

REPORT OF THE 359th CELL EXCHANGE

AUGUST 3, 2011

B-cell Line	457-460
Serum	1057-1064
DNA Extract	521-524
Cells	1433-1436

B-cell line Exchange

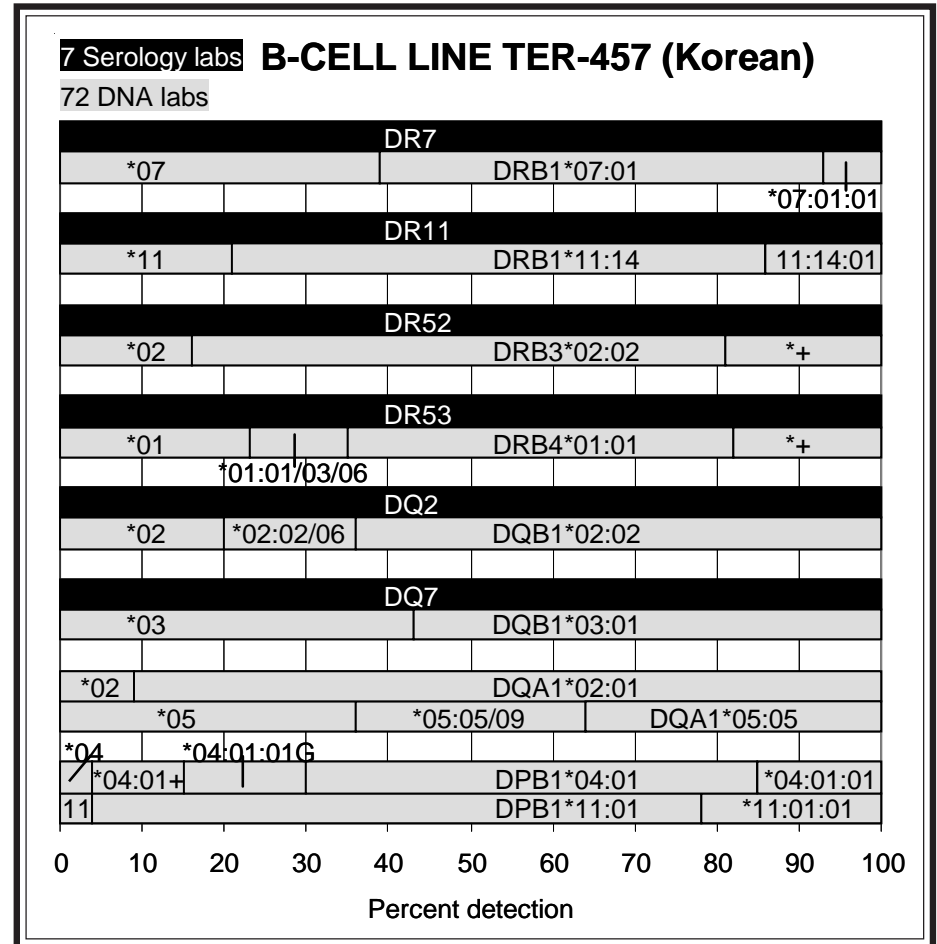
TER-457. The rare DRB1*11:14 was detected by 79%, with 14% assigning DRB1*11:14:01, in this retyping of this Korean cell. It was previously typed as TER-364 (2005), as correctly identified by Hahn, Lopez-Cepero, Stamm, and Tiercy. A reference DRB1*11:14 cell, 12762, was also typed in the Cell Exchange as TER-289 (2001) and TER-349 (2003).

This donor was well typed as DR7, DR11, DR52, DR53, DQ2, and DQ7.

The common DRB1*07:01-DRB4*01:01-DQB1*02:02-DQA1*02:01 and DRB1*11:14-DRB3*02:02-DQB1*03:01-DQA1*05:05 were the probable haplotypes. The same DRB1*11:14 haplotype was also found in the reference cell, 12762.

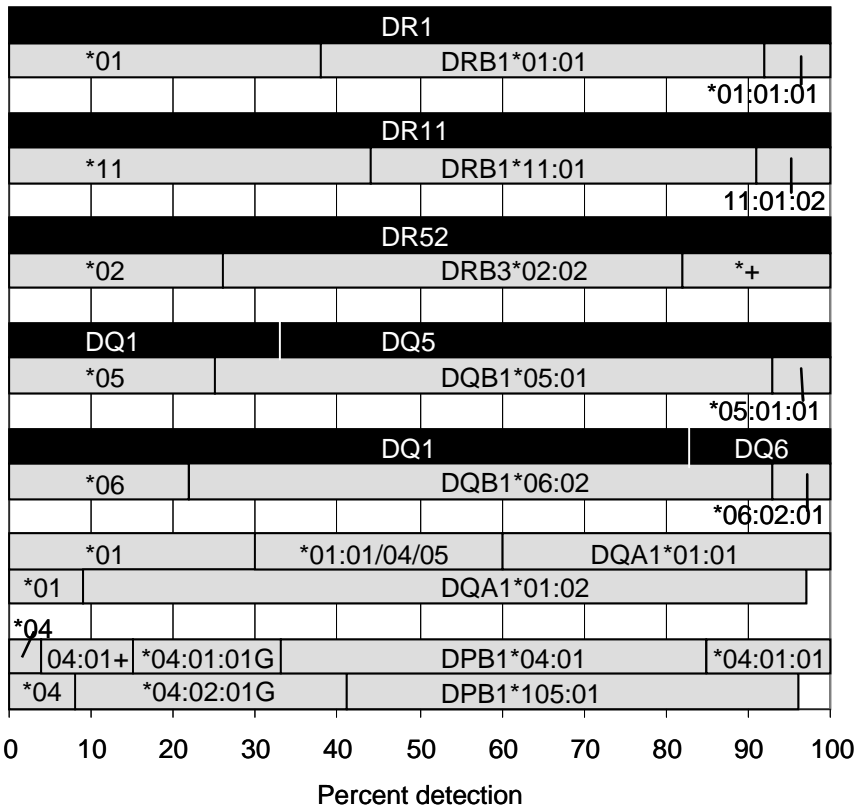
DPA1*01:03 and DPA1*02:01 were reported by Charron, Eckels, Jaatinen, and J.Lee.

DPB1*04:01 (70%) and DPB1*11:01 (96%) were assigned. Four labs did not resolve between DPB1*04:01 and DPB1*126:01 (formerly DPB1*0602); therefore, DPB1*04:01:01G was denoted. 'DPB1*04:01+' included labs that assigned other possibilities, including DPB1*120:01N and DPB1*128:01.



6 Serology labs B-CELL LINE TER-458 (Black)

72 DNA labs



TER-458. This cell from a Black individual was typed nearly 20 years ago, as TER-119 in 1993.

In this present retyping, DR1 and DR11 were reaffirmed as the common DRB1*01:01 (62%) and DRB1*11:01 (56%), respectively.

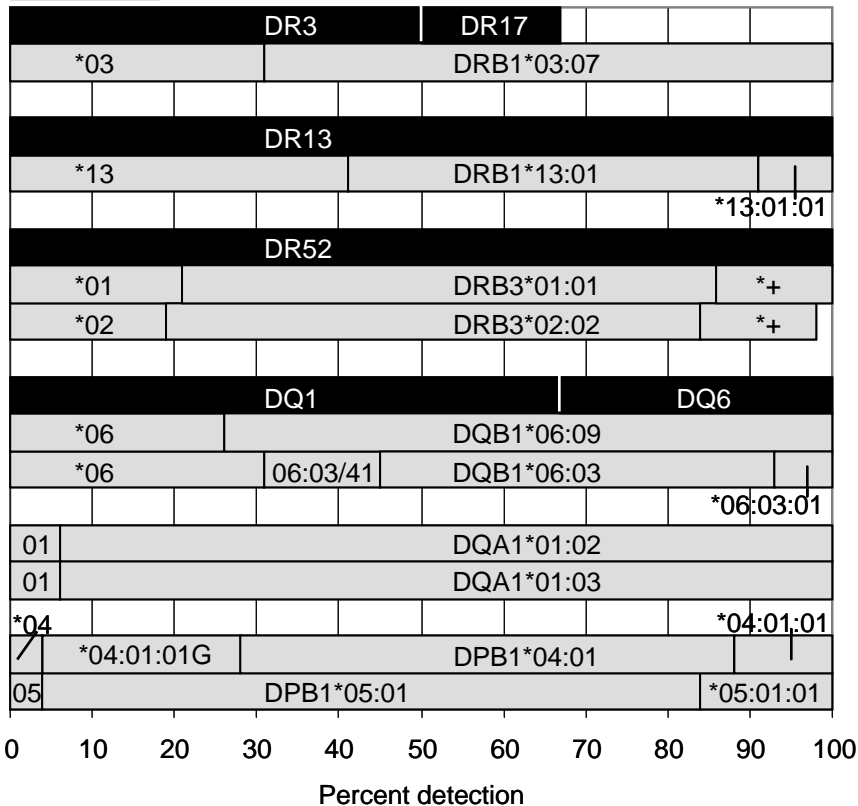
The probable associations were DRB1*01:01-DQB1*05:01-DQA1*01:01, found in all ethnic groups, and DRB1*11:01-DRB3*02:02-DQB1*06:02-DQA1*01:02, predominantly found in Black populations. DRB1*11:01 is usually found in association with either DQB1*03:01 or DQB1*06:02 in Blacks.

DPA1*01:03 and DPA1*03:01 were assigned by Charron, Eckels, Jaatinen, and J.Lee.

DPB1*04:01 (67%) was one DPB1 allele. For the second DPB1 type, DPB1*105:01 was assigned by 55%. Nine labs did not resolve between DPB1*04:02 and DPB1*105:01; 33% of the final assignments was denoted as DPB1*04:02:01G.

6 Serology labs B-CELL LINE TER-459 (Caucasian)

68 DNA labs



TER-459. This Caucasian cell with the rare DRB1*03:07 was SCL-116A, typed in the workshops as IHW#9465. Ellis et al. (1) described the DRB1*03 allele, "In the region covering codons 1-102, the new allele, DRB1*0307, differs from DRB1*03011 at codon 26, TTC versus TAC found in DRB1*03011, resulting in a predicted amino acid change from tyrosine to phenylalanine." This was the first time that DRB1*03:07 was typed in the Cell Exchange.

DRB1*03:07 was detected by 69%. DR3 was assigned by 50% and DR17 by 17%. For this allele, the HLA dictionary listed only one NMDP cell typed as DR3; the Neural Network data predicted that the serologic expression would be DR17.

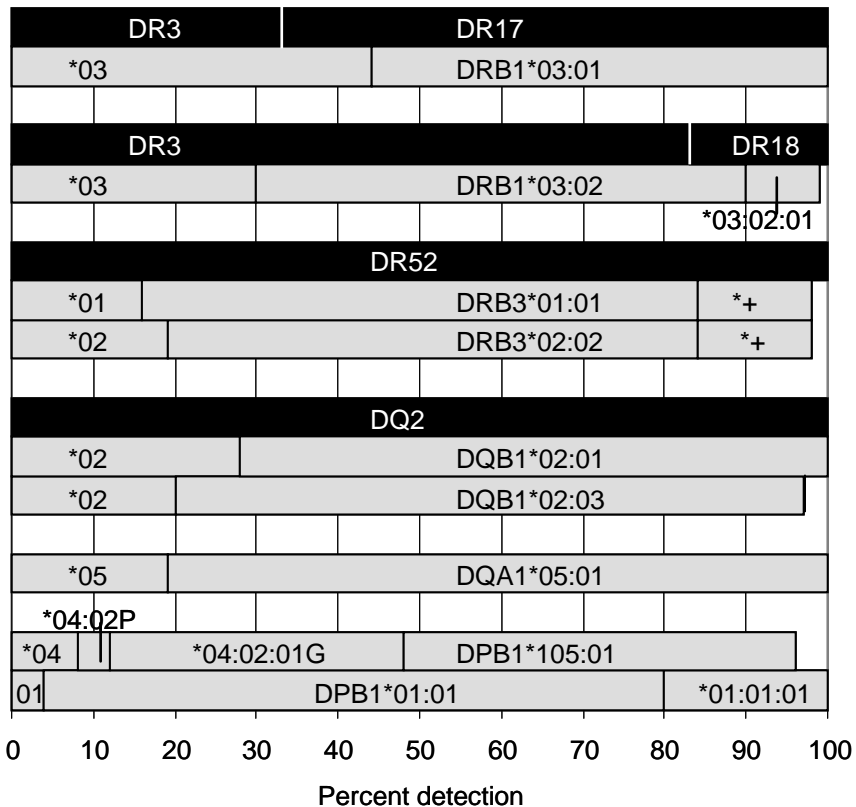
One haplotype may be DRB1*03:07-DRB3*02:02-DQB1*06:03-DQA1*01:02. Based upon common associations, Ellis et al. said that DRB1*03:07 would be found in association with DRB3*02:02 and DQB1*06:03. The other haplotype in this cell may be DRB1*13:01-DRB3*01:01-DQB1*06:09-DQA1*01:03. The NMDP Bioinformatics data indicate that DRB1*13:01-DQB1*06:09 (freq=0.00008) has been found in Caucasians, but at a much lower rate than the commonly found DRB1*13:01-DQB1*06:03 (freq=0.05801). DQB1*06:09 have been typed in a number of DRB1*13:02 and DRB1*13:36 exchange cells, but not in DRB1*13:01 cells so far.

DPA*01:03 and DPA1*02:01 were assigned by Charron, Eckels, and J.Lee.

DPB1*04:01 (69%) and DPB1*05:01 (97%) were reported.

6 Serology labs B-CELL LINE TER-460 (Black)

68 DNA labs



TER-460. This Black donor was initially typed 20 years ago, as TER-75 (1991) and retyped as TER-141 in 1994, as correctly noted by Lopez-Cepero. It was included in this present study to serve as a DRB1*03:01 standard to compare with the rare DRB1*03:07.

In this present retyping, DR17 (67%) and DR18 (17%) were confirmed as DRB1*03:01 (56%) and DRB1*03:02 (69%), respectively.

The probable associations were DRB1*03:01-DRB3*01:01-DQB1*02:01-DQA1*05:01, commonly found in all populations, and DRB1*03:02-DRB3*02:02-DQB1*02:03-DQA1*05:01. DRB1*03:02 is commonly found in association with DQB1*04:02 in Blacks.

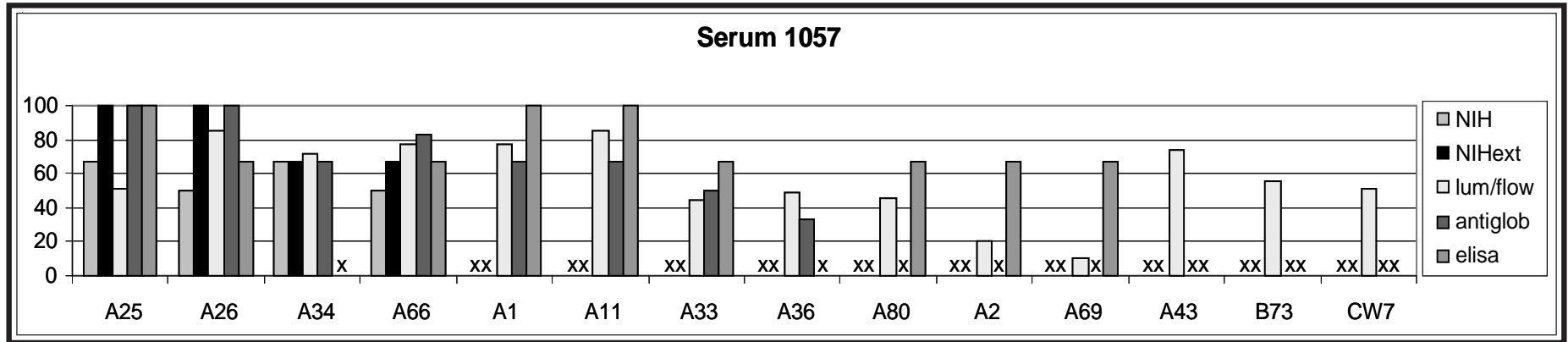
DPA1*02:02 and DPA1*03:01 were reported by Charron, Eckels, and J.Lee.

DPB1*01:01 (96%) was one DPB1 allele. For the second DPB1 type, DPB1*105:01 was assigned by 46%. Ten labs did not resolve between DPB1*04:02 and DPB1*105:01; this was denoted as DPB1*04:02:01G by 38% and DPB1*04:02P by 4%.

Serum Exchange

One study (**sera 1057-1060**) examined antibodies positive to A10 specificities, including A25, A26, A34, and A66. Threonine at position 149 is unique for A10 specificities.

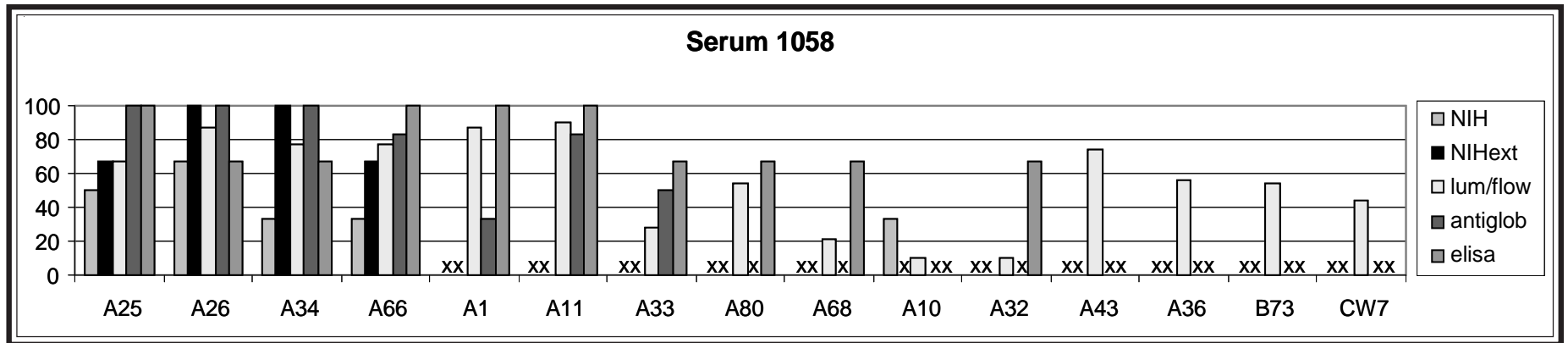
The second study (**sera 1061-1064**) featured sera reactive to the 12CREG specificities, including B12 (B44, B45), B21 (B49, B50), B40 (B60, B61), B13, B41, and B47.

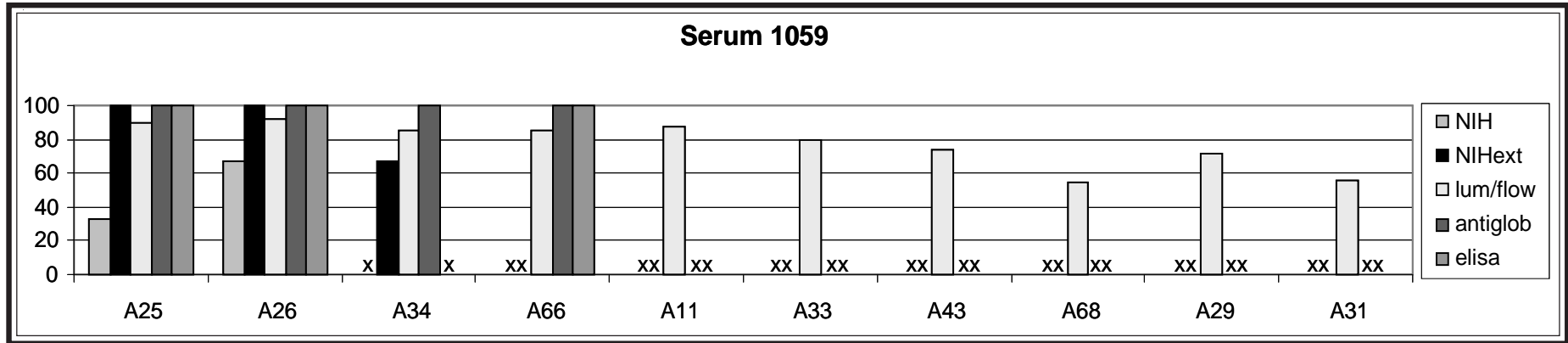


Sera 1057-1060 were reactive to A25 and A26 by all methods, with the exception of labs using NIH methods not detecting anti-A25 reactivity for serum 1060. Of the 4 serum samples, only serum 1058 was positive to all the A10 specificities by all methods.

The reactivity patterns for **sera 1057 and 1058** were similar, being positive to the A10 specificities by all methods, except that ELISA labs did not detect

A34 in serum 1057. Antiglobulin, Luminex, flow, and ELISA labs reported additional reactivity to A1, A11, and A33. For both sera, Luminex and flow also reported strong anti-A43 reactivity and weaker reactivity to A36, A80, B73, and Cw7. ELISA labs reported reactivity to A80, A28, and A32 for both sera and to A2 for serum 1057.

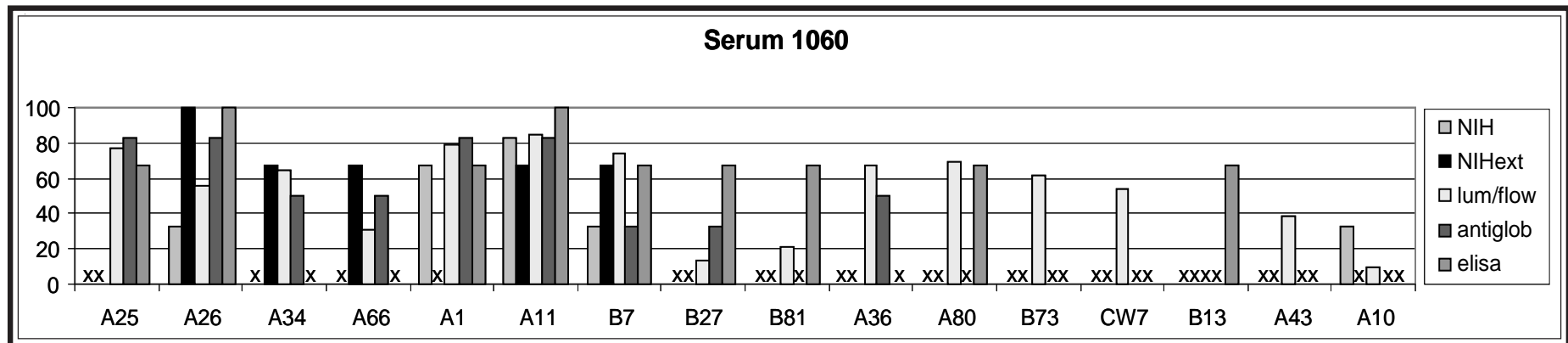




Serum 1059 demonstrated more varied reactivity to A34 and A66, depending upon which method was used. Labs using Luminex and flow detected additional reactivity to A11, A33, A43, A68, A29, and A31.

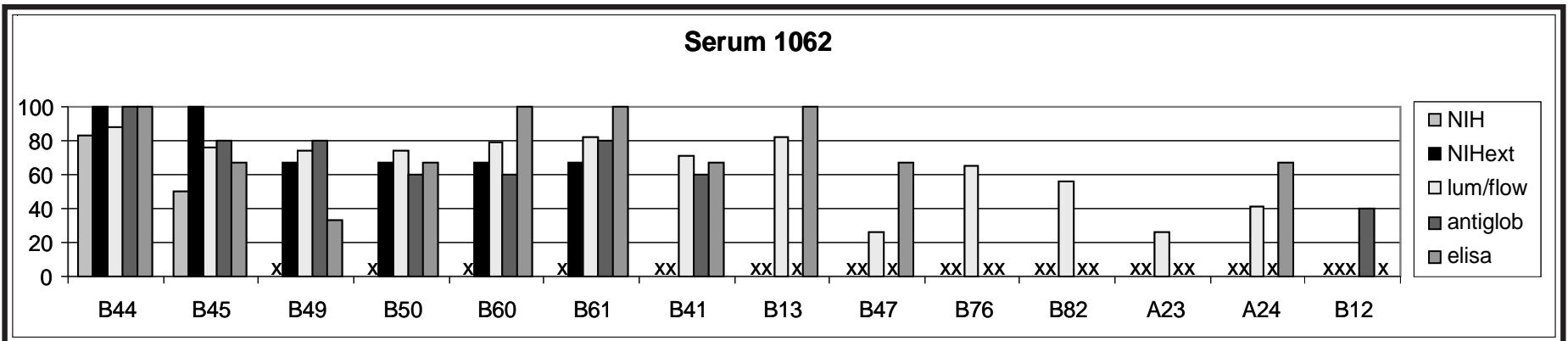
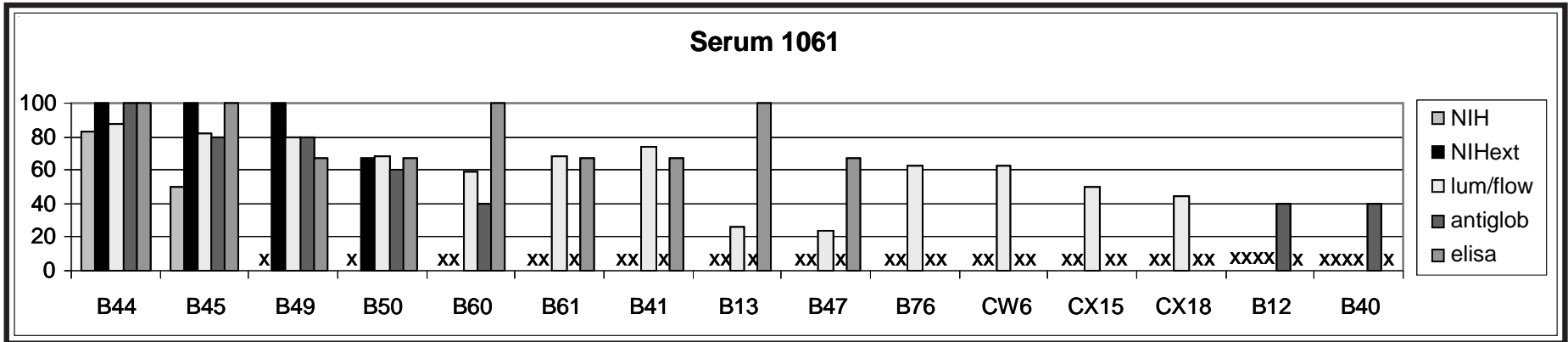
labs did not detect A25. Strong anti-A1 and -A11 reactivity was reported by all methods, with the exception of the labs using extended NIH not detecting A1. Extended NIH, Luminex, flow, and antiglobulin labs also detected anti-A34 and -A66 reactivity. Reactivity to B7 was reported by all methods.

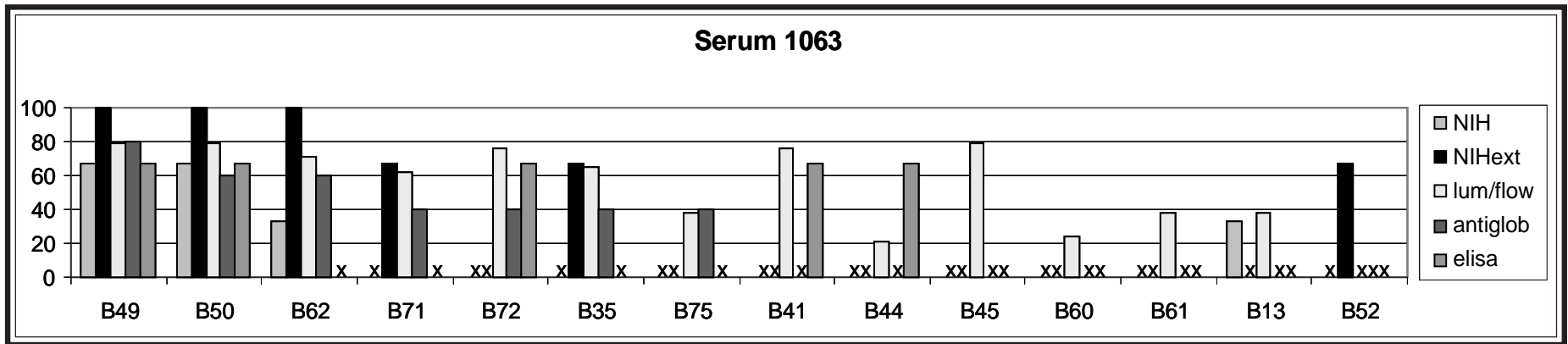
Serum 1060 reacted as a stronger antibody for A26 than for A25; NIH



Serum 1061 was strongly positive to B12 and B21 by all methods, with the exception that labs using standard NIH did not detect anti-B21 reactivity. Luminex, flow, antiglobulin, and ELISA labs also reported reactivity to the B40 specificities. Additional reactivity to B41, B13, and B47 were detected by Luminex, flow, and ELISA; reactivity to B76 and various C-locus specificities were reported by Luminex and flow labs.

Serum 1062 was positive to B12, B21, and B40 by all methods, with the exception that labs using standard NIH did not report B21 and B40 specificities. B41 was also detected by Luminex, flow, antiglobulin, and ELISA. Reactivity to B13, B47, and A9 was reported by Luminex, flow and ELISA. Luminex and flow also detected B76 and B82.

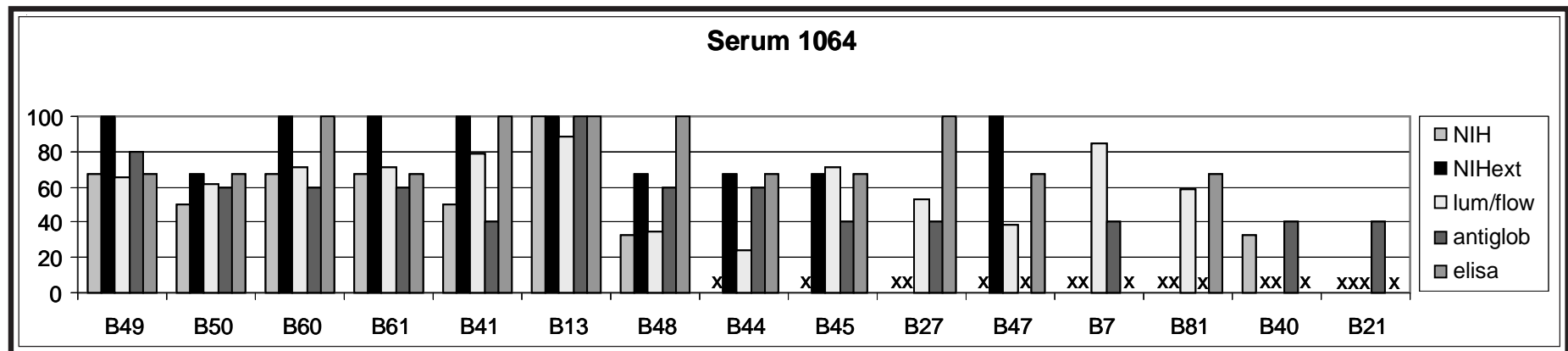




Serum 1063 was determined to be a strong antibody for B21, but a weaker antibody for B12 and B40 specificities. Luminex, flow, and ELISA reported B41. Additional reactivity to other B-locus specificities, including B35, B62, B70, B75, and B52, was detected. The overall reactivity pattern was similar to that of serum 996 (2009).

methods, with the exception that standard NIH labs did not detect B44 and B45. Overall, the anti-B12 reactivity of this sample was weaker than the reactivity determined for both sera 1061 and 1062, but much stronger than the anti-B12 reactivity for serum 1063. Varied reactivity to B7, B81, B27, and B47 was also reported.

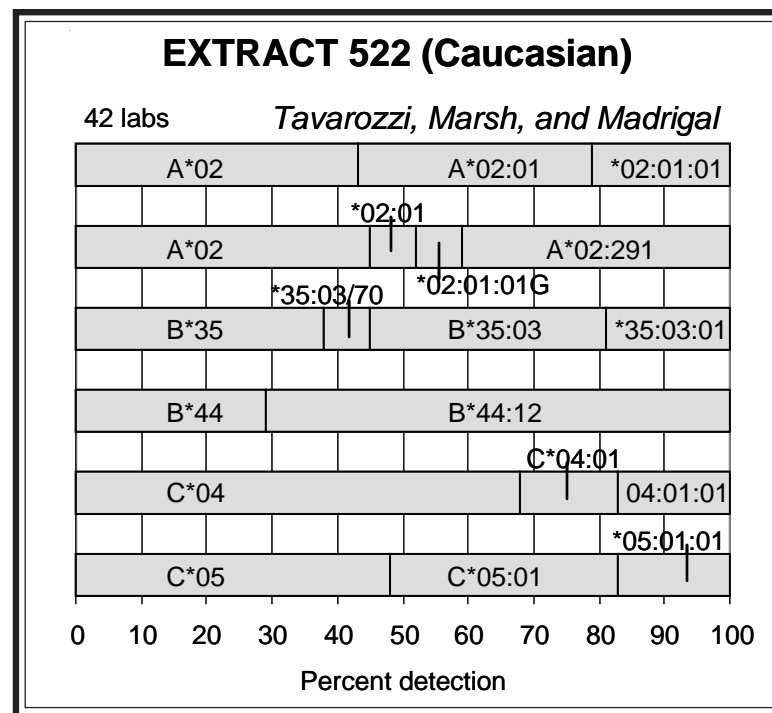
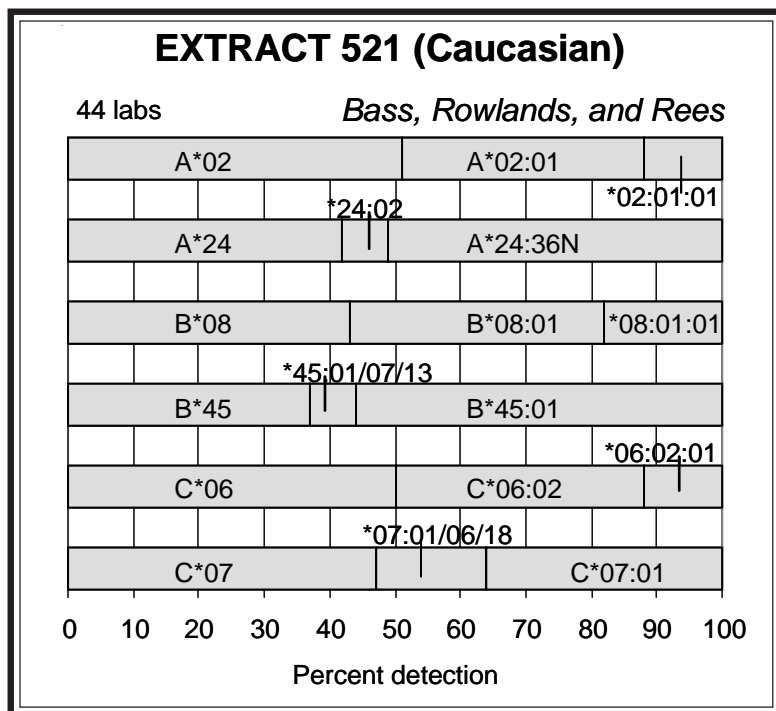
Serum 1064 was positive to B12, B21, B40, B41, B13, and B48 by all



Extract Exchange

We wish to acknowledge the generosity of **Helen Bass, Jane Rowlands, and Tracey Rees, Welsh Blood Service, Pontyclun, and Franco Tavarozzi, Steve Marsh, and Alejandro Madrigal, Anthony Nolan Research Institute, The Royal Free Hospital, London**, in sharing invaluable cells with rare alleles.

This month's study featured reference cells for a number of alleles, including A*02:10, the recently recognized A*02:291, A*24:36N which was typed for the first time in the Cell Exchange, and B*44:12. In addition, the rare B*39:24 was re-examined.



Extract 521. This cell from a Caucasian donor was 45188, one of 2 reference cells for A*24:36N. Li et al. (2) described the null allele, "Sequencing of the A*24 gene...revealed a deletion of two nucleotides (g,g) at positions 180 and 181 in exon 2. This deletion of these two nucleotides results in a frameshift as well as in a premature stop codon (tga)." Other than the 2 deletions, the sequence is identical to that of A*24:02. The other A*24:36N reference cell, 022659718, was also from a Caucasian individual.

A*24:36N was detected by 52%. A*24:02 was misassigned by 7%.

A*02:01 (48%) was the second A-locus type.

B*08:01 (56%) and B*45:01 (54%) were the B-locus alleles.

Extract 522. This Caucasian cell was MOV002AN, which serves as the reference cell for B*44:12. When it was previously typed in the Cell Exchange

as extracts 201 (2002), 274 (2004), and 497 (2010), as correctly identified by Sutton, a number of labs noted a new variant of A*02.

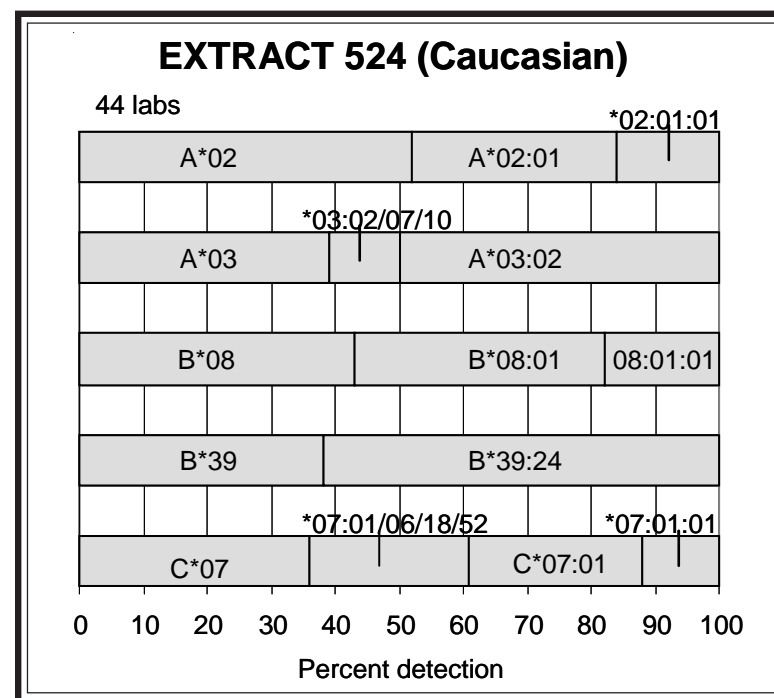
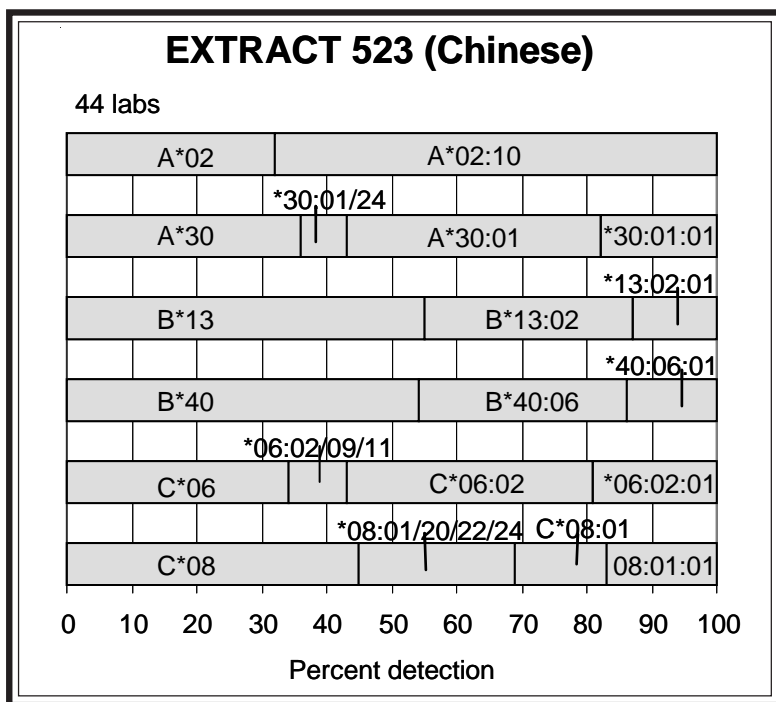
In the 2010 typing, 14 labs agreed that, in addition to the standard A*02:01, a new A*02 allele was present, with the sequence most similar to A*02:01, except at position 880, exon 4, C->T, resulting in an amino acid change of Leu->Phe (CTC->TTC) at codon 270. This new allele has been formally recognized as A*02:291, as assigned by 40% in this retyping.

A*02:01 was assigned by 56% as the second A-locus allele.

The rare B*44:12 was detected by 70%.

B*35:03 was assigned by 53%, with 14% denoting B*35:03:01.

The probable associations in this cell were B*35:03-C*04:01 and B*44:12-C*05:01.



Extract 523. This Chinese cell was XLI-ND and serves as a reference cell for A*02:10. It has been studied in the workshops as IHW#9220. It was previously typed in the Cell Exchange as extract 341 (2005), as correctly identified by Clark and Sutton.

A*02:10 was assigned by 67%.

This present retyping reaffirmed the high-resolution typing as A*02:10, A*30:01, B*13:02, B*40:06, C*06:02, C*08:01.

One likely haplotype was A*02:10-B*40:06-C*08:01 (HF=0.00093). The other haplotype was A*30:01-B*13:02-C*06:02 (HF=0.02188), the third most frequently found haplotype in U.S. Asians.

Extract 524. This sample from a Caucasian individual was previously typed in the Cell Exchange as cells 1336 (2008) and 1379 (2009) by both serologic

and molecular-based typing methods.

The detection of the rare B*39:24 has improved from the 2008 detection level of 45% to the present 60% in this present retyping. The previous serologic typing results, 92% in 2008 and 95% in 2009, indicated that the expression of this allele was that of a standard B39. B*39:24 was also typed in a Caucasian/Hispanic donor, typed as cells 1373 (2009) and 1402 (2010).

B*08:01 (56%) was the second B-locus allele.

A*02:01 (47%) and A*03:02 (49%) were the A-locus types.

C*07:01 was the sole C-locus allele, as detected by 38%.

The likely haplotypes may be A*02:01-B*39:24-C*07:01 and A*03:02-B*08:01-C*07:01. A*02:01-B*39:24-C*07:01 was also found in cell 1402.

Cell Exchange

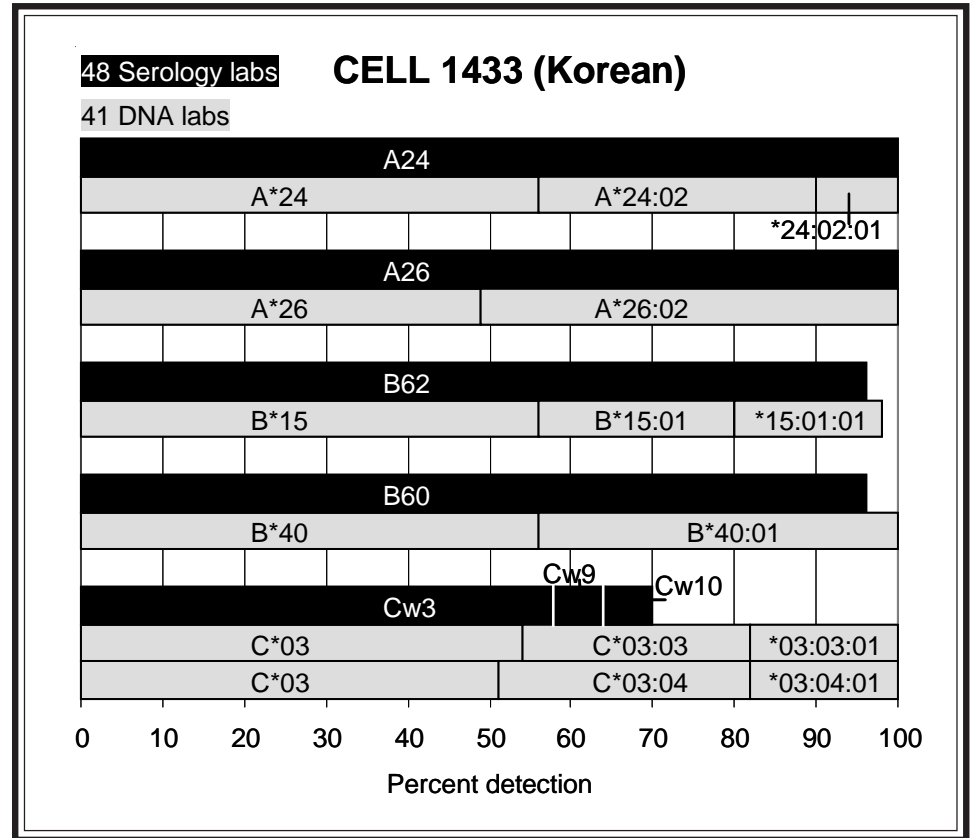
Cell 1433. A26 was assigned in complete consensus for this cell from a Korean donor. Half of the DNA labs assigned the rare A*26:02 (50%), found predominantly in Asian populations. This A*26 allele was previously typed in 4 exchange cells: 1247 (Japanese/Caucasian), 1309 (Korean), 1387 (Japanese/Caucasian), and 1395 (Japanese). Cell 1247 was also typed as extract 430, whereas, cell 1309 was previously typed as cell 1259.

A24 (100%) was confirmed as A*24:02 (43%).

B62 and B60 were detected by 96%, corroborated as B*15:01 and B*40:01 by 43%, respectively.

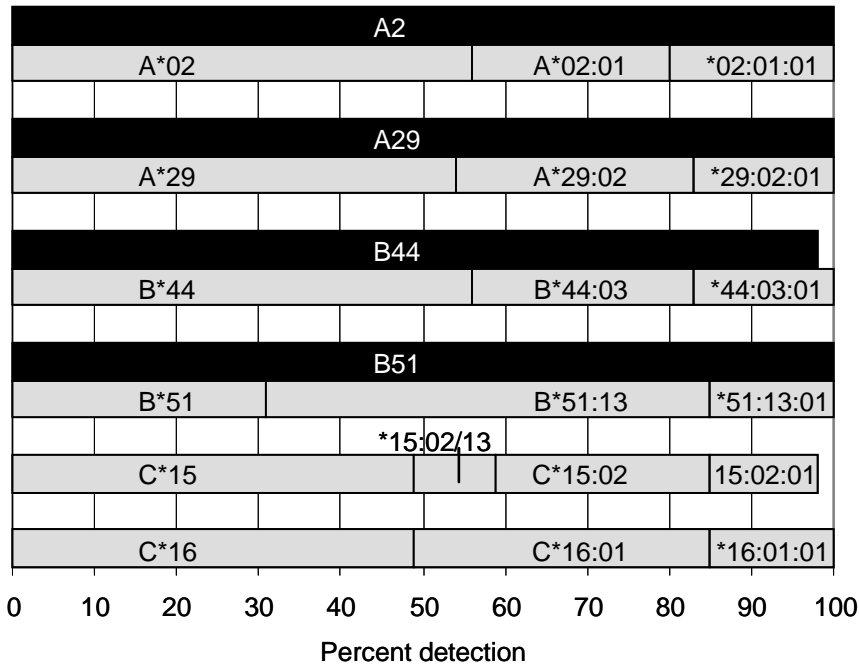
The two Cw3 subtypes, Cw9 and Cw10, were confirmed as C*03:03 (45%) and C*03:04 (48%), respectively.

The haplotypes in this cell may be A*24:02-B*40:01-C*03:04 and A*26:02-B*15:01-C*03:03. Previous A*26:02 exchange cells 1387 and 1395 also had B*15:01-C*03:03.



48 Serology labs CELL 1434 (Hispanic)

41 DNA labs



Cell 1434. Since 2006, this Hispanic donor has been typed multiple times in the Cell Exchange as a reference cell for the rare B*51:13. It was previously typed as cells 1271 (2006), 1302 (2007), 1340 (2008), and 1371 (2009), as correctly noted by Askar, Dunn, Lopez-Cepero, McCluskey, Mah, and Pancoska.

In this present retyping, this cell was again well typed as A2, A29, B44, B51, Bw4 and validated as A*02:01, A*29:02, B*44:03, B*51:13, C*15:02, C*16:01. 'Cx15,' the C-locus antigen encoded by C*15:02, was assigned by 14%. Pollack noted short anti-Cw6 reactivity and commented that it may be due to the presence of a C*15 allele.

A 2007 family study revealed that an offspring, typed as extract 377, shared the A*02:01-B*51:13-C*15:02 haplotype. Both reference B*51:13 cells, K60 (South American Indian) and NT01087 (Caucasian) were typed as A*02-B*51:13-C*15. The other haplotype in this donor, A*29:02-B*44:03-C*16:01, is the most commonly found haplotype in U.S. Hispanics (HF=0.02948).

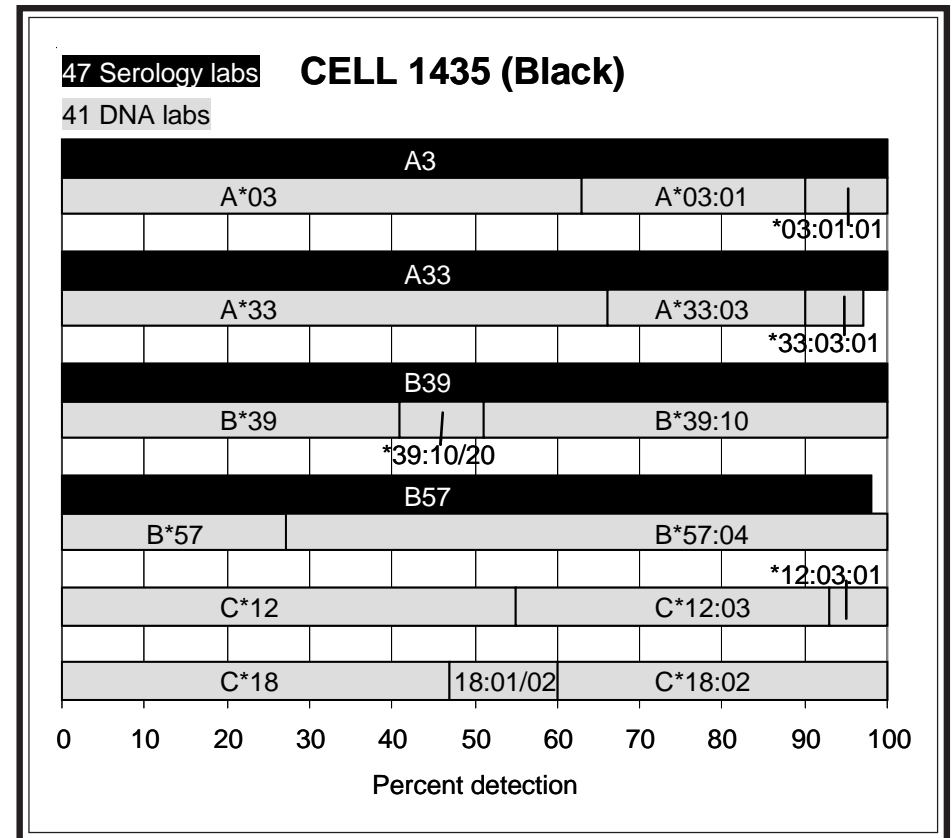
Cell 1435. This Black individual was previously typed multiple times in the Cell Exchange, as cells 1251 (2005), 1296 (2007), and 1335 (2008), as identified by Askar, Dunk, Fort, Lopez-Cepero, Mah, McCluskey, and Pancoska.

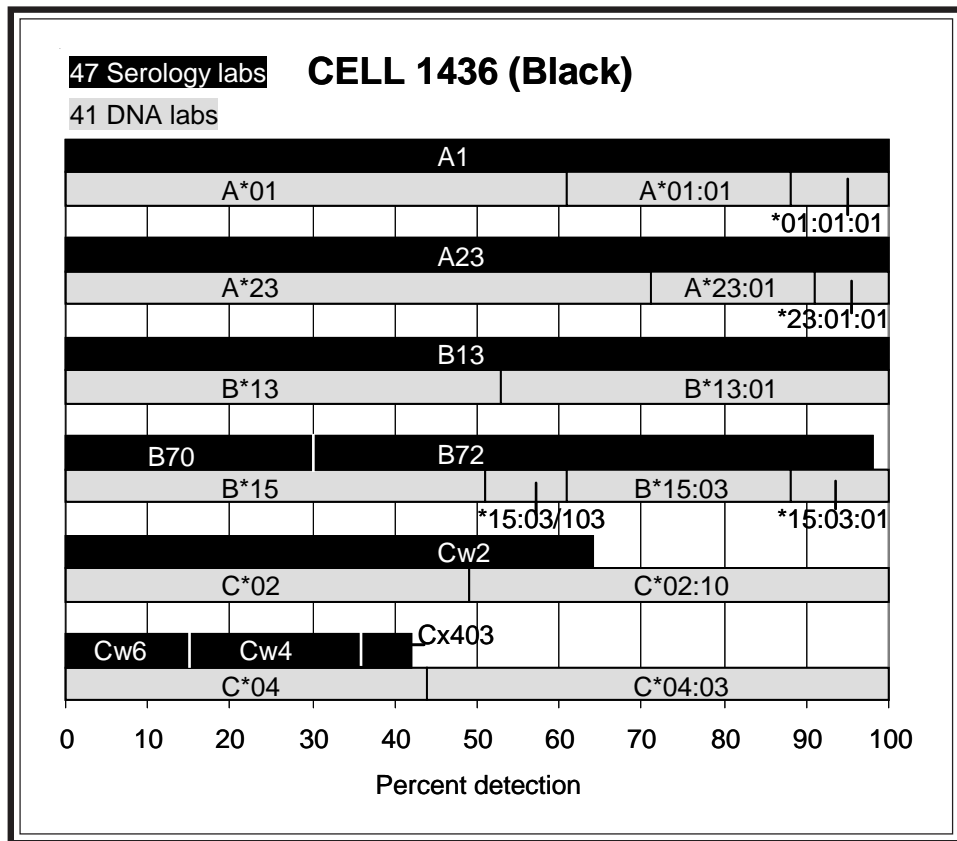
In this present retyping, B39 was assigned in complete agreement. Fort and Rubocki noted shorter than normal reactivity. B*39:10 was reported by 48%. Other B*39:10 exchange cells were cell 1045 (also cell 985, extracts 64 and 212) from a Black donor and extract 456 (also extract 283) from a Somalian individual.

B57 was assigned by 98% and confirmed as the rare B*57:04 (71%). This donor remains the sole B*57:04 typed in the Cell Exchange.

C*12:03 (45%) and C*18:02 (40%) were the C-locus alleles. Cw6 was assigned by 21%, which may be due to the presence of the C*18 allele. The detection level of C*18:02 attained in this retyping showed improvement from the 2008 level of 26%.

B*39:10-C*12:03 and B*57:04-C*18:02 were the probable associations in this cell.





Cell 1436. This cell from a Black donor was previously typed as cell 1412 (2010), as correctly identified by Dunk, Fort, Harville, Mah, McCluskey, and Pancoska.

In this present retyping, B72 (67%) was well detected, confirmed by 38% as B*15:03.

The other B-locus antigen was B13 (100%), corroborated as B*13:01 by 46%.

Assignments of Cw4 (23%) and Cw6 (15%) indicated the presence of the antigen, 'Cx403,' encoded by C*04:03 (55%).

Cw2 (65%) was the second C-locus antigen, validated as C*02:10 by 50%.

The probable haplotypes in this cell were A*23:01-B*15:03-C*02:10, commonly found in Black individuals, and A*01:01-B*13:01-C*04:03.

References

1. Ellis JM, Steiner N, Wang J, et al. Diversity and evolution of the DRB1*03 family: description of DRB1*03022, *0307, *0308. *Tissue Antigens* 1997;49:41.
2. Li J, den Hollander N, van Oosterwijk, et al. Identification of a new HLA-A null allele: A*2436N. *Tissue Antigens* 2002;60:184.

NEXT MAILING DATE: October 5, 2011

Important reminder: There are no shipments in September.

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

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Enczmann,Dr J.	Dusseldorf	Loewenthal MD PhD,Ro	Tel-Hashomer	Trachtenberg PhD,Eli	Oakland CA
Endres,Dr Robert O.	Tempe AZ	Lopez-Cepero PhD,May	Tampa	Trowsdale,Prof John	Cambridge
Esteves Kondo,Debra	Canoga Park CA	MacCann,Eileen	Providence RI	Turner PhD,E.V.	Memphis TN
Esteves-Kondo,Debra	Canoga Park CA	Mah,Helen	Boston MA	Tyan,Dr Dolly	Palo Alto CA
Fagoaga,Dr Omar	Detroit MI	Maha PhD,George	Burlington NC	Uhrberg,Dr Markus	Dusseldorf
Fernandez-Vina & Can	Houston TX	Mani,Dr Rama	Chennai,Tamil	Varnavidou-Nico,Dr A	Strovolos Nico
Fort,Dr Marylise	Toulouse Cedex	Marino,Susana R.	Chicago IL	Vidan-Jeras,Blanka	Ljubljana
Fuessel PhD,Monika	Dresden	Marsh,Prof Steven	London England	Vilches,Dr Carlos	Madrid
Gandhi MD,Manish	Rochester MN	Masuo,Kiyoe	Tokyo	Walter Reed Army Med	Washington DC
Gardiner PhD,Clair M	Dublin	McAlack-Hanau,	Philadelphia PA	Watkins PhD,David I.	Madison WI
Gautreaux,Dr Michael	Winston-Salem NC	McCluskey,Prof James	Adelaide, So A	Watson,Narelle	Alexandria NSW
Geier,Dr Steven	Philadelphia PA	McIntyre PhD,John A.	Beech Grove IN	Wisecarver MD PhD,Ja	Omaha NE
Gideon,Osnat	Haifa	Meyer,Pieter Wa	Pretoria, Gaut	Witt,Campbell	Perth - West A

Gideoni_LR,	Haifa		Mpuntsa,Dr Loyiso	Johannesburg		Yu,Dr Neng	Dedham	MA
Gladman/Pellet,Polla	Toronto	ON	Muncher,Dr Liora	Rehovot		Yu,Dr Neng	Worcester	MA
Gomez,Carmen	Miami	FL	Muncher_LR,	Rehovot		Zachary PhD,Andrea	Baltimore	MD
Gomez,Carmen	Miami	FL	Mytilineos MD,Joanni	Ulm		Zeevi PhD,Adriana	Pittsburgh	PA
Gottwald & Hess,	Lich		Nelson PhD,Karen	Seattle	WA			
Graff,Dr Ralph J.	St Louis	MO	Noreen,Harriet	Minneapolis	MN			

B-CELL LINE TER-457

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488	Adams, Sharon	*07:01:01	*11:14:01	*02:02	*01:01/03/06	*02:02	*03:01:01	*02:01	*05:05/10	*04:01:01	*11:01:01	SBT, RSSO, SSP
8070	Ahn, Jaeie	*07	*11			*02	*03			*04	*11	P-SSP
4691	Ajlan, Abdula	*07:01	*11:14			*02:02/06	*03:01/27+					SSO
5133	Baker, Judy	*07:01	*11:14	*02:02	*01	*02:02/06	*03:01/27+	*02:01	*05:05/09			SSOP
774	Cecka, J. Mich	*07:01/13-21	*11:14	*02:02/23	*01:01	*02:02/06	*03:01/21+	*02:01	*05:05/08+			SSP, SSOP
785	Chan, Soh Ha	*0701	*1114	*020201	*010101	*0202	*0301	*0201	*0501/03+			SBT
4492	Charron, D.	*07:01/18+	*11:14	*02:02	*01:01	*02:02/06	*03:01/27+	*02:01	*05:05	*04:01+	*11:01	P-SSP
3224	Chen, Dongfen	*07:01	*11:14	*02:02/23	*01:01	*02:02	*03:01					SBT, SSP
8021	Clark, Brenda	*07:01	*11:14	*01:07/*02	*01:01-*03+	*02:02	*03:01			*04:01	*11:01	P-SSP, SSO
3632	Colombe, Beth	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01					SSP, SSOP
5130	Costeas, Paul	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05			SSO, SSP
779	Daniel, Claud	*07	*11	++	++	*02	*03					P-SSP
5219	Daniel, Dolly	*07	*11	++	++	*02	*03					P-SSOP
8052	Del Pozo, Ana	*07	*11:14			*0202	*0301	*0201	*0505/09+			P-SSO
5323	Dhaliwal, J.S	*07:01/08-15	*11:14	*02:02/23	*01:01	*02:02	*03:01					P-SSP
5891	Du, Keming	*07:01	*11:14			*02:02	*03:01					P-SBT
5214	Eckels/CPMC	*07	*1114	*02:02	*01	*0202	*0301	*0201	*05	*04:01	*11:01	SSOP
2332	Elkhalifa, Mo	*07:01	*11:14			*02:02/06	*03:01/27+					RVSSO
4251	Ellis, Thomas	*07:01	*11:14	*02:02/12	*01:01/03/06	*02:02	*03:01	*02	*05	*04:01	*11:01	P-RVSSO, SBT
3135	Enczmann, J.	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01			*04:01:01G	*11:01	SBT, SSP, SSO
762	Fischer/Mayr	*07:01	*11:14	*02:02	*01:01/06	*02:02	*03:01/09+	*02:01	*05:05	*04:01	*11:01	SSO, LBT, SBT
4079	Fort, Marylis	*07:01/18+	*11:14			*02:02/06	*03:01/28+					P-SSP, SSO
792	Gandhi, Manis	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05			SSO, SSP
8043	Gideoni, Osna	*07:01	*11:14			*02:02	*03:01	*02:01	*05:05			SSP
9002	Gideoni_LR	*07	*11			*02	*03					SSP, SSOP
234	Gomez, Carmen	*07	*11	++	++	*02	*03					SSP
5195	Gomez, Carmen	*07	*11:14	*02:02	*01	*02	*03	*02:01	*05			SSOP
1694	Gottwald&Hes	*07:01	*11:14			*02:02	*03:01					SSP
910	Hahn, Amy B.	*07:01/01+	*11:14	*02:02/23+	*01:01	*02:02/06	*03:01/21+					SBT, P-SSP
4269	Hanau, Daniel	*07:01	*11:14			*02	*03					SSO, SSP
1461	Hidajat, M.	*07:01	*11:14	*02:02	*01:08	*02:02	*03:01			*04:01	*11:01	SBT, SSOP
2344	Hurley/Hartz	*07:01:01+	*11:14:01			*02:02/06	*03:01:01+			*04:01:01G	*11:01:01	SSP
771	Israel, Shosh	*07:01	*11:14			*02:02	*03:01					RVSSO
9003	Israel_LR	*07	*11			*02	*03					SBT, SSO, SSP
794	Jaatinen, Tai	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05/09	*04:01:01G	*11:01	SBT, SSO, SSP
859	Kamoun, Malek	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05			SBT, SSO, SSP
4337	Kim, Tai-Gyu	*07:01	*11:14			*02:02	*03:01/09+			*04:01	*11:01	SBT
168	Klein, Tirza	*07:01	*11:14			*02:02	*03:01					P-SSP, SSO
9000	Klein_LR	*07	*11			*02	*03					P-SSP, SSO
5096	Koh, Eun-mi	*07	*11									
87	Land, Geoffre	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05	*04:01	*11:01	SBT, SSO, SSP
725	Lardy, N.M.	*07	*11	++	++	*02	*03	*02	*05			SSO, SSP
278	Lee, Jar-How	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01	*02:01	*05:05	*04:01	*11:01	SSP, RVSSOP
640	Lee, Kyung Wh	*07:01	*11:14			*02:02	*03:01:01G	*02:01	*05:05			P-SBT
6649	Lim, Young Ae	*07	*11	++	++							SSP
274	Lo, Raymundo	*07	*11	++	++	*02	*03:01					SSP
731	Loewenthal, R	*07:01	*11:14:01			*02:02	*03					SBT, SSO
759	Lopez-Cepero	*07:01/03+	*11:14			*02:02	*03:01	*02:01	*05:05/09	*04:01	*11:01	RVSSO
23	Mah, Helen	*07:01	*11:14	*02:02	*01	*02:02	*03:01	*02:01	*05:05/09	*04:01	*11:01	SSO, SSP
8029	Mani, Rama	*07	*11	++	++							P-SSP
206	McAlack-Hana	*07	*11:14	*02:02	*01	*02:02	*03:01	*02:01	*05			RVSSOP
9916	McIntyre, Joh	*07:01:01	*11:14:01	*02:02	*01:01/08	*02:02	*03:01					SSP, SBT
8042	Muncher, Lior	*07:01	*11:14			*02:02	*03:01					SSP, SSOP
9001	Muncher_LR	*07	*11			*02	*03					SSP, SSOP
3648	Pereira, Noem	*07:01	*11:14			*02:02	*03:01	*02	*05			RVSSO, SBT
3966	Permpikul&Ve	*07:01	*11:14	*02:02	*01:01	*02:02	*03:01					P-SSP
2400	Phelan, Donna	*07:01	*11:14	*02	*01	*02:02	*03:01	*02:01	*05:05/09	*04:01:01G	*11:01	RSSO, SBT, SSP

B-CELL LINE TER-457 (Korean)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*07	38%
DRB1*07:01:01G	1%
DRB1*07:01	53%
DRB1*0701	1%
DRB1*07:01:01	7%
DRB1*07	100% TOTAL
DRB1*11	21%
DRB1*11:14	62%
DRB1*1114	3%
DRB1*11:14:01	14%
DRB1*11	100% TOTAL

69 LABS REPORTING DQB1

DQB1*02	20%
DQB1*02:02/06	16%
DQB1*02:02	60%
DQB1*0202	4%
DQB1*02	100% TOTAL
DQB1*03	41%
DQB1*03:01:01G	2%
DQB1*03:01	49%
DQB1*0301	4%
DQB1*03:01:01	4%
DQB1*03	100% TOTAL

33 LABS REPORTING DQA1

DQA1*02	9%
DQA1*02:01	82%
DQA1*0201	9%
DQA1*02	100% TOTAL
DQA1*05	36%
DQA1*05:05/09	28%
DQA1*05:05	36%
DQA1*05	100% TOTAL

49 LABS REPORTING DRB3

DRB3*+	19%
DRB3*02:02	61%
DRB3*02:02:01	2%
DRB3*020201	2%
DRB3*02	16%

27 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	11%
DPB1*04:01:01G	15%
DPB1*04:01	55%
DPB1*04:01:01	15%
DPB1*04	100% TOTAL
DPB1*11	4%
DPB1*11:01	74%
DPB1*11:01:01	22%
DPB1*11	100% TOTAL

49 LABS REPORTING DRB4

DRB4*+	18%
DRB4*01:01	39%
DRB4*010101	2%
DRB4*01:01:01:01	6%
DRB4*01:08	2%
DRB4*01	21%
DRB4*01:01/03/06	10%
DRB4*01:01/06	2%

7 SEROLOGY LABS

DR7	100%	DQ2	100%
DR11	100%	DQ7	100%
DR52	100%		
DR53	100%		

B-CELL LINE TER-458

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488 Adams, Sharon	*01:01	*11:01/97	*02:02/25	*05:01:01	*06:02:01	*01:01	*01:02	*04:01:01	*105:01	SBT, RSSO, SSP
8070 Ahn, Jaeie	*01	*11		*05	*06			*04	*04	P-SSP
4691 Ajlan, Abdula	*01:01	*11:01		*05:01	*06:02					SSO
5133 Baker, Judy	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01/04/05	*01:02			SSOP
774 Cecka, J. Mich	*01:01/14/17+	*11:01	*02:02/23	*05:01/07+	*06:02/33+	*01:01	*01:02			SSP, SSOP
785 Chan, Soh Ha	*0101/08/18	*1101/29/37	*020201	*050101	*060201	*0101/04/05+	*0102			SBT
4492 Charron, D.	*01:01	*11:01/95/97+	*02:02	*05:01/07	*06:02	*01:01	*01:02	*04:01+	*105:01	P-SSP
3224 Chen, Dongfen	*01:01	*11:01	*02:02/23	*05:01	*06:02					SBT, SSP
8021 Clark, Brenda	*01:01	*11:01	*01:07/*02	*05:01	*06:02			*04:01	*105:01	P-SSP, SSO
3632 Colombe, Beth	*01:01	*11:01	*02:02	*05:01	*06:02					SSP, SSOP
5130 Costeas, Paul	*01:01/11	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02			SSO, SSP
779 Daniel, Claud	*01	*11	+	*05	*06					P-SSP
5219 Daniel, Dolly	*01	*11	+	*05	*06					P-SSOP
8052 Del Pozo, Ana	*01	*11		*05:01	*06:02	*01:01/04/05	*01:02			P-SSO
5323 Dhaliwal, J.S	*01:01	*11:01	*02:02	*05:01	*06:02					P-SSP
5891 Du, Keming	*01:01	*11:01		*05:01	*06:02					P-SBT
5214 Eckels/CPMC	*01	*11	*02:02	*05:01	*06:02	*01	*01:02	*04:01	*04:02	SSOP
2332 Elkhalfifa, Mo	*01:01	*11:01		*05:01	*06:02					RVSSO
4251 Ellis, Thomas	*01:01	*11:01	*02:02/12	*05:01	*06:02	*01	*01	*04:01	*04:02:01G	P-RVSSO, SBT
3135 Enczmann, J.	*01:01	*11:01	*02:02	*05:01	*06:02			*04:01:01G	*04:02:01G	SBT, P-SSP
762 Fischer/Mayr	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02	*04:01	*105:01	SSO, LBT, SBT
4079 Fort, Marylis	*01:01/32/36	*11:01/95/97+		*05:01/07+	*06:02					P-SSP, SSO
792 Gandhi, Manis	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02			SSO, SSP
8043 Gideoni, Osna	*01:01	*11:01		*05:01	*06:02	*01:01	*01:02			SSP
9002 Gideoni_LR	*01	*11		*05	*06					SSP, SSOP
234 Gomez, Carmen	*01	*11	+	*05	*06					SSP
5195 Gomez, Carmen	*01	*11	*02	*05:01	*06:02	*01	*06:02			SSOP
1694 Gottwald&Hes	*01:01	*11:01		*05:01	*06:02					
910 Hahn, Amy B.	*01:01/17/18+	*11:01/61/66+	*02:02/23+	*05:01/07+	*06:02/33+					SSP
4269 Hanau, Daniel	*01:01	*11:01		*05	*06					SBT, P-SSP
1461 Hidajat, M.	*01:01	*11:01	*02:02	*05:01	*06:02			*04:01	*105:01	SSO, SSP
2344 Hurley/Hartz	*01:01:01	*11:01:02		*05:01:01	*06:02:01			*04:01:01G	*04:02:01G	SBT, SSOP
771 Israel, Shosh	*01:01	*11:01		*05:01	*06:02					SSP
9003 Israel_LR	*01	*11		*05	*06					RVSSO
794 Jaatinen, Tai	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01/04/05+	*01:02	*04:01:01G	*04:02:01G	SBT, SSO, SSP
859 Kamoun, Malek	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02			SBT, SSO, SSP
4337 Kim, Tai-Gyu	*01:01	*11:01		*05:01	*06:02			*04:01	*04:02:01G	SBT
168 Klein, Tirza	*01:01	*11:01		*05:01	*06:02					P-SSP, SSO
9000 Klein_LR	*01	*11		*05	*06					P-SSP, SSO
5096 Koh, Eun-mi	*01	*11								
87 Land, Geoffre	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02	*04:01	*105:01	SBT, SSO, SSP
725 Lardy, N, M.	*01	*11	+	*05	*06	*01				SSO, SSP
278 Lee, Jar-How	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01/04/05	*01:02	*04:01:01G	*04:02:01G	SSP, RVSSOP
640 Lee, Kyung Wh	*01:01	*11:01		*05:01	*06:02	*01:01:01	*01:02:01			P-SBT
6649 Lim, Young Ae	*01	*11	+							P-SSP
274 Lo, Raymundo	*01	*11	+	*05	*06					SSP
731 Loewenthal, R	*01:01:01	*11:01:02		*05:01:01	*06:02/11+					SBT, SSO
759 Lopez-Cepero	*01:01/05/07+	*11:01/12/15+		*05:01	*06:02	*01:01/04/05	*01:02	*04:01	*04:02:01G	RVSSO
23 Mah, Helen	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01/04/05	*01:02	*04:01	*02:01	SSO, SSP
8029 Mani, Rama	*01	*11	+							P-SSP
206 McAlack-Hana	*01	*11	*02	*05:01	*06:02	*01	*01:02			RVSSOP
9916 McIntyre, Joh	*01:01	*11:01	*02:02	*05:01	*06:02					SSP, SBT
8042 Muncher, Lior	*01:01	*11:01		*05:01	*06:02					SSP, SSOP
9001 Muncher_LR	*01	*11		*05	*06					SSP, SSOP
3648 Pereira, Noem	*01:01	*11:01/97/100	*02:02	*05:01	*06:02	*01	*01			RVSSO, SBT
3966 Permpikul&Ve	*01:01	*11:01	*02:02	*05:01	*06:02					P-SSP
2400 Phelan, Donna	*01:01	*11:01/97/100	*02	*05:01	*06:02	*01:01/04/05	*01:02	*04:01:01G	*04:02:01G	RSSO, SBT, SSP

B-CELL LINE TER-458

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
735 Ramon,Daniel	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01/04/05	*01:02	*04:01	*105:01	RVSSOP,SSP
8001 Rao,Prakash	*01:01/19/21+	*11:01/61/66+	*02:02	*05:01	*06:02			*04:01	*04:02:01G	RVSSO,SSP
3753 Reed,Elaine	*01:01	*11:01/97	*02:02/25	*05:01	*06:02	*01:01/04/05	*01:02			SBT,SSO
3798 Reinsmoen,N	*01:01:01	*11:01:02	*02:02	*05:01	*06:02	*01:01/04/05	*01:02	*04:01	*105:01	SSO,SSP,SBT
1160 Rosen-Bronso	*01	*11	*02	*05:01	*06:02					RVSSO,SSP
793 Rubocki,Rona	*01	*11	*+	*05	*06			*04:01+	*105:01	SSP
3519 Semana,Gilbe	*01:01	*11:01/97/100	*02:02	*05:01	*06:02	*01:01	*01:02	*04:01	*105:01	SBT,P-SSP
746 Stamm,Luz	*01:01	*11:01:02	*02	*05:01	*06:02	*01	*01:02			SSO,SSP,SBT
13 Tagliere,Jac	*01:01	*11:01	*02:02	*05:01	*06:02					SSP
769 Tavoularis,S	*01:01	*11:01	*02:02	*05:01	*06:02			*04:01:01	*105:01	SSO,SBT,SSP
747 Tiercy,Jean-	*01:01:01	*11:01:01G	*02:02	*05:01:01G	*06:02:01	*01:01/04/05	*01:02	*04:01:01	*105:01	SSO,SSP,SBT
5451 Tilanus,Marc	*01:01:01	*11:01:02	*02:02:01	*05:01:01	*06:02:01	*01:01	*01:02	*04:01:01	*105:01	SBT
4021 Trachtenberg	*01	*11	*02	*05:01	*06:02	*01	*01:02			SSO
5462 Turner,E.V.	*01:01:01	*11:01:02	*02:02:01+	*05:01	*06:02			*04:01+	*105:01	SEQ,SSO,SSP
3511 Zeevi,Adrian	*01:01	*11:01	*02:02	*05:01	*06:02	*01:01	*01:02	*04:01	*105:01	RVSSOP,SSP

CTR DIRNAME	DR1	DR11	DR52	DQ5	DQ6	OTH1	OTH2
4492 Charron,D.	NT						
234 Gomez,Carmen	+	+	+	+			DQ3
5195 Gomez,Carmen	+	+	+	+			DQ3
910 Hahn,Amy B.	+	+	+	DQ1		DR103,13	
54 Pancoska,Car	+	+	+	DQ1			
793 Rubocki,Rona	+	+	+	+	+		
8063 Shai,Isaac	+	+	+	+		DR10,14	

B-CELL LINE TER-458 (Black)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*01	38%
DRB1*01:01	54%
DRB1*01:01:01	8%
DRB1*01	100% TOTAL
DRB1*11	43%
DRB1*11:01:01G	1%
DRB1*11:01	47%
DRB1*11:01:02	9%
DRB1*11	100% TOTAL

69 LABS REPORTING DQB1

DQB1*05	23%
DQB1*05:01:01G	2%
DQB1*05:01	68%
DQB1*05:01:01	6%
DQB1*050101	1%
DQB1*05	100% TOTAL
DQB1*06	22%
DQB1*06:02	71%
DQB1*06:02:01	6%
DQB1*060201	1%
DQB1*06	100% TOTAL

33 LABS REPORTING DQA1

DQA1*01	30%
DQA1*01:01/04/05	30%
DQA1*01:01	37%
DQA1*01:01:01	3%
DQA1*01	100% TOTAL
DQA1*01	9%
DQA1*01:02	82%
DQA1*0102	3%
DQA1*01:02:01	3%
DQA1*01	97% TOTAL

50 LABS REPORTING DRB3

DRB3*+	18%
DRB3*02:02	52%
DRB3*02:02:01	2%
DRB3*020201	2%
DRB3*02	26%

27 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	11%
DPB1*04:01:01G	18%
DPB1*04:01	52%
DPB1*04:01:01	15%
DPB1*04	100% TOTAL
DPB1*04:02:01G	33%
DPB1*04	4%
DPB1*04:02	4%
DPB1*105:01	55%

6 SEROLOGY LABS

DR1	100%	DQ1	33%
		DQ5	67%
DR11	100%	DQ6	17%
DR52	100%		

B-CELL LINE TER-459

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488 Adams, Sharon	*03:07	*13:01:01	*01:01	*02:02	*06:03:01	*06:09	*01:02	*01:03	*04:01:01	*05:01:01	RSSO, SBT, SSP
8070 Ahn, Jaeie	*03	*13			*06	*06			*04	*05	P-SSP
4691 Ajlan, Abdula	*03:07	*13:01			*06:03/41	*06:09					SSO
5133 Baker, Judy	*03:07	*13:01	*01:01	*02:02	*06:03/41	*06:09	*01:02	*01:03			SSO, SSP
774 Cecka, J. Mich	*03:07/54	*13:01/91/92+	*01:01/12+	*02:02/23	*06:03/41	*06:09	*01:02	*01:03			SSP, SSOP
785 Chan, Soh Ha	*0307	*1301	*01	*02	*0603/04+	*060101/12+	*01:02	*01:03			SBT
4492 Charron, D.	*03:07	*13:01/91/92+	*01:01	*02:02	*06:03/44	*06:09/12+	*01:02	*01:03	*04:01	*05:01	P-SSO, SSP
8021 Clark, Brenda	*03:07	*13:01	*01	*02	*06:03	*06:09			*04:01	*05:01	P-SSP, SSO
3632 Colombe, Beth	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03			SSOP, SSP
5130 Costeas, Paul	*03:07	*13:01/80	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03			SSP
779 Daniel, Claud	*03:07/40/49	*13	+		*06						P-SSP
5219 Daniel, Dolly	*03	*13	+		*06	*06					P-SSOP
8052 Del Pozo, Ana	*03:07/32+	*13			*06:03	*06:09	*01:02	*01:03			P-SSO
5323 Dhaliwal, J.S	*03:07	*13:01/59	*01	*02	*06	*06					P-SSP
5891 Du, Keming	*03:07	*13:01			*06:03/04+	*06:09/11+					
5214 Eckels/CPMC	*03	*13	*01:01	*02:02	*06	*06:09	*01:02	*01:03	*04:01	*05:01	SSO
2332 Elkhalifa, Mo	*03:07	*13:01			*06:03/41	*06:09					RVSSO
4251 Ellis, Thomas	*03:07	*13:01	*01	*02:02/12	*06:03	*06:09	*01	*01	*04:01	*05:01	P-RVSSO, SBT
3135 Enczmann, J.	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09			*04:01:01G	*05:01	SBT, SSP, SSO
762 Fischer/Mayr	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	SSO, LBT, SBT
4079 Fort, Marylis	*03:07/54	*13:01/105/112+			*06:03/44	*06:09					P-SSP, SSO
792 Gandhi, Manis	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03			SSO, SSP
8043 Gideoni, Osna	*03:07	*13:01			*06:03	*06:09	*01:02	*01:03			SSP
9002 Gideoni_LR	*03	*13			*06						SSOP, SSP
1694 Gottwald&Hes	*03:07	*13:01			*06:03	*06:09					SSP
910 Hahn, Amy B.	*03:07	*13:01/91/98+	*01:01	*02:02	*06:03/41	*06:09					SSP
810 Hamdi, Nuha	*03:07	*13:01			*06:03	*06:09	*01:02	*01:03			SSO
4269 Hanau, Daniel	*03:07	*13:01			*06						SBT, low-rel
1461 Hidajat, M.	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09			*04:01	*05:01	SBT, SSP
2344 Hurley/Hartz	*03:07	*13:01			*06:03:01	*06:09			*04:01:01G	*05:01:01G	SBT
771 Israel, Shosh	*03:07	*13:01			*06:03	*06:09					SSP
9003 Israel_LR	*03	*13			*06						RVSSO
859 Kamoun, Malek	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03			SBT, SSO, SSP
797 Kato, Shunich	*03:07	*13:01			*06:03/41	*06:09	*01:02	*01:03			SSO, +SBT-DR
4337 Kim, Tai-Gyu	*03:07	*13:01			*06:03	*06:09			*04:01	*05:01	SBT
9000 Klein_LR	*03:07	*13:01			*06:03	*06:09					P-SSP, SSO
5096 Koh, Eun-mi	*03	*13									SSOP
87 Land, Geoffre	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	SBT, SSP, SSO
725 Lardy, N.M.	*03	*13	+		*06		*01:02	*01:03			SSO, SSP
278 Lee, Jar-How	*03:07	*13:01	*01:01	*02:02	*06:03/41	*06:09	*01:02	*01:03	*04:01:01G	*05:01	SSP, RVSSOP
640 Lee, Kyung Wh	*03:07	*13:01			*06:03:01G	*06:09					P-SBT
6649 Lim, Young Ae	*03	*13	+								SSP
274 Lo, Raymundo	*03	*13			*06	*06:08					SSO
731 Loewenthal, R	*03:07	*13:01:01			*06						SBT, SSO
759 Lopez-Cepero	*03:07/32/39	*13:01/28/35+			*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	RVSSO
23 Mah, Helen	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	SSO, SSP
8029 Mani, Rama	*03	*13	+								P-SSP
206 McAlack-Hana	*03	*13	*01:01	*02:02	*06:03	*06:09					RVSSOP
9916 McIntyre, Joh	*03:07	*13:01:01	*01:01	*02:02	*06:03	*06:09					SBT, SSP
8042 Muncher, Lior	*03:07	*13:01			*06:03	*06:09					SSOP, SSP
9001 Muncher_LR	*03	*13			*06						SSOP, SSP
3648 Pereira, Noem	*03:07	*13:01/105			*06:03	*06:09	*01	*01	*04:01P	*05:01	RSSO, SSP, SBT
3966 Permpikul&Ve	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09					P-SSP
2400 Phelan, Donna	*03:07	*13:01	*01	*02	*06:03	*06:09	*01:02	*01:03	*04:01:01G	*05:01:01+	RSSO, SBT, SSP
735 Ramon, Daniel	*03:07	*13:01	*01:01	*02:02	*06:03/41	*06:09	*01:02	*01:03	*04:01	*05:01	SBT, SSO, SSP
8001 Rao, Prakash	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09			*04:01	*05:01	RVSSOP, SSP
3753 Reed, Elaine	*03:07	*13:01/105/112	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03			SBT, SSO

B-CELL LINE TER-459

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3798 Reinsmoen,N	*03:07	*13:01:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01:01G	*05:01	P-SSO,SBT
1160 Rosen-Bronso	*03	*13	*01:01	*02:02	*06						RVSSO,SSP
793 Rubocki,Rona	*03	*13	*+		*06				*04:01	*05:01	SSP
3519 Semana,Gilbe	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	SBT,P-SSP
8068 Shanmugam,He	*03	*13	*01		*06						P-SSP
746 Stamm,Luz	*03:07	*13:01	*01	*02	*06:03	*06:09	*01:02	*01:03			SSO,SSP,SBT
13 Tagliere,Jac	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09					SSP
747 Tiercy,Jean-	*03:07	*13:01:01	*01:01	*02:02	*06:03:01	*06:09	*01:02	*01:03	*04:01:01	*05:01:01G	SSO,SSP,SBT
5451 Tilanus,Marc	*03:07	*13:01:01	*01:01:02	*02:02:01	*06:03:01	*06:09	*01:02	*01:03	*04:01:01	*05:01:01	SBT
4021 Trachtenberg	*03	*13	*01	*02	*06	*06:09	*01	*01			SSO
5462 Turner,E.V.	*03:07	*13:01:01/105	*01	*02	*06:03/41	*06:09			*04:01+	*05:01	SEQ,SSO,SSP
3511 Zeevi,Adrian	*03:07	*13:01	*01:01	*02:02	*06:03	*06:09	*01:02	*01:03	*04:01	*05:01	RVSSOP,SSP

CTR DIRNAME	DR3	DR13	DR52	DR52X	DQ1	DQ1X	OTH1	OTH2
4492 Charron,D.	+	+	+		+			
910 Hahn,Amy B.	DR17	+	+		+			
4908 Kvam,Vonnett		+	+		+		DR12	
54 Pancoska,Car		+	+		DQ6			
793 Rubocki,Rona	+	+	+		+			
8063 Shai,Isaac	+	+	+		DQ6			

B-CELL LINE TER-459 (Caucasian)

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*03	31%
DRB1*03:07	68%
DRB1*0307	1%
DRB1*03	100% TOTAL
DRB1*13	41%
DRB1*13:01	49%
DRB1*1301	1%
DRB1*13:01:01	9%
DRB1*13	100% TOTAL

66 LABS REPORTING DQB1

DQB1*06	30%
DQB1*06:03/41	14%
DQB1*06:03	48%
DQB1*06:03:01	6%
DQB1*06:03:01G	2%
DQB1*06	100% TOTAL
DQB1*06	24%
DQB1*06:08	2%
DQB1*06:09	74%
DQB1*06	100% TOTAL

32 LABS REPORTING DQA1

DQA1*01	9%
DQA1*01:02	91%
DQA1*01	100% TOTAL
DQA1*01	9%
DQA1*01:03	91%
DQA1*01	100% TOTAL

44 LABS REPORTING DRB3

DRB3*+	14%
DRB3*01:01	61%
DRB3*01:01:02	2%
DRB3*01	23%
DRB3*02:02	61%
DRB3*02:02:01	2%
DRB3*02	21%

26 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	4%
DPB1*04:01:01G	19%
DPB1*04:01P	4%
DPB1*04:01	58%
DPB1*04:01:01	11%
DPB1*04	100% TOTAL
DPB1*05	3%
DPB1*05:01	81%
DPB1*05:01:01	8%
DPB1*05:01:01G	8%
DPB1*05	100% TOTAL

6 SEROLOGY LABS

DR3	50%
DR17	17%
DR3	67% TOTAL
DR13	100%
DR52	100%

DQ1	67%
DQ6	33%
DQ1	100% TOTAL

B-CELL LINE TER-460

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488 Adams, Sharon	*03:01	*03:02:01	*01:01	*02:02	*02:01:01	*02:03	*05:01		*01:01:01	*105:01	RSSO, SBT, SSP
8070 Ahn, Jaeie	*03	*03			*02	*02			*01	*04	P-SSP
4691 Ajlan, Abdula	*03:01/50	*03:02			*02:01	*02:03					SSO
5133 Baker, Judy	*03:01/50/56	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01				SSO, SSP
774 Cecka, J. Mich	*03:06/47/60	*03:02	*03:01	*02:02	*02:02/06	*03:03/30+	*05:01				SSP, SSOP
785 Chan, Soh Ha	*0301/03/06	*0302/05+	*01	*02	*0202	*0203	*0501/03/05-09				SBT
4492 Charron, D.	*03:01/55/56+	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+	*01:01	*04:02:01G	P-SSO, SSP
8021 Clark, Brenda	*03:01	*03:02	*01	*02	*02:01	*02:03			*01:01	*105:01	P-SSP, SSO
3632 Colombe, Beth	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+			SSOP, SSP
5130 Costeas, Paul	*03:01	*03:02	*01:01	*02:02	*02:01	*02:02/03	*05:01				SSP
779 Daniel, Claud	*03:01	*03:02	**		*02						P-SSP
5219 Daniel, Dolly	*03	*03/*13+	**		*02	*02					P-SSOP
8052 Del Pozo, Ana	*03:01/45/47+	*03:02			*02:01	*02:03	*05:01	*05:01+			P-SSO
5323 Dhaliwal, J.S	*03:01	*03:02	*01	*02	*02	*02					P-SSP
5891 Du, Keming	*03:01	*03:02			*02:01/02	*02:03					
5214 Eckels/CPMC	*03(DR17)	*03(DR18)	*01:01	*02:02	*02:01	*02:03	*05:01	*05	*01:01	*04:02	SSO
2332 Elkhalfifa, Mo	*03:01/50	*03:02			*02:01	*02:03					RVSSO
4251 Ellis, Thomas	*03:01	*03:02	*01	*02:02/12	*02:01:01G	*02:03	*05	*05	*01:01	*04:02:01G	P-RVSSO, SBT
3135 Enczmann, J.	*03:01	*03:02	*01:01	*02:02	*02:02	*02:03			*01:01	*04:02:01G	SBT, SSP, SSO
762 Fischer/Mayr	*03:01	*03:02	*01:01	*02:02	*02:01/02+	*02:03	*05:01		*01:01	*105:01	SSO, LBT, SBT
4079 Fort, Marylis	*03:01/55/56+	*03:02/03			*02:01	*02:03					P-SSP, SSO
792 Gandhi, Manis	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01				SSO, SSP
8043 Gideoni, Osna	*03:01	*03:02			*02:01	*02:03	*05:01				SSP
9002 Gideoni_LR	*03				*02						SSOP, SSP
1694 Gottwald&Hes	*03:01	*03:02			*02:01	*02:03					SSP
910 Hahn, Amy B.	*03:01/32/34+	*03:02	*01:01	*02:02	*02:02/06	*03:03/30+					SSP
810 Hamdi, Nuha	*03:01	*03:02			*02:01	*02:03	*05:01	*05:10			SSO
4269 Hanau, Daniel	*03:01	*03:02									SBT, low-res
1461 Hidajat, M.	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03			*01:01	*105:01	SBT, SSP
2344 Hurley/Hartz	*03:01:01:01+	*03:02:01			*02:01:01	*02:03			*01:01:01	*04:02:01G	SBT, SSOP
771 Israel, Shosh	*03:01	*03:02			*02:01	*02:03					SSP
9003 Israel_LR	*03				*02						RVSSO
859 Kamoun, Malek	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01				SBT, SSO, SSP
797 Kato, Shunich	*03:01	*03:02			*02:01	*02:03	*05:01/05/09				SSO, +SBT-DR
4337 Kim, Tai-Gyu	*03:01/03	*03:02/05			*02:01/02+	*02:03			*01:01	*04:02:01G	SBT
9000 Klein_LR	*03:01	*03:02			*02:01	*02:03					P-SSP, SSO
5096 Koh, Eun-mi	*03	*03									SSOP
87 Land, Geoffre	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01	*01:01	*105:01	SBT, SSP, SSO
725 Lardy, N.M.	*03	**			*02		*05				SSO, SSP
278 Lee, Jar-How	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+	*01:01	*04:02:01G	SSP, RVSSOP
640 Lee, Kyung Wh	*03:01	*03:02			*02:01	*02:03					P-SBT
6649 Lim, Young Ae	*03	**									SSP
274 Lo, Raymundo	*03	*03			*02:01	*02:02					SSO
731 Loewenthal, R	*03:01	*03:02:01			*02:01	*02:02/03					SBT, SSO
759 Lopez-Cepero	*03:01/03/04+	*03:02/05+			*02:01	*02:03	*05:01	*05:01+	*01:01	*04:02:01G	RVSSO
23 Mah, Helen	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+	*01:01	*02:01:04	SSO, SSP
8029 Mani, Rama	*03	**									P-SSP
206 McAlack-Hana	*03(DR17)	*03(DR18)	*01:01	*02:02	*02:01	*02:03					RVSSOP
9916 McIntyre, Joh	*03:01	*03:02:01	*01:01	*02:02	*02:01	*02:03					SBT, SSP
8042 Muncher, Lior	*03:01	*03:02			*02:01	*02:03					SSOP, SSP
9001 Muncher_LR	*03				*02						SSOP, SSP
3648 Pereira, Noem	*03:01	*03:02			*02:01	*02:03	*05	*05	*01:01	*04:02P	RVSSO, SBT
3966 Permpikul&Ve	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03					P-SSP
2400 Phelan, Donna	*03:01	*03:02	*01	*02	*02:01	*02:03	*05:01/05/09		*01:01	*04:02:01G	RSSO, SBT, SSP
735 Ramon, Daniel	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01		*01:01	*105:01	SBT, RSSO, SSP
8001 Rao, Prakash	*03:01/06	*03:02	*01:01	*02:02	*02:01	*02:03			*01:01	*04:02:01G	RVSSOP, SSP
3753 Reed, Elaine	*03:01/42/50	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+			SBT, SSO

B-CELL LINE TER-460

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3798 Reinsmoen,N	*03:01/06	*03:02:01+	*01:01	*02:02	*02:01	*02:03	*05:01	*05:01+	*01:01	*04:02:01G	P-SSO,SBT
1160 Rosen-Bronso	*03		*01:01	*02:02	*02:01	*02:03					RVSSO,SSP
793 Rubocki,Rona	*03		*+		*02				*01:01	*105:01	SSP
3519 Semana,Gilbe	*03:01	*03:02	*01:01	*02:02	*02:01/02	*02:03	*05:01		*01:01	*105:01	SBT,P-SSP
8068 Shanmugam,He	*03	*03	*01		*02						P-SSP
746 Stamm,Luz	*03:01	*03:02	*01	*02	*02:01	*02:03	*05:01	*05			SSO,SSP,SBT
13 Tagliere,Jac	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03					SSP
747 Tiercy,Jean-	*03:01:01G	*03:02:01	*01:01	*02:02	*02:01:01	*02:03	*05:01	*05:01+	*01:01:01	*105:01	SSO,SSP,SBT
5451 Tilanus,Marc	*03:01	*03:02:01	*01:01:02	*02:02:01	*02:01:01	*02:03	*05:01:01		*01:01:01	*105:01	SBT
4021 Trachtenberg	*03	*03	*01	*02	*02:01	*02:03	*05	*05			SSO
5462 Turner,E.V.	*03:01	*03:02	*01	*02	*02:01	*02:03			*01:01:01	*105:01	SEQ,SSO,SSP
3511 Zeevi,Adrian	*03:01	*03:02	*01:01	*02:02	*02:01	*02:03	*05:01		*01:01	*105:01	RVSSOP,SSP

CTR DIRNAME	DR17	DR3X	DR52	DR52X	DQ2	DQ2X	OTH1	OTH2
4492 Charron,D.	DR3		+		+			
910 Hahn,Amy B.	+	DR18	+		+			
4908 Kvam,Vonnett	+		+		+			
54 Pancoska,Car	+		+		+			
793 Rubocki,Rona	DR3		+		+		DR14v	
8063 Shai,Isaac	+		+		+		DR14	

B-CELL LINE TER-460 (Black)

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*03	44%
DRB1*03:01	55%
DRB1*03:01:01G	1%
DRB1*03	100% TOTAL
DRB1*03	29%
DRB1*03:02	61%
DRB1*03:02:01	9%
DRB1*03	99% TOTAL

65 LABS REPORTING DQB1

DQB1*02	25%
DQB1*02:01	65%
DQB1*02:01:01	6%
DQB1*02:01:01G	1%
DQB1*02:02	2%
DQB1*0202	1%
DQB1*02	100% TOTAL
DQB1*02	19%
DQB1*02:02	1%
DQB1*02:03	75%
DQB1*0203	2%
DQB1*02	97% TOTAL

32 LABS REPORTING DQA1

DQA1*05	22%
DQA1*05:01	75%
DQA1*05:01:01	3%
DQA1*05	100% TOTAL

44 LABS REPORTING DRB3

DRB3*+	14%
DRB3*01:01	61%
DRB3*01:01:02	2%
DRB3*01	21%
DRB3*02:02	64%
DRB3*02:02:01	3%
DRB3*02	18%

26 LABS REPORTING DPB1

DPB1*01	4%
DPB1*01:01	77%
DPB1*01:01:01	19%
DPB1*01	100% TOTAL
DPB1*04	4%
DPB1*04:02	4%
DPB1*04:02P	4%
DPB1*04:02:01G	38%
DPB1*105:01	46%

6 SEROLOGY LABS

DR3	33%
DR17	67%
DR18	17%
DR52	100%

DQ2 100%

*** 44 TYPING LABS ***

A26	84%	0.974
A34	70%	1.000
A66	68%	0.979
A11	68%	0.976
A25	64%	0.909
A1	57%	1.000
A43	50%	1.000
A33	41%	1.000
A36	34%	1.000
B73	32%	1.000
A80	30%	1.000
CW7	30%	1.000
A68	20%	1.000
A29	18%	1.000
A31	18%	0.857
A2	16%	0.942
A69	11%	1.000
A74	9%	1.000
A10	9%	0.857
6601	7%	1.000
A28	7%	1.000
A32	7%	1.000
B7	7%	1.000
CX17	7%	1.000
A30	7%	0.889
A19	5%	1.000
A23	5%	1.000
B55	5%	0.750

*** 44 TYPING LABS ***

A26	86%	0.951
A34	80%	1.000
A11	73%	0.866
A66	68%	0.977
A25	68%	0.929
A1	61%	1.000
A43	50%	1.000
A36	36%	1.000
A80	32%	1.000
B73	32%	1.000
CW7	30%	1.000
A33	27%	0.964
A68	16%	1.000
A2	14%	1.000
A29	14%	0.875
A31	11%	1.000
A32	11%	0.923
A10	11%	0.867
A28	7%	1.000
A30	7%	1.000
A69	7%	1.000
6601	5%	1.000
A19	5%	1.000
A74	5%	1.000
B7	5%	1.000
CW1	5%	1.000

Methods:

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

*** 44 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: All

***** SERUM NO. 1057 ***** SERUM NO. 1058 *****

SERUM NO. 1057						SERUM NO. 1058						METHOD		
%	%	A	A	A	A	%	%	A	A	A	A			
POS	8'S	3	2	6	2	1	POS	8'S	2	2	6	3	1	
		4	5	6	6	0			6	5	6	4	0	
Claas, F.H.J.	67	67				+ A11, A33	50	67					+ A11	(1)
Esteves Kond	11	67	+	+	+		9	0	+		+			(1)
Hogan, Patric	10	100	+	+		+	10	33	+	+		+		(1)
Permpikul &	20	71				+	22	71					+	(1)
Suciu-Foca, N	20	10	+	+	+	+	17	6	+	+				(1)
Watson, Narel	18	50	+	+	+	+	15	33	+	+	+	+		(1)

***** SERUM NO.1057 ***** SERUM NO.1058 *****

*** 6 TYPING LABS ***

A34	67%	1.000
A25	67%	0.600
A26	50%	1.000
A66	50%	0.833
A10	33%	0.833
A11	17%	1.000
A33	17%	1.000

*** 6 TYPING LABS ***

A26	67%	0.867
A25	50%	0.667
A34	33%	1.000
A10	33%	0.833
A66	33%	0.800
A11	17%	0.667

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1057 ***** SERUM NO. 1058 *****

SERUM NO. 1057						SERUM NO. 1058						METHOD
%	%	A	A	A		%	%	A	A	A		
POS	8'S	2	2	3		POS	8'S	3	2	2		
		6	5	4				4	6	5		
Askar, Medhat	34	100	+	+	6601, 6602, A11	29	100	+	+	+	6601, 6602	(2)
Dunn, Paul Dr	32	100	+	+	A33	25	100	+	+	A33		(2)
Lardy, N.M. D	19	100	+	+	A66	27	100	+	+	A66		(2)

***** SERUM NO.1057 ***** SERUM NO.1058 *****

*** 3 TYPING LABS ***

A25	100%	1.000
A26	100%	1.000
A34	67%	1.000
6601	33%	1.000
6602	33%	1.000
A33	33%	1.000
A66	33%	1.000
A11	33%	0.750

*** 3 TYPING LABS ***

A26	100%	1.000
A34	100%	1.000
A25	67%	0.750
6601	33%	1.000
6602	33%	1.000
A33	33%	1.000
A66	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: NIH-ext

SERUM NO. 1057											SERUM NO. 1058											METHOD	
%	%	A	A	A	A	A	B	C	A	A	%	%	A	A	A	A	A	A	B	A			
POS	8'S	2	1	6	1	3	4	3	7	5	POS	8'S	1	6	1	6	4	3	5	6	3	0	
Al-Attas,Rab	???	???	+			+	+	+	+	+	A33,CX17,A31>	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Alvarez & Ca	29	100	+	+	+		+			+	A2,A29,A68,A32>	27	100	+	+	+	+	+		+		A2,A29,A30,A68>	(F-3)
Askar,Medhat	98	100	+	+			+	+	+	+	6601,A80	98	100	+	+	+	+	+	+	+	+	6601	(L-3)
Cecka,J.Mich	96	100	+	+	+	+	+	+	+	+	A80,CX17	96	100	+	+	+	+			+		CW7,A33,A68>	(L-3)
Charlton,Ron	96	???	+	+	+	+	+	+			A80	96	???	+	+	+	+	+		+	+	A33	(L-3)
Cohen,JHM Pr	96	???	+	+	+	+	+			+	A2,A19,A28	96	???	+	+	+	+	+	+	+	+	A19,A28,A2	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	CX17,A31,A33	???	???	+	+	+	+		+	+	+	CW7,A33,CX17	(L-3)
Eckels/CPMC,	91	???	+	+	+					+	A2,A29,A30,A31>	90	???	+	+	+	+	+		+		A10,A19,A2,A28	(LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	A80	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Esteves-Kond	98	100	+	+	+	+				+	A29,A74,A30>	96	100	+	+	+	+	+	+	+	+	A29,A31,A32	(L-3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	A80	???	???	+	+	+	+	+	+	+	+		(L-3)
Gandhi,Manis	78	???	+	+	+	+	+	+	+	+	A80	78	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Gautreaux,Mi	98	???	+	+	+					+	A2,A68,B53,B57	98	???	+	+	+	+	+	+			A2,A68,A32	(L-3)
Hahn,Amy B.	71	???	+	+	+				+	+	A10,A80,A19>	71	???	+	+					+	+	A10,CW7,A19,A2>	(L-3)
Hamdi,Nuha D	96	100	+	+	+						A2,A68,CW10,B7>	98	100	+	+	+						A2,CW1,A68,B7>	(L-3)
Han,Hoon Dr	53	???	+	+	+		+			+	A29,A33	55	???	+	+	+	+	+	+	+	+	A29,A33	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	A80	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Hogan,Patric	64	???	+	+	+	+	+			+	A33,A68,A2	51	???	+	+	+	+	+	+	+	+	A33,A68,CW7,A2	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	B7,A33,A80	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Klein,Tirza	78	100	+	+	+	+	+			+	A68,A69,A33>	76	100	+	+	+	+	+	+	+	+	A69,A33,A74>	(L-3)
Loewenthal M	94	???	+	+	+	+				+	A74,A69,A68>	94	???	+	+	+	+	+	+	+	+	A33,B58,A74>	(L-3)
MacCann,Eile	96	???	+	+	+	+	+			+	A33,A31,A74>	96	???	+	+	+	+	+	+	+	+	A31,A33	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	A31,A74,A80>	???	???	+	+	+	+	+	+	+	+		(L-3)
McAlack-Hana	99	100	+	+	+	+	+	+	+	+		95	100	+	+	+	+	+	+	+	+	CW7	(L-3)
McCluskey,Ja	47	???	+	+	+	+	+	+	+	+	A68,A31,A33	40	???	+	+	+	+	+	+	+	+	A33,A68,CW7	(L-3)
Meyer,Pieter	94	???	+	+	+	+				+	CW3,CW1,A23,A2>	96	???	+	+							CW7,CW4,CW3>	(L-3)
Mpuntsha,Loy	63	???	+	+	+	+	+	+	+	+		63	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	A80,A33	???	???	+	+	+	+	+	+	+	+		(L-3)
Pais,Maria L	???	???		+	+	+			+	+	CX17,A33,A68>	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Pancoska,Car	41	100	+	+	+	+	+			+	A80,A29	33	100	+	+	+	+	+	+	+	+	A29	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	A80,A69,CX17	???	???	+	+	+	+	+	+	+	+	CW7,CX17	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	A80	???	???	+	+	+	+	+	+	+	+		(L-3)
Phelan,Donna	69	???	+	+	+	+				+	A10,A29,A30>	71	???	+	+		+	+	+	+	+	A10,A29,A30>	(L-3)
Ramon,Daniel	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		(L-3)
Rosen-Bronso	100	8	+	+	+	+	+	+	+	+	A80	99	8	+	+	+	+	+	+	+	+	CW7	(L-3)
Sage,Deborah	98	???	+	+	+	+				+	A2,A10,A19,A28>	100	???	+	+		+	+	+	+	+	A2,A10,A19,A28>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	A80	???	???	+	+	+	+	+	+	+	+	CW7	(L-3)
Turner,E.V.	???	???	+	+	+	+	+			+	A80,A33	???	???	+	+	+	+	+	+	+	+	A2,A68,A69	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1057 ***** SERUM NO.1058 *****

*** 39 TYPING LABS ***

A11	85%	1.000
A26	85%	1.000
A1	77%	1.000
A66	77%	1.000
A43	74%	1.000
A34	72%	1.000
B73	56%	1.000
A25	51%	1.000
CW7	51%	0.973
A36	49%	1.000
A80	46%	1.000
A33	44%	1.000
A31	26%	1.000
A68	26%	1.000
A29	23%	1.000
A2	21%	1.000
CX17	15%	1.000
A74	13%	1.000
A69	10%	1.000
A10	8%	1.000
A19	8%	1.000
A30	8%	1.000
A32	8%	1.000
B7	8%	1.000
A23	5%	1.000
A28	5%	1.000

*** 39 TYPING LABS ***

A11	90%	1.000
A1	87%	1.000
A26	87%	1.000
A34	77%	1.000
A66	77%	1.000
A43	74%	1.000
A25	67%	1.000
A36	56%	1.000
A80	54%	1.000
B73	54%	1.000
CW7	44%	0.971
A33	28%	1.000
A2	23%	1.000
A68	21%	1.000
A29	18%	1.000
A31	13%	1.000
A10	10%	1.000
A19	10%	1.000
A28	10%	1.000
A30	10%	1.000
A32	10%	1.000
CX17	10%	1.000
A69	5%	1.000
A74	5%	1.000
B7	5%	1.000
CW1	5%	1.000

*** 39 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1057 ***** SERUM NO. 1058 *****

		A	A	A	A	A	A	A			A	A	A	A	A	A				
%	%	2	2	6	3	1	A	3	3	%	%	3	2	2	6	1	3	A		
POS	8'S	6	5	6	4	1	1	3	6	POS	8'S	4	6	5	6	1	3	1	METHOD	
Cecka, J. Mich	90 75	+	+			+	+	+		A2, A29, A30, A31, A32	67 50	+	+	+	+	+	+	+	A29, A32, A36	(4)
Eckels/CPMC,	72 ???	+	+			+	+	+		A28, 6601, A68, A69	70 ???	+	+	+	+	+			A10, A28, A68, A69, B39	(4)
Hahn, Amy B.	66 56	+	+	+	+	+	+	+		B18	49 100	+	+	+	+	+	+		B13, B65	(4)
Mah, Helen	16 100	+	+	+						B38, B76, B55	23 100	+	+	+		+				(4)
Ramon, Daniel	59 ???	+	+	+	+	+	+	+			57 ???	+	+	+	+	+	+	+		(4)
Suciu-Foca, N	22 22	+	+	+	+						22 22	+	+	+	+					(4)

***** SERUM NO.1057 ***** SERUM NO.1058 *****

*** 6 TYPING LABS ***

A25	100%	0.917
A26	100%	0.867
A1	67%	1.000
A34	67%	1.000
A66	67%	1.000
A11	67%	0.968
A33	50%	1.000
A36	33%	1.000
6601	17%	1.000
A28	17%	1.000
A29	17%	1.000
A32	17%	1.000
A68	17%	1.000
A69	17%	1.000
B18	17%	1.000
B76	17%	1.000
A2	17%	0.880
A30	17%	0.857
B38	17%	0.667
A31	17%	0.500
B55	17%	0.500

*** 6 TYPING LABS ***

A25	100%	1.000
A34	100%	1.000
A26	100%	0.867
A66	83%	1.000
A11	83%	0.733
A33	50%	0.929
A1	33%	1.000
A10	17%	1.000
A28	17%	1.000
A36	17%	1.000
A68	17%	1.000
A69	17%	1.000
B13	17%	1.000
B39	17%	1.000
B65	17%	1.000
A32	17%	0.667
A29	17%	0.500

*** 6 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Antiglobulin

***** SERUM NO. 1057 ***** ***** SERUM NO. 1058 *****

***** SERUM NO. 1057 *****											***** SERUM NO. 1058 *****											METHOD				
%	%	A	A	A	A	A	A	A	A	A	%	%	A	A	A	A	A	A	A	A	A					
POS	8'S	2	1	1	0	6	3	2	9	6	2	POS	8'S	6	5	1	1	0	8	4	3	2	6			
Esteves-Kond	95	82	+	+	+	+		+	+	+		A74	91	36	+	+	+	+			+	+		A29,A31	(5)	
Hahn,Amy B.	24	???	+	+	+	+	+	+	+	+	+		23	???	+	+	+	+	+	+	+	+	+		(5)	
Pancoska,Car	32	60	+	+	+		+			+	+	A34,A36,A68>	26	60	+	+	+	+	+	+	+			+	A36,A2	(5)

***** SERUM NO.1057 ***** ***** SERUM NO.1058 *****

*** 3 TYPING LABS ***

A11	100%	1.000
A25	100%	1.000
A1	100%	0.923
A2	67%	1.000
A26	67%	1.000
A29	67%	1.000
A32	67%	1.000
A33	67%	1.000
A66	67%	1.000
A80	67%	1.000
A34	33%	1.000
A36	33%	1.000
A68	33%	1.000
A69	33%	1.000
A74	33%	1.000

*** 3 TYPING LABS ***

A11	100%	1.000
A25	100%	1.000
A66	100%	1.000
A1	100%	0.929
A26	67%	1.000
A32	67%	1.000
A33	67%	1.000
A34	67%	1.000
A68	67%	1.000
A80	67%	1.000
A2	33%	1.000
A29	33%	1.000
A31	33%	1.000
A36	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Elisa

SERUM NO. 1059											SERUM NO. 1060											METHOD						
%	%	A 2	A 2	A 3	A 6	A 1	A 3	A 4	A 2	A 3	A 6	%	%	A 1	A 1	A 7	A 5	A 2	A 2	A 3	A 8		A 3	A 7	A 3	A 7	C W	
POS	8'S	6	5	4	6	1	3	3	9	1	8	POS	8'S	1	1	7	5	6	4	0	6	3	7					
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+		+		+	+		+	+		+	+	B27,A43,B61	(3)
Alvarez & Ca	13	100	+	+	+						+	A32	31	100	+	+	+	+	+	+							B13,B40,B27>	(3)
Askar,Medhat	29	100	+	+								6601,6602	31	100	+		+	+									6601	(2)
Cecka,J.Mich	27	22	+	+	+	+	+						85	100	+	+	+	+	+	+	+	+					B13,B27	(4)
Charlton,Ron	96	???	+	+	+	+	+	+	+				96	???	+	+	+	+				+	+	+			A43	(3)
Claas,F.H.J.	42	100										A10	38	40	+	+											A10	(1)
Cohen,JHM Pr	75	???	+	+	+	+	+			+		A28,A19,A74>	65	???	+	+	+	+	+				+				B40,B13,B27>	(3)
Dunk,Arthur	15	100	+	+	+							6601	62	100			+										B81,B55,B60>	(6)
Dunn,Paul Dr	24	100	+	+	+								44	100				+	+								A23,B8	(2)
Eckels/CPMC,	32	???	+	+	+	+						A10	88	???													MULTI	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	+	+		(3)
Esteves Kond	5	???										???	19	???													???	(1)
Esteves-Kond	75	0	+	+		+	+			+	+	A74,A32,A30	86	100	+	+	+	+	+	+	+	+	+				A66,A43	(3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+		+	+	+	+	+	+	+	+	+	CW6	(3)
Gandhi,Manis	75	???	+	+	+	+	+	+	+	+	+		76	???	+	+	+	+	+	+	+	+	+	+	+	+	B81	(3)
Gautreaux,Mi	44	???	+	+	+	+				+		6602,6601	???	???	+	+	+	+	+								A68,B81	(3)
Hahn,Amy B.	27	100	+	+	+	+						B62	84	74	+	+		+	+								A66	(4)
Hamdi,Nuha D	38	100	+	+	+	+	+	+		+		CW5,A74,B13	87	100	+		+								+	CW1,CW10,B63>	(3)	
Han,Hoon Dr	64	???	+	+	+	+	+	+	+	+		A32	47	???	+	+	+	+	+	+			+				A66	(3)
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	+	+	A66	(3)
Hogan,Patric	8	100	+	+									47	60	+	+	+										B8	(1)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	+	+	A66	(3)
Klein,Tirza	50	100	+	+	+	+	+	+	+			B71,B57	71	100		+							+				B54,B56,B55>	(3)
Lardy,N.M. D	23	100	+	+	+	+							65	???	+		+	+	+	+							A66,A30	(2)
Loewenthal M	82	???	+	+	+	+	+			+	+	A32,A74	94	???	+	+	+	+	+	+							B54,B56,A43>	(3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+	+	+		+					A66,B60,A43	(3)
Mah,Helen	14	100	+	+	+	+							40	100	+	+	+	+	+								B55,B56,A32>	(4)
McAlack-Hana	61	100	+	+	+	+	+	+	+	+	+		84	100	+	+	+					+	+	+	+	+		(3)
McCluskey,Ja	10	???	+	+	+		+	+	+	+	+	6601,6602	???	???	+		+	+	+	+		+	+				6601,B27,A43	(3)
Meyer,Pieter	98	???	+									CW7,CW6,CW4,A1>	96	???		+		+		+			+				CW6,CW4,CW3>	(3)
Mpuntscha,Loy	46	???	+	+	+	+	+	+	+	+	+		51	???		+	+	+	+	+	+	+	+	+	+	+	B81	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	+	+	A66	(3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+	+	+	+	+	B48	(3)
Pancoska,Car	22	100	+	+	+	+				+			45	100	+	+	+	+	+		+	+	+	+	+	+	B61,B81	(3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+		???	???		+	+	+	+	+	+	+	+	+	+	+	CW6,CX18,B81>	(3)
Permpikul &	17	100	+										52	48	+												A10	(1)
Phelan,Donna	24	???					+	+	+	+	+	A10,A28,A32>	55	???	+	+					+	+					A10,A29,A43,7C>	(3)
Ramon,Daniel	28	???	+	+	+	+							86	???	+	+	+	+	+	+							A66,B27,B42	(4)
Rosen-Bronso	61	8	+	+	+	+	+	+	+	+	+		89	8	+	+	+	+	+	+	+	+	+	+	+	+	A43	(3)
Sage,Deborah	98	???					+			+		A10,A19,A28	99	???	+	+	+				+	+					A10,A29,A30>	(3)
Suciu-Foca,N	6	0	+										11	50	+	+		+										(1)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+	+	+	+	+	A43	(3)
Turner,E.V.	???	???	+	+	+	+				+	+	A30,A32,A74	???	???	+	+	+	+	+	+	+	+	+	+	+	+	A66,A43	(3)
Watson,Narel	???	67	+	+	+								52	22	+	+	+	+	+								A66	(1)

*** 44 TYPING LABS ***

A26	91%	0.976
A25	84%	0.982
A34	75%	0.978
A66	68%	0.976
A11	59%	0.922
A33	52%	1.000
A43	50%	1.000
A29	45%	1.000
A31	36%	1.000
A68	34%	1.000
A74	16%	0.909
A32	14%	1.000
6601	9%	1.000
A10	9%	1.000
6602	7%	1.000
A28	7%	1.000
A30	7%	1.000
A19	5%	1.000
A23	5%	1.000

*** 44 TYPING LABS ***

A11	82%	0.858
A1	73%	0.818
A25	66%	1.000
B7	66%	0.906
A26	61%	0.881
A34	55%	1.000
A36	50%	1.000
A80	50%	1.000
B73	39%	1.000
CW7	32%	0.966
A66	32%	0.950
A43	27%	1.000
B81	16%	1.000
B27	14%	1.000
B61	11%	1.000
B55	9%	1.000
CW6	9%	1.000
B13	9%	0.875
A10	9%	0.818
A29	7%	1.000
B54	7%	1.000
B56	7%	1.000
B60	7%	0.889
6601	5%	1.000
A30	5%	1.000
B40	5%	1.000
CW1	5%	1.000
B8	5%	0.400

Methods:

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

*** 44 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: All

***** SERUM NO. 1059 ***** SERUM NO. 1060 *****

SERUM NO. 1059					SERUM NO. 1060						METHOD	
%	%	A	A		%	%	A	A	A			
POS	8'S	2	2		POS	8'S	1	1	7	6	0	
Claas, F.H.J.	42	100		A10	38	40	+	+			+	(1)
Esteves Kond	5	???		???	19	???					???	(1)
Hogan, Patric	8	100	+	+	47	60	+	+	+		B8	(1)
Permpikul &	17	100	+		52	48	+				+	(1)
Suciu-Foca, N	6	0	+		11	50	+	+			+	(1)
Watson, Narel	???	67	+	+	A66						A66, A25	(1)

***** SERUM NO.1059 ***** SERUM NO.1060 *****

*** 6 TYPING LABS ***

A26	67%	0.944
A25	33%	1.000
???	17%	1.000
A10	17%	1.000
A66	17%	1.000

*** 6 TYPING LABS ***

A11	83%	0.667
A1	67%	0.639
B7	33%	0.800
A10	33%	0.778
A26	33%	0.778
???	17%	1.000
A25	17%	1.000
A66	17%	1.000
B8	17%	0.250

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1059 ***** SERUM NO. 1060 *****

SERUM NO. 1059					SERUM NO. 1060						METHOD		
%	%	A	A	A	%	%	A	A	A				
POS	8'S	2	2	3	POS	8'S	2	B	3	1			
Askar, Medhat	29	100	+	+	6601, 6602	31	100	+	+	+	6601	(2)	
Dunn, Paul Dr	24	100	+	+	+	44	100	+		+	A23, B8	(2)	
Lardy, N.M. D	23	100	+	+	+	A66	65	???	+	+	+	A25, A66, A30	(2)

***** SERUM NO.1059 ***** SERUM NO.1060 *****

*** 3 TYPING LABS ***

A25	100%	1.000
A26	100%	1.000
A34	67%	1.000
6601	33%	1.000
6602	33%	1.000
A66	33%	1.000

*** 3 TYPING LABS ***

A26	100%	0.778
A11	67%	1.000
A34	67%	1.000
B7	67%	0.875
6601	33%	1.000
A23	33%	1.000
A25	33%	1.000
A30	33%	1.000
A66	33%	1.000
B8	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: NIH-ext

	SERUM NO. 1059										SERUM NO. 1060										METHOD		
	% POS	% 8'S	A 2	A 2	A 1	A 3	A 3	A 6	A 4	A 2	A 3	A 6	A 1	A 1	A 5	A 7	A 8	A 3	A 3	B 7		A 2	C 7
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	B27,A43,B61	(L-3)
Alvarez & Ca	13	100	+	+		+	+				+	A32	31	100	+	+	+	+		+	+	B13,B40,B27>	(F-3)
Askar,Medhat	74	100	+	+	+	+	+		+	+	+	6601,6602	96	100	+	+	+	+	+	+	+		(L-3)
Cecka,J.Mich	64	100	+	+	+	+	+	+	+	+	+		91	100	+	+	+	+	+	+	+	A66	(L-3)
Charlton,Ron	96	???	+	+	+	+	+	+	+	+	+		96	???	+	+	+	+	+	+		A43	(L-3)
Cohen,JHM Pr	75	???	+	+	+	+	+	+	+	+	+	A28,A19,A74>	65	???	+	+	+	+		+	+	B40,B13,B27>	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+		???	???								A29,A23,B71,B8>	(L-3)
Eckels/CPMC,	92	???	+	+	+						+	A10,A19,A23>	95	???	+	+	+		+	+	+	A10,A43,6601>	(LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+		(L-3)
Esteves-Kond	75	0	+	+	+		+	+	+	+	+	A74,A32,A30	86	100	+	+	+	+	+	+	+	A66,A43	(L-3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	CW6	(L-3)
Gandhi,Manis	75	???	+	+	+	+	+	+	+	+	+		76	???	+	+	+	+	+	+	+	B81	(L-3)
Gautreaux,Mi	44	???	+	+	+	+				+		6602,6601	???	???	+	+	+	+	+	+	+	A68,B81	(L-3)
Hahn,Amy B.	34	???		+								A10,A19,A28,A9>	53	???	+		+	+	+		+	A10,B81,B27>	(L-3)
Hamdi,Nuha D	38	100	+	+	+	+	+					CW5,A74,B13	87	100	+		+				+	CW1,CW10,B63>	(L-3)
Han,Hoon Dr	64	???	+	+	+	+	+			+		A32	47	???	+	+	+		+	+	+	A66	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	A66	(L-3)
Hogan,Patric	18	???	+	+	+	+	+	+	+	+	+		NT										(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	A66	(L-3)
Klein,Tirza	50	100	+	+	+	+	+	+	+	+	+	B71,B57	71	100		+				+		B54,B56,B55>	(L-3)
Loewenthal M	82	???	+	+	+	+		+	+	+	+	A32,A74	94	???	+	+	+	+	+		+	B54,B56,A43>	(L-3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+	+	+	+	A66,B60,A43	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	B48,B13,A43	(L-3)
McAlack-Hana	61	100	+	+	+	+	+	+	+	+	+		84	100	+	+	+	+	+	+	+		(L-3)
McCluskey,Ja	10	???	+	+	+	+		+	+	+	+	6601,6602	???	???	+		+	+	+	+	+	6601,B27,A43	(L-3)
Meyer,Pieter	98	???	+									CW7,CW6,CW4,A1>	96	???	+		+			+	+	CW6,CW4,CW3>	(L-3)
Mpuntsa,Loy	46	???	+	+	+	+	+	+	+	+	+		51	???		+	+	+	+	+	+	B81	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	A66	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	B48	(L-3)
Pancoska,Car	22	100	+	+	+		+	+	+	+	+		45	100	+	+	+	+	+	+	+	B61,B81	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	CW6,CX18,B81>	(L-3)
Permpikul &	???	???	+	+	+	+	+						???	???	+	+	+	+	+	+	+	A43	(L-3)
Phelan,Donna	24	???		+		+		+	+	+	+	A10,A28,A32>	55	???	+	+	+	+				A10,A29,A43,7C>	(L-3)
Ramon,Daniel	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	B61	(L-3)
Rosen-Bronso	61	8	+	+	+	+	+	+	+	+	+		89	8	+	+	+	+	+	+	+	A43	(L-3)
Sage,Deborah	98	???		+				+				A10,A19,A28	99	???	+	+	+	+	+	+	+	A10,A29,A30>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	B81	(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	A43	(L-3)
Turner,E.V.	???	???	+	+		+	+	+	+	+	+	A30,A32,A74	???	???	+	+	+	+	+	+	+	A66,A43	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1059 ***** SERUM NO.1060 *****

*** 39 TYPING LABS ***

A26	92%	1.000
A25	90%	1.000
A11	87%	0.983
A34	85%	1.000
A33	79%	0.956
A66	77%	1.000
A43	74%	1.000
A29	72%	0.976
A31	56%	1.000
A68	54%	1.000
A74	18%	0.909
A32	15%	1.000
A28	13%	1.000
A10	10%	1.000
A19	10%	1.000
A30	10%	1.000
6601	8%	1.000
6602	8%	1.000
A23	8%	1.000

*** 39 TYPING LABS ***

A11	85%	1.000
A1	79%	1.000
A25	77%	1.000
B7	74%	1.000
A80	69%	1.000
A36	67%	1.000
A34	64%	1.000
B73	62%	1.000
A26	56%	1.000
CW7	54%	0.962
A43	38%	1.000
A66	26%	1.000
B81	21%	1.000
B27	13%	1.000
B61	13%	1.000
A10	10%	1.000
A29	10%	1.000
CW6	10%	1.000
B13	8%	1.000
B60	8%	1.000
6601	5%	1.000
B40	5%	1.000
B48	5%	1.000
B52	5%	1.000
B54	5%	1.000
B55	5%	1.000
B56	5%	1.000
CW1	5%	1.000

*** 39 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1059 ***** SERUM NO. 1060 *****

SERUM NO. 1059						SERUM NO. 1060										METHOD		
%	%	A	A	A	A	%	%	A	A	A	A	A	A	B	B			
POS	8'S	6	3	2	2	POS	8'S	6	5	1	1	6	6	4	7	7		
Cecka, J. Mich	27	22	+	+	+	+	A11	85	100	+	+	+	+	+	+	+	A80, B13	(4)
Eckels/CPMC,	32	???	+	+	+	+	A10	88	???								MULTI	(4)
Hahn, Amy B.	27	100	+	+	+	+	B62	84	74	+	+	+	+	+	+			(4)
Mah, Helen	14	100	+	+	+	+		40	100	+	+	+	+	+	+		B55, B56, A32, B54	(4)
Ramon, Daniel	28	???	+	+	+	+		86	???	+	+	+	+	+	+	+	B42	(4)
Suciu-Foca, N	12	60	+	+	+	+		25	10	+	+	+	+					(4)

***** SERUM NO. 1059 ***** SERUM NO. 1060 *****

*** 6 TYPING LABS ***

A26	100%	0.933
A25	100%	0.917
A34	100%	0.909
A66	100%	0.889
A10	17%	1.000
B62	17%	1.000
A11	17%	0.750

*** 6 TYPING LABS ***

A25	83%	1.000
A11	83%	0.917
A1	83%	0.793
A26	83%	0.786
A34	50%	1.000
A36	50%	1.000
A66	50%	0.833
B27	33%	1.000
B7	33%	0.857
A80	17%	1.000
B13	17%	1.000
B42	17%	1.000
B54	17%	1.000
B55	17%	1.000
B56	17%	1.000
MULTI	17%	1.000
A32	17%	0.500

*** 6 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Antiglobulin

***** SERUM NO. 1059 ***** SERUM NO. 1060 *****

SERUM NO. 1059				SERUM NO. 1060										METHOD					
	%	%		A	A	A		A	A	B	B	B	A	A					
POS	8'S			6	2	2		2	1	8	B	2	1	8	2	A			
Esteves-Kond	29	67	+	+	+	A34,A29		80	75	+	+				+	+	+	A34,A66	(5)
Hahn,Amy B.	5	???	+	+	+	A32		31	???	+	+	+	+	+				B60,B67,B47,B61	(5)
Pancoska,Car	6	0	+	+	+			31	100	+	+	+	+	+	+	+	+	A36	(5)

***** SERUM NO.1059 ***** SERUM NO.1060 *****

*** 3 TYPING LABS ***

A25	100%	1.000
A26	100%	1.000
A66	100%	0.833
A32	33%	1.000
A34	33%	0.667
A29	33%	0.600

*** 3 TYPING LABS ***

A11	100%	1.000
A26	100%	1.000
A25	67%	1.000
A80	67%	1.000
B7	67%	1.000
B13	67%	1.000
B27	67%	1.000
B81	67%	1.000
A1	67%	0.933
A34	33%	1.000
A36	33%	1.000
B47	33%	1.000
B60	33%	1.000
B61	33%	1.000
B67	33%	1.000
A66	33%	0.750

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Elisa

	SERUM NO. 1061											SERUM NO. 1062											METHOD			
	%	%	B	B	B	B	B	B	B	C	B	X	%	%	B	B	B	B	B	B	B	B		B		
POS	8'S	4	4	4	5	6	6	4	W	7	1	POS	8'S	4	1	5	0	0	9	1	3	6	2			
Al-Attas,Rab	???	???	+	+	+	+		+	+	+	+	CX15	???	???	+	+		+	+	+	+	+	+	(3)		
Alvarez & Ca	21	100	+	+	+		+				+	B13	23	100	+	+	+	+		+		+	+	A24,A23	()	
Askar,Medhat	34	100	+	+	+	+						B13	29	100	+	+								(2)		
Baker,Judy	84	???	+	+	+	+	+	+	+	+		B78,CX15	64	???	+	+	+	+	+	+	+	+	+	+	(3)	
Cecka,J.Mich	82	100	+	+	+	+		+	+	+	+	CW5	62	100	+	+		+	+	+	+	+	+	A24	(3)	
Claas,F.H.J.	29	67	+										58	83	+			+							(1)	
Cohen,JHM Pr	71	???	+	+	+	+	+	+			+	B13,B35	58	???	+	+	+	+	+	+	+	+	+	A1	(3)	
Dunk,Arthur	38	100	+	+	+	+	+					B42,B81	33	100	+	+	+	+	+					B48	(6)	
Dunn,Paul Dr	???	???	+	+	+	+	+						???	???	+	+	+	+	+	+					(2)	
Eckels/CPMC,	50	???	+	+	+	+	+					A2,B13,B71	57	???	+	+	+	+	+	+				A23,A80,B7	(4)	
Esteves Kond	12	75	+	+	+								16	100	+	+								B65	(1)	
Esteves-Kond	88	50	+	+	+	+	+	+				B13,B47,B46	58	100	+	+	+	+	+		+			A1,A23,A24	(3)	
Fort,Maryliss	???	???	+	+	+		+		+	+		CW2,B47,CW5	???	???	+	+	+	+	+	+	+	+		B47	(3)	
Gandhi,Manis	78	???	+	+	+	+	+	+	+	+	+	CX15	78	???	+	+	+	+	+	+	+	+	+	+	(3)	
Gautreaux,Mi	70	???	+	+	+	+	+	+			+		66	???	+	+	+	+	+					A24,A23	(3)	
Hahn,Amy B.	39	73	+	+	+							B12,B40	30	100	+	+	+		+					B12	(4)	
Hamdi,Nuha D	82	100	+	+					+			CW5,B51,A32,A1>	58	100	+	+	+	+				+		A24,A23,CW6,A1	(3)	
Han,Hoon Dr	49	???	+	+	+	+	+				+	B13,B47,B82	38	???	+	+	+	+	+		+	+	+	B47	(3)	
Hogan,Patric	35	42	+	+	+								36	100	+	+									(1)	
Holdsworth,R	???	???	+	+		+	+	+	+	+	+	CX15	???	???	+	+		+	+	+	+	+	+	A24	(3)	
Klein,Tirza	58	100		+	+	+	+	+				B47,B13,B37>	62	100	+	+	+	+	+	+	+	+	+	B47,B37	(3)	
Lardy,N.M. D	27	100	+	+	+								48	100	+	+	+	+	+	+				B48,B52,B47	(2)	
Loewenthal M	96	100	+	+	+	+						B40,A80,B81,A2>	78	100	+	+	+						+	B40,B14,B7,B56>	(3)	
MacCann,Eile	98	???	+	+	+	+	+	+				B47,B72,B13	92	???	+	+	+	+	+	+				B47,A23,A24	(3)	
Mah,Helen	45	100	+	+	+	+	+	+				B37	52	100	+	+	+	+	+	+	+			A1,B8	(4)	
McAlack-Hana	88	100	+	+	+	+		+	+	+		CX15	90	100	+	+	+	+	+	+	+	+	+	+	(3)	
Meyer,Pieter	84	???	+	+	+			+	+	+		CW3,CW1,A2,A31>	90	???	+	+		+						CW9,CW6,A24,A1>	(3)	
Mpuntscha,Loy	60	???	+			+	+	+	+	+	+	CX15	47	???	+	+	+		+	+	+	+	+	A23,A24	(3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B82,B47	???	???	+	+	+	+	+	+	+	+	+	A24	(3)	
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	CX15,B13	???	???	+	+	+	+	+	+	+	+	+	A24,A23	(3)	
Pancoska,Car	46	100	+	+	+	+	+	+	+	+	+	CW2,CX15	38	100	+	+	+	+	+	+	+	+	+	+	(3)	
Pereira,Noem	???	???	+	+	+		+	+	+	+	+	CW5,CW2,B47	???	???	+	+	+	+	+	+	+	+	+	B47	(3)	
Permpikul &	5	100	+										14	83	+										(1)	
Phelan,Donna	51	???										12C,B27,B56,5C>	35	???										12C,B7,B55,B56>	(3)	
Ramon,Daniel	33	???	+	+	+	+	+						55	???	+	+	+	+	+	+	+	+	+	+	B27,B56,B52	(4)
Rosen-Bronso	92	8	+	+	+	+		+	+	+	+	CX15	90	???	+	+	+	+	+	+	+	+	+	+	A24	(3)
Sage,Deborah	96	???									+	A2,A30,A32,B5>	94	???							+			A1,A9,A80,B7>	(3)	
Suciu-Foca,N	50	67										B12,B40	50	83										B12,B21	(1)	
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B62,B13	???	???	+	+	+	+	+	+	+	+	+	+	B52	(3)
Watson,Narel	18	33	+		+								28	100	+	+								A23,A24	(1)	

*** 40 TYPING LABS ***

B44	85%	0.905
B45	75%	1.000
B49	75%	0.918
B50	60%	1.000
B60	53%	0.886
B61	48%	1.000
B41	45%	1.000
B76	35%	1.000
CW6	35%	1.000
B13	25%	1.000
CX18	25%	0.929
CX15	23%	1.000
B47	18%	1.000
A2	15%	1.000
CW2	10%	1.000
CW5	10%	0.857
A32	8%	1.000
B12	8%	0.952
B81	8%	0.800
B40	8%	0.762
B18	5%	1.000
B35	5%	1.000
B37	5%	1.000
B51	5%	1.000
B82	5%	1.000
CW3	5%	1.000
CW1	5%	1.000

*** 40 TYPING LABS ***

B44	88%	1.000
B45	70%	1.000
B61	70%	0.933
B49	65%	0.955
B50	65%	0.941
B60	65%	0.939
B13	53%	1.000
B41	53%	1.000
B76	43%	1.000
B82	35%	1.000
A24	33%	0.864
A23	25%	0.950
B47	15%	1.000
A1	15%	0.955
B52	13%	1.000
B7	10%	1.000
B48	10%	0.800
B56	8%	1.000
B12	8%	0.952
A80	5%	1.000
B27	5%	1.000
B55	5%	1.000
CW6	5%	0.923

Methods:

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

*** 40 LABORATORIES REPLIED ***

***** SERUM NO. 1061 ***** SERUM NO. 1062 *****

	SERUM NO. 1061				SERUM NO. 1062				METHOD		
	%	%	B	B	%	%	B	B			
POS	8'S	4	5	4	5	4	5	4	5		
Claas, F.H.J.	29	67	+			58	83	+		B50	(1)
Esteves Kond	12	75	+	+		16	100	+	+	B65	(1)
Hogan, Patric	35	42	+	+		36	100	+	+		(1)
Permpikul &	5	100	+			14	83	+			(1)
Suciu-Foca, N	50	67			B12, B40	50	83			B12, B21	(1)
Watson, Narel	18	33	+	+		28	100	+	+	A23, A24	(1)

***** SERUM NO.1061 ***** SERUM NO.1062 *****

*** 6 TYPING LABS ***

B44 83% 0.792
 B45 50% 1.000
 B12 17% 0.889
 B40 17% 0.889

*** 6 TYPING LABS ***

B44 83% 1.000
 B45 50% 1.000
 B50 17% 1.000
 B12 17% 0.889
 B21 17% 0.750
 B65 17% 0.667
 A23 17% 0.500
 A24 17% 0.250

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1061 ***** SERUM NO. 1062 *****

	SERUM NO. 1061					SERUM NO. 1062						METHOD			
	%	%	B	B	B	%	%	B	B	B	B		B		
POS	8'S	9	5	4	0	POS	8'S	5	4	1	0	0	9		
Askar, Medhat	34	100	+	+	+	29	100	+	+					(2)	
Dunn, Paul Dr	???	???	+	+	+	???	???	+	+	+	+	+	+	B41	(2)
Lardy, N.M. D	27	100	+	+	+	48	100	+	+	+	+	+	+	B48, B52, B47	(2)

***** SERUM NO.1061 ***** SERUM NO.1062 *****

*** 3 TYPING LABS ***

B44 100% 1.000
 B45 100% 1.000
 B49 100% 0.600
 B50 67% 1.000
 B60 33% 1.000

*** 3 TYPING LABS ***

B44 100% 1.000
 B45 100% 1.000
 B49 67% 1.000
 B50 67% 1.000
 B61 67% 1.000
 B60 67% 0.833
 B41 33% 1.000
 B47 33% 1.000
 B48 33% 1.000
 B52 33% 1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: NIH-ext

	SERUM NO. 1061											SERUM NO. 1062											METHOD		
	%	%	B 4	B 4	B 4	B 4	B 6	B 5	C W	B 7	B 6	C X	POS	%	%	B 4	B 6	B 1	B 6	B 4	B 5	B 4		B 4	B 7
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	CX18	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Askar,Medhat	92	100	+	+	+	+	+	+	+	+	+	CX18	90	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Baker,Judy	84	???	+	+	+	+	+	+	+	+	+	B78	64	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Cecka,J.Mich	82	100	+	+	+	+	+	+	+	+	+	CW5,CX18	62	100	+	+	+	+	+	+	+	+	+	+	A24 (L-3)
Cohen,JHM Pr	71	???	+	+	+	+	+	+	+	+	+	B13,B35	58	???	+	+	+	+	+	+	+	+	+	+	A1 (L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	CX18,B82	???	???	+	+	+	+	+	+	+	+	+	+	8201,A24 (L-3)
Eckels/CPMC	48	???	+	+	+	+	+	+	+	+	+	A2,A32,B13,B27>	96	???	+	+	+	+	+	+	+	+	+	+	A1,A23,A80,B27 (LF-3)
Esteves-Kond	88	50	+	+	+	+	+	+	+	+	+	B13,B47,B46	58	100	+	+	+	+	+	+	+	+	+	+	A1,A23,A24 (F-3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	CW2,CX18,B47>	???	???	+	+	+	+	+	+	+	+	+	+	B47 (L-3)
Gandhi,Manis	78	???	+	+	+	+	+	+	+	+	+	CX18	78	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Gautreaux,Mi	70	???	+	+	+	+	+	+	+	+	+	CX18	66	???	+	+	+	+	+	+	+	+	+	+	A24,A23 (L-3)
Hahn,Amy B.	64	???	+	+	+	+	+	+	+	+	+	CX18	44	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Hamdi,Nuha D	82	100	+	+	+	+	+	+	+	+	+	CW5,B51,A32,A1>	58	100	+	+	+	+	+	+	+	+	+	+	A24,A23,CW6,A1 (L-3)
Han,Hoon Dr	49	???	+	+	+	+	+	+	+	+	+	B13,B47,B82	38	???	+	+	+	+	+	+	+	+	+	+	B47 (L-3)
Hogan,Patric	???	???	+	+	+	+	+	+	+	+	+	B82,CX18,CW5	???	???	+	+	+	+	+	+	+	+	+	+	A24,B47 (L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	CX18	???	???	+	+	+	+	+	+	+	+	+	+	A24 (L-3)
Klein,Tirza	58	100	+	+	+	+	+	+	+	+	+	B47,B13,B37>	62	100	+	+	+	+	+	+	+	+	+	+	B47,B37 (L-3)
Loewenthal M	96	100	+	+	+	+	+	+	+	+	+	B40,A80,B81,A2>	78	100	+	+	+	+	+	+	+	+	+	+	B40,B14,B7,B56> (L-3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+	+	B47,B72,B13	92	???	+	+	+	+	+	+	+	+	+	+	B47,A23,A24 (L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	CX18,CX17	???	???	+	+	+	+	+	+	+	+	+	+	8201,A24,A1> (L-3)
McAlack-Hana	88	100	+	+	+	+	+	+	+	+	+		90	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Meyer,Pieter	84	???	+	+	+	+	+	+	+	+	+	CW3,CW1,A2,A31>	90	???	+	+	+	+	+	+	+	+	+	+	CW9,CW6,A24,A1> (L-3)
Mpuntscha,Loy	60	???	+	+	+	+	+	+	+	+	+	CX18	47	???	+	+	+	+	+	+	+	+	+	+	A23,A24 (L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B82,B47	???	???	+	+	+	+	+	+	+	+	+	+	A24 (L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	B13	???	???	+	+	+	+	+	+	+	+	+	+	A24,A23 (L-3)
Pancoska,Car	46	100	+	+	+	+	+	+	+	+	+	CW2,CX18	38	100	+	+	+	+	+	+	+	+	+	+	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	CW5,CW2,B47>	???	???	+	+	+	+	+	+	+	+	+	+	B47 (L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	A23,B47 (L-3)
Phelan,Donna	51	???	+	+	+	+	+	+	+	+	+	12C,B27,B56,5C>	35	???	+	+	+	+	+	+	+	+	+	+	12C,B7,B55,B56> (L-3)
Ramon,Daniel	80	???	+	+	+	+	+	+	+	+	+		60	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Rosen-Bronso	92	8	+	+	+	+	+	+	+	+	+	CX18	90	???	+	+	+	+	+	+	+	+	+	+	A24 (L-3)
Sage,Deborah	96	???	+	+	+	+	+	+	+	+	+	A2,A30,A32,B5>	94	???	+	+	+	+	+	+	+	+	+	+	A1,A9,A80,B7> (L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	B56	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B62,B13	???	???	+	+	+	+	+	+	+	+	+	+	B52 (L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1061 ***** SERUM NO.1062 *****

*** 34 TYPING LABS ***

B44	88%	0.975
B45	82%	1.000
B49	79%	1.000
B41	74%	1.000
B50	68%	1.000
B61	68%	1.000
B76	62%	1.000
CW6	62%	1.000
B60	59%	1.000
CX15	50%	1.000
CX18	44%	0.947
B13	26%	1.000
B47	24%	1.000
A2	18%	1.000
CW5	15%	0.875
A32	12%	1.000
B82	12%	1.000
CW2	12%	1.000
B35	9%	1.000
B18	6%	1.000
B27	6%	1.000
B46	6%	1.000
B51	6%	1.000
B56	6%	1.000
B81	6%	1.000
CW3	6%	1.000
CW1	6%	1.000

*** 34 TYPING LABS ***

B44	88%	1.000
B13	82%	1.000
B61	82%	1.000
B60	79%	1.000
B45	76%	1.000
B50	74%	1.000
B49	74%	0.971
B41	71%	1.000
B76	65%	1.000
B82	56%	1.000
A24	41%	1.000
A23	26%	1.000
B47	26%	1.000
A1	21%	1.000
B7	9%	1.000
B52	9%	1.000
8201	6%	1.000
A80	6%	1.000
B27	6%	1.000
B42	6%	1.000
B48	6%	1.000
B55	6%	1.000
B56	6%	1.000
CW6	6%	0.923

*** 34 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1061 ***** SERUM NO. 1062 *****

	SERUM NO. 1061								SERUM NO. 1062								METHOD					
	%	%	B 4	B 4	B 4	B 6	B 5	B 6	B 4	B 1	%	%	B 4	B 6	B 4	B 4		B 6	B 5	B 4	B 1	
Eckels/CPMC,	50	???	+	+	+	+	+	+		A2,B13,B71	57	???	+	+	+	+	+	+	+		A23,A80,B7	(4)
Hahn,Amy B.	39	73	+	+	+				+	+	30	100	+	+	+	+				+		(4)
Mah,Helen	45	100	+	+		+	+	+		B41,B37	52	100	+	+	+		+	+	+		A1,B13,B8	(4)
Ramon,Daniel	33	???	+	+	+	+	+				55	???	+	+	+	+	+	+			B27,B56,B52	(4)
Suciu-Foca,N	40	62	+		+				+	+	65	85	+		+				+		B21,B40	(4)

***** SERUM NO.1061 ***** SERUM NO.1062 *****

*** 5 TYPING LABS ***

B44	100%	1.000
B49	80%	1.000
B45	80%	0.933
B50	60%	1.000
B60	60%	0.857
B61	40%	1.000
B12	40%	0.933
B40	40%	0.750
A2	20%	1.000
B13	20%	1.000
B37	20%	1.000
B41	20%	1.000
B71	20%	1.000

*** 5 TYPING LABS ***

B44	100%	1.000
B49	80%	1.000
B45	80%	0.933
B61	80%	0.846
B41	60%	1.000
B50	60%	1.000
B60	60%	1.000
B12	40%	0.950
A23	20%	1.000
A80	20%	1.000
B7	20%	1.000
B8	20%	1.000
B13	20%	1.000
B27	20%	1.000
B52	20%	1.000
B56	20%	1.000
B40	20%	0.889
A1	20%	0.875
B21	20%	0.760

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Antiglobulin

***** SERUM NO. 1061 ***** SERUM NO. 1062 *****

	%	%	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	METHOD								
	POS	8'S	6	4	4	1	6	5	4	4	4	7		POS	8'S	1	0	4	3	0	7	5	1	4	9		
Esteves-Kond	59	33	+	+	+	+	+		+			+		???	75	+	+	+	+						+	A1,A23	(5)
Hahn, Amy B.	18	???	+	+	+	+	+	+	+	+			A2	24	???	+	+	+	+	+	+	+	+	+	+	+	(5)
Pancoska, Car	33	67	+	+	+	+		+		+	+			28	100	+	+	+	+	+	+	+	+	+			(5)

***** SERUM NO.1061 ***** SERUM NO.1062 *****

*** 3 TYPING LABS ***

B13	100%	1.000
B45	100%	1.000
B60	100%	1.000
B44	100%	0.875
B41	67%	1.000
B47	67%	1.000
B49	67%	1.000
B50	67%	1.000
B61	67%	1.000
A2	33%	1.000
B72	33%	1.000

*** 3 TYPING LABS ***

B13	100%	1.000
B44	100%	1.000
B60	100%	1.000
B61	100%	1.000
B41	67%	1.000
B45	67%	1.000
B47	67%	1.000
B50	67%	1.000
A24	67%	0.889
A23	33%	1.000
B49	33%	1.000
A1	33%	0.889

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Elisa

	SERUM NO. 1063										SERUM NO. 1064										METHOD						
	%	%	B 4	B 5	B 6	B 4	B 7	B 3	B 7	B 4	B 7	B 1	%	%	B 1	B 4	B 6	B 6	B 4	B 7		B 5	B 4	B 8	B 4		
	POS	8'S	9	0	2	5	2	5	1	1	5	3	POS	8'S	3	9	1	0	1	7	0	5	1	8			
Al-Attas,Rab	???	???	+	+	+	+	+		+	+	+	+	B61	???	???	+	+	+	+	+	+	+	+	+	B27	(3)	
Alvarez & Ca	43	100	+										B44,B56,B61>	23	100	+	+	+	+						B44,B27	()	
Askar,Medhat	29	100	+	+	+									46	100	+	+	+	+						B44,B47	(2)	
Baker,Judy	92	???	+	+	+	+	+	+	+	+	+	+	B61	90	???	+	+	+	+	+	+	+	+	+	B27	(3)	
Cecka,J.Mich	???	100	+	+	+	+	+	+	+	+	+		B76,B60	???	100	+	+	+		+	+	+	+	+	B47	(3)	
Claas,F.H.J.	25	50	+	+	+									50	100	+	+	+							B44	(1)	
Cohen,JHM Pr	89	???	+	+	+								B70,B15,B44>	58	???	+	+	+	+	+	+	+	+	+	B27,B44	(3)	
Dunk,Arthur	38	100	+	+	+								B63,B53	57	33	+	+	+	+	+	+	+	+	+	B44	(6)	
Dunn,Paul Dr	???	???	+	+	+								B51,B52	???	???	+	+	+	+	+					B27,B47	(2)	
Eckels/CPMC,	62	???	+	+	+								A2,A68,B18,B44>	65	???	+	+			+	+	+			A11,6601,A26>	(4)	
Esteves Kond	5	33	+	+	+									26	100	+	+	+	+						B44,B60,B48>	(1)	
Esteves-Kond	83	50	+	+									B44,B60,B48>	75	100	+	+		+	+	+	+	+	+	B27,B47	(3)	
Fort,Marylly	???	???	+	+	+	+	+	+	+	+	+	+	B53	???	???	+	+	+	+	+	+	+	+	+	B47	(3)	
Gandhi,Manis	77	???	+	+	+	+	+	+	+	+	+	+	B76	78	???	+	+	+	+	+	+	+	+	+	B47	(3)	
Gautreaux,Mi	80	???	+	+	+	+	+						A2,B44	80	???	+	+	+		+					B27,B47,A66	(3)	
Hahn,Amy B.	33	100	+										B57	40	82	+	+	+						+	B40,B21	(4)	
Hamdi,Nuha D	85	100											A23,B52,A34>	73	100			+	+			+			CX15,B27,CW5>	(3)	
Han,Hoon Dr	38	???	+	+	+	+	+						B44,B76	55	???	+	+		+	+	+	+	+	+	B27,B44	(3)	
Hogan,Patric	3	100	+	+										29	100	+	+	+	+	+	+	+	+	+	B27,B47	(1)	
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+		+	+	+	+	+	+	B27,B47	(3)	
Klein,Tirza	84	100	+	+									A74,A2,A68,A24>	72	100	+		+	+	+	+			+	B82,B47,B54	(3)	
Lardy,N.M. D	???	???	+	+	+								B70,B52	???	???	+	+	+	+	+	+	+	+	+	B44,B47	(2)	
Loewenthal M	94	100			+								A24,A23,A2,A68>	0	0										B44,B47	(3)	
MacCann,Eile	88	???	+	+	+	+	+						B61,B60,B18	98	???	+	+	+	+	+	+	+	+	+		B47	(3)
Mah,Helen	36	100	+	+	+								A31	57	100	+	+	+	+	+	+	+	+	+		B44,B27	(4)
McAlack-Hana	98	100	+	+	+	+	+	+	+	+	+	+		90	100	+	+	+	+	+	+	+	+	+		B44,B27	(3)
Meyer,Pieter	92	???											CW7,CW6,CW4,A2>	98	???							+			CW7,CW6,A26,A1>	(3)	
Mpuntsha,Loy	24	???	+	+	+	+	+	+	+	+	+	+		25	???	+	+	+		+		+			B27,B73	(3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+	B61	???	???	+	+	+	+	+	+	+	+	+		B27,B47,B73>	(3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	+	B60	???	???				+	+	+	+	+	+		B47,B44	(3)
Pancoska,Car	47	100	+	+	+	+	+	+	+	+	+	+	B44	50	100	+	+	+	+	+	+	+	+	+		B47,B27	(3)
Pereira,Noem	???	???	+	+	+	+	+						B60,B61,B44	???	???	+	+	+	+	+	+	+	+	+		B40,B21	(1)
Permpikul &	6	???											???	36	100	+										B12,B21,B37,7C>	(3)
Phelan,Donna	45	???											12C,5C,8C,A2>	40	???											B44	(4)
Ramon,Daniel	47	???	+	+	+								B52,B77,B53	45	???	+	+	+	+	+		+	+	+		B27	(3)
Rosen-Bronso	98	8	+	+	+	+	+	+	+	+	+	+		???	8	+	+	+	+	+	+	+	+	+		6602,A11,A80>	(3)
Sage,Deborah	92	???											A2,A28,B5,B8>	98	???	+				+						B40,B12	(1)
Suciu-Foca,N	42	40											B15	33	50	+										B44,B42	(3)
Turner,E.V.	???	???	+	+		+	+						B51,B52,B53>	???	???	+	+		+	+	+	+	+	+		B47	(1)
Watson,Narel	13	33	+	+										50	67	+	+	+	+	+	+	+	+	+		B47	(1)

*** 40 TYPING LABS ***

B49	83%	0.964
B50	78%	1.000
B62	63%	0.956
B45	58%	1.000
B72	55%	1.000
B35	50%	0.878
B71	48%	1.000
B41	45%	1.000
B13	28%	1.000
B75	28%	1.000
B61	25%	1.000
B44	23%	0.917
B60	18%	1.000
A2	18%	0.818
B52	13%	1.000
B53	10%	1.000
B56	10%	1.000
B76	10%	1.000
A24	8%	1.000
A68	8%	1.000
B18	8%	1.000
B48	8%	1.000
B15	8%	0.909
B70	8%	0.750
A23	5%	1.000
A28	5%	1.000
B51	5%	1.000
B64	5%	1.000
CW4	5%	1.000
CX16	5%	1.000
CW6	5%	0.857

*** 40 TYPING LABS ***

B13	88%	0.986
B49	75%	0.980
B41	70%	1.000
B60	70%	1.000
B61	70%	1.000
B7	65%	0.911
B50	63%	1.000
B45	58%	1.000
B81	43%	1.000
B27	40%	1.000
B48	40%	1.000
B47	35%	1.000
B44	35%	0.786
B40	8%	0.960
B21	8%	0.889
B12	8%	0.833
A11	5%	1.000
A26	5%	1.000
A66	5%	1.000
B52	5%	1.000
B62	5%	1.000
B70	5%	1.000
B73	5%	1.000
CW6	5%	0.923
A30	5%	0.833

Methods:

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

*** 40 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: All

***** SERUM NO. 1063 *****							***** SERUM NO. 1064 *****										
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	METHOD		
%	%	5	4	6	1		%	%	1	6	6	4	5	4	4	4	
POS 8'S	0	9	2	3			POS 8'S	3	1	0	9	0	1	8	0		
-----	-----															-----	
Claas, F.H.J.	25	50	+	+	+	+	B72	50	100	+	+	+	+	+		B44	(1)
Esteves Kond	5	33	+	+	+			26	100	+	+	+	+	+	+	B81	(1)
Hogan, Patric	3	100	+	+				29	100	+	+	+	+	+	+		(1)
Permpikul &	6	???				???		36	100	+						+ B21	(1)
Suciu-Foca, N	42	40				+ B15, B35		33	50	+						+ B12	(1)
Watson, Narel	13	33	+	+				50	67	+	+	+	+	+	+	B47, B7	(1)

***** SERUM NO.1063 ***** ***** SERUM NO.1064 *****

*** 6 TYPING LABS ***

B50	67%	1.000
B49	67%	0.714
B13	33%	1.000
B62	33%	0.750
B72	17%	1.000
B15	17%	0.889
???	17%	0.750
B35	17%	0.750

*** 6 TYPING LABS ***

B13	100%	1.000
B60	67%	1.000
B61	67%	1.000
B49	67%	0.875
B41	50%	1.000
B50	50%	1.000
B48	33%	1.000
B40	33%	0.929
B21	17%	1.000
B47	17%	1.000
B81	17%	1.000
B12	17%	0.750
B7	17%	0.714
B44	17%	0.667

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1063 *****							***** SERUM NO. 1064 *****														
	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	METHOD					
%	%	6	5	4	7	5	3	%	%	6	6	4	4	4	1	5	4	4	4		
POS 8'S	2	0	9	1	2	5		POS 8'S	1	0	9	7	1	3	0	8	5	4			
-----	-----															-----					
Askar, Medhat	29	100	+	+	+	+	+	46	100	+	+	+	+	+	+	+	+	+	+	(2)	
Dunn, Paul Dr	???	???	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B27	(2)
Lardy, N.M. D	???	???	+	+	+	+	B70	???	???	+	+	+	+	+	+	+	+	+	+		(2)

***** SERUM NO.1063 ***** ***** SERUM NO.1064 *****

*** 3 TYPING LABS ***

B49	100%	1.000
B50	100%	1.000
B62	100%	0.900
B52	67%	1.000
B71	67%	1.000
B35	67%	0.667
B45	33%	1.000
B51	33%	1.000
B70	33%	0.500

*** 3 TYPING LABS ***

B13	100%	1.000
B41	100%	1.000
B47	100%	1.000
B49	100%	1.000
B60	100%	1.000
B61	100%	1.000
B45	67%	1.000
B48	67%	1.000
B50	67%	1.000
B44	67%	0.533
B27	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: NIH-ext

	SERUM NO. 1063											SERUM NO. 1064											METHOD		
	%	%	B 5	B 4	B 4	B 7	B 4	B 6	B 3	B 7	B 7	B 6	%	%	B 1	B 7	B 4	B 6	B 6	B 4	B 4	B 5		B 8	B 2
	POS	8'S	0	9	5	2	1	2	5	1	5	1	POS	8'S	3	7	1	1	0	5	9	0	1	7	
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	B13	???	???	+	+	+	+	+	+	+	+	+	(L-3)	
Askar,Medhat	96	100	+	+	+	+	+	+	+	+	+	B13	96	100	+	+	+	+	+	+	+	+	+	(L-3)	
Baker,Judy	92	???	+	+	+	+	+	+	+	+	+		90	???	+	+	+	+	+	+	+	+	+	(L-3)	
Cecka,J.Mich	???	100	+	+	+	+	+	+	+	+	+	B76,B60	???	100	+	+	+	+	+	+	+	+	+	B48,B47	(L-3)
Cohen,JHM Pr	89	???	+	+	+	+	+	+	+	+	+	B70,B15,B44>	58	???	+	+	+	+	+	+	+	+	+	B44	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	B13,B48	???	???	+	+	+	+	+	+	+	+	+	B73,B47,B44	(L-3)
Eckels/CPMC	21	???	+	+	+	+	+	+	+	+	+	A2,A68,A69,B13>	12	???	+	+	+	+	+	+	+	+	+	A11,A25,A26>	(LF-3)
Esteves-Kond	83	50	+	+	+	+	+	+	+	+	+	B13,B44,B60>	75	100	+	+	+	+	+	+	+	+	+	B47,B48	(F-3)
Fort,Marylis	???	???	+	+	+	+	+	+	+	+	+	B53,B13	???	???	+	+	+	+	+	+	+	+	+	B47	(L-3)
Gandhi,Manis	77	???	+	+	+	+	+	+	+	+	+	B13,B76	78	???	+	+	+	+	+	+	+	+	+	B48	(L-3)
Gautreaux,Mi	80	???	+	+	+	+	+	+	+	+	+	A2,B44	80	???	+	+	+	+	+	+	+	+	+	B47,A66	(L-3)
Hahn,Amy B.	48	???	+	+	+	+	+	+	+	+	+	B13	52	???	+	+	+	+	+	+	+	+	+	B47,A66	(L-3)
Hamdi,Nuha D	85	100	+	+	+	+	+	+	+	+	+	A23,B52,A34>	73	100	+	+	+	+	+	+	+	+	+	CX15,CW5,B44>	(L-3)
Han,Hoon Dr	38	???	+	+	+	+	+	+	+	+	+	B44,B76	55	???	+	+	+	+	+	+	+	+	+	B44	(L-3)
Hogan,Patric	???	???	+	+	+	+	+	+	+	+	+	B60,B78,B76>	???	???	+	+	+	+	+	+	+	+	+	B47,A66	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	B13	???	???	+	+	+	+	+	+	+	+	+	B47	(L-3)
Klein,Tirza	84	100	+	+	+	+	+	+	+	+	+	A74,A2,A68,A24>	72	100	+	+	+	+	+	+	+	+	+	B82,B47,B48>	(L-3)
Loewenthal M	94	100	+	+	+	+	+	+	+	+	+	A24,A23,A2,A68>	0	0	+	+	+	+	+	+	+	+	+	(L-3)	
MacCann,Eile	88	???	+	+	+	+	+	+	+	+	+	B60,B18	98	???	+	+	+	+	+	+	+	+	+	B47	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	B60,B13	???	???	+	+	+	+	+	+	+	+	+	B48,A66,B47>	(L-3)
McAlack-Hana	98	100	+	+	+	+	+	+	+	+	+		90	100	+	+	+	+	+	+	+	+	+	B48	(L-3)
Meyer,Pieter	92	???	+	+	+	+	+	+	+	+	+	CW7,CW6,CW4,A2>	98	???	+	+	+	+	+	+	+	+	+	CW7,CW6,A26,A1>	(L-3)
Mpuntsha,Loy	24	???	+	+	+	+	+	+	+	+	+		25	???	+	+	+	+	+	+	+	+	+	B73	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B48	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	B13,B60	???	???	+	+	+	+	+	+	+	+	+	B47,B73,B44>	(L-3)
Pancoska,Car	47	100	+	+	+	+	+	+	+	+	+	B44	50	100	+	+	+	+	+	+	+	+	+	B47,B48,B44	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	B60,B44	???	???	+	+	+	+	+	+	+	+	+	B47	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	B76	???	???	+	+	+	+	+	+	+	+	+	B47	(L-3)
Phelan,Donna	45	???	+	+	+	+	+	+	+	+	+	12C,5C,8C,A2>	40	???	+	+	+	+	+	+	+	+	+	B12,B21,B37,7C>	(L-3)
Ramon,Daniel	87	???	+	+	+	+	+	+	+	+	+		64	???	+	+	+	+	+	+	+	+	+	B48	(L-3)
Rosen-Bronso	98	8	+	+	+	+	+	+	+	+	+	B13	???	8	+	+	+	+	+	+	+	+	+	B48	(L-3)
Sage,Deborah	92	???	+	+	+	+	+	+	+	+	+	A2,A28,B5,B8>	98	???	+	+	+	+	+	+	+	+	+	6602,A11,A80>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B48	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B51,B52,B53>	???	???	+	+	+	+	+	+	+	+	+	B44,B42,B48	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1063 ***** SERUM NO.1064 *****

*** 34 TYPING LABS ***

B45	79%	1.000
B49	79%	1.000
B50	79%	1.000
B41	76%	1.000
B72	76%	1.000
B62	71%	1.000
B35	65%	1.000
B71	62%	1.000
B13	38%	1.000
B61	38%	1.000
B75	38%	1.000
B60	24%	1.000
B44	21%	0.900
A2	21%	0.818
B76	15%	1.000
B18	12%	1.000
B48	12%	1.000
A24	9%	1.000
A68	9%	1.000
B56	9%	1.000
A23	6%	1.000
A28	6%	1.000
B15	6%	1.000
B39	6%	1.000
B52	6%	1.000
B53	6%	1.000
B70	6%	1.000
CW4	6%	1.000
CX16	6%	1.000
CW6	6%	0.857

*** 34 TYPING LABS ***

B13	88%	0.975
B7	85%	1.000
B41	79%	1.000
B45	71%	1.000
B60	71%	1.000
B61	71%	1.000
B49	65%	1.000
B50	62%	1.000
B81	59%	1.000
B27	53%	1.000
B47	38%	1.000
B48	35%	1.000
B44	24%	1.000
A66	15%	1.000
B73	12%	1.000
A11	6%	1.000
A26	6%	1.000
A80	6%	1.000
B12	6%	1.000
B35	6%	1.000
B37	6%	1.000
B52	6%	1.000
B62	6%	1.000
B70	6%	1.000
CW6	6%	0.923
A30	6%	0.833

*** 34 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1063 ***** SERUM NO. 1064 *****

	%	%	B 4	B 6	B 5	B 7	B 7	B 7	B 3		%	%	B 1	B 4	B 6	B 6	B 5	B 4	B 4	B B	B 4	B 4	METHOD	
	POS	8'S	9	2	0	5	2	1	5		POS	8'S	3	9	1	0	0	8	4	7	5	1		
Eckels/CPMC,	62	???	+		+					A2,A68,B18,B41,B44,B45>	65	???	+	+		+	+	+	+	+	+	+	A11,6601,A26>	(4)
Hahn,Amy B.	33	100	+	+		+				B57	40	82	+	+	+	+	+						B40,B21	(4)
Mah,Helen	36	100	+	+	+		+	+		A31	57	100	+	+	+	+	+	+	+	+	+	+	B27	(4)
Ramon,Daniel	47	???	+	+	+	+	+	+	+	B52,B77,B53	45	???	+	+	+	+	+	+	+	+	+	+	B40,B21,B12	(4)
Suciu-Foca,N	40	75							+	B15,B21,B12,B13	39	67	+										B40,B21,B12	(4)

***** SERUM NO.1063 ***** SERUM NO.1064 *****

*** 5 TYPING LABS ***

B49	80%	1.000
B50	60%	1.000
B62	60%	1.000
B35	40%	1.000
B71	40%	1.000
B72	40%	1.000
B75	40%	1.000
A2	20%	1.000
A31	20%	1.000
A68	20%	1.000
B18	20%	1.000
B41	20%	1.000
B44	20%	1.000
B45	20%	1.000
B52	20%	1.000
B53	20%	1.000
B60	20%	1.000
B61	20%	1.000
B77	20%	1.000
B13	20%	0.889
B21	20%	0.889
B12	20%	0.760
B15	20%	0.750
B57	20%	0.750

*** 5 TYPING LABS ***

B13	100%	0.938
B49	80%	1.000
B44	60%	1.000
B48	60%	1.000
B50	60%	1.000
B60	60%	1.000
B61	60%	1.000
B7	40%	1.000
B27	40%	1.000
B40	40%	1.000
B41	40%	1.000
B45	40%	1.000
B21	40%	0.800
6601	20%	1.000
A11	20%	1.000
A26	20%	1.000
B12	20%	0.889

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Antiglobulin

***** SERUM NO. 1063 ***** SERUM NO. 1064 *****

SERUM NO. 1063					SERUM NO. 1064										METHOD			
%	%	B	B	B	B	B	B	B	B	B	B	B	B	B		B		
POS	8'S	7	5	4	4	4	6	4	4	2	1	8	6	5	4	4		
Esteves-Kond	???	33	+		+	+	B60,B71,B13,B48,B27	???	25	+	+	+	+	+	+	+	B44,B45	(5)
Hahn,Amy B.	48	???	+	+	+	+	B62,B45,B64,B53,B52	25	???	+	+	+	+	+	+	+	B45	(5)
Pancoska,Car	46	100			+	+		28	100	+	+	+	+	+	+	+	B44	(5)

***** SERUM NO.1063 ***** SERUM NO.1064 *****

*** 3 TYPING LABS ***

B41	67%	1.000
B49	67%	1.000
B50	67%	1.000
B72	67%	1.000
B44	67%	0.800
B13	33%	1.000
B27	33%	1.000
B45	33%	1.000
B48	33%	1.000
B52	33%	1.000
B53	33%	1.000
B60	33%	1.000
B62	33%	1.000
B64	33%	1.000
B71	33%	1.000

*** 3 TYPING LABS ***

B13	100%	1.000
B27	100%	1.000
B41	100%	1.000
B48	100%	1.000
B60	100%	1.000
B44	67%	1.000
B45	67%	1.000
B47	67%	1.000
B49	67%	1.000
B50	67%	1.000
B61	67%	1.000
B81	67%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: OCT 5 2011 *****

Method: Elisa

INVESTIGATOR		DNA EXTRACT #521 (Caucasian)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*02:01/294	*24:36N	*08:01:01	*45:01	*06	*07	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*24	*08	*45	*06	*07	SSO
5133	Baker, Judy	*02:01	*24:02	*08:01	*45:01	*06:02	*07:01/06/18	
4345	Blasczyk, Rai	*02:01:01G	*24:36N	*08:01:01G	*45:01P	*06:02:01G	*07:01P	PCR-SBT
785	Chan, Soh Ha	*0201/09/43N/66/75/83N+	*2436N	*0801/19N/31/42	*4501/07	*0602/04/11	*0701/06/09/18+	SBT
8021	Clark, Brenda	*02:01:01-01:04/01:06+	*24:08/42	*08:01/06-08N+	*45:01/03/05+	*06:02/03/07+	*07:01/06/07+	PCR-SSP
5219	Daniel, Dolly	*02	*24	*08	*45			PCR-SSOP
5323	Dhaliwal, J.S	*02	*24	*08	*45	*06	*07	PCR-SSP
5891	Du, Keming	*02:01/43N	*24:36N	*08:01	*45:01	*06:04/11/17+	*07:22/09/01/165	
3766	Dunn, Paul	*02	*24	*08	*45	*06	*07	PCR-SSO
2332	Elkhalifa, Mo	*02	*24	*08	*45	*06	*07	RVSSO
4251	Ellis, Thomas	*02:01:01G	*24:36N	*08:01	*45:01	*06:02	*07:01:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*02:01/01L	*24:02	*08:01	*45:01	*06:02	*07:01/06/18	SBT, PCR-SSO
762	Fischer&Mayr	*02:01/01L/09/43N/66+	*24:36N	*08:01/19N	*45:01/07	*06:02	*07:01/06/18+	RSSO, SSP, SBT
234	Gomez, Carmen	*02	*24	*08	*45	*06	*07	SSP
5195	Gomez, Carmen	*02	*24	*08	*45	*06	*07	SSOP
1694	Gottwald&Hes	*02	*24	*08	*45	*06	*07	SSP
1461	Hidajat, Mela	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01	SBT, SSP
615	Holdsworth, R	*02:01:01G	*24:36N	*08:01:01G	*45:01:01G	*06:02:01G	*07:01:01G	SBT
745	Holman, Richa	*02:01	*24:36N	*08:01:01	*45:01	*06:02:01	*07:01	SSO, SSP, SBT
2344	Hurley&Hartz	*02:01:01:01/01:01:02L+	*24:36N	*08:01:01/19N	*45:01/07/13	*06:02:01:01+	*07:01:01/01:02+	SBT
797	Kato, Shunich			*08:01	*45:01	*06:02	*07:01/06/18	SSO, SBT
2847	Kihara, Masaa	*02	*24	*08	*45	*06	*07	RVSSO
5096	Koh, Eun-mi	*02	*24	*08	*45			SSOP
87	Land, Geoff	*02:01	*24:35/36N	*08:01	*45:01	*06:02	*07:01	SBT, SSP, SSO
278	Lee, Jar-How	*02:01	*24:02	*08:01/39/44/45+	*45:01/07/13	*06:02	*07:01	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01	PCR-SBT
1108	Linke, Robert	*02	*24	*08	*45	*06	*07	RVSSOP
9916	McIntyre, Joh	*02:01	*24:36N	*08:01:01	*45:01	*06:02:01	*07:01	SBT, SSP
8042	Muncher, Lior	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01	SSOP, SSP
9001	Muncher_LR	*02	*24	*08	*45	*06	*07	SSOP
8022	Olerup SSP	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01	SSP
3648	Pereira, Noem	*02:01P	*24:36N	*08:01	*45:01	*06:02	*07:01P	RSSO, SSP, SBT
3966	Permpikul&Ve	*02	*24	*08	*45	*06	*07	PCR-SSP
2400	Phelan, Donna	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01/06/18	RSSO, SBT, SSP
735	Ramon, Daniel	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01/06/18	SBT, SSP, RSSO
3753	Reed, Elaine	*02:01	*24:36N	*08:01	*45:01	*06:02/04/11+	*07:01/06/09/18+	SBT, SSO
3798	Reinsmoen, N	*02:01:01/01L	*24:36N	*08:01:01	*45:01	*06:02:01	*07:01/06/18	SSP, SSO, SBT
4948	Sage, Deborah	*02	*24	*08:01	*45:01	*06:02/04/11+	*07:01/06/09/18+	
3545	Scornik, Juan	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01/06/18	SSOP, SBT
8068	Shanmugam, He	*02	*24	*08	*45	*06	*07	PCR-SSP
2020	Sutton, Maggi	*02:01:01	*24:36N	*08:01:01	*45:01	*06:02:01//+	*07:01:01/02//+	PCR-SSP, SBT
13	Tagliere, Jac	*02:01	*24:36N	*08:01	*45:01	*06:02	*07:01	SSP
4021	Trachtenberg	*02	*24	*08	*45	*06	*07	SSO
5462	Turner, E.V.	*02:01:01G/01:21/294	*24:36N	*08:01:01	*45:01	*06:02:01G/11+	*07:01:01/01:13	SEQ.SSO

INVESTIGATOR		DNA EXTRACT #522 (Caucasian)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*02:01:01	*02:291	*35:03:01	*44:12	*04	*05	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*02	*35	*44	*04	*05	SSO
5133	Baker, Judy	C						
4345	Blasczyk, Rai	*02:01:01G		*35:03P	*44:12	*04:01:01G	*05:01P	PCR-SBT
785	Chan, Soh Ha	*0201/09/43N/66/75/83N/89/97		*3503/70	*4412	*0401/09N/28/30+	*0501/03/25/37	SBT
8021	Clark, Brenda	*02:01:01-01:04:01:06-01:15+		*35:01-04:01/05+	*44:03/04/07+	*04:01:01-01:04+	*05:01/03-07+	PCR-SSP
5219	Daniel, Dolly	*02	*02	*35	*44			PCR-SSOP
5323	Dhaliwal, J.S	*02		*35	*44	*04	*05	PCR-SSP
5891	Du, Keming	*02:01	*02:291	*35:03	*44:12	*04:01/09N	*05:01	
3766	Dunn, Paul	*02		*35	*44:12	*04	*05	SSO
2332	Elkhalifa, Mo	*02		*35	*44	*04	*05	RVSSO
4251	Ellis, Thomas	*02:01:01G	*02:01:01G	*35:03	*44:12	*04:01	*05:01	PCR-RSSO, SBT
3135	Enczmann, J.	*02:01/01L	*02:291	*35:03	*44:12	*04:01/09N	*05:01	SBT, PCR-SSO
762	Fischer&Mayr	*02:01/01L/09/43N/66/75/83N/89+		*35:03/70	*44:12	*04:01/09N/28/30+	*05:01/03/37	RSSO, SSP, SBT
234	Gomez, Carmen	*02		*35	*44	*04	*05	SSP
5195	Gomez, Carmen	*02		*35	*44:12	*04	*05	SSOP
1694	Gottwald&Hes	*02		*35	*44	*04	*05	SSP
1461	Hidajat, Mela	*02:01	*02:291	*35:03	*44:12	*04:01	*05:01	SBT, SSP
615	Holdsworth, R	*02:01:01G		*35:03:01G	*44:12	*04:01:01G	*05:01:01G	SBT
745	Holman, Richa	*02:01:01	*02:01/291	*35:03:01	*44:12	*04:01:01	*05:01:01	SSO, SSP, SBT
2344	Hurley&Hartz	*02:01:01:01-01:01:03+	*02:01:01:01+	*35:03:01/70	*44:12	*04:01:01:01+	*05:01:01:01+	SBT
797	Kato, Shunich	*02:01/01L	*02:291	*35:03	*44:12	*04:01/09N/30	*05:01	SSO, SBT
2847	Kihara, Masaa	*02		*35	*44	*04	*05	RVSSO
5096	Koh, Eun-mi	*02	*02	*35	*44			SSOP
87	Land, Geoff	*02:01	*02:291	*35:03	*44:12	*04:01	*05:01	SBT, SSP, SSO
278	Lee, Jar-How	*02:01		*35:03/55/70	*44:12	*04:01	*05:01	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*02:291	*35:03	*44:12	*04:01/09N/30+	*05:01	PCR-SBT
1108	Linke, Robert	*02	*02	*35	*44	*04	*05	RVSSOP
9916	McIntyre, Joh	*02:01:01	*02:291	*35:03:01	*44:12	*04:01:01:01	*05:01:01:02	SBT, SSP
8042	Muncher, Lior	*02:01		*35:03	*44:12	*04:01	*05:01	SSOP, SSP
9001	Muncher_LR	*02		*35	*44	*04	*05	SSOP
8022	Olerup SSP	NT						SSP
3648	Pereira, Noem	*02:01/01L	*02:291	*35:03	*44:12	*04:01P	*05:01	RSSO, SSP, SBT
3966	Permpikul&Ve	*02	*02	*35	*44:12	*04	*05	PCR-SSP
2400	Phelan, Donna	*02:01	*02:291	*35:03	*44:12	*04:01/09N/30/82	*05:01	RSSO, SBT, SSP
735	Ramon, Daniel	*02:01	*02:291	*35:03	*44:12	*04:01/30/82	*05:01	SBT, SSP, RSSO
3753	Reed, Elaine	*02:01	*02:291	*35:03	*44:12	*04:01/09N/10/30+	*05:01/25/46	SBT, SSO
3798	Reinsmoen, N	*02:01:01/01L	*02:291	*35:03:01	*44:12	*04:01:01/09N/30+	*05:01:01	SSP, SSO, SBT
4948	Sage, Deborah	*02:01	*02:291	*35:03	*44:12	*04:01/09N/10/30+	*05:01/25/46	
3545	Scornik, Juan	*02:01	*02:291	*35:03	*44:12	*04:01/09N/30/82	*05:01	SSOP, SBT
8068	Shanmugam, He	*02	*02	*35	*44	*04	*05	PCR-SSP
2020	Sutton, Maggi	*02:01:01	*02:291	*35:03:01	*44:12	*04:01:01	*05:01:01	PCR-SSP, SBT
13	Tagliere, Jac	*02:01		*35:03	*44:12	*04:01	*05:01	SSP
4021	Trachtenberg	*02		*35	*44	*04	*05	SSO
5462	Turner, E.V.	*02:01:01G	*02:291	*35:03:01	*44:12	*04:01:01G	*05:01:01G	SEQ, SSO

INVESTIGATOR		DNA EXTRACT #523 (Chinese)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*02:10	*30:01:01	*13:02:01/09	*40:06:01/96	*06:02:01	*08:01:01/22	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*30	*13	*40	*06	*08	SSO
5133	Baker, Judy	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	
4345	Blasczyk, Rai	*02:10	*30:01P	*13:02P	*40:06P	*06:02:01G	*08:01P	PCR-SBT
785	Chan, Soh Ha	*0210	*3001/24	*1302/09/14	*4006/53/96	*0602/09/11	*0801/10/11/20+	SBT
8021	Clark, Brenda	*02:01:01-01:04+	*30:01-02:02+	*13:01-03/06-08+	*40:02/04/06+	*06:02/03/07+	*08:01/03/06+	PCR-SSP
5219	Daniel, Dolly	*02	*30	*13	*40			PCR-SSOP
5323	Dhaliwal, J.S	*02	*30	*13	*40	*06	*08	PCR-SSP
5891	Du, Keming	*02:10	*30:01	*13:02/09/14	*40:06/96/53	*06:02/09/11	*08:01/22/11/10	
3766	Dunn, Paul	*02	*30	*13	*40	*06	*08	PCR-SSO
2332	Elkhalifa, Mo	*02	*30	*13	*40	*06	*08	RVSSO
4251	Ellis, Thomas	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01	SBT, PCR-SSO
762	Fischer&Mayr	*02:10	*30:01/24	*13:02/38	*40:06	*06:02	*08:01/20/22/24	RSSO, SSP, SBT
234	Gomez, Carmen	*02	*30	*13	*40	*06	*08	SSP
5195	Gomez, Carmen	*02	*30	*13	*40	*06	*08	SSOP
1694	Gottwald&Hes	*02	*30	*13	*40	*06	*08	SSP
1461	Hidajat, Mela	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01	SBT, SSP
615	Holdsworth, R	*02:10	*30:01:01G	*13:02:01G	*40:06:01G	*06:02:01G	*08:01:01G	SBT
745	Holman, Richa	*02:10	*30:01:01	*13:02:01	*40:06:01	*06:02:01	*08:01:01	SSO, SSP, SBT
2344	Hurley&Hartz	*02:10	*30:01:01/01:02+	*13:02:01/02:05/02:09+	*40:06:01:01+	*06:02:01:01+	*08:01:01/01:03+	SBT
797	Kato, Shunich	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	SSO, SBT
2847	Kihara, Masaa	*02	*30	*13	*40	*06	*08	RVSSO
5096	Koh, Eun-mi	*02	*30	*13	*40			SSOP
87	Land, Geoff	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01	SBT, SSP, SSO
278	Lee, Jar-How	*02:10	*30:01/42/48/49	*13:02/27/38/40/42/44	*40:06/103/131	*06:02	*08:01/36N/46	SSP, RVSSOP
640	Lee, Kyung Wh	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	PCR-SBT
1108	Linke, Robert	*02	*30	*13	*40	*06	*08	RVSSOP
9916	McIntyre, Joh	*02:10	*30:01:01	*13:02:01	*40:06:01:01	*06:02:01:01	*08:01:01	SBT, SSP
8042	Muncher, Lior	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01	SSOP, SSP
9001	Muncher_LR	*02	*30	*13	*40	*06	*08	SSOP
8022	Olerup SSP	*02:10	*30:01	*13:02	*40:06/70	*06:02	*08:01	SSP
3648	Pereira, Noem	*02:10	*30:01	*13:02// *13:09	*40:06// *40:96	*06:02	*08:01P	RSSO, SBT, SSP
3966	Permpikul&Ve	*02:10	*30	*13	*40	*06	*08	PCR-SSP
2400	Phelan, Donna	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	RSSO, SBT, SSP
735	Ramon, Daniel	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	SBT, SSP, RSSO
3753	Reed, Elaine	*02:10	*30:01	*13:02/09/14	*40:06/53/96	*06:02/09/11	*08:01/10/11/22	SBT, SSO
3798	Reinsmoen, N	*02:10	*30:01:01	*13:02:01	*40:06:01	*06:02:01	*08:01:01/22	SSP, SSO, SBT
4948	Sage, Deborah	*02:10	*30:01	*13:02	*40:06	*06:02/09	*08:01/11/22	
3545	Scornik, Juan	*02:10	*30:01	*13:02	*40:06	*06:02	*08:01/22	SSOP, SBT
8068	Shanmugam, He	*02	*30	*13	*40	*06	*08	PCR-SSP
2020	Sutton, Maggi	*02:10	*30:01:01	*13:02:01// *03:14	*40:06:01//+	*06:02:01:01+	*08:01:01/22	PCR-SSP, SBT
13	Tagliere, Jac	*02:10	*30:01	*13:02	*40:06/70	*06:02	*08:01	SSP
4021	Trachtenberg	*02	*30	*13	*40	*06	*08	SSO
5462	Turner, E.V.	*02:10	*30:01:01	*13:02:01	*40:06:01G	*06:02:01G	*08:01:01	SEQ, SSO

INVESTIGATOR		DNA EXTRACT #524 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*02:01:01/237	*03:02/10	*08:01:01	*39:24	*07:01/06/18		RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*03	*08	*39	*07	*07	SSO
5133	Baker, Judy	*02:01	*03:02	*08:01	*39:24	*07:01/06/18		
4345	Blasczyk, Rai	*02:01:01G	*03:02	*08:01:01G	*39:24:01	*07:01P		PCR-SBT
785	Chan, Soh Ha	*0201/09/12+	*0302/07	*0801/19N/31/42	*3924	*0701/06/18/52		SBT
8021	Clark, Brenda	*02:01:01+	*03:01-04/07+	*08:01/06-08N+	*39:01:01-01:05+	*07:01/05-07+		PCR-SSP
5219	Daniel, Dolly	*02	*03	*08	*39			PCR-SSOP
5323	Dhaliwal, J.S	*02	*03	*08	*39	*07		PCR-SSP
5891	Du, Keming	*02:01/12/237+	*03:02/07/10	*08:01	*39:24	*07:01/06/18	*07:01/06/18	
3766	Dunn, Paul	*02	*03	*08	*39:03/24	*07		PCR-SSO
2332	Elkhalifa, Mo	*02	*03	*08	*39	*07		RVSSO
4251	Ellis, Thomas	*02:01:01G	*03:02	*08:01	*39:24	*07:01:01G	*07:01:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*02:01/01L	*03:02	*08:01	*39:24	*07:01/06/18		SBT, PCR-SSO
762	Fischer&Mayr	*02:01/01L/09+	*03:02	*08:01/19N	*39:24	*07:01/06/18/52		RSSO, SSP, SBT
234	Gomez, Carmen	*02	*03	*08	*39	*07		SSP
5195	Gomez, Carmen	*02	*03	*08	*39	*07		SSOP
1694	Gottwald&Hes	*02	*03	*08	*39	*07		SSP
1461	Hidajat, Mela	*02:01	*03:02	*08:01	*39:24	*07:01		SBT, SSP
615	Holdsworth, R	*02:01:01G	*03:02	*08:01:01G	*39:24	*07:01:01G		SBT
745	Holman, Richa	*02:01:01	*03:02	*08:01:01	*39:24	*07:01		SSO, SSP, SBT
2344	Hurley&Hartz	*02:01:01:01+	*03:02	*08:01:01/19N	*39:24	*07:01:01/01:02+	*07:01:01/01:02+	SBT
797	Kato, Shunich	*02:01/01L	*03:02	*08:01	*39:24	*07:01/06/18		SSO, SBT
2847	Kihara, Masaa	*02	*03	*08	*39	*07		RVSSO
5096	Koh, Eun-mi	*02	*03	*08	*39			SSOP
87	Land, Geoff	*02:01	*03:02	*08:01	*39:24	*07:01	*07:01	SBT, SSP, SSO
278	Lee, Jar-How	*02:01	*03:02/31/73/90+	*08:01	*39:24	*07:01		SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*03:02	*08:01	*39:24	*07:01		PCR-SBT
1108	Linke, Robert	*02	*03	*08	*39	*07	*07	RVSSOP
9916	McIntyre, Joh	*02:01:01:01	*03:02	*08:01:01	*39:24	*07:01		SBT, SSP
8042	Muncher, Lior	*02:01	*03:02	*08:01	*39:24	*07:01		SSOP, SSP
9001	Muncher_LR	*02	*03	*08	*39	*07		SSOP
8022	Olerup SSP	*02:01	*03:02	*08:01/42	*39:03/24	*07:01		SSP
3648	Pereira, Noem	*02:01/01L	*03:02	*08:01	*39:24	*07:01P		RSSO, SSP, SBT
3966	Permpikul&Ve	*02	*03	*08	*39	*07	*07	PCR-SSP
2400	Phelan, Donna	*02:01	*03:02	*08:01	*39:24	*07:01/06/18		RSSO, SBT, SSP
735	Ramon, Daniel	*02:01	*03:02	*08:01	*39:24	*07:01/06/18		SBT, SSP, RSSO
3753	Reed, Elaine	*02:01/12/237	*03:02/07/10	*08:01	*39:24	*07:01/06/18/150Q	*07:01/06/18/150Q	SBT, SSO
3798	Reinsmoen, N	*02:01:01/01L	*03:02	*08:01:01	*39:24:01	*07:01		SSP, SSO, SBT
4948	Sage, Deborah	*02:01/12/237	*03:02/07	*08:01	*39:24	*07:01/18		
3545	Scornik, Juan	*02:01	*03:02	*08:01	*39:24	*07:01/06/18		SSOP, SBT
8068	Shanmugam, He	*02	*03	*08	*39	*07	*07	PCR-SSP
2020	Sutton, Maggi	*02:01:01//+	*03:02//*03:10	*08:01:01	*39:24	*07:01:01/02		PCR-SSP, SBT
13	Tagliere, Jac	*02:01	*03:02	*08:01	*39:42	*07:01		SSP
4021	Trachtenberg	*02	*03	*08	*39	*07		SSO
5462	Turner, E.V.	*02:01:01G	*03:02	*08:01:01	*39:24	*07:01:01		SEQ, SSO

SUMMARY

Extract 521 (Caucasian)
43 labs
 A*02 51%
 A*02:01 37%
 A*02:01P 2%
 A*02:01:01 3%
 A*02:01:01G 7%
 A*02 100% TOTAL

 A*24 40%
 A*24:02 7%
 A*24:36N 51%
 A*2436 2%
 A*24 100% TOTAL

Extract 522 (Caucasian)
42 labs
 A*02 43%
 A*02:01 36%
 A*02:01:01 12%
 A*02:01:01G 9%
 A*02 100% TOTAL

 A*02 45%
 A*02:01 7%
 A*02:01:01G 7%
 A*02:291 41%
 A*02 100% TOTAL

Extract 523 (Chinese)
44 labs
 A*02 32%
 A*02:10 66%
 A*0210 2%
 A*02 100% TOTAL

 A*30 36%
 A*30:01/24 7%
 A*30:01 39%
 A*30:01P 2%
 A*30:01:01 14%
 A*30:01:01G 2%
 A*30 100% TOTAL

Extract 524 (Caucasian)
44 labs
 A*02 52%
 A*02:01 32%
 A*02:01:01 5%
 A*02:01:01:01 2%
 A*02:01:01G 9%
 A*02 100% TOTAL

 A*03 39%
 A*03:02/07/10 5%
 A*03:02/07 2%
 A*0302/07 2%
 A*03:02/10 2%
 A*03:02 50%
 A*03 100% TOTAL

44 labs
 B*08 39%
 B*08:01/19N 2%
 B*08:01:01/19N 2%
 B*08:01 39%
 B*08:01:01 14%
 B*08:01:01G 4%
 B*08 100% TOTAL

 B*45 37%
 B*45:01/07/13 5%
 B*45:01/07 2%
 B*45:01 52%
 B*45:01P 2%
 B*45:01:01G 2%
 B*45 100% TOTAL

42 labs
 B*35 38%
 B*35:03/70 7%
 B*35:03 36%
 B*35:03P 2%
 B*35:03:01 15%
 B*35:03:01G 2%
 B*35 100% TOTAL

 B*44 29%
 B*44:12 69%
 B*4412 2%
 B*44 100% TOTAL

44 labs
 B*13 50%
 B*13:02/38 5%
 B*13:02 32%
 B*13:02P 2%
 B*13:02:01 9%
 B*13:02:01G 2%
 B*13 100% TOTAL

 B*40 54%
 B*40:06 32%
 B*40:06P 2%
 B*40:06:01 5%
 B*40:06:01:01 2%
 B*40:06:01G 5%
 B*40 100% TOTAL

44 labs
 B*08 39%
 B*08:01/19N 2%
 B*08:01:01/19N 2%
 B*08:01 39%
 B*08:01:01 13%
 B*08:01:01G 5%
 B*08 100% TOTAL

 B*39 36%
 B*39:24 55%
 B*3924 2%
 B*39:24:01 5%
 B*39:42 2%
 B*39 100% TOTAL

42 labs
 C*06 50%
 C*06:02 38%
 C*06:02:01 7%
 C*06:02:01G 5%
 C*06 100% TOTAL

 C*07 47%
 C*07:01/06/18 17%
 C*07:01 26%
 C*07:01P 5%
 C*07:01:01G 5%
 C*07 100% TOTAL

40 labs
 C*04 68%
 C*04:01 15%
 C*04:01P 2%
 C*04:01:01 5%
 C*04:01:01:01 2%
 C*04:01:01G 8%
 C*04 100% TOTAL

 C*05 48%
 C*05:01 35%
 C*05:01P 2%
 C*05:01:01 8%
 C*05:01:01:02 2%
 C*05:01:01G 5%
 C*05 100% TOTAL

42 labs
 C*06 34%
 C*06:02/09/11 5%
 Cw*0602/09/11 2%
 C*06:02/09 2%
 C*06:02 38%
 C*06:02:01 10%
 C*06:02:01:01 2%
 C*06:02:01G 7%
 C*06 100% TOTAL

 C*08 45%
 C:08:01/20/22/24 5%
 C:08:01/22 14%
 C:08:01:01/22 5%
 C:08:01 14%
 C:08:01P 5%
 C:08:01:01 7%
 C:08:01:01G 5%
 C*08 100% TOTAL

42 labs
 C*07 36%
 C*07:01/06/18/52 2%
 Cw*0701/06/18/52 2%
 C*07:01/06/18 19%
 C*07:01/18 2%
 C*07:01 27%
 C*07:01P 5%
 C*07:01:01 2%
 C*07:01:01G 5%
 C*07 100% TOTAL

INVESTIGATOR	CELL NO.1433 (Korean)	A1	A2	B1	B2	C1	C2	method
CTR NAME								
8070 Ahn, Jaeie		*24	*26	*15	*40	*03	*03	PCR-SSP
16 Askar, Medhat		*24:02	*26:02	*15:01:01	*40:01	*03:03:01/20N	*03:04:01	PCR-RSSO, SBT
774 Cecka, J. Mich		*24:02/69-74/76+	*26	*15	*40	*03	*03	SSP, SSOP
5232 Charlton, Ron		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	SSO, SSP
4492 Charron, D.		NT						
4492 Charron_LR		*24	*26	*15	*40	*03		PCR-SSO
798 Claas, F.H.J.		*24:02	*26:02	*15:01:01	*40:01	*03:03:01	*03:04:01	SBT
3632 Colombe, Beth		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	SSOP, SSP
5130 Costeas, Paul		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	SSP
779 Daniel, Claud		*24	*26	*15(B62)	*40(B60)	*03:03	*03:04	PCR-SSP
8052 Del Pozo, Ana		*24	*26:02/40	*15// *46:01/22	*40// *40	*03	*03	PCR-SSO
3766 Dunn, Paul		*24	*26:02/40	*15:01+	*40:01+	*03:03+	*03:04+	SSO
5214 Eckels/CPMC		*24	*26	*15(B62)	*40(B60)	*03(Cw9)	*03(Cw10)	SSO
4251 Ellis, Thomas		*24:02P	*26:02	*15:01:01G	*40:01	*03:03:01G	*03:04	PCR-RVSSO, SBT
762 Fischer&Mayr		*24:02/09N/11N+	*26:02	*15:01/102/104/146/201+	*40:01/55/141	*03:03/62	*03:04	RSSO, SSP, SBT
792 Gandhi, Manis		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	SSO, SSP
8043 Gideoni, Osna		*24	*26	*15	*40	*03		SSOP
810 Hamdi, Nuha		*24:02	*26:02	*15:01	*40:01	*03:03	*03:03	SSO
4269 Hanau, Daniel		*24	*26	*15	*40	*03		PCR-SSP
3808 Hogan, Patric		*24	*26	*15:01+	*40:01+	*03:03+	*03:04+	
745 Holman, Richa		*24:02	*26:02	*15:01:01	*40:01	*03:03:01	*03:04:01	SSO, SSP, SBT
771 Israel, Shosh		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	
9003 Israel_LR		*24	*26	*15	*40	*03		
859 Kamoun, Malek		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	PCR-SBT, SSP
4337 Kim, Tai-Gyu		*24:02/09N/11N+	*26:02	*15:01/102/104/146	*40:01/55	*03:03/20N/62	*03:04	SBT
9000 Klein_LR		*24	*26	*15	*40	*03		PCR-SSP, SSO
278 Lee, Jar-How		*24:02	*26:02	*15:01	*40:01	*03:03/62/83+	*03:04/93/98+	SSP, RVSSOP
6649 Lim, Young Ae		*24	*26	*15(B62)	*40(B60)	*03(Cw9)	*03(Cw10)	SSP
274 Lo, Raymundo		*24	*26:25N	*15:39	*40			
731 Loewenthal, R		*24:02:01	*26:02	*15:01:01	*40:01:02	*03:03:01	*03:04:01	SBT, SSO
759 Lopez-Cepero		*24:02/09N/11N+	*26:02/40	*15:01/26N-28/30+	*40:01/14/22N/43/52+	*03:03/11-13+	*03:04-06/09+	RVSSO
23 Mah, Helen		*24:02	*26:02	*15:01/27	*40:01	*03:03	*03:03/04	SSO
8029 Mani, Rama		*24	*26	*15	*40			PCR-SSP
206 McAlack-Hana		*24	*26	*15(B62)	*40(B60)	*03(Cw9)	*03(Cw10)	RVSSOP
8001 Rao, Prakash		*24	*26	*15:01/01N/26N-28/33+	*40:01/21/22N/43/54+	*03:03/11/13+	*03:04-06/09+	RVSSOP, SSP
3625 Rees, Tracey		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	PCR-SBT, SSP
5200 Reinke, Denni		*24	*26	*15(B62)	*40(B60)	*03(Cw9)	*03(Cw10)	SSP
1160 Rosen-Bronso		*24	*26	*15	*40	*03		SSP, RVSSO
793 Rubocki, Ron		*24	*26	*15(B62)	*40(B60)	*03		PCR-SSP
3519 Semana, Gilbe		*24:02	*26:02	*15:01	*40:01	*03:03	*03:04	SBT, PCR-SSP
747 Tiercy, Jean-		*24:02:01G	*26:02	*15:01:01:01	*40:01:01/01:02	*03:03:01	*03:04:01G	P-SSO, SSP, SBT
5451 Tilanus, Marc		*24:02:01	*26:02	*15:01:01:01	*40:01	*03:03:01	*03:04:01	SBT
5462 Turner, E.V.		*24:02:01G/02:40	*26:02	*15:01:01:01/01:01:02N+	*40:01:01/01:02/21	*03:03:01	*03:04:01	SEQ, SSO, SSP

INVESTIGATOR	CELL NO.1434 (Hispanic)	A1	A2	B1	B2	C1	C2	method
CTR NAME								
8070 Ahn, Jaeie		*02	*29	*44	*51	*15	*16	PCR-SSP
16 Askar, Medhat		*02:01:01	*29:02:01	*44:03:01	*51:13:01	*15:02:01	*16:01:01	PCR-RSSO, SBT
774 Cecka, J. Mich		*02	*29	*44	*51:13	*15	*16	SSP, SSOP
5232 Charlton, Ron		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	SSO, SSP
4492 Charron, D.		NT						
4492 Charron_LR		*02	*29	*44	*51:13	*15	*16	PCR-SSO
798 Claas, F.H.J.		*02:01:01	*29:02:01	*44:03:01	*51:13:01	*15:02:01	*16:01:01	SBT
3632 Colombe, Beth		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	SSOP, SSP
5130 Costeas, Paul		*02:01	*29:02	*44:03	*51:01/13	*15:02	*16:01	SSP
779 Daniel, Claud		*02	*29	*44	*51:13:01+	*15	*16	PCR-SSP
8052 Del Pozo, Ana		*02	*29	*44	*51:13	*15	*16	PCR-SSO
3766 Dunn, Paul		*02	*29	*44	*51:13	*15	*16	SSO
5214 Eckels/CPMC		*02	*29	*44	*51:13	*15	*16	SSO
4251 Ellis, Thomas		*02:01:01G	*29:02	*44:03	*51:13	*15:02	*16:01	PCR-RVSSO, SBT
762 Fischer&Mayr		*02:01/01L/09/43N/66+	*29:02	*44:03	*51:13	*15:02/13	*16:01	RSSO, SSP, SBT
792 Gandhi, Manis		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	SSO, SSP
8043 Gideoni, Osna		*02	*29	*44	*51	*15	*16	SSOP
810 Hamdi, Nuha		*02:01	*29:02	*44:02	*51:13	*15:02	*16:01	SSO
4269 Hanau, Daniel		*02	*29	*44	*51	*15	*16	PCR-SSP
3808 Hogan, Patric		*02	*29	*44	*51	*15	*16	
745 Holman, Richa		*02:01:01	*29:02:01	*44:03:01	*51:13:01	*15:02:01	*16:01:01	SSO, SSP, SBT
771 Israel, Shosh		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	
9003 Israel_LR		*02	*29	*44	*51	*15	*16	
859 Kamoun, Malek		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	PCR-SBT, SSP
4337 Kim, Tai-Gyu		*02:01/09/43N/66/75+	*29:02	*44:03	*51:13	*15:02/13	*16:01	SBT
9000 Klein_LR		*02	*29	*44	*51	*15	*16	PCR-SSP, SSO
278 Lee, Jar-How		*02:01	*29:02/21/23/25-27	*44:03/85/94+	*51:13	*15:02/13/28+	*16:01	SSP, RVSSOP
6649 Lim, Young Ae		*02	*29	*44	*51	*15	*16	SSP
274 Lo, Raymundo		*02	*29	*44	*51:13			
731 Loewenthal, R		*02:01:01	*29:02:01	*44:03:01	*51:13:01	*15:02:01/07	*16:01:01/02:01	SBT, SSO
759 Lopez-Cepero		*02:01/07/09/15N/18+	*29:01/02/04/06/08N+	*44:02/03/13+	*51:13	*15:02/03/07/10+	*16:01/02/08+	RVSSO
23 Mah, Helen		*02:01/09/66	*29:02/10	*44:02/03	*51:13	*15:02/13	*16:01	SSO
8029 Mani, Rama		*02	*29	*44	*51			PCR-SSP
206 McAlack-Hana		*02	*29	*44	*51:13	*15	*16	RVSSOP
8001 Rao, Prakash		*02	*29	*44	*51	*15	*16	RVSSOP, SSP
3625 Rees, Tracey		*02:01	*29:02	*44:03	*51:13	*15:02/13	*16:01	PCR-SBT, SSP
5200 Reinke, Denni		*02	*29	*44	*51	*03(Cw10)	*16	SSP
1160 Rosen-Bronso		*02	*29	*44	*51:13	*15	*16	SSP, RVSSO
793 Rubocki, Ron		*02	*29	*44	*51	*15	*16	PCR-SSP
3519 Semana, Gilbe		*02:01	*29:02	*44:03	*51:13	*15:02	*16:01	SBT, PCR-SSP
747 Tiercy, Jean-		*02:01:01:01:01:01:03	*29:02:01:01:02:01:02	*44:03:01	*51:13:01	*15:02:01:02:07	*16:01:01	P-SSO, SSP, SBT
5451 Tilanus, Marc		*02:01:01	*29:02:01	*44:03:01	*51:13:01	*15:02:01	*16:01:01	SBT
5462 Turner, E.V.		*02:01:01G	*29:02:01G	*44:03:01	*51:03:01	*15:02:01	*16:01:01	SEQ, SSO, SSP

CTR	INVESTIGATOR NAME	CELL NO.1435 (Black)	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie		*03	*33	*39	*57	*12	*18	PCR-SSP
16	Askar, Medhat		*03:01:01// *03:103	*33:03:01// *33:18	*39:10	*57:04	*12:03:01	*18:02	PCR-RSSO, SBT
774	Cecka, J. Mich		*03	*33	*39:10/16/20/58	*57:04	*12	*18	SSP, SSOP
5232	Charlton, Ron		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	SSO, SSP
4492	Charron, D.		*03:01/04:02/77+	*33:03/26-55	*39:10/63	*57:04	*12:03/29-50	*18:02/04	PCR-SSP
4492	Charron_LR		*03	*33	*39	*57:04	*12	*18	PCR-SSO
798	Claas, F.H.J.		*03:01:01	*33:03:01	*39:10	*57:04	*12:03:01	*18:02	SBT
3632	Colombe, Beth		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	SSOP, SSP
5130	Costeas, Paul		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	SSP
779	Daniel, Claud		*03	*33	*39	*57	*12	*18	PCR-SSP
8052	Del Pozo, Ana		*03// *03:24	*33// *31:31/44	*39:10/20	*57:04	*12// *04:42	*18:01/02+//+	PCR-SSO
3766	Dunn, Paul		*03	*33	*39:10/20	*57:04	*12	*18	SSO
5214	Eckels/CPMC		*03	*33	*39	*57:04	*12	*18	SSO
4251	Ellis, Thomas		*03:01:01G	*33:03	*39:10	*57:04	*12:03	*18:01:01G	PCR-RVSSO, SBT
762	Fischer&Mayr		*03:01/01N/20/21N+	*33:03/15/25/31	*39:10	*57:04	*12:03/23	*18:01/02	RSSO, SSP, SBT
792	Gandhi, Manis		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	SSO, SSP
8043	Gideoni, Osna		*03	*33	*39	*57	*12	*18	SSOP
810	Hamdi, Nuha		*03:01	*33:03	*39:10	*57:04	*12:03	*18:01	SSO
4269	Hanau, Daniel		*03	*33	*39	*57	*12	*18	PCR-SSP
3808	Hogan, Patric		*03	*33	*39:10/16/20/63	*57	*12:03+	*18:01-03	
745	Holman, Richa		*03:01:01	*33:03:01	*39:10	*57:04	*12:03:01	*18:02	SSO, SSP, SBT
771	Israel, Shosh		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	
9003	Israel_LR		*03	*33	*39	*57	*12	*18	
859	Kamoun, Malek		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	PCR-SBT, SSP
4337	Kim, Tai-Gyu		*03:01/20/21N/26+	*33:03/15/25	*39:10	*57:04	*12:03/23	*18:01/02	SBT
9000	Klein_LR		*03	*33	*39	*57	*12	*18	PCR-SSP, SSO
278	Lee, Jar-How		*03:01	*33:03/25/26/29+	*39:10	*57:04	*12:03	*18:02	SSP, RVSSOP
6649	Lim, Young Ae		*03	*33	*39	*57	*12	*18	SSP
274	Lo, Raymundo		*03	*33	*39	*57:04			
731	Loewenthal, R		*03:01:01/103	*33:03:01/18	*39:10	*57:04	*12:03:01	*18:01	SBT, SSO
759	Lopez-Cepero		*03:01/04/11N/13+	*33:01/03-06+	*39:10/20	*57:04	*12:03/06/12/13+	*18:01/02/04	RVSSO
23	Mah, Helen		*03:01	*33:03/15	*39:10	*57:04	*12:03	*18:01/02	SSSO
8029	Mani, Rama		*03	*33	*39	*57			PCR-SSP
206	McAlack-Hana		*03	*33	*39	*57:04	*12	*18	RVSSOP
8001	Rao, Prakash		*03	*33	*39	*57	*12	*18	RVSSOP, SSP
3625	Rees, Tracey		*03:01	*33:03	*39:10	*57:04	*12:03	*18:01/02	PCR-SBT, SSP
5200	Reinke, Denni		*03	*33	*39	*57	*12	*18	SSP
1160	Rosen-Bronso		*03	*33	*39:10/20	*57:04	*12	*18	SSP, RVSSO
793	Rubocki, Ron		*03	*33	*39	*57	*12	*18	PCR-SSP
3519	Semana, Gilbe		*03:01	*33:03	*39:10	*57:04	*12:03	*18:02	SBT, PCR-SSP
747	Tiercy, Jean-		NT						
5451	Tilanus, Marc		*03:01:01	*33:03:01	*39:10	*57:04	*12:03:01	*18:02	SBT
5462	Turner, E.V.		*03	*33	*39:10	*57:04	*12:03:01	*18:02	SEQ, SSO, SSP

INVESTIGATOR	CELL NO.1436 (Black)	A1	A2	B1	B2	C1	C2	method
CTR NAME		A1	A2	B1	B2	C1	C2	method
8070 Ahn, Jaeie		*01	*23	*13	*15	*02	*04	PCR-SSP
16 Askar, Medhat		*01:01:01// *01:14	*23:01:01/17// *23:10	*13:01	*15:03:01/103	*02:10	*04:03	PCR-RSSO, SBT
774 Cecka, J. Mich		*01	*23	*13	*15:03/103/127+	*02	*04:03	SSP, SSOP
5232 Charlton, Ron		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSO, SSP
4492 Charron, D.		*01:01/37-93	*23:01/32-40	*13:01/25-43	*15:03/210	*02:10	*04:03	PCR-SSP
4492 Charron_LR		*01	*23	*13	*15	*02	*04	PCR-SSO
798 Claas, F.H.J.		*01:01:01:01	*23:01:01	*13:01:01	*15:03:01	*02:10	*04:03	SBT
3632 Colombe, Beth		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSOP, SSP
5130 Costeas, Paul		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSP
779 Daniel, Claud		*01	*23	*13	*15(B72)	*02	*04	PCR-SSP
8052 Del Pozo, Ana		*01	*23	*13	*15:03/103/132+	*02	*04:03/16/71	PCR-SSO
3766 Dunn, Paul		*01	*23	*13	*15:03/103/132+	*02	*04	SSO
5214 Eckels/CPMC		*01	*23	*13	*15(B72)	*02	*04	SSO
4251 Ellis, Thomas		*01:01:01G	*23:01:01G	*13:01	*15:03:01G	*02:10	*04:03	PCR-RVSSO, SBT
762 Fischer&Mayr		*01:01/04N/22N+	*23:01/07N/17/18/20	*13:01	*15:03	*02:10	*04:03	RSSO, SSP, SBT
792 Gandhi, Manis		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSO, SSP
8043 Gideoni, Osna		*01	*23	*13	*15	*02	*04	SSOP
810 Hamdi, Nuha		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSO
4269 Hanau, Daniel		*01	*23	*13	*15	*02	*04	PCR-SSP
3808 Hogan, Patric		*01	*23	*13	*15:03+	*02	*04	
745 Holman, Richa		*01:01:01:01	*23:01:01	*13:01	*15:03:01	*02:10	*04:03	SSO, SSP, SBT
771 Israel, Shosh		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	
9003 Israel_LR		*01	*23	*13	*15	*02	*04	
859 Kamoun, Malek		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	PCR-SBT, SSP
4337 Kim, Tai-Gyu		*01:01/04N/22N/32+	*23:01/07N/17/18/20	*13:01	*15:03/103	*02:10	*04:03	SBT
9000 Klein_LR		*01	*23	*13	*15	*02	*04	PCR-SSP, SSO
278 Lee, Jar-How		*01:01	*23:01/26/32/33/35	*13:01/29/43	*15:03/103/173	*02:02/10	*04:03	SSP, RVSSOP
6649 Lim, Young Ae		*01	*23	*13	*15(B70)	*02	*04	SSP
274 Lo, Raymundo		*01	*23	*13:23	*15			
731 Loewenthal, R		*01:01:01/14	*23:01:01/10	*13:01	*15:03:01	*02:10	*04:03	SBT, SSO
759 Lopez-Cepero		*01:01/04N/06/09+	*23:01/03/05-07N+	*13:01/07N/11/22+	*15:03/103/132+	*02:10/04/08+	*04:03/16/71	RVSSO
23 Mah, Helen		*01:01	*23:01/17	*13:01	*15:03	*02:10	*04:03	SSO
8029 Mani, Rama		*01	*23	*13	*15			PCR-SSP
206 McAlack-Hana		*01	*23	*13	*15(B72)	*02	*04	RVSSOP
8001 Rao, Prakash		*01	*23	*13	*15:03	*02	*04	RVSSOP, SSP
3625 Rees, Tracey		*01:01	*23:01/17	*13:01	*15:03/103	*02:10	*04:03	PCR-SBT, SSP
5200 Reinke, Denni		*01	*23	*13	*15(B72)	*02	*04	SSP
1160 Rosen-Bronso		*01	*23	*13	*15	*02	*04	SSP, RVSSO
793 Rubocki, Ron		*01	*23	*13	*15(B72)	*02	*04	PCR-SSP
3519 Semana, Gilbe		*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SBT, PCR-SSP
747 Tiercy, Jean-		NT						
5451 Tilanus, Marc		*01:01:01:01	*23:01:01	*13:01	*15:03:01	*02:10	*04:03	SBT
5462 Turner, E.V.		*01:01:01G	*23:01:01/17	*13:01:01/01:05	*15:03:01/103	*02:10	*04:03	SEQ, SSO, SSP

SUMMARY

Cell 1433 (Korean)
42 labs

A*24	57%
A*24:02	33%
A*24:02P	2%
A*24:02:01	5%
A*24:02:01G	3%
A*24	100% TOTAL
A*26	48%
A*26:02	50%
A*26:25N	2%
A*26	100% TOTAL

Cell 1434 (Hispanic)
42 labs

A*02	57%
A*02:01	24%
A*02:01:01	14%
A*02:01:01G	5%
A*02	100% TOTAL
A*29	55%
A*29:02	29%
A*29:02:01	14%
A*29:02:01G	2%
A*29	100% TOTAL

Cell 1435 (Black)
42 labs

A*03	64%
A*03:01	26%
A*03:01:01	7%
A*03:01:01G	3%
A*03	100% TOTAL
A*33	67%
A*33:03	24%
A*33:03:01	7%
A*33	98% TOTAL

Cell 1436 (Black)
42 labs

A*01	62%
A*01:01	26%
A*01:01:01:01	7%
A*01:01:01G	5%
A*01	100% TOTAL
A*23	72%
A*23:01	19%
A*23:01:01	7%
A*23:01:01G	2%
A*23	100% TOTAL

42 labs

B*15	55%
B*15:01	24%
B*15:01:01	10%
B*15:01:01:01	5%
B*15:01:01G	2%
B*15:39	2%
B*15	98% TOTAL
B*40	57%
B*40:01	41%
B*40:01:02	2%
B*40	100% TOTAL

42 labs

B*44	55%
B*44:02	2%
B*44:03	26%
B*44:03:01	17%
B*44	100% TOTAL
B*51	31%
B*51:03:01	2%
B*51:13	52%
B*51:13:01	15%
B*51	100% TOTAL

42 labs

B*39	43%
B*39:10/20	9%
B*39:10	48%
B*39	100% TOTAL
B*57	29%
B*57:04	71%
B*57	100% TOTAL

42 labs

B*13	52%
B*13:01	43%
B*13:01:01	3%
B*13:23	2%
B*13	100% TOTAL
B*15	52%
B*15:03/103	5%
B*15:03:01/103	5%
B*15:03	26%
B*15:03:01	10%
B*15:03:01G	2%
B*15	100% TOTAL

40 labs

C*03	55%
C*03:03	27%
C*03:03:01	15%
C*03:03:01G	3%
C*03	100% TOTAL
C*03	50%
C*03:03	2%
C*03:04	30%
C*03:04:01	15%
C*03:04:01G	3%
C*03	100% TOTAL

40 labs

C*15	50%
C*15:02/13	10%
C*15:02	25%
C*15:02:01	13%
C*15	98% TOTAL
C*16	50%
C*16:01	35%
C*16:01:01	15%
C*16	100% TOTAL

40 labs

C*12	53%
C*12:03	30%
C*12:03:01	15%
C*12	98% TOTAL
C*18	50%
C*18:01/02	10%
C*18:01	5%
C*18:02	33%
C*18:01:01G	2%
C*18	100% TOTAL

40 labs

C*02	50%
C*02:10	50%
C*02	100% TOTAL
C*04	45%
C*04:03	55%
C*04	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1433 *****						***** CELL NO.1434 *****				***** CELL NO.1435 *****						***** CELL NO.1436 *****										
		V						V				V						V										
		I						I				I						I										
		(KORE)						(HISP)				(BLCK)						(BLCK)										
INVESTIGATOR	DAYS	A	A	B	B	C	C	B	A	A	B	B	B	A	A	B	B	B	B	A	A	B	B	C	C	B	B	
NAME	OLD	%	4	6	2	0	3	1	6	%	9	4	1	4	%	3	9	7	4	6	%	3	3	0	2	0	4	6
		OTHERS						OTHERS				OTHERS						OTHERS										

Alvarez, Carr	7	100	+	+	+	+	+			100	+	+	+	+					100	+	+	+72			+	+
Askar, Medhat	2	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72	+W6		+	+
Cecka, J. Mich	2	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72			+	+
Chan MD, Soh	4	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+	+	+	+	+
Charron, D. P	7	90	+	+	+	+40				90	+	+	+	+					100	+	+	+72			+	
Claas, F.H.J.	7	90	+	+	+	+	+			90	+	+	+	+					90	+	+	+72			+	+
Dunk, Arthur	3	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+	+	+	+	+
Dunn, Paul Dr	6	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72			+	+
Enczmann, J.	8	98	+	+	+	+	+			95	+	+	+	+					95	+	+	+72			+	+
Esteves Kond	2	98	+	+	+	+W9	+	+		98	+	+	+	+					98	+	+	+72	+W4		+	+
Fort, Marylis	3	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72			+	+
Gideon, Osna	6	100	+	+	+	+	+			100	+	+	+	+					100	+	+	+72			+	+
Gomez, Carmen	2	99	+	+	+	+	+			99	+	+	+	+					99	+	+	+72	+W4		+	+
Gomez, Carmen	2	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72			+	+
Gottwald, Hes	7	95	+	+	+	+	+			90	+	+	+	+					95	+	+	+72			+	+
Hahn, Amy B.	6	99	+	+	+	+W9	+	+		99	+	+	+	+					99	+	+	+72	+W6		+	+
Harville, Ter	3	90	+	+	+	+W9	+	+		90	+	+	+	+					90	+	+	+72	+W4		+	+
Hirankarn MD	6	83	+	+					B50	98	+	+	+	+					86	+	+	+	+	+	+	+
Hogan, Patric	8	???	+	+	+	+	+	+		???	+	+	+	+					???	+	+	+	+	+	+	+
Holdsworth, R	7	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72			+	+
Holman, Richa	3	95	+	+	+	+	+			98	+	+	+	+					98	+	+	+	+	+	+	+
Israel, Shosh	6	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72			+	+
Keown, Paul M	6	???	+	+	+	+	+			???	+	+	+	+					???	+	+	+	+	+	+	+
Klein, Tirza	6	80	+	+	+	+	+			80	+	+	+	+					70	+	+	+72	+W6		+	+
Kvam, Vonnett	3	97	+	+	+	+	+			90	+	+	+	+					98	+	+	+72	+W6		+	+
Lardy, N.M. D	7	90	+	+	+	+	+			90	+	+	+	+					90	+	+	+	+	+	+	+
Loewenthal M	7	90	+	+	+	+	+			90	+	+	+	+					90	+	+	+72			+	+
MacCann, Eile	3	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72			+	+
Maeda, Lisa	2	100	+	+	+	+	+		BW4	100	+	+	+	+					100	+	+	+	+W4		+	B15
Mah, Helen	2	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72	+W4		+	+
McAlack-Hana	2	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72			+	+
McCluskey, Ja	10	75	+	+	+	+	+		BW4	80	+	+	+	+					75	+	+	+17	+W4		+	+
Meyer, Pieter	10	95	+	+	+	+	+			80	+	+	+	+					90	+	+	+	+	+	+	+
Mpuntsa, Loy	6	90	+	+	+				B48, BW4	90	+	+	+	+					90	+	+	+	+	+	+	+
Norin, Allen	3	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72			+	+
Pancoska, Car	2	97	+	+	+	+	+			97	+	+	+	+					97	+	+	+	+W6		+	+
Permpikul, Ve	6	90	+	+	+	+	+			90	+	+	+	+					90	+	+	+72			+	+
Pollack, Mari	2	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+72	+W6		+	+
Rees, Tracey	6	90	+	+	+	+	+			80	+	+	+	+					90	+	+	+72			+	+
Rosen-Bronso	2	95	+	+	+	+	+			95	+	+	+	+					95	+	+	+72	+W4		+	+
Rubocki, Rona	2	99	+	+	+	+	+			99	+	+	+	+					99	+	+	+	+W4		+	+
Semana MD, Gi	3	99	+	+	+15					99	+	+	+	+					99	+	+	+	+	+	+	+
Shai, Isaac	13	82	+	+	+	+	+			78	+	+	+	+					80	+	+	+	+W6		+	+
Stavropoulos	2	98	+	+	+	+	+		CW7	98	+	+	+	+					98	+	+	+72	+W4		+	+
Tiercy, Jean-	6	???	+	+	+	+	+			???	+	+	+	+					NT							
Tilanus, Marc	7	90	+	+	+	+	+			90	+	+	+	+					90	+	+	+	+	+	+	+
Vidan-Jeras	6	100	+	+	+	+	+			100	+	+	+	+					100	+	+	+72			+	+
Walter Reed	2	99	+	+	+	+	+			99	+	+	+	+					99	+	+	+72	+W4		+	+
Wisecarver M	7	98	+	+	+	+	+			98	+	+	+	+					98	+	+	+	+	+	+	+

 * *
 * SUMMARY TABLE *
 * *

(KORE)
 **** CELL 1433 ****
 (49 SAMPLES TYPED)
 A24 100.0%
 (100.0%)

 A26 100.0%
 (100.0%)

 B62 95.9%
 B15 2.0%
 (98.0%)

 B60 95.9%
 B40 2.0%
 (98.0%)

 CW3 59.2%
 CW9 6.1%
 (65.3%)

 CW10 6.1%
 (6.1%)

 BW6 91.8%

(OTHERS FOUND)
 BW4 6.1%
 B48 2.0%
 B50 2.0%
 CW7 2.0%

(HISP)
 **** CELL 1434 ****
 (49 SAMPLES TYPED)
 A2 100.0%
 (100.0%)

 A29 100.0%
 (100.0%)

 B44 98.0%
 (98.0%)

 B51 100.0%
 (100.0%)

 BW4 93.9%

(OTHERS FOUND)
 CX15 14.3%
 CX17 4.1%
 CW6 2.0%
 CW4 2.0%
 CW5 2.0%

(BLCK)
 **** CELL 1435 ****
 (48 SAMPLES TYPED)
 A3 100.0%

 A33 100.0%
 (100.0%)

 B39 100.0%
 (100.0%)

 B57 97.9%
 B17 2.1%
 (100.0%)

 BW4 93.8%

 BW6 93.8%

(OTHERS FOUND)
 CW6 20.8%
 CW7 6.3%
 CW4V 2.1%
 CW4 2.1%
 CX15 2.1%
 CX18 2.1%
 CX12 2.1%

(BLCK)
 **** CELL 1436 ****
 (48 SAMPLES TYPED)
 A1 100.0%

 A23 100.0%
 (100.0%)

 B13 100.0%

 B70 31.3%
 B72 66.7%
 (97.9%)

 CW2 64.6%

 C403 6.3%
 CW4 22.9%
 CW6 14.6%
 (43.8%)

 BW4 91.7%

 BW6 93.8%

(OTHERS FOUND)
 B15 2.1%