

# REPORT OF THE 362nd CELL EXCHANGE

## FEBRUARY 1, 2012

B-cell	463-466
Serum	1073-1080
DNA Extract	533-536
Cells	1445-1448

We wish to welcome you to our International Cell Exchange in 2012! We look forward to collaborating with you in studying the interesting samples that we will be sending this year.

We also wish to acknowledge and thank all the laboratories that participated in 2011. In the February sendout package, you will find your certificate that documents your participation last year.

### B-cell Exchange

We wish to express our gratitude to **B. Paul Wordsworth, University of Oxford; Jean-Marie Tiercy, University Hospital of Geneva; and Helen Bass, Jane Rowlands, and Tracy Rees, Welsh Blood Service, Pontyclun**, for providing challenging cells to type in our exchanges. Their generosity provided participating laboratories the invaluable opportunity to study cells with rare DRB1\*04 and DRB1\*11 alleles.

**TER-463.** This Caucasian cell was GE47192, the reference cell for DRB1\*04:31, as described by Bettens et al. (1). It was previously typed as TER-287 (2001) and TER-354 (2004), as correctly identified by Fort, Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy. DRB1\*04:31 differs from DRB1\*04:08 in codon 74, (GCG->CTG), causing an amino acid change, Ala->Leu, interestingly, a common substitution present in the majority of DR8 alleles.

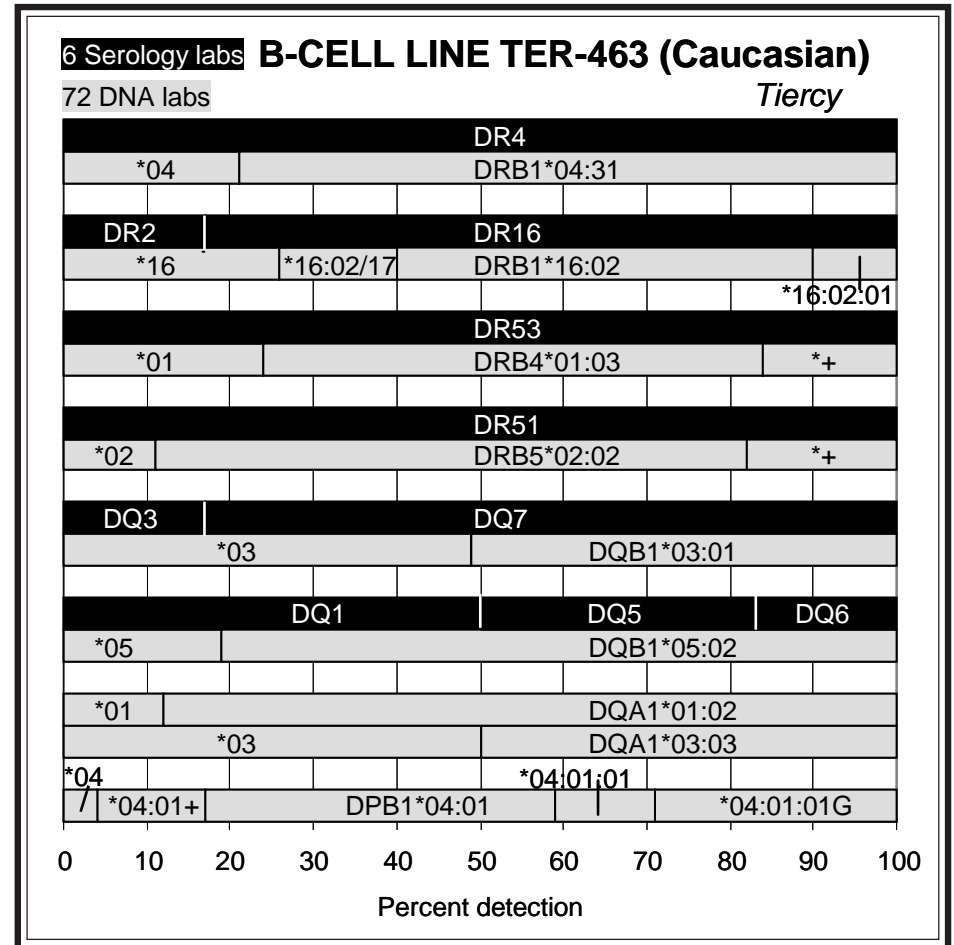
DRB1\*04:31 was detected by 79% in this present retyping.

Sixty percent of the labs assigned DRB1\*16:02 as the second DRB1 allele.

DPA1\*01:03 was reported by Charron, Eckels, Jaatinen, Kamoun, J-H Lee, and Lopez-Cepero.

The majority of the labs reported DPB1\*04:01, with 29% assigning DPB1\*04:01:01G.

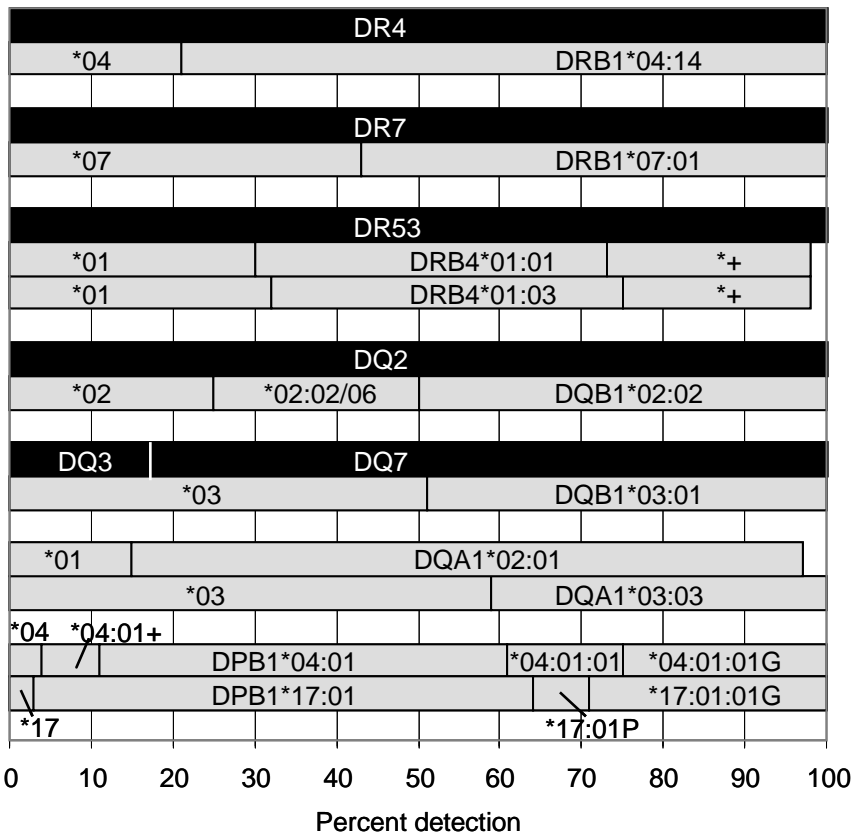
The probable haplotypes in this cell were DRB1\*04:31-DRB4\*01:03-DQB1\*03:01-DQA1\*03:03 and DRB1\*16:02-DRB5\*02:02-DQB1\*05:02-DQA1\*01:02.



6 Serology labs **B-CELL LINE TER-464 (Caucasian)**

72 DNA labs

Wordsworth



**TER-464.** This cell from a Caucasian donor was VK, a reference cell for DRB1\*04:14 cell, as correctly identified by Tiercy. Pile et al. (2) described the sequence of this rare DRB1\*04 allele as being most similar to DRB1\*04:02, except at codon 86 (GTG->GGT), resulting in an amino acid change from valine to glycine. This cell was previously typed as TER-353 in 2004, as noted by Charron, Eckels, Jaatinen, Kamoun, J-H Lee, and Lopez-Cepero.

In this present retyping, DRB1\*04:14 was assigned by 79%.

The second DRB1 allele was DRB1\*07:01 (57%).

The likely haplotypes were DRB1\*04:14-DRB4\*01:03-DQB1\*03:01-DQA1\*03:03 and the common DRB1\*07:01-DRB4\*01:01-DQB1\*02:02-DQA1\*02:01 which is found in all populations.

DPA1\*01:03 and DPA1\*02:01 were reported by Charron, Eckels, Jaatinen, Kamoun, J-H Lee, and Lopez-Cepero.

The labs reporting DPB1 alleles were in agreement for DPB1\*04:01 and DPB1\*17:01.

**TER-465.** This cell was FH72, typed in the workshops as IHW#9461.

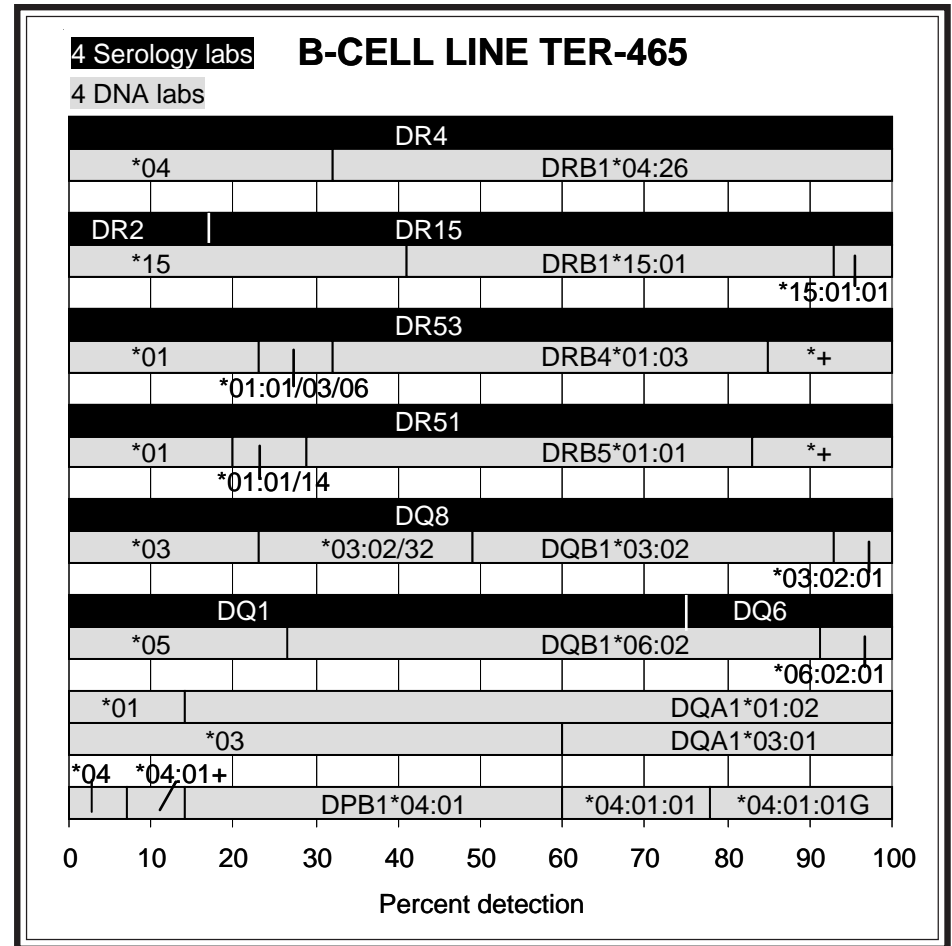
DRB1\*04:26 was detected by 68%. DRB1\*04:26 was typed in previous donors, TER-366, (also typed as TER-259) and TER-423 (also typed as TER-271), both from Caucasian individuals.

DRB1\*04:26-DRB4\*01:03-DQB1\*03:02-DQA1\*03:01 and DRB1\*15:01-DRB5\*01:01-DQB1\*06:02-DQA1\*01:02 (found in all populations), were the probable associations.

DPA1\*01:03 was reported by 6 labs (Charron, Eckels, Jaatinen, Kamoun, J-H Lee, Lopez-Cepero).

DPB1\*04:01 (\*04:01:01) was typed in consensus.

This cell was also typed for class I as extract 515 last year, with the high-resolution typing as A\*01:01, A\*68:02, B\*44:02, B\*44:05, C\*01:02, C\*02:02. B\*44:05 is found in strong association with C\*02:02, especially C\*02:02:02. Previous B\*44:05 exchange cells (extracts 326, 378, 490) were also typed as C\*02:02. The more unusual B\*44:05-C\*12:03 was detected in cell 1441 from a Caucasian donor last year. The other association, B\*44:02-C\*01:02, found in this present cell, is not as commonly found as the strongly associated B\*44:02-C\*05:01, found in all ethnic populations.



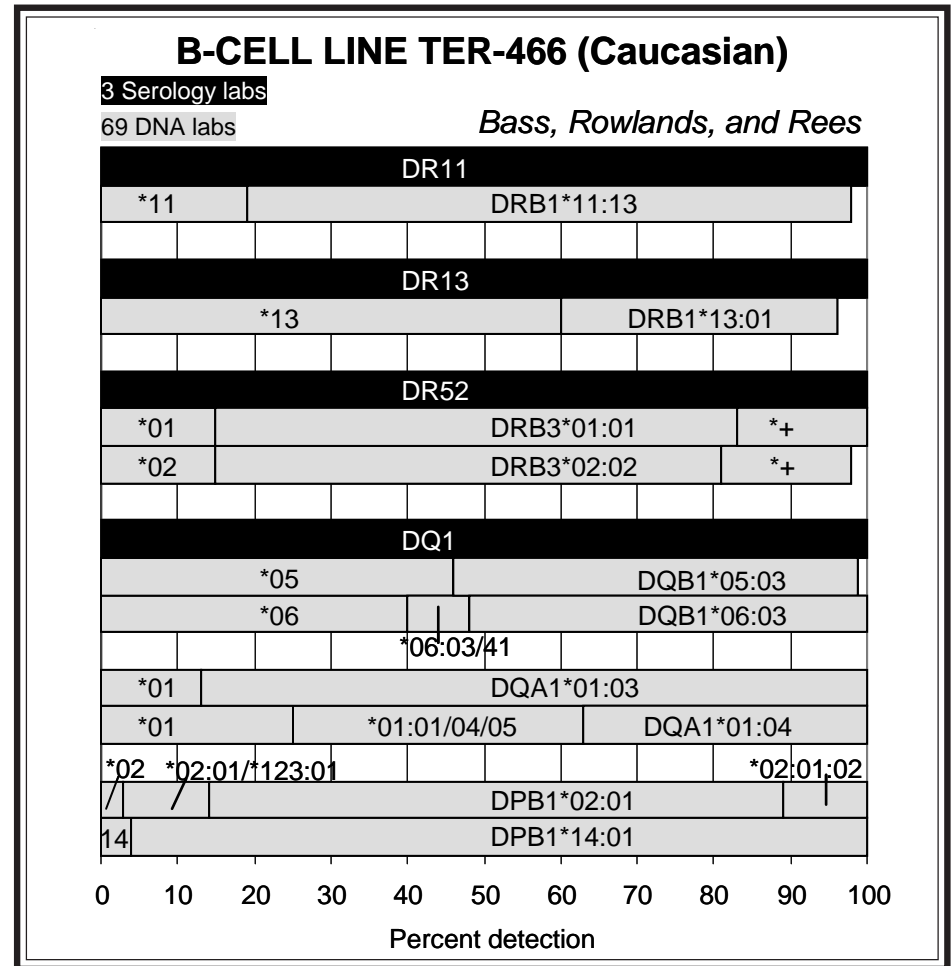
**TER-466.** This Caucasian cell with the unusual DRB1\*11:13 was previously typed as TER-363 in 2005, as correctly identified by Clark, Hahn, Lopez-Cepero, Mah, and Stamm. The allele was described by a number of investigators (3-6) as a DR11-DR14 hybrid, with regions of the sequence similar to those of both families of alleles. DRB1\*11:13 was also typed in another cell, TER-436 (2010), also typed as TER-327.

In this present retyping, DRB1\*11:13 was assigned by 79%.

The likely haplotypes in this cell were the commonly found DRB1\*13:01-DRB3\*01:01-DQB1\*06:03-DQA1\*01:03 and DRB1\*11:13-DRB3\*02:02-DQB1\*05:03-DQA1\*01:04.

DPA1\*01:03 and DPA1\*02:01 were assigned by Charron, Eckels, Jaatinen, Kamoun, J-H Lee, and Lopez-Cepero.

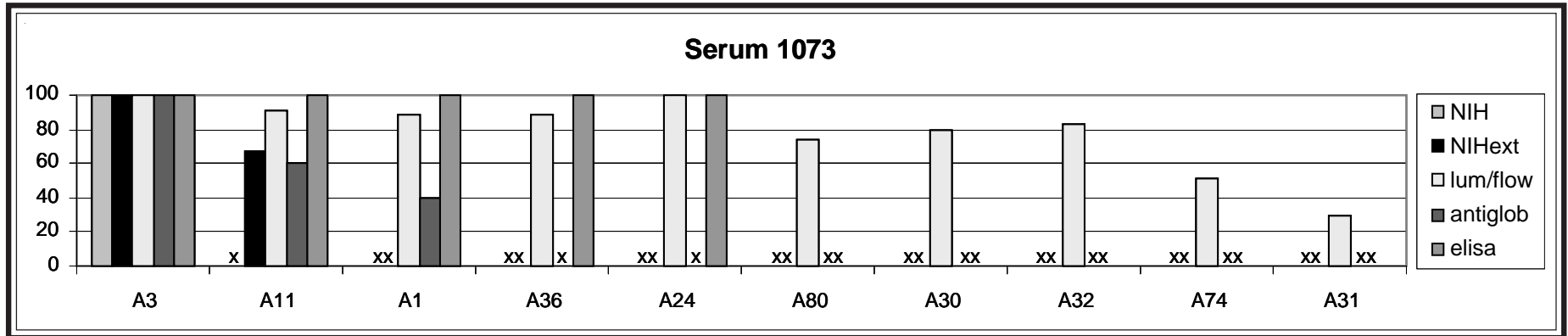
DPB1\*02:01 and DPB1\*14:01 were the DPB1 types. Eleven percent of the labs did not resolve DPB1\*02:01 from DPB1\*123:01.



## Serum Exchange

One antibody study examined 4 serum samples (**sera 1073-1076**) strongly positive to A3. The second antibody study (**sera 1077-1080**) consisted of 2

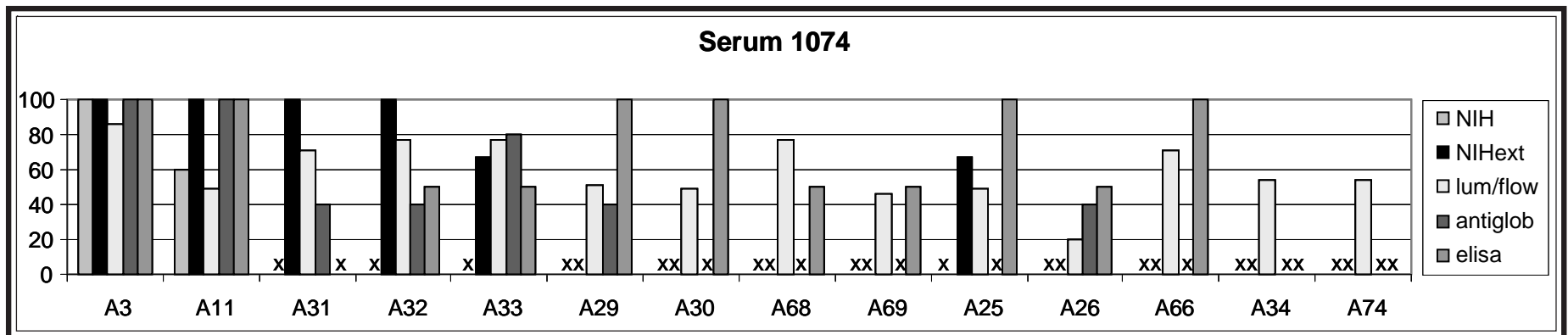
samples strongly reactive to B8, another sample positive to B14, and the fourth sample was determined to be strongly positive to B38.

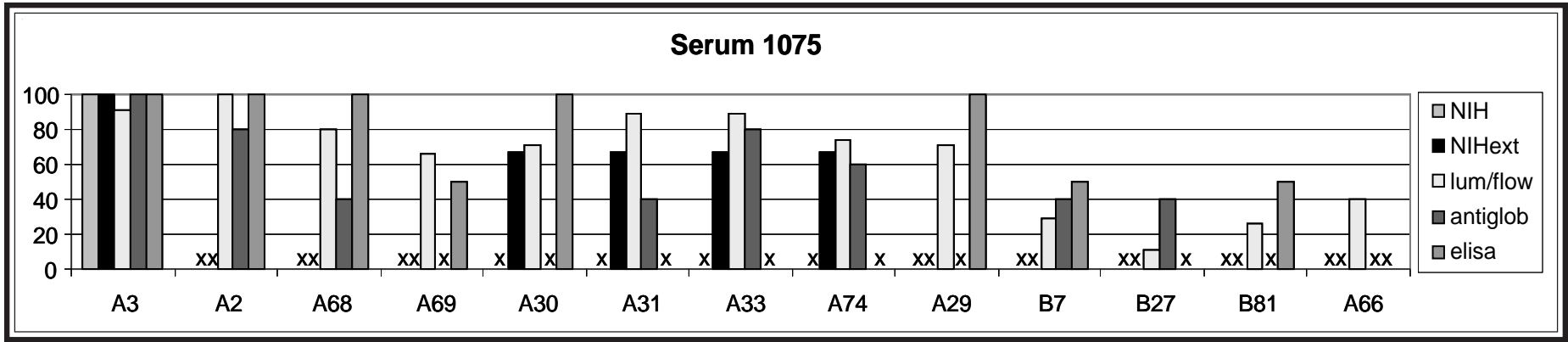


**Sera 1073-1076** were strongly positive to A3 by all methods. Labs also determined sera 1073 and 1076 to be reactive to A11 by all methods except standard NIH, whereas serum 1074 was strongly positive to A11 by all methods. For **serum 1073**, additional reactivity to A1, A36, and A24 was reported

by labs using the more sensitive techniques. Luminex and flow also detected anti-A80 and -A19 reactivity.

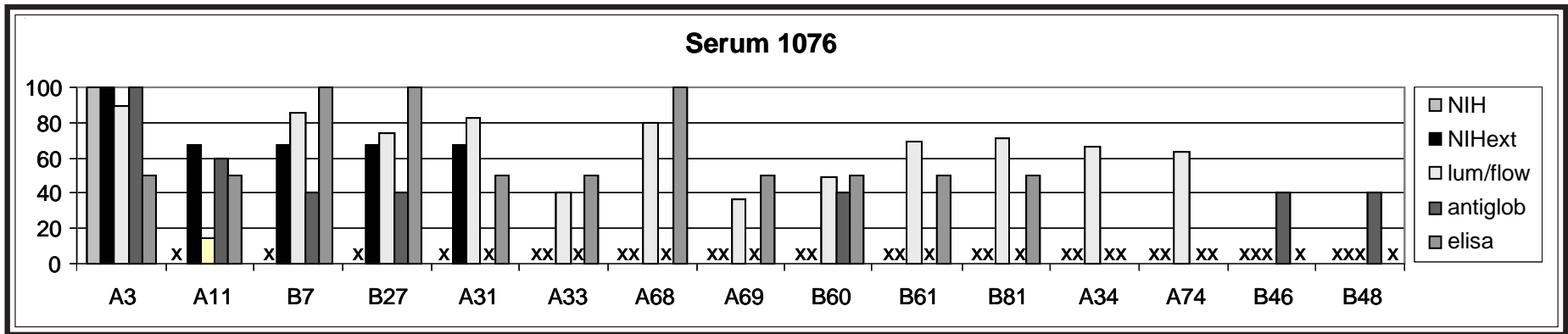
For **serum 1074**, additional reactivity to A10, A19, and A28 specificities was reported.





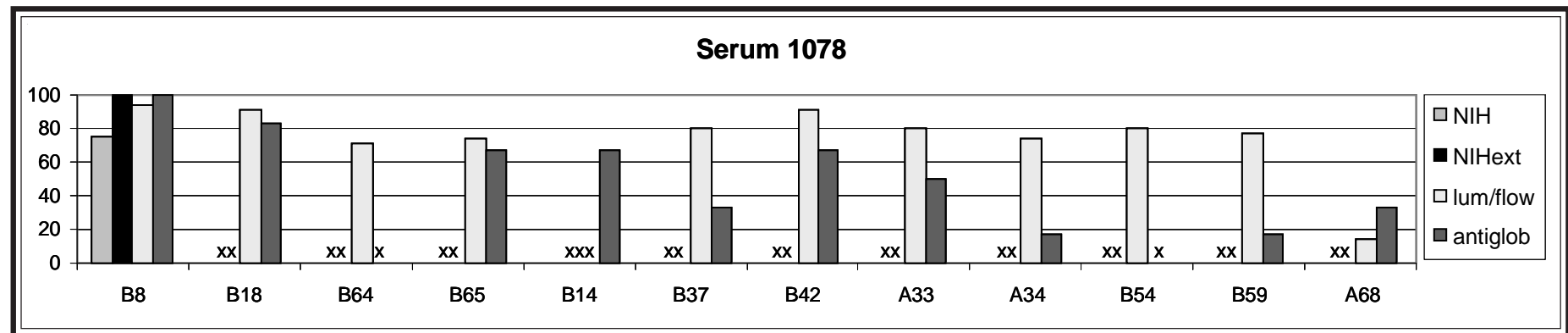
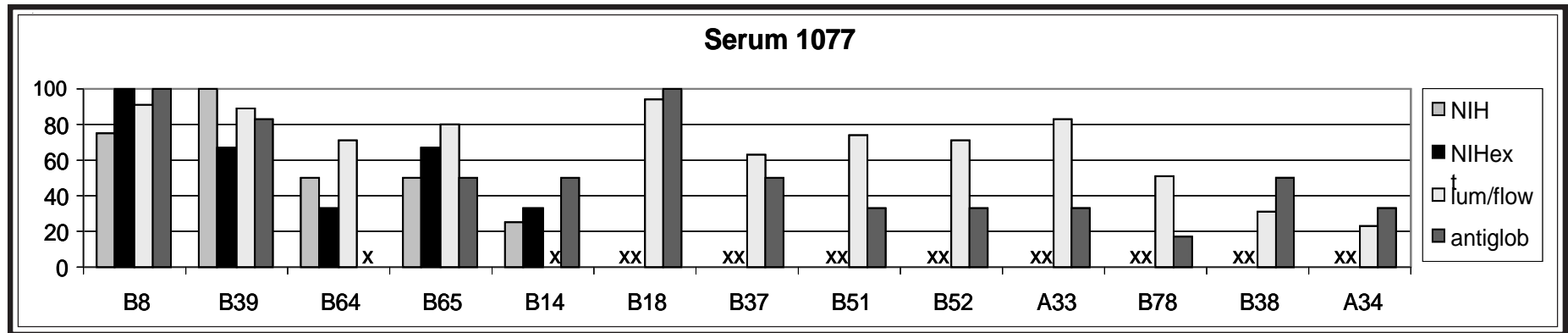
**Serum 1075** was also positive to A2, A28, and A19 specificities. Weaker reactivity to 7CREG specificities was also detected.

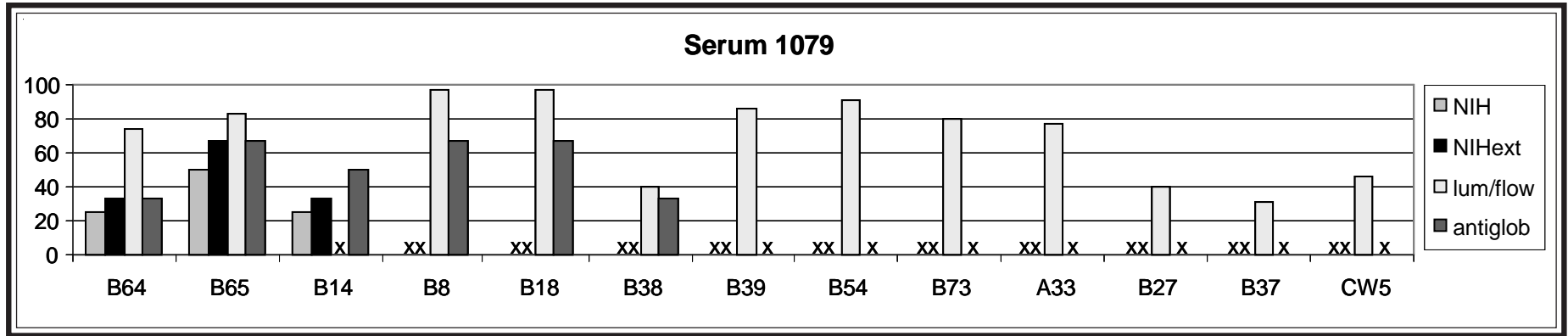
**Serum 1076** was strongly reactive to B7 and B27, except by standard NIH. Varied reactivity was also reported for A28, A19, B40, and B48.



In the second antibody study, **sera 1077** and **1078** were determined to be strongly positive to B8 by all methods. **Serum 1077** was additionally positive to B39 and B14 by all methods. Luminex, flow, and antiglobulin labs reported anti-B18, -B37, -B38, -B51, -B52, and -B78 reactivity. Luminex and flow also

detected strongly reactivity to A33. **Serum 1078** was determined to have additional reactivity to B14, B18, B37, B42, and A33 by labs using Luminex, flow, and antiglobulin methods. Luminex and flow also detected strong anti-B54 and -B59 reactivity.



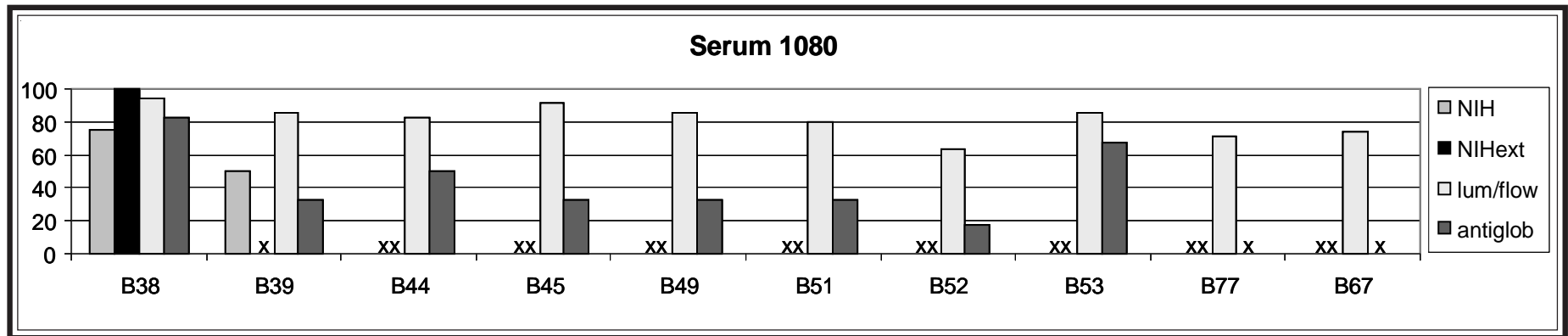


**Serum 1079** was positive to B14 (B64, B65) by all methods. Luminex, flow, and antiglobulin reported strong reactivity to B8 and B18. Luminex and flow also detected strong reactions to B39, B54, B73, and A33. Varied weaker reactivity was reported for B27, B37, B38, and Cw5.

**Serum 1080** was determined to be strongly positive to B38 by all methods. Anti-B39 reactivity was reported by all methods, with the exception of extended

NIH. Anti-B12 (B44, B45), -B49, -B5 (B51, B52), and -B53 reactions were reported by Luminex, flow, and antiglobulin. Luminex and flow labs also detected B67 and B77.

The ELISA results were not included in the graphs and description for sera 1077-1080 since results were reported by only one lab.

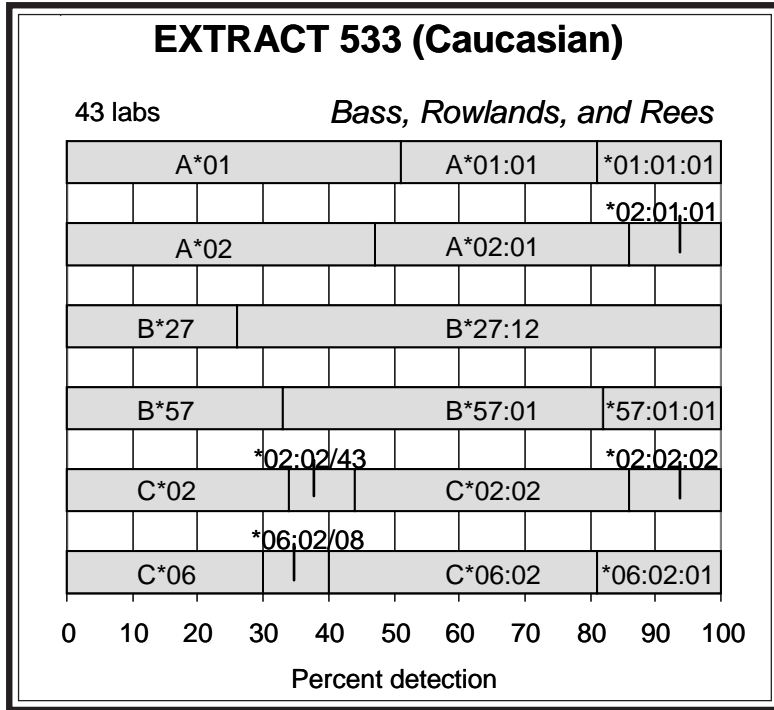




## Extract Exchange

We wish to acknowledge **Helen Bass, Jane Rowlands, and Tracy Rees, Welsh Blood Service, Pontyclun**, for their generosity in sharing unusual cells to study in our exchanges.

We congratulate Stamm for correctly identifying extracts 534, 535, and 536 as being previously typed in the Cell Exchange.



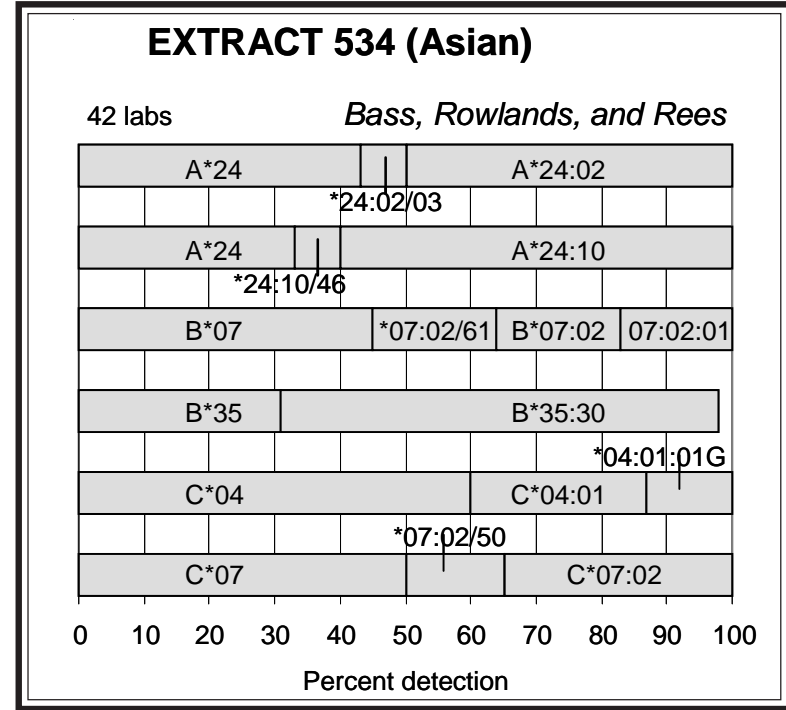
**Extract 533.** This Caucasian cell was well typed as A\*01:01, A\*02:01, B\*27:12, B\*57:01, C\*02:02, C\*06:02.

B\*27:12 was typed by 74%.

The other B-locus allele, B\*57:01, was detected by 67%.

One association was likely B\*57:01-C\*06:02, found in strong linkage disequilibrium in all populations. The other association was B\*27:12-C\*02:02, as found in 38256, a reference B\*27:12 cell that was typed as extract 346 in 2006. Another previously typed B\*27:12 cell, extract 424 (also typed as extract 293), also had the same association. The third B\*27:12 cell, extract 503, was determined to have B\*27:12 in association with C\*12:03.

**Extract 534.** This cell from an Asian donor was 39726, also known as TER349, a C\*04:01:01:01 reference cell. It was previously typed as extract 349 (2006).

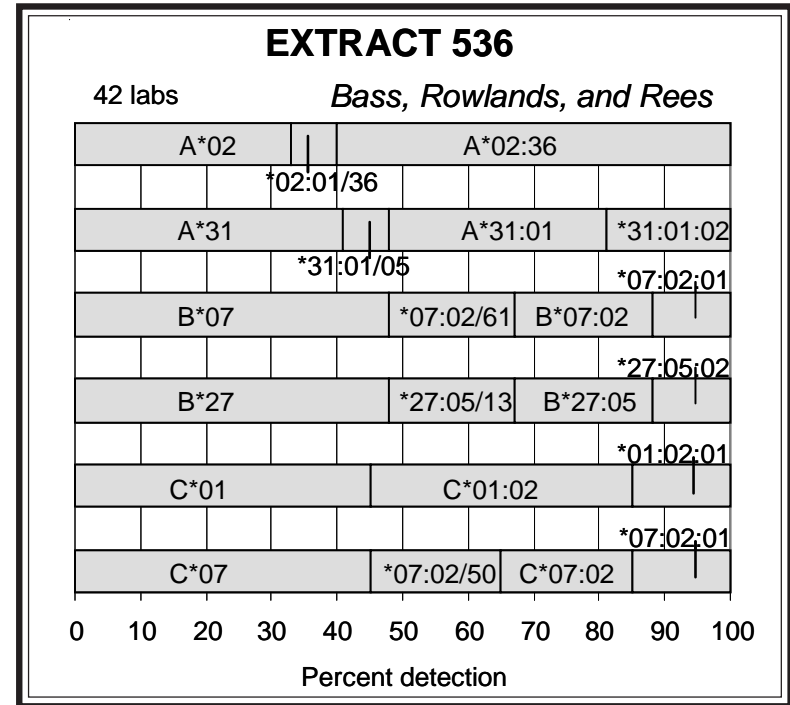
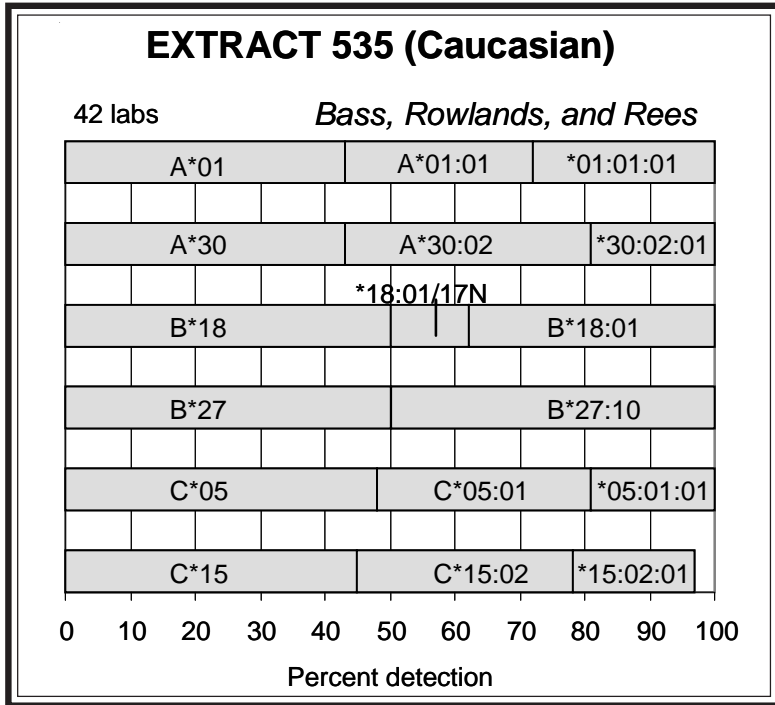


C\*04:01 was reported by 40% in this retyping.

The other C-locus allele was C\*07:02 (37%).

A\*24:10 (60%) was one of the two A\*24 alleles present in this cell. Bugawan et al. (7) originally described this A\*24 allele in Indonesian and Malay populations. The sequences between A\*24:03 and A\*24:10 differs only by 2 substitutions at codon 163 (ACG->CGG), resulting in an amino acid change of Thr->Arg. The reactivity of the encoded antigen is similar to that of A2403. The NMDP Bioinformatics web site indicates that this allele is found predominantly in Asians, with a frequency of 0.00254. A\*24:10 was also typed in another cell, extract 359 (2006).

The other A\*24 allele was the common A\*24:02 (50%). Holdsworth commented that Luminex SSO was performed to resolve A\*24:02:01G, A\*24:10 from A\*24:03:01G, A\*24:46.



One of the B-locus alleles was the rare B\*35:30, as detected by 67%. Steiner et al. (8) described the sequence most similar to B\*35:17, with one substitution in codon 103, GTG->CTG, and noted that the unique motif in codons 96-105 was found only in B\*35:05.

The other B-locus type was B\*07:02 (36%).

**Extract 535.** This cell with the rare B\*27:10 was previously typed as extract 345 in 2006. Since the 2006 typing, we were informed that this donor was Caucasian. This cell remains the sole B\*27:10 typed in the Cell Exchange.

B\*27:10 was detected by 50% in this present retyping.

The other B-locus high-resolution type was B\*18:01 (38%).

The A-locus alleles were A\*01:01 (50%) and A\*30:02 (57%).

The C-locus alleles were well typed as C\*05:01 (52%) and C\*15:02 (50%).

**Extract 536.** This donor with the rare A\*02:36 was previously typed as extracts 269 (2003) and 307 (2004).

In this present retyping, the detection level for A\*02:36 was 60%, a marked increase over the 2004 level of 39%.

The other A-locus high-resolution type was A\*31:01 (52%), with 19% assigning A\*31:01:02.

This cell was overall well typed as A\*02:36, A\*31:01, B\*07:02, B\*27:05, C\*01:02, C\*07:02.

## Cell Exchange

This month's Cell Exchange study featured a family study of two siblings (cells 1445 and 1447) that shared the B40 variant encoded by B\*40:08. Both siblings were previously typed last year, but in separate monthly studies.

Other specificities of interest typed in this study included B\*39:24, B\*44:27, and C\*17:03.

**Cell 1445.** This Hispanic donor was previously typed last year as cell 1428, as correctly noted by Claas, Dunn, Mah, McCluskey, Pancoska, Rees, and Semana. Serologic results indicated inconsistent reactivity with anti-B40 and -B48 sera, characteristic of B4008. A number of labs (Askar, Claas, Dunk, Dunn, Hirankarn, Kondo, Lardy, Mah, McCluskey, Pancoska, Pollack, Rees, Semana, Tilanus, Wisecarver) detected this B40 variant in both this cell and cell 1447.

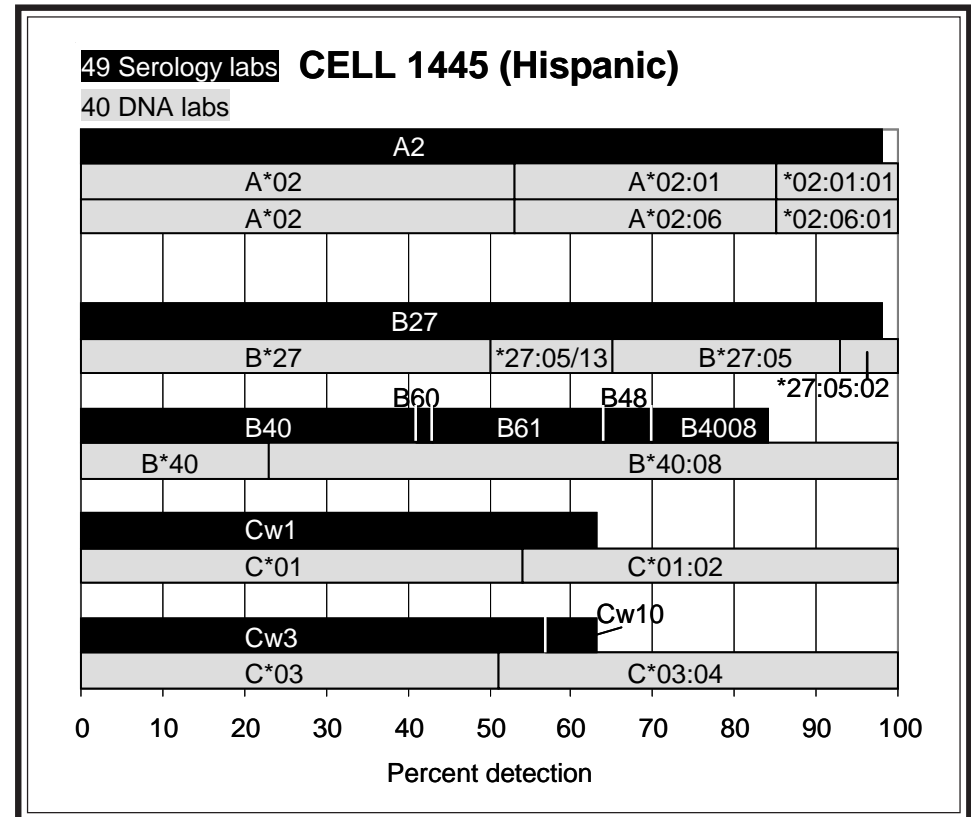
In this present retyping, B40 (41%), B61 (20%), B4008 (14%), B48 (6%), and B60 (2%) were reported for this B40 variant, confirmed as B\*40:08 (77%). Tilanus commented, "With serology, 15 of the 16 sera for B40 and 5 sera for B60 were all negative. It was already previously noticed that the B\*40:08 allele was often typed as blank..., "referring to the serologic assignments for B\*40:08 listed in the 2008 dictionary (9).

A2 (98%) was verified as A\*02:01 and A\*02:06 (\*02:06:01) by 47%.

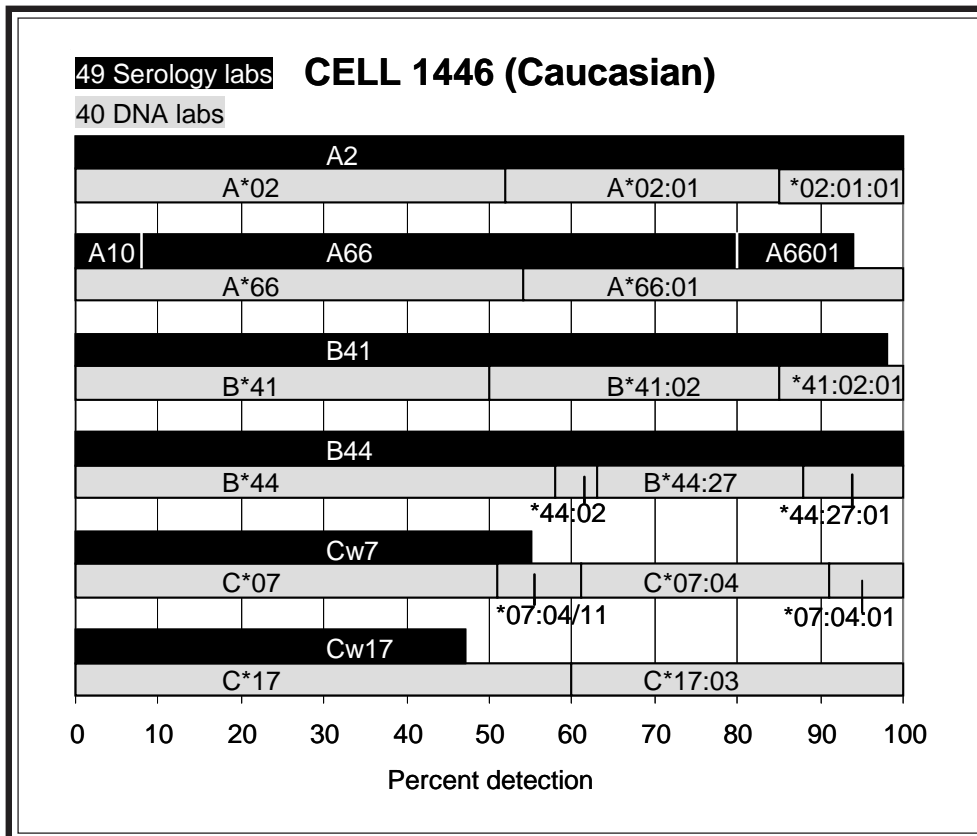
The second B-locus antigen was B27 (98%), validated as B\*27:05 (35%).

Cw1 and Cw3 were reported by 63%, corroborated as C\*01:02 (46%) and C\*03:04 (49%), respectively.

Since the siblings share the A\*02:01/06-B\*40:08-C\*03:04 haplotype, the other haplotype in this cell would be A\*02:01/06-B\*27:05-C\*01:02.



**Cell 1446.** This interesting Caucasian donor was previously typed as cell 1351 in 2008, as correctly identified by Askar, Claas, Lopez-Cepero, Mah, McCluskey, Pancoska, Rees, and Stamm.



B44 was assigned in complete consensus and corroborated as B\*44:27 (37%). B\*44:02 and B\*44:27 differ by only one difference in exon 4, at codon 199 (GTC->GCC), resulting in an amino acid change (Val->Ala). The following table demonstrates the improved typing standardization for B\*44:27 in this donor:

	cell 1351 2008 43 labs	cell 1445 2011 40 labs
B*44	65%	58%
<b>B*44:27</b>	<b>26%</b>	<b>37%</b>
<i>misassignment</i>		
B*44:02	9%	5%

Another B\*44:27 cell typed in the Cell Exchange was FH48, a reference cell for B\*44:27. It was typed as extract 449 (also typed as extracts 222 and 299) in 2009.

B41 (98%) was confirmed as B\*41:02 (50%).

A66 was assigned by 85%, with A6601 reported by 14%. A\*66:01 was detected by 46%.

Cw7 was reported by 55%, confirmed as C\*07:04 (39%). Its presence may hinder the differentiation for Cw17 since antisera positive to Cw17 are often found to be additionally reactive to Cw7. It should be noted that the detection level of Cw17 improved to 47% over the 28% level in the 2008. C\*17:03 was reported by 40%.

The likely haplotypes in this cell were A\*02:01-B\*44:27-C\*07:04 and A\*66:01-B\*41:02-C\*17:03.

**Cell 1447.** This sibling of cell 1445 was previously typed last year as cell 1421, as correctly identified by Claas, Dunn, Mah, McCluskey, Pancoska, Rees, and Semana.

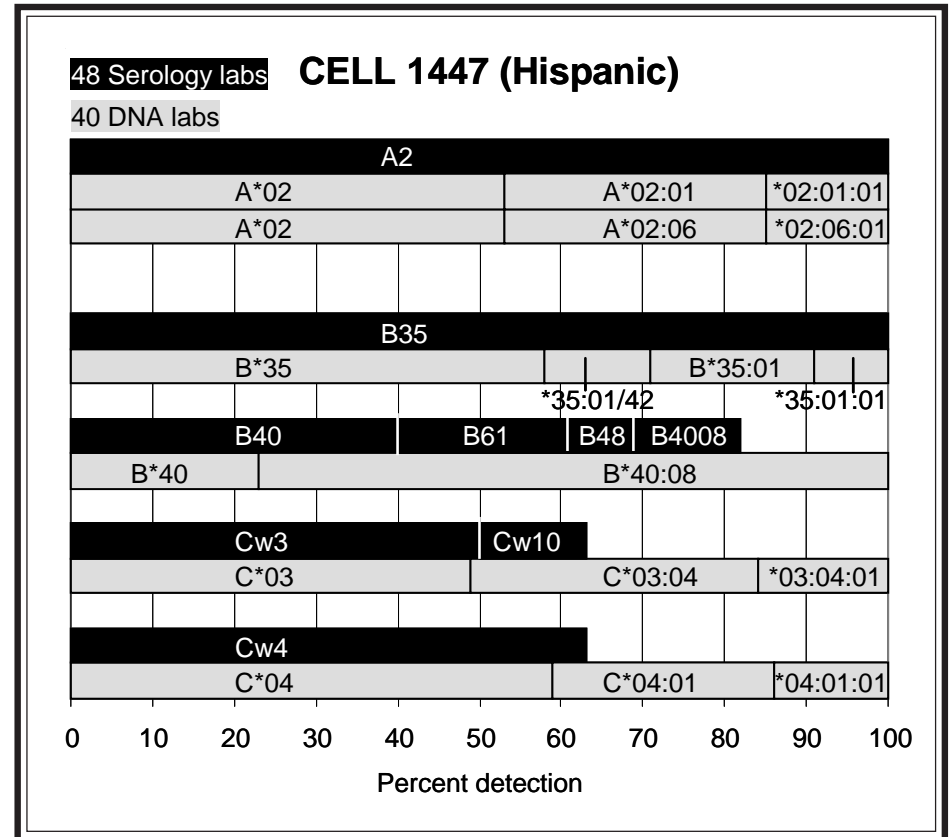
Similar assignment levels of B40 (40%), B61 (21%), B4008 (13%), and B48 (6%) were reported for the B40 antigen encoded by B\*40:08 as the detection rates determined for the sibling's B40 variant. Keown, Pollack, Rubocki, and Semana noted short anti-B40 or -B48 reactivity. B\*40:08 was detected by 77%.

B35 (100%) was corroborated as B\*35:01 (29%).

A2 (100%) was defined as A\*02:01 and A\*02:06 by 47%.

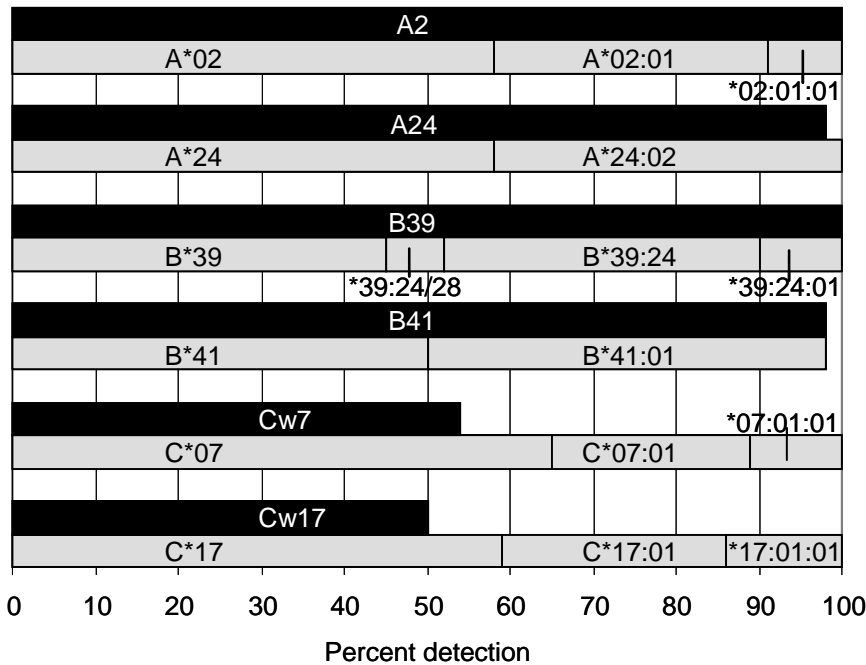
Cw3 (63%), with 13% assigning Cw10, and Cw4 (63%) were established as C\*03:04 (48%) and C\*04:01 (41%), respectively.

The siblings share the A\*02:01-B\*40:08-C\*03:04 haplotype. Pancoska noted, "The B61V is a variant of B40 which (is) observed in Hispanic population, (and has) linkage disequilibrium with A2 and Cw3." The other haplotype in this donor was A\*02:01/06-B\*35:01-C\*04:01.



**48 Serology labs CELL 1448 (Hispanic/Caucasian)**

40 DNA labs



**Cell 1448.** This donor of mixed Caucasian and Hispanic background was previously typed as cells 1373 (2009) and 1402 (2010), as correctly noted by Dunn, Lopez-Cepero, Mah, McCluskey, Pancoska, Rees, and Stamm.

In this present retyping, B39 (100%) was assigned in complete consensus, confirmed as B\*39:24 by 48%. B\*39:24 was also typed in cell 1379 (2009) (also typed as cell 1336 and extract 524) from a Caucasian donor.

B41 (98%), verified as B\*4101 (48%), was the second B-locus antigen.

Cw7 (54%) and Cw17 (50%) were confirmed as C\*07:01 (35%) and C\*17:01 (41%), respectively.

A\*02:01-B\*39:24-C\*07:01 and A\*24:02-B\*41:01-C\*17:01 were the probable haplotypes, with HF=0.00025 and HF=0.00015, respectively, in Caucasians.

## References

1. Bettens F, Kervaire B, and Tiercy, J-M. Sequence of HLA-DRB1\*0431 allele. *Tissue Antigens* 1999;53:378.
2. Pile KD, Willcox N, Bell JI, and Wordworth BP. A novel HLA-DR4 allele (DRB1\*0414) in a patient with myasthenia gravis. *Tissue Antigens* 1992;40:264.
3. Rosenberg SM, Wollenzien TF, Johnson MM, et al. A description of a new DR allele, DRB1\*1113. *Tissue Antigens* 1995;45:125.
4. Anholts JD, Verduyn W, Parlevliet et al. Irregular polymerase chain reaction-sequence-specific oligonucleotide hybridization patterns reveal seven new HLA-DRB1 alleles related to DR2, DR3, DR6, DR8, and DR11. Implications for sequence-specific priming. *Hum Immunol* 1995;42:15.
5. Hashemi S, Couture C, Buyse I, et al. Sequence analysis of three novel DR alleles: DRB1\*1113, DRB1\*1114 and DRB1\*12032. *Tissue Antigens* 1996;47:155.
6. Smith AG, Nelson JL, Regen L, et al. Six new DR52-associated alleles, three of DR8, two of DR11, and one of DR6, reflect a variety of mechanisms which generate polymorphism in the MHC. *Tissue Antigens* 1996;48:118.
7. Bugawan TL, Mack SJ, Stoneking M, et al. HLA class I allele distributions in six Pacific/Asian populations: evidence of selection at the HLA-A locus. *Tissue Antigens* 1999;53:311.
8. Steiner NK, Kosman C, Jones PF, et al. Twenty-nine new HLA-B alleles associated with antigens in the 5C CREG. *Tissue Antigens* 2001;57:481.
9. Holdsworth R, Hurley CK, Marsh SGE, et al. The HLA dictionary 2008: a summary of HLA-A, -B, -C, -DRB1/3/4/5, and -DQB1 alleles and their association with serologically defined HLA-A, -B, -C, -DR and -DQ antigens. *Tissue Antigens* 2009;73:95.

***NEXT MAILING DATE: March 7, 2012***

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

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Daniel PhD,Claude	Laval PQ	KuKuruga PhD,Debra	Baltimore MD	Scornik,Dr Juan C.	Gainesville FL
Daniel,Dr Dolly	Tamil Nadu	Kusnierczyk PhD,Piot	Wroclaw	Semana MD PhD,Gilber	Rennes
Danilovs PhD,John	Phoenix AZ	Kvam,Vonnett	Waukesha WI	Senitzer PhD,David	Duarte CA
del Pozo,Dr Ana	Buenos Aires	Kwok,Dr Janette		Shai,Isaac	Medunsa
Dhaliwal,J.S.	Kuala Lumpur	Kwon MD,So Yong	Seoul	Shanmugam,Dr Hemalat	Kuala Lumpur
Dinauer,David	Brown Deer WI	Lacelle,Dr Chantale	Dallas TX	Stamm,Luz	Calgary AB
Du PhD,Keming	Shanghai	Land,Dr Geoffrey A.	Houston TX	Stavropoulos,Maria	New Haven CT
Dunk,Arthur	Lauderhill FL	Lardy,Dr N.M.	Amsterdam	Suciu-Foca PhD,Nicol	New York NY
Dunn,Dr Paul	Auckland	Lee PhD,Kyung Wha	Anyang,Kyungki	Sutton,Maggie	Oxford England
Eckels/CPMC,	San Francisco CA	Lee,Dr Jar-How	Canoga Park CA	Tambur,Anat	Chicago IL
Eckels/Utah,	Salt Lake City UT	Lim MD,Young Ae	Suwon	Tavoularis,Dr Sofia	Ottawa ON
Elkhalifa MD PhD,Moh	Riyadh	Linke,Robert	Stamford CT	Thoni MD,Deborah	Orlando FL
Ellis PhD,Thomas	Milwaukee WI	Lo MD,Raymundo W.	Quezon City	Tiercy,Dr Jean-Marie	Geneva 14
Enczmann,Dr J.	Dusseldorf	Loewenthal MD PhD,Ro	Tel-Hashomer	Tilanus,Prof Marcel	Maastricht
Endres,Dr Robert O.	Tempe AZ	Loftus,Kimberly	Providence RI	Trachtenberg PhD,Eli	Oakland CA
Esteves Kondo,Debra	Canoga Park CA	Lopez-Cepero PhD,May	Tampa FL	Trowsdale,Prof John	Cambridge
Esteves-Kondo,Debra	Canoga Park CA	Maeda,Lisa	Los Angeles CA	Turner PhD,E.V.	Memphis TN
Fagoaga,Dr Omar	Detroit MI	Mah,Helen	Boston MA	Tyan,Dr Dolly	Palo Alto CA
Fernandez-Vina & Can	Houston TX	Maha PhD,George	Burlington NC	Uhrberg,Dr Markus	Dusseldorf
Fort,Dr Marylise	Toulouse Cedex	Mani,Dr Rama	Chennai,Tamil	Varnavidou-Nico,Dr A	Strovolos Nico
Fuessel PhD,Monika	Dresden	Marino,Susana R.	Chicago IL	Vidan-Jeras,Blanka	Ljubljana
Gandhi MD,Manish	Rochester MN	Marsh,Prof Steven	London England	Vilches,Dr Carlos	Madrid
Gardiner PhD,Clair M	Dublin	Masuo,Kiyoe	Tokyo	Walter Reed Natl Med	Bethesda MD
Gautreaux,Dr Michael	Winston-Salem NC	McAlack-Hanau,	Philadelphia PA	Watkins PhD,David I.	Madison WI
Geier,Dr Steven	Philadelphia PA	McCluskey,Prof James	Adelaide, So A	Watson,Narelle	Alexandria NSW
Gideon,Osnat	Haifa	McIntyre PhD,John A.	Beech Grove IN	Wisecarver MD PhD,Ja	Omaha NE



Gideoni_LR,	Haifa		Meyer,Pieter Wa	Pretoria, Gaut	Witt,Campbell	Perth - West A
Gladman/Pellet,Polla	Toronto	ON	Mpuntsha,Dr Loyiso	Johannesburg	Yu,Dr Neng	Dedham MA
Gomez,Carmen	Miami	FL	Muncher,Dr Liora	Rehovot	Yu,Dr Neng	Worcester MA
Gomez,Carmen	Miami	FL	Muncher_LR,	Rehovot	Zachary PhD,Andrea	Baltimore MD
Gottwald & Hess,	Lich		Mytilineos MD,Joanni	Ulm	Zeevi PhD,Adriana	Pittsburgh PA
Graff,Dr Ralph J.	St Louis	MO	Nelson PhD,Karen	Seattle WA		

## B-CELL LINE TER-463

CTR	DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
5488	Adams, Sharon	*04:31	*16:02:01	*01	*02:02	*03:01:01	*05:02:01	*01:02	*03:03	*04:01:01	RSSO, SBT, SSP
8070	Ahn, Jaeie	*04	*16			*03	*05			*04	P-SSP
4691	Ajlan, Abdula	*04:31	*16:02			*03:01/27-29+	*05:02				SSO
5133	Baker, Judy	*04:31	*16:02/17	*01:03	*02:02	*03:01/21/22+	*05:02				SSP
774	Cecka, J. Mich	*04:31	*16:02/07	*01:03	*02:02	*03:01/21/22+	*05:02	*01:02	*03:03		SSP, SSOP
785	Chan, Soh Ha	*0431	*160201	*010301		*0301/13/19+	*050201	*0102	*0301-03		SBT
4492	Charron, D.	*04:31	*16:02/17	*01:03	*02:02	*03:01/35/36	*05:02	*01:02	*03:03	*04:01+	P-SSO, SSP
3224	Chen, Dongfen	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02				SBT, SSP
8021	Clark, Brenda	*04:31	*16:02/17	*01:01+	*01/*02	*03:01	*05:02			*04:01	P-SSP, SSO
3632	Colombe, Beth	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02				SSP
5130	Costeas, Paul	*04:31	*16:02	*01:03	*02:02	*03:01/24	*05:02	*01:02	*03:03		SSP
779	Daniel, Claud	*04	*16		*+	*03(DQ7)	*05				P-SSP
5219	Daniel, Dolly	*04	*16	*+	*+	*03	*05				P-SSOP
8052	Del Pozo, Ana	*0431	*1602/17			*0301	*0502	*0102	*0301-03		P-SSO
5323	Dhaliwal, J.S	*04:31	*16:02/17	*01	*02	*03:01	*05:02/05	*01:02	*03:01-03		P-SSP
5891	Du, Keming	*04:31	*16:02			*03:01	*05:02				P-SBT
5214	Eckels/CPMC	*04:31	*16	*01	*02:02	*03(DQ7)	*05:02	*01:02	*03	*04:01	SSOP
2332	Elkhalifa, Mo	*04:31	*16:02/17			*03:01/27-29+	*05:02				RVSSO, SSP
4251	Ellis, Thomas	*04:31	*16:02	*01:01/03/06	*02:02	*03:01	*05:02	*01	*03	*04:01:01G	P-RVSSO, SBT
3135	Enczmann, J.	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02			*04:01	SBT, SSP, SSO
762	Fischer/Mayr	*04:31	*16:02	*01:03	*02:02	*03:01/09/19+	*05:02	*01:02	*03:03	*04:01	RSSO, SSP, SBT
4079	Fort, Marylis	*04:31	*16:02/17			*03:01/28/29+	*05:02				P-SSP, SSO
792	Gandhi, Manis	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:03		P-SSO, SSP
8043	Gideoni, Osna	*04:31	*16:02			*03:01	*05:02	*01:02	*03:03		SSP
9002	Gideoni_LR	*04	*16			*03	*05				SSP, SSOP
1694	Gottwald&Hes	*04:31	*16:02			*03:01	*05:02				SSP
910	Hahn, Amy B.	*04:31	*16:02/17	*01:03	*02:02	*03:01/21/22+	*05:02				SSP
810	Hamdi, Nuha	*04:31	*16:02			*03:01	*05:02	*01:02	*03:01		SSO
4269	Hanau, Daniel	*04	*16			*03	*05				P-SSP
1461	Hidajat, M.	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02			*04:01	SBT, SSP
2344	Hurley/Hartz	*04:31	*16:02			*03:01:01:01+	*05:02:01+			*04:01:01G	SBT
771	Israel, Shosh	*04:31	*16:02			*03:01	*05:02				SSP
9003	Israel_LR	*04	*16			*03	*05				SSP
794	Jaatinen, Tai	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:01-03	*04:01:01G	SBT, SSO, SSP
859	Kamoun, Malek	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:03	*04:01	SBT, SSO, SSP
797	Kato, Shunich	*04:31	*16:02			*03:01/27/28+	*05:02	*01:02	*03:01-03		SSO, +SBT-DR
4337	Kim, Tai-Gyu	*04:31	*16:02			*03:01/09/19+	*05:02			*04:01:01G	SBT
168	Klein, Tirza	*04:31	*16:02			*03:01	*05:02				P-SSO, SSP
9000	Klein_LR	*04	*16			*03	*05				P-SSO
5096	Kwon, So Yong	*04	*16								SSOP
87	Land, Geoffre	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:03	*04:01	SBT, SSO, SSP
725	Lardy, N.M.	*04	*16	*+	*+	*03	*05	*01	*03		SSO, SSP
278	Lee, Jar-How	*04:31	*16:02/17	*01:03	*02:02	*03:01/27-29+	*05:02	*01:02	*03:01-03	*04:01	RVSSO, SSP
640	Lee, Kyung Wh	*04:31	*16:02			*03:01:01G	*05:02	*01:02:02	*03:03		P-SBT
6649	Lim, Young Ae	*04	*16	*+	*+						SSP
274	Lo, Raymundo	*04:31	*16			*03	*05:02				SSO
731	Loewenthal, R	*04:31	*16:02:01			*03	*05:02				SBT, SSO
759	Lopez-Cepero	*04:31	*16:02			*03:01/27-29+	*05:02	*01:02	*03:01P	*04:01P	RVSSO
13	Maeda, Lisa	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02				SSP
23	Mah, Helen	*04:31	*16:02	*01:01/03/06	*02:02	*03:01	*05:02	*01:02	*03:01-03	*04:01	SSO, SSP
8029	Mani, Rama	*04	*16	*+	*+						SSP
206	McAlack-Hana	*04	*16	*01	*02	*03(DQ7)	*05				RVSSOP
9916	McIntyre, Joh	*04:31	*16:02:01	*01:03	*02:02	*03:01	*05:02:01				SBT, SSP
8042	Muncher, Lior	*04:31	*16:02			*03:01	*05:02				SSP
9001	Muncher_LR	*04	*16			*03	*05				SSP
3648	Pereira, Noem	*04:31	*16:02			*03:01	*05:02	*01	*03:01-03	*04:01P	RVSSO, SBT
3966	Permpikul&Ve	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02				P-SSP

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CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
2400 Phelan, Donna	*04:31	*16:02	*01	*02	*03:01	*05:02	*01:02	*03:01:01G	*04:01:01G	RSSO, SBT, SSP
735 Ramon, Daniel	*04:31	*16:02	*01:01/03/06	*02:02	*03:01	*05:02	*01:02	*03:03	*04:01	SBT, RSSO, SSP
8001 Rao, Prakash	*04:31	*16:02/17	*01:03	*02:02	*03:01/27-29+	*05:02	*01:02	*03:01-03	*04:01	RVSSO, SSP
3753 Reed, Elaine	*04:31	*16:02	*01:01/03/06	*02:02	*03:01	*05:02	*01:02	*03:01-03		SBT, SSO
3798 Reinsmoen, N	*04:31	*16:02:01	*01:03	*02:02	*03:01/27-29+	*05:02	*01:02	*03:03	*04:01	P-SSO, SBT
1160 Rosen-Bronso	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02				SBT, SSP
793 Rubocki, Rona	*04	*16	*+	*+	*03(DQ7)	*05			*04:01	SSP
3519 Semana, Gilbe	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:03	*04:01	SBT, P-SSP
746 Stamm, Luz	*04:31	*16:02	*01	*02	*03:01	*05:02	*01:02	*03:01-03		SSO, SSP, SBT
747 Tiercy, Jean-	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:01-03	*04:01:01G	SSO, SSP, SBT
5451 Tilanus, Marc	*04:31	*16:02:01	*01:03:01	*02:02	*03:01:01	*05:02:01	*01:02:02	*03:03	*04:01:01	SBT
4021 Trachtenberg	*04	*16	*01	*02	*03	*05	*01	*03		SSO, SSP
5462 Turner, E.V.	*04:31	*16:02:01	*01:03	*02:02	*03	*05:02			*04:01+	SEQ, SSO, SSP
5642 Varnavidou-N	*04:31	*16:02/11+	*+	*+	*03:01/21/22+	*05:02				P-SSP
3511 Zeevi, Adrian	*04:31	*16:02	*01:03	*02:02	*03:01	*05:02	*01:02	*03:03	*04:01	RVSSOP, SSP

CTR DIRNAME	DR4	DR16	DR53	DR51	DQ7	DQ1	OTH1	OTH2
4492 Charron, D.	+	DR2	+	+	DQ3	+		
910 Hahn, Amy B.	+	+	+	+	+	+	DR15	
4908 Kvam, Vonnett	+	+	+	+	+	+		
54 Pancoska, Car	+	+	+	+	+	DQ6		
793 Rubocki, Rona	+	+	+	+	+	DQ5		
8063 Shai, Isaac	+	+	+	+	+	DQ5		

B-CELL LINE TER-463 (Caucasian)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*04	21%
DRB1*04:31	76%
DRB1*0431	3%
DRB1*04	100% TOTAL
DRB1*16	26%
DRB1*16:02/17	13%
DRB1*1602/17	1%
DRB1*16:02	50%
DRB1*16:02:01	9%
DRB1*160201	1%
DRB1*16	100% TOTAL

69 LABS REPORTING DQB1

DQB1*03	49%
DQB1*03:01	45%
DQB1*0301	1%
DQB1*03:01:01	3%
DQB1*03:01:01G	2%
DQB1*03	100% TOTAL
DQB1*05	19%
DQB1*05:02	74%
DQB1*0502	1%
DQB1*05:02:01	5%
DQB1*050201	1%
DQB1*05	100% TOTAL

34 LABS REPORTING DQA1

DQA1*01	12%
DQA1*01:02	76%
DQA1*0102	6%
DQA1*01:02:02	6%
DQA1*01	100% TOTAL
DQA1*03	47%
DQA1*03:01	3%
DQA1*03:03	44%
DQA1*03:01P	3%
DQA1*03:01:01G	3%
DQA1*03	100% TOTAL

45 LABS REPORTING DRB4

DRB4*+	16%
DRB4*01:03	56%
DRB4*01:03:01	2%
DRB4*010301	2%
DRB4*01	24%

45 LABS REPORTING DRB5

DRB5*+	18%
DRB5*02:02	71%
DRB5*02	11%

28 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	13%
DPB1*04:01	42%
DPB1*04:01:01	8%
DPB1*04:01P	4%
DPB1*04:01:01G	29%
DPB1*04	100% TOTAL

6 SEROLOGY LABS

DR4	100%
DR2	17%
DR16	83%
DR2	100%
DR53	100%
DR51	100%

DQ3	17%
DQ7	83%
DQ3	100% TOTAL
DQ1	50%
DQ5	33%
DQ6	17%
DQ1	100% TOTAL

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CTR	DIRNAME	DRB1	DRB1X	DRB4	DRB4X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*04:14	*07:01	*01		*02:02	*03:01:01	*02:01	*03:03	*04:01:01	*17:01	RSSO, SBT, SSP
8070	Ahn, Jaeie	*04	*07			*02	*03			*04	*17	P-SSP
4691	Ajlan, Abdula	*04:14	*07:01			*02:02/06	*03:01/27-29+					SSO
5133	Baker, Judy	*04:14	*07:01/13-21	*01:01	*01:03/07	*02:02/06	*03:01/21/22+					SSP
774	Cecka, J. Mich	*04:14	*07:01/13-21	*01:01	*01:03	*02:02/06	*03:01/21/22+	*02:01	*03:03			SSP, SSOP
785	Chan, Soh Ha	*0414	*070101	*010101		*0202	*0301/13/19	*0102	*0301-03			SBT
4492	Charron, D.	*04:14	*07:01/18/20+	*01:01	*01:03	*02:02/06	*03:01/35/36	*02:01	*03:03	*04:01+	*17:01:01G	P-SSO, SSP
3224	Chen, Dongfen	*04:14	*07:01	*01:01	*01:03/07	*02:02	*03:01					SBT, SSP
8021	Clark, Brenda	*04:14	*07:01/18/19	*01		*02:02/06	*03:01			*04:01	*17:01	P-SSP, SSO
3632	Colombe, Beth	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01					SSP
5130	Costeas, Paul	*04:14	*07:01		*01:03	*02:02	*03:01	*02:01	*03:03			SSP
779	Daniel, Claud	*04	*07	**		*02	*03(DQ7)					P-SSP
5219	Daniel, Dolly	*04	*07	**	**	*02	*03					P-SSOP
8052	Del Pozo, Ana	*0414	*07			*0202	*0301	*0201	*0301-03			P-SSO
5323	Dhaliwal, J.S	*04:14	*07:01/18/19	*01-*03		*02:02	*03:01	*02:01	*03:01-03			P-SSP
5891	Du, Keming	*04:14	*07:01			*02:02/03	*03:01/04					P-SBT
5214	Eckels/CPMC	*04:14	*07	*01	*01	*02	*03(DQ7)	*02:01	*03	*04:01	*17:01	SSOP
2332	Elkhalifa, Mo	*04:14	*07:01/18/19	*01/*02		*02:02/06	*03:01/27-29+					RVSSO, SSP
4251	Ellis, Thomas	*04:14	*07:01	*01:01/03/06+		*02:02	*03:01	*02	*03	*04:01:01G	*17:01:01G	P-RVSSO, SBT
3135	Enczmann, J.	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01			*04:01	*17:01	SBT, SSP, SSO
762	Fischer/Mayr	*04:14	*07:01	*01:01/06	*01:03	*02:02/04	*03:01/09/19+	*02	*03	*04:01	*17:01	RSSO, LBT, SBT
4079	Fort, Marylis	*04:14	*07:01/18/21			*02:02/06	*03:01/28/29+					P-SSP, SSO
792	Gandhi, Manis	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01	*02:01	*03:03			P-SSO, SSP
8043	Gideoni, Osna	*04:14	*07:01			*02:02/06	*03:01	*02:01	*03:03			SSP
9002	Gideoni_LR	*04	*07			*02	*03					SSP, SSOP
1694	Gottwald&Hes	*04:14	*07:01			*02:02	*03:01					SSP
910	Hahn, Amy B.	*04:14	*07:01/18-21	*01:01	*01:03	*02:02/06	*03:01/21/22+					SSP
810	Hamdi, Nuha	*04:14	*07:16			*02:02	*03:01	*02:01	*03:01			SSO
4269	Hanau, Daniel	*04	*07			*02	*03					P-SSP
1461	Hidajat, M.	*04:14	*07:01	*01:01+	*01:03	*02:02	*03:01			*04:01	*17:01	SBT, SSP
2344	Hurley/Hartz	*04:14	*07:01:01:01+			*02:02/06	*03:01:01:01+			*04:01:01G	*17:01:01G	SBT
771	Israel, Shosh	*04:14	*07:01			*02:02	*03:01					SSP
9003	Israel_LR	*04	*07			*02	*03					SSO
794	Jaatinen, Tai	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01	*02:01	*03:01-03	*04:01:01G	*17:01:01G	SBT, SSO, SSP
859	Kamoun, Malek	*04:14	*07:01	*01:01/03/06+		*02:02	*03:01/27-29+	*02:01	*03:01-03	*04:01:01G	*17:01:01G	SBT, SSO, SSP
797	Kato, Shunich	*04:14	*07:01			*02:02/06	*03:01/27/28+	*02:01	*03:01-03			SSO, +SBT-DR
4337	Kim, Tai-Gyu	*04:14	*07:01			*02:02/04+	*03:01/09/19+			*04:01:01G	*17:01:01G	SBT
168	Klein, Tirza	*04:14	*07:01			*02:02	*03:01					P-SSO, SSP
9000	Klein_LR	*04	*07			*02	*03					P-SSO
5096	Kwon, So Yong	*04	*07									SSOP
87	Land, Geoffre	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01	*02:01	*03:03	*04:01	*17:01	SBT, SSO, SSP
725	Lardy, N, M.	*04	*07	**		*02	*03	*02	*03			SSO, SSP
278	Lee, Jar-How	*04:14	*07:01/18/19	*01:01	*01:03	*02:02/06	*03:01/27-29+	*02:01	*03:01-03	*04:01	*17:01	RVSSO, SSP
640	Lee, Kyung Wh	*04:14	*07:01			*02:02	*03:01:01G	*02:01	*03:03			P-SBT
6649	Lim, Young Ae	*04	*07	**								SSP
274	Lo, Raymundo	*04:14	*07			*02	*03					SSO
731	Loewenthal, R	*04:14	*07:01			*02:02	*03					SBT, SSO
759	Lopez-Cepero	*04:14	*07:01/03/05+			*02:02/06	*03:01/27-29+	*02:01	*03:01P	*04:01P	*17:01P	RVSSO
13	Maeda, Lisa	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01					SSP
23	Mah, Helen	*04:14	*07:01	*01:01/03/06		*02:02	*03:01	*02:01	*03:01-03	*04:01	*17:01	SSO, SSP
8029	Mani, Rama	*04	*07	**								SSP
206	McAlack-Hana	*04	*07	*01		*02	*03(DQ7)					RVSSOP
9916	McIntyre, Joh	*04:14	*07:01:01	*01:01+	*01:03	*02:02	*03:01					SBT, SSP
8042	Muncher, Lior	*04:14	*07:01			*02:02	*03:01					SSP
9001	Muncher_LR	*04	*07			*02	*03					SSO
3648	Pereira, Noem	*04:14	*07:01			*02:02	*03:01	*02	*03	*04:01P	*17:01P	RVSSO, SBT
3966	Permpikul&Ve	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01					P-SSP

B-CELL LINE TER-464

CTR DIRNAME	DRB1	DRB1X	DRB4	DRB4X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
2400 Phelan, Donna	*04:14	*07:01	*01		*02:02	*03:01	*02:01	*03:01:01G	*04:01:01G	*17:01:01G	RSSO, SBT, SSP
735 Ramon, Daniel	*04:14	*07:01	*01:01/03/06+		*02:02	*03:01	*02:01	*03:03	*04:01	*17:01	SBT, RSSO, SSP
8001 Rao, Prakash	*04:14	*07:01/15-19+	*01:03/08		*02:02/06	*03:01/27-29+	*02:01	*03:01-03	*04:01	*17:01	RVSSO, SSP
3753 Reed, Elaine	*04:14	*07:01	*01:01/03/06+		*02:02	*03:01	*02:01	*03:01-03			SBT, SSO
3798 Reinsmoen, N	*04:14	*07:01:01	*01:01	*01:03	*02:02/06	*03:01/27-29+	*02:01	*03:03	*04:01	*17:01	P-SSO, SBT
1160 Rosen-Bronso	*04:14	*07:01	*01:01	*01+	*02:02	*03:01					SBT, SSP
793 Rubocki, Rona	*04	*07	*+		*02	*03(DQ7)			*04:01	*17:01	SSP
3519 Semana, Gilbe	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01	*02:01	*03:03	*04:01	*17:01	SBT, P-SSP
746 Stamm, Luz	*04:14	*07:01	*01		*02:02	*03:01	*02:01	*03:01-03			SSO, SSP, SBT
747 Tiercy, Jean-	*04:14	*07:01	*01:01+	*01:03	*02:02	*03:01	*02:01	*03:01-03	*04:01:01G	*17:01:01G	SSO, SSP, SBT
5451 Tilanus, Marc	*04:14	*07:01:01	*01:01:01:01	*01:03:01	*02:02	*03:01:01	*02:01	*03:03	*04:01:01	*17:01	SBT
4021 Trachtenberg	*04	*07	*01		*02	*03	*02	*03			SSO, SSP
5462 Turner, E.V.	*04:14	*07:01:01G	*01:01	*01:03+	*02:02/06	*03			*04:01+	*17:01	SEQ, SSO, SSP
5642 Varnavidou-N	*04:14	*07:01/08-17+	*+		*02:02/06	*03:01/21/22+					P-SSP
3511 Zeevi, Adrian	*04:14	*07:01	*01:01	*01:03	*02:02	*03:01	*02:01	*03:01	*04:01	*17:01	RVSSOP, SSP

CTR DIRNAME	DR4	DR7	DR53	DQ2	DQ7	OTH1	OTH2
4492 Charron, D.	+	+	+	+	DQ3		
910 Hahn, Amy B.	+	+	+	+	+		
4908 Kvam, Vonnett	+	+	+	+	+		
54 Pancoska, Car	+	+	+	+	+		
793 Rubocki, Rona	+	+	+	+	+		
8063 Shai, Isaac	+	+	+	+	+	DR13, DR: DR52	

B-CELL LINE TER-464 (Caucasian)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*04	21%
DRB1*04:14	76%
DRB1*0414	3%
DRB1*04	100% TOTAL
DRB1*07	42%
DRB1*07:01	49%
DRB1*07:01:01	6%
DRB1*070101	1%
DRB1*07:01:01G	1%
DRB1*07:16	1%
DRB1*07	100% TOTAL

69 LABS REPORTING DQB1

DQB1*02	25%
DQB1*02:02/06	25%
DQB1*02:02	48%
DQB1*0202	2%
DQB1*02	100% TOTAL
DQB1*03	51%
DQB1*03:01	43%
DQB1*0301	1%
DQB1*03:01:01	3%
DQB1*03:01:01G	2%
DQB1*03	100% TOTAL

34 LABS REPORTING DQA1

DQA1*02	15%
DQA1*02:01	79%
DQA1*0201	3%
DQA1*02	97% TOTAL
DQA1*03	56%
DQA1*03:01	3%
DQA1*03:03	35%
DQA1*03:01P	3%
DQA1*03:01:01G	3%
DQA1*03	100% TOTAL

46 LABS REPORTING DRB4

DRB4*+	25%
DRB4*01:01	39%
DRB4*010101	2%
DRB4*01:01:01:01	2%
DRB4*01	30%
DRB4*+	23%
DRB4*01:03	41%
DRB4*01:03:01	2%
DRB4*01	32%

28 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	7%
DPB1*04:01	50%
DPB1*04:01:01	7%
DPB1*04:01P	7%
DPB1*04:01:01G	25%
DPB1*04	100% TOTAL
DPB1*17	3%
DPB1*17:01	61%
DPB1*17:01P	7%
DPB1*17:01:01G	29%
DPB1*17	100% TOTAL

6 SEROLOGY LABS

DR4	100%	DQ2	100%
DR7	100%	DQ3	17%
		DQ7	83%
DR53	100%	DQ3	100% TOTAL

B-CELL LINE TER-465

CTR DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
5488 Adams, Sharon	*04:26	*15:01:01	*01	*01	*03:02:01	*06:02:01	*01:02	*03:01	*04:01:01	RSSO, SBT, SSP
8070 Ahn, Jaeie	*04	*15			*03	*06			*04	P-SSP
4691 Ajlan, Abdula	*04:26	*15:01			*03:02/32	*06:02				SSO
5133 Baker, Judy	*04:26	*15:01:01	*01:03	*01:01/14	*03:02:01	*06:02:01	*01:02	*03:01-03		SSO, SBT
774 Cecka, J. Mich	*04:26	*15:01/20/22+	*01:03	*01:01	*03:02/32	*06:02/33+	*01:02	*03:01		SSP, SSOP
785 Chan, Soh Ha	*04:01/13+	*1501/02/05+	*0103		*0302/08	*0602/15	*0102	*0301-03		SBT
4492 Charron, D.	*04:26	*15:01/45-46+	*01:03	*01:01	*03:02/32	*06:02	*01:02	*03:01	*04:01/*128:01	P-SSO, SSP
3224 Chen, Dongfen	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01	*04:01	SBT, SSP
8021 Clark, Brenda	*04:26	*15:01	*01	*01	*03:02/32	*06:02			*04:01	P-SSP, SSO
3632 Colombe, Beth	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01-03		SSP
5130 Costeas, Paul	*04:01/26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01		SSP
779 Daniel, Claud	*04	*15	*+	*+	*03(DQ8)	*06				P-SSP
5219 Daniel, Dolly	*04	*15	*+	*+	*03	*06				P-SSOP
8052 Del Pozo, Ana	*04	*15			*03:02/32	*06:02	*01:02	*03:01-03		P-SSO
5323 Dhaliwal, J.S	*04:26	*15:01	*01	*01	*03:02	*06	*01	*03		P-SSP, SSO
5891 Du, Keming	*04:26	*15:01			*03:02	*06:02				P-SBT
5214 Eckels/CPMC	*04	*15	*01	*01	*03(DQ8)	*06:02	*01:02	*03	*04:01	SSOP
2332 Elkhalfifa, Mo	*04:26	*15:01	*01	*01/*02	*03:02	*06:02				SSP/SSO
4251 Ellis, Thomas	*04:26	*15:01	*01:01/03+	*01:01/14	*03:02	*06:02	*01	*03	*04:01:01G	P-RVSSO, SBT
3135 Enczmann, J.	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02			*04:01	SBT, SSP
762 Fischer/Mayr	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01	*04:01	SSO, SSP, SBT+
4079 Fort, Marylis	*04:26	*15:01/51-53+			*03:02/32+	*06:02				P-SSP, SSO
792 Gandhi, Manis	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01		SSO, SSP
8043 Gideoni, Osna	*04:26	*15:01			*03:02	*06:02	*01:02	*03:01		SSP
9002 Gideoni_LR	*04	*15			*03	*06				SSO, SSP
1694 Gottwald&Hes	*04:26	*15:01			*03:02	*06:02				SSP
910 Hahn, Amy B.	*04:26	*15:01/45/46+	*01:03	*01:01	*03:02/32	*06:02/33+				SSP
810 Hamdi, Nuha	*04:26	*15:01			*03:02	*06:02	*01:02	*03:01		SSO
4269 Hanau, Daniel	*04	*15			*03	*06				P-SSP
1461 Hidajat, M.	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02			*04:01	SSO, SSP
2344 Hurley/Hartz	*04:26	*15:01:01:01+			*03:02:01	*06:02:01			*04:01:01:01+	SBT, SSOP
794 Jaatinen, Tai	*04:26	*15:01	*01:03	*01:01/14	*03:02	*06:02	*01:02	*03:01-03	*04:01:01G	SBT, SSO, SSP
859 Kamoun, Malek	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01	*04:01	SBT, SSO, SSP
797 Kato, Shunich	*04:26	*15:01			*03:02/32	*06:02	*01:02	*03:01-03		SSO, +SBT-DR
4337 Kim, Tai-Gyu	*04:26	*15:01			*03:02/32	*06:02			*04:01:01G	SBT
9000 Klein_LR	*04	*15			*03	*06				SSO
5096 Kwon, So Youn	*04	*15								SSOP
87 Land, Geoffre	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02	*01:02	*03:01	*04:01	SBT, SSO, SSP
725 Lardy, N.M.	*04	*15	*+	*+	*03	*06	*01	*03		SSO, SSP
278 Lee, Jar-How	*04:26	*15:01/46/51+	*01:03	*01:01	*03:02/32	*06:02	*01:02	*03:01-03	*04:01	SSP, RVSSOP
640 Lee, Kyung Wh	*04:26	*15:01			*03:02:01G	*06:02	*01:02:01	*03:01:01		P-SBT
6649 Lim, Young Ae	*04	*15	*+	*+						SSP
274 Lo, Raymundo	*04	*15			*03	*06:02				SSO
731 Loewenthal, R	*04:26	*15:01:01			*03:02	*06:02/11/14				SBT, SSO
759 Lopez-Cepero	*04:16/26	*15:01/13/16+			*03:02/32	*06:02	*01:02	*03:01-03	*04:01P	RVSSO
13 Maeda, Lisa	*04:26	*15:01/50N/51+	*01:03	*01:01	*03:02	*06:02				SSP
23 Mah, Helen	*04:26	*15:01	*01	*01:01	*03:02	*06:02	*01:02	*03:01-03	*04:01	SSO, SSP
8029 Mani, Rama	*04	*15	*+	*+						SSP
206 McAlack-Hana	*04	*15	*01	*01	*03(DQ8)	*06	*01	*03		RVSSOP
9916 McIntyre, Joh	*04:26	*15:01	*01:03	*01:01:01	*03:02/32+	*06:02:01				SBT, SSP
8042 Muncher, Lior	*04:26	*15:01			*03:02	*06:02				SSOP, SSP
9001 Muncher_LR	*04	*15			*03	*06				SSOP, SSP
3648 Pereira, Noem	*04:26	*15:01			*03:02	*06:02	*01:02	*03	*04:01P	RVSSO, SBT
3966 Permpikul&Ve	*04:26	*15:01	*01:03	*01:01	*03:02	*06:02				P-SSP
2400 Phelan, Donna	*04:26	*15:01	*01	*01	*03:02	*06:02	*01:02	*03:01-03	*04:01:01G	RSSO, SBT, SSP
735 Ramon, Daniel	*04:26	*15:01	*01:01/03+	*01:01	*03:02/32	*06:02	*01:02	*03:01-03	*04:01:01G	RVSSOP
8001 Rao, Prakash	*04:26	*15:01/46/51+	*01:03	*01:01	*03:02/32	*06:02	*01:02	*03:01-03	*04:01	RVSSO, SSP





B-CELL LINE TER-465 (Caucasian)

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*04	30%
DRB1*04:01	2%
DRB1*04:26	68%
DRB1*04	100% TOTAL
DRB1*15	41%
DRB1*15:01	52%
DRB1*15:01:01	6%
DRB1*15:01P	1%
DRB1*15	100% TOTAL

66 LABS REPORTING DQB1

DQB1*03	23%
DQB1*03:02/32	26%
DQB1*03:02	44%
DQB1*03:02:01	6%
DQB1*03:02:01G	1%
DQB1*03	100% TOTAL
DQB1*06	27%
DQB1*06:02	65%
DQB1*06:02:01	8%
DQB1*06	100% TOTAL

37 LABS REPORTING DQA1

DQA1*01	14%
DQA1*01:02	78%
DQA1*01:02	3%
DQA1*01:02:01	5%
DQA1*01	100% TOTAL
DQA1*03	60%
DQA1*03:01	35%
DQA1*03:01:01	5%
DQA1*03	100% TOTAL

47 LABS REPORTING DRB4

DRB4*+	15%
DRB4*01:01/03/06	9%
DRB4*01:03	49%
DRB4*0103	2%
DRB4*01:03:01	2%
DRB4*01	23%

28 LABS REPORTING DPB1

DPB1*04	7%
DPB1*04:01+	7%
DPB1*04:01	46%
DPB1*04:01P	7%
DPB1*04:01:01	11%
DPB1*04:01:01G	22%
DPB1*04	100% TOTAL

46 LABS REPORTING DRB5

DRB5*+	17%
DRB5*01:01/14	9%
DRB5*01:01	50%
DRB5*01:01:01	4%
DRB5*01	20%

4 SEROLOGY LABS

DR4	100%	DQ8	100%
DR15	100%	DQ1	75%
DR53	100%	DQ6	25%
DR51	100%	DQ1	100% TOTAL

B-CELL LINE TER-466

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*11:13	*13:01:01	*01:01	*02:02	*05:03:01	*06:03:01	*01:03	*01:04	*02:01:02	*14:01	RSSO, SBT, SSP
8070	Ahn, Jaeie	*11	*13			*05	*06			*02	*14	P-SSP
4691	Ajlan, Abdula	*11:13	*13:01			*05:09	*06:03/41					SSO
5133	Baker, Judy	*11:13	*13:01:01/105	*01:01	*02:02	*05:03:01	*06:03:01	*01:03	*01:01/04+			SSO, SBT
774	Cecka, J. Mich	*11:13	*13:01/91/102+	*01:01	*02:02	*05:03/06/08+	*06:03/40/41	*01:03	*01:04			SSP, SSOP
785	Chan, Soh Ha	*1113	*1301	*0101	*0202	*0503	*0603	*0103	*01:01/04+			SBT
4492	Charron, D.	*11:13	*13:01/105/112+	*01:01	*02:02	*05:03/09/10	*06:03	*01:03	*01:04	*02:01	*14:01	P-SSO, SSP
3224	Chen, Dongfen	*11:13	*13:01/117	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	SBT, SSP
8021	Clark, Brenda	*11:13	*13:01/105/109+	*01	*02	*05:03	*06:03/41			*02:01+	*14:01	P-SSP, SSO
3632	Colombe, Beth	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:01/04+			SSP
5130	Costeas, Paul	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04			SSP
779	Daniel, Claud	*11:13:01+	*13	*+		*05	*06					P-SSP
5219	Daniel, Dolly	*11	*13	*+	*+	*05	*06					P-SSOP/SSP
8052	Del Pozo, Ana	*11:13	*13			*05	*06	*01:03	*01:01/04+			P-SSO
5323	Dhaliwal, J. S	*11:13	*13:01/02/102+	*01	*02	*05	*06	*01	*01			P-SSP, SSO
5891	Du, Keming	*11:13	*13:01/105/112+			*05:03	*06:03					P-SBT
5214	Eckels/CPMC	*11:13	*13	*01:01	*02:02	*05	*06	*01:03	*01	*02:01	*14:01	SSOP
2332	Elkhalifa, Mo	*11:13	*13:01	*01-*03		*05:03	*06:03					SSP, RSSO
4251	Ellis, Thomas	*11:13	*13:01/105/117	*01:01	*02:02	*05:03	*06:03	*01	*01	*02:01	*14:01	P-RVSSO, SBT
3135	Enczmann, J.	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03			*02:01	*14:01	SBT, SSP
762	Fischer/Mayr	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	SSO, LBT, SBT+
4079	Fort, Marylis	*11:13	*13:01/105/112+			*05:03/06/08+	*06:03/44					P-SSP, SSO
792	Gandhi, Manis	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04			SSO, SSP
8043	Gideoni, Osna	*11:13	*13:01			*05:03	*06:03	*01:03	*01:04			SSP
9002	Gideoni_LR	*11	*13			*05	*06					SSO, SSP
1694	Gottwald&Hes	*11:13	*13:01			*05:03	*06:03					SSP
910	Hahn, Amy B.	*11:13	*13:01/91/92+	*01:01	*02:02	*05:03/06/08+	*06:03/40/41					SSP
810	Hamdi, Nuha	*11:13	*13:01			*03:09	*06:03	*01:03	*01:01			SSO
4269	Hanau, Daniel	*11	*13/*14			*05	*06					P-SSP
1461	Hidajat, M.	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03			*02:01	*14:01	SSO, SSP
2344	Hurley/Hartz	*11:13:01+	*13:01:01/117			*05:03:01:01+	*06:03:01/41+			*02:01:02	*14:01	SBT, SSOP
794	Jaatinen, Tai	*11:13	*13:01/105/117	*01:01	*02:02	*05:03	*06:03	*01:03	*01:01/04+	*02:01	*14:01	SBT, SSO
859	Kamoun, Malek	*11:13	*13:01/105	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	SBT, SSO, SSP
797	Kato, Shunich	*11:13	*13:01/105/112			*05:03/06/08+	*06:03/28/31+	*01:03	*01:01/04+			SSO, +SBT-DR
4337	Kim, Tai-Gyu	*11:13	*13:01/117			*05:03/08/10	*06:03/41/44			*02:01	*14:01	SBT
9000	Klein_LR	*11	*13			*05	*06					SSO
5096	Kwon, So Youn	*11	*13									SSOP
87	Land, Geoffre	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	SBT, SSO, SSP
725	Lardy, N, M.	*11	*13	*+		*05	*06	*01				SSO, SSP
278	Lee, Jar-How	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03/41	*01:03	*01:01/04+	*02:01	*14:01	SSP, RVSSOP
640	Lee, Kyung Wh	*11:13	*13:01			*05:03:01G	*06:03:01G	*01:03	*01:04:01			P-SBT
6649	Lim, Young Ae	*14	*13	*+								SSP
274	Lo, Raymundo	*11:13	*13			*05	*06					SSO
731	Loewenthal, R	*11:13	*13:01:01			*05:03/06/08	*06:03/14/31					SBT, SSO
759	Lopez-Cepero	*11:13	*13:01/28/35+			*05:03/06/08+	*06:03/28/31+	*01:03	*01:01/04+	*02:01	*14:01	RVSSO
13	Maeda, Lisa	*11:13	*13:01/105/112+	*01:01	*02:02	*05:03	*06:03					SSP
23	Mah, Helen	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:01/04+	*02:01	*14:01	SSO, SSP
8029	Mani, Rama	*11	*13	*+								SSP
206	McAlack-Hana	*11	*13	*01	*02	*05	*06	*01	*01			RVSSOP
9916	McIntyre, Joh	*11:13:02	*13:01/105	*01:01	*02:02/26+	*05:03:01	*06:03:01					SBT, SSP
8042	Muncher, Lior	*11:13	*13:01			*05:03	*06:03					SSOP, SSP
9001	Muncher_LR	*11	*13			*05	*06					SSOP, SSP
3648	Pereira, Noem	*11:13	*13:01P/105			*05:03	*06:03	*01:03	*01	*02:01	*14:01	RVSSO, SBT
3966	Permpikul&Ve	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03					P-SSP
2400	Phelan, Donna	*11:13	*13:01/117	*01	*02	*05:03	*06:03	*01:03	*01:01/04+	*02:01	*14:01	RSSO, SBT, SSP
735	Ramon, Daniel	*11:13	*13:01/105/112+	*01:01	*02:02	*05:03/08/10	*06:03/41	*01:03	*01:01/04+	*02:01	*14:01	RVSSOP
8001	Rao, Prakash	*11:13	*13:01	*01:01	*02:02	*05:03/06/08+	*06:03/41	*01:03	*01:01/04+	*02:01	*14:01	RVSSO, SSP

B-CELL LINE TER-466

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3753 Reed, Elaine	*11:13	*13:01/105/112+	*01:01	*02:02	*05:03	*06:03	*01:03	*01:01/04+			SBT, RSSO
3798 Reinsmoen, N	*11:13	*13:01:01	*01:01	*02:02	*05:03/06/08+	*06:03/28/31+	*01:03	*01:01/04+	*02:01	*14:01	RVSSO, SBT
1160 Rosen-Bronso	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03					SSP, SBT
793 Rubocki, Rona	*11	*13	*+		*05	*06			*02:01+	*14:01	SSP
3519 Semana, Gilbe	*11:13	*13:01/105	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	SBT, P-SSP
8068 Shanmugam, He	*11	*14	*01		*05	*06					P-SSP
746 Stamm, Luz	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01			SSO, SSP, SBT
5451 Tilanus, Marc	*11:13:02	*13:01:01	*01:01:02	*02:02:01	*05:03:01	*06:03:01	*01:03:01	*01:04:01	*02:01:02	*14:01	SBT
4021 Trachtenberg	*11	*13	*01	*02	*05	*06	*01	*01			SSO, SSP
5462 Turner, E.V.	*11:13P	*13:01/105/117	*01	*02	*05	*06			*02:01+	*14:01	SEQ, SSO, SSP
5642 Varnavidou-N	*11:13	*13:01/91/102+	*+		*05:03/06/08+	*06:03/40/41					P-SSP
3511 Zeevi, Adrian	*11:13	*13:01	*01:01	*02:02	*05:03	*06:03	*01:03	*01:04	*02:01	*14:01	RVSSOP, SSP

CTR DIRNAME	DR11	DR13	DR52	DQ1	OTH1	OTH2
4492 Charron, D.	NT					
910 Hahn, Amy B.	+	+	+	+		
54 Pancoska, Car	+	+	+	+	DR14	
793 Rubocki, Rona	+	+	+	+		
8063 Shai, Isaac	NT					

B-CELL LINE TER-466 (Caucasian)

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*11	19%
DRB1*11:13	74%
DRB1*1113	1%
DRB1*11:13:02	3%
DRB1*11:13P	1%
DRB1*11	98% TOTAL
DRB1*13	60%
DRB1*13:01	30%
DRB1*1301	1%
DRB1*13:01:01	6%
DRB1*13	97% TOTAL

66 LABS REPORTING DQB1

DQB1*05	44%
DQB1*05:03	42%
DQB1*0503	2%
DQB1*05:03:01	7%
DQB1*05:03:01G	2%
DQB1*05:09	2%
DQB1*05	99% TOTAL
DQB1*06	40%
DQB1*06:03/41	8%
DQB1*06:03	42%
DQB1*0603	2%
DQB1*06:03:01	6%
DQB1*06:03:01G	2%
DQB1*06	100% TOTAL

37 LABS REPORTING DQA1

DQA1*01	13%
DQA1*01:03	81%
DQA1*0103	3%
DQA1*01:03:01	3%
DQA1*01	100% TOTAL
DQA1*01	22%
DQA1*01:01/04/05	38%
DQA1*01:01	3%
DQA1*01:04	32%
DQA1*01:04:01	5%
DQA1*01	100% TOTAL

47 LABS REPORTING DRB3

DRB3*+	17%
DRB3*01:01	64%
DRB3*0101	2%
DRB3*01:01:02	2%
DRB3*01	15%
DRB3*+	17%
DRB3*02:02	62%
DRB3*0202	2%
DRB3*02:02:01	2%
DRB3*02	15%

28 LABS REPORTING DPB1

DPB1*02	3%
DPB1*02:01/*123:01	11%
DPB1*02:01	75%
DPB1*02:01:02	11%
DPB1*02	100% TOTAL
DPB1*14	4%
DPB1*14:01	96%
DPB1*14	100% TOTAL

3 SEROLOGY LABS

DR11	100%	DQ1	100%
DR13	100%		
DR52	100%		



\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

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

A3	100%	0.992
A11	78%	0.775
A24	68%	1.000
A36	63%	0.931
A1	60%	0.804
A32	55%	1.000
A30	50%	1.000
A80	48%	1.000
A74	35%	1.000
A31	20%	1.000
A29	13%	1.000
B65	13%	1.000
A23	10%	1.000
A34	10%	1.000
A33	10%	0.800
A69	8%	1.000
A25	5%	1.000
A66	5%	1.000
A26	5%	0.600

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

A3	90%	0.950
A32	65%	1.000
A33	65%	0.932
A11	63%	0.809
A68	55%	0.971
A31	55%	0.938
A66	53%	1.000
A29	48%	0.871
A25	43%	1.000
A30	38%	0.935
A34	33%	1.000
A74	33%	1.000
A69	28%	1.000
A26	20%	1.000
A24	15%	1.000
A43	13%	1.000
A1	10%	0.733
A36	5%	1.000
B18	5%	1.000
B73	5%	1.000
B27	5%	0.750

Methods:

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

\*\*\* 40 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1073 \*\*\*\*\* SERUM NO. 1074 \*\*\*\*\*

								A				
%	%	A		%	%	A	A	1	1			
POS	8'S	3		POS	8'S	3	3	1	1		METHOD	
Claas,F.H.J.	32	88	+	40	100	+	+				(1)	
Esteves Kond	15	0	+	16	75	+					(1)	
Hogan,Patric	24	100	+	28	93	+	+				(1)	
Permpikul &	11	100	+	34	100	+			B58,B27		(1)	
Watson,Narel	15	43	+	25	100	+	+	A66,A68			(1)	

\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

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

A3 100% 0.977

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

A3 100% 0.977  
 A11 60% 0.400  
 A66 20% 1.000  
 B58 20% 0.714  
 B27 20% 0.625  
 A68 20% 0.500

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1073 \*\*\*\*\* SERUM NO. 1074 \*\*\*\*\*

								A						
%	%	A	A	%	%	A	A	A	A	A	A	A		
POS	8'S	3	1	POS	8'S	2	1	3	1	3	5		METHOD	
Askar,Medhat	31	100	+	60	100	+	+	+	+	+		A36,A29	(2)	
Dunn,Paul Dr	???	???	+	???	???	+	+	+	+	+		A26,A30,A68	(2)	
Lardy,N.M. D	33	100	+	57	100	+	+	+	+	+		A66,A74	(2)	

\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

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

A3 100% 1.000  
 A11 67% 0.727  
 A66 33% 1.000

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

A3 100% 1.000  
 A31 100% 1.000  
 A32 100% 1.000  
 A11 100% 0.917  
 A25 67% 1.000  
 A33 67% 1.000  
 A26 33% 1.000  
 A30 33% 1.000  
 A36 33% 1.000  
 A66 33% 1.000  
 A68 33% 1.000  
 A74 33% 1.000  
 A29 33% 0.600

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: NIH-ext



SERUM NO. 1073											SERUM NO. 1074											METHOD	
%	%	A	A	A	A	A	A	A	A	A	%	%	A	A	A	A	A	A	A	A	A		
POS	8'S	3	4	1	6	1	2	0	0	4	1	POS	8'S	3	8	3	2	6	1	4	4	9	0
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+	A69	(L-3)
Alvarez & Ca	13	???	+	+	+							40	???	+	+	+	+					A25,A26,A24	(F-3)
Askar,Medhat	86	100	+	+	+	+	+	+	+	+	1102,1101,2403	90	100	+	+	+	+	+	+	+	+	6601,A69,6602	(L-3)
Baker,Judy	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	A69	(L-3)
Cecka,J.Mich	85	89	+	+	+	+	+	+	+	+	A23,A25,A26>	87	100	+			+					A1,A11,A23,A24>	(L-3)
Cohen,JHM Pr	90	???	+	+	+	+	+	+	+	+	A19,B14	90	???	+	+							A11,A25,A26>	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	1102,1101,2403	???	???	+	+	+	+	+	+	+	+	6601,6602,A69	(L-3)
Eckels/CPMC,	74	???	+	+	+	+	+	+	+	+	A25,A29,A33	94	???	+		+	+					A1,A11,A24,A25(LF-3)	(L-3)
Esteves-Kond	86	40	+	+	+	+	+	+	+	+	A29,A23,A25>	80	100	+		+	+					A11,A25,A1,A24>	(L-3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+	A43,A69,A25	(L-3)
Gandhi,Manis	???	???	+	+	+	+	+	+	+	+	B65	???	???	+	+	+	+	+	+	+	+	A25,A69,A43	(L-3)
Gautreaux,Mi	62	???	+	+	+	+	+	+	+	+	A33	88	???	+	+	+	+					A11,A25	(L-3)
Gideon,Osna	82	100	+	+	+	+	+	+	+	+	A29,A34,A69>	88	100	+	+	+	+	+	+	+	+	A11,A24,A25	(L-3)
Hahn,Amy B.	27	???	+	+	+	+	+	+	+	+	B65	32	???	+	+	+	+	+	+	+	+	A11,A25	(L-3)
Hamdi,Nuha D	36	100	+	+	+	+	+	+	+	+	B65	85	100	+	+	+	+	+	+	+	+	A24,A11,A43	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	A69	(L-3)
Hogan,Patric	???	???	+	+	+	+	+	+	+	+	B55,A29,A66>	???	???	+	+	+	+	+	+	+	+	A11	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	A25,A69	(L-3)
Klein,Tirza	56	100	+	+	+	+	+	+	+	+	A23,A29,A69>	84	100	+	+	+	+	+	+	+	+	B71,B64,B73>	(L-3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	B65	???	???	+	+	+	+	+	+	+	+	A25,A11	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	A43,A69,A11	(L-3)
McAlack-Hana	79	100	+	+	+	+	+	+	+	+		85	100	+	+	+	+	+	+	+	+	A69	(L-3)
Meyer,Pieter	90	???	+	+	+	+	+	+	+	+	A23,A33,A43>	86	???	+		+	+					A9,A26,A43,B18>	(L-3)
Mpuntsha,Loy	71	???	+	+	+	+	+	+	+	+		55	???	+	+	+	+	+				A11	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	B37	???	???	+	+	+	+	+	+	+	+	A25,A11	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	A33	???	???	+	+	+	+	+	+	+	+	A25,A69	(L-3)
Pancoska,Car	27	100	+	+	+	+	+	+	+	+	B65	32	100	+	+	+	+	+	+	+	+	A69,A25	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	???	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	A26,A66,A33	???	???	+	+	+	+	+	+	+	+	A26,B81	(L-3)
Phelan,Donna	22	???	+	+	+	+	+	+	+	+	A29	29	???	+		+	+					A1,A24,A11,A36>	(L-3)
Ramon,Daniel	87	???	+	+	+	+	+	+	+	+	B65	91	???	+	+	+	+	+	+	+	+	A69	(L-3)
Rosen-Bronso	87	???	+	+	+	+	+	+	+	+	A34	93	???	+	+	+	+	+	+	+	+	A69,A11	(L-3)
Sage,Deborah	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	A43,A69,A25	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	B65	???	???	+	+	+	+	+	+	+	+	A11	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	B65	???	???	+	+	+	+	+	+	+	+	A25,A11	(L-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

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

A3	100%	1.000
A24	100%	1.000
A11	91%	1.000
A36	89%	1.000
A1	89%	0.983
A32	83%	1.000
A30	80%	1.000
A80	74%	1.000
A74	51%	1.000
A31	29%	0.909
B65	23%	1.000
A29	20%	0.875
A34	14%	1.000
A23	14%	0.889
A33	14%	0.889
A25	9%	1.000
A26	9%	1.000
A66	9%	1.000
A69	9%	1.000
1101	6%	1.000
1102	6%	1.000
2403	6%	1.000

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

A3	86%	1.000
A32	77%	1.000
A33	77%	1.000
A68	77%	1.000
A31	71%	1.000
A66	71%	1.000
A34	54%	1.000
A74	54%	1.000
A29	51%	1.000
A11	49%	1.000
A25	49%	1.000
A30	49%	1.000
A69	46%	1.000
A26	20%	1.000
A43	20%	1.000
A24	20%	0.857
A1	11%	0.833
6601	6%	1.000
6602	6%	1.000
B18	6%	1.000
B73	6%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1073 \*\*\*\*\* SERUM NO. 1074 \*\*\*\*\*

SERUM NO. 1073				SERUM NO. 1074								METHOD	
%	%	A	A	%	%	A	A	A	A	A	A		
POS	8'S	3	1	3	1	3	3	3	2	1	9	6	
Cecka, J. Mich	18	100	+	+	22	0	+	+	+				(4)
Gandhi, Manis	???	???	+		???	???	+	+					(4)
Mah, Helen	23	100	+	+	71	100	+	+	+	+	+	+	B42, A68, B39
Ramon, Daniel	34	???	+	+	71	???	+	+	+	+		+	CW17
Suciu-Foca, N	30	33	+	+	49	53	+	+	+			+	A28, A74

\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

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

A3	100%	1.000
A11	60%	0.308
A36	40%	0.500
A1	20%	1.000
A24	20%	1.000
B13	20%	1.000
B76	20%	1.000
B62	20%	0.500

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

A11	100%	0.821
A3	100%	0.750
A33	80%	0.727
A26	40%	1.000
A31	40%	1.000
A32	40%	1.000
A29	40%	0.500
A28	20%	1.000
A68	20%	1.000
A74	20%	1.000
B39	20%	1.000
B42	20%	1.000
CW17	20%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1073 \*\*\*\*\* SERUM NO. 1074 \*\*\*\*\*

***** SERUM NO. 1073 *****								***** SERUM NO. 1074 *****										METHOD				
%	%	A	A	A	A	A	A	%	%	A	A	A	A	A	A	A	A		A	A		
POS	8'S	3	4	2	1	1	0	POS	8'S	3	1	5	9	0	6	9	8	3	2			
Esteves-Kond	42	0	+	+	+	+	+	83	55	+	+	+	+	+	+					+	(5)	
Hahn, Amy B.	7	???	+	+	+	+	+	22	???	+	+	+	+	+	+	+	+	+	+		A26	(5)

\*\*\*\*\* SERUM NO.1073 \*\*\*\*\* SERUM NO.1074 \*\*\*\*\*

\*\*\* 2 TYPING LABS \*\*\*

A3	100%	1.000
A11	100%	0.833
A24	100%	0.667
A36	100%	0.667
A1	100%	0.429
A30	50%	0.833

\*\*\* 2 TYPING LABS \*\*\*

A3	100%	1.000
A11	100%	1.000
A25	100%	1.000
A29	100%	1.000
A30	100%	1.000
A66	100%	1.000
A26	50%	1.000
A32	50%	1.000
A33	50%	1.000
A68	50%	1.000
A69	50%	1.000

\*\*\* 2 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1075										SERUM NO. 1076										METHOD				
	% POS	% 8'S	A 3	A 2	A 3	A 3	A 7	A 6	A 3	A 2	A 6	A 6	% POS	% 8'S	A 3	B 7	B 7	A 1	A 6	A 3		B 8	A 7	B 6	A 3
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A69	(3)
Alvarez & Ca	31	???	+	+	+	+	+	+	+	+	+	B40,B7,B27	37	???	+	+	+	+	+	+	+	+	+	B13,B40,B55,B8	(3)
Askar,Medhat	49	100	+	+	+	+	+	+	+	+	+	6602	20	100	+										(2)
Baker,Judy	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	A66,A69	(3)
Cecka,J.Mich	63	100	+	+	+	+	+	+	+	+	+	B7,B13,B81,B47>	48	100	+	+	+	+	+	+	+	+	+	A11,B48,B60>	(4)
Claas,F.H.J.	48	88	+									44	63	+											(1)
Cohen,JHM Pr	90	???	+	+	+	+	+	+	+	+	+	B7	80	???	+	+	+	+	+	+	+	+	+	A69,B60,A2	(3)
Dunk,Arthur	52	100	+	+								A1,B7,B42,B44>	25	100	+	+	+				+			A1,A26,B49,B47	(6)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	B7,B13,B27,B47>	???	???	+	+	+	+	+	+	+	+	+	A11,A30,B13>	(2)
Eckels/CPMC,	89	???	+	+	+	+	+	+	+	+	+	A11,A32,A34>	96	???	+			+	+	+				A11,A2,A66>	(3)
Esteves Kond	23	0	+									A36	18	25	+	+									(1)
Esteves-Kond	86	100	+	+	+	+	+	+	+	+	+	A11,A32	86	100	+	+	+	+	+	+			+	A11,A30,A2,A36	(3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+	A69,B60,B73	(3)
Gandhi,Manis	???	???	+									CW6	???	???	+						+	+		A11	(4)
Gautreaux,Mi	86	???	+	+	+	+	+	+	+	+	+	B7,6602	92	???	+	+		+	+	+	+	+	+	B60,A66	(3)
Gideon,Osna	94	100	+	+	+				+	+	+	A24,A36,A11>	92	100	+		+							A23,A11,A36,A1>	(3)
Hahn,Amy B.	51	???	+	+	+	+	+	+	+	+	+	B81	58	???	+	+	+	+	+	+	+	+	+	B60	(3)
Hamdi,Nuha D	87	100	+	+					+	+	+	B27,A34,B61>	95	100	+		+	+	+			+	+	A66,B13,CW10>	(3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+	A66	(3)
Hogan,Patric	28	93	+	+									26	100	+	+									(1)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(3)
Klein,Tirza	86	100	+	+	+					+	+	A23,B57,B37>	82	100	+								+	B71,B54,B55>	(3)
Lardy,N.M. D	49	100	+	+	+	+	+	+	+	+	+	A32,B35,A25	64	100	+	+	+	+	+	+	+	+	+	A11,A25	(2)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+		(3)
Mah,Helen	66	100	+	+	+	+	+	+	+	+	+	B7,B27,B41	26	100	+	+		+						B60,B77,B46	(4)
McAlack-Hana	90	100	+	+	+	+	+	+	+	+	+	B81	92	100	+	+	+	+	+	+	+	+	+	A69	(3)
Meyer,Pieter	96	???	+	+	+	+	+	+	+	+	+	A1,A23,A24,A11>	100	???	+			+	+				+	A1,A2,A23,A24>	(3)
Mpuntscha,Loy	73	???	+	+	+	+	+	+	+	+	+		44	???	+	+	+	+	+	+	+	+	+	B60	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	A66	(3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	B60,A69	(3)
Pancoska,Car	46	100	+	+	+	+	+	+	+	+	+	B81	59	100	+	+	+	+	+	+	+	+	+	A69	(3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	CW6,B7	???	???	+	+	+	+	+	+	+	+	+	B60	(3)
Permpikul &	21	100	+										28	100	+									A28,11.2	(1)
Phelan,Donna	36	???	+	+	+	+	+	+	+	+	+	A28,A36,A32>	51	???	+		+		+				+	A11,A30,A66,A2>	(3)
Ramon,Daniel	48	???	+	+	+	+	+	+	+	+	+	B60	40	???	+									A11,B46,B48	(4)
Rosen-Bronso	99	???	+	+	+	+	+	+	+	+	+		97	???	+	+	+	+	+	+	+	+	+	B60	(3)
Sage,Deborah	???	???	+	+	+	+	+	+	+	+	+	CW6,6602	???	???	+	+	+	+	+	+	+	+	+	A69,B60	(3)
Suciu-Foca,N	45	47	+	+	+	+	+	+	+	+	+	A28	65	51	+	+								B13,B40,A28	(4)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B7	???	???	+	+	+					+	+	B60,B13,A69>	(3)
Watson,Narel	37	88	+	+								A1	20	83	+			+							(1)

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

A3	98%	1.000
A2	83%	0.758
A31	75%	0.844
A33	70%	0.976
A74	63%	0.962
A68	60%	0.907
A30	55%	1.000
A29	53%	0.931
A69	43%	1.000
A66	25%	1.000
B7	23%	0.882
B81	20%	1.000
B27	15%	0.714
CW6	13%	1.000
A11	10%	1.000
B13	10%	0.875
A32	10%	0.750
A36	10%	0.667
6602	8%	1.000
A23	8%	1.000
A1	8%	0.400
A24	5%	1.000
A25	5%	1.000
A28	5%	1.000
A34	5%	1.000
B47	5%	1.000
B57	5%	1.000
B61	5%	1.000
B42	5%	0.750

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

A3	93%	0.965
B7	68%	0.820
B27	65%	0.875
A31	60%	0.935
A68	58%	0.905
A34	48%	0.909
B81	45%	1.000
A74	43%	1.000
B61	40%	1.000
A33	35%	0.900
B60	33%	0.905
A11	25%	0.833
A69	23%	1.000
A66	18%	1.000
A2	13%	1.000
B13	13%	1.000
A30	10%	1.000
A28	8%	1.000
A36	8%	1.000
B47	8%	1.000
A1	8%	0.429
A23	5%	1.000
A24	5%	1.000
A80	5%	1.000
B40	5%	1.000
B42	5%	1.000
B55	5%	1.000
B73	5%	1.000
B48	5%	0.800
A26	5%	0.600
B46	5%	0.500

Methods:

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

\*\*\* 40 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1075 \*\*\*\*\* SERUM NO. 1076 \*\*\*\*\*

SERUM NO. 1075				SERUM NO. 1076				METHOD
% POS	% 8'S	A 3		% POS	% 8'S	A 3		
Claas, F.H.J.	48	88	+	44	63	+		(1)
Esteves Kond	23	0	+	18	25	+	B27	(1)
Hogan, Patric	28	93	+	26	100	+	B7	(1)
Permpikul &	21	100	+	28	100	+	A28, 11.2	(1)
Watson, Narel	37	88	+	20	83	+	A68	(1)

\*\*\*\*\* SERUM NO.1075 \*\*\*\*\* SERUM NO.1076 \*\*\*\*\*

*** 5 TYPING LABS ***			*** 5 TYPING LABS ***		
A3	100%	1.000	A3	100%	0.902
A68	20%	0.667	11.2	20%	1.000
A29	20%	0.500	A28	20%	1.000
A31	20%	0.500	B27	20%	0.750
A36	20%	0.333	A68	20%	0.667
A1	20%	0.167	B7	20%	0.111
A2	20%	0.074			

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1075 \*\*\*\*\* SERUM NO. 1076 \*\*\*\*\*

SERUM NO. 1075							SERUM NO. 1076							METHOD
% POS	% 8'S	A 3	A 4	A 3	A 1	A 0	% POS	% 8'S	A 3	B 7	B 7	A 1	A 1	
Askar, Medhat	49	100	+	+	+	+	20	100	+					(2)
Dunn, Paul Dr	???	???	+		+	+	???	???	+	+	+	+	A30, A33, A68, B13, B47	(2)
Lardy, N.M. D	49	100	+	+			64	100	+	+	+	+	A25, A34, A74, B61	(2)

\*\*\*\*\* SERUM NO.1075 \*\*\*\*\* SERUM NO.1076 \*\*\*\*\*

*** 3 TYPING LABS ***			*** 3 TYPING LABS ***		
A3	100%	1.000	A3	100%	1.000
A30	67%	1.000	A31	67%	1.000
A33	67%	1.000	B7	67%	1.000
A74	67%	0.750	B27	67%	1.000
A31	67%	0.500	A11	67%	0.875
6602	33%	1.000	A25	33%	1.000
A2	33%	1.000	A30	33%	1.000
A25	33%	1.000	A33	33%	1.000
B7	33%	1.000	A34	33%	1.000
B13	33%	1.000	A68	33%	1.000
B27	33%	1.000	A74	33%	1.000
B35	33%	1.000	B13	33%	1.000
B47	33%	1.000	B47	33%	1.000
B61	33%	1.000	B61	33%	1.000
B67	33%	1.000			
A32	33%	0.600			
A68	33%	0.500			

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: NIH-ext

SERUM NO. 1075											SERUM NO. 1076											METHOD				
%	%	A	A	A	A	A	A	A	A	A	%	%	A	B	A	A	B	B	B	A	A		B			
POS	8'S	2	3	3	1	8	4	0	9	9	6	POS	8'S	3	7	1	8	7	1	1	4	4	0			
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A69	(L-3)	
Alvarez & Ca	31	???	+	+	+	+	+	+	+	+	+	B40,B7,B27	37	???	+	+	+	+	+	+	+	+	+	B13,B40,B55,B8	(F-3)	
Askar,Medhat	98	100	+	+	+	+	+	+	+	+	+	A203,6602	97	100	+	+	+	+	+	+	+	+	+	2708,A69	(L-3)	
Baker,Judy	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	A66,A69	(L-3)	
Cecka,J.Mich	87	100	+	+	+	+	+	+	+	+	+	B81,B7,B60	93	100	+	+	+	+	+	+	+	+	+	A69	(L-3)	
Cohen,JHM Pr	90	???	+	+	+	+	+	+	+	+	+	B7	80	???	+	+	+	+	+	+	+	+	+	A69,A33,A2	(L-3)	
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	A203	???	???	+	+	+	+	+	+	+	+	+	2708,A69	(L-3)	
Eckels/CPMC,	89	???	+	+	+	+	+	+	+	+	+	A11,A32,A34>	96	???	+	+	+	+	+	+	+	+	+	A11,A2,A33,A66	(LF-3)	
Esteves-Kond	86	100	+	+	+	+	+	+	+	+	+	A11,A32	86	100	+	+	+	+	+	+	+	+	+	A11,A30,A33,A2>	(L-3)	
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+	A69,B73	(L-3)	
Gandhi,Manis	???	???	+	+	+	+	+	+	+	+	+	B7	???	???	+	+	+	+	+	+	+	+	+	A69	(L-3)	
Gautreaux,Mi	86	???	+	+	+	+	+	+	+	+	+	B7,6602	92	???	+	+	+	+	+	+	+	+	+	A66	(L-3)	
Gideon,Osna	94	100	+	+	+	+	+	+	+	+	+	A24,A36,A11>	92	100	+	+	+	+	+	+	+	+	+	A23,A11,A36,A1>	(L-3)	
Hahn,Amy B.	51	???	+	+	+	+	+	+	+	+	+	B81	58	???	+	+	+	+	+	+	+	+	+	A66	(L-3)	
Hamdi,Nuha D	87	100	+	+	+	+	+	+	+	+	+	B27,A34,B61>	95	100	+	+	+	+	+	+	+	+	+	A33,A66,B13>	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+	+	A66,A33	(L-3)
Hogan,Patric	???	???	+	+	+	+	+	+	+	+	+	B7,B27,B61,B81	???	???	+	+	+	+	+	+	+	+	+	+	A66,B47	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	A33	(L-3)
Klein,Tirza	86	100	+	+	+	+	+	+	+	+	+	A23,B57,B37>	82	100	+	+	+	+	+	+	+	+	+	+	B71,B54,B55>	(L-3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+	CW6	???	???	+	+	+	+	+	+	+	+	+	+	A33	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	B81,B7,B60,B48>	???	???	+	+	+	+	+	+	+	+	+	+	A33,B73	(L-3)
McAlack-Hana	90	100	+	+	+	+	+	+	+	+	+	B81	92	100	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Meyer,Pieter	96	???	+	+	+	+	+	+	+	+	+	A1,A23,A24,A11>	100	???	+	+	+	+	+	+	+	+	+	+	A1,A2,A23,A24>	(L-3)
Mpuntscha,Loy	73	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	A66	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	B81	???	???	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Pancoska,Car	46	100	+	+	+	+	+	+	+	+	+	B81	59	100	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	CW6,B7	???	???	+	+	+	+	+	+	+	+	+	+	A33	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	B27,B7,B61,B53>	???	???	+	+	+	+	+	+	+	+	+	+	B13,B47,A33>	(L-3)
Phelan,Donna	36	???	+	+	+	+	+	+	+	+	+	A28,A36,A32>	51	???	+	+	+	+	+	+	+	+	+	+	A11,A30,A33,A2>	(L-3)
Ramon,Daniel	92	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Rosen-Bronso	99	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Sage,Deborah	???	???	+	+	+	+	+	+	+	+	+	CW6,6602	???	???	+	+	+	+	+	+	+	+	+	+	A69,A33	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	A69	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B7	???	???	+	+	+	+	+	+	+	+	+	+	B13,A69,A11>	(L-3)

(3) - L-Luminex, F-Flow



\*\*\*\*\* SERUM NO.1075 \*\*\*\*\* SERUM NO.1076 \*\*\*\*\*

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

A2	100%	1.000
A3	91%	1.000
A31	89%	1.000
A33	89%	1.000
A68	80%	1.000
A74	74%	1.000
A29	71%	1.000
A30	71%	1.000
A69	66%	1.000
A66	40%	1.000
B7	29%	1.000
B81	26%	1.000
CW6	14%	1.000
A11	11%	1.000
B27	11%	1.000
B61	11%	1.000
6602	9%	1.000
A23	9%	1.000
A32	9%	1.000
A36	9%	1.000
B13	9%	1.000
A24	6%	1.000
A34	6%	1.000
A203	6%	1.000
B48	6%	1.000
B57	6%	1.000
B60	6%	1.000

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

A3	89%	1.000
B7	86%	1.000
A31	83%	1.000
A68	80%	1.000
B27	74%	1.000
B81	71%	1.000
B61	69%	1.000
A34	66%	1.000
A74	63%	1.000
B60	49%	1.000
A33	40%	1.000
A69	37%	1.000
A66	26%	1.000
A2	14%	1.000
A11	14%	1.000
B13	11%	1.000
A30	9%	1.000
A36	9%	1.000
B73	9%	1.000
2708	6%	1.000
A1	6%	1.000
A23	6%	1.000
A24	6%	1.000
A80	6%	1.000
B42	6%	1.000
B47	6%	1.000
B55	6%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1075 \*\*\*\*\* SERUM NO. 1076 \*\*\*\*\*

	% POS 8'S		SERUM NO. 1075								% POS 8'S		SERUM NO. 1076								METHOD
	A 3	A 7	B 2	A 6	A 3	A 7	B 7	A 8	A 1	B 6	B 4	B 4	B 6	B 7							
Cecka, J. Mich	63	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A31, A33, A68, B81, B47	(4)		
Gandhi, Manis	???	???	+							???	???	+	+						(4)		
Mah, Helen	66	100	+	+	+	+	+	+	+	26	100	+		+	+	+	+	B77, A34	(4)		
Ramon, Daniel	48	???	+	+	+	+				40	???	+	+		+	+		A74	(4)		
Suciu-Foca, N	45	47	+	+	+	+			+	65	51	+	+			+	+	B13, B40, A28	(4)		

\*\*\*\*\* SERUM NO. 1075 \*\*\*\*\* SERUM NO. 1076 \*\*\*\*\*

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

A3	100%	1.000
A33	80%	0.909
A2	80%	0.884
A74	60%	1.000
A31	40%	0.833
B7	40%	0.833
A68	40%	0.800
B27	40%	0.667
A28	20%	1.000
A29	20%	1.000
A30	20%	1.000
A69	20%	1.000
B41	20%	1.000
B47	20%	1.000
B60	20%	1.000
B81	20%	1.000
B13	20%	0.750

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

A3	100%	1.000
A11	60%	0.692
B7	40%	1.000
B48	40%	0.800
B27	40%	0.750
B60	40%	0.750
B46	40%	0.500
A28	20%	1.000
A74	20%	1.000
B13	20%	1.000
B40	20%	1.000
B47	20%	1.000
B77	20%	1.000
B81	20%	1.000
A68	20%	0.625
A31	20%	0.600
A33	20%	0.600
A34	20%	0.333

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1075 \*\*\*\*\* SERUM NO. 1076 \*\*\*\*\*

SERUM NO. 1075										SERUM NO. 1076										METHOD			
%	%	A	A	A	B	B	B	B	B	%	%	B	A	B	B	B	B	A	A				
POS	8'S	6	3	2	1	8	7	1	9	POS	8'S	7	7	8	1	1	0	5	8	9	3		
Esteves-Kond	60	27	+	+	+	+	+	+	+	78	20	+	+	+									A11,A30,A31,A33 (5)
Hahn,Amy B.	29	???	+	+	+	+	+	+	+	29	???	+	+	+	+	+	+	+	+	+	+	+	A69,B48 (5)

\*\*\*\*\* SERUM NO.1075 \*\*\*\*\* SERUM NO.1076 \*\*\*\*\*

\*\*\* 2 TYPING LABS \*\*\*

A3	100%	1.000
A30	100%	1.000
A2	100%	0.842
A68	100%	0.800
A29	100%	0.600
A69	50%	1.000
B7	50%	1.000
B8	50%	1.000
B48	50%	1.000
B59	50%	1.000
B61	50%	1.000
B81	50%	1.000

\*\*\* 2 TYPING LABS \*\*\*

B7	100%	1.000
B27	100%	1.000
A68	100%	0.875
A3	50%	1.000
A30	50%	1.000
A31	50%	1.000
A69	50%	1.000
B48	50%	1.000
B55	50%	1.000
B60	50%	1.000
B61	50%	1.000
B81	50%	1.000
A11	50%	0.909
A33	50%	0.500

\*\*\* 2 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Elisa



\*\*\* 39 TYPING LABS \*\*\*

B8	90%	1.000
B39	85%	0.902
B18	77%	0.956
B65	69%	1.000
A33	56%	0.966
B37	51%	1.000
B51	51%	1.000
B64	51%	1.000
B52	46%	1.000
B78	33%	0.929
B38	26%	1.000
A34	21%	0.889
B14	15%	1.000
B54	13%	1.000
A68	10%	1.000
B71	10%	1.000
B35	10%	0.857
B73	8%	1.000
B75	8%	1.000
A25	5%	1.000
A66	5%	1.000
A69	5%	1.000
B15	5%	1.000
B41	5%	1.000
B49	5%	1.000
B53	5%	1.000
B62	5%	1.000
A24	5%	0.800
B42	5%	0.750

\*\*\* 39 TYPING LABS \*\*\*

B8	92%	1.000
B18	74%	0.864
B42	67%	0.971
B65	59%	0.933
A33	59%	0.921
B37	54%	1.000
B59	49%	1.000
B54	46%	1.000
A34	44%	0.905
B64	41%	1.000
B55	18%	0.900
B14	15%	0.813
A68	15%	0.750
B41	13%	0.833
B39	10%	0.700
B38	10%	0.667
B73	8%	1.000
A3	5%	1.000
A29	5%	1.000
A69	5%	1.000
B62	5%	1.000
B71	5%	1.000
A2	5%	0.600
B7	5%	0.571

Methods:

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

\*\*\* 39 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1077 \*\*\*\*\* SERUM NO. 1078 \*\*\*\*\*

	%	%	B	B	B	B		%	%	B		METHOD
	POS	8'S	3	6	6	1		POS	8'S	8		
Claas,F.H.J.	50	80	+	+		+		25	100	+		(1)
Hogan,Patric	25	100	+	+	+	+	B75	16	100	+		(1)
Permpikul &	10	100	+					1	100	???		(1)
Watson,Narel	34	100	+	+	+	+		16	100	+		(1)

\*\*\*\*\* SERUM NO.1077 \*\*\*\*\* SERUM NO.1078 \*\*\*\*\*

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

B39	100%	0.786
B8	75%	1.000
B64	50%	1.000
B65	50%	1.000
B14	25%	1.000
B75	25%	1.000

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

B8	75%	1.000
???	25%	1.000

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1077 \*\*\*\*\* SERUM NO. 1078 \*\*\*\*\*

	%	%	B	B		%	%	B		METHOD
	POS	8'S	8	5	9	POS	8'S	8		
Askar,Medhat	23	100	+	+	+	11	100	+		(2)
Dunn,Paul Dr	???	???	+	+		???	???	+	A33,B18,B65	(2)
Lardy,N.M. D	30	100	+		+	54	100	+	B14,B38,B7,B27,B41,B48,B61,B55	(2)

\*\*\*\*\* SERUM NO.1077 \*\*\*\*\* SERUM NO.1078 \*\*\*\*\*

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

B8	100%	1.000
B39	67%	1.000
B65	67%	1.000
A33	33%	1.000
B14	33%	1.000
B18	33%	1.000
B51	33%	1.000
B62	33%	1.000
B64	33%	1.000

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

B8	100%	1.000
A33	33%	1.000
B14	33%	1.000
B18	33%	1.000
B38	33%	1.000
B41	33%	1.000
B48	33%	1.000
B65	33%	1.000
B61	33%	0.667
B7	33%	0.500
B55	33%	0.500
B27	33%	0.400

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1077										SERUM NO. 1078										METHOD					
	%	%	B	B	A	B	B	B	B	B	%	%	B	B	B	B	A	B	B	A		B				
POS	8'S	8	8	9	3	5	1	4	2	7	8	POS	8'S	8	2	8	4	7	3	9	5	4	4			
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	B38	???	???	+	+	+	+	+	+	+	+	+	(L-3)		
Alvarez & Ca	46	100	+		+							A25,A26,A68>	22	100	+		+			+				A68,B14,B55	(F-3)	
Askar,Medhat	84	100	+	+	+	+	+	+	+	+	+	A34	95	100	+	+	+	+	+	+	+	+	+		(L-3)	
Baker,Judy	???	???			+							B38,B67,B45>	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Cecka,J.Mich	76	100	+	+	+	+	+	+	+	+	+		67	100	+	+	+	+	+	+	+	+	+		(L-3)	
Cohen,JHM Pr	76	???	+	+	+	+	+	+	+	+	+		67	???	+	+	+	+	+	+	+	+	+		(L-3)	
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	B38	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Eckels/CPMC,	95	???	+	+	+							B35,B38,B41>	95	???	+	+		+						B7,B38,B39,B41	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	B54	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Gandhi,Manis	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Gautreaux,Mi	90	???	+	+	+							A34,B54	68	???	+	+		+						A68,B55,B41	(L-3)	
Gideon,Osna	90	100	+	+	+		+				+	B73,B55,B71>	66	100	+		+	+			+			B73,B62,B55>	(L-3)	
Hahn,Amy B.	58	???	+	+	+	+	+	+	+	+	+	B38	46	???	+	+	+	+	+	+	+	+	+		(L-3)	
Hamdi,Nuha D	73	100	+	+	+	+	+	+	+	+	+	B54,B71	67	100	+		+		+			+	+	A29,A68,B38,A3>	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		CW1,B55	(L-3)
Hogan,Patric	???	???	+	+	+	+					+	B54,B35,A34	???	???	+	+	+	+	+			+			A68,A29,CW8	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	B38	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Klein,Tirza	90	100	+	+		+					+	B35,B48,B73>	62	100	+	+	+								B73,B71,B55>	(L-3)
Loewenthal M	90	100	+	+		+					+	B73,B53,B49>	90	100	+	+		+							B73,A69,B39>	(L-3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	B67,B77	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
McAlack-Hana	86	100	+	+	+	+	+	+	+	+	+		79	100	+	+	+	+	+	+	+	+	+		(L-3)	
Meyer,Pieter	96	???			+						+	A11,A24,B15>	98	???						+					A11,A24,B15,A2>	(L-3)
Mpuntsha,Loy	???	???	+	+	+		+	+	+	+	+	B38	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	A34	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Pancoska,Car	54	100	+	+	+	+	+	+	+	+	+		46	100	+	+	+	+	+	+	+	+	+		(L-3)	
Permpikul &	???	???	+	+	+	+					+	B38,B72	???	???	+	+	+	+			+	+	+		B39,B38	(L-3)
Phelan,Donna	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Ramon,Daniel	88	???	+	+	+	+	+	+	+	+	+	B38	76	???	+	+	+	+	+	+	+	+	+		(L-3)	
Rosen-Bronso	92	???	+	+	+	+	+	+	+	+	+	A34	94	???	+	+	+	+	+	+	+	+	+		(L-3)	
Sage,Deborah	???	???	+	+	+	+					+	B38,B54	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	B54,B75	???	???	+	+	+	+	+	+	+	+	+		(L-3)	
Turner,E.V.	???	???	+	+	+		+					8C,5C,A34,A66>	???	???	+	+			+	+		+			8C,A19,A68,A69>	(L-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1077 \*\*\*\*\* SERUM NO.1078 \*\*\*\*\*

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

B18	94%	1.000
B8	91%	1.000
B39	89%	0.972
A33	83%	0.976
B65	80%	1.000
B51	74%	1.000
B52	71%	1.000
B64	71%	1.000
B37	63%	1.000
B78	51%	0.955
B38	31%	1.000
A34	23%	0.900
B54	17%	1.000
B35	11%	1.000
A68	9%	1.000
B71	9%	1.000
B73	9%	1.000
A25	6%	1.000
A66	6%	1.000
B15	6%	1.000
B41	6%	1.000
B49	6%	1.000
B53	6%	1.000
B67	6%	1.000
B72	6%	1.000
B75	6%	1.000
B77	6%	1.000

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

B8	94%	1.000
B18	91%	1.000
B42	91%	1.000
B37	80%	1.000
B54	80%	1.000
A33	80%	0.974
B59	77%	1.000
B65	74%	1.000
A34	74%	0.968
B64	71%	1.000
B55	14%	1.000
A68	14%	0.818
B41	11%	0.800
A29	9%	1.000
B38	9%	1.000
B39	9%	1.000
B73	9%	1.000
A3	6%	1.000
A69	6%	1.000
B62	6%	1.000
B71	6%	1.000
CW8	6%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Luminex/Flow



\*\*\*\*\* SERUM NO. 1077 \*\*\*\*\* SERUM NO. 1078 \*\*\*\*\*

	% POS 8'S		SERUM NO. 1077										% POS 8'S		SERUM NO. 1078										METHOD			
	B	A	B	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	A	B	A							
Cecka, J. Mich	78	100	+	+	+		+						A68, A69, B35>	45	100	+	+	+	+	+	+	+	+	+	+	+	B38, B39	(4)
Gandhi, Manis	???	???	+	+	+	+			+	+	+	+	B78, A33	???	???	+	+	+	+	+								(4)
Hahn, Amy B.	24	100	+	+	+				+					11	100	+				+							B59	(4)
Mah, Helen	55	100	+	+	+	+	+			+	+		A24, CW8, CW12	40	100	+	+	+	+		+					B55, A34, A2	(4)	
Ramon, Daniel	78	???	+	+	+	+	+					+	B54, B71, B75	63	???	+	+	+	+		+			+			(4)	
Suciu-Foca, N	45	61	+	+				+	+				B16, B5	22	33	+	+			+		+					(4)	

\*\*\*\*\* SERUM NO.1077 \*\*\*\*\* SERUM NO.1078 \*\*\*\*\*

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

B8	100%	1.000
B18	100%	0.895
B39	83%	0.938
B14	50%	1.000
B37	50%	1.000
B38	50%	1.000
B65	50%	1.000
A33	33%	1.000
A34	33%	1.000
B51	33%	1.000
B52	33%	1.000
A68	17%	1.000
A69	17%	1.000
B5	17%	1.000
B16	17%	1.000
B54	17%	1.000
B71	17%	1.000
B75	17%	1.000
B78	17%	1.000
CW12	17%	1.000
CW8	17%	1.000
A24	17%	0.786
B35	17%	0.750
B42	17%	0.667

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

B8	100%	1.000
B18	83%	0.923
B65	67%	1.000
B42	67%	0.900
B14	67%	0.700
A33	50%	0.833
B37	33%	1.000
A68	33%	0.700
B55	17%	1.000
B59	17%	1.000
B39	17%	0.750
A34	17%	0.667
A2	17%	0.579
B38	17%	0.400

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1077 \*\*\*\*\* SERUM NO. 1078 \*\*\*\*\*

SERUM NO. 1077											SERUM NO. 1078											METHOD		
%	%	B	B	B	B	B	B	B	B	B	%	%	B	B	B	B	B	B	B	B	B			
POS	8'S	8	8	4	4	2	1	9	8	7	8	POS	8'S	8	4	9	5	4	2	1	9	7	8	
Hahn, Amy B.	35	???	+	+	+	+	+	+	+	+	+	17	???	+	+	+	+	+	+	+	+	+	+	(5)

\*\*\*\*\* SERUM NO.1077 \*\*\*\*\* SERUM NO.1078 \*\*\*\*\*

\*\*\* 1 TYPING LABS \*\*\*

B8	100%	1.000
B18	100%	1.000
B37	100%	1.000
B38	100%	1.000
B39	100%	1.000
B51	100%	1.000
B52	100%	1.000
B54	100%	1.000
B64	100%	1.000
B78	100%	1.000

\*\*\* 1 TYPING LABS \*\*\*

B8	100%	1.000
B18	100%	1.000
B37	100%	1.000
B39	100%	1.000
B41	100%	1.000
B42	100%	1.000
B54	100%	1.000
B55	100%	1.000
B59	100%	1.000
B64	100%	1.000

\*\*\*\*\* 1 LABORATORIES REPLIED \*\*\*\*\*  
 \*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1079										SERUM NO. 1080										METHOD							
	% POS	% 8'S	B 8	B 5	B 8	B 4	B 4	B 9	B 3	B 3	B 2	% POS	% 8'S	B 8	B 5	B 3	B 9	B 9	B 4	B 1		B 7	B 7	B 2				
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	+	(3)				
Alvarez & Ca	19	100	+								B14,B55	25	100	+	+									A24,B13,B57	(3)			
Askar,Medhat	9	100		+								6	100	+											(2)			
Baker,Judy	???	???	+	+	+	+	+	+	+	+		???	???	+											B65,B18,B8,B64>	(3)		
Cecka,J.Mich	37	0	+	+			+					45	0	+	+	+	+	+	+	+					B37,B57	(4)		
Claas,F.H.J.	13	100									B14	25	100	+					+							(1)		
Cohen,JHM Pr	33	???	+	+	+	+	+	+	+	+	B37	45	???	+	+	+	+	+	+	+	+	+	+	+		(3)		
Dunk,Arthur	8	33		+			+	+			B14	8	80	+												(6)		
Dunn,Paul Dr	???	???	+	+	+		+					???	???	+	+			+	+						B37,B47,B57>	(2)		
Eckels/CPMC,	79	???	+		+		+			+	B37,B41,B46>	71	???	+	+			+	+							B13,B37,B41>	(3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	B37	???	???	+	+	+	+	+	+	+	+	+	+	+		(3)		
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	+	+		(3)		
Gandhi,Manis	???	???		+							B14	???	???	+												(4)		
Gautreaux,Mi	44	???	+		+		+			+	CW8,B37,A34	???	???	+	+	+	+	+								B59,B82	(3)	
Gideoni,Osna	36	100	+	+	+				+		B78,B55,A34>	58	100	+	+	+	+			+						B81,A24,B58>	(3)	
Hahn,Amy B.	13	80	+		+						B14	6	100	+												(4)		
Hamdi,Nuha D	33	100	+	+	+	+		+	+		B67,B59,B37	58	100	+		+			+	+	+	+				B57,B59,CW6>	(3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	B37	???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Hogan,Patric	4	100		+							B53	9	67	+													B75	(1)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Klein,Tirza	34	100	+	+	+	+			+		B78,B55,A34	44	100	+	+	+	+									B81,B63,B47>	(3)	
Lardy,N.M. D	6	40									B14	17	100	+												B55	(2)	
Loewenthal M	57	100	+		+					+	A69,B37,B78,A1>	76	100	+	+	+	+	+								B82,A80,A68>	(3)	
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Mah,Helen	13	75		+	+		+					30	100	+		+	+	+	+								(4)	
McAlack-Hana	40	100	+	+	+	+	+	+	+	+		68	100	+	+	+	+	+	+								(3)	
Meyer,Pieter	56	???			+					+	A2,A24,B52,A68>	76	???	+						+							A23,A24,A66,A3>	(3)
Mpuntsha,Loy	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+								(3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+			+	+	+	+	+		B82	(3)
Pancoska,Car	28	100	+	+	+	+	+	+	+	+		34	100	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Permpikul &	0	0										0	0														(1)	
Phelan,Donna	???	???	+	+	+	+	+	+	+	+	CW5	???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Ramon,Daniel	24	???	+	+	+					+		48	???	+	+	+				+	+	+					B57	(4)
Rosen-Bronso	63	???	+	+	+	+	+	+	+	+	CW5	81	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Sage,Deborah	???	???	+	+	+	+	+	+	+	+	2708,CW5	???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)	
Suciu-Foca,N	18	0	+		+						B14	12	0			+											B16,B12	(4)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	8C,A34	???	???	+	+				+	+							CW18,CW15,CW6>	(3)
Watson,Narel	10	0		+			+					11	0	+					+								B64	(1)

\*\*\* 39 TYPING LABS \*\*\*

B8	74%	0.923
B18	74%	0.919
B65	74%	0.886
B54	59%	1.000
B64	56%	0.885
B39	54%	0.815
B73	51%	1.000
A33	49%	1.000
B27	28%	1.000
B38	28%	0.933
B37	23%	1.000
CW5	23%	1.000
B14	18%	0.722
B55	10%	1.000
A34	10%	0.800
B53	8%	1.000
B78	8%	1.000
CW8	5%	0.667

\*\*\* 39 TYPING LABS \*\*\*

B38	92%	0.947
B45	64%	0.897
B49	62%	0.967
B53	62%	0.882
B39	62%	0.795
B44	59%	0.824
B51	54%	0.862
B77	49%	1.000
B67	44%	1.000
B52	44%	0.944
B57	13%	0.750
B82	10%	1.000
B37	10%	0.800
A24	8%	1.000
B47	8%	1.000
B58	8%	1.000
B81	8%	1.000
CW6	8%	1.000
A23	5%	1.000
A33	5%	1.000
A68	5%	1.000
B13	5%	1.000
B59	5%	1.000
CW18	5%	1.000
B64	5%	0.667

Methods:

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

\*\*\* 39 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1079 \*\*\*\*\* SERUM NO. 1080 \*\*\*\*\*

	%	%	B	B	B	B		%	%	B	B		METHOD
	POS	8'S	6	6	5	1		POS	8'S	3	3		
Claas, F.H.J.	13	100				+		25	100	+	+		(1)
Hogan, Patric	4	100	+			+		9	67	+		B75	(1)
Permpikul &	0	0						0	0				(1)
Watson, Narel	10	0	+			+		11	0	+	+	B64	(1)

\*\*\*\*\* SERUM NO.1079 \*\*\*\*\* SERUM NO.1080 \*\*\*\*\*

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

B65 50% 0.857  
 B14 25% 1.000  
 B53 25% 1.000  
 B64 25% 0.500

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

B38 75% 0.714  
 B39 50% 0.286  
 B75 25% 1.000  
 B64 25% 0.500

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1079 \*\*\*\*\* SERUM NO. 1080 \*\*\*\*\*

	%	%	B	B	B	B		%	%	B		METHOD
	POS	8'S	5	8	4	8	4	POS	8'S	3	8	
Askar, Medhat	9	100	+					6	100	+		(2)
Dunn, Paul Dr	???	???	+	+	+	+		???	???	+	B37, B44, B45, B47, B49, B51, B52, B57, B58	(2)
Lardy, N.M. D	6	40				+		17	100	+	B55	(2)

\*\*\*\*\* SERUM NO.1079 \*\*\*\*\* SERUM NO.1080 \*\*\*\*\*

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

B65 67% 1.000  
 B8 33% 1.000  
 B18 33% 1.000  
 B64 33% 1.000  
 B14 33% 0.400

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

B38 100% 1.000  
 B37 33% 1.000  
 B44 33% 1.000  
 B45 33% 1.000  
 B47 33% 1.000  
 B49 33% 1.000  
 B51 33% 1.000  
 B52 33% 1.000  
 B57 33% 1.000  
 B58 33% 1.000  
 B55 33% 0.667

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1079										SERUM NO. 1080										METHOD				
	% POS	% 8'S	B 8	B 1	B 5	B 3	B 6	B 7	A 3	B 6	C 5	B 8	% POS	% 8'S	B 8	B 5	B 3	B 9	B 9	B 4		B 1	B 7	B 7	B 5
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Alvarez & Ca	19	100	+	+							+	B14,B55	25	100	+	+									A24,B13,B57 (F-3)
Askar,Medhat	61	100	+	+	+	+	+	+	+	+	+	2708	74	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Baker,Judy	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+										B65,B18,B8,B64> (L-3)
Cecka,J.Mich	33	100	+	+	+	+	+	+	+	+	+	B59	30	100	+	+	+	+	+	+	+	+	+	+	B57 (L-3)
Cohen,JHM Pr	33	???	+	+	+	+	+	+	+	+	+	B37	45	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	2708	???	???	+	+	+	+	+	+	+	+	+	+	B57 (L-3)
Eckels/CPMC,	79	???	+	+	+						+	B37,B41,B46>	71	???	+	+									B13,B37,B41> (LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	B27,B37	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Fort,Maryliss	???	???	+	+	+	+	+				+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Gandhi,Manis	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Gautreaux,Mi	44	???	+	+	+						+	CW8,B37,A34	???	???	+	+	+	+	+						B59,B82 (L-3)
Gideon,Osna	36	100	+	+	+			+	+		+	B78,B55,A34>	58	100	+	+	+	+			+				B81,A24,B58> (L-3)
Hahn,Amy B.	28	???	+	+	+	+	+	+	+	+	+		38	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Hamdi,Nuha D	33	100	+	+	+	+	+	+	+	+	+	B67,B59,B37	58	100	+	+	+			+	+	+	+	+	B57,B59,CW6> (L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+	B27,B37	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Hogan,Patric	???	???	+	+	+	+					+	CW8,B27,B37>	???	???		+	+		+	+	+				B82,CW18,B76> (L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Klein,Tirza	34	100	+	+	+	+	+				+	B78,B55,A34	44	100	+	+	+	+					+	+	B81,B63,B47> (L-3)
Loewenthal M	57	100	+	+							+	A69,B37,B78,A1>	76	100	+	+	+	+							B82,A80,A68> (L-3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	B37	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
McAlack-Hana	40	100	+	+	+	+	+	+	+	+	+		68	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Meyer,Pieter	56	???			+						+	A2,A24,B52,A68>	76	???							+				A23,A24,A66,A3> (L-3)
Mpuntscha,Loy	???	???	+	+	+	+	+				+		???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+			+	+	+	B82 (L-3)
Pancoska,Car	28	100	+	+	+	+	+	+	+	+	+	B27	34	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Permpikul &	???	???	+	+	+	+					+		???	???	+	+	+	+	+	+	+	+	+	+	B55,B54 (L-3)
Phelan,Donna	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Ramon,Daniel	40	???	+	+	+	+	+	+	+	+	+	B27	67	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Rosen-Bronso	63	???	+	+	+	+	+	+	+	+	+	B27	81	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Sage,Deborah	???	???	+	+	+	+	+	+	+	+	+	2708	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	B27	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	8C,A34	???	???	+	+			+	+					CW18,CW15,CW6> (L-3)

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1079 \*\*\*\*\* SERUM NO.1080 \*\*\*\*\*

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

B8	97%	1.000
B18	97%	1.000
B54	91%	1.000
B39	86%	0.914
B65	83%	1.000
B73	80%	0.966
A33	77%	0.941
B64	74%	1.000
CW5	46%	1.000
B27	40%	1.000
B38	40%	0.941
B37	31%	1.000
A34	14%	0.833
B55	11%	1.000
2708	9%	1.000
B78	9%	1.000
CW8	9%	0.700
B14	6%	1.000
B53	6%	1.000
B59	6%	0.667

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

B38	94%	1.000
B45	91%	1.000
B49	86%	1.000
B53	86%	1.000
B39	86%	0.971
B44	83%	0.951
B51	80%	1.000
B67	74%	1.000
B77	71%	1.000
B52	63%	1.000
B82	14%	1.000
B57	11%	0.750
A24	9%	1.000
B81	9%	1.000
CW18	9%	1.000
CW6	9%	1.000
A23	6%	1.000
A33	6%	1.000
A68	6%	1.000
B13	6%	1.000
B37	6%	1.000
B47	6%	1.000
B58	6%	1.000
B59	6%	1.000
CW5	6%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1079 \*\*\*\*\* SERUM NO. 1080 \*\*\*\*\*

	SERUM NO. 1079				SERUM NO. 1080											METHOD		
	%	%	B	B	B	B	B	B	B	B	B	B	B	B	B		B	
	POS	8'S	8	5	8	4	3	5	4	7	1	9	5	9	2	6		
Cecka, J. Mich	37	0	+	+		B38, B64	45	0	+	+	+	+	+	+	+	B37, B52	(4)	
Gandhi, Manis	???	???			+	+	???	???		+							(4)	
Hahn, Amy B.	13	80	+		+	+	6	100		+							(4)	
Mah, Helen	13	75		+	+	B64	30	100	+	+	+		+		+		(4)	
Ramon, Daniel	24	???	+	+	+	B38	48	???	+	+	+	+	+		+	B77	(4)	
Suciu-Foca, N	18	0	+		+	+	12	0		+						+	+	(4)

\*\*\*\*\* SERUM NO.1079 \*\*\*\*\* SERUM NO.1080 \*\*\*\*\*

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

B18	67%	0.750
B8	67%	0.700
B65	67%	0.600
B14	50%	1.000
B38	33%	0.833
B64	33%	0.600

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

B38	83%	0.929
B53	67%	0.667
B44	50%	0.556
B49	33%	0.857
B39	33%	0.778
B51	33%	0.500
B57	33%	0.500
B45	33%	0.400
B12	17%	1.000
B16	17%	1.000
B77	17%	1.000
B37	17%	0.500
B52	17%	0.500

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

\*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Antiglobulin



\*\*\*\*\* SERUM NO. 1079 \*\*\*\*\* SERUM NO. 1080 \*\*\*\*\*

			B	B	B				B	B	B	B	B	B	B	B	B	B	B	B	
%	%	B	6	6	1				%	%	6	5	5	5	5	4	4	4	3	3	
POS	8'S	8	5	4	8				POS	8'S	7	7	3	2	1	9	5	4	9	8	
-----																					
Hahn, Amy B.	7	???	+	+	+	+			21	???	+	+	+	+	+	+	+	+	+	+	(5)

\*\*\*\*\* SERUM NO.1079 \*\*\*\*\* SERUM NO.1080 \*\*\*\*\*

\*\*\* 1 TYPING LABS \*\*\*

B8	100%	1.000
B18	100%	1.000
B64	100%	1.000
B65	100%	1.000

\*\*\* 1 TYPING LABS \*\*\*

B38	100%	1.000
B39	100%	1.000
B44	100%	1.000
B45	100%	1.000
B49	100%	1.000
B51	100%	1.000
B52	100%	1.000
B53	100%	1.000
B57	100%	1.000
B67	100%	1.000

\*\*\* 1 LABORATORIES REPLIED \*\*\*  
 \*\*\*\*\* NEXT SHIPMENT: MAR 7 2012 \*\*\*\*\*

Method: Elisa

INVESTIGATOR		DNA EXTRACT #533 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*01:01/30	*02:01/246	*27:12	*57:01:01	*02:02:02/43	*06:02:01/08	RVSSO, SBT, SSP
4691	Ajlan, Abdula	*01	*02	*27	*57	*02	*06	SSO
5133	Baker, Judy	*01:01:01	*02:01:01	*27:12	*57:01:01	*02:02:02	*06:02:01	SSO, SBT
4345	Blasczyk, Rai	*01:01:01G	*02:01:01G	*27:12	*57:01P	*02:02P	*06:02:01G	PCR-SBT
785	Chan, Soh Ha	*01/*3604	*02	*2712	*5701/29	*0202/29	*0602	SBT
3224	Chen, Dongfen	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	PCR-SBT
8021	Clark, Brenda	*01:01/02/04N+	*02:01:01-01:04+	*27:12/16/23+	*57:01-04/06+	*02:02-16	*06:02-08	PCR-SSP
5219	Daniel, Dolly	*01	*02	*27	*57			PCR-SSOP
5323	Dhaliwal, J.S	*01	*02	*27:12	*57	*02	*06	PCR-SSO, SSP
5891	Du, Keming	*01:01/30/98/14	*02:01/246/262+	*27:12	*57:01	*02:02/43	*06:02/08	PCR-SBT
3766	Dunn, Paul	*01	*02	*27:12	*57	*02	*06	PCR-SSO, SSP
2332	Elkhalifa, Mo	*01	*02	*27	*57	*02	*06	SSO
4251	Ellis, Thomas	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	PCR-RSSO, SBT
3135	Enczmann, J.	*01:01	*02:01/01L	*27:12	*57:01	*02:02	*06:02	SSO, SSP, SBT
762	Fischer&Mayr	*01:01/04N/22N/32+	*02:01/01L/09/43N+	*27:12	*57:01/29	*02:02/29	*06:02	SSO, SSP, SBT
1694	Gottwald&Hes	*01	*02	*27	*57	*02	*06	SSP
1461	Hidajat, Mela	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	SSO, SSP
615	Holdsworth, R	*01:01:01G	*02:01:01G	*27:12	*57:01:01G	*02:02:02G	*06:02:01G	SBT
745	Holman, Richa	*01:01	*02:01	*27:12	*57:01:01	*02:02:02	*06:02:01	SSO, SSP, SBT
2344	Hurley&Hartz	*01:01:01:01+	*02:01:01:01+	*27:12	*57:01:01/01:11+	*02:02:02/02:17+	*06:02:01:01+	SSO, SBT
797	Kato, Shunich	*01:01/01N	*02:01/01L	*27:12	*57:01	*02:02	*06:02	SSO, SBT
2847	Kihara, Masaa	*01	*02	*27	*57	*02	*06	RVSSO
5096	Kwon, So Yong	*01	*02	*27	*57			
87	Land, Geoff	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	SBT, SSO, SSP
278	Lee, Jar-How	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	SSP, RVSSOP
640	Lee, Kyung Wh	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	PCR-SBT
13	Maeda, Lisa	*01:01/45	*02:01	*27:12	*57:01	*02:02	*06:02	SSP
9916	McIntyre, Joh	*01:01	*02:01	*27:12	*57:01:01	*02:02:02	*06:02:01	SBT, SSP
8042	Muncher, Lior	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	SSOP, SSP
9001	Muncher_LR	*01	*02	*27	*57	*02	*06	SSOP, SSP
8022	Olerup SSP	*01:01/45	*02:01	*27:12	*57:01	*02:02	*06:02	SSP
3648	Pereira, Noem	*01:01//*01:30//+	*02:01/01L//+	*27:12	*57:01	*02:02	*06:02	RSSO, SSP, SBT
3966	Permpikul&Ve	*01	*02	*27:12	*57	*02	*06	PCR-SSP
2400	Phelan, Donna	*01:01/01N	*02:01	*27:12	*57:01	*02:02	*06:02	RSSO, SSP, SBT
735	Ramon, Daniel	*01	*02	*27	*57	*02	*06	RVSSOP
3753	Reed, Elaine	*01:01/14/30+	*02:01/36/101+	*27:12	*57:01	*02:02/43	*06:02/08	SBT
3798	Reinsmoen, N	*01:01:01/01:01N	*02:01:01/01:01L	*27:12	*57:01:01	*02:02:02	*06:02:01	RVSSO, SBT
4948	Sage, Deborah	*01:01/14/30	*02:01/101/246	*27:12	*57:01	*02:02/43	*06:02/08	
3545	Scornik, Juan	*01:01/01N	*02:01	*27:12	*57:01	*02:02	*06:02	SSOP, SBT
8068	Shanmugam, He	*01	*02	*27	*57	*02	*06	PCR-SSP
746	Stamm, Luz	*01:01	*02:01	*27:12	*57:01	*02:02	*06:02	SSO, SSP, SBT
4021	Trachtenberg	*01	*02	*27	*57	*02	*06	SSO, SBT
5462	Turner, E.V.	*01:01P	*02:01:01G	*27:12	*57:01:01	*02:02:02	*06:02:01G	SEQ.SSO, SSP

INVESTIGATOR		DNA EXTRACT #534 (Asian)		B1	B2	C1	C2	method
CTR	NAME	A1	A1					
5488	Adams, Sharon	*24:02	*24:10	*07:02:01/61	*35:30	*04	*07	RVSSO, SBT, SSP
4691	Ajlan, Abdula	*24	*24	*07	*35	*04	*07	SSO
5133	Baker, Judy	*24:02	*24:10	*07:02:01/61	*35:30	*04:01/09N/30/82	*07:02:01/50	SSO, SBT
4345	Blasczyk, Rai	*24:02:01G	*24:10	*07:02:01G	*35:30	*04:01:01G	*07:02P	PCR-SBT
785	Chan, Soh Ha	*24	*24	*07	*3530	*04	*0702/37/50/66+	SBT
3224	Chen, Dongfen	NT						PCR-SBT
8021	Clark, Brenda	*24:02-04/06-08+		*07:02/04/10+	*35:05/13/17+	*04:01:01-01:04+	*07:02/03/10+	PCR-SSP
5219	Daniel, Dolly	*24	*24	*07	*35			PCR-SSOP
5323	Dhaliwal, J.S	*24	*24:10	*07	*35	*04	*07	PCR-SSO, SSP
5891	Du, Keming	*24:02/03	*24:10/46	*07:01/61	*35:30	*04:01/09N/30/82+	*07:02/50/76/37+	PCR-SBT
3766	Dunn, Paul	*24	*24:10	*07	*35	*04	*07	PCR-SSO, SSP
2332	Elkhalifa, Mo	*24		*07	*35	*04	*07	SSO
4251	Ellis, Thomas	*24:02P	*24:10	*07:02:01G	*35:30	*04:01:01G	*07:02:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*24:02	*24:10	*07:02	*35:30	*04:01/09N/30	*07:02	SBT, SSO, SSP
762	Fischer&Mayr	*24:02/09N/11N+	*24:10	*07:02/44/49N+	*35:30	*04:01/09N/28/30+	*07:02/50/66+	SSO, SSP, SBT
1694	Gottwald&Hes	*24		*07	*35	*04	*07	SSP
1461	Hidajat, Mela	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SSO, SSP
615	Holdsworth, R	*24:02:01G	*24:10	*07:02:01G	*35:30	*04:01:01G	*07:02:01G	SBT
745	Holman, Richa	*24:02	*24:10	*07:02:01	*35:30	*04:01	*07:02	SSO, SSP, SBT
2344	Hurley&Hartz	*24:02:01:01+	*24:10	*07:02:01/02:06+	*35:30	*04:01:01:01+	*07:02:01:01+	SSO, SBT
797	Kato, Shunich	*24:02	*24:10	*07:02/61	*35:30	*04:01/09N/30	*07:02/50	SSO, SBT
2847	Kihara, Masaa	*24	*24	*07	*35	*04	*07	RVSSO
5096	Kwon, So Yong	*24	*24	*07	*35			
87	Land, Geoff	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SBT, SSO, SSP
278	Lee, Jar-How	*24:02	*24:10	*07:02/41	*35:30	*04:01	*07:02	SSP, RVSSOP
640	Lee, Kyung Wh	*24:02	*24:10	*07:02/61	*35:30	*04:01/09N/30/82	*07:02/50	PCR-SBT
13	Maeda, Lisa	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SSP
9916	McIntyre, Joh	*24:02// *2403	*24:10// *24:46	*07:02:01	*35:30	*04:01/82	*07:02	SBT, SSP
8042	Muncher, Lior	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SSOP, SSP
9001	Muncher_LR	*24		*07	*35	*04	*07	SSOP, SSP
8022	Olerup SSP	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SSP
3648	Pereira, Noem	*24:02	*24:10	*07:02P	*35:30	*04:01P	*07:02P	RSSO, SSP, SBT
3966	Permpikul&Ve	*24	*24	*07	*35	*04	*07	PCR-SSP
2400	Phelan, Donna	*24:02	*24:10	*07:02/61	*35:30	*04:01G	*07:02/50	RVSSO, SSP, SBT
735	Ramon, Daniel	*24	*2403	*07	*35	*04	*07	RVSSOP
3753	Reed, Elaine	*24:02/03	*24:10/46	*07:02/61	*35:30	*04:01/04/07/09N+	*07:02/37/50/76+	SBT
3798	Reinsmoen, N	*24:02/02L	*24:10	*07:02:01/61	*35:30	*04:01/09N/30/82	*07:02:01/50	RVSSO, SBT
4948	Sage, Deborah	*24:02	*24:10/46	*07:02	*35:30	*04:01/04/07/09N+	*07:02/37/50/76+	
3545	Scornik, Juan	*24:02	*24:10	*07:02/61	*35:30	*04:01/09N/30/82	*07:02/50	SSOP, SBT
8068	Shanmugam, He	*24	*24	*07	*07	*04	*07	PCR-SSP
746	Stamm, Luz	*24:02	*24:10	*07:02	*35:30	*04:01	*07:02	SSO, SSP, SBT
4021	Trachtenberg	*24	*24	*07	*35	*04	*07	SSO, SBT
5462	Turner, E.V.	*24:02	*24:10	*07:02P	*35:30	*04:01:01G	*07:01:01G	SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #535 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*01:01:01	*30:02:01	*18	*27	*05	*15	RVSSO, SBT, SSP
4691	Ajlan, Abdula	*01	*30	*18	*27	*05	*15	SSO
5133	Baker, Judy	*01:01:01	*30:02:01	*18:01:01+// *18:15	*27:10// *27:05+	*05:01:01	*15:02:01	SSO, SBT
4345	Blasczyk, Rai	*01:01:01G	*30:02P	*18:01:01G	*27:10	*05:01P	*15:02P	PCR-SBT
785	Chan, Soh Ha	*0101/04N/22N/32+	*3002/33	*1801/15/17N/23N	*2705/10/13	*0501/03/11/27+	*1502/08/13/15+	SBT
3224	Chen, Dongfen	*01:01	*30:02	*18:01	*27:10	*05:01	*15:02	SBT
8021	Clark, Brenda	*01:01/04N/06+	*30:01-02:02+	*18:01-08/10+	*27:04/10/15+	*05:01/03-07+	*15:02-06+	PCR-SSP
5219	Daniel, Dolly	*01	*30	*18	*27			PCR-SSOP
5323	Dhaliwal, J.S	*01	*30	*18	*27	*05	*15	PCR-SSO, SSP
5891	Du, Keming	*01:01	*30:02	*18:01/15/17N/54	*27:10/05/13/40	*05:01/11/36	*15:02/08/17	PCR-SBT
3766	Dunn, Paul	*01	*30	*18	*27:10/54	*05	*15	PCR-SSO, SSP
2332	Elkhalifa, Mo	*01	*30	*18	*27	*05	*15	SSO
4251	Ellis, Thomas	*01:01:01G	*30:02	*18:01:01G	*27:10	*05:01	*15:02	PCR-RSSO, SBT
3135	Enczmann, J.	*01:01	*30:02	*18:01	*27:10	*05:01	*15:02	SBT, SSO, SSP
762	Fischer&Mayr	*01:01/04N/22N/32+	*30:02/33	*18:01	*27:10	*05:01/03/37	*15:02/13	
1694	Gottwald&Hes	*01	*30	*18	*27	*05	*03	SSP
1461	Hidajat, Mela	*01:01	*30:02	*18:01	*27:10	*05:01	*15:02	SSO, SSP
615	Holdsworth, R	*01:01:01G	*30:02:01G	*18:01:01G	*27:10	*05:01:01G	*15:10	SBT
745	Holman, Richa	*01:01:01	*30:02:01	*18:01	*27:10	*05:01:01	*15:02:01	SSO, SSP, SBT
2344	Hurley&Hartz	*01:01:01:01+	*30:02:01/02:02+	*18:01:01/01:03+	*27:10	*05:01:01:01+	*15:02:01+	SBT, SSOP
797	Kato, Shunich	*01:01/01N	*30:02	*18:01/15	*27:05/10/13	*05:01	*15:02	SSO, SBT
2847	Kihara, Masaa	*01	*30	*18	*27	*05	*15	RVSSO
5096	Kwon, So Yong	*01	*30	*18	*27			
87	Land, Geoff	*01:01	*30:02	*18:01	*27:10	*05:01	*15:02	SBT, SSO, SSP
278	Lee, Jar-How	*01:01	*30:02/50/51	*18:01	*27:10	*05:01	*15:02	SSP, RVSSOP
640	Lee, Kyung Wh	*01:01	*30:02	*18:01/17N	*27:10	*05:01	*15:02	PCR-SBT
13	Maeda, Lisa	*01:01/45/61	*30:02	*18:01	*27:10	*05:01	*15:02	SSP
9916	McIntyre, Joh	*01:01:01	*30:02:01	*18:01/17N	*27:10	*05:01:01	*15:02:01	SBT, SSP
8042	Muncher, Lior	NT						SSOP, SSP
9001	Muncher_LR	*01	*30	*18	*27	*05	*15	SSOP, SSP
8022	Olerup SSP	*01:01/45	*30:02	*18:01	*27:10	*05:01	*15:02	SSP
3648	Pereira, Noem	*01:01	*30:02	*18:01	*27:10	*05:01// *05:11	*15:02// *15:08+	RSSO, SSP, SBT
3966	Permpikul&Ve	*01	*30	*18	*27	*05	*15	PCR-SSP
2400	Phelan, Donna	*01:01/01N	*30:02	*18:01/17N	*27:10	*05:01	*15:02	RSSO, SSP, SBT
735	Ramon, Daniel	*01	*30	*18	*27	*05	*15	RVSSOP
3753	Reed, Elaine	*01:01	*30:02	*18:01/15/17N/54	*27:05/10/13/40	*05:01/11/36	*15:02/08/17	SBT
3798	Reinsmoen, N	*01:01:01/01:01N	*30:02:01	*18:01/17N	*27:10	*05:01:01	*15:02:01	RVSSO, SBT
4948	Sage, Deborah	*01:01	*30:02	*18:01/15/17N	*27:05/10/13	*05:01/11	*15:02/08	
3545	Scornik, Juan	*01:01/01N	*30:02	*18:01/17N	*27:10	*05:01	*15:02	SSOP, SBT
8068	Shanmugam, He	*01	*30	*18	*27	*05	*15	PCR-SSP
746	Stamm, Luz	*01:01	*30:02	*18:01	*27:10	*05:01	*15:02	SSO, SSP, SBT
4021	Trachtenberg	*01	*30	*18	*27	*05	*15	SSO, SBT
5462	Turner, E.V.	*01:01:01:01+	*30:02:01	*18:01P	*27:10	*05:01:01G	*15:02:01	SEQ, SSO, SSP

INVESTIGATOR	DNA EXTRACT #536		B1	B2	C1	C2	method
CTR NAME	A1	A2					
5488 Adams, Sharon	*02:36	*31:01:02	*07	*27	*01	*07	RVSSO, SBT, SSP
4691 Ajlan, Abdula	*02	*31	*07	*27	*01	*07	SSO
5133 Baker, Judy	*02:36	*31:01:02	*07:02:01/61	*27:05:02/13	*01:02	*07:02:01/50	SSO, SBT
4345 Blasczyk, Rai	*02:36	*31:01:02G	*07:02:01G	*27:05P	*01:02P	*07:02P	PCR-SBT
785 Chan, Soh Ha	*02	*3101/05/14N/23	*0702/26/44/49N/58+	*2705/13/45	*0102/11/17+	*0702/37/39/50+	SBT
3224 Chen, Dongfen	*02:36	*31:01	*07:02/61	*27:05	*01:02	*07:02/50	SBT
8021 Clark, Brenda	*02:01:01+	*31:01/02/05+	*07:02/04/10+	*27:01/02/05+	*01:02/03/06+	*07:02/03/10+	PCR-SSP
5219 Daniel, Dolly	*02	*31	*07	*27			PCR-SSOP
5323 Dhaliwal, J.S	*02	*31	*07	*27	*01	*07	PCR-SSO, SSP
5891 Du, Keming	*02:01/36	*31:01/05	*07:02/61	*27:05/13	*01:02/17/22+	*07:02/50/39/37+	PCR-SBT
3766 Dunn, Paul	*02:36	*31	*07	*27	*01	*07	PCR-SSO, SSP
2332 Elkhalfa, Mo	*02	*31	*07	*27	*01	*07	SSO
4251 Ellis, Thomas	*02:36	*31:01	*07:02:01G	*27:05:02G	*01:02/17	*07:02/39/50	PCR-RSSO, SBT
3135 Enczmann, J.	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SBT, SSO, SSP
762 Fischer&Mayr	*02:36	*31:01/14N/23	*07:02/44/49N/58+	*27:05/13	*01:02/25	*07:02/50/66/74	
1694 Gottwald&Hes	*02	*31	*07	*27	*01	*07	SSP
1461 Hidajat, Mela	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SSO, SSP
615 Holdsworth, R	*02:36	*31:01:02G	*07:02:01G	*27:05:02G	*01:02:01G	*07:02:01G	SBT
745 Holman, Richa	*02:36	*31:01:02	*07:02	*27:05	*01:02:01	*07:02:01	SSO, SSP, SBT
2344 Hurley&Hartz	*02:36	*31:01:02/14N/23+	*07:02:01/02:06+	*27:05:02/05:04+	*01:02:01+	*07:02:01:01+	SBT, SSOP
797 Kato, Shunich	*02:36	*31:01	*07:02/61	*27:05/13	*01:02	*07:02/50	SSO, SBT
2847 Kihara, Masaa	*02	*31	*07	*27	*01	*07	RVSSO
5096 Kwon, So Yong	*02	*31	*07	*27			
87 Land, Geoff	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SBT, SSO, SSP
278 Lee, Jar-How	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SSP, RVSSOP
640 Lee, Kyung Wh	*02:36	*31:01	*07:02/61	*27:05/13	*01:02	*07:02/50	PCR-SBT
13 Maeda, Lisa	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SSP
9916 McIntyre, Joh	*02:36	*31:01:02	*07:02:01	*27:05:02	*01:02:01	*07:02:01	SBT, SSP
8042 Muncher, Lior	NT						SSOP, SSP
9001 Muncher_LR	*02	*31	*07	*27	*01	*07	SSOP, SSP
8022 Olerup SSP	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SSP
3648 Pereira, Noem	*02:36	*31:01	*07:02P//*07:26//+	*27:05P//*27:45//+	*01:02	*07:02	RSSO, SSP, SBT
3966 Permpikul&Ve	*02	*31	*07	*27	*01	*07	PCR-SSP
2400 Phelan, Donna	*02:36	*31:01	*07:02/61	*27:05/13	*01:02	*07:02/50	RSSO, SSP, SBT
735 Ramon, Daniel	*02	*31	*07	*27	*01	*07	RVSSOP
3753 Reed, Elaine	*02:01/36	*31:01/05	*07:02/26/61/118	*27:05/13/45/46	*01:02/17/22+	*07:02/29/37/39+	SBT
3798 Reinsmoen, N	*02:36	*31:01:02	*07:02:01/61	*27:05/13	*01:02	*07:02:01/50	RVSSO, SBT
4948 Sage, Deborah	*02:01/36	*31:01/05	*07:02/26/61	*27:05/13/45	*01:02	*07:02/50	
3545 Scornik, Juan	*02:36	*31:01	*07:02/61	*27:05/13	*01:02	*07:02/50	SSOP, SBT
8068 Shanmugam, He	*02	*31	*07	*27	*01	*07	PCR-SSP
746 Stamm, Luz	*02:36	*31:01	*07:02	*27:05	*01:02	*07:02	SSO, SSP, SBT
4021 Trachtenberg	*02	*31	*07	*27	*01	*07	SSO, SBT
5462 Turner, E.V.	*02:36	*31:01:02	*07:02:01	*27:05P	*01:02:01	*07:02:01G	SEQ, SSO, SSP

## SUMMARY

Extract 533 (Caucasian)  
43 labs  
A\*01 51%  
A\*01:01/01N 10%  
A\*01:01 30%  
A\*01:01:01 2%  
A\*01:01P 2%  
A\*01:01:01G 5%  
A\*01 100% TOTAL  
  
A\*02 47%  
A\*02:01 39%  
A\*02:01:01 7%  
A\*02:01:01G 7%  
A\*02 100% TOTAL

Extract 534 (Asian)  
42 labs  
A\*24 43%  
A\*24:02/03 7%  
A\*24:02 43%  
A\*24:02P 2%  
A\*24:02:01G 5%  
A\*24 100% TOTAL  
  
A\*24 31%  
A\*24:10/46 7%  
A\*2403 2%  
A\*24:10 60%  
A\*24 100% TOTAL

Extract 535 (Caucasian)  
42 labs  
A\*01 43%  
A\*01:01/01N 7%  
A\*01:01 29%  
A\*01:01:01 14%  
A\*01:01:01G 7%  
A\*01 100% TOTAL  
  
A\*30 43%  
A\*30:02 38%  
A\*30:02:01 15%  
A\*30:02P 2%  
A\*30:02:01G 2%  
A\*30 100% TOTAL

Extract 536  
42 labs  
A\*02 33%  
A\*02:01/36 7%  
A\*02:36 60%  
A\*02 100% TOTAL  
  
A\*31 41%  
A\*31:01/05 7%  
A\*31:01 33%  
A\*31:01:02 14%  
A\*31:01:02G 5%  
A\*31 100% TOTAL

43 labs  
B\*27 26%  
B\*27:12 72%  
B\*2712 2%  
B\*27 100% TOTAL  
  
B\*57 33%  
B\*57:01 49%  
B\*57:01:01 14%  
B\*57:01P 2%  
B\*57:01:01G 2%  
B\*57 100% TOTAL

42 labs  
B\*07 45%  
B\*07:02/61 19%  
B\*07:02 19%  
B\*07:02:01 5%  
B\*07:02P 5%  
B\*07:02:01G 7%  
B\*07 100% TOTAL  
  
B\*35 31%  
B\*35:30 65%  
B\*3530 2%  
B\*35 98% TOTAL

42 labs  
B\*18 50%  
B\*18:01/17N 12%  
B\*18:01 29%  
B\*18:01P 2%  
B\*18:01:01G 7%  
B\*18 100% TOTAL  
  
B\*27 50%  
B\*27:10 50%  
B\*27 100% TOTAL

42 labs  
B\*07 48%  
B\*07:02/61 19%  
B\*07:02 21%  
B\*07:02:01 5%  
B\*07:02:01G 7%  
B\*07 100% TOTAL  
  
B\*27 48%  
B\*27:05/13 19%  
B\*27:05 21%  
B\*27:05:02 2%  
B\*27:05P 5%  
B\*27:05:02G 5%  
B\*27 100% TOTAL

41 labs  
C\*02 34%  
C\*02:02/43 10%  
C\*02:02 42%  
C\*02:02:02 12%  
C\*02:02:02G 2%  
C\*02 100% TOTAL  
  
C\*06 30%  
C\*06:02/08 10%  
C\*06:02 39%  
Cw\*0602 2%  
C\*06:02:01 12%  
C\*06:02:01G 7%  
C\*06 100% TOTAL

40 labs  
C\*04 60%  
C\*04:01 25%  
C\*04:01P 2%  
C\*04:01G 3%  
C\*04:01:01G 10%  
C\*04 100% TOTAL  
  
C\*07 48%  
C\*07:02/50 15%  
C\*07:02 25%  
C\*07:02P 5%  
C\*07:01:01G 2%  
C\*07:02:01G 5%  
C\*07 100% TOTAL

40 labs  
C\*05 48%  
C\*05:01 33%  
C\*05:01:01 12%  
C\*05:01P 2%  
C\*05:01:01G 5%  
C\*05 100% TOTAL  
  
C\*15 45%  
C\*15:02 33%  
C\*15:02:01 15%  
C\*15:02P 2%  
C\*15:10 2%  
C\*15 97% TOTAL

40 labs  
C\*01 45%  
C\*01:02 40%  
C\*01:02:01 10%  
C\*01:02P 2%  
C\*01:02:01G 3%  
C\*01 100% TOTAL  
  
C\*07 45%  
C\*07:02/50 20%  
C\*07:02 20%  
C\*07:02:01 8%  
C\*07:02P 2%  
C\*07:02:01G 5%  
C\*07 100% TOTAL

CTR	INVESTIGATOR NAME	CELL NO.1445 (Hispanic)	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie		*02	*02	*27	*4008	*01	*03	PCR-SSP
16	Askar, Medhat		*02:01:01	*02:06:01	*27:05/13	*40:08	*01:02//01:12//+	*03:04// *03:128//+	PCR-RSSOP, SBT
774	Cecka, J. Mich		*02	*02	*27	*40:02/08	*01	*03	SSP, SSOP
5232	Charlton, Ron		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSO, SSP
4492	Charron, D.		*02		*27	*40:08	*01	*03	PCR-SSO
798	Claas, F.H.J.		*02:01:01	*02:06:01	*27:05:02	*40:08	*01:02:01	*03:04:01	SBT
3632	Colombe, Beth		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSOP, SSP
5130	Costeas, Paul		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04/48	SSP
779	Daniel, Claud		*02		*27	*40:08	*01	*03(Cw10)	PCR-SSP
8052	Del Pozo, Ana		*02	*02	*27	*40:08	*01	*03	PCR-SSO
3766	Dunn, Paul		*02:01+	*02:06+	*27	*40:08	*01	*03:04+	SSO
5214	Eckels/CPMC		*02	*02	*27	*40:08	*01	*03(Cw10)	SSOP
4251	Ellis, Thomas		*02:01:01G	*02:06	*27:05:02G	*40:08	*01:02	*03:04	
762	Fischer&Mayr		*02:01/01L	*02:06	*27:05/13	*40:08	*01:02/25	*03:04	
792	Gandhi, Manis		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	PCR-SSO, SSP
9002	Gideoni_LR		*02		*27	*40	*01	*03	SSOP, SSP
810	Hamdi, Nuha		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSO
4269	Hanau, Daniel		NT						
3808	Hogan, Patric		*02		*27	*40:08	*01	*03	
745	Holman, Richa		*02:01:01	*02:06:01	*27:05	*40:08	*01:02	*03:04	SSO, SSP, SBT
859	Kamoun, Malek		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	PCR-SBT, SSP
4337	Kim, Tai-Gyu		*02:01	*02:06/*126	*27:05/13	*40:08	*01:02/25/44	*03:04/100/101+	SBT
9000	Klein_LR		*02	*02	*27	*40	*01	*03	PCR-SSO
278	Lee, Jar-How		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSP, RVSSOP
6649	Lim, Young Ae		*02		*27	*40(B61)	*01	*03	SSP
274	Lo, Raymundo		*02	*02	*27	*40:08			SSO
731	Loewenthal, R		*02:01	*02:06:01	*27:05	*40:08	*01:02	*03:04	SBT, SSO
759	Lopez-Cepero		*02:01/04/07/09+	*02:06/10/21/28+	*27:03/05/13/17+	*40:08	*01:02/07/11/15+	*03:04/06/09/19+	RVSSO
23	Mah, Helen		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSO
8029	Mani, Rama		*02		*27	*40			PCR-SSP
206	McAlack-Hana		*02	*02	*27	*40:08	*01	*03(Cw10)	RVSSOP
8001	Rao, Prakash		*02		*27	*40:08	*01	*03:04	RVSSOP, SSP
3625	Rees, Tracey		*02:01	*02:06	*27:05/13	*40:08	*01	*03:04/100/101+	PCR-SSP, SBT
5200	Reinke, Denni		*02		*27	*40(B61)	*01	*03(Cw10)	SSP
1160	Rosen-Bronso		*02:01	*02:06	*27:05/13	*40:08	*01:02	*03:04	SSP, SBT
793	Rubocki, Ron		*02		*27	*40(B61)	*01	*03(Cw10)	PCR-SSP
3519	Semana, Gilbe		*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SBT, PCR-SSP
5451	Tilanus, Marc		*02:01:01	*02:06:01	*27:05:02	*40:08	*01:02	*03:04:01	SBT
5462	Turner, E.V.		*02:01:01G	*02:06:01	*27:05/13	*40:08	*01:02	*03:04	SEQ, SSO, SSP
5642	Varnavidou-N		*02		*27	*40	*01	*03	PCR-SSP
3186	Watson, Narel		*02		*27	*40			SSP

CTR	INVESTIGATOR NAME	CELL NO.1446 (Caucasian)	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie		*02	*66	*41	*44	*07	*17	PCR-SSP
16	Askar, Medhat		*02:01:01	*66:01	*41:02:01	*44:27:01	*07:04:01/11	*17:01:01/02/03	PCR-RSSOP, SBT
774	Cecka, J. Mich		*02	*66	*41	*44	*07	*17	SSP, SSOP
5232	Charlton, Ron		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	SSO, SSP
4492	Charron, D.		*02	*66	*41	*44	*07	*17	PCR-SSO
798	Claas, F.H.J.		*02:01:01	*66:01	*41:02:01	*44:27	*07:04/11	*17:03	SBT
3632	Colombe, Beth		*02:01	*66:01	*41:02	*44:02	*07:04	*17:03	SSOP, SSP
5130	Costeas, Paul		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	SSP
779	Daniel, Claud		*02	*66	*41	*44	*07	*17	PCR-SSP
8052	Del Pozo, Ana		*02	*66	*41:02/11/13	*44	*07	*17	PCR-SSO
3766	Dunn, Paul		*02	*66	*41:02/11/13	*44	*07:04+	*17	SSO
5214	Eckels/CPMC		*02	*66	*41	*44	*07	*17	SSOP
4251	Ellis, Thomas		*02:01:01G	*66:01	*41:02	*44:27	*07:04:01G	*17:01:01G	
762	Fischer&Mayr		*02:01/01L	*66:01	*41:02	*44:02/02S/19N/27+	*07:04/11	*17:03	
792	Gandhi, Manis		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	PCR-SSO, SSP
9002	Gideoni_LR		*02	*66	*41	*44	*07	*17	SSOP, SSP
810	Hamdi, Nuha		*02:01	*66:01	*41:02	*44:02	*07:04	*17:03	SSO
4269	Hanau, Daniel		NT						
3808	Hogan, Patric		*02	*66	*41	*44	*07	*17	
745	Holman, Richa		*02:01:01	*66:01	*41:02:01	*44:27:01	*07:04	*17:03	SSO, SSP, SBT
859	Kamoun, Malek		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	PCR-SBT, SSP
4337	Kim, Tai-Gyu		*02:01	*66:01/08	*41:02	*44:02/19N/27/66+	*07:04/11	*17:01-03	SBT
9000	Klein_LR		*02	*66	*41	*44	*07	*17	PCR-SSO
278	Lee, Jar-How		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	SSP, RVSSOP
6649	Lim, Young Ae		*02	*66	*41	*44	*07	*17	SSP
274	Lo, Raymundo		*02	*66	*41	*44			SSO
731	Loewenthal, R		*02:01	*66:01	*41:02:01	*44:27:01	*07:04	*17:01	SBT, SSO
759	Lopez-Cepero		*02:01/04/07/09+	*66:01/04/08/09	*41:02/11	*44:02/19N/23N/27+	*07:04/11/63	*17:01-04	RVSSO
23	Mah, Helen		*02:01	*66:01/08	*41:02	*44:02/27	*07:04/11	*17:03	SSO
8029	Mani, Rama		*02	*66	*41	*44			PCR-SSP
206	McAlack-Hana		*02	*66	*41	*44	*07	*17	RVSSOP
8001	Rao, Prakash		*02	*66	*41	*44	*07	*17	RVSSOP, SSP
3625	Rees, Tracey		*02:01	*66:01	*41:02	*44:27	*07:04	*17	PCR-SSP, SBT
5200	Reinke, Denni		*02	*66	*41	*44	*07	*17	SSP
1160	Rosen-Bronso		*02:01	*66:01	*41:02	*44:27	*07	*17	SSP, SBT
793	Rubocki, Ron		*02	*66	*41	*44	*07	*17	PCR-SSP
3519	Semana, Gilbe		*02:01	*66:01	*41:02	*44:27	*07:04	*17:03	SBT, PCR-SSP
5451	Tilanus, Marc		*02:01:01	*66:01	*41:02:01	*44:27:01	*07:04:01	*17:03	SBT
5462	Turner, E.V.		*02:01:01G	*66:01	*41:02:01	*44:27:01	*07:04P	*17:03	SEQ, SSO, SSP
5642	Varnavidou-N		*02	*66	*41	*44	*07	*17	PCR-SSP
3186	Watson, Narel		*02	*66	*41	*44			SSP



CTR	INVESTIGATOR NAME	CELL NO.1447 (Hispanic)	A1	A2	B2	B1	C1	C2	method
8070	Ahn, Jaeie		*02	*02	*35	*4008	*03	*04	PCR-SSP
16	Askar, Medhat		*02:01:01	*02:06:01	*35:01/42	*40:08	*03:04:01	*04:01:01/82	PCR-RSSOP, SBT
774	Cecka, J. Mich		*02	*02	*35	*40:08	*03	*04	SSP, SSOP
5232	Charlton, Ron		*02:01	*02:06	*35:01	*40:08	*03:04	*04:01	SSO, SSP
4492	Charron, D.		*02		*35	*40:08	*03	*04	PCR-SSO
798	Claas, F.H.J.		*02:01:01	*02:06:01	*35:01:01	*40:08	*03:04:01	*04:01:01	SBT
3632	Colombe, Beth		*02:01	*02:06	*35:01	*40:08	*03:04	*04:01	SSOP, SSP
5130	Costeas, Paul		*02:01	*02:06	*35:01	*40:08	*03:04	*04:01	SSP
779	Daniel, Claud		*02		*35	*40:08	*03 (Cw10)	*04	PCR-SSP
8052	Del Pozo, Ana		*02	*02	*35	*40:08/68	*03	*04	PCR-SSO
3766	Dunn, Paul		*02:01+	*02:06+	*35	*40:08	*03:04	*04	SSO
5214	Eckels/CPMC		*02	*02	*35	*40:08	*03 (Cw10)	*04	SSOP
4251	Ellis, Thomas		*02:01:01G	*02:06	*35:01:01G	*40:08	*03:04	*04:01P	
762	Fischer&Mayr		*02:01/01L	*02:06	*35:01	*40:08	*03:04	*04:01/09N/30	
792	Gandhi, Manis		*02:01	*02:06	*35:01	*40:08	*03:04	*04:01	PCR-SSO, SSP
9002	Gideoni_LR		*02		*35	*40	*03	*04	SSOP, SSP
810	Hamdi, Nuha		*02:01	*02:06	*35:01	*40:08	*03:91	*04:01	SSO
4269	Hanau, Daniel		NT						
3808	Hogan, Patric		*02		*35	*40:08	*03	*04	
745	Holman, Richa		*02:01:01	*02:06:01	*35:01/42	*40:08	*03:04:01	*04:01:01	SSO, SSP, SBT
859	Kamoun, Malek		*02:01	*02:06	*35:01/42	*40:08	*03:04	*04:01	PCR-SBT, SSP
4337	Kim, Tai-Gyu		*02:01	*02:06/126	*35:01/40N/42+	*40:08	*03:04/100/101+	*04:01/09N/28/30+	SBT
9000	Klein_LR		*02	*02	*35	*40	*03	*04	PCR-SSO
278	Lee, Jar-How		*02:01	*02:06	*35:01/57	*40:08	*03:04	*04:01	SSP, RVSSOP
6649	Lim, Young Ae		*02		*35	*40 (B61)	*03	*04	SSP
274	Lo, Raymundo		*02	*02	*35	*40:08			SSO
731	Loewenthal, R		*02:01	*02:06:01	*35:01	*40:08	*03:04/07/28/38	*04:01:01/04/08	SBT, SSO
759	Lopez-Cepero		*02:01/04/07/09+	*02:06/10/21/28+	*35:01/05/07+	*40:08	*03:04/06/07/09+	*04:01/04/05/07+	RVSSO
23	Mah, Helen		*02:01	*02:06	*35:01/29	*40:08	*03:04	*04:01	SSO
8029	Mani, Rama		*02		*35	*40			PCR-SSP
206	McAlack-Hana		*02	*02	*35	*40:08	*03 (Cw10)	*04	RVSSOP
8001	Rao, Prakash		*02		*35	*40:08	*03:04	*04	RVSSOP, SSP
3625	Rees, Tracey		*02:01	*02:06	*35:01/42	*40:08	*03:04/100/101+	*04	PCR-SSP, SBT
5200	Reinke, Denni		*02		*35	*40 (B61)	*03 (Cw10)	*04	SSP
1160	Rosen-Bronso		*02:01	*02:06	*35:01/42	*40:08	*03:04	*04:01	SSP, SBT
793	Rubocki, Ron		*02		*35	*40 (B61)	*03 (Cw10)	*04	PCR-SSP
3519	Semana, Gilbe		*02:01	*02:06	*35:01	*40:08	*03:04	*04:01	SBT, PCR-SSP
5451	Tilanus, Marc		*02:01:01	*02:06:01	*35:01:01	*40:08	*03:04:01	*04:01:01	SBT
5462	Turner, E.V.		*02:01:01G	*02:06:01	*35:01G	*40:08	*03:04:01G	*04:01:01G	SEQ, SSO, SSP
5642	Varnavidou-N		*02		*35	*40	*03	*04	PCR-SSP
3186	Watson, Narel		*02		*35	*40			SSP

INVESTIGATOR		CELL NO.1448 (Hispanic/Caucasian)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method	
8070	Ahn, Jaeie	*02	*24	*39	*41	*07	*17	PCR-SSP	
16	Askar, Medhat	*02:01:01	*24:02	*39:24:01	*41:01	*07:01:01/18	*17:01:01/02/03	PCR-RSSOP, SBT	
774	Cecka, J. Mich	*02	*24	*39	*41	*07	*17	SSP, SSP	
5232	Charlton, Ron	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	SSO, SSP	
4492	Charron, D.	*02	*24	*39:24	*41	*07	*17	PCR-SSO	
798	Claas, F.H.J.	*02:01:01	*24:02	*39:24	*41:01	*07:01	*17:01:01	SBT	
3632	Colombe, Beth	*02:01	*24:02	*39:24	*41:16	*07:01	*17:01	SSOP, SSP	
5130	Costeas, Paul	*02:01	*24:02/97	*39:03/24	*41:01	*07:01/55N	*17:01	SSP	
779	Daniel, Claud	*02	*24	*39	*41	*07	*17	PCR-SSP	
8052	Del Pozo, Ana	*02	*24	*39:24/28	*41:01/07/14	*07	*17	PCR-SSO	
3766	Dunn, Paul	*02	*24	*39:24/28	*41:01/07/14	*07	*17	SSO	
5214	Eckels/CPMC	*02	*24	*39	*41	*07	*17	SSOP	
4251	Ellis, Thomas	*02:01	*24:02	*39:24	*41:01	*07:01:01G	*17:01:01G		
762	Fischer&Mayr	*02:01/01L	*24:02	*39:24	*41:01	*07:01/06/18+	*17:01-03		
792	Gandhi, Manis	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	PCR-SSO, SSP	
9002	Gideoni_LR	*02	*24	*39	*41	*07	*17	SSOP, SSP	
810	Hamdi, Nuha	*02:01	*24:02	*39:24	*41:01	*07:94	*17:01	SSO	
4269	Hanau, Daniel	NT							
3808	Hogan, Patric	*02	*24	*39	*41	*07	*17		
745	Holman, Richa	*02:01	*24:02	*39:24:01	*41:01	*07:01:01	*17:01:01	SSO, SSP, SBT	
859	Kamoun, Malek	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	PCR-SBT, SSP	
4337	Kim, Tai-Gyu	*02:01	*24:02/09N/11N/40N+	*39:24	*41:01	*07:01/18/52+	*17:01-03	SBT	
9000	Klein_LR	*02	*24	*39	*41	*07	*17	PCR-SSO	
278	Lee, Jar-How	*02:01	*24:02	*39:24	*41:01	*07:01	*17:01	SSP, RVSSOP	
6649	Lim, Young Ae	*02	*24	*39	*41	*07	*17	SSP	
274	Lo, Raymundo	*02	*24	*39	*40			SSO	
731	Loewenthal, R	*02	*24:02	*39:24	*41:01	*07:01	*17:01	SBT, SSO	
759	Lopez-Cepero	*02:01/04/07/09/12+	*24:02/03/09N/11N+	*39:24/28	*41:01/07	*07:01/06/16+	*17:01-04	RVSSO	
23	Mah, Helen	*02:01	*24:02	*39:24	*41:01	*07	*17:01	SSO	
8029	Mani, Rama	*02	*24	*39	*41			PCR-SSP	
206	McAlack-Hana	*02	*24	*39	*41	*07	*17	RVSSOP	
8001	Rao, Prakash	*02	*24	*39	*41	*07	*17	RVSSOP, SSP	
3625	Rees, Tracey	*02:01	*24:02	*39:24	*41:01	*07:01	*17	PCR-SSP, SBT	
5200	Reinke, Denni	*02	*24	*39	*41	*07	*17	SSP	
1160	Rosen-Bronso	*02	*24	*39:24	*41:01	*07	*17	SSP, SBT	
793	Rubocki, Ron	*02	*24	*39	*41	*07	*17	PCR-SSP	
3519	Semana, Gilbe	*02:01	*24:01	*39:03	*41:01	*07:01	*17:01	SBT, PCR-SSP	
5451	Tilanus, Marc	*02:01:01	*24:02:01	*39:24:01	*41:01	*07:01:01	*17:01:01	SBT	
5462	Turner, E.V.	*02:01:01G	*24:02P	*39:24:01	*41:01	*07:01:01	*17:01:01	SEQ, SSO, SSP	
5642	Varnavidou-N	*02	*24	*39	*41	*07	*17	PCR-SSP	
3186	Watson, Narel	*02	*24	*39	*41			SSP	

## SUMMARY

<p>Cell 1445 (Hispanic) <u>40 labs</u></p> <p>A*02 53% A*02:01 32% A*02:01:01 10% A*02:01:01G 5% A*02 100% TOTAL</p> <p>A*02 53% A*02:06 32% A*02:06:01 15% A*02 100% TOTAL</p> <p><u>40 labs</u></p> <p>B*27 50% B*27:05/13 15% B*27:05 28% B*27:05:02 5% B*27:05:02G 2% B*27 100% TOTAL</p> <p>B*40 23% B*40:08 75% B*4008 2% B*40 100% TOTAL</p> <p><u>37 labs</u></p> <p>C*01 54% C*01:02 43% C*01:02:01 3% C*01 100% TOTAL</p> <p>C*03 51% C*03:04 43% C*03:04:01 6% C*03 100% TOTAL</p>	<p>Cell 1446 (Caucasian) <u>40 labs</u></p> <p>A*02 52% A*02:01 33% A*02:01:01 10% A*02:01:01G 5% A*02 100% TOTAL</p> <p>A*66 54% A*66:01 46% A*66 100% TOTAL</p> <p><u>40 labs</u></p> <p>B*41 50% B*41:02 35% B*41:02:01 15% B*41 100% TOTAL</p> <p>B*44 58% B*44:02 5% B*44:27 25% B*44:27:01 12% B*44 100% TOTAL</p> <p><u>37 labs</u></p> <p>C*07 51% C*07:04/11 10% C*07:04 30% C*07:04:01 3% C*07:04P 3% C*07:04:01G 3% C*07 100% TOTAL</p> <p>C*17 57% C*17:01 3% C*17:03 37% C*17:01:01G 3% C*17 100% TOTAL</p>	<p>Cell 1447 (Hispanic) <u>40 labs</u></p> <p>A*02 53% A*02:01 32% A*02:01:01 10% A*02:01:01G 5% A*02 100% TOTAL</p> <p>A*02 53% A*02:06 32% A*02:06:01 15% A*02 100% TOTAL</p> <p><u>40 labs</u></p> <p>B*35 58% B*35:01/42 13% B*35:01 20% B*35:01:01 5% B*35:01G 2% B*35:01:01G 2% B*35 100% TOTAL</p> <p>B*40 23% B*40:08 75% B*4008 2% B*40 100% TOTAL</p> <p><u>37 labs</u></p> <p>C*03 49% C*03:04 35% C*03:04:01 10% C*03:04:01G 3% C*03:91 3% C*03 100% TOTAL</p> <p>C*04 59% C*04:01 27% C*04:01:01 8% C*04:01P 3% C*04:01:01G 3% C*04 100% TOTAL</p>	<p>Cell 1448 (Hispanic/Caucasian) <u>40 labs</u></p> <p>A*02 58% A*02:01 33% A*02:01:01 7% A*02:01:01G 2% A*02 100% TOTAL</p> <p>A*24 58% A*24:02 38% A*24:02:01 2% A*24:02P 2% A*24 100% TOTAL</p> <p><u>40 labs</u></p> <p>B*39 43% B*39:24/28 7% B*39:03 2% B*39:24 38% B*39:24:01 10% B*39 100% TOTAL</p> <p>B*41 48% B*41:01 48% B*41:16 2% B*41 98% TOTAL</p> <p><u>37 labs</u></p> <p>C*07 62% C*07:01 24% C*07:01:01 8% C*07:01:01G 3% C*07:94 3% C*07 100% TOTAL</p> <p>C*17 59% C*17:01 27% C*17:01:01 11% C*17:01:01G 3% C*17 100% TOTAL</p>
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INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1445 *****						***** CELL NO.1446 *****						***** CELL NO.1447 *****						***** CELL NO.1448 *****												
		(HISP)						(CAUC)						(HISP)						(MIXD)												
INVESTIGATOR	V	A	B	B	C	C	B	B	A	A	B	B	C	C	B	B	A	A	B	B	C	C	B	B	A	A	B	B	C	C	B	B
DAYS	I	B	2	2	4	W	W	W	B	2	6	4	4	W	W	W	B	2	3	4	W	W	W	B	2	2	3	4	W	W	W	
NAME	OLD	%	7	0	1	3	4	6	%	6	1	4	7	1	4	6	%	5	0	3	4	6	OTHERS	%	4	9	1	7	1	6	OTHERS	
			X										7					X														
Alonso, Anton	7	90	+	+61	+	+			90	+	+	+	+	+			90	+	+61	+	+			90	+	+	+	+	+			
Alvarez, Carr	3	90	+	+				B12	90	+	+	+			+	A26	90	+	+					90	+	+	+	+			+	
Askar, Medhat	3	90	+	+40	+	+	+	B40V	95	+01	+	+	+	+	+		95	+	+40	+	+		B40V	95	+	+	+	+		+		
Cecka, J. Mich	2	95	+	+61					95	+	+	+	+				95	+	+61					95	+	+	+	+			+	
Chan MD, Soh	4	90	+	+08	+	+	+		90	+	+	+	+	+	+		90	+	+48		+		CW8	90	+	+	+	+	+	+	+	
Charron, D. P	4	95	+	+40				B37	98	+	+	+	+				95	+	+40					95	+	+	+	+			+	
Claas, F.H.J.	3	90	+	+40	+	+	+	+	90	+	+	+	+		+		90	+	+40	+	+			90	+	+	+	+		+		
Dunk, Arthur	2	98	+	+40	+	+	+	+	98	+01	+	+	+	+	+		98	+	+40	+	+			98	+	+	+	+	+	+	+	
Dunn, Paul Dr	6	99	+	+					99	+	+	+			+	A26	99	+	+					97	+	+	+	+			+	
Enczmann, J.	6	98	+	+61					98	+	+	+	+		+		98	+	+61					98	+	+	+	+			+	
Esteves Kond	3	98	+	+40	+	+	+	B40V	98	+	+	+	+	+	+		98	+	+40	+	+		B40V	98	+	+	+	+	+	+	+	
Fort, Marylis	3	95	+	+08					98	+	+	+	+				95	+	+08					95	+	+	+	+			+	
Gideon, Osna	5	100	+	+61	+	+	+	+	100	+	+	+	+	+	+		100	+	+61	+	+	+		100	+	+	+	+	+	+	+	
Gottwald, Hes	6	93	+	+61	+	+			95	+	+	+	+	+			95	+	+61	+	+			95	+	+	+	+	+		+	
Hahn, Amy B.	7	97	+	+60	+W9	+	+	A74, A68	99	+01	+	+	+	+	+		99	+	+10	+				C								
Harville, Ter	2	98	+	+08	+10	+	+	B40V	98	+	+	+	+	+	+		98	+	+0810	+	+		BW4	98	+	+	+	+	+	+	+	
Hirankarn MD	6	94	+	+40				A28, B40V	97	+	+	+	+		+	A26	91	+	+40				B40V	95	+	+	+	+			+	
Hogan, Patric	10	50	+	+40	+	+	+	+	50	+	+	+	+	+	+		50	+	+40	+	+			60	+	+	+	+	+	+	+	
Holdsworth, R	8	97	+	+40	+	+	+	+	95	+	+	+	+	+	+		95	+	+40	+	+			95	+	+	+	+	+	+	+	
Holman, Richa	3	98	+	+40					98	+	+	+	+				98	+	+40					98	+	+	+	+			+	
Hubbell, Char	3	95	+	+40			+	+	95	+01	+	+		+	+		95	+	+			+		95	+	+	+	+			+	
Keown, Paul M	3	98	+	+	+	+	+	+	98	+10	+	+		+	+		98	+	+			+		98	+	+	+	+			+	
Klein, Tirza	7	90	+	+61	+	+	+	+	90	+	+	+	+	+	+		90	+	+61	+	+	+		85	+	+	+	+	+	+	+	
Kvam, Vonnett	3	90	+	+08	+	+	+	+	97	+01	+	+	+	+	+		97	+	+08	+	+	+		98	+	+	+	+	+	+	+	
Lardy, N.M. D	6	90	+	+40	+	+	+	B40V	90	+	+	+	+	+	+		90	+	+40	+	+	+	B40V	90	+	+	+	+	+	+	+	
Loewenthal M	6	90	+	+40	+	+	+	+	90	+	+	+	+	+	+		90	+	+40	+	+	+		90	+	+	+	+	+	+	+	
Maeda, Lisa	2	100	+	+40	+	+	+	+	100	+	+	+	+	+	+		100	+	+40	+	+	+	BW4	100	+	+	+	+	+	+	+	
Mah, Helen	2	98	+	+40	+	+	+	B40V	98	+01	+	+	+	+	+		98	+	+40	+	+	+	B40V	98	+	+	+	+	+	+	+	
McAlack-Hana	2	98	+	+08	+10	+	+		98	+	+	+	+	+	+		98	+	+0810	+	+			98	+	+	+	+	+	+	+	
McCluskey, Ja	17	75	+	+48	+	+	+	+	80	+	+	+	+	+	+		50	+	+48	+	+	+		75	+	+	+	+	+	+	+	
Meyer, Pieter	17	80	+	+	+	+		A68, B44	80	+	+	+	+	+	+		80	+	+	+	+			80	+	+	+	+	+	+	+	
Mpuntscha, Loy	6	90	+	+				A28, B81	90	+	+	+		+	A26	90	+	+			+		A28	90	+	+	+	+			BW4	
Norin, Allen	2	98	+	+61	+	+	+	B37, A68	99	+	+	+	+		+		99	+	+48	+	+	+	B61	98	+	+	+	+			+	
Pancoska, Car	2	97	+	+61	+10	+	+	B61V	98	+01	+	+	+	+	+		97	+	+6110	+	+		B61V	98	+	+	+	+	+	+	+	
Permpikul, Ve	8	80	+	+61			+	+	80	+	+	+	+	+	+		NT							80	+	+	+	+			+	
Pollack, Mari	2	99	+	+48	+	+	+	X60	99	+	+	+	+	+	+		99	+	+61	+	+	+		99	+	+	+	+	+	+	+	
Rees, Tracey	6	80	+	+08	+	+	+	+	85	+	+	+	+	+	+		80	+	+08	+	+	+		80	+	+	+	+	+	+	+	
Rosen-Bronso	2	85	+	+61	+	+			90	+	+	+	+	+			90	+	+6110	+				90	+	+	+	+			+	
Rubocki, Rona	2	99	+	+40	+	+	+	+	99	+	+	+	+	+	+		99	+	+40	+	+	+		99	+	+	+	+	+	+	+	
Semana MD, Gi	3	95	+	+			+	+	95	+10	+	+		+	+		95	+	+40	+				95	+	+	+	+			+	
Shai, Isaac	10	77		48	+	+		B62, A33	81	+10	+	+	+	+	B50, CW5	84	+	+48	+	+	+	A28	85	+	+	+	+	+		B50, BW4		
Stamm, Luz	3	98	+	+08	+	+	+	+	99	+	+	+	+	+	+		90	+	+08	+	+	+		98	+	+	+	+	+	+	+	
Stavropoulos	2	95	+	+40	+	+	+	+	99	+	+	+	+	+	+		99	+	+61	+	+	+		99	+	+	+	+	+	+	+	
Tilanus, Marc	7	70	+	+			+	+	80	+	+	+	+	+	+		80	+	+			+		80	+	+	+	+			+	
Varnavidou-N	7	95	+	+40			+	+	95	+	+	+	+	+	+		95	+	+40			+		95	+	+	+	+			+	
Vidan-Jeras,	6	95	+	+40			+	+	100	+	+	+	+	+	+		100	+	+40			+		100	+	+	+	+			+	
Walter Reed	2	98	+	+	+	+	+	B81	98	+	+	+	+	+	+		98	+	+10	+	+	+	B70	98	+	+	+	+	+	+	+	
Watson, Narel	10	80	+	+40			+	+	80	+10	+	+		+	+		70	+	+40			+		80	+	+A9	+	+			+	
Wisecarver M	6	98	+	+40			+	+	98	+	+	+	+	+	+		98	+	+40			+		98	+	+	+	+			+	

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

(HISP)  
 \*\*\*\* CELL 1445 \*\*\*\*  
 (49 SAMPLES TYPED)  
 A2 98.0%  
 ( 98.0%)  
  
 B27 98.0%  
  
 B40X 0.0%  
 B60 2.0%  
 B61 20.4%  
 B48 6.1%  
 4008 14.3%  
 B40 40.8%  
 ( 83.7%)  
  
 CW1 63.3%  
  
 CW3 55.1%  
 CW9 2.0%  
 CW10 6.1%  
 ( 63.3%)  
  
 BW4 85.7%  
  
 BW6 87.8%

(OTHERS FOUND)  
 B40V 12.2%  
 A68 6.1%  
 A28 4.1%  
 B81 4.1%  
 B37 4.1%  
 A30 2.0%  
 A33 2.0%  
 B62 2.0%  
 B44 2.0%  
 B12 2.0%  
 X60 2.0%  
 A74 2.0%  
 B61V 2.0%

(CAUC)  
 \*\*\*\* CELL 1446 \*\*\*\*  
 (49 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A66 71.4%  
 6601 14.3%  
 A10 8.2%  
 ( 93.9%)  
  
 B41 98.0%  
  
 B44 100.0%  
 (100.0%)  
  
 CW7 55.1%  
  
 CW17 46.9%  
 ( 46.9%)  
  
 BW4 87.8%  
  
 BW6 87.8%

(OTHERS FOUND)  
 A26 8.2%  
 CW5 2.0%  
 B50 2.0%

(HISP)  
 \*\*\*\* CELL 1447 \*\*\*\*  
 (48 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 B35 100.0%  
  
 B40X 0.0%  
 B61 20.8%  
 B48 8.3%  
 4008 12.5%  
 B40 39.6%  
 ( 81.3%)  
  
 CW3 50.0%  
 CW10 12.5%  
 ( 62.5%)  
  
 CW4 62.5%  
  
 BW6 87.5%

(OTHERS FOUND)  
 B40V 10.4%  
 A28 4.2%  
 BW4 4.2%  
 B70 2.1%  
 CW8 2.1%  
 B61 2.1%  
 B61V 2.1%

(MIXD)  
 \*\*\*\* CELL 1448 \*\*\*\*  
 (48 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A24 97.9%  
 A9 2.1%  
 (100.0%)  
  
 B39 100.0%  
 (100.0%)  
  
 B41 97.9%  
  
 CW7 54.2%  
  
 CW17 50.0%  
 ( 50.0%)  
  
 BW6 87.5%

(OTHERS FOUND)  
 BW4 4.2%  
 B50 2.1%