 100 | + | + | | | | | | + | | | (4) | |
| McAlack,Robe | 27 | 100 | + | + | + | + | + | + | + | + | B78 | 34 | 100 | + | + | + | + | + | + | + | | + | + | (3) | |
| McAlack-Hana | 54 | 100 | + | + | + | + | + | + | + | + | | 89 | 100 | + | + | + | + | + | + | | | + | + | (3) | |
| McCluskey,Ja | 0 | 0 | | | | | | | | | | 30 | 0 | + | | | | | | | | | | (6) | |
| Meyer,Pieter | 70 | ??? | + | + | + | + | | | | + | CW3,B27,B81> | 94 | ??? | | + | + | + | + | | | | | | CW7,CW8,CW3,A3> | () |
| Ozawa,Mikki | ??? | ??? | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Pais,Maria L | 3 | ??? | + | + | | | | | | + | | 6 | ??? | + | + | + | | + | | | | | | (3) | |
| Pereira,Noem | ??? | ??? | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Permpikul & | 14 | 64 | + | | | | | | | | | 15 | 83 | + | | | | | | | | | | (1) | |
| Phelan,Donna | 17 | ??? | + | + | + | + | + | + | + | + | | 51 | ??? | + | | + | + | | + | + | + | | | A3,A9,A25,A34 | (6) |
| Pidwell/Aska | 31 | 100 | + | + | | | | | | | | 26 | 100 | + | + | | | | | | | | | (2) | |
| Ramon,Daniel | 52 | ??? | + | + | + | + | + | + | + | + | | 69 | ??? | + | + | + | + | + | + | + | + | + | | A25,A34 | (4) |
| Rees,Tracey | ??? | ??? | + | + | + | + | + | + | + | + | 6601 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Rosen-Bronso | ??? | ??? | + | + | + | + | + | + | + | + | B80 | ??? | ??? | + | + | + | + | + | + | + | + | + | | A3,A25,A34 | () |
| Sage,Deborah | 90 | ??? | + | + | + | + | + | + | + | + | 6601 | 94 | ??? | + | + | | + | + | + | + | + | + | | A3,A25,A34> | (3) |
| Sinnott & Gu | ??? | ??? | + | + | + | + | + | + | + | + | 6601 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Suciu-Foca,N | 16 | 33 | + | | | | | | | | | 21 | 25 | + | + | | | | | + | | | | (1) | |
| Tagliere,Jac | ??? | ??? | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | (3) | |
| Turner,E.V. | ??? | ??? | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | | + | + | + | + | + | + | | A25,A3,A30,A34 | (3) |

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 46 TYPING LABS ***

| | | |
|------|-----|-------|
| A1 | 98% | 0.933 |
| A36 | 78% | 1.000 |
| A11 | 76% | 0.734 |
| A26 | 72% | 0.963 |
| A29 | 70% | 0.915 |
| A25 | 65% | 0.950 |
| A80 | 61% | 0.968 |
| A34 | 54% | 0.968 |
| A43 | 52% | 1.000 |
| A66 | 33% | 0.947 |
| 6601 | 11% | 1.000 |
| B73 | 7% | 1.000 |
| B51 | 4% | 1.000 |
| B78 | 4% | 1.000 |

*** 46 TYPING LABS ***

| | | |
|-----|-----|-------|
| A1 | 98% | 0.970 |
| A24 | 78% | 0.762 |
| A36 | 74% | 0.978 |
| A11 | 72% | 0.788 |
| A23 | 70% | 0.957 |
| A80 | 59% | 1.000 |
| A29 | 57% | 0.935 |
| A26 | 54% | 0.890 |
| A43 | 41% | 1.000 |
| B76 | 35% | 1.000 |
| A25 | 26% | 0.882 |
| A34 | 20% | 0.900 |
| A3 | 15% | 1.000 |
| A30 | 4% | 1.000 |
| A66 | 4% | 1.000 |
| A69 | 4% | 1.000 |
| B45 | 4% | 1.000 |

Methods:

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

*** 46 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: All

***** SERUM NO. 1045 ***** SERUM NO. 1046 *****

| | % | % | A | | % | % | A | | METHOD |
|--------------|-----|-----|---|--|-----|-----|---|---------|--------|
| | POS | 8'S | 1 | | POS | 8'S | 1 | | |
| Esteves Kond | 12 | 50 | + | | 11 | 20 | + | | (1) |
| Hogan,Patric | 30 | 69 | + | | 34 | 94 | + | | (1) |
| Permpikul & | 14 | 64 | + | | 15 | 83 | + | | (1) |
| Suciu-Foca,N | 16 | 33 | + | | 21 | 25 | + | A24,A29 | (1) |

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 4 TYPING LABS ***

A1 100% 0.881

*** 4 TYPING LABS ***

A1 100% 0.881
A24 25% 1.000
A29 25% 1.000

*** 4 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1045 ***** SERUM NO. 1046 *****

| | % | % | A | | % | % | A | | METHOD |
|--------------|-----|-----|---|-----|-----|-----|---|---|--------|
| | POS | 8'S | 1 | | POS | 8'S | 1 | 6 | |
| Dunn,Paul Dr | 22 | 100 | + | | 18 | 100 | + | | (2) |
| Lardy,N.M. D | 16 | 78 | + | | 29 | 100 | + | + | (2) |
| Pidwell/Aska | 31 | 100 | + | A36 | 26 | 100 | + | + | (2) |

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 3 TYPING LABS ***

A1 100% 0.889
A36 33% 1.000

*** 3 TYPING LABS ***

A1 100% 1.000
A36 67% 0.750

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: NIH-ext

| | SERUM NO. 1045 | | | | | | | | | | SERUM NO. 1046 | | | | | | | | | | METHOD | | | | | |
|----------------|----------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----------------|-----|-------|-------|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----------|--------------------------|
| | % POS | % 8'S | A 1 | A 2 | A 1 | A 3 | A 2 | A 8 | A 2 | A 4 | A 3 | A 4 | A 6 | % POS | % 8'S | A 1 | A 4 | A 2 | A 2 | A 1 | | A 3 | A 8 | A 2 | A 2 | A 4 |
| Abbal, Michel | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Al-Attas, Rab | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Alvarez & Ca | 22 | ??? | + | + | + | | + | | + | | | | 37 | ??? | + | + | + | | | | | | | | | A3, A25, A34, B45 (F-3) |
| Arnold, Angel | 71 | ??? | + | + | + | + | + | + | + | + | + | | 92 | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Baker, Judy | 71 | ??? | + | + | + | + | + | | + | | | | 82 | ??? | + | + | + | + | + | + | + | | | | | (L-3) |
| Cecka, J. Mich | 71 | 100 | + | + | + | + | + | + | + | | + | A30 | 80 | 100 | + | + | + | + | + | + | + | + | | + | A25 (L-3) | |
| Charlton, Ron | 74 | ??? | + | + | + | + | + | + | + | | + | | 96 | ??? | + | + | + | + | + | | | | | | | (L-3) |
| Cohen, JHM Pr | 62 | ??? | + | + | + | + | + | + | + | | + | | 76 | ??? | + | + | + | + | + | | | + | + | + | | A25 (L-3) |
| Dunn, Paul Dr | ??? | ??? | + | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Eckels/CPMC | 85 | ??? | + | + | + | + | + | + | + | + | | 6601 | 98 | ??? | + | + | + | | | | + | + | | | | A25, A3, A30, A31 (LF-3) |
| Elkhalifa MD | ??? | ??? | + | + | + | + | + | + | + | + | + | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Esteves-Kond | 78 | 60 | + | + | + | + | + | + | + | | + | A3 | 80 | 40 | + | + | + | | | | + | | | | | A3, A25 (F-3) |
| Gandhi, Manis | 71 | ??? | + | + | + | + | + | + | + | + | | B73 | 76 | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Gautreaux, Mi | 66 | ??? | + | + | + | + | + | + | + | + | | | 86 | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Gideoni, Osna | 64 | 100 | + | + | + | + | + | + | + | + | | A33 | 84 | 100 | + | + | + | + | + | + | + | + | + | + | + | A34 (L-3) |
| Hahn, Amy B. | 28 | ??? | + | + | + | + | + | + | + | + | | 6601 | 33 | ??? | + | + | + | + | + | + | + | + | + | + | + | A25 (L-3) |
| Hamdi, Nuha D | 65 | 100 | + | + | + | + | + | | + | | + | B18, B65 | 76 | 100 | + | + | + | + | + | | + | + | | | | A30, A25, B57 (L-3) |
| Han, Hoon Dr | 55 | ??? | + | + | + | + | + | + | | + | | | 45 | ??? | + | + | + | + | + | | + | | | | | A69 (L-3) |
| Hogan, Patric | 16 | ??? | + | + | + | + | + | + | | + | + | B78 | 21 | ??? | + | + | + | + | + | + | + | | + | + | | B82 (L-3) |
| Holdsworth, R | ??? | ??? | + | + | + | + | + | + | + | + | | B73 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Ichikawa MD, | 38 | ??? | + | + | + | | | | | | | B51 | 27 | ??? | + | + | + | | | | | | | | | (L-3) |
| Klein, Tirza | 62 | 100 | + | + | + | + | + | + | + | + | | B73, B41 | 82 | 100 | + | + | + | + | + | | + | | | | | A69, B73, B41> (L-3) |
| MacCann, Eile | 80 | ??? | + | + | + | + | + | + | + | + | | 6601 | 94 | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Mah, Helen | ??? | ??? | + | + | + | + | + | + | + | + | | B73 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| McAlack, Robe | 27 | 100 | + | + | + | + | + | + | + | + | | B78 | 34 | 100 | + | + | + | + | + | + | + | + | | + | + | (L-3) |
| McAlack-Hana | 54 | 100 | + | + | + | + | + | + | + | + | | | 89 | 100 | + | + | + | + | + | + | | + | + | | | (L-3) |
| McCluskey, Ja | 11 | ??? | + | + | + | + | + | | + | | + | 8001, 6601, B78 | 18 | ??? | + | + | + | + | + | | + | + | + | + | | 8001, B82 (L-3) |
| Ozawa, Mikki | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Pais, Maria L | 3 | ??? | + | | + | | + | | | | | | 6 | ??? | + | + | + | + | + | | + | | | | | (L-3) |
| Pereira, Noem | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Permpikul & | ??? | ??? | + | + | + | + | + | + | + | + | | A69 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | A30, A25 (L-3) |
| Phelan, Donna | 21 | ??? | + | + | + | + | + | + | + | + | | 6601 | 28 | ??? | + | | + | + | + | + | + | + | | | | A3, A9, A25, A34 (L-3) |
| Pidwell/Aska | 78 | 100 | + | + | + | + | + | + | + | + | | | 96 | 100 | + | + | + | + | + | + | + | + | + | + | + | (F-3) |
| Ramon, Daniel | 53 | ??? | + | + | + | + | + | + | + | + | | 6601 | 80 | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Rees, Tracey | ??? | ??? | + | + | + | + | + | + | + | + | | 6601 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Sage, Deborah | 90 | ??? | + | + | + | + | + | + | + | + | | 6601 | 94 | ??? | + | + | + | | | | + | + | + | + | + | A3, A25, A34> (L-3) |
| Sinnott & Gu | ??? | ??? | + | + | + | + | + | + | + | + | | 6601 | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Suciu-Foca, N | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Tagliere, Jac | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | + | + | + | + | + | + | + | + | (L-3) |
| Turner, E.V. | ??? | ??? | + | + | + | + | + | + | + | + | | | ??? | ??? | + | + | + | | | | + | + | + | + | + | A25, A3, A30, A34 (L-3) |

(3) - L-Luminex, F-Flow

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 40 TYPING LABS ***

| | | |
|------|------|-------|
| A1 | 100% | 1.000 |
| A11 | 98% | 0.988 |
| A26 | 98% | 0.984 |
| A36 | 95% | 1.000 |
| A29 | 95% | 0.986 |
| A80 | 90% | 1.000 |
| A25 | 88% | 1.000 |
| A43 | 80% | 1.000 |
| A34 | 78% | 1.000 |
| A66 | 43% | 0.963 |
| 6601 | 25% | 1.000 |
| B73 | 10% | 1.000 |
| B78 | 10% | 1.000 |
| B51 | 5% | 1.000 |

*** 40 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A24 | 98% | 0.880 |
| A11 | 95% | 0.988 |
| A23 | 95% | 0.983 |
| A36 | 85% | 1.000 |
| A80 | 80% | 1.000 |
| A29 | 80% | 0.984 |
| A26 | 73% | 0.929 |
| A43 | 68% | 1.000 |
| B76 | 63% | 1.000 |
| A25 | 30% | 1.000 |
| A3 | 15% | 1.000 |
| A34 | 13% | 1.000 |
| A30 | 10% | 1.000 |
| A69 | 5% | 1.000 |
| B45 | 5% | 1.000 |
| B82 | 5% | 1.000 |

*** 40 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1045 ***** SERUM NO. 1046 *****

| | SERUM NO. 1045 | | | | | | | | | | SERUM NO. 1046 | | | | | | | | | | METHOD | | |
|----------------|----------------|-----|---|---|---|---|---|---|---|---|----------------|-----|---|---|---|---|---|---|---|---|--------|-----|-----|
| | % | % | A | A | A | A | A | A | A | A | % | % | A | A | A | A | A | A | A | A | | | |
| POS | 8'S | 1 | 6 | 9 | 1 | 6 | 6 | 5 | 0 | 4 | POS | 8'S | 1 | 6 | 4 | 1 | 6 | 3 | 0 | 4 | 5 | 6 | |
| Cecka, J. Mich | 38 | 0 | + | + | + | + | + | + | + | + | 31 | 0 | + | + | + | + | + | + | + | + | + | A29 | (4) |
| Dunn, Dale Dr | 25 | 13 | + | + | + | + | + | + | + | + | 32 | 88 | + | + | + | + | + | + | + | + | + | + | (4) |
| Eckels/CPMC, | 40 | ??? | + | + | + | + | + | + | + | + | 62 | ??? | + | + | + | + | + | + | + | + | + | + | (4) |
| Hahn, Amy B. | 30 | 100 | + | + | + | + | + | + | + | + | 40 | 100 | + | + | + | + | + | + | + | + | + | + | (4) |
| Mah, Helen | 19 | 67 | + | + | + | + | + | + | + | + | 26 | 100 | + | + | + | + | + | + | + | + | + | + | (4) |
| Ramon, Daniel | 52 | ??? | + | + | + | + | + | + | + | + | 69 | ??? | + | + | + | + | + | + | + | + | + | A29 | (4) |
| Suciu-Foca, N | 13 | 17 | + | + | + | + | + | + | + | + | 37 | 71 | + | + | + | + | + | + | + | + | + | + | (4) |

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 7 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 0.889 |
| A36 | 86% | 1.000 |
| A29 | 71% | 0.850 |
| A11 | 71% | 0.359 |
| A66 | 43% | 1.000 |
| A26 | 43% | 0.800 |
| A25 | 43% | 0.714 |
| A34 | 29% | 0.667 |
| A80 | 29% | 0.667 |
| A31 | 14% | 0.750 |

*** 7 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A36 | 86% | 1.000 |
| A24 | 86% | 0.535 |
| A11 | 71% | 0.407 |
| A23 | 57% | 0.800 |
| A26 | 57% | 0.667 |
| A80 | 43% | 1.000 |
| A34 | 43% | 0.750 |
| A25 | 43% | 0.600 |
| A66 | 29% | 1.000 |
| A29 | 29% | 0.600 |

*** 7 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Antiglobulin

***** SERUM NO. 1045 ***** SERUM NO. 1046 *****

| SERUM NO. 1045 | | | | | | | SERUM NO. 1046 | | | | | | | | | | METHOD | | |
|----------------|-----|-----|---|---|---|---|----------------|-----|---|---|---|---|---|---|---|---|--------|---------|-----|
| % | % | A | A | A | A | A | % | % | A | A | B | B | B | A | A | | | | |
| POS | 8'S | 8 | 3 | 2 | 2 | A | POS | 8'S | 2 | 1 | A | B | 4 | 4 | 3 | 3 | 2 | | |
| Esteves-Kond | 50 | 0 | + | + | + | + | 62 | 55 | + | + | + | | | | | + | + | A29,A25 | (5) |
| Hahn,Amy B. | 12 | ??? | + | + | + | + | 16 | ??? | + | + | + | + | + | + | + | + | + | A26 | (5) |
| McAlack,Robe | 14 | 0 | + | + | + | + | 19 | 0 | + | + | + | + | + | + | + | | | A80 | (5) |

***** SERUM NO.1045 ***** SERUM NO.1046 *****

*** 3 TYPING LABS ***

| | | |
|------|------|-------|
| A29 | 100% | 1.000 |
| A36 | 100% | 1.000 |
| A1 | 100% | 0.917 |
| A26 | 100% | 0.800 |
| A80 | 100% | 0.750 |
| A11 | 67% | 0.700 |
| 1102 | 33% | 1.000 |
| 5101 | 33% | 1.000 |
| 5301 | 33% | 1.000 |
| 6601 | 33% | 1.000 |
| A25 | 33% | 1.000 |
| B59 | 33% | 1.000 |

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A23 | 100% | 1.000 |
| A11 | 100% | 0.857 |
| A24 | 67% | 1.000 |
| A36 | 67% | 1.000 |
| B8 | 67% | 1.000 |
| B37 | 67% | 1.000 |
| B41 | 67% | 1.000 |
| B42 | 67% | 1.000 |
| A26 | 33% | 1.000 |
| A80 | 33% | 1.000 |
| A29 | 33% | 0.667 |
| A25 | 33% | 0.500 |

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Elisa

***** SERUM NO.1047 ***** SERUM NO.1048 *****

*** 46 TYPING LABS ***

| | | |
|-----|-----|-------|
| A1 | 93% | 0.918 |
| A11 | 80% | 0.700 |
| A36 | 76% | 0.938 |
| A24 | 72% | 0.707 |
| A3 | 65% | 0.854 |
| A23 | 63% | 0.976 |
| A80 | 48% | 1.000 |
| A29 | 39% | 0.846 |
| B76 | 30% | 1.000 |
| A43 | 26% | 1.000 |
| A26 | 26% | 0.871 |
| A25 | 22% | 1.000 |
| A30 | 13% | 0.873 |
| A34 | 11% | 1.000 |
| A31 | 9% | 1.000 |
| A66 | 9% | 0.889 |
| A32 | 4% | 1.000 |
| A33 | 4% | 1.000 |

*** 46 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 0.988 |
| A36 | 80% | 0.963 |
| A29 | 72% | 0.895 |
| A26 | 65% | 0.900 |
| A11 | 61% | 0.678 |
| A80 | 54% | 1.000 |
| A43 | 50% | 1.000 |
| A30 | 46% | 1.000 |
| A3 | 46% | 0.778 |
| A31 | 28% | 0.833 |
| A34 | 13% | 1.000 |
| A32 | 4% | 1.000 |
| A66 | 4% | 1.000 |
| A25 | 4% | 0.500 |
| A24 | 4% | 0.350 |

Methods:

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

*** 46 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: All

***** SERUM NO. 1047 ***** SERUM NO. 1048 *****

| SERUM NO. 1047 | | | | SERUM NO. 1048 | | | | METHOD |
|----------------|-------|-----|-------|----------------|-------|-----|-----|--------|
| % POS | % 8'S | A 1 | | % POS | % 8'S | A 1 | | |
| Esteves Kond | 4 | 0 | ??? | 18 | 100 | + | A36 | (1) |
| Hogan, Patric | 18 | 11 | + | 34 | 100 | + | | (1) |
| Permpikul & | 14 | 40 | + | 15 | 100 | + | | (1) |
| Suciu-Foca, N | 36 | 25 | + A11 | 21 | 50 | + | A29 | (1) |

***** SERUM NO.1047 ***** SERUM NO.1048 *****

*** 4 TYPING LABS ***

A1 75% 0.636
 ??? 25% 1.000
 A11 25% 1.000

*** 4 TYPING LABS ***

A1 100% 0.976
 A29 25% 1.000
 A36 25% 1.000

*** 4 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1047 ***** SERUM NO. 1048 *****

| SERUM NO. 1047 | | | | SERUM NO. 1048 | | | | METHOD |
|----------------|-------|-----|-----|----------------|-------|-----|-----|--------|
| % POS | % 8'S | A 1 | A 3 | % POS | % 8'S | A 1 | A 3 | |
| Dunn, Paul Dr | 18 | 100 | + | 18 | ??? | + | | (2) |
| Lardy, N.M. D | 32 | 100 | + + | 16 | 100 | + + | | (2) |
| Pidwell/Aska | 29 | 100 | + + | 26 | 100 | + + | | (2) |

***** SERUM NO.1047 ***** SERUM NO.1048 *****

*** 3 TYPING LABS ***

A1 100% 1.000
 A36 67% 1.000

*** 3 TYPING LABS ***

A1 100% 1.000
 A36 67% 0.750

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: NIH-ext

| | | A | A | A | A | A | B | A | A | | | A | A | A | A | A | A | A | A | METHOD | | | |
|----------------|-----|-----|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|---|---|---|--------|---|-----------------------|--|
| % | % | 2 | 1 | 1 | 3 | 3 | 8 | 7 | 2 | 4 | % | % | 1 | 2 | 2 | 3 | 1 | 8 | 4 | 3 | 3 | 1 | |
| POS | 8'S | 4 | 1 | 1 | 6 | 3 | 0 | 6 | 9 | 3 | POS | 8'S | 1 | 9 | 6 | 6 | 1 | 0 | 3 | 0 | 3 | 1 | |
| Abbal, Michel | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Al-Attas, Rab | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Alvarez & Ca | 43 | ??? | + | + | + | + | | | | | 10 | ??? | + | + | | | | | | | | A25, A30, A26> (F-3) | |
| Arnold, Angel | 89 | ??? | + | + | + | + | + | + | + | + | 83 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Baker, Judy | 84 | ??? | + | + | + | + | + | + | + | + | 56 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Cecka, J. Mich | 89 | 100 | + | + | + | + | + | + | + | + | 60 | 100 | + | + | + | + | + | + | + | + | + | A34 (L-3) | |
| Charlton, Ron | 100 | ??? | + | + | + | + | + | + | + | + | 90 | ??? | + | + | + | + | + | + | + | + | + | A74, B76 (L-3) | |
| Cohen, JHM Pr | 73 | ??? | + | + | + | + | + | + | + | + | 49 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Dunn, Paul Dr | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Eckels/CPMC, | 99 | ??? | + | + | + | + | + | + | + | + | 89 | ??? | + | + | + | + | + | + | + | + | + | A25, A26, A30> (LF-3) | |
| Elkhalifa MD | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Esteves-Kond | 88 | 40 | + | + | + | + | + | + | + | + | 75 | 60 | + | + | + | + | + | + | + | + | + | (F-3) | |
| Gandhi, Manis | 74 | ??? | + | + | + | + | + | + | + | + | 68 | ??? | + | + | + | + | + | + | + | + | + | A25 (L-3) | |
| Gautreaux, Mi | 100 | ??? | + | + | + | + | + | + | + | + | 82 | ??? | + | + | + | + | + | + | + | + | + | A26, A30, A25 (L-3) | |
| Gideoni, Osna | 96 | 100 | + | + | + | + | + | + | + | + | 70 | 100 | + | + | + | + | + | + | + | + | + | A31, A26 (L-3) | |
| Hahn, Amy B. | 33 | ??? | + | + | + | + | + | + | + | + | 30 | ??? | + | + | + | + | + | + | + | + | + | A34, B78, B52 (L-3) | |
| Hamdi, Nuha D | 69 | 100 | + | + | + | + | + | + | + | + | 42 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| Han, Hoon Dr | 58 | ??? | + | + | + | + | + | + | + | + | 53 | ??? | + | + | + | + | + | + | + | + | + | B13 (L-3) | |
| Hogan, Patric | 26 | ??? | + | + | + | + | + | + | + | + | 15 | ??? | + | + | + | + | + | + | + | + | + | A69 (L-3) | |
| Holdsworth, R | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | B49, A34 (L-3) | |
| Ichikawa MD, | 35 | ??? | + | + | + | + | + | + | + | + | 5 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Klein, Tirza | 94 | 100 | + | + | + | + | + | + | + | + | 59 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| MacCann, Eile | 100 | ??? | + | + | + | + | + | + | + | + | 76 | ??? | + | + | + | + | + | + | + | + | + | A34, B73, B71 (L-3) | |
| Mah, Helen | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | A34 (L-3) | |
| McAlack, Robe | 34 | 100 | + | + | + | + | + | + | + | + | 29 | 100 | + | + | + | + | + | + | + | + | + | B76 (L-3) | |
| McAlack-Hana | 89 | 100 | + | + | + | + | + | + | + | + | 74 | 100 | + | + | + | + | + | + | + | + | + | (L-3) | |
| McCluskey, Ja | 15 | ??? | + | + | + | + | + | + | + | + | 24 | ??? | + | + | + | + | + | + | + | + | + | A34, A26 (L-3) | |
| Ozawa, Mikki | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Pais, Maria L | 7 | ??? | + | + | + | + | + | + | + | + | 6 | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Pereira, Noem | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Permpikul & | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | A25, A26, A66 (L-3) | |
| Phelan, Donna | 28 | ??? | + | + | + | + | + | + | + | + | 16 | ??? | + | + | + | + | + | + | + | + | + | A33, A74, A25 (L-3) | |
| Pidwell/Aska | 89 | 100 | + | + | + | + | + | + | + | + | 84 | 100 | + | + | + | + | + | + | + | + | + | A34 (L-3) | |
| Ramon, Daniel | 89 | ??? | + | + | + | + | + | + | + | + | 66 | ??? | + | + | + | + | + | + | + | + | + | CW9 (F-3) | |
| Rees, Tracey | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Sage, Deborah | 97 | ??? | + | + | + | + | + | + | + | + | 78 | ??? | + | + | + | + | + | + | + | + | + | B76 (L-3) | |
| Sinnott & Gu | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | A34, A74 (L-3) | |
| Suciu-Foca, N | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | A34 (L-3) | |
| Tagliere, Jac | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | (L-3) | |
| Turner, E.V. | ??? | ??? | + | + | + | + | + | + | + | + | ??? | ??? | + | + | + | + | + | + | + | + | + | A34 (L-3) | |
| | | | | | | | | | | | | | | | | | | | | | | A25, A26, A30> (L-3) | |

(3) - L-Luminex, F-Flow

***** SERUM NO.1047 ***** SERUM NO.1048 *****

*** 40 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A11 | 100% | 0.977 |
| A24 | 100% | 0.753 |
| A36 | 93% | 1.000 |
| A23 | 93% | 0.983 |
| A3 | 93% | 0.884 |
| A80 | 75% | 1.000 |
| B76 | 53% | 1.000 |
| A29 | 50% | 1.000 |
| A43 | 48% | 1.000 |
| A26 | 33% | 0.887 |
| A25 | 28% | 0.941 |
| A34 | 23% | 1.000 |
| A30 | 13% | 0.870 |
| A66 | 10% | 0.750 |
| A31 | 8% | 1.000 |

*** 40 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A29 | 98% | 0.986 |
| A26 | 95% | 0.930 |
| A36 | 93% | 1.000 |
| A11 | 90% | 0.955 |
| A80 | 85% | 1.000 |
| A43 | 73% | 1.000 |
| A30 | 70% | 1.000 |
| A3 | 65% | 0.930 |
| A31 | 48% | 0.875 |
| A34 | 20% | 1.000 |
| A25 | 8% | 1.000 |
| B76 | 8% | 1.000 |
| A74 | 8% | 0.833 |
| A32 | 5% | 1.000 |
| A33 | 5% | 1.000 |
| B49 | 5% | 1.000 |

*** 40 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1047 ***** SERUM NO. 1048 *****

| | SERUM NO. 1047 | | | | | | | | SERUM NO. 1048 | | | | | | | | METHOD | | | | |
|----------------|----------------|-----|---|---|---|---|---|---|----------------|-----|-----|-----|---|---|---|---|--------|---|---|---|-----|
| | % | % | A | A | A | A | A | A | % | % | A | A | A | A | A | A | | | | | |
| | POS | 8'S | 3 | 1 | 1 | 8 | 3 | 9 | 4 | POS | 8'S | 3 | 1 | 9 | 0 | 6 | 3 | 6 | 4 | 1 | |
| Cecka, J. Mich | 36 | 0 | + | + | + | + | + | + | + | A66 | 34 | 25 | + | + | + | + | + | + | + | + | (4) |
| Dunn, Dale Dr | 18 | 100 | + | + | + | + | | + | | A26 | 27 | 0 | + | + | + | + | + | + | + | + | (4) |
| Eckels/CPMC, | 63 | ??? | + | + | + | + | + | | + | A23 | 17 | ??? | + | + | | | | | | | (4) |
| Hahn, Amy B. | 43 | 100 | + | + | + | | | | | | 20 | 100 | + | + | | | | | | | (4) |
| Mah, Helen | 16 | 100 | + | + | | | | | | | 24 | 100 | + | + | | | | | | | (4) |
| Ramon, Daniel | 47 | ??? | + | + | + | | + | | | | 34 | ??? | + | + | + | | | + | | | (4) |
| Suciu-Foca, N | 47 | 67 | + | + | + | + | | | | | 37 | 86 | + | + | + | | | | | | (4) |

***** SERUM NO. 1047 ***** SERUM NO. 1048 *****

*** 7 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 1.000 |
| A36 | 100% | 0.786 |
| A11 | 86% | 0.364 |
| A80 | 57% | 1.000 |
| A3 | 43% | 0.556 |
| A24 | 29% | 0.545 |
| A29 | 29% | 0.500 |
| A23 | 14% | 1.000 |
| A66 | 14% | 1.000 |
| A26 | 14% | 0.333 |

*** 7 TYPING LABS ***

| | | |
|-----|------|-------|
| A1 | 100% | 0.972 |
| A36 | 100% | 0.929 |
| A29 | 57% | 0.500 |
| A66 | 29% | 1.000 |
| A80 | 29% | 1.000 |
| A26 | 29% | 0.500 |
| A24 | 29% | 0.350 |
| A3 | 29% | 0.286 |
| A11 | 29% | 0.208 |
| A30 | 14% | 1.000 |
| B59 | 14% | 1.000 |
| A25 | 14% | 0.333 |

*** 7 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Antiglobulin

***** SERUM NO. 1047 ***** SERUM NO. 1048 *****

| | % | % | A | A | A | A | A | A | A | | % | % | A | A | A | A | | | |
|---------------|-----|-----|---|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|---------------|-----|
| | POS | 8'S | 2 | 1 | 1 | 0 | 6 | 3 | 6 | 5 | 4 | POS | 8'S | 6 | 9 | 6 | 1 | 0 | |
| Esteves-Kond | 67 | 25 | + | + | + | | + | + | | + | + | 37 | 12 | + | + | + | + | A23 | (5) |
| Hahn, Amy B. | 5 | ??? | + | + | + | + | + | + | + | + | + | 8 | ??? | + | + | + | + | B62 | (5) |
| McAlack, Robe | 15 | 0 | + | + | + | + | | | + | | | 41 | 0 | + | + | + | + | B59, A11, A24 | (5) |

***** SERUM NO.1047 ***** SERUM NO.1048 *****

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A23 | 100% | 1.000 |
| A1 | 100% | 0.917 |
| A11 | 100% | 0.833 |
| A24 | 67% | 1.000 |
| A25 | 67% | 1.000 |
| A26 | 67% | 1.000 |
| A36 | 67% | 1.000 |
| A80 | 67% | 1.000 |
| A3 | 67% | 0.800 |
| A29 | 33% | 1.000 |
| A32 | 33% | 1.000 |

*** 3 TYPING LABS ***

| | | |
|-----|------|-------|
| A29 | 100% | 1.000 |
| A36 | 100% | 1.000 |
| A1 | 100% | 0.917 |
| A26 | 100% | 0.800 |
| A80 | 67% | 1.000 |
| A11 | 33% | 1.000 |
| A24 | 33% | 1.000 |
| B59 | 33% | 1.000 |
| B62 | 33% | 1.000 |
| A23 | 33% | 0.400 |

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: MAR 9 2011 *****

Method: Elisa

| INVESTIGATOR | | DNA EXTRACT #501 (Hispanic) | | B1 | B2 | C1 | C2 | method |
|--------------|---------------|-----------------------------|---------------------|-----------------|------------------|---------------|-------------------|----------------|
| CTR | NAME | A1 | A2 | | | | | |
| 5488 | Adams, Sharon | *03 | *24 | *3531 | *470101 | *0305 | *060201 | RSSO, SBT, SSP |
| 4691 | Ajlan, Abdula | *03 | *24 | *35 | *47 | *03 | *06 | SSO |
| 745 | Anthony Nola | *03:01:01 | *24:02:01:01 | *35:31 | *47:01:01 | *03:05 | *06:02:01 | SSO, SSP, SBT |
| 5133 | Baker, Judy | *030101 | *240201 | *3531 | *470101 | *0305 | *0602 | SSO, SBT |
| 4345 | Blasczyk, Rai | *03:01:01G | *24:02:01G | *35:31 | *47:01 | *03:05 | *06:02 | PCR-SBT |
| 5106 | Brown, Colin | *03 | *24 | *35:31 | *47:01 | *03:02/05/17+ | *06 | P-RVSSOP, SBT |
| 785 | Chan, Soh Ha | *03 | *24 | *3531 | *4701 | *0305 | *0602 | SBT |
| 3224 | Chen, Dongfen | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SBT, RVSSOP |
| 8021 | Clark, Brenda | *0301-04/07+ | *2402/03/07+ | *3510/13/16/22+ | *4701-05 | *0302/0401+ | *0602/03/07+ | PCR-SSP |
| 5219 | Daniel, Dolly | *03 | *24 | *35 | *47 | | | PCR-SSOP |
| 5323 | Dhaliwal, J. | *03 | *24 | *35 | *47 | *03 | *06 | PCR-SSP |
| 5891 | Du, Keming | *0301/08 | *2402/07 | *3531 | *4701 | *0305 | *0602 | PCR-SBT |
| 3766 | Dunn, Paul | *03 | *24 | *35:31 | *47:01 | *03:02G | *06 | SSO, SSP |
| 3428 | Eckels/Utah | *0301 | *2402G | *3531 | *4701 | *0305 | *0602/21/25-27/29 | SSOP |
| 2332 | Elkhalifa, Mo | *03 | *24 | *35 | *47 | *03 | *06 | SSP |
| 4251 | Ellis, Thomas | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | *03:01/01:01:2N+ | *24:02/09N/11N/40N+ | *35:31 | *47:01 | *03:05 | *06:02 | RSSO, SSP, SBT |
| 3135 | Fischer, John | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | PCR-SSO, SBT |
| 234 | Gomez, Carmen | *03 | *24 | *3531 | *4701 | *03 | *06 | SSOP |
| 5195 | Gomez, Carmen | *03 | *24 | *35 | *47 | *03 | *06 | SSOP |
| 1694 | Gottwald&Hes | *03 | *24 | *35 | *47 | *03 | *06 | SSP |
| 810 | Hamdi, Nuha | *0301 | *2402 | *3531 | *4701 | *0302 | *0602 | SSO |
| 1461 | Hidajat, Mela | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SSO, SSP |
| 615 | Holdsworth, R | *03 | *24 | *3531 | *4701 | | | SSP, SBT |
| 2344 | Hurley&Hartz | *03010101/010102N+ | *24020101/020102L+ | *3531 | *47010101/010102 | *0305 | *06020101/020102+ | SBT, SSOP |
| 748 | Jaramillo, An | *03 | *24 | *35 | *47 | *03(Cw10) | *06 | |
| 797 | Kato, Shunich | *03:01/01N/62+ | *24:02/02L/13 | *35:31 | *47:01 | *03:05 | *06:02 | SSO, SBT |
| 2847 | Kihara, Masaa | *03 | *24 | *35 | *47 | *03 | *06 | RVSSO |
| 5096 | Koh, Eun-mi | *03 | *24 | *35 | *47 | | | PCR-SSO |
| 87 | Land, Geoff | *0301 | *2402 | *3531 | *4701 | *0305 | *0602 | SBT, SSP |
| 278 | Lee, Jar-How | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SSP, RVSSOP |
| 640 | Lee, Kyung Wh | *03:01:01:01/07/08 | *24:02:01:01/56/07 | *35:31 | *47:01:01 | *03:05 | *06:02:01 | PCR-SBT |
| 1108 | Linke, Robert | *03 | *24 | *35 | *47 | *03 | *06 | RVSSOP |
| 9916 | McIntyre, Joh | *03:01:01 | *24:02:01:01 | *35:31 | *47:01:01 | *03:05 | *06:02:01 | |
| 3186 | Moses, Jonath | *03 | *24 | *35 | *47 | *0304-06/08+ | *06 | |
| 8042 | Muncher, Lior | *0301 | *2402 | *3531 | *4701 | *0305 | *0602 | SSOP, SSP |
| 8022 | Olerup, Olle | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SSP |
| 8065 | Padua, Florec | *03 | *24 | *35:22 | *47 | | | SSP |
| 3648 | Pereira, Noem | *03:01// *03:72 | *24:02// *24:104 | *35:31 | *47:01 | *03:05 | *06:02 | RSSO, SSP, SBT |
| 3966 | Permpikul&Ve | *03 | *24 | *35 | *4701 | *03 | *06 | PCR-SSP |
| 2400 | Phelan, Donna | *0301 | *2402 | *3531 | *4701 | *0305 | *0602 | RSSO, SBT, SSP |
| 735 | Ramon, Daniel | *03 | *24 | *35 | *47 | *03(Cw10) | *06 | RVSSOP |
| 3753 | Reed, Elaine | *0301/07/08/15/17+ | *2402/07/13/21/53+ | *3531 | *4701 | *0305 | *0602 | SBT |
| 3625 | Rees, Tracey | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SBT, PCR-SSP |
| 3798 | Reinsmoen, N | *03:01:01/01N | *24:02:01/01L | *35:31 | *47:01:01 | *03:05 | *06:02:01 | RSSO, SSP, SBT |
| 3545 | Scornik, Juan | *0301 | *2402 | *3531 | *4701 | *03:05 | *06:02 | SSOP, SBT |
| 746 | Stamm, Luz | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SSP, SBT |
| 13 | Tagliere, Jac | *03:01 | *24:02 | *35:31 | *47:01 | *03:05 | *06:02 | SSP |
| 4021 | Trachtenberg | *03 | *24 | *3531 | *4701 | *03 | *06 | RVSSO, SSP |
| 5462 | Turner, E.V. | *03:01 | *24:02 | *35:31 | *47:01:01 | *03:05 | *06:02:01 | SBT, SSO, SSP |
| 789 | Walter Reed | *03 | *24 | *35 | *47 | *03 | *06 | SSP |

| INVESTIGATOR | DNA EXTRACT #502 (Caucasian) | | B1 | B2 | C1 | C2 | method |
|--------------------|------------------------------|----------------------|---------------|-----------------|-----------------|-------------------|----------------|
| CTR NAME | A1 | A2 | | | | | |
| 5488 Adams, Sharon | *0101 | *0201 | *080101 | *5306 | *0202/27 | *07 | RSSO, SBT, SSP |
| 4691 Ajlan, Abdula | *01 | *02 | *08 | *53 | *02 | *07 | SSO |
| 745 Anthony Nola | *01:01 | *02:01 | *08:01:01 | *53:06 | *02:02 | *07:01 | SSO, SSP, SBT |
| 5133 Baker, Judy | *010101 | *020101 | *080101 | *5306 | *0202 | *0701 | SSO, SBT |
| 4345 Blasczyk, Rai | *01:01:01G | *02:01:01G | *08:01:01G | *53:06 | *02:02 | *07:01:01G | PCR-SBT |
| 5106 Brown, Colin | *01 | *02 | *08 | *5306 | *02 | *07 | PCR-SSOP, SBT |
| 785 Chan, Soh Ha | *01/*3604 | *02 | *0801/19N | *5306 | *0202/16/27/29 | *0701/06/09/18+ | SBT |
| 3224 Chen, Dongfen | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01/06/18 | SBT, RVSSOP |
| 8021 Clark, Brenda | *0101/02/04N/06+ | *020101-0104/0106+ | *0801/06-08N+ | *5301/02/04/06+ | *0202/04-15+ | *0701/06/07+ | PCR-SSP |
| 5219 Daniel, Dolly | *01 | *02 | *08 | *53 | | | PCR-SSOP |
| 5323 Dhaliwal, J. | *01 | *02 | *08 | *53 | *02 | *07 | PCR-SSP |
| 5891 Du, Keming | *0101 | *0201 | *0801 | *5306 | *0202 | *0701 | PCR-SBT |
| 3766 Dunn, Paul | *01 | *02 | *08 | *53:06 | *02 | *07 | SSO, SSP |
| 3428 Eckels/Utah | *0101G | *0201G | *0801 | *5306 | *0202 | *0701G | SSOP |
| 2332 Elkhalfa, Mo | *01 | *02 | *08 | *53 | *02 | *07 | SSP |
| 4251 Ellis, Thomas | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | PCR-SSO, SEQ |
| 762 Fischer&Mayr | *01:01/04N/22N/32+ | *02:01/09/43N/66+ | *08:01/19N | *53:06 | *02:02/29 | *07:01/16/18/52 | RSSO, SSP, SBT |
| 3135 Fischer, John | *01:01 | *02:01/01L | *08:01 | *53:06 | *02:02 | *07:01/06/18 | PCR-SSO, SBT |
| 234 Gomez, Carmen | *01 | *02 | *08 | *5306 | *02 | *07 | SSOP |
| 5195 Gomez, Carmen | *01 | *02 | *08 | *53 | *02 | *07 | SSOP |
| 1694 Gottwald&Hes | *01 | *02 | *08 | *53 | *02 | *07 | SSP |
| 810 Hamdi, Nuha | *0101 | *0201 | *0801 | *5306 | *0202 | *0701 | SSO |
| 1461 Hidajat, Mela | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SSO, SSP |
| 615 Holdsworth, R | *01 | *02 | *08 | *53 | | | SSP |
| 2344 Hurley&Hartz | *01010101/010102N+ | *02010101/010102L+ | *080101/19N | *5306 | *020202/29 | *070101/0102+ | SBT, SSOP |
| 748 Jaramillo, An | *01 | *02 | *08 | *53 | *02 | *07 | |
| 797 Kato, Shunich | *01:01/01N | *02:01/01L | *08:01 | *53:06 | *02:02/25/29 | *07:01/06/18+ | SSO, SBT |
| 2847 Kihara, Masaa | *01 | *02 | *08 | *53 | *02 | *07 | RVSSO |
| 5096 Koh, Eun-mi | *01 | *02 | *08 | *53 | | | PCR-SSO |
| 87 Land, Geoff | *0101 | *0201 | *0801 | *5306 | *0202 | *0701 | SBT, SSP |
| 278 Lee, Jar-How | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SSP, RVSSOP |
| 640 Lee, Kyung Wh | *01:01:01:01/01:13 | *02:01:01:01/01:02 | *08:01:01 | *53:06 | *02:02/16/27 | *07:01/22/09 | PCR-SBT |
| 1108 Linke, Robert | *01 | *02 | *08 | *53 | *02 | *07 | RVSSOP |
| 9916 McIntyre, Joh | *01:01:01:01 | *02:01:01 | *08:01:01 | *53:06 | *02:02 | *07:01 | |
| 3186 Moses, Jonath | *01 | *02 | *08 | *53 | *02 | *07 | |
| 8042 Muncher, Lior | *0101 | *0201 | *0801 | *5306 | *0202 | *0701 | SSOP, SSP |
| 8022 Olerup, Olle | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SSP |
| 8065 Padua, Florec | *01 | *02 | *08 | *51 | | | SSP |
| 3648 Pereira, Noem | *01:01// *01:30 | *02:01/01L// *02:246 | *08:01 | *53:06 | *02:02// *02:27 | *07:01P// *07:09 | RSSO, SBT, SSP |
| 3966 Permpikul&Ve | *01 | *02 | *08 | *53 | *02 | *07 | PCR-SSP |
| 2400 Phelan, Donna | *0101 | *0201 | *0801 | *5306 | *0202 | *0701 | RSSO, SBT, SSP |
| 735 Ramon, Daniel | *01 | *02 | *08 | *53 | *02 | *07 | RVSSOP |
| 3753 Reed, Elaine | *0101/14/*3604 | *0201/36/*9201 | *0801 | *5306 | *0202/16/27 | *0701/06/09/18/22 | SBT |
| 3625 Rees, Tracey | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SBT, PCR-SSP |
| 3798 Reinsmoen, N | *01:01:01/01N | *02:01:01/01L | *08:01:01 | *53:06 | *02:02:02 | *07:01 | RSSO, SSP, SBT |
| 3545 Scornik, Juan | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *0701/06/18 | SSOP, SBT |
| 746 Stamm, Luz | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SSP, SBT |
| 13 Tagliere, Jac | *01:01 | *02:01 | *08:01 | *53:06 | *02:02 | *07:01 | SSP |
| 4021 Trachtenberg | *01 | *02 | *08 | *5306 | *02 | *07 | RVSSO, SSP |
| 5462 Turner, E.V. | *01:01 | *02:01 | *08:01:01 | *53:06 | *02:02:02 | *07:01:01 | SBT, SSO, SSP |
| 789 Walter Reed | *01 | *02 | *08 | *53 | *02 | *07 | SSP |

| INVESTIGATOR | | DNA EXTRACT #503 | | | | | | method |
|--------------|---------------|--------------------|---------------------|--------------|-----------------|--------------|-------------------|----------------|
| CTR | NAME | A1 | A2 | B1 | B2 | C1 | C2 | |
| 5488 | Adams, Sharon | *010101/30 | *240201/17 | *2712 | *570101 | *060201/11 | *120301/0402 | RSSO, SBT, SSP |
| 4691 | Ajlan, Abdula | *01 | *24 | *27 | *57 | *06 | *12 | SSO |
| 745 | Anthony Nola | *01:01:01:01 | *24:02:01:01 | *27:12 | *57:01:01 | *06:02:01 | *12:03:01 | SSO, SSP, SBT |
| 5133 | Baker, Judy | *010101 | *240201 | *2712 | *570101 | *0602 | *1203 | SSO, SBT |
| 4345 | Blasczyk, Rai | *01:01:01G | *24:02:01G | *27:12 | *57:01 | *06 | *12 | PCR-SBT |
| 5106 | Brown, Colin | *01 | *24 | *27:12 | *57:01/06/15/18 | *06 | *12 | PCR-SSOP, SBT |
| 785 | Chan, Soh Ha | *01 | *24 | *2712 | *5701/29 | *0602/11/30 | *1203/04/23/28 | SBT |
| 3224 | Chen, Dongfen | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SBT, RVSSOP |
| 8021 | Clark, Brenda | *0101/04N/06+ | *2402/03/07+ | *2712/16/23+ | *5701-04/06+ | *0602/03/07+ | *120301/0303+ | PCR-SSP |
| 5219 | Daniel, Dolly | *01 | *24 | *27 | *57 | | | PCR-SSOP |
| 5323 | Dhaliwal, J. | *01 | *24 | *27 | *57 | *06 | *12 | PCR-SSP |
| 5891 | Du, Keming | *0101 | *2402 | *2712 | *5701/11/21 | *0602/11 | *1203/04 | PCR-SBT |
| 3766 | Dunn, Paul | *01 | *24 | *27:12 | *57:01 | *06 | *12 | SSO, SSP |
| 3428 | Eckels/Utah | *0101G | *2402G | *2712 | *5701/27/29 | *0602/11/17+ | *1202/03 | SSOP |
| 2332 | Elkhalifa, Mo | *01 | *24 | *27 | *57 | *06 | *12 | SSP |
| 4251 | Ellis, Thomas | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | *01:01/04N/22N/32+ | *24:02/09N/11N/40N+ | *27:12 | *57:01/29 | *06:02 | *12:03/23 | RSSO, SSP, SBT |
| 3135 | Fischer, John | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | PCR-SSO, SBT |
| 234 | Gomez, Carmen | *01 | *24 | *2712 | *57 | *06 | *12 | SSOP |
| 5195 | Gomez, Carmen | *01 | *24 | *27 | *57 | *06 | *12 | SSOP |
| 1694 | Gottwald&Hes | *01 | *24 | *27 | *57 | *06 | *12 | SSP |
| 810 | Hamdi, Nuha | *0101 | *2402 | *2712 | *5701 | *0602 | *1202 | SSO |
| 1461 | Hidajat, Mela | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SSO, SSP |
| 615 | Holdsworth, R | *01 | *24 | *2712 | *5701/29 | | | SSP, SBT |
| 2344 | Hurley&Hartz | *01010101/010102N+ | *24020101/020102L+ | *2712 | *570101/29 | *06020101+ | *12030101/030102+ | SBT, SSOP |
| 748 | Jaramillo, An | *01 | *24 | *27 | *57 | *06 | *12 | |
| 797 | Kato, Shunich | *01:01/01N | *24:02/01L | *27:12 | *57:01 | *06:02/11 | *12:03/04 | SSO, SBT |
| 2847 | Kihara, Masaa | *01 | *24 | *27 | *57 | *06 | *12 | RVSSO |
| 5096 | Koh, Eun-mi | *01 | *24 | *27 | *57 | | | PCR-SSO |
| 87 | Land, Geoff | *0101 | *2402 | *2712 | *5701 | *0602 | *1203 | SBT, SSP |
| 278 | Lee, Jar-How | *01:01/22N/32/34N | *24:02 | *27:12 | *57:01/27/29 | *06:02/21/25 | *12:03/23/25 | SSP, RVSSOP |
| 640 | Lee, Kyung Wh | *01:01:01:01/14+ | *24:02:01:01/46/87+ | *27:12 | *57:01:01 | *06:02/11/30 | *12:03:01/04/28 | PCR-SBT |
| 1108 | Linke, Robert | *01 | *24 | *27 | *57 | *06 | *12 | RVSSOP |
| 9916 | McIntyre, Joh | *01:01:01:01 | *24:02:01:01 | *27:12 | *57:01:01 | *06:02:01 | *12:03:01 | |
| 3186 | Moses, Jonath | *01 | *24 | *27 | *57 | *06 | *12 | |
| 8042 | Muncher, Lior | *0101 | *2402 | *2712 | *5701 | *0602 | *1203 | SSOP, SSP |
| 8022 | Olerup, Olle | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SSP |
| 8065 | Padua, Florec | *01 | *24 | *27:12 | *57 | | | SSP |
| 3648 | Pereira, Noem | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | RSSO, SSP, SBT |
| 3966 | Permpikul&Ve | *01 | *24 | *2712 | *57 | *06 | *12 | PCR-SSP |
| 2400 | Phelan, Donna | *0101 | *2402 | *2712 | *5701 | *0602 | *1203 | RSSO, SBT, SSP |
| 735 | Ramon, Daniel | *01 | *24 | *27 | *57 | *06 | *12 | RVSSOP |
| 3753 | Reed, Elaine | *0101/14/25/30 | *2402/17/46/87 | *2712 | *5701/21 | *0602/11 | *1203/04 | SBT |
| 3625 | Rees, Tracey | *01:01// *01:25 | *24:02// *24:87 | *27:12 | *57:01 | *06:02 | *12:03 | SBT, PCR-SSP |
| 3798 | Reinsmoen, N | *01:01:01/01N | *24:02:01/01L | *27:12 | *57:01:01 | *06:02:01 | *12:03:01 | RSSO, SSP, SBT |
| 3545 | Scornik, Juan | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SSOP, SBT |
| 746 | Stamm, Luz | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SSP, SBT |
| 13 | Tagliere, Jac | *01:01 | *24:02 | *27:12 | *57:01 | *06:02 | *12:03 | SSP |
| 4021 | Trachtenberg | *01 | *24 | *2712 | *57 | *06 | *12 | RVSSO, SSP |
| 5462 | Turner, E.V. | *01:01 | *24:02 | *27:12 | *57:01:01 | *06:02:01 | *12:03:01 | SBT, SSO, SSP |
| 789 | Walter Reed | *01 | *24 | *27 | *57 | *06 | *12 | SSP |

| INVESTIGATOR | DNA EXTRACT #504 (Hispanic) | | B1 | B2 | C1 | C2 | method |
|--------------------|-----------------------------|--------------------|-----------------|-----------------|----------------|-------------------|----------------|
| CTR NAME | A1 | A2 | | | | | |
| 5488 Adams, Sharon | *020101 | *320101 | *150101/70 | *2708/44 | *030401/07 | *060201/11 | RSSO, SBT, SSP |
| 4691 Ajlan, Abdula | *02 | *32 | *15 | *27 | *03 | *06 | SSO |
| 745 Anthony Nola | *02:01:01 | *32:01:01 | *15:01:01:01 | *27:08 | *03:04:01 | *06:02:01 | SSO, SSP, SBT |
| 5133 Baker, Judy | *020101 | *320101 | *150101 | *2708 | *0304//*0307 | *0602//*0611 | SSO, SBT |
| 4345 Blasczyk, Rai | *02:01:01G | *32:01 | *15:01:01G | *27:08 | *03:04 | *06:02 | PCR-SBT |
| 5106 Brown, Colin | *02 | *32 | *15:01 | *27:08 | *03:04/06/07+ | *06 | PCR-SSOP, SBT |
| 785 Chan, Soh Ha | *02 | *32/*74 | *1501/70/*9502+ | *2708/44 | *0304/07/32/35 | *0602/11/14/30 | SBT |
| 3224 Chen, Dongfen | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SBT, RSSOP |
| 8021 Clark, Brenda | *020101-0104/0106+ | *3201/03/06+ | *150101-0104+ | *2701/02/05/08+ | *0302/0401+ | *0602/03/07+ | PCR-SSP |
| 5219 Daniel, Dolly | *02 | *32 | *15 | *27 | | | PCR-SSOP |
| 5323 Dhaliwal, J. | *02 | *32 | *(B62) | *27 | *03 | *06 | PCR-SSP |
| 5891 Du, Keming | *0201 | *3201 | *1501 | *2708 | *0304 | *0602 | PCR-SBT |
| 3766 Dunn, Paul | *02 | *32 | *15 | *27 | *03:04G | *06 | SSO, SSP |
| 3428 Eckels/Utah | *0201G | *3201/06/07/12/16+ | *1501G | *2705/08/42/44+ | *0304/07/63+ | *0602/11/21/25+ | SSOP |
| 2332 Elkhalfa, Mo | *02 | *32 | *15 | *27 | *03 | *06 | SSP |
| 4251 Ellis, Thomas | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | PCR-SSO, SEQ |
| 762 Fischer&Mayr | *02:01/09/43N/66+ | *32:01 | *15:01/102/104+ | *27:08 | *03:04 | *06:02 | RSSO, SSP, SBT |
| 3135 Fischer, John | *02:01/01L | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | PCR-SSO, SBT |
| 234 Gomez, Carmen | *02 | *32 | *15 | *27 | *03 | *06 | SSOP |
| 5195 Gomez, Carmen | *02 | *32 | *15 | *27 | *03 | *06 | SSOP |
| 1694 Gottwald&Hes | *02 | *32 | *15 | *27 | *03 | *06 | SSP |
| 810 Hamdi, Nuha | *0201 | *3201 | *1501 | *2705 | *0304 | *0602 | SSO |
| 1461 Hidajat, Mela | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSO, SSP |
| 615 Holdsworth, R | *02 | *32 | *15 | *27 | | | SSP |
| 2344 Hurley&Hartz | *02010101/010102L+ | *320101/0102 | *15010101+ | *2708 | *03040101+ | *06020101/020102+ | SBT, SSOP |
| 748 Jaramillo, An | *02 | *32 | *15(B62) | *27 | *03(Cw10) | *06 | |
| 797 Kato, Shunich | *02:01/01L/40 | *32:01/06 | *15:01/01N/70 | *27:08/44 | *03:04/07 | *06:02/11 | SSO, SBT |
| 2847 Kihara, Masaa | *02 | *32 | *15 | *27 | *03 | *06 | RVSSO |
| 5096 Koh, Eun-mi | *02 | *32 | *15 | *27 | | | PCR-SSO |
| 87 Land, Geoff | *0201 | *3201 | *1501 | *2708 | *0304 | *0602 | SBT, SSP |
| 278 Lee, Jar-How | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSP, RVSSOP |
| 640 Lee, Kyung Wh | *02:01:01/40/90 | *32:01:01/06/08 | *15:01:01:01/70 | *27:08/44 | *03:04/07/32+ | *06:02/11/30/14 | PCR-SBT |
| 1108 Linke, Robert | *02 | *32 | *15 | *27 | *03 | *06 | RVSSOP |
| 9916 McIntyre, Joh | *02:01:01 | *32:01:01 | *15:01:01:01 | *27:08 | *03:04:01 | *06:02:01 | |
| 3186 Moses, Jonath | *02 | *32 | *1501/01N/04+ | *27 | *0304-06/08+ | *06 | |
| 8042 Muncher, Lior | *0201 | *3201 | *1501 | *2708 | *0304 | *0602 | SSOP, SSP |
| 8022 Olerup, Olle | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSP |
| 8065 Padua, Florec | *02 | *32 | *15(B62) | *2708 | | | SSP |
| 3648 Pereira, Noem | *02:01/01L | *32:01 | *15:01/01N//+ | *27:08//*27:44 | *03:04 | *06:02 | RSSO, SSP, SBT |
| 3966 Permpikul&Ve | *02 | *32 | *15 | *27 | *03 | *06 | PCR-SSP |
| 2400 Phelan, Donna | *0201 | *3201 | *1501/01N | *2708 | *0304 | *0602 | RSSO, SBT, SSP |
| 735 Ramon, Daniel | *02 | *32 | *(B62) | *27 | *03(Cw10) | *06 | RVSSOP |
| 3753 Reed, Elaine | *0201/40/81/90 | *3201/06/08/*7406 | *1501/70 | *2708/44 | *0304/07/35 | *0602/11/14 | SBT |
| 3625 Rees, Tracey | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SBT, PCR-SSP |
| 3798 Reinsmoen, N | *02:01:01/01L | *32:01:01 | *15:01:01/01N | *27:08 | *03:04:01 | *06:02:01 | RSSO, SSP, SBT |
| 3545 Scornik, Juan | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSOP, SBT |
| 746 Stamm, Luz | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSP, SBT |
| 13 Tagliere, Jac | *02:01 | *32:01 | *15:01 | *27:08 | *03:04 | *06:02 | SSP |
| 4021 Trachtenberg | *02 | *32 | *15 | *27 | *03 | *06 | RVSSO, SSP |
| 5462 Turner, E.V. | *02:01:01 | *32:01:01 | *15:01:01 | *27:08 | *03:04:01 | *06:02:01 | SBT, SSO, SSP |
| 789 Walter Reed | *02 | *32 | *15 | *27 | *03 | *06 | SSP |

SUMMARY

| | | | |
|--|--|---|--|
| <u>Extract 501 (Hispanic)</u> <u>51 labs</u> A*03 63% A*03:01 19% A*0301 12% A*03:01:01 4% A*030101 2% A*03 100% TOTAL | <u>Extract 502 (Caucasian)</u> <u>51 labs</u> A*01 57% A*01:01 23% A*0101 12% A*010101 2% A*01:01:01:01 2% A*01 96% TOTAL | <u>Extract 503</u> <u>51 labs</u> A*01 65% A*01:01 19% A*0101 10% A*010101 2% A*01:01:01:01 4% A*01 100% TOTAL | <u>Extract 504 (Hispanic)</u> <u>51 labs</u> A*02 63% A*02:01 17% A*0201 10% A*02:01:01 6% A*020101 4% A*02 100% TOTAL |
| A*24 65% A*24:02 19% A*2402 10% A*240201 2% A*24:02:01:01 4% A*24 100% TOTAL | A*02 61% A*02:01 23% A*0201 12% A*02:01:01 2% A*020101 2% A*02 100% TOTAL | A*24 63% A*24:02 21% A*2402 10% A*240201 2% A*24:02:01:01 4% A*24 100% TOTAL | A*32 47% A*32:01 25% A*3201 12% A*32:01:01 8% A*320101 4% A*32 96% TOTAL |
| <u>51 labs</u> B*35 31% B*35:22 2% B*35:31 39% B*3531 28% B*35 100% TOTAL | <u>51 labs</u> B*08 49% B*08:01 23% B*0801 14% B*08:01:01 10% B*080101 4% B*08 100% TOTAL | <u>51 labs</u> B*27 27% B*27:12 45% B*2712 28% B*27 100% TOTAL | <u>51 labs</u> B*15 63% B*15:01 21% B*1501 8% B*15:01:01 2% B*150101 2% B*15:01:01:01 4% B*15 100% TOTAL |
| B*47 31% B*47:01 29% B*4701 24% B*47:01:01 10% B*470101 6% B*47 100% TOTAL | B*53 31% B*53:06 39% B*5306 28% B*53 98% TOTAL | B*57 41% B*57:01/27/29 2% B*5701/27/29 2% B*57:01/29 2% B*5701/29 4% B*570101/29 2% B*57:01 25% B*5701 8% B*57:01:01 10% B*570101 4% B*57 100% TOTAL | B*27 41% B*27:08/44 4% B*2708/44 6% B*2705 2% B*27:08 33% B*2708 14% B*27 100% TOTAL |
| <u>47 labs</u> C*03 36% Cw*0302 2% C*03:05 41% Cw*0305 21% C*03 100% TOTAL | <u>47 labs</u> C*02 53% C*02:02 28% Cw*0202 15% C*02:02:02 4% C*02 100% TOTAL | <u>47 labs</u> C*06 43% C*06:02/11/30 2% Cw*0602/11/30 2% C*06:02/11 2% Cw*0602/11 4% Cw*060201/11 2% C*06:02 23% Cw*0602 13% C*06:02:01 9% C*06 100% TOTAL | <u>47 labs</u> C*03 51% C*03:04 28% Cw*0304 13% C*03:04:01 8% C*03 100% TOTAL |
| C*06 38% C*06:02 30% Cw*0602 19% C*06:02:01 11% Cw*060201 2% C*06 100% TOTAL | C*07 53% C*07:01/06/18 4% Cw*0701/06/18 2% Cw*0701G 2% C*07:01:01G 2% C*07:01 22% Cw*0701 13% C*07:02:01:01 2% C*07 100% TOTAL | C*12 59% Cw*1202 2% C*12:03 21% Cw*1203 9% C*12:03:01 9% C*12 100% TOTAL | C*06 51% C*06:02 28% Cw*0602 13% C*06:02:01 8% C*06 100% TOTAL |

| CTR | INVESTIGATOR NAME | CELL NO.1413 (Asian) | A1 | A2 | B1 | B2 | C1 | C2 | method |
|------|-------------------|----------------------|----------------|-----------------|-----------|-------------------|------------------|-----------------|----------------|
| 745 | Anthony Nola | | *02:03:01 | *31:01:02 | *15:12 | *40:02:01 | *03:04:01 | *04:03 | SSO, SSP, SBT |
| 5106 | Brown, Colin | | *02:03/148 | *31 | *15:12/19 | *40:02/29/35/37+ | *03:04/06/09/19+ | *04:03/06 | PCR-RSSOP, SBT |
| 774 | Cecka, J. Mich | | *02:03/171 | *31 | *15:12 | *40:02/56/57/78+ | *03 | *04:03/06/16/42 | SSP |
| 5232 | Charlton, Ron | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | SSP, SSO |
| 4492 | Charron, D. | | *02 | *31 | *15 | *40 | *03 | *04 | |
| 798 | Claas, F.H.J. | | *02:03 | *31:01/11/20 | *15:12 | *40:02:01 | *03:04:01 | *04:03 | SBT, SSP |
| 3632 | Colombe, Beth | | *0203 | *3101 | *1512 | *4002 | *0304 | *0403 | SSOP, SSP |
| 5130 | Costeas, Paul | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | SSO, SSP |
| 779 | Daniel, Claud | | *02 | *31 | *15:12/19 | *40(B61) | *03(Cw10) | *04 | PCR-SSP |
| 3766 | Dunn, Paul | | *02:03/148 | *31 | *15:12 | *40:02G | *03:04G | *04:03/06 | SSO, SSP, SBT |
| 856 | Dupont, Bo | | *0203 | *3101 | | | *0304+ | *0403 | SSO |
| 5214 | Eckels/CPMC | | *02 | *31 | *15(B76) | *40(B61) | *03(Cw10) | *04 | SSO |
| 2332 | Elkhalifa, Mo | | *02 | *31 | *15 | *40 | *03 | *04 | RVSSO |
| 4251 | Ellis, Thomas | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | | *02:03/253/264 | *31:01/14N/23 | *15:12/19 | *40:02/56/97/144N | *03:04 | *04:03 | SSO, SBTex1-3 |
| 792 | Gandhi, Manis | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | SSO, SSP |
| 8043 | Gideoni, Osna | | *02 | *31 | *15 | *40 | *03 | *04 | SSP, SSOP |
| 810 | Hamdi, Nuha | | *0203 | *3101 | *1512 | *4002 | *0304 | *0403 | SSO |
| 4269 | Hanau, Daniel | | *02 | *31 | *15 | *40 | *03 | *04 | PCR-SSP |
| 3808 | Hogan, Patric | | *02 | *31 | *1512 | *4002G | *0304G | *04 | |
| 771 | Israel, Shosh | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | PCR-SBT, SSP |
| 9003 | Israel_LR | | *02 | *31 | *15 | *40 | *03 | *04 | PCR-SSO |
| 859 | Kamoun, Malek | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | |
| 4337 | Kim, Tai-Gyu | | *02:03 | *31:01/14N/23 | *15:12/19 | *40:02/56/97 | *03:04 | *04:03 | SBT |
| 168 | Klein, Tirza | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | |
| 9000 | Klein_LR | | *02 | *31 | *15 | *40 | *03 | *04 | PCR-SSO, SSP |
| 278 | Lee, Jar-How | | *02:03/11/25 | *31:01/28 | *15:12 | *40:02/56/97 | *03:04/63/72/74 | *04:03 | SSP, RVSSOP |
| 6649 | Lim, Young Ae | | *02 | *31 | *15(B76) | *40(B61) | *03(Cw10) | *04 | SSP |
| 731 | Loewenthal, R | | *02:03:01 | *31:01:02 | *15:12 | *40:02:01 | *03:04:01/28 | *04:03/06 | |
| 759 | Lopez-Cepero | | *0203/*9248 | *3101/09/11/13+ | *1512/19 | *4002/29/35/37+ | *0304/06/09/19+ | *0403/06 | RVSSO |
| 23 | Mah, Helen | | *02:03 | *31 | *15:12/19 | *40 | *03 | *04:03/06 | |
| 8029 | Mani, Rama | | *02 | *31 | *15 | *40 | | | PCR-SSP |
| 206 | McAlack-Bala | | *02 | *31 | *15:12 | *40:02 | *03:04 | *04 | RVSSOP |
| 3186 | Moses, Jonath | | *02 | *31 | *1512/19 | *4002/04/06/11+ | *0304-06/08-10+ | *04 | |
| 4336 | Park, Myoung | | *02 | *31 | *1512/19 | *40 | *03 | *0403/06 | RVSSO |
| 16 | Pidwell/Aska | | *020301 | *310102 | *1512 | *400201 | *030401//*0328 | *0403//*0406 | RSSO, SSP, SBT |
| 3625 | Rees, Tracey | | *02:03 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | PCR-SSP, SBT |
| 5200 | Reinke, Denni | | *02 | *31 | *15(B76) | *40(B61) | *03(Cw10) | *04 | SSP |
| 1160 | Rosen-Bronso | | *02 | *31 | *15:12/19 | *40 | *03 | *0403/06 | RVSSO, SSP |
| 793 | Rubocki, Ron | | *02 | *31 | *15(B76) | *40(B61) | *03(Cw10) | *04 | SSP |
| 3519 | Semana, Gilbe | | *02:22 | *31:01 | *15:12 | *40:02 | *03:04 | *04:03 | SBT |
| 8001 | Sheikh, Maqso | | *02 | *31 | *15:12/19 | *40:02 | *03:04/06 | *04 | RVSSOP, SSP |
| 769 | Tavoularis, S | | *02:03:01 | *31:01:02 | *15:12 | *40:02:01 | *03:04 | *04:03 | SSO, SBT, SSP |
| 5451 | Tilanus, Marc | | *02:03:01 | *31:01:02 | *15:12 | *40:02:01 | *03:04 | *04:03 | SBT |
| 5462 | Turner, E.V. | | *02:03:01 | *31:01:02 | *15:12 | *40:02:01 | *03:04:01 | *04:03 | SBT, SSO, SSP |
| 5642 | Varnavidou-N | | *02 | *31 | *15 | *40 | *03 | *04 | PCR-SSP |

| CTR | INVESTIGATOR NAME | CELL NO.1414 (Hispanic) | A1 | A2 | B1 | B2 | C1 | C2 | method |
|------|-------------------|-------------------------|-------------------|------------------|-----------------|--------------|------------------|-----------------|-----------------|
| 745 | Anthony Nola | | *24:02:01:01 | *31:01:02 | *35:03:01 | *35:43:01 | *01:02 | *04:01 | SSO, SSP, SBT |
| 5106 | Brown, Colin | | *24 | *31 | *35:03 | *35:43 | *01 | *04 | PCR-RSSOP, SBT |
| 774 | Cecka, J. Mich | | *24 | *31 | *35 | *15:143 | *01 | *04 | SSP |
| 5232 | Charlton, Ron | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | SSP, SSO |
| 4492 | Charron, D. | | *24 | *31 | *35 | | *01 | *04 | |
| 798 | Claas, F.H.J. | | *24:02:01 | *31:01:02 | *35:03:01 | *35:43 | *01:02:01 | *04:01:01 | SBT, SSP |
| 3632 | Colombe, Beth | | *2402 | *3101 | *3503/98 | *3543/67 | *0102 | *0401 | SSOP, SSP |
| 5130 | Costeas, Paul | | *24:02 | *31:01 | *35:03 | *15:01 | *01:02 | *04:01 | SSO, SSP |
| 779 | Daniel, Claud | | *24 | *31 | *35 | *35 | *01 | *04 | PCR-SSP |
| 3766 | Dunn, Paul | | *24 | *31 | *35:03 | *35:43 | *01 | *04 | SSO, SSP, SBT |
| 856 | Dupont, Bo | | *2402+ | *3101+ | | | *0102+ | *0401+ | SSO |
| 5214 | Eckels/CPMC | | *24 | *31 | *35 | *35 | *01 | *04 | SSO |
| 2332 | Elkhalifa, Mo | | *24 | *31 | *35 | | *01 | *04 | RVSSO |
| 4251 | Ellis, Thomas | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | | *24:02/09N/11N+ | *31:01/14N/23 | *35:03/70 | *35:43/67/79 | *01:02/25 | *04:01/09N/28+ | SSO, SBTex1-3 |
| 792 | Gandhi, Manis | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | SSO, SSP |
| 8043 | Gideoni, Osna | | *24 | *31 | *35 | | *01 | *04 | SSP, SSOP |
| 810 | Hamdi, Nuha | | *2402 | *3101 | *3503 | *3543 | *0102 | *0401 | SSO |
| 4269 | Hanau, Daniel | | *24020101 | *310102 | *350301 | *354301 | *0102 | *0401/30 | PCR-SSP, SBT |
| 3808 | Hogan, Patric | | *24 | *31 | *35 | *35 | *01 | *04 | |
| 771 | Israel, Shosh | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | PCR-SBT, SSP |
| 9003 | Israel_LR | | *24 | *31 | *35 | *35 | *01 | *04 | PCR-SSO |
| 859 | Kamoun, Malek | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | |
| 4337 | Kim, Tai-Gyu | | *24:02/08N/11N+ | *31:01/14N/23 | *35:03/70 | *35:43/67/79 | *01:02/25 | *04:01/09N/28+ | SBT |
| 168 | Klein, Tirza | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | |
| 9000 | Klein_LR | | *24 | *31 | *35 | | *01 | *04 | PCR-SSO, SSP |
| 278 | Lee, Jar-How | | *24:02 | *31:01/28 | *35:03/55/70 | *35:43/67/79 | *01:02/25/29-31+ | *04:01/44/45+ | SSP, RVSSOP |
| 6649 | Lim, Young Ae | | *24 | *31 | *35 | | *01 | *04 | SSP |
| 731 | Loewenthal, R | | *24:02:01:03:01 | *31:01:02:05 | *35:03:01 | *35:43 | *01:02 | *04:01/30 | |
| 759 | Lopez-Cepero | | *2402/09N/11N/15+ | *3101/09/12-14N+ | *3503/36/55/56+ | *3543/67/79 | *0102/03/07/08+ | *0401/05/07+ | RVSSO |
| 23 | Mah, Helen | | *24 | *31 | *35 | *35:43 | *01 | *04 | |
| 8029 | Mani, Rama | | *24 | *31 | *35 | | | | PCR-SSP |
| 206 | McAlack-Bala | | *24 | *31 | *35 | *35 | *01 | *04 | RVSSOP |
| 3186 | Moses, Jonath | | *24 | *31 | *35 | | *01 | *04 | |
| 4336 | Park, Myoung | | *24 | *31 | *3503 | *3543 | *01 | *0410/11/36 | RVSSO, SBT-B |
| 16 | Pidwell/Aska | | *240201//*2457 | *310102//*3129 | *350301 | *354301 | *0102//*1114//+ | *0401//*0429+ | RSSOP, SSP, SBT |
| 3625 | Rees, Tracey | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02/25 | *04:01/28-30/41 | PCR-SSP, SBT |
| 5200 | Reinke, Denni | | *24 | *31 | *35 | *35 | *01 | *04 | SSP |
| 1160 | Rosen-Bronso | | *24 | *31 | *35 | | *01 | *04 | RVSSO, SSP |
| 793 | Rubocki, Ron | | *24 | *31 | *35 | | *01 | *04 | SSP |
| 3519 | Semana, Gilbe | | *24:02 | *31:01 | *35:03 | *35:43 | *01:02 | *04:01 | SBT |
| 8001 | Sheikh, Maqso | | *24 | *31 | *35 | | *01 | *04 | RVSSOP, SSP |
| 769 | Tavoularis, S | | *24:02:01:01 | *31:01:02 | *35:03:01 | *35:43:01 | *01:02 | *04:01 | SSO, SBT, SSP |
| 5451 | Tilanus, Marc | | *24:02:01:01 | *31:01:02 | *35:03:01 | *35:43 | *01:02:01 | *04:01:01 | SBT |
| 5462 | Turner, E.V. | | *24:02:01 | *31:01:02 | *35:03:01 | *35:43 | *01:02 | *04:01 | SBT, SSO, SSP |
| 5642 | Varnavidou-N | | *24 | *31 | *35 | | *01 | *04 | PCR-SSP |

| CTR | INVESTIGATOR NAME | CELL NO.1415 (Hispanic) | A1 | A2 | B1 | B2 | C1 | C2 | method |
|------|-------------------|-------------------------|-------------------|------------------|------------------|-----------|------------------|-----------------|-----------------|
| 745 | Anthony Nola | | *02:01:01 | *68:01:02 | *51:02:01 | *40:20 | *03:04:01 | *08:01:01 | SSO, SSP, SBT |
| 5106 | Brown, Colin | | *02 | *68 | *51:02 | *40:20 | *03:04/06/09/19+ | *08 | PCR-RSSOP, SBT |
| 774 | Cecka, J. Mich | | *02 | *68 | *51:02/17/34/59+ | *40:20 | *03 | *08 | SSP |
| 5232 | Charlton, Ron | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | SSP, SSO |
| 4492 | Charron, D. | | *02 | *68 | *51 | *40 | *03 | *08 | |
| 798 | Claas, F.H.J. | | *02:01:01 | *68:01:02 | *51:02:01 | *40:20 | *03:04:01 | *08:01:01 | SBT, SSP |
| 3632 | Colombe, Beth | | *0201 | *6801 | *5102 | *4020 | *0304 | *0801 | SSOP, SSP |
| 5130 | Costeas, Paul | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | SSO, SSP |
| 779 | Daniel, Claud | | *02 | *68 | *51 | *40:03/20 | *03(Cw10) | *08 | PCR-SSP |
| 3766 | Dunn, Paul | | *02 | *68 | *51:02 | *40:20 | *03:04G | *08 | SSO, SSP, SBT |
| 856 | Dupont, Bo | | *0201+ | *6801+ | | | *0304+ | *0801+ | SSO |
| 5214 | Eckels/CPMC | | *02 | *68 | *51 | *40:20 | *03(Cw10) | *08 | SSO |
| 2332 | Elkhalifa, Mo | | *02 | *68 | *51 | *40 | *03 | *08 | RVSSO |
| 4251 | Ellis, Thomas | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | | *02:01/09/43N/66+ | *68:01/33 | *51:02 | *40:20 | *03:04 | *08:03 | SSO, SBTex1-3 |
| 792 | Gandhi, Manis | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | SSO, SSP |
| 8043 | Gideoni, Osna | | *02 | *68 | *51 | *40 | *03 | *08 | SSP, SSOP |
| 810 | Hamdi, Nuha | | *0201 | *6801 | *5102 | *4020 | *0304 | *0801 | SSO |
| 4269 | Hanau, Daniel | | *0201/01L | *6801/11N | *5102 | *4020 | *0304 | *0801 | SBT |
| 3808 | Hogan, Patric | | *02 | *68 | *51 | *4002G | *03:04G | *08 | |
| 771 | Israel, Shosh | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | PCR-SBT, SSP |
| 9003 | Israel_LR | | *02 | *68 | *51 | *40 | *03 | *08 | PCR-SSO |
| 859 | Kamoun, Malek | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01/22 | |
| 4337 | Kim, Tai-Gyu | | *02:01/09/43N/66+ | *68:01/11N/33 | *51:02 | *40:20 | *03:04 | *08:01/20/22/24 | SBT |
| 168 | Klein, Tirza | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | |
| 9000 | Klein_LR | | *02 | *68 | *51 | *40 | *03 | *08 | PCR-SSO, SSP |
| 278 | Lee, Jar-How | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04/54/63/72+ | *08:01 | SSP, RVSSOP |
| 6649 | Lim, Young Ae | | *02 | *68 | *51 | *40(B61) | *03 | *08 | SSP |
| 731 | Loewenthal, R | | *02:01:01/22:01 | *68:01:02/11N | *510201 | *4020 | *03:04/05/38 | *08:01:01/08/20 | |
| 759 | Lopez-Cepero | | *0201/07/09/15N+ | *6801/07/08/11N+ | *5102 | *4020 | *0304/06/09/19+ | *0801/08/20-22+ | RVSSO |
| 23 | Mah, Helen | | *02 | *68 | *51:02/70 | *40:20 | *03 | *08 | |
| 8029 | Mani, Rama | | *02 | *68 | *51 | *40 | | | PCR-SSP |
| 206 | McAlack-Bala | | *02 | *68 | *51:02 | *40:20 | *03:04 | *08 | RVSSOP |
| 3186 | Moses, Jonath | | *02 | *68 | *51 | *4003/20 | *0304-06/08-10+ | *08 | |
| 4336 | Park, Myoung | | *02 | *68 | *5102/40 | *4020 | *03 | *08 | RVSSO |
| 16 | Pidwell/Aska | | *020101 | *680102/11N | *510201 | *4020 | *030401 | *080101/22 | RSSOP, SBT, SSP |
| 3625 | Rees, Tracey | | *02:01 | *68:01/11N | *51:02 | *40:20 | *03:04 | *08:01/20/22/24 | PCR-SSP, SBT |
| 5200 | Reinke, Denni | | *02 | *68 | *51 | *40 | *03(Cw10) | *08 | SSP |
| 1160 | Rosen-Bronso | | *02 | *68 | *51:02/70 | *40:20 | *03 | *08 | RVSSO, SSP |
| 793 | Rubocki, Ron | | *02 | *68 | *51 | *40(B61) | *03(Cw10) | *08 | SSP |
| 3519 | Semana, Gilbe | | *02:01 | *68:01 | *51:02 | *40:20 | *03:04 | *08:01 | SBT |
| 8001 | Sheikh, Maqso | | *02 | *68 | *51 | *40:20 | *03:04/06 | *08 | RVSSOP, SSP |
| 769 | Tavoularis, S | | *02:01 | *68:01:02 | *51:02:01 | *40:20 | *03:04 | *08:01:01 | SSO, SBT, SSP |
| 5451 | Tilanus, Marc | | *02:01:01 | *68:01:02 | *51:02:01 | *40:20 | *03:04:01 | *08:01:01 | SBT |
| 5462 | Turner, E.V. | | *02:01:01 | *68:01 | *51:02:01 | *40:20 | *03:04:01 | *08:01:01 | SBT, SSO, SSP |
| 5642 | Varnavidou-N | | *02 | *68 | *51 | *40 | *03 | *08 | PCR-SSP |

| INVESTIGATOR | CELL NO.1416 (Filipino) | | | | | | method | |
|--------------|-------------------------|--------|------------------|------------------|-------------------|------------------|-----------------|-----------------|
| CTR | NAME | A1 | A2 | B1 | B2 | C1 | C2 | |
| 745 | Anthony Nola | *24:07 | *26:01:01 | *35:05:01 | *40:01 | *03:04:01 | *04:01:01 | SSO, SSP, SBT |
| 5106 | Brown, Colin | *24:07 | *26 | *35:05/89/97 | *40:01/22N/43/54+ | *03:04/06/07/09+ | *04 | PCR-RSSOP, SBT |
| 774 | Cecka, J. Mich | *24 | *26 | *35:05/51/72/89+ | *40:01/54/55/62+ | *03 | *04 | SSP |
| 5232 | Charlton, Ron | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | SSP, SSO |
| 4492 | Charron, D. | *24 | *26 | *35 | *40 | *03 | *04 | |
| 798 | Claas, F.H.J. | *24:07 | *26:01:01 | *35:05:01 | *40:01 | *03:04:01 | *04:01:01 | SBT, SSP |
| 3632 | Colombe, Beth | *2407 | *2601 | *3505 | *4001 | *0304 | *0401 | SSOP, SSP |
| 5130 | Costeas, Paul | *24:07 | *26:01 | *35:05 | *40:01 | *03:04/26 | *04:01/31 | SSO, SSP |
| 779 | Daniel, Claud | *24:07 | *26 | *35 | *40(B60) | *03(Cw10) | *04 | PCR-SSP |
| 3766 | Dunn, Paul | *24:07 | *26 | *35:05/89/97 | *40 | *03:04G | *04 | SSO, SSP, SBT |
| 856 | Dupont, Bo | *2402+ | *2613 | | | *0304+ | *0401+ | SSO |
| 5214 | Eckels/CPMC | *2407 | *26 | *35 | *40(B60) | *03(Cw10) | *04 | SSO |
| 2332 | Elkhalifa, Mo | *24 | *26 | *35 | *40 | *03 | *04 | RVSSO |
| 4251 | Ellis, Thomas | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | PCR-SSO, SEQ |
| 762 | Fischer&Mayr | *24:07 | *26:01/24/26 | *35:05 | *40:01/55/141 | *03:04 | *04:01/09N/28+ | SSO, SBTex1-3 |
| 792 | Gandhi, Manis | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | SSO, SSP |
| 8043 | Gideoni, Osna | *24 | *26 | *35 | *40 | *03 | *04 | SSP, SSOP |
| 810 | Hamdi, Nuha | *2407 | *2601 | *3505 | *4001 | *0304 | *0401 | SSO |
| 4269 | Hanau, Daniel | NT | | | | | | |
| 3808 | Hogan, Patric | *24 | *26 | *3505G | *4001G | *0304G | *04 | |
| 771 | Israel, Shosh | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | PCR-SBT, SSP |
| 9003 | Israel_LR | *24 | *26 | *35 | *40 | *03 | *04 | PCR-SSO |
| 859 | Kamoun, Malek | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | |
| 4337 | Kim, Tai-Gyu | *24:07 | *26:01/24/26 | *35:05 | *40:01/55 | *03:04 | *04:01/09N/28+ | SBT |
| 168 | Klein, Tirza | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | |
| 9000 | Klein_LR | *24 | *26 | *35 | *40 | *03 | *04 | PCR-SSO, SSP |
| 278 | Lee, Jar-How | *24:07 | *26:01/24/26/39+ | *35:05 | *40:01/55 | *03:04/54/63/72+ | *04:01/44/45+ | SSP, RVSSOP |
| 6649 | Lim, Young Ae | *24 | *26 | *35 | *40(B60) | *03 | *04 | SSP |
| 731 | Loewenthal, R | *24:07 | *26:01:01 | *35:05/72 | *40:01/07 | *03:04:01/07/28+ | *04:01:01/09N+ | |
| 759 | Lopez-Cepero | *2407 | *2601/10/15/17+ | *3505/89/93 | *4001/22N/43/54+ | *0304/06/07/09+ | *0401/04/05/07+ | RVSSO |
| 23 | Mah, Helen | *24:07 | *26 | *35:05 | *40 | *03 | *04 | |
| 8029 | Mani, Rama | *24 | *26 | *35 | *40 | | | PCR-SSP |
| 206 | McAlack-Bala | *24:07 | *26 | *35 | *40:01 | *03(Cw10) | *04 | RVSSOP |
| 3186 | Moses, Jonath | *24 | *26 | *35 | *4001/22N/30/34+ | *0304-06/08-10+ | *04 | |
| 4336 | Park, Myoung | *24 | *26 | *35 | *40 | *03 | *0411/36 | RVSSO |
| 16 | Pidwell/Aska | *2407 | *260101 | *350501 | *4001 | *030401 | *040101 | RSSOP, SSP, SBT |
| 3625 | Rees, Tracey | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01/28/30/41 | PCR-SSP, SBT |
| 5200 | Reinke, Denni | *24 | *26 | *35 | *40(B60) | *03(Cw10) | *04 | SSP |
| 1160 | Rosen-Bronso | *24:07 | *26 | *35:05/89/97 | *40:01 | *03 | *04 | RVSSO, SSP |
| 793 | Rubocki, Ron | *24 | *26 | *35 | *40(B60) | *03(Cw10) | *04 | SSP |
| 3519 | Semana, Gilbe | *24:07 | *26:01 | *35:05 | *40:01 | *03:04 | *04:01 | SBT |
| 8001 | Sheikh, Maqso | *24 | *26 | *35 | *4001 | *0304/06 | *04 | RVSSOP, SSP |
| 769 | Tavoularis, S | *24:07 | *26:01:01 | *35:05:01 | *40:01 | *03:04 | *04:01 | SSO, SBT, SSP |
| 5451 | Tilanus, Marc | *24:07 | *26:01:01 | *35:05 | *40:01 | *03:04:01 | *04:01:01 | SBT |
| 5462 | Turner, E.V. | *24:07 | *26:01:01 | *35:05:01 | *40:01 | *03:04:01 | *04:01:01 | SBT, SSO, SSP |
| 5642 | Varnavidou-N | *24 | *26 | *35 | *40 | *03 | *04 | PCR-SSP |

SUMMARY

Cell 1413 (Asian)
46 labs

| | |
|------------|------------|
| A*02 | 54% |
| A*02:03 | 24% |
| A*0203 | 7% |
| A*02:03:01 | 11% |
| A*020301 | 2% |
| A*02:22 | 2% |
| A*02 | 100% TOTAL |

| | |
|------------|------------|
| A*31 | 61% |
| A*31:01 | 20% |
| A*3101 | 6% |
| A*31:01:02 | 11% |
| A*310102 | 2% |
| A*31 | 100% TOTAL |

45 labs

| | |
|------------|------------|
| B*15 | 27% |
| B*15:12/19 | 15% |
| B*1512/19 | 7% |
| B*15:12 | 42% |
| B*1512 | 9% |
| B*15 | 100% TOTAL |

| | |
|------------|------------|
| B*40 | 56% |
| B*40:02 | 25% |
| B*4002 | 4% |
| B*40:02:01 | 13% |
| B*400201 | 2% |
| B*40 | 100% TOTAL |

45 labs

| | |
|------------|------------|
| C*03 | 58% |
| C*03:04 | 31% |
| Cw*0304 | 4% |
| C*03:04:01 | 7% |
| C*03 | 100% TOTAL |

| | |
|------------|------------|
| C*04 | 40% |
| C*04:03/06 | 9% |
| Cw*0403/06 | 7% |
| C*04:03 | 37% |
| Cw*0403 | 7% |
| C*04 | 100% TOTAL |

Cell 1414 (Hispanic)
46 labs

| | |
|---------------|------------|
| A*24 | 61% |
| A*24:02 | 22% |
| A*2402 | 4% |
| A*24:02:01 | 4% |
| A*24:02:01:01 | 7% |
| A*24020101 | 2% |
| A*24 | 100% TOTAL |

| | |
|------------|------------|
| A*31 | 63% |
| A*31:01 | 20% |
| A*3101 | 4% |
| A*31:01:02 | 11% |
| A*310102 | 2% |
| A*31 | 100% TOTAL |

45 labs

| | |
|------------|------------|
| B*35 | 53% |
| B*35:03 | 24% |
| B*3503 | 5% |
| B*35:03:01 | 13% |
| B*350301 | 5% |
| B*35 | 100% TOTAL |

| | |
|---------------|-----------|
| B*35 | 38% |
| B*35:43/67/79 | 7% |
| B*3543/67/79 | 2% |
| B*3543/67 | 2% |
| B*35:43 | 34% |
| B*3543 | 4% |
| B*35:43:01 | 4% |
| B*354301 | 4% |
| B*35 | 95% TOTAL |

45 labs

| | |
|------------|------------|
| C*01 | 62% |
| C*01:02 | 27% |
| Cw*0102 | 7% |
| C*01:02:01 | 4% |
| C*01 | 100% TOTAL |

| | |
|------------|------------|
| C*04 | 67% |
| C*04:01 | 25% |
| Cw*0401 | 4% |
| C*04:01:01 | 4% |
| C*04 | 100% TOTAL |

Cell 1415 (Hispanic)
46 labs

| | |
|------------|------------|
| A*02 | 61% |
| A*02:01 | 24% |
| A*0201 | 4% |
| A*02:01:01 | 9% |
| A*020101 | 2% |
| A*02 | 100% TOTAL |

| | |
|------------|------------|
| A*68 | 65% |
| A*68:01 | 22% |
| A*6801 | 4% |
| A*68:01:02 | 9% |
| A*68 | 100% TOTAL |

45 labs

| | |
|------------|------------|
| B*51 | 42% |
| B*51:02 | 33% |
| B*5102 | 9% |
| B*51:02:01 | 11% |
| B*510201 | 5% |
| B*51 | 100% TOTAL |

| | |
|---------|------------|
| B*40 | 29% |
| B*40:20 | 56% |
| B*4020 | 15% |
| B*40 | 100% TOTAL |

45 labs

| | |
|------------|------------|
| C*03 | 53% |
| C*03:04 | 29% |
| Cw*0304 | 7% |
| C*03:04:01 | 9% |
| Cw*030401 | 2% |
| C*03 | 100% TOTAL |

| | |
|------------|------------|
| C*08 | 62% |
| C:08:01 | 18% |
| Cw*0801 | 7% |
| C*08:01:01 | 11% |
| C*08:03 | 2% |
| C*08 | 100% TOTAL |

Cell 1416 (Filipino)
45 labs

| | |
|---------|------------|
| A*24 | 36% |
| A*24:07 | 53% |
| A*2407 | 11% |
| A*24 | 100% TOTAL |

| | |
|------------|------------|
| A*26 | 58% |
| A*26:01 | 20% |
| A*2601 | 5% |
| A*26:01:01 | 13% |
| A*260101 | 2% |
| A*2613 | 2% |
| A*26 | 100% TOTAL |

44 labs

| | |
|------------|------------|
| B*35 | 52% |
| B*35:05 | 32% |
| B*3505 | 5% |
| B*35:05:01 | 9% |
| B*350501 | 2% |
| B*35 | 100% TOTAL |

| | |
|---------|------------|
| B*40 | 55% |
| B*40:01 | 36% |
| B*4001 | 9% |
| B*40 | 100% TOTAL |

43 labs

| | |
|------------|------------|
| C*03 | 59% |
| C*03:04 | 25% |
| Cw*0304 | 5% |
| C*03:04:01 | 9% |
| Cw*030401 | 2% |
| C*03 | 100% TOTAL |

| | |
|------------|------------|
| C*04 | 66% |
| C*04:01 | 18% |
| Cw*0401 | 5% |
| C*04:01:01 | 9% |
| Cw*040101 | 2% |
| C*04 | 100% TOTAL |

INTERNATIONAL CELL EXCHANGE

| | | ***** CELL NO.1413 ***** | | | | | | ***** CELL NO.1414 ***** | | | | | | ***** CELL NO.1415 ***** | | | | | | ***** CELL NO.1416 ***** | | | | | | | | | | | | |
|----------------|------|--------------------------|-----|-------|-----|-----|-------|--------------------------|----------|-----|---|---|---|--------------------------|--------------|-----|---|---------|-------|--------------------------|---|-----|----------|---|-----|-----|---|-----|--------|-----|-----|---|
| | | V | | | | | | V | | | | | | V | | | | | | V | | | | | | | | | | | | |
| | | I | | | | | | I | | | | | | I | | | | | | I | | | | | | | | | | | | |
| | | (ASIA) | | | | | | (HISP) | | | | | | (HISP) | | | | | | (FILP) | | | | | | | | | | | | |
| INVESTIGATOR | DAYS | A | A | B | B | C | C | B | A | A | A | B | C | C | B | A | A | 5 | B | C | C | B | B | A | A | A | B | B | C | C | B | |
| NAME | OLD | % | 2 | 3 | 7 | 6 | W | 4 | W | % | 4 | 1 | 5 | 1 | 4 | 6 | % | 8 | 0 | 1 | 3 | 8 | 4 | 6 | % | 4 | 6 | 5 | 0 | 3 | 4 | 6 |
| | | | 1 | 6 | 1 | 3 | 0 | 6 | | | | | 1 | 4 | 6 | | | | | | | | | | | | | | | | | |
| | | | | | | | | 3 | OTHERS | | | | | OTHERS | | | | | | | | | | | | | | | OTHERS | | | |
| Abbal, Michel | 6 | 88 | + | + | + | + | | | | 90 | + | + | + | | | 90 | + | + | + | + | | | | | 90 | + | + | + | + | | | |
| Alonso, Anton | 6 | 90 | + | + | + | + | +W4 | | | 90 | + | + | + | + | | 90 | + | +51 | + | + | | B72 | | | 90 | + | + | + | + | | | |
| Alvarez, Carr | 3 | 90 | +19 | + | | | | | B60 | 80 | + | + | + | + | | 80 | + | +51 | + | + | | | | | 90 | + | + | + | + | | | |
| Anthony Nola | 3 | 98 | + | +15 | + | | | | | 95 | + | + | + | | | 98 | + | +51 | + | | | | | | 98 | + | + | + | + | | | |
| Arnold, Angel | 3 | 99 | + | + | +40 | + | | | B40V | 99 | + | + | + | + | B70 | 99 | + | + | +40 | + | + | + | | | 99 | + | + | + | + | + | | |
| Cecka, J. Mich | 3 | 95 | 03 | + | + | + | | | | 90 | + | + | + | + | B15 | 95 | + | + | + | + | + | | | | 95 | + | + | + | + | | | |
| Chan MD, Soh | 7 | 90 | + | + | + | + | +W6 | + | B60 | 90 | + | + | + | + | B63 | 90 | + | + | + | + | + | | B60, CW7 | | | 90 | + | + | + | + | A34 | |
| Charron, D. P | 4 | 95 | + | + | +40 | | | | | 99 | + | + | + | + | | 98 | + | +5140 | | + | | | | | 98 | + | + | +40 | | | | |
| Claas, F.H.J. | 6 | 90 | + | + | + | + | + | + | | 90 | + | + | + | + | | 90 | + | +2851 | + | + | + | | | | 90 | + | + | + | + | + | | |
| Dunk, Arthur | 2 | 98 | + | + | + | + | +W6 | + | | 98 | + | + | + | + | B70 | 98 | + | +2851 | + | + | + | + | | | 98 | + | + | + | + | + | | |
| Dunn, Paul Dr | 7 | 99 | + | + | + | + | | | | 99 | + | + | + | + | | 99 | + | +51 | + | + | + | | B60 | | 99 | + | + | + | + | | | |
| Esteves Kond | 3 | 100 | + | + | + | + | +10W4 | + | | 100 | + | + | + | + | | 100 | + | + | +10 | + | + | + | B61V | | 100 | + | + | + | +10 | + | | |
| Fischer, Joha | 6 | 95 | + | + | + | + | | | | 95 | + | + | + | + | | 95 | + | +51 | + | | + | | | | 90 | + | + | + | + | | | |
| Gideon, Osna | 6 | 100 | + | + | + | + | | | | 100 | + | + | + | + | | 100 | + | +51 | + | + | + | | | | 100 | + | + | + | + | + | | |
| Gomez, Carmen | 4 | 99 | + | + | + | + | +W6 | | | 99 | + | + | + | + | | 99 | + | +51 | + | + | + | | | | 99 | + | + | + | + | + | | |
| Gomez, Carmen | 4 | 99 | + | + | + | + | +W6 | | | 99 | + | + | + | + | | 99 | + | +51 | + | + | + | | | | 99 | + | + | + | + | + | | |
| Gottwald, Hes | 3 | 95 | + | +15 | + | +W4 | + | | | 95 | + | + | + | + | B72 | 95 | + | +5140 | + | + | + | | | | 95 | + | + | + | + | + | | |
| Hahn, Amy B. | 3 | 99 | + | + | + | + | +10W6 | + | | 99 | + | + | + | + | B75, B70 | 99 | + | + | +4010 | + | + | + | B53 | | 99 | + | + | + | +10 | + | | |
| Harville, Ter | 3 | 98 | 03 | + | + | + | +10W4 | + | | 98 | + | + | + | + | B39 | 98 | + | + | + | +10 | + | + | | | 98 | + | + | + | +10 | + | | |
| Hirankarn MD | 6 | 75 | + | + | + | + | | | | NT | | | | | | NT | | | | | | | | | NT | | | | | | | |
| Hogan, Patric | 8 | 90 | + | + | + | + | +W4 | + | | 85 | + | + | + | + | | 85 | + | +51 | + | + | + | + | | | 90 | + | + | + | + | + | | |
| Israel, Shosh | 5 | 95 | + | + | + | + | | | | 95 | + | + | + | + | | 95 | + | +2851 | + | + | + | | | | 95 | + | + | + | + | + | | |
| Keown, Paul M | 3 | ??? | + | +1540 | + | | | | | ??? | + | + | + | + | | ??? | + | +285340 | + | + | + | | | | ??? | + | + | + | + | + | | |
| Klein, Tirza | 6 | 80 | + | +15 | + | + | | | | 80 | + | + | + | + | B15 | 85 | + | +51 | + | + | + | | | | 90 | + | + | + | + | + | | |
| Kvam, Vonnett | 3 | 97 | + | + | + | + | +W6 | + | | 97 | + | + | + | + | B70 | 98 | + | +2851 | + | + | + | | | | 98 | + | + | + | + | + | | |
| Lardy, N.M. D | 6 | 90 | + | + | + | + | | | | 90 | + | + | + | + | | 90 | + | +2851 | + | + | + | | | | 90 | + | + | + | + | + | | |
| Lo, Raymundo | 6 | 98 | + | + | + | + | | | B62 | 98 | + | + | + | + | B18 | 98 | + | + | + | + | | B35 | | | 98 | + | + | + | + | | | |
| Loewenthal M | 5 | 95 | + | + | + | + | | | | 95 | + | + | + | + | | 95 | + | +2851 | + | + | + | + | | | 95 | + | + | + | + | + | | |
| MacCann, Eile | 3 | 98 | + | + | + | + | | | | 98 | + | + | + | + | B70 | 98 | + | +51 | + | | + | | | | 98 | + | + | + | + | | | |
| Mah, Helen | 3 | 99 | + | + | + | + | | | | 99 | + | + | + | + | | 99 | + | + | + | + | + | | | | 99 | + | + | + | + | | | |
| McAlack, Robe | 2 | 97 | + | + | + | + | +10 | + | | 97 | + | + | + | + | | 97 | + | + | +4010 | + | + | + | | | 98 | + | + | + | +10 | + | | |
| McAlack-Hana | 2 | 98 | + | + | + | + | +10 | + | | 98 | + | + | + | + | | 98 | + | + | +4010 | + | + | + | | | 98 | + | + | + | +10 | + | | |
| McCluskey, Ja | 14 | NT | | | | | | | | NT | | | | | | NT | | | | | | | | | NT | | | | | | | |
| Meyer, Pieter | 16 | 85 | + | 1540 | + | | | | A30 | 85 | + | + | + | + | B70 | 85 | + | +51 | + | + | | B60 | | | 85 | + | + | + | + | + | | |
| Mpunta, Loy | 6 | 90 | + | + | + | + | | | B60 | 90 | + | + | + | + | B63, BW4 | 90 | + | +2851 | + | + | + | + | B60 | | | 90 | + | + | + | + | BW4 | |
| Norin, Allen | 3 | 99 | + | + | + | + | | | | 99 | + | + | + | + | B78 | 99 | + | +51 | + | | + | + | B60 | | | 99 | + | + | + | + | | |
| Padua, Florec | 4 | 95 | + | + | + | + | | | | 97 | + | + | + | + | B71 | 94 | + | +51 | + | | | | | | 95 | + | + | + | | A80 | | |
| Pais, Maria L | 14 | 99 | + | + | + | + | | | | 99 | + | + | + | + | | 99 | + | +5140 | | | | | | | 99 | + | + | + | + | | | |
| Park, Myoung | 6 | 84 | + | + | + | + | +W4 | + | | 90 | + | + | + | + | | 82 | + | +2851 | + | + | + | + | | | 88 | + | + | + | + | + | | |
| Permpikul, Ve | 7 | 90 | 03 | + | + | + | | | | 90 | + | + | + | + | B70 | 90 | + | +53 | + | | + | | | | 90 | + | + | + | + | | | |
| Pidwell/Aska | 2 | 95 | + | + | + | + | +X6 | + | | 95 | + | + | + | + | | 95 | + | + | + | + | + | + | | | 95 | + | + | + | + | + | | |
| Pollack, Mari | 2 | 99 | + | + | + | + | +10X6 | + | | 99 | + | + | + | + | B70 | 99 | + | + | + | +10 | + | + | | | 99 | + | + | + | +10 | + | | |
| Rees, Tracey | 6 | 90 | + | + | + | + | + | + | | 90 | + | + | + | + | | 90 | + | + | + | + | + | + | | | 90 | + | + | + | + | + | | |
| Rosen-Bronso | 7 | 85 | + | + | + | + | | | | 85 | + | + | + | + | | 85 | + | +51 | + | + | + | | | | 85 | + | + | + | + | | | |
| Rubocki, Rona | 3 | 98 | + | + | + | + | | | | 98 | + | + | + | + | | 98 | + | +2851 | + | + | + | | | | 98 | + | + | + | + | + | | |
| Semana MD, Gi | 3 | 95 | + | + | + | +40 | | | | 95 | + | + | + | + | | 95 | + | +5140 | | + | + | | | | 95 | + | + | + | + | | | |
| Shai, Isaac | 9 | 92 | + | | | | | | B45, B70 | 90 | + | | | + | A33, B5, B50 | 92 | + | +B5 | + | + | + | B60 | | | 88 | +10 | + | + | + | BW4 | | |
| Stamm, Luz | 6 | 85 | + | + | + | + | +W4 | + | | 80 | + | + | + | + | | 80 | + | +53 | + | + | + | + | B60 | | | 80 | + | + | + | + | + | |
| Stavropoulos | 2 | 99 | + | + | + | + | +W4 | + | | 99 | + | + | + | + | | 99 | + | +2851 | + | + | + | + | | | 99 | + | + | + | + | + | | |
| Tagliere, Jac | 2 | 99 | + | +15 | + | +W4 | | | | 99 | + | + | + | + | | 99 | + | +51 | + | + | + | | | | 99 | + | + | + | + | + | | |

INTERNATIONAL CELL EXCHANGE

| | ***** CELL NO.1413 ***** | | | | | | | ***** CELL NO.1414 ***** | | | | ***** CELL NO.1415 ***** | | | | | | | ***** CELL NO.1416 ***** | | | | | | | | | | | | | | | |
|--------------|--------------------------|---|---|---|---|---|---|--------------------------|--------|---|---|--------------------------|---|---|---|---|--------|---|--------------------------|---|---|---|---|---|---|--------|---|---|---|---|---|---|---|---|
| | V | | | | | | | V | | | | V | | | | | | | V | | | | | | | | | | | | | | | |
| | I | | | | | | | I | | | | I | | | | | | | I | | | | | | | | | | | | | | | |
| INVESTIGATOR | (ASIA) | | | | | | | (HISP) | | | | (HISP) | | | | | | | (FILP) | | | | | | | | | | | | | | | |
| | A | A | A | B | B | C | C | B | A | A | A | B | C | C | B | A | A | 5 | B | C | C | B | B | A | A | A | B | B | C | C | B | | | |
| DAYS | B | 2 | 3 | 7 | 6 | W | 4 | W | B | 2 | 3 | 3 | W | W | W | B | 2 | 6 | 1 | 6 | W | W | W | W | B | 2 | 2 | 3 | 6 | W | W | W | | |
| NAME | OLD | % | 1 | 6 | 1 | 3 | 0 | 6 | OTHERS | % | 4 | 1 | 5 | 1 | 4 | 6 | OTHERS | % | 8 | 0 | 1 | 3 | 8 | 4 | 6 | OTHERS | % | 4 | 6 | 5 | 0 | 3 | 4 | 6 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|----|----|---|-----|---|---|----|---|---|---|---|-----|-------|-------|---|---|-----|---|---|-----|---|
| Tilanus, Marc | 7 | 90 | + | + | + | + | + | 90 | + | + | + | + | 90 | +2851 | + | + | + | 90 | + | + | + | + |
| Varnavidou-N | 6 | 98 | 03 | + | +40 | | + | 98 | + | + | + | + | 98 | + | +51 | + | + | 98 | + | + | +40 | + |
| Vidan-Jeras, | 6 | 80 | + | + | + | + | + | 90 | + | + | + | + | 100 | + | +51 | + | + | 100 | + | + | + | + |
| Walter Reed | 8 | 96 | + | + | | + | + | 96 | + | + | + | + | 95 | + | +5140 | + | + | 96 | + | + | + | + |
| Wisecarver, J | 7 | 98 | + | + | + | + | + | 98 | + | + | + | + | 98 | +2851 | + | + | + | 98 | + | + | + | + |

 * *
 * SUMMARY TABLE *
 * *

(ASIA)
 **** CELL 1413 ****
 (54 SAMPLES TYPED)
 A2 92.6%
 A203 7.4%
 (100.0%)

 A31 94.4%
 A19 1.9%
 (96.3%)

 B76 83.3%
 B15 11.1%
 (94.4%)

 B61 81.5%
 B40 11.1%
 (92.6%)

 CW3 48.1%
 CW10 11.1%
 (59.3%)

 C403 3.7%
 CW4 16.7%
 CW6 11.1%
 C4X6 3.7%
 (35.2%)

 BW6 81.5%

(OTHERS FOUND)
 B60 5.6%
 A33 1.9%
 BW4 1.9%
 B70 1.9%
 B45 1.9%
 A30 1.9%
 B40V 1.9%
 B75 1.9%
 B62 1.9%

(HISP)
 **** CELL 1414 ****
 (53 SAMPLES TYPED)
 A24 100.0%
 (100.0%)

 A31 98.1%
 (98.1%)

 B35 98.1%

 CW1 62.3%

 CW4 60.4%

 BW6 81.1%

(OTHERS FOUND)
 B70 17.0%
 BW4 3.8%
 B63 3.8%
 B78 3.8%
 B15 3.8%
 B71 1.9%
 B50 1.9%
 B5 1.9%
 A33 1.9%
 B72 1.9%
 B75 1.9%
 B39 1.9%
 B18 1.9%

(HISP)
 **** CELL 1415 ****
 (53 SAMPLES TYPED)
 A2 100.0%
 (100.0%)

 A68 75.5%
 A28 24.5%
 (100.0%)

 5102 24.5%
 B5 1.9%
 B51 66.0%
 B53 5.7%
 (98.1%)

 B61 66.0%
 B40 18.9%
 (84.9%)

 CW3 50.9%
 CW10 11.3%
 (62.3%)

 CW8 41.5%

 BW4 79.2%

 BW6 81.1%

(OTHERS FOUND)
 B60 13.2%
 B61V 1.9%
 B72 1.9%
 B53 1.9%
 CW7 1.9%
 B35 1.9%

(FILP)
 **** CELL 1416 ****
 (53 SAMPLES TYPED)
 A24 98.1%
 (98.1%)

 A26 96.2%
 A10 1.9%
 (98.1%)

 B35 100.0%

 B60 96.2%
 B40 3.8%
 (100.0%)

 CW3 50.9%
 CW10 11.3%
 (62.3%)

 CW4 62.3%

 BW6 81.1%

(OTHERS FOUND)
 BW4 3.8%
 A80 1.9%
 A34 1.9%