

# REPORT OF THE 360th CELL EXCHANGE

## OCTOBER 5, 2011

B-cell Line	461-462
Serum	1065-1068
DNA Extract	525-528
Cells	1437-1440

### B-cell line Exchange

**TER-461.** This Caucasian cell was #15310-LN, the reference cell for the unusual DRB1\*14:17, typed for the first time in the Cell Exchange. This cell was typed in the workshops as IHW#9326. In 1994, Hashemi et al. (1) described the DRB1\*14 allele in this cell as having a sequence at codon 47 (TTC) usually found in DRB1\*13 alleles, but not in DRB1\*14 alleles. In 1996, Verduyn et al. (2) described another variant, DRB1\*14:21, as being most similar to DRB1\*14:17, having the same codon 47 sequence, and since then, there have been other DRB1\*14 alleles found to have this codon change. TGI, the reference DRB1\*14:21 cell, was typed multiple times as TER-218 (1998), TER-282 (2001), TER-344 (2004) and TER-448 (2010).

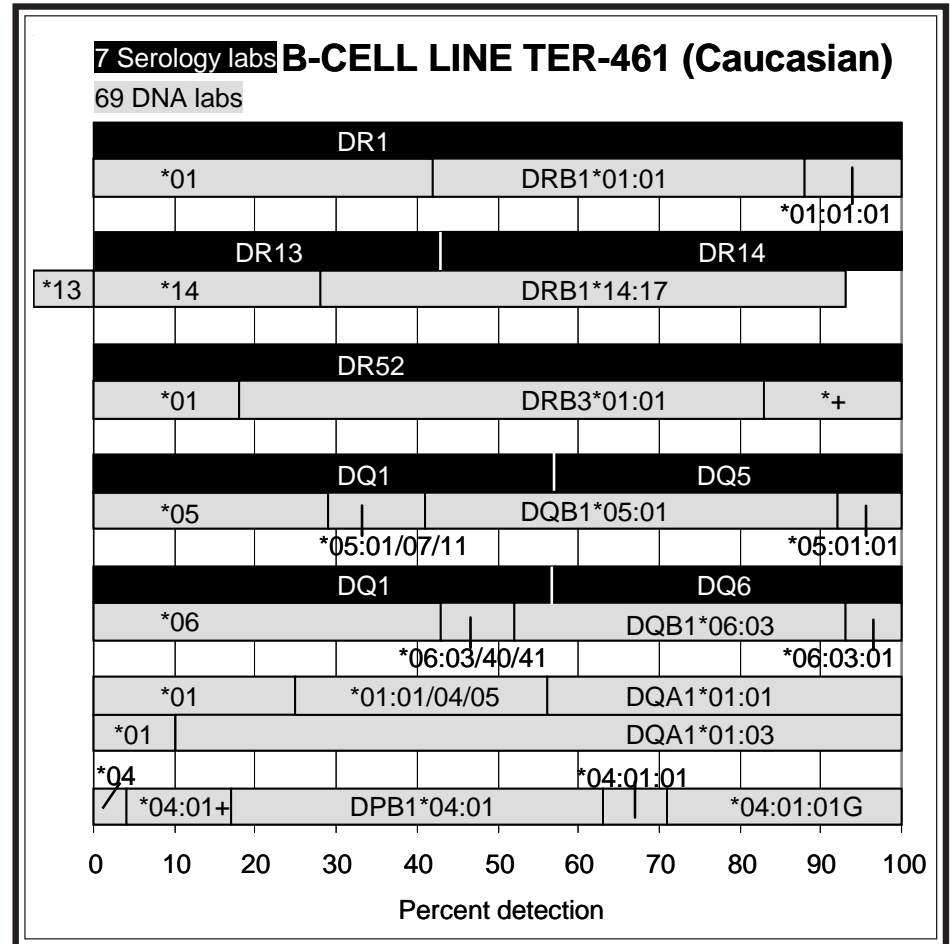
DRB1\*14:17 was detected by 65%. Five labs misassigned DRB1\*13. Verduyn et al. stated that the sequences of both DRB1\*14:17 and DRB1\*14:21 were identical to DRB1\*13:01 up to codon 67.

DR14 was assigned by 57%, with one lab commenting that it could be either DR13 or DR14, and DR13 was assigned by 43%. The TAC->TCC at codon 47 results in an amino acid change of Y->F, which, according to Hashemi et al., "...may have created a unique pattern of serological epitopes and possibly peptide binding sites."

From family studies, the haplotypes in this donor were A25-B37-DRB1\*01:01-DQA1\*01:01-DQB1\*05:01-DPB1\*04:01 and A3-B47-DRB1\*14:17-DRB3\*01:01-DQA1\*01:03-DQB1\*06:03-DPB1\*04:01. Verduyn et al. noted, "The DRB1\*1417 and \*1421 class II haplotypes share DRB3\*0101, DQA1\*0103, DQB1\*0603 with that of DRB1\*1301..." and postulated that they may have arisen from the DRB1\*1301 class II haplotype.

DQA1\*01:03 was assigned by Charron, Eckels, J.Lee, and Lopez-Cepero.

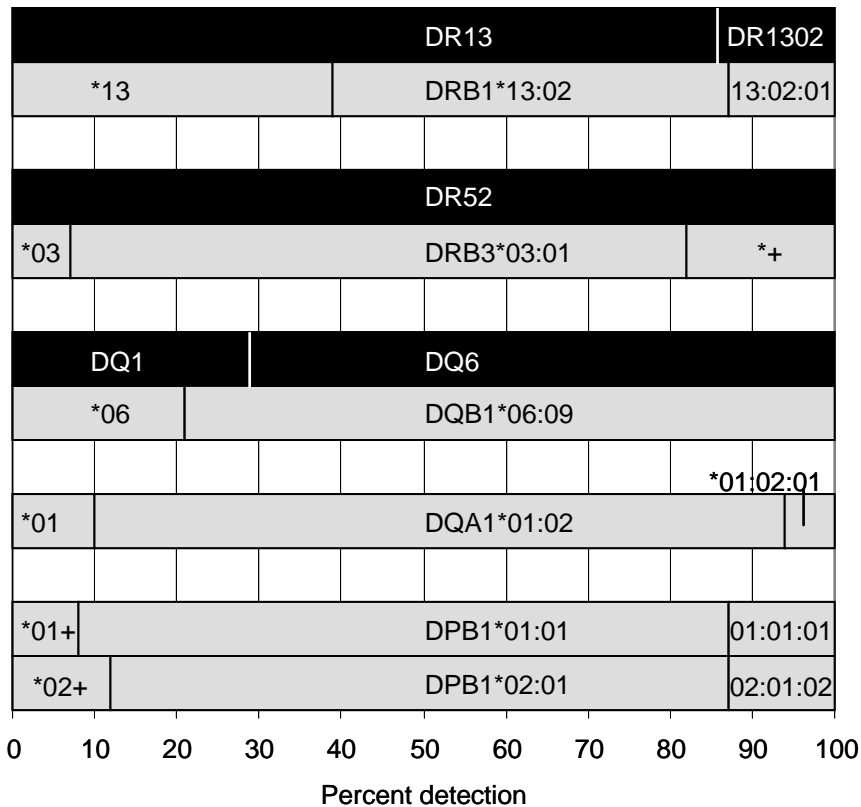
We plan to type this cell again to improve detection and standardization.



7 Serology labs

## B-CELL LINE TER-462

69 DNA labs



**TER-462.** This cell was typed in the workshops as IHW#9460.

The exchange results confirmed the DR-DQ homozygous typing as DRB1\*13:02-DRB3\*03:01-DQB1\*06-DQA1\*01:02. However, in contrast to the listed typing for this cell in the 13<sup>th</sup> Workshop (3), this cell was typed as DQB1\*06:09 (77%), not DQB1\*06:05. DQB1\*06:09 differs from DQB1\*06:05 by only a single nucleotide at codon 14 (CTG->ATG), resulting in an amino acid change of L->M, as described by Aldener and Olerup (4) for another workshop cell IHW#9055, HO301, which was also originally typed as DQB1\*06:05.

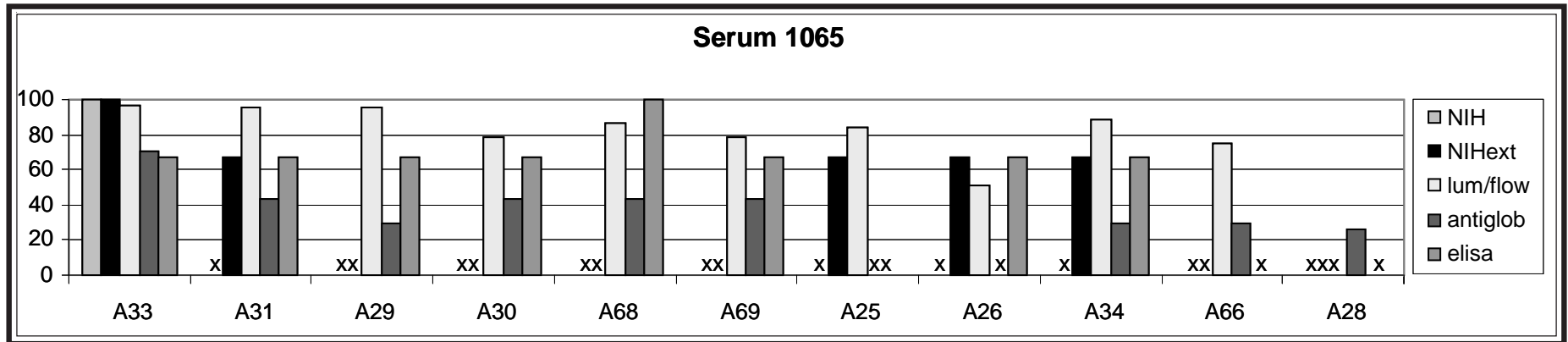
DPA1\*01:03 and DPA1\*02:01 were reported by 4 labs (Charron, Eckels, J.Lee, Lopez-Cepero).

DPB1\*01:01 (92%) and DPB1\*02:01 (\*02:01:02) (88%) were typed by the majority of the labs reporting DPB1 results.

The class I typing for this cell from the 13<sup>th</sup> Workshop was listed as A\*30:01, A\*74, B\*15, B\*35, C\*02:02, C\*04:01.

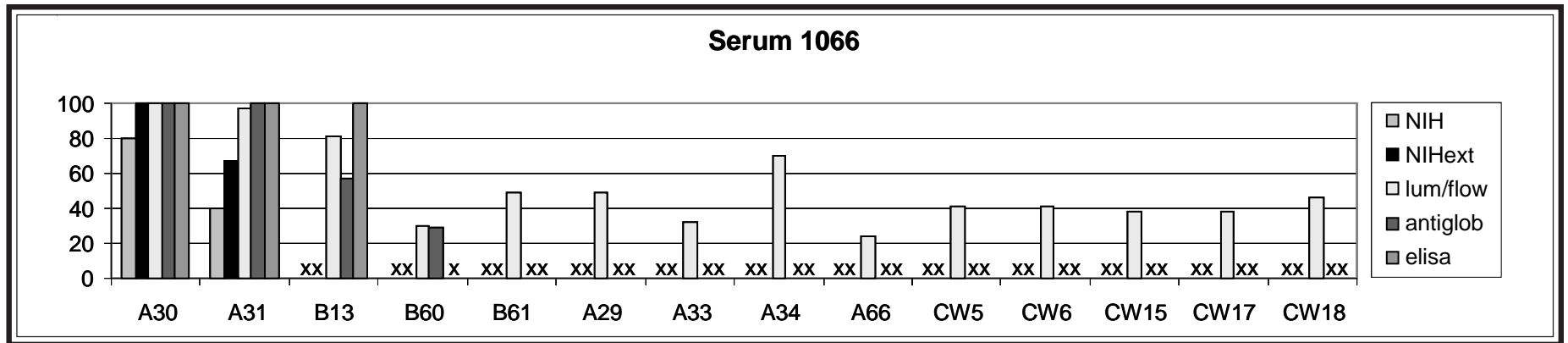
## Serum Exchange

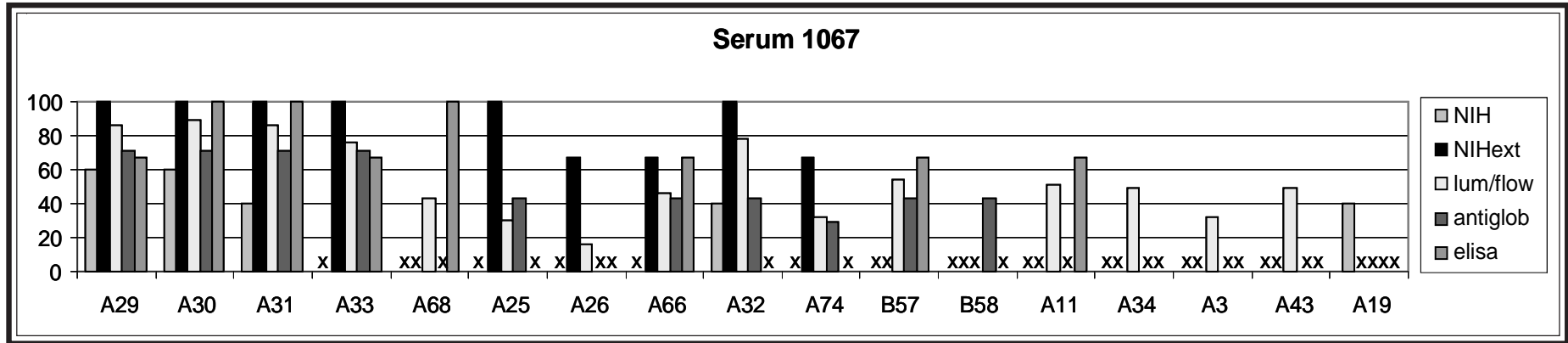
Antibodies (**sera 1065-1068**) reactive to A19 specificities (A29, A30, A31, A32, A33, A74) were tested in this month's study.



**Serum 1065** was positive to A10, A19 and A28 specificities. Strong anti-A33 reactivity was detected by all methods. All methods, with the exception of standard NIH, also found this serum to be reactive to A31 and A34. Anti-A29, -A30, -A68 and -A69 reactivity was reported by labs using Luminex, flow, antiglobulin, and ELISA. Varied reactivity to A25, A26, and A66 was also reported.

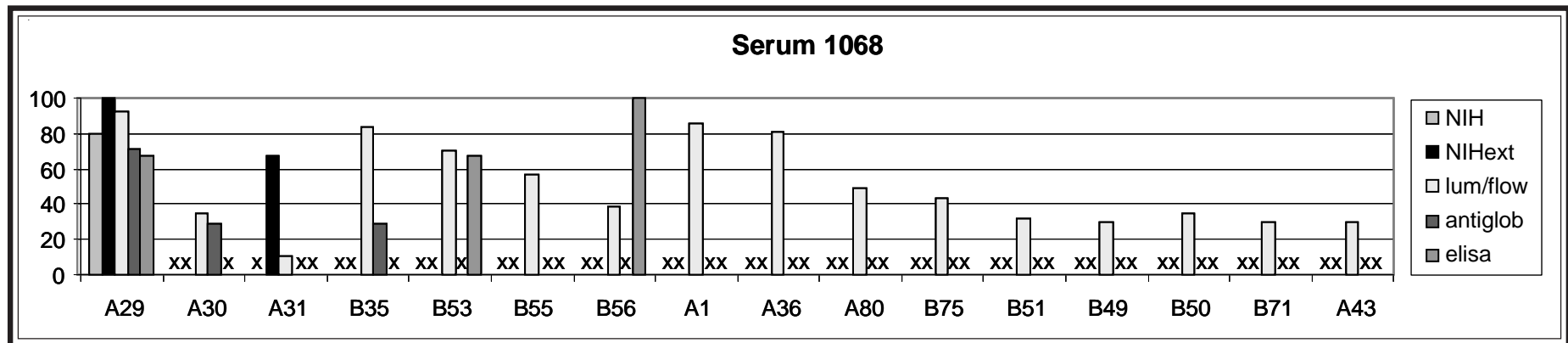
**Serum 1066** was positive to A30 and A31, as detected by all methods. Strong anti-B13 reactivity was reported by Luminex, flow, antiglobulin, and ELISA labs. Luminex and flow labs also reported reactivity to other A19 (A29, A33) and A10 (A34, A66) specificities, as well as to a number of C-locus specificities, including Cw5, Cw6, Cw15, Cw17, and Cw18.





**Serum 1067** demonstrated positivity to all A19 specificities. Reactivity to A29, A30, and A31 was detected by all methods. With the exception of standard NIH, all methods also found anti-A33 reactivity. Interestingly, all labs, with the exception of ELISA labs, also reported A32. Anti-A74 reactivity was reported by labs using extend NIH, Luminex, flow, and antiglobulin methods. Varied reactivity to A28, A10, and B17 specificities was determined.

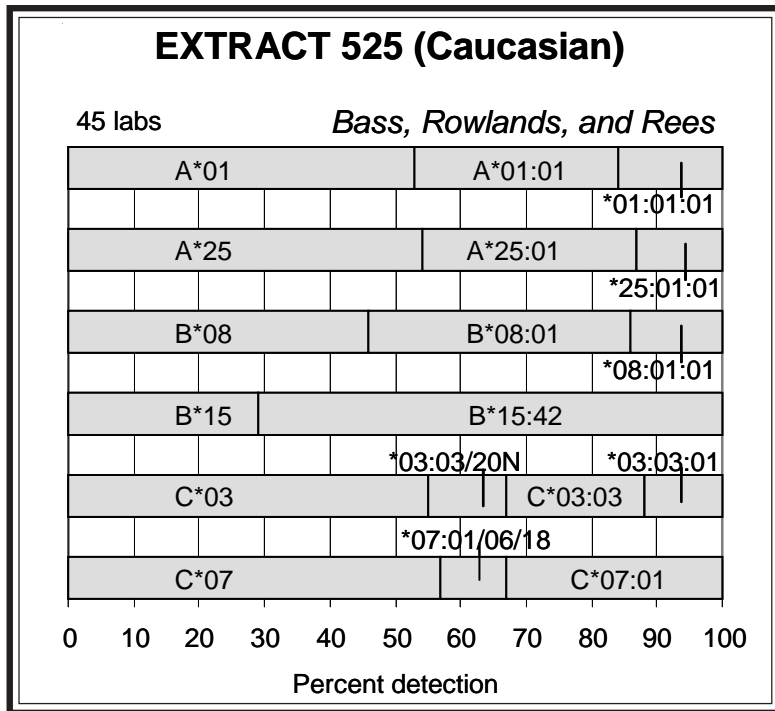
**Serum 1060** reacted as a strong antibody for A29 by all methods. Weak reactivity was found for other A19 specificities, including A30 and A31. Varied reactivity to a number of B-locus specificities, including B35, B53, and B22 (B55, B56), was detected by the more sensitive techniques. Luminex and flow labs also reported strong anti-A1 and -A36 reactivity.



## Extract Exchange

We wish to acknowledge the generosity of **Helen Bass, Jane Rowlands, and Tracey Rees, Welsh Blood Service, Pontyclun,** and **Jean-Marie Tiercy,**

**University Hospital of Geneva,** for providing cells with interesting and rare alleles.



**Extract 525.** This cell from a Caucasian individual was 43855 (accession number AJ966738), the reference cell for B\*15:42. Street et al. (5) described the sequence as being a hybrid between the B\*15:01 and B\*55:01 sequences, stating that "...essentially its product has the  $\alpha 1$  domain of B62 (B\*1501) and the  $\alpha 2$  domain of B55 (B\*5501)." Serologic testing revealed the reactivity as either weak or none to the majority of anti-B62 sera and virtually negative to all B55 antisera. This was the first time that B\*15:42 was typed in the Cell Exchange.

B\*15:42 was detected by 71%.

The second B-locus allele was B\*08:01 (54%).

A\*01:01 (47%) and A\*25:01 (46%) were the A-locus alleles.

C\*03:03 and C\*07:01 were reported by 33%.

Street et al. commented that B\*15:42 found in 3 unrelated Caucasian donors was on the same haplotype with A\*25, C\*03:03, DRB1\*13:01/59, DRB3\*02, DQA1\*03:03, and DQB1\*06:03. The other B\*15:42 reference cell, PB (16962), from a Caucasian donor, also had the A\*25-B\*15:42-C\*03 typing. The investigators noted that family studies confirmed the haplotypes in this cell. Adding the data from this present exchange study, the class I high-resolution haplotypes were affirmed as A\*25:01-B\*15:42-C\*03:03 and the commonly found A\*01:01-B\*08:01-C\*07:01.

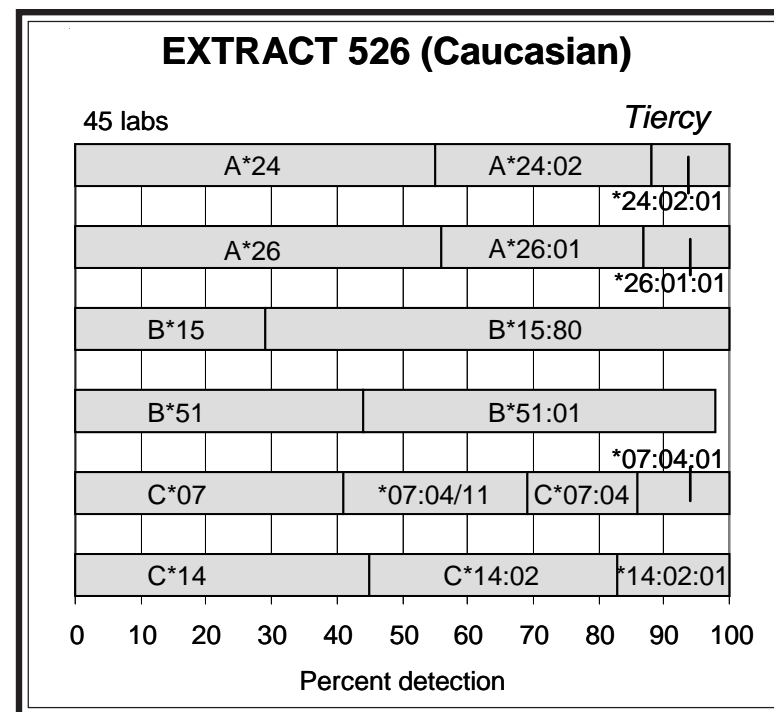
**Extract 526.** This Caucasian cell was GR1202, the reference cell for B\*15:80, as described as Kervaire and Tiercy (6). Chen and Stamm were correct in identifying this cell as previously typed as extracts 285 (2004) and 327 (2005). In the initial 2004 typing, B\*15:80 was correctly assigned by 39%; however, B\*15:18 (16%) and B\*35 (14%) were misassigned and a number of labs commented that they could not differentiate between B\*15 and B\*35. The following table shows the improved detection of this allele over the years:

	extract 285 52 labs 2004	extract 327 59 labs 2005	extract 526 45 labs 2011
B*15	25%	31%	29%
B*15new	2%	x	x
B*15:10	2%	x	x
B*15:18	15%	5%	x
<b>B*15:80</b>	<b>38%</b>	<b>61%</b>	<b>71%</b>
B*15 total	82%	97%	100%
others			
B*35	14%	3%	x
B*15/*35	2%	x	x

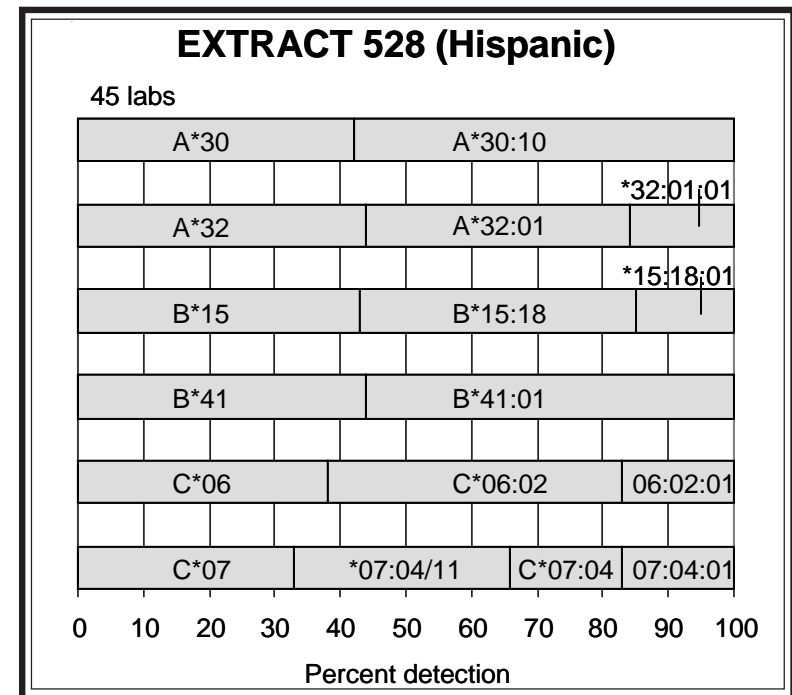
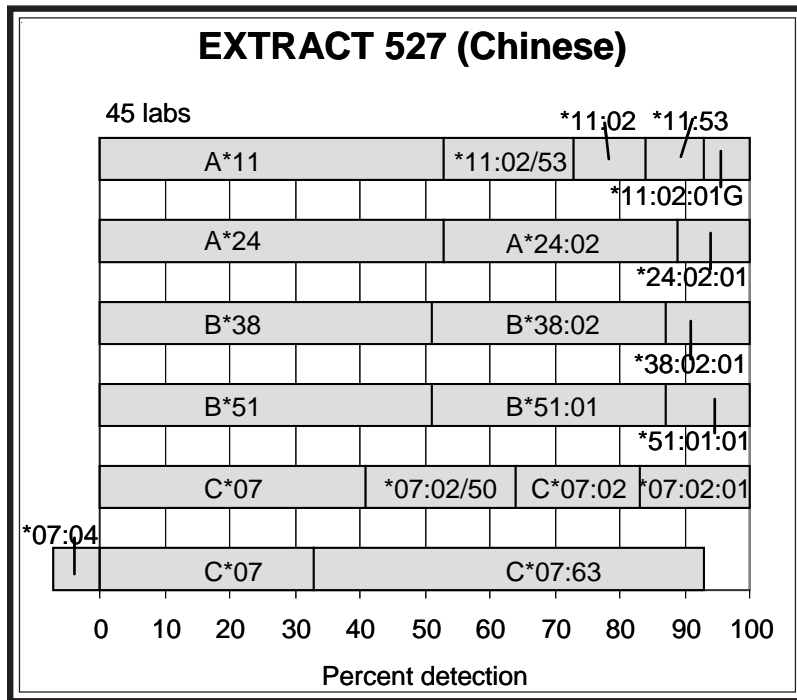
B\*51:01 was assigned by 54%.

The A-locus alleles were A\*24:02 (45%) and A\*26:01 (44%).

The probable associations were B\*15:80-C\*07:04 and B\*51:01-C\*1402. Kervaire and Tiercy detected B\*15:80 in another local donor and observed



the same likely haplotype, A\*24:02-B\*15:80-C\*07:04-DRB1\*08:01-DQB1\*04:02, in both donors. The other haplotype in this cell was A\*26:01-B\*51:01-C\*14:02.



**Extract 527.** This Chinese cell was previously tested in the International HLA DNA Exchange as DNA#565 in 2008. SBT labs reported finding a new C\*07 allele most similar to C\*07:04 but with a new polymorphism (G->T) at position 388, exon 2, resulting in an amino acid change of Asp->Tyr at codon 106 in the  $\alpha 2$  domain, as described by Cao et al. (7). This aa change may not be clinically relevant since the investigators noted, "The AA change at this position does not appear to affect peptide binding or to be accessible to T-cell receptor." This cell, UCLA0565, now serves as the reference cell for the novel C\*07:63.

C\*07:63 was detected by 60%. C\*07:04 was misassigned by 7%.

Another C\*07 allele, C\*07:02 (36%) was also present.

In the 2008 typing, A\*11:02 was assigned by 100%. A\*11:53, which differs from A\*11:02 in exon 5, was formally recognized in 2009. In this present retyping, the high-resolution typing for A\*11 was not resolved, as A\*11:02 was assigned by 13%, A\*11:53 by 9%, A\*11:02/53 by 20%, and 2 labs reported A\*11:02:01G.

The second A-locus allele was A\*24:02 (47%).

B\*38:02 and B\*51:01 were reported by 49%.

B\*38:02 is found in strong linkage disequilibrium with C\*07:02 in Asians. Therefore, the other association was likely B\*51:01-C\*07:63.

**Extract 528.** For standardization purposes, this Hispanic cell was included in this present study to serve as the standard B\*15:18 to compare with the rare B\*15:80 in extract 526, and as the standard C\*07:04 to compare with the novel C\*07:63 in extract 527. This donor was previously typed as cells 1385 (2010), 1420 earlier this year, and 1439, as described in this same report.

B\*15:18 was reported by 57%.

The second B-locus type was B\*41:01 (56%).

The rare A\*30:10 (58%) and A\*32:01 (56%) were reported.

C\*06:02 was typed by 62%. C\*07:04 (34%) was the second C-locus type.

A\*30:10-B\*41:01-C\*06:02 and A\*32:01-B\*15:18-Cw\*07:04 were the probable haplotypes. The NMDP Bioinformatics web site, <http://bioinformatics.nmdp.org/HLA>, lists A\*30:10 as found in Hispanics only, and the A\*30:10-B\*41:01-C\*06:02 haplotype with HF=0.00152.

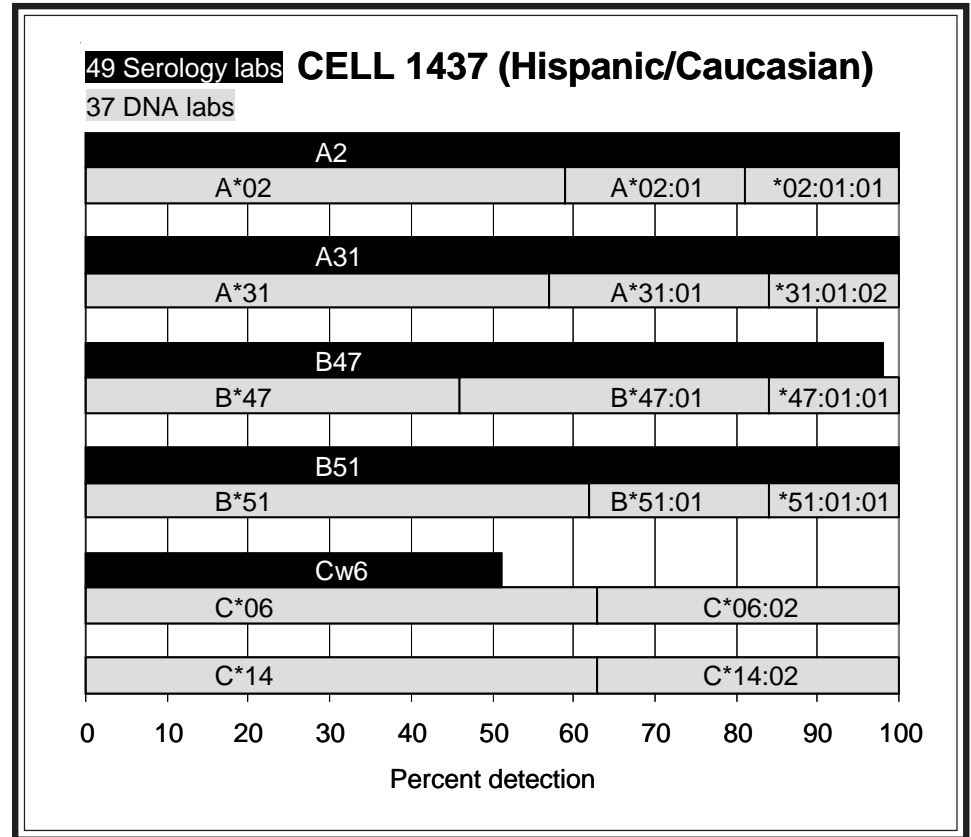
## Cell Exchange

**Cell 1437.** B47 (98%) was well typed in this donor of mixed ethnicity, being Hispanic and Caucasian. B\*47:01 (54%) was assigned by over half of the labs.

B51 was assigned in complete agreement and confirmed as B\*51:01 (38%).

Fifty-one percent of the labs reported Cw6, corroborated as C\*06:02 (37%). C\*14:02 (37%) was the second C-locus allele.

B\*47:01-C\*06:02 and B\*51:01-C\*14:02 are found strongly associated in Hispanic and Caucasian donors. All previous B\*47:01 exchange cells (cells 978, 1018, 1181 and extracts 186, 471, 501) were also typed as C\*06:02.

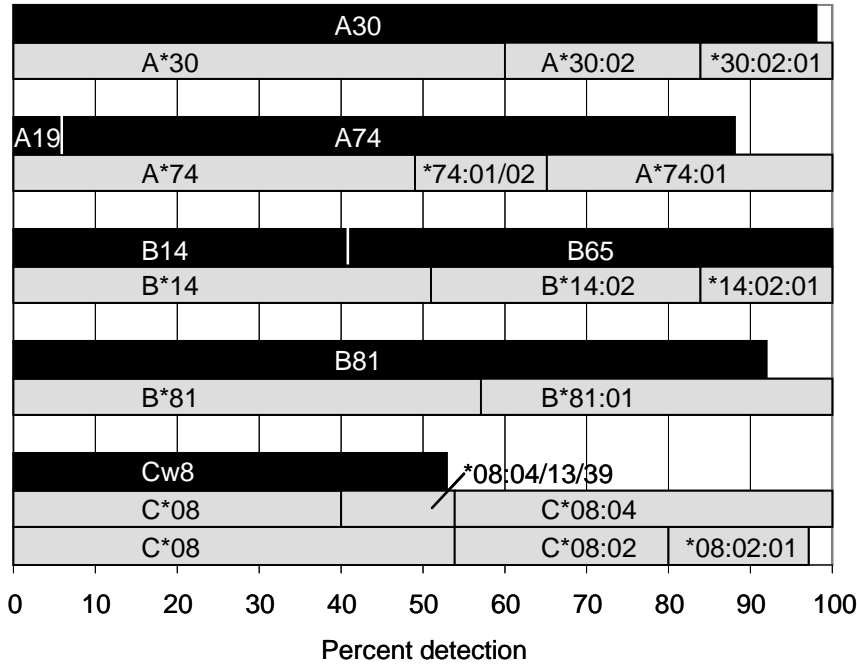




49 Serology labs

### CELL 1438 (Black)

37 DNA labs



**Cell 1438.** This cell from a Black donor was previously typed as cell 1389 (2010), as correctly noted by Askar, Lopez-Cepero, McCluskey, and Pancoska.

In this present retyping, B81 was reported by 92%, validated by 43% as B\*81:01.

B14 was assigned in complete concordance. The B65 split was assigned by 59% and B\*14:02 was reported by 49%.

A30 (98%) and A74 (82%) were confirmed as A\*30:02 (40%) and A\*74:01 (35%), respectively.

Cw8 was detected by 53%, with 2 different C\*08 alleles, C\*08:02 (43%) and C\*08:04 (46%) reported by DNA typing.

B\*14:02-C\*08:02 is a strong association found in Caucasian, Black, and Hispanic populations, whereas B\*81:01-C\*08:04 is a strong association found predominantly in Blacks.

**Cell 1439.** This Hispanic donor with the rare A\*30:10 was previously typed as cells 1385 (2010) and 1420, typed earlier this year, as correctly identified by Claas, Lopez-Cepero, Mah, McCluskey, Pancoska, and Stamm. This cell was also recently studied as extract 520 and the results are included in this same report.

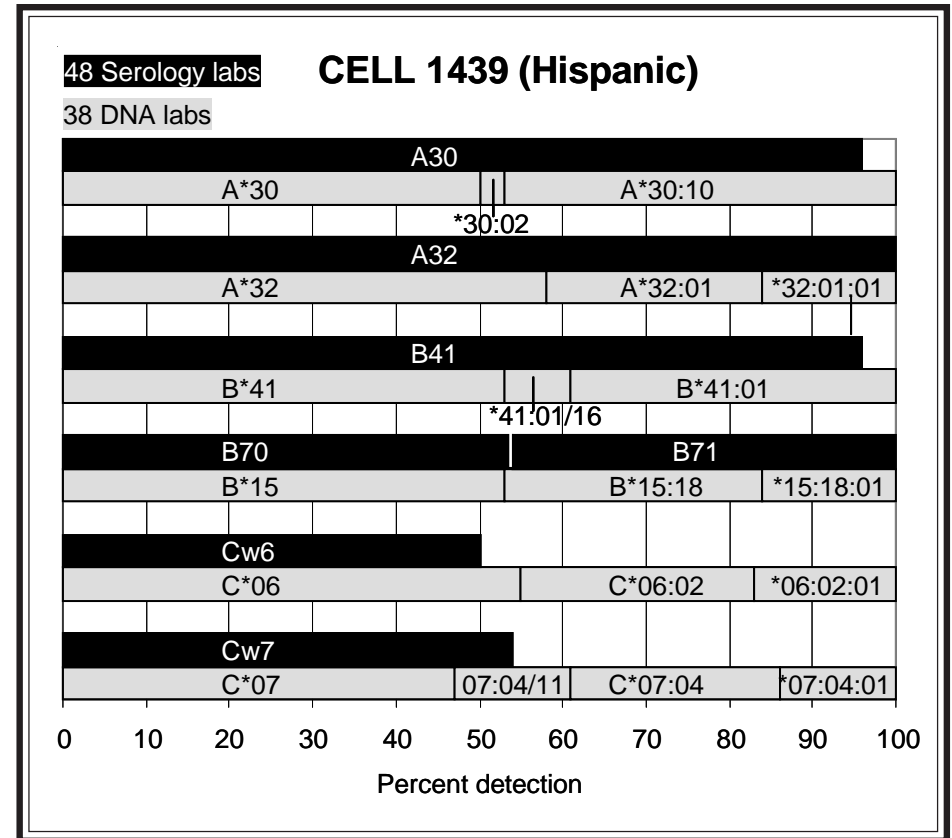
In this present retyping, A30 was reported by 96%. A\*30:10 was detected by 47%, showing improvement over the 38% detection level in the initial 2010 typing.

A32 was assigned in complete agreement; 48% reported A\*32:01.

B41 (96%) was verified as B\*41:01 (39%).

B70 was detected by all labs, with nearly half of the labs reporting B71 (46%). B\*15:18 was assigned by 47%.

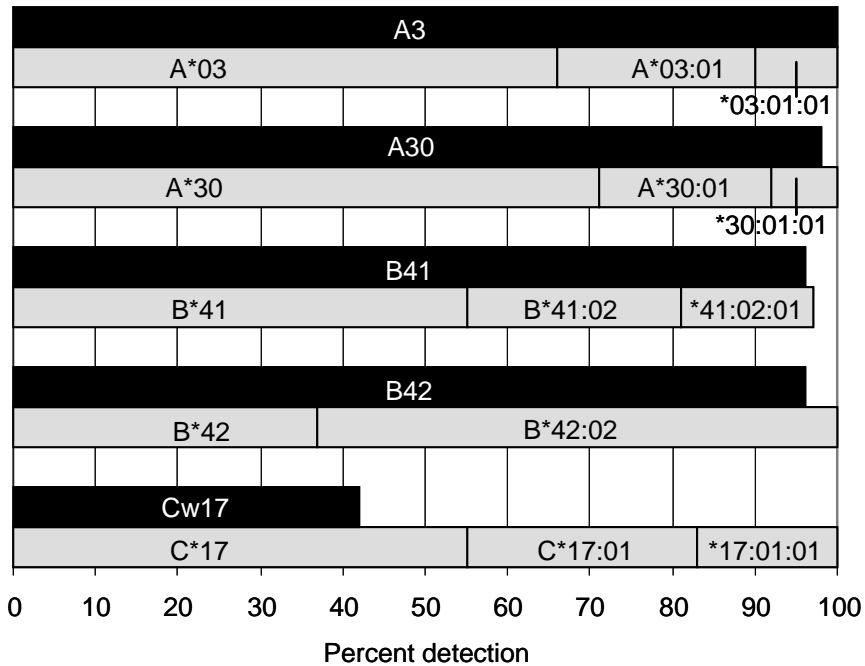
One probable haplotype in this cell was A\*30:10-B\*41:01-C\*06:02 (HF=0.00152), according to the NMDP Bioinformatics web site, <http://bioinformatics.nmdp.org/HLA>. The other likely haplotype was A\*32:01-B\*15:18-C\*07:04.



48 Serology labs

### CELL 1440 (Black)

38 DNA labs



**Cell 1440.** B41 and B42 were detected by 96% in this cell from a Black individual. B\*41:02 (45%) and B\*42:02 (63%) were the B-locus alleles.

Both B41 and B42 have strong linkage disequilibrium with Cw17 (42%). Interestingly, the other B41 cell in this same study, cell 1439, was found in association with Cw6, that is, B\*41:01-C\*06:02.

This donor was the offspring of cell 1397 sent last year. They share the A\*30:01-B\*42:02-C\*17:01 haplotype. The other haplotype in this cell was A\*03:01-B\*41:02-C\*17:01. Both haplotypes are found predominantly in Black populations, A\*03:01-B\*41:02-C\*17:01 with HF=0.00123 and A\*30:01-B\*42:02-C\*17:01 with HF=0.00583.

## References

1. Hashemi M, Aye A, Zeibdawi R, et al. A novel HLA-DRB1\*14 allele (DRB1\*1417). *Tissue Antigens* 1994;44:189.
2. Verduyn W, Anholts JDH, Versluis LF, et al. Six newly identified HLA-DRB alleles: DRB1\*1121, \*1419, \*1420, \*1421, DRB3\*0203 and DRB5\*0103. *Tissue Antigens* 1996;48:80.
3. Mickelson E, Hurley C, Ng J, et al. 13<sup>th</sup> IHWS Shared Resources Joint Report. In: *Immunobiology of the Human MHC*. JA Hansen, Ed. 2006 International Histocompatibility Working Group Press, Fred Hutchinson Cancer Research Center, Seattle, 2006;523.
4. Aldener A and Olerup O. Characterization of a novel DQB1 (DQB1\*0609) allele by PCR amplification with sequence-specific primers (PCR-SSP) and nucleotide sequencing. *Tissue Antigens* 1993;42:536.
5. Street J, Hammond L, Pepperall J, and Darke C. HLA-B\*1542 – a ‘hybrid’ of B\*1501 and B\*5501: confirmatory sequence, genetics and serology. *Int J Immunogenet* 2005;2:249.
6. Kervaire B and Tiercy JM. Additional diversity within the B70 serotype: identification of B\*1580 in a Caucasoid blood donor. *Tissue Antigens* 2004;63:270.
7. Cao K, Wang Q, Lai C, et al. Identification of novel HLA alleles of A\*9241, B\*9546, B\*350107 and Cw\*0763 by sequence based typing (SBT). *Human Immunol* 2009;70(suppl. 1):S80.

***NEXT MAILING DATE: November 2, 2011***

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

\*\*\*\*\*  
 \* \*  
 \* PARTICIPATING CENTERS \*  
 \* \*  
 \*\*\*\*\*

NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY
(W.H.O. LABS)		Hahn PhD,Amy B.	Albany NY	Noreen,Harriet	Minneapolis MN
		Hamdi,Dr Nuha	Riyadh	Norin,Dr Allen	Brooklyn NY
Fischer & Mayr,Dr	Vienna	Han,Dr Hoon	Seoul	Olerup SSP AB	Stockholm
		Hanau,Prof Daniel	Strasbourg	Ozawa,Mikki	Los Angeles CA
Adams,Sharon	Bethesda MD	Harville,Dr Terry	Little Rock AR	Pais,Dr Maria Luisa	Coimbra
Ahn,Jaeie	Gyeonggi-do	Hidajat,Dr Melanny	Brugge	Pancoska PhD,Carol	Philadelphia PA
Ajlan,Dr Abdulaziz	Riyadh	Hirankarn MD PhD,Nat	Bangkok	Passey,Ben	Bromborough
Al-Attas,Dr Rabab	Damman-East Pr	Hogan,Dr Patrick	Herston QLD	Pereira,Noemi Farah	Curitiba Paran
Alonso,Antonio	Malaga	Holdsworth,Rhonda	South Melbourn	Permpikul & Vejbaesy	Bangkok
Alvarez & Carrett,Dr	Montevideo	Holman,Richard	London England	Phelan,Donna	St Louis MO
Askar,Medhat Z.	Cleveland OH	Hsu PhD,Susan H.	Philadelphia PA	Pollack PhD,Marilyn	San Antonio TX
Baker,Judy	Dallas TX	Hubbell,Charlene	Syracuse NY	Poulton,Dr Kay V.	Manchester
Baxter-Lowe,Dr Lee A	San Francisco CA	Hurley & Hartzma,Dr	Rockville MD	Ramon PhD,Daniel	Ann Arbor MI
Blasczyk,Prof Rainer	Hannover	Ichikawa MD PhD,Yasu	Nishinomiya,Hy	Rao PhD,Prakash	New Providence NJ
Carrington & Martin,	Frederick MD	Israel,Dr Shoshana	Jerusalem	Ray & Balazs,	Stamford CT
Cecka PhD,J.Michael	Honolulu HI	Israel_LR,	Jerusalem	Reed PhD,Elaine F.	Los Angeles CA
Cecka PhD,Michael	Los Angeles CA	Iwaki,Dr Yui	San Bernardino CA	Reed PhD,Elaine F.	Los Angeles CA
Chan MD,Prof Soh Ha	Singapore	Jaatinen,Dr Taina	Helsinki	Rees,Dr Tracey	Pontyclun Wale
Charlton PhD,Ronald	Jacksonville FL	Kamoun MD,Malek	Philadelphia PA	Reinke MD,Dennis	Bismarck ND
Charron,Prof D.	Paris Cedex 10	Kanangat PhD,Siva	Chicago IL	Reinsmoen PhD,Nancy	Los Angeles CA
Chen,Dr Dong-Feng	Durham NC	Kato MD,Shunichi	Isehara,Kanaga	Roberts,Chrissy H.	London England
Claas,Prof F.H.J.	Leiden	Keown MD,Paul	Vancouver BC	Rosen-Bronson PhD,Sa	Washington DC
Clark,Dr Brendan	Leeds England	Kihara,Masaaki	Tokyo	Rost & Klein,Dr	Martinsried
Cohen,Prof JHM	Reims	Kim,Prof Tai-Gyu	Seoul	Rubocki PhD,Ronald	Scarborough ME
Colombe PhD,Beth W.	Philadelphia PA	Klein MD,Jon	Louisville KY	Sage,Dr Deborah	London England
Costeas,Dr Paul A.	Nicosia	Klein,Dr Tirza	Petach Tikva	Schroeder MD,M.L.	Winnipeg MB
Crowe PhD,Deborah	Nashville TN	Klein_LR,	Petach Tikva	Scornik,Dr Juan C.	Gainesville FL
Daniel PhD,Claude	Laval PQ	KuKuruga PhD,Debra	Baltimore MD	Semana MD PhD,Gilber	Rennes
Daniel,Dr Dolly	Tamil Nadu	Kusnierczyk PhD,Piot	Wroclaw	Senitzer PhD,David	Duarte CA
Danilovs PhD,John	Phoenix AZ	Kvam,Vonnett	Waukesha WI	Shai,Isaac	Medunsa
del Pozo,Dr Ana	Buenos Aires	Kwok,Dr Janette		Shanmugam,Dr Hemalat	Kuala Lumpur
Dhaliwal,J.S.	Kuala Lumpur	Kwon MD,So Young	Seoul	Stamm,Luz	Calgary AB
Dinauer,David	Brown Deer WI	Lacelle,Dr Chantale	Dallas TX	Stavropoulos,Maria	New Haven CT
Du PhD,Keming	Shanghai	Land,Dr Geoffrey A.	Houston TX	Suciu-Foca PhD,Nicol	New York NY
Dunk,Arthur	Lauderhill FL	Lardy,Dr N.M.	Amsterdam	Sutton,Maggie	Oxford England
Dunn,Dr Paul	Auckland	Lee PhD,Kyung Wha	Anyang,Kyungki	Tambur,Anat	Chicago IL
Eckels/CPMC,	San Francisco CA	Lee,Dr Jar-How	Canoga Park CA	Tavoularis,Dr Sofia	Ottawa ON
Eckels/Utah,	Salt Lake City UT	Lim MD,Young Ae	Suwon	Thoni MD,Deborah	Orlando FL
Elkhalifa MD PhD,Moh	Riyadh	Linke,Robert	Stamford CT	Tiercy,Dr Jean-Marie	Geneva 14
Ellis PhD,Thomas	Milwaukee WI	Lo MD,Raymundo W.	Quezon City	Tilanus,Prof Marcel	Maastricht
Enczmann,Dr J.	Dusseldorf	Loewenthal MD PhD,Ro	Tel-Hashomer	Trachtenberg PhD,Eli	Oakland CA
Endres,Dr Robert O.	Tempe AZ	Loftus,Kimberly	Providence RI	Trowsdale,Prof John	Cambridge
Esteves Kondo,Debra	Canoga Park CA	Lopez-Cepero PhD,May	Tampa FL	Turner PhD,E.V.	Memphis TN
Esteves-Kondo,Debra	Canoga Park CA	Maeda,Lisa	Los Angeles CA	Tyan,Dr Dolly	Palo Alto CA
Fagoaga,Dr Omar	Detroit MI	Mah,Helen	Boston MA	Uhrberg,Dr Markus	Dusseldorf
Fernandez-Vina & Can	Houston TX	Maha PhD,George	Burlington NC	Varnavidou-Nico,Dr A	Strovolos Nico
Fort,Dr Marylise	Toulouse Cedex	Mani,Dr Rama	Chennai,Tamil	Vidan-Jeras,Blanka	Ljubljana
Fuessel PhD,Monika	Dresden	Marino,Susana R.	Chicago IL	Vilches,Dr Carlos	Madrid
Gandhi MD,Manish	Rochester MN	Marsh,Prof Steven	London England	Walter Reed Natl Med	Bethesda MD
Gardiner PhD,Clair M	Dublin	Masuo,Kiyoe	Tokyo	Watkins PhD,David I.	Madison WI
Gautreaux,Dr Michael	Winston-Salem NC	McAlack-Hanau,	Philadelphia PA	Watson,Narelle	Alexandria NSW
Geier,Dr Steven	Philadelphia PA	McCluskey,Prof James	Adelaide, So A	Wisecarver MD PhD,Ja	Omaha NE
Gideon,Osnat	Haifa	McIntyre PhD,John A.	Beech Grove IN	Witt,Campbell	Perth - West A

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

B-CELL LINE TER-461

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
5488 Adams, Sharon	*01:01:01	*14:17	*01:01	*05:01:01	*06:03:01	*01:01	*01:03	*04:01:01	SSSO, SBT, SSP
8070 Ahn, Jaeie	*01	*14		*05	*06			*04	P-SSP
4691 Ajlan, Abdula	*01:01	*14:17		*05:01/07/11	*06:03/28+				SSO
5133 Baker, Judy	*01:01:01	*14:17	*01:01	*05:01:01	*06:03:01	*01:01/04/05	*01:03		SSO, SBT
774 Cecka, J. Mich	*01:01:01	*14:17	*01:01/12+	*05:01/07/11	*06:03/40/41	*01:01	*01:03		SSP, SSOP
785 Chan, Soh Ha	*0101/18/20	*1417/30/80	*010102	*050101	*060301	*0101/04/05	*0103		SBT
4492 Charron, D.	*01:01/18/32	*14:17	*01:01	*05:01/07/12	*06:03/44	*01:01	*01:03	*04:01+	P-SSO, SSP
3224 Chen, Dongfen	*01:01	*14:17	*01:01/12+	*05:01	*06:03				SBT, SSP
8021 Clark, Brenda	*01:01/32	*14:17	*01	*05:01	*06:03			*04:01	P-SSP, SSO
3632 Colombe, Beth	*01:01	*14:17	*01:01	*05:01	*06:03				SSOP, SSP
5130 Costeas, Paul	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03		SSP
779 Daniel, Claud	*01	*14	*+	*05	*06				P-SSP
5219 Daniel, Dolly	*01	*14	*+	*05	*06				P-SSOP
8052 Del Pozo, Ana	*01	*14:17		*0501	*0603/28/31	*0101/04/05	*0103		P-SSO
5323 Dhaliwal, J.S	*01:01	*14:17	*01	*05	*06				P-SSP
5891 Du, Keming	*01:01	*14:17		*05:01	*06:03				P-SBT
5214 Eckels/CPMC	*01	*13	*01:01	*05	*06	*01	*01:03	*04:01	SSOP
2332 Elkhalfi, Mc	*01:01	*14:17		*05:01	*06:03				SSP
4251 Ellis, Thomas	*01:01	*14:17	*01	*05:01	*06:03	*01	*01	*04:01	P-RVSSO, SBT
3135 Enczmann, J.	*01:01	*14:17	*01:01	*05:01	*06:03/41			*04:01:01G	SBT, SSP, SSC
762 Fischer/Mayr	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03	*04:01	SSO, SSP, SBT+
4079 Fort, Marylis	*01:01/32/36	*14:17		*05:01/07/12	*06:03/44				P-SSP, SSO
792 Gandhi, Manis	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03		SSO, SSP
8043 Gideoni, Osna	*01:01	*14:17		*05:01	*06:03	*01:01	*01:03		SSP
9002 Gideoni_LR	*01	*14		*05	*06				SSO, SSP
234 Gomez, Carmen	*01	*13	*+	*05	*06				SSP
5195 Gomez, Carmen	*01	*13	*01:01	*05	*06	*01	*01:03		SSOP
1694 Gottwald&Hes	*01:01	*14:17		*05:01	*06:03				SSP
910 Hahn, Amy B.	*01:01/17/25+	*14:17	*01:01	*05:01/07/11	*06:03/40/41				SSP
810 Hamdi, Nuha	*01:01	*14:17		*05:01	*06:03	*01:01	*01:03		SSO
4269 Hanau, Daniel	*01	*14		*05	*06				P-SSP
1461 Hidajat, M.	*01:01	*14:17	*01:01	*05:01	*06:03			*04:01	SSO, SSP
2344 Hurley/Hartz	*01:01:01	*14:17		*05:01:01:01+	*06:03:01/41+			*04:01:01G	SBT, SSOP
859 Kamoun, Malek	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03		SBT, SSO, SSP
4337 Kim, Tai-Gyu	*01:01	*14:17		*05:01	*06:03/41/44			*04:01:01G	SBT
168 Klein, Tirza	*01:01	*14:17		*05:01	*06:03				SSO, SSP
9000 Klein_LR	*01	*14		*05	*06				SSO
5096 Kwon, So Youn	*01	*14							SSOP
87 Land, Geoffre	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03	*04:01	SBT, SSO, SSP
725 Lardy, N, M.	*01	*14	*+	*05	*06	*01			SSO, SSP
278 Lee, Jar-How	*01:01	*14:17	*01:01	*05:01/07/11	*06:03/41	*01:01/04/05	*01:03	*04:01:01G	SSP, RVSSOP
640 Lee, Kyung Wh	*01:01	*14:17		*05:01	*06:03:01G	*01:01:01	*01:03		P-SBT
6649 Lim, Young Ae	*01	*14	*+						SSP
274 Lo, Raymundo	*01	*14		*05:01	*06				SSO
731 Loewenthal, R	*01	*14		*05	*06				SSO
759 Lopez-Ceperc	*01:01/04-07+	*14:17/30/80		*05:01	*06:03/28/31	*01:01/04/05	*01:03	*04:01P	RVSSO
13 Maeda, Lisa	*01:01	*14:17	*01:01	*05:01	*06:03				SSP
23 Mah, Helen	*01:01	*13:01	*01:01	*05:01	*06:03	*01	*01:03	*04:01	SSO, SSP
8029 Mani, Rama	*01	*14	*+						SSP
206 McAlack-Hana	*01	*13	*01:01	*05:01	*06				RVSSOP
9916 McIntyre, Joh	*01:01:01	*14:17	*01:01	*05:01	*06:03				SBT, SSP
8042 Muncher, Lior	*01:01	*14:17		*05:01	*06:03				SSOP, SSP
9001 Muncher_LR	*01	*14		*05	*06				SSOP, SSP
3648 Pereira, Noen	*01:01	*14:17		*05:01	*06:03	*01	*01		RVSSO, SBT

B-CELL LINE TER-461

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
3966 Permpikul&Ve	*01:01	*14:17	*01:01	*05:01	*06:03				P-SSP
2400 Phelan, Donna	*01:01	*14:17	*01	*05:01	*06:03	*01:01/04/05	*01:03	*04:01:01G	RSSO, SBT, SSP
735 Ramon, Daniel	*01	*14	*01:01	*05:01/07/11	*06:03/28/31+	*01:01/04/05	*01:03	*04:01:01G	RVSSOP
8001 Rao, Prakash	*01:01	*14:17	*01:01	*05:01/07/11	*06:03/41	*01:01/04/05	*01:03	*04:01	RVSSO, SSP
3753 Reed, Elaine	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01/04/05	*01:03		SBT, SSP, RSSO
3798 Reinsmoen, N	*01:01:01	*14:17	*01:01	*05:01/07/11	*06:03/28/31+	*01:01/04/05	*01:03	*04:01:01G	RVSSO, SBT
1160 Rosen-Bronsc	*01	*14:17	*01:01	*05	*06				RVSSO, SSP
793 Rubocki, Rona	*01	*14	+	*05	*06			*04:01+	SSP
3519 Semana, Gilbe	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03	*04:01	SBT, P-SSP
8068 Shanmugam, He	*01	*14	*01-*03	*05	*06				P-SSP
746 Stamm, Luz	*01:01	*14:17	*01	*05:01	*06:03	*01	*01:03		SSO, SSP, SBT
5451 Tilanus, Marc	*01:01:01	*14:17	*01:01:02	*05:01:01	*06:03:01	*01:01	*01:03:01	*04:01:01	SBT
4021 Trachtenberg	*01	*14	*01:01	*05	*06	*01	*01:03		SSO
5462 Turner, E.V.	*01:01:01	*14:17	*01:01/12+	*05:01/07/11	*06:03/28/31+			*04:01+	SEQ, SSO, SSP
3511 Zeevi, Adrian	*01:01	*14:17	*01:01	*05:01	*06:03	*01:01	*01:03	*04:01	RVSSOP, SSP

CTR DIRNAME	DR1	DR14	DR52	DQ1	DQ1X	OTH1	OTH2
4492 Charron, D.	+	+	+	+			
234 Gomez, Carmen	+		+	DQ5	DQ6	DR13	
5195 Gomez, Carmen	+		+	DQ5	DQ6	DR13	
910 Hahn, Amy B.	+	+	+	+		DR13	
54 Pancoska, Car	+	+	+	+			
793 Rubocki, Rona	+	+	+	+			
8063 Shai, Isaac	+		+	DQ5	DQ6	DR13, DR10	



B-CELL LINE TER-461 (Caucasian)  
69 DNA LABS

69 LABS REPORTING DRB1

DRB1*01	42%
DRB1*01:01	46%
DRB1*01:01:01	12%
DRB1*01	100% TOTAL
DRB1*14	28%
DRB1*14:17	65%
DRB1*14	93% TOTAL

66 LABS REPORTING DQB1

DQB1*05	29%
DQB1*05:01/07/11	12%
DQB1*05:01	50%
DQB1*0501	1%
DQB1*05:01:01	6%
DQB1*050101	2%
DQB1*05	100% TOTAL
DQB1*06	43%
DQB1*06:03/40/41	3%
DQB1*06:03:01/40/41	1%
DQB1*06:03/41	5%
DQB1*06:03	41%
DQB1*06:03:01	5%
DQB1*060301	1%
DQB1*06:03:01G	1%
DQB1*06	100% TOTAL

32 LABS REPORTING DQA1

DQA1*01	25%
DQA1*01:01/04/05	25%
DQA1*0101/04/05	6%
DQA1*01:01	41%
DQA1*01:01:01	3%
DQA1*01	100% TOTAL
DQA1*01	10%
DQA1*01:03	81%
DQA1*0103	6%
DQA1*01:03:01	3%
DQA1*01	100% TOTAL

46 LABS REPORTING DRB3

DRB3*+	17%
DRB3*01:01	61%
DRB3*01:01:02	2%
DRB3*010102	2%
DRB3*01	18%

26 LABS REPORTING DPB1

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

OTHERS

DRB1*13	7%
---------	----

7 SEROLOGY LABS

DR1	100%	DQ1	57%
		DQ5	43%
DR14	57%	DQ6	43%
DR52	100%		
OTHERS			
DR13	57%		

B-CELL LINE TER-462

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488 Adams, Sharon	*13:02:01		*03:01	*06:09		*01:02		*01:01:01	*02:01:02	RSSO, SBT, SSP
8070 Ahn, Jaeie	*13	*13		*06	*06			*01	*02	P-SSP
4691 Ajlan, Abdula	*13:02	*13:02		*06:09	*06:09					SSO
5133 Baker, Judy	*13:02:01		*03:01	*06:09		*01:02				SSO, SBT
774 Cecka, J. Mich	*13:02/67/73/74/99/103+		*03:01	*06:09			*01:02			SSP, SSOP
785 Chan, Soh Ha	*130201		*0301	*0609/18						SBT
4492 Charron, D.	*13:02	*13:02/109	*03:01	*06:09		*01:02		*01:01/*127:01	*02:01	P-SSO, SSP
3224 Chen, Dongfen	*13:02		*03:01	*06:09						SBT, SSP
8021 Clark, Brenda	*13:02/99/103+	*03		*06:09				*01:01	*02:01	P-SSP, SSO
3632 Colombe, Beth	*13:02		*03:01	*06:09						SSOP, SSP
5130 Costeas, Paul	*13:02		*03:01	*06:09		*01:02				SSP
779 Daniel, Claud	*13		*+	*06						P-SSP
5219 Daniel, Dolly	*13	*13	*+	*06	*06					P-SSOP
8052 Del Pozo, Ana	*13	*13		*0609	*0609	*0102	*0102			P-SSO
5323 Dhaliwal, J.S	*13:02		*03	*06						P-SSP
5891 Du, Keming	*13:02	*13:02		*06:09	*06:09					P-SBT
5214 Eckels/CPMC	*13	*13	*03:01	*06:09	*06:09	*01:02	*01:02	*01:01	*02:01	SSOP
2332 Elkhalfifa, Mc	*13:02			*06:09						SSP
4251 Ellis, Thomas	*13:02	*13:02	*03:01	*06:09	*06:09	*01	*01	*01:01	*02:01	P-RVSSO, SBT
3135 Enczmann, J.	*13:02		*03:01	*06:09				*01:01	*02:01	SBT, SSP, SSO
762 Fischer/Mayr	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	SSO, LBT, SBT+
4079 Fort, Marylis	*13:02	*13:02/109		*06:09	*06:05/09					P-SSP, SSO
792 Gandhi, Manis	*13:02		*03:01	*06:09		*01:02				SSO, SSP
8043 Gideoni, Osna	*13:02			*06:09		*01:02				SSP
9002 Gideoni_LR	*13			*06						SSO, SSP
234 Gomez, Carmen	*13		*+	*06						SSP
5195 Gomez, Carmen	*13	*13	*03:01	*06:09		*01:02				SSOP
1694 Gottwald&Hes	*13:02			*06:09						SSP
910 Hahn, Amy B.	*13:02/73/74/99/104		*03:01	*06:09						SSP
810 Hamdi, Nuha	*13:02	*13:63		*06:09	*06:09	*01:02	*01:02			SSO
4269 Hanau, Daniel	*13			*06						P-SSP
1461 Hidajat, M.	*13:02		*03:01	*06:09				*01:01	*02:01	SSO, SSP
2344 Hurley/Hartz	*13:02:01			*06:09				*01:01:01	*02:01:02	SBT, SSOP
859 Kamoun, Malek	*13:02		*03:01	*06:09		*01:02				SBT, SSO, SSP
4337 Kim, Tai-Gyu	*13:02	*13:02		*06:09	*06:09			*01:01	*02:01	SBT
168 Klein, Tirza	*13:02			*06:09						SSO, SSP
9000 Klein_LR	*13			*06						SSO
5096 Kwon, So Youn	*13	*13								SSOP
87 Land, Geoffre	*13:02	*13:02	*03:01	*06:09	*06:09	*01:02	*01:02	*01:01	*02:01	SBT, SSO, SSP
725 Lardy, N, M.	*13		*+	*06		*01				SSO, SSP
278 Lee, Jar-How	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	SSP, RVSSOP
640 Lee, Kyung Wh	*13:02			*06:09		*01:02:01				P-SBT
6649 Lim, Young Ae	*13		*+							SSP
274 Lo, Raymundo	*13	*13		*06:09						SSO
731 Loewenthal, R	*13:02:01			*06						SBT, SSO
759 Lopez-Ceperc	*13:02/23/34+	*13:02/39+		*06:09		*01:02		*01:01	*02:01	RVSSO
13 Maeda, Lisa	*13:02		*03:01	*06:09						SSP
23 Mah, Helen	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	SSO, SSP
8029 Mani, Rama	*13		*+							SSP
206 McAlack-Hana	*13		*03:01	*06:09						RVSSOP
9916 McIntyre, Joh	*13:02:01		*03:01	*06:09	*06:05:02/09					SBT, SSP
8042 Muncher, Lior	*13:02			*06:09						SSOP, SSP
9001 Muncher_LR	*13			*06						SSOP, SSP
3648 Pereira, Noen	*13:02			*06:09		*01				RVSSO, SBT

B-CELL LINE TER-462

CTR DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3966 Permpikul&Ve	*13:02		*03:01	*06:09						P-SSP
2400 Phelan, Donna	*13:02		*03	*06:09		*01:02		*01:01	*02:01	RSSO, SBT, SSF
735 Ramon, Daniel	*13	*13	*03:01	*06:09	*06:09	*01:02	*01:02	*01:01	*02:01	RVSSOP
8001 Rao, Prakash	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	RVSSO, SSP
3753 Reed, Elaine	*13:02/67/103	*13:02/67+	*03:01	*06:09	*06:09	*01:02	*01:02			SBT, SSP, RSSC
3798 Reinsmoen, N	*13:02:01		*03:01	*06:09		*01:02		*01:01	*02:01	RVSSO, SBT
1160 Rosen-Bronsc	*13		*03:01	*06:09						RVSSO, SSP
793 Rubocki, Rona	*13		**	*06				*01:01	*02:01/*123:01	SSP
3519 Semana, Gilbe	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	SBT, P-SSP
8068 Shanmugam, He	*13	*13	*01-*03	*06	*06					P-SSP
746 Stamm, Luz	*13:02		*03	*06:09		*01:02				SSO, SSP, SBT
5451 Tilanus, Marc	*13:02:01		*03:01	*06:09		*01:02:01		*01:01:01	*02:01:02	SBT
4021 Trachtenberg	*13		*03:01	*06:09		*01:02				SSO
5462 Turner, E.V.	*13:02:01		*03:01	*06:09				*01:01	*02:01/*123:01	SEQ, SSO, SSP
3511 Zeevi, Adrian	*13:02		*03:01	*06:09		*01:02		*01:01	*02:01	RVSSOP, SSP

CTR DIRNAME	DR13	DR52	DQ6	OTH1	OTH2
4492 Charron, D.	+	+	DQ1		
234 Gomez, Carmen	+	+	+		
5195 Gomez, Carmen	+	+	+		
910 Hahn, Amy B.	DR1302	+	DQ1		
54 Pancoska, Car	+	+	+		
793 Rubocki, Rona	+	+	+		
8063 Shai, Isaac	+	+	+		

B-CELL LINE TER-462

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*13	39%
DRB1*13:02	48%
DRB1*13:02:01	12%
DRB1*130201	1%
DRB1*13	100% TOTAL

66 LABS REPORTING DQB1

DQB1*06	21%
DQB1*06:09	77%
DQB1*0609	2%
DQB1*06	100% TOTAL

31 LABS REPORTING DQA1

DQA1*01	10%
DQA1*01:02	78%
DQA1*0102	6%
DQA1*01:02:01	6%
DQA1*01	100% TOTAL

45 LABS REPORTING DRB3

DRB3*+	18%
DRB3*03:01	73%
DRB3*0301	2%
DRB3*03	7%

24 LABS REPORTING DPB1

DPB1*01	4%
DPB1*01:01+	4%
DPB1*01:01	79%
DPB1*01:01:01	13%
DPB1*01	100% TOTAL
DPB1*02	4%
DPB1*02:01+	8%
DPB1*02:01	75%
DPB1*02:01:02	13%
DPB1*02	100% TOTAL

7 SEROLOGY LABS

DR13	86%
DR1302	14%
DR13	100% TOTAL

DQ1	29%
DQ6	71%
DQ1	100% TOTAL

DR52	100%
------	------

	SERUM NO. 1065										SERUM NO. 1066										METHOD					
	%	%	A	A	A	A	A	A	A	A	A	%	%	A	A	B	A	A	B	A		B	C	W		
POS	8'S	3	1	4	9	8	0	5	9	6	6	POS	8'S	0	1	3	4	9	1	3	0	6	8			
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+			+	+	CW17,CW15,CW5	( )		
Alvarez & Ca	???	???	+	+	+	+	+	+			+	A32,A23	???	???	+			+		+			A25,A26,B7,A32	(3)		
Askar,Medhat	6	100	+										6	100	+									(2)		
Baker,Judy	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+		+	+	+	+		B27,B81,A66	(3)		
Cecka,J.Mich	36	50	+	+		+	+					A32	20	86	+	+	+							(4)		
Claas,F.H.J.	25	100	+										21	100	+	+								(1)		
Cohen,JHM Pr	76	???	+	+	+	+	+	+	+	+	+	A3	20	???	+	+	+	+	+	+	+		A32,B27	(3)		
Dunk,Arthur	12	100	+		+								17	86	+	+		+					A32	(6)		
Dunn,Paul Dr	???	???	+	+	+		+		+			A32	???	???	+	+		+						(2)		
Eckels/CPMC	37	???								+	+		17	???	+	+								(4)		
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	A43,B81	???	???	+	+	+	+				+	+	CW17,CW15,A74>	(3)	
Esteves Kond	13	50	+										18	0	+									(1)		
Esteves-Kond	80	80	+	+	+	+	+	+	+		+	A3,A23	52	67	+	+		+	+		+		A32,A74,A66,A3>	(3)		
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+				+	+	CW17,CW15,CW5>	(3)	
Gandhi,Manis	20	???	+		+								20	???	+	+	+							(4)		
Gautreaux,Mi	98	???	+	+	+	+	+		+	+			68	???	+	+	+	+				+		A66	(3)	
Hahn,Amy B.	61	92										A10,A19,A28	40	100	+	+	+					+		(4)		
Hamdi,Nuha D	76	100	+	+	+	+		+				CW16,B56,CW4>	24	100	+	+	+							(3)		
Han,Hoon Dr	53	???	+	+	+	+	+	+	+	+	+	A74	47	???	+	+	+	+	+					(3)		
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+			+		B81,B7,2708	(3)	
Hogan,Patric	3	100	+										15	75	+							+		(1)		
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+			+	+	CW17,CW15,CW5	(3)	
Klein,Tirza	92	100	+		+	+	+	+	+	+	+		58	100	+	+	+	+			+			B46,B78,B62,B7>	(3)	
Lardy,N.M. D	43	33	+	+	+	+	+	+	+	+	+		35	100	+	+		+		+				A25,A26,A66	(2)	
Loewenthal M	98	100	+	+		+	+		+	+			96	100	+	+			+					B35,B52,B78>	(3)	
MacCann,Eile	98	???	+	+	+	+	+	+	+	+	+	A32	98	???	+	+	+	+	+	+	+	+			A11,A66,A43	(3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+			+	+	CW17,CW15,CW5	(3)	
Mah,Helen	15	60	+								+	B55	14	29	+	+								(4)		
McAlack-Hana	88	100	+	+	+	+	+	+	+	+	+		68	100	+	+	+	+	+			+		B81,B27	(3)	
McCluskey,Ja	???	???	+									A19	???	???	+	+								(6)		
Meyer,Pieter	98	???			+								98	???	+	+								B7,B56,A25,A3>	(3)	
Mpuntscha,Loy	47	???	+	+	+	+	+	+	+	+	+		39	???	+	+	+	+	+	+	+	+	+		(3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		B27,B81	(3)
Pancoska,Car	38	100	+	+	+	+	+	+	+	+	+	A32,A74	42	100	+	+	+				+	+	+		CW15,CW17,CW2>	(3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+				+	+		CW17,CW15,CW5>	(3)
Permpikul &	23	100	+										5	???											???	(1)
Phelan,Donna	35	???	+	+		+		+					33	???	+	+		+	+		+				A3,A11,A32,A26>	(3)
Ramon,Daniel	60	???	+	+	+	+	+	+	+	+	+	A74	48	???	+	+	+	+	+	+	+	+			(4)	
Rosen-Bronso	89	???	+	+	+	+	+	+	+	+	+		62	???	+	+	+	+	+				+	+	CW17,CW15,CW5	(3)
Sage,Deborah	98	???	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+				+	+		CW15,CW17,CW5	(3)
Suciu-Foca,N	17	7	+	+	+	+	+						18	10	+	+									(1)	
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	A32,A3	???	???	+	+	+	+	+	+		+			A66,CW2,CW5	(3)

\*\*\* 42 TYPING LABS \*\*\*

A33	93%	0.960
A31	69%	0.960
A34	67%	0.974
A29	64%	1.000
A68	62%	1.000
A30	57%	0.894
A25	55%	1.000
A69	52%	1.000
A66	50%	1.000
A26	33%	0.920
A32	19%	0.955
A74	14%	1.000
A3	12%	1.000
A23	7%	1.000
A43	7%	1.000
A10	5%	0.933
A19	5%	0.786

\*\*\* 42 TYPING LABS \*\*\*

A30	98%	0.990
A31	86%	0.966
B13	60%	1.000
A34	48%	1.000
A29	36%	0.743
B61	31%	1.000
A33	29%	0.944
B60	26%	0.955
CW18	24%	1.000
CW6	24%	1.000
CW5	21%	1.000
CW15	21%	1.000
CW17	21%	1.000
A66	19%	1.000
A32	14%	0.818
B7	12%	1.000
B81	12%	1.000
A11	10%	1.000
B27	10%	1.000
CW2	10%	1.000
A26	10%	0.833
A3	7%	1.000
A25	7%	1.000
A74	7%	1.000
B52	5%	1.000
B56	5%	1.000
B78	5%	1.000
B35	5%	0.800

Methods:

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

\*\*\* 42 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1065 \*\*\*\*\* SERUM NO. 1066 \*\*\*\*\*

SERUM NO. 1065			SERUM NO. 1066			METHOD	
%	%	A	%	%	A		
POS	8'S	3	POS	8'S	0 1		
Claas, F.H.J.	25	100	+	21	100	+	(1)
Esteves Kond	13	50	+	18	0	+	(1)
Hogan, Patric	3	100	+	15	75	+	A33 (1)
Permpikul &	23	100	+	5	???	???	(1)
Suciu-Foca, N	17	7	+	18	10	+	A29, A30, A31 (1)

\*\*\*\*\* SERUM NO.1065 \*\*\*\*\* SERUM NO.1066 \*\*\*\*\*

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

A33	100%	0.903
A29	20%	1.000
A30	20%	1.000
A31	20%	1.000

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

A30	80%	0.944
A31	40%	1.000
???	20%	1.000
A33	20%	0.500

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1065 \*\*\*\*\* SERUM NO. 1066 \*\*\*\*\*

SERUM NO. 1065						SERUM NO. 1066			METHOD
%	%	A	A	A	A	%	%	A	
POS	8'S	3	3	3	2 2	POS	8'S	0 1	
Askar, Medhat	6	100	+			6	100	+	(2)
Dunn, Paul Dr	???	???	+	+	+	???	???	+	A32, A68 (2)
Lardy, N.M. D	43	33	+	+	+	35	100	+	A29, A30, A66 (2)

\*\*\*\*\* SERUM NO.1065 \*\*\*\*\* SERUM NO.1066 \*\*\*\*\*

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

A33	100%	1.000
A25	67%	1.000
A31	67%	1.000
A34	67%	1.000
A26	67%	0.500
A29	33%	1.000
A32	33%	1.000
A66	33%	1.000
A68	33%	1.000
A30	33%	0.750

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

A30	100%	1.000
A31	67%	1.000
A25	33%	1.000
A33	33%	1.000
A34	33%	1.000
A66	33%	1.000
A26	33%	0.667
A29	33%	0.500

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: NIH-ext

SERUM NO. 1065											SERUM NO. 1066											METHOD			
		A	A	A	A	A	A	A	A	A			A	A	B	A	B	A	W	C	C		W		
%	%	3	3	2	3	6	2	6	3	6	2	%	%	3	3	1	3	6	2	1	W	W	1		
POS	8'S	3	1	9	4	8	5	9	0	6	6	POS	8'S	0	1	3	4	1	9	8	6	5	7		
Alvarez & Ca	???	???	+	+	+	+	+	+	+	+	+	A32,A23	???	???	+	+	+	+	+	+	+	+	+	A25,A26,A33,B7>	(F-3)
Askar,Medhat	87	100	+	+	+	+	+	+	+	+	+	6602	90	100	+	+	+	+	+	+	+	+	+	CW15,CW2	(L-3)
Baker,Judy	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B27,B60,B81>	(L-3)
Cecka,J.Mich	77	100	+	+	+	+	+	+	+	+	+	43	100	+	+	+	+	+	+	+	+	+	+	B60,A33,B81>	(L-3)
Cohen,JHM Pr	76	???	+	+	+	+	+	+	+	+	+	A3	20	???	+	+	+	+	+	+	+	+	+	B60,A33,A32>	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	6602,6601	???	???	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Eckels/CPMC	96	???	+	+	+	+	+	+	+	+	+	A23,A24,A3,A32	94	???	+	+	+	+	+	+	+	+	+	A25,A26,A3,A32(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	A43,B81	???	???	+	+	+	+	+	+	+	+	+	CW15,A74,B7	(L-3)
Esteves-Kond	80	80	+	+	+	+	+	+	+	+	+	A3,A23	52	67	+	+	+	+	+	+	+	+	+	A32,A33,A74,A3>	(F-3)
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CW15,CW2	(L-3)
Gandhi,Manis	74	???	+	+	+	+	+	+	+	+	+	77	???	+	+	+	+	+	+	+	+	+	+	CW15,CW2	(F-3)
Gautreaux,Mi	98	???	+	+	+	+	+	+	+	+	+	68	???	+	+	+	+	+	+	+	+	+	+	A66,B60	(L-3)
Hahn,Amy B.	36	???	+	+	+	+	+	+	+	+	+	35	???	+	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Hamdi,Nuha D	76	100	+	+	+	+	+	+	+	+	+	CW16,B56,CW4>	24	100	+	+	+	+	+	+	+	+	+	B35,B81,B47	(L-3)
Han,Hoon Dr	53	???	+	+	+	+	+	+	+	+	+	A74	47	???	+	+	+	+	+	+	+	+	+	A32,A66,A69>	(L-3)
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B60,B81,B7>	(L-3)
Hogan,Patric	???	???	+	+	+	+	+	+	+	+	+	B7	???	???	+	+	+	+	+	+	+	+	+	B7,B27,B81	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Klein,Tirza	92	100	+	+	+	+	+	+	+	+	+	B46,B71,B42>	58	100	+	+	+	+	+	+	+	+	+	B46,B78,B62,B7>	(L-3)
Loewenthal M	98	100	+	+	+	+	+	+	+	+	+	B35,B53,B49>	96	100	+	+	+	+	+	+	+	+	+	B35,B52,B78>	(L-3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+	+	A32	98	???	+	+	+	+	+	+	+	+	+	A11,B60,A66>	(L-3)
Maeda,Lisa	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Mah,Helen	42	???	+	+	+	+	+	+	+	+	+	40	???	+	+	+	+	+	+	+	+	+	+	B60,A33,B7,B81	(L-3)
McAlack-Hana	88	100	+	+	+	+	+	+	+	+	+	68	100	+	+	+	+	+	+	+	+	+	+	B81,B27	(L-3)
McCluskey,Ja	???	???	+	+	+	+	+	+	+	+	+	B7	???	???	+	+	+	+	+	+	+	+	+	B27,B7,A66	(L-3)
Meyer,Pieter	98	???	+	+	+	+	+	+	+	+	+	A1,A24,B54,B38>	98	???	+	+	+	+	+	+	+	+	+	B7,B56,A25,A3>	(L-3)
Mpuntsha,Loy	47	???	+	+	+	+	+	+	+	+	+	39	???	+	+	+	+	+	+	+	+	+	+	B60,A33	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B27,B60,B81>	(L-3)
Pancoska,Car	38	100	+	+	+	+	+	+	+	+	+	A32,A74	42	100	+	+	+	+	+	+	+	+	+	CW15,CW2,B60	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	+	+	CW15,CW2	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	A74	???	???	+	+	+	+	+	+	+	+	+	A26,A74,B81	(L-3)
Phelan,Donna	35	???	+	+	+	+	+	+	+	+	+	A3,A23,A32,A10>	33	???	+	+	+	+	+	+	+	+	+	A3,A11,A32,A33>	(L-3)
Ramon,Daniel	94	???	+	+	+	+	+	+	+	+	+	A74	93	???	+	+	+	+	+	+	+	+	+	CW15,CW2	(L-3)
Rosen-Bronso	89	???	+	+	+	+	+	+	+	+	+	62	???	+	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Sage,Deborah	98	???	+	+	+	+	+	+	+	+	+	100	???	+	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	A36	???	???	+	+	+	+	+	+	+	+	+	CW15	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	A32,A3	???	???	+	+	+	+	+	+	+	+	+	A66,CW2	(L-3)

(3) - L-Luminex, F-Flow



\*\*\*\*\* SERUM NO.1065 \*\*\*\*\* SERUM NO.1066 \*\*\*\*\*

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

A33	97%	1.000
A29	95%	1.000
A31	95%	1.000
A34	89%	0.979
A68	86%	1.000
A25	84%	1.000
A30	78%	1.000
A69	78%	1.000
A66	70%	1.000
A26	51%	1.000
A32	19%	1.000
A74	19%	1.000
A3	16%	1.000
A23	11%	1.000
A43	8%	1.000
6602	5%	1.000
A24	5%	1.000
B7	5%	1.000

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

A30	100%	1.000
A31	97%	1.000
B13	81%	1.000
A34	70%	1.000
B61	49%	1.000
A29	49%	0.846
CW18	46%	1.000
CW5	41%	1.000
CW6	41%	1.000
CW15	38%	1.000
CW17	38%	1.000
A33	32%	0.905
B60	30%	0.952
A66	24%	1.000
B81	24%	1.000
B7	22%	1.000
CW2	19%	1.000
A32	16%	1.000
B27	16%	1.000
A26	14%	1.000
A74	14%	1.000
A3	11%	1.000
A11	11%	1.000
A25	8%	1.000
B52	5%	1.000
B56	5%	1.000
B78	5%	1.000
B35	5%	0.800

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1065 \*\*\*\*\* SERUM NO. 1066 \*\*\*\*\*

	SERUM NO. 1065										SERUM NO. 1066					
	A	A	A	A	A	A	A	A	A	A	A	A	B	B		
%	3	6	6	3	3	6	3	2	2	3	3	1	6			
POS 8'S	3	9	8	1	0	6	4	9	8	1	0	3	0	METHOD		
Cecka, J. Mich	36	50	+	+	+	+	+			A32	20	86	+	+	+	(4)
Eckels/CPMC,	37	???		+	+						17	???	+	+		(4)
Gandhi, Manis	20	???	+					+			20	???	+	+	+	(4)
Hahn, Amy B.	61	92								+ A10, A19	40	100	+	+	+	(4)
Mah, Helen	15	60	+				+			B55	14	29	+	+		(4)
Ramon, Daniel	60	???	+	+	+	+	+	+	+	A25, A74	48	???	+	+	+	(4)
Suciu-Foca, N	45	67	+		+	+		+	+	A3	10	50	+	+		(4)

\*\*\*\*\* SERUM NO. 1065 \*\*\*\*\* SERUM NO. 1066 \*\*\*\*\*

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

A33	71%	0.933
A68	43%	1.000
A69	43%	1.000
A30	43%	0.861
A31	43%	0.667
A29	29%	1.000
A34	29%	1.000
A66	29%	1.000
A28	29%	0.896
A25	14%	1.000
A74	14%	1.000
A10	14%	0.929
A3	14%	0.890
A19	14%	0.778
A32	14%	0.667
B55	14%	0.500

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

A30	100%	1.000
A31	100%	0.894
B13	57%	1.000
B60	29%	0.833
A33	14%	1.000
A34	14%	1.000
B61	14%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1065 \*\*\*\*\* SERUM NO. 1066 \*\*\*\*\*

	SERUM NO. 1065								SERUM NO. 1066			METHOD				
	A	A	A	A	A	A	A	A	B	A	A					
%	%	6	6	3	3	3	3	2	2	%	%	1	3	3		
POS 8'S	8	9	4	3	1	0	9	6	POS 8'S	3	1	0				
Esteves-Kond	60	57	+		+	+	+	+	+						(5)	
Hahn, Amy B.	10	???	+	+	+	+	+	+	+	A66,A25	6	???	+	+	+	(5)
Pancoska, Car	13	100	+	+							9	10	+	+	+	(5)

\*\*\*\*\* SERUM NO.1065 \*\*\*\*\* SERUM NO.1066 \*\*\*\*\*

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

A68	100%	1.000
A26	67%	1.000
A29	67%	1.000
A30	67%	1.000
A33	67%	1.000
A34	67%	1.000
A69	67%	1.000
A31	67%	0.750
A25	33%	1.000
A66	33%	1.000

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

A30	100%	1.000
A31	100%	1.000
B13	100%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1067											SERUM NO. 1068											METHOD				
	%	%	A 2	A 3	A 3	A 3	A 3	A 6	A 3	B 5	A 2	A 1	%	%	A 2	B 3	A 1	B 3	A 5	B 3	B 5	B 5		B 7	A 8		
POS	8'S	9	1	0	2	3	6	4	7	5	1	POS	8'S	9	5	1	6	3	0	6	5	5	7	8			
Al-Attas, Rab	???	???	+	+	+	+	+	+			+	A24, A43	???	???	+	+	+	+	+	+			+	B50, B71, B49	( )		
Alvarez & Ca	???	???	+	+	+	+	+			+	+	A26, A68	???	???	+	+			+	+	+			B49, B62, A26>	(3)		
Askar, Medhat	51	100	+	+	+	+	+				+	A74, 6602	17	100	+										(2)		
Baker, Judy	???	???	+	+	+	+	+	+	+	+		A43, A68	???	???	+	+	+	+	+			+	+	A43, B51	(3)		
Cecka, J. Mich	45	57	+	+	+		+				+	B18, B58	13	0	+					+					(4)		
Claas, F.H.J.	46	57										A19	12	0	+										(1)		
Cohen, JHM Pr	96	???	+	+	+	+				+	+	A2, A3, A23, A26	67	???	+	+	+	+	+					B22, B21, B15	(3)		
Dunk, Arthur	43	100	+	+	+	+	+	+			+	A26, A80	45	60										B8, B18, B39, B44>	(6)		
Dunn, Paul Dr	???	???	+	+	+	+	+				+	A26, A68	???	???	+									A26, A31, A33>	(2)		
Eckels/CPMC,	95	???										MULTI	95	???										MULTI	(4)		
Elkhalifa MD	???	???	+	+	+	+	+	+	+			A43, A26, B58	???	???	+	+	+	+	+			+	+	+	A26, B77	(3)	
Esteves Kond	38	100	+	+	+	+							15	75	+										(1)		
Esteves-Kond	86	60	+	+	+	+	+				+	A68, A2, A3	72	80	+		+	+		+				A26, A31, A74, A2>	(3)		
Fort, Marylis	???	???	+	+	+	+	+			+	+	A74, A43, A68	???	???	+	+	+	+	+		+	+		+	A43, B49	(3)	
Gandhi, Manis	40	???	+	+	+	+	+	+	+	+		B58	18	???	+										(4)		
Gautreaux, Mi	98	???	+	+	+	+	+	+	+		+		88	???	+	+						+	+		A26, B62, B63>	(3)	
Hahn, Amy B.	96	???										MULTI	78	???											MULTI	(4)	
Hamdi, Nuha D	96	100					+				+	CW6, CW1, A68, B7>	76	100	+		+	+	+	+	+			B67, B63, B42>	(3)		
Han, Hoon Dr	65	???	+	+	+	+	+	+			+	A74	49	???	+	+	+		+						A34, A69, A74	(3)	
Harville, Ter	???	???	+	+	+	+	+	+	+			A43, A74	???	???	+	+	+			+					B51, B71, B50>	(3)	
Hogan, Patric	25	100	+		+	+							5	50	+										A33	(1)	
Holdsworth, R	???	???	+	+	+	+	+	+			+	A3, A68	???	???	+	+	+	+	+			+	+	+	B51, B71	(3)	
Klein, Tirza	82	100	+	+	+	+	+					B71, B62, B48>	80	100	+					+	+				B62, B78, B81>	(3)	
Lardy, N.M. D	56	83	+	+	+	+	+	+			+	A74, A26	20	33	+										A31, A74	(2)	
Loewenthal M	94	100		+	+						+	B78, B52, B15>	86	100	+	+				+					B15, B58, A33>	(3)	
MacCann, Eile	98	???	+	+	+	+	+	+	+	+	+	A74	92	???	+	+	+	+	+						A68, A33, A43>	(3)	
Maeda, Lisa	???	???	+		+	+	+	+	+	+	+	A3, A43, A24, A68	???	???	+	+	+	+	+			+	+	+	B51, A43	(3)	
Mah, Helen	41	100	+	+	+	+	+				+	A74, B58	7	75	+										(4)		
McAlack-Hana	96	100	+	+	+	+	+				+	A74, A43	97	100	+	+	+	+	+						B51, B71	(3)	
McCluskey, Ja	???	???	+									A19	???	???											???	(6)	
Meyer, Pieter	98	???		+	+		+		+	+	+	B7, A2, B73, A23	94	???		+			+						A26, A74, A31>	(3)	
Mpuntscha, Loy	58	???	+	+	+	+	+			+		A43, A68	44	???	+	+	+	+	+						B50, B49, B71	(3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+		A43, A68	???	???	+	+	+	+	+	+	+		+		A43, B51	(3)	
Pancoska, Car	38	100	+	+	+	+	+			+	+	A74, B58, A26	65	100	+	+	+	+	+	+	+	+		+	B51	(3)	
Pereira, Noem	???	???	+	+	+	+	+			+		B58, A43, A36>	???	???	+	+	+	+	+		+	+			B51, B50, B49	(3)	
Permpikul &	25	60										A19	6	???											???	(1)	
Phelan, Donna	34	???	+	+	+							A2, A28, A9, A10>	57	???	+		+	+		+				+	A9, A31, A33, A26>	(3)	
Ramon, Daniel	84	???	+	+	+		+	+	+	+	+	A74, A68	69	???	+	+		+	+	+	+				B71, B37, B62	(4)	
Rosen-Bronso	99	???	+	+	+	+	+	+	+	+	+	A43, A68	96	???	+	+	+	+	+	+	+	+	+	+		A43	(3)
Sage, Deborah	98	???	+	+	+	+	+		+	+	+	A43, 6602	96	???	+	+	+	+	+	+	+	+	+	+		B50	(3)
Suciu-Foca, N	33	67	+	+	+								17	7	+	+										(1)	
Turner, E.V.	???	???	+	+	+					+	+	A2, A3, A23, A24>	???	???	+	+	+	+	+				+		A26, A43, B42>	(3)	

\*\*\* 42 TYPING LABS \*\*\*

A29	83%	0.974
A31	81%	1.000
A30	81%	0.989
A32	71%	0.969
A33	67%	0.871
A34	40%	1.000
A66	40%	1.000
B57	36%	1.000
A25	36%	0.931
A11	33%	1.000
A43	29%	1.000
A68	29%	1.000
A74	26%	1.000
A26	19%	0.875
A3	17%	1.000
B58	14%	0.938
A2	12%	1.000
A24	10%	0.800
A23	7%	1.000
A19	7%	0.639
6602	5%	1.000
A36	5%	1.000
A80	5%	1.000
B7	5%	1.000
MULTI	5%	1.000
B18	5%	0.750

\*\*\* 42 TYPING LABS \*\*\*

A29	81%	0.947
A1	55%	1.000
B35	55%	1.000
A36	52%	1.000
B53	40%	1.000
A30	33%	0.844
B55	29%	1.000
B56	29%	1.000
B75	26%	1.000
A80	24%	1.000
A26	21%	1.000
B51	21%	0.917
B49	19%	1.000
A43	17%	1.000
B50	17%	1.000
B71	17%	1.000
A31	12%	1.000
A33	12%	0.900
A34	10%	1.000
A74	10%	0.833
B62	10%	0.667
A68	7%	1.000
B42	7%	1.000
A23	5%	1.000
B15	5%	1.000
B63	5%	1.000
B78	5%	1.000
MULTI	5%	1.000
???	5%	0.800

Methods:

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

\*\*\* 42 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1067 \*\*\*\*\* SERUM NO. 1068 \*\*\*\*\*

	%	%	A	A	A	A	A		%	%	A		METHOD
	POS	8'S	3	2	3	3	1		POS	8'S	9		
Claas, F.H.J.	46	57					+		12	0	+		(1)
Esteves Kond	38	100	+	+	+	+			15	75	+		(1)
Hogan, Patric	25	100	+	+	+				5	50	+	A33	(1)
Permpikul &	25	60					+		6	???	???		(1)
Suciu-Foca, N	33	67	+	+		+			17	7	+	B35	(1)

\*\*\*\*\* SERUM NO.1067 \*\*\*\*\* SERUM NO.1068 \*\*\*\*\*

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

A29 60% 1.000  
 A30 60% 1.000  
 A31 40% 1.000  
 A32 40% 0.857  
 A19 40% 0.629

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

A29 80% 0.800  
 B35 20% 1.000  
 ??? 20% 0.750  
 A33 20% 0.500

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

Method: NIH-std

\*\*\*\*\* SERUM NO. 1067 \*\*\*\*\* SERUM NO. 1068 \*\*\*\*\*

	%	%	A	A	A	A	A	A	A		%	%	A	A		METHOD
	POS	8'S	3	2	1	0	9	5	4	6	POS	8'S	9	1		
Askar, Medhat	51	100	+	+	+	+	+	+	+	+	6602	17	100	+		(2)
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	A68	???	???	+	A26, A33, A68	(2)
Lardy, N.M. D	56	83	+	+	+	+	+	+	+	+	A34, A66	20	33	+	A74	(2)

\*\*\*\*\* SERUM NO.1067 \*\*\*\*\* SERUM NO.1068 \*\*\*\*\*

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

A30 100% 1.000  
 A31 100% 1.000  
 A32 100% 1.000  
 A33 100% 1.000  
 A29 100% 0.909  
 A25 100% 0.800  
 A26 67% 1.000  
 A74 67% 1.000  
 6602 33% 1.000  
 A34 33% 1.000  
 A66 33% 1.000  
 A68 33% 1.000

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

A29 100% 0.917  
 A31 67% 1.000  
 A26 33% 1.000  
 A33 33% 1.000  
 A68 33% 1.000  
 A74 33% 0.500

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1067										SERUM NO. 1068										METHOD					
	%	%	A	A	A	A	A	B	A	A	A	%	%	A	B	A	B	B	A	B		B	B			
POS	8	'S	0	1	9	2	3	7	1	3	4	8	9	1	5	6	3	5	8	7	5	5	0			
Alvarez & Ca	???	???	+	+	+	+	+		+	+	+		???	???	+	+	+	+		+				B49, B62, A26>	(F-3)	
Askar, Medhat	97	100	+		+	+	+	+		+	+		98	100	+	+	+	+	+	+	+	+		B51	(L-3)	
Baker, Judy	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+		A43, B51	(L-3)	
Cecka, J. Mich	95	100	+	+	+	+	+	+		+	+		77	100	+	+	+	+	+	+	+	+		B71, B49	(L-3)	
Cohen, JHM Pr	96	???	+	+	+	+		+					67	???	+	+	+	+	+					B22, B21, B15	(L-3)	
Dunn, Paul Dr	???	???	+		+	+		+	+	+	+		???	???	+	+	+	+	+		+	+		5102, B49	(L-3)	
Eckels/CPMC,	98	???	+	+	+			+	+				99	???	+	+	+	+	+					A23, A24, A26>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+		+	+			???	???	+	+	+	+	+	+	+	+		A26, B77	(L-3)	
Esteves-Kond	86	60	+	+	+	+	+	+		+	+		72	80	+	+	+		+					A30, A26, A31, A2>	(F-3)	
Fort, Marylis	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+		A43, B49	(L-3)	
Gandhi, Manis	79	???	+	+	+	+	+		+	+	+		79	???	+	+	+	+	+	+	+	+		A43, B49	(F-3)	
Gautreaux, Mi	98	???	+	+	+	+	+		+	+			88	???	+	+		+		+				A26, B62, B63>	(L-3)	
Hahn, Amy B.	35	???	+	+	+	+	+	+	+	+			57	???	+	+	+	+	+	+	+	+		A43, B71	(L-3)	
Hamdi, Nuha D	96	100					+		+		+		76	100	+	+	+	+			+			A30, B67, B63>	(L-3)	
Han, Hoon Dr	65	???	+	+	+	+	+						49	???	+	+	+	+						A30, A34, A69>	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+		+	+	+		B51, B71, B49	(L-3)	
Hogan, Patric	???	???	+	+	+		+		+	+	+		???	???	+	+		+	+	+	+	+		B62, A43, B72>	(L-3)	
Holdsworth, R	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+		B51, B71	(L-3)	
Klein, Tirza	82	100	+	+	+	+	+						80	100	+	+		+			+			B62, B78, B81>	(L-3)	
Loewenthal M	94	100		+	+			+					86	100	+	+					+	+		B15, B58, A33>	(L-3)	
MacCann, Eile	98	???	+	+	+	+	+		+	+			92	???	+	+	+	+						A68, A33, A43>	(L-3)	
Maeda, Lisa	???	???			+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		B51, A43	(L-3)	
Mah, Helen	42	???	+	+	+	+	+	+	+	+	+		67	???	+	+	+	+	+	+	+	+		B71, B49	(L-3)	
McAlack-Hana	96	100	+	+	+	+	+	+		+			97	100	+	+	+	+	+	+	+	+		B51, B71	(L-3)	
McCluskey, Ja	???	???											???	???	+	+	+	+		+	+			B62, A43, B42>	(L-3)	
Meyer, Pieter	98	???	+	+			+	+					94	???	+						+	+			A26, A30, A74>	(L-3)
Mpuntsha, Loy	58	???	+	+	+	+	+	+	+	+	+		44	???	+	+	+	+	+			+			B49, B71	(L-3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+			A43, B51, A30	(L-3)	
Pancoska, Car	38	100	+	+	+	+	+	+					65	100	+	+	+	+	+	+	+	+		A30, B51	(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+		+	+		B51, B49	(L-3)	
Permpikul &	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+	+		B51, B71	(L-3)	
Phelan, Donna	34	???	+	+	+								57	???	+	+	+		+					A9, A30, A31, A33>	(L-3)	
Ramon, Daniel	98	???	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+	+	+	+	+		A30, B71	(L-3)	
Rosen-Bronso	99	???	+	+	+	+	+	+	+	+	+		96	???	+	+	+	+	+	+	+	+		A30, A43	(L-3)	
Sage, Deborah	98	???	+	+	+	+	+	+	+	+	+		96	???	+	+	+	+	+	+	+	+		A30	(L-3)	
Suciu-Foca, N	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		B51, B71	(L-3)	
Turner, E.V.	???	???	+	+	+			+					???	???	+	+	+	+	+	+	+	+		A26, A30, A43>	(L-3)	

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1067 \*\*\*\*\* SERUM NO.1068 \*\*\*\*\*

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

A30	89%	0.983
A29	86%	1.000
A31	86%	1.000
A32	78%	0.980
A33	76%	0.962
B57	54%	1.000
A11	51%	1.000
A34	49%	1.000
A43	49%	1.000
A68	43%	1.000
A66	38%	1.000
A3	32%	1.000
A74	32%	1.000
A25	30%	1.000
A24	24%	0.938
A2	19%	1.000
A26	16%	1.000
A23	11%	1.000
A36	11%	1.000
6602	8%	1.000
B58	8%	1.000
B7	5%	1.000

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

A29	92%	1.000
A1	86%	1.000
B35	84%	1.000
A36	81%	1.000
B53	70%	1.000
B55	57%	1.000
A80	49%	1.000
B75	43%	1.000
B56	38%	1.000
A30	35%	1.000
B50	35%	1.000
B51	32%	0.941
A43	30%	1.000
B49	30%	1.000
B71	30%	1.000
A26	24%	1.000
A34	14%	1.000
B62	14%	0.714
A31	11%	1.000
A33	11%	1.000
B42	11%	1.000
A23	8%	1.000
A74	8%	1.000
A24	5%	1.000
A68	5%	1.000
B15	5%	1.000
B54	5%	1.000
B63	5%	1.000
B72	5%	1.000
B78	5%	1.000

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Luminex/Flow



\*\*\*\*\* SERUM NO. 1067 \*\*\*\*\* SERUM NO. 1068 \*\*\*\*\*

SERUM NO. 1067										SERUM NO. 1068					METHOD				
		A	A	A	A	B	B	A	A	A			A	L	B	A			
%	%	3	3	3	2	5	5	6	3	2	%	%	2	T	3	3			
POS	8'S	3	1	0	9	8	7	6	2	5	POS	8'S	9	I	5	0			
Cecka, J. Mich	45 57	+	+	+	+	+					B18	13	0	+			+	(4)	
Eckels/CPMC,	95 ???										MULTI	95	???		+			(4)	
Gandhi, Manis	40 ???	+	+	+	+	+	+	+	+	+	A34	18	???		+			(4)	
Hahn, Amy B.	96 ???										MULTI	78	???		+			(4)	
Mah, Helen	41 100	+	+	+	+	+		+	+	+	A74	7	75	+				(4)	
Ramon, Daniel	84 ???	+	+	+	+		+	+		+	A74, A11, A68	69	???	+		+	+	A36, B53, B75, B71, B37, B62, B56	(4)
Suciu-Foca, N	40 50	+	+	+	+				+		B17, A28	???	???	+		+		B51	(4)

\*\*\*\*\* SERUM NO. 1067 \*\*\*\*\* SERUM NO. 1068 \*\*\*\*\*

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

A30	71%	1.000
A31	71%	1.000
A29	71%	0.909
A33	71%	0.667
A25	43%	1.000
A32	43%	1.000
A66	43%	1.000
B57	43%	1.000
B58	43%	0.909
A74	29%	1.000
MULTI	29%	1.000
A11	14%	1.000
A34	14%	1.000
A68	14%	1.000
A28	14%	0.890
B17	14%	0.890
B18	14%	0.667

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

A29	71%	0.909
B35	29%	1.000
MULTI	29%	1.000
A30	29%	0.375
A36	14%	1.000
B37	14%	1.000
B53	14%	1.000
B56	14%	1.000
B62	14%	1.000
B71	14%	1.000
B75	14%	1.000
B51	14%	0.890

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1067 \*\*\*\*\* \*\*\*\*\* SERUM NO. 1068 \*\*\*\*\*

	SERUM NO. 1067									SERUM NO. 1068									
	A	A	A	B	A	A	A	A		B	B	A				METHOD			
%	6	3	3	5	6	3	2	1		%	5	5	2						
POS 8'S	8	1	0	7	6	3	9	1		POS 8'S	6	3	9						
Esteves-Kond	79	20	+	+	+				+	+	+	A32	55	50	+		+	A1,A30,B27,B72	(5)
Hahn,Amy B.	28	???	+	+	+	+	+	+	+	+	+	A26,A24	15	???	+	+	+	B55,B49,B75,A36,B51,B35,A26	(5)
Pancoska,Car	22	100	+	+	+	+	+					A25	25	0	+	+			(5)

\*\*\*\*\* SERUM NO.1067 \*\*\*\*\* \*\*\*\*\* SERUM NO.1068 \*\*\*\*\*

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

A30	100%	1.000
A31	100%	1.000
A68	100%	1.000
A29	67%	1.000
A33	67%	1.000
A66	67%	1.000
B57	67%	1.000
A11	67%	0.917
A24	33%	1.000
A25	33%	1.000
A26	33%	1.000
A32	33%	0.750

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

B56	100%	1.000
A29	67%	1.000
B53	67%	0.667
A26	33%	1.000
A30	33%	1.000
A36	33%	1.000
B27	33%	1.000
B35	33%	1.000
B49	33%	1.000
B51	33%	1.000
B55	33%	1.000
B72	33%	1.000
B75	33%	1.000
A1	33%	0.889

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

\*\*\*\*\* NEXT SHIPMENT: NOV 2 2011 \*\*\*\*\*

Method: Elisa

INVESTIGATOR		DNA EXTRACT #525 (Caucasian)					method	
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*01:01/43	*25:01/03	*08:01:01	*15:42	*03	*07	SBT, RVSSO
4691	Ajlan, Abdula	*01	*25	*08	*15	*03	*07	SSO
5133	Baker, Judy	*01:01	*25:01	*08:01	*15:42	*03:03/20N	*07:01/06/18	SSO, SBT
4345	Blasczyk, Rai	*01:01:01G	*25:01P	*08:01:01G	*15:42	*03:03:01G	*07:01P	PCR-SBT
785	Chan, Soh Ha	*0101/04N/14/22N/25/32+	*2501/03/04/06+	*0821	*1542	*03	*07	SBT
3224	Chen, Dongfen	*01:01	*25:01	*08:01	*15:42	*03:03	*07	PCR-SBT
8021	Clark, Brenda	*0101/04N/06+	*250101/05+	*0801/06-08N+	*1542	*0303/11-13+	*0701/06/07+	PCR-SSP
5219	Daniel, Dolly	*01	*25	*08	*15			PCR-SSOP
5323	Dhaliwal, J.S	*01	*25	*08	*15	*03	*07	PCR-SSP
5891	Du, Keming	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01/06/18	PCR-SBT
3766	Dunn, Paul	*01	*25	*08	*15:42	*03	*07	PCR-SSO, SSP
2332	Elkhalifa, Mo	*01	*25	*08	*15	*03	*07	SSP-A, B; SSO-C
4251	Ellis, Thomas	*01:01:01G	*25:01	*08:01	*15:42	*03:03:01G	*07:01:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	SBT, PCR-SSO
762	Fischer&Mayr	*01:01	*25:01	*08:01	*15:42	*03:03/62	*07:01/06/18/52	SSO, SBTex1-4
234	Gomez, Carmen	*01	*25	*08	*15	*03	*07	SSP
5195	Gomez, Carmen	*01	*25	*08	*15:42	*03	*07	SSOP
1694	Gottwald&Hes	*01	*25	*08	*15	*03	*07	SSP
1461	Hidajat, Mela	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	SSO, SSP
615	Holdsworth, R	*01:01:01G	*25:01:01G	*08:01:01G	*15:42	*03:03:01G	*07:01:01G	SBT
745	Holman, Richa	*01:01:01:01	*25:01:01	*08:01:01	*15:42	*03:03	*07:01	SSO, SSP, SBT
2344	Hurley&Hartz	*01:01:01:01/01:01:02N+	*25:01:01/07	*08:01:01/01:14+	*15:42	*03:03:01/20N+	*07:01:01/01:02+	SBT, SSOP
2847	Kihara, Masaa	*01	*25	*08	*15	*03	*07	RVSSO
5096	Kwon, So Youn	*01	*25	*08	*15			SSOP
87	Land, Geoff	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	SBT, SSO, SSP
278	Lee, Jar-How	*01:01/36-39/42/44/45+	*25:01/07/11-14	*08:01/58/59/63	*15:42	*03:03/62/83+	*07:01/103/104+	SSP, RVSSOP
640	Lee, Kyung Wh	*01:01	*25:01	*08:01	*15:42	*03:03/20N	*07:01	PCR-SBT
1108	Linke, Robert	*01	*25	*08	*15	*03	*07	RVSSOP
13	Maeda, Lisa	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	
9916	McIntyre, Joh	*01:01:01:01	*25:01:01	*08:01	*15:42	*03:03:01	*07:01	SBT, SSP
8042	Muncher, Lior	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	SSOP, SSP
9001	Muncher_LR	*01	*25	*08	*15	*03	*07	SSOP, SSP
3648	Pereira, Noem	*01:01	*25:01	*08:01	*15:42	*03:03/20N//+	*07:01P//*07:196	RSSO, SSP, SBT
3966	Permpikul&Ve	*01	*25	*08	*15:42	*03	*07	PCR-SSP
2400	Phelan, Donna	*01:01/01N	*25:01	*08:01	*15:42	*03:03/20N	*07:01/06/18	RSSO, SSP, SBT
735	Ramon, Daniel	*01	*25	*08	*15	*03	*07	RVSSOP
3753	Reed, Elaine	*01:01/43	*25:01/03	*08:01	*15:42	*03:03/04/11+	*07:01/06/18/20+	SBT, RVSSO
3798	Reinsmoen, N	*01:01:01/01N	*25:01:01	*08:01:01	*15:42	*03:03:01/20N	*07:01	RVSSO, SBT
4948	Sage, Deborah	*01:01/43	*25:01/03	*08:01	*15:42	*03:03/04/31+	*07:01/06/18/27+	
3545	Scornik, Juan	*01:01/01N	*25:01	*08:01	*15:42	*03:03/20N	*07:01/06/18	SSOP, SBT
8068	Shanmugam, He	*01	*25	*08	*15:42	*03	*07	PCR-SSP
746	Stamm, Luz	*01:01	*25:01	*08:01	*15:42	*03:03	*07:01	SSO, SSP, SBT
4021	Trachtenberg	*01	*25	*08	*15	*03	*07	SSO
5462	Turner, E.V.	*01:01:01:01/02N	*25:01:01	*08:01:01	*15:42	*03:03:01	*07:01:01/02	SEQ. SSO, SSP
3186	Watson, Narel	*01	*25	*08	*15			SSO

INVESTIGATOR		DNA EXTRACT #526 (Caucasian)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*24:02/21/50	*26:01/10/16	*15:80	*51:01	*07:04/11	*14:02:01	SBT, RVSSO
4691	Ajlan, Abdula	*24	*26	*15	*53	*07	*14	SSO
5133	Baker, Judy	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	SSO, SBT
4345	Blasczyk, Rai	*24:02:01G	*26:01P	*15:80	*51:01:01G	*07:04P	*14:02P	PCR-SBT
785	Chan, Soh Ha	*24	*26	*1580	*5101/11N/30/32+	*0704/11	*1402/11	SBT
3224	Chen, Dongfen	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	PCR-SBT
8021	Clark, Brenda	*2402/03/07+	*260101/0103+	*1518/23/29+	*510101-0103+	*0704/11/12+	*1402/03/05-08+	PCR-SSP
5219	Daniel, Dolly	*24	*26	*15	*51			PCR-SSOP
5323	Dhaliwal, J.S	*24	*26	*15	*51	*07	*14	PCR-SSP
5891	Du, Keming	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	PCR-SBT
3766	Dunn, Paul	*24	*26	*15:80	*51	*07:04/11/63/142	*14	PCR-SSO, SSP
2332	Elkhalifa, Mo	*24	*26	*15	*51	*07	*14	SSP-A, B; C-SSO
4251	Ellis, Thomas	*24:02:01:01	*26:01	*15:80	*51:01	*07:04:01G	*14:02	PCR-RSSO, SBT
3135	Enczmann, J.	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	SBT, PCR-SSO
762	Fischer&Mayr	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	SSO, SBTex1-4
234	Gomez, Carmen	*24	*26	*15	*51	*07	*14	SSP
5195	Gomez, Carmen	*24	*26	*15:80	*51	*07	*14	SSOP
1694	Gottwald&Hes	*24	*26	*15	*51	*07	*14	SSP
1461	Hidajat, Mela	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	SSO, SSP
615	Holdsworth, R	*24:02:01G	*26:01:01G	*15:80	*51:01:01G	*07:04:01G	*14:02:01G	SBT
745	Holman, Richa	*24:02	*26:01:01	*15:80	*51:01	*07:04:01	*14:02:01	SSO, SSP, SBT
2344	Hurley&Hartz	*24:02:01:01-02:01:03+	*26:01:01+	*15:80	*51:01:01/01:05+	*07:04:01/11	*14:02:01+	SBT, SSOP
2847	Kihara, Masaa	*24	*26	*15	*51	*07	*14	RVSSO
5096	Kwon, So Youn	*24	*26	*15	*51			SSOP
87	Land, Geoff	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	SBT, SSO, SSP
278	Lee, Jar-How	*24:02	*26:01	*15:80	*51:01/96/105	*07:04	*14:02	SSP, RVSSOP
640	Lee, Kyung Wh	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	PCR-SBT
1108	Linke, Robert	*24	*26	*15	*51	*07	*14	RVSSOP
13	Maeda, Lisa	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	
9916	McIntyre, Joh	*24:02:01:01	*26:01:01	*15:80	*51:01	*07:04:01	*14:02:01	SBT, SSP
8042	Muncher, Lior	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	SSOP, SSP
9001	Muncher_LR	*24	*26	*15	*51	*07	*14	SSOP, SSP
3648	Pereira, Noem	*24:02// *24:21//+	*26:01// *26:10+	*15:80	*51:01	*07:04P// *07:181	*14:02// *14:13	RSSO, SSP, SBT
3966	Permpikul&Ve	*24	*26	*15:80	*51	*07	*14	PCR-SSP
2400	Phelan, Donna	*24:02	*26:01	*15:80	*51:01	*07:04/11	*14:02	RVSSO, SSP, SBT
735	Ramon, Daniel	*24	*26	*15	*51	*07	*14	RVSSOP
3753	Reed, Elaine	*24:02/03/06/21/46/50+	*26:01/08-10+	*15:80	*51:01	*07:04/11/181	*14:02/13	SBT, RVSSO
3798	Reinsmoen, N	*24:02:01/01L	*26:01:01	*15:80	*51:01	*07:04:01/11	*14:02:01	RVSSO, SBT
4948	Sage, Deborah	*24:02/03/06/21/50	*26:01/08/10+	*15:80	*51:01	*07:04/11	*14:02	
3545	Scornik, Juan	*24:02/21	*26:01/10	*15:80	*51:01	*07:04/11	*14:02	SSOP, SBT
8068	Shanmugam, He	*24	*26	*15:80	*51	*07	*14	PCR-SSP
746	Stamm, Luz	*24:02	*26:01	*15:80	*51:01	*07:04	*14:02	SSO, SSP, SBT
4021	Trachtenberg	*24	*26	*15	*51	*07	*14	SSO
5462	Turner, E.V.	*24:02:01:01/02L/03+	*26:01:01	*15:80	*51:01:01/05	*07:04:01	*14:02:01	SEQ, SSO, SSP
3186	Watson, Narel	*24	*26	*15:80	*51:01			SSO



INVESTIGATOR		DNA EXTRACT #528 (Hispanic)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*30:10	*32:01:01	*15:18:01	*41:01	*06:02:01	*07:04/11	SBT, RVSSO
4691	Ajlan, Abdula	*30	*32	*15	*41	*06	*07	SSO
5133	Baker, Judy	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	SSO, SBT
4345	Blasczyk, Rai	*30:10	*32:01P	*15:18P	*41:01	*06:02:01G	*07:04P	PCR-SBT
785	Chan, Soh Ha	*3010	*3201/12	*1518	*4101/06	*0602	*0704/11	SBT
3224	Chen, Dongfen	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	PCR-SBT
8021	Clark, Brenda	*3001-0202+	*3201/03/06+	*1518/23/51/72/80+	*4101-04/06+	*0602/03/07+	*0704/11/12+	PCR-SSP
5219	Daniel, Dolly	*30	*32	*15	*41			PCR-SSOP
5323	Dhaliwal, J.S	*30	*32	*15	*41	*06	*07	PCR-SSP
5891	Du, Keming	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	PCR-SBT
3766	Dunn, Paul	*30	*32	*15:18/72/134/153+	*41:01/07/14	*06	*07	PCR-SSO, SSP
2332	Elkhalifa, Mo	*30	*32	*15	*41	*06	*07	SSP-A, B; SSO-C
4251	Ellis, Thomas	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	SBT, PCR-SSO
762	Fischer&Mayr	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	SSO, SBTex1-4
234	Gomez, Carmen	*30	*32	*15	*41	*06	*07	SSP
5195	Gomez, Carmen	*30	*32	*15	*41	*06	*07	SSOP
1694	Gottwald&Hes	*30	*32	*15	*41	*06	*07	SSP
1461	Hidajat, Mela	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04	SSO, SSP
615	Holdsworth, R	*30:10	*32:01:01G	*15:18:01G	*41:01	*06:02:01G	*07:04:01G	SBT
745	Holman, Richa	*30:10	*32:01:01	*15:18:01	*41:01	*06:02:01	*07:04:01	SSO, SSP, SBT
2344	Hurley&Hartz	*30:10	*32:01:01/01:02	*15:18:01/198	*41:01	*06:02:01:01-02:01:03+	*07:04:01/11	SBT, SSOP
2847	Kihara, Masaa	*30	*32	*15	*41	*06	*07	RVSSO
5096	Kwon, So Youn	*30	*32	*15	*41			SSOP
87	Land, Geoff	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04	SBT, SSO, SSP
278	Lee, Jar-How	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04	SSP, RVSSOP
640	Lee, Kyung Wh	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	PCR-SBT
1108	Linke, Robert	*30	*32	*15	*41	*06	*07	RVSSOP
13	Maeda, Lisa	*30:10	*32:01	*15:18	*41:01/16	*06:02	*07:04	
9916	McIntyre, Joh	*30:10	*32:01:01	*15:18:01	*41:01	*06:02:01:01	*07:04:01	SBT, SSP
8042	Muncher, Lior	*30:02	*32:01/12	*15:18	*41:01	*06:02	*07:04	SSOP, SSP
9001	Muncher_LR	*30	*32	*15	*41	*06	*07	SSOP, SSP
3648	Pereira, Noem	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04P	RSSO, SSP, SBT
3966	Permpikul&Ve	*30	*32	*15:18	*41	*06	*07:04	PCR-SSP
2400	Phelan, Donna	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	RSSO, SSP, SBT
735	Ramon, Daniel	*30	*32	*15	*41	*06	*07	RVSSOP
3753	Reed, Elaine	*30:10	*32:01	*15:18/80	*41:01/03	*06:02	*07:04/11	SBT, RVSSO
3798	Reinsmoen, N	*30:10	*32:01:01	*15:18:01	*41:01	*06:02:01	*07:04:01/11	RVSSO, SBT
4948	Sage, Deborah	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	
3545	Scornik, Juan	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04/11	SSOP, SBT
8068	Shanmugam, He	*30	*32	*15	*41	*06	*07	PCR-SSP
746	Stamm, Luz	*30:10	*32:01	*15:18	*41:01	*06:02	*07:04	SSO, SSP, SBT
4021	Trachtenberg	*30	*32	*15	*41:01	*06	*07	SSO
5462	Turner, E.V.	*30:10	*32:01:01	*15:18:01	*41:01	*06:02:01:01/02	*07:04:01	SEQ, SSO, SSP
3186	Watson, Narel	*30	*32	*15:18/72/134/153	*41			SSO

Extract 525 (Caucasian)  
45 labs  
A\*01 53%  
A\*01:01 31%  
A\*01:01:01 5%  
A\*01:01:01:01 4%  
A\*01:01:01G 7%  
A\*01 100% TOTAL

A\*25 54%  
A\*25:01 33%  
A\*25:01P 2%  
A\*25:01:01 9%  
A\*25:01:01G 2%  
A\*25 100% TOTAL

Extract 526 (Caucasian)  
45 labs  
A\*24 55%  
A\*24:02 33%  
A\*24:02:01 2%  
A\*24:02:01:01 5%  
A\*24:02:01G 5%  
A\*24 100% TOTAL

A\*26 56%  
A\*26:01 31%  
A\*26:01P 2%  
A\*26:01:01 9%  
A\*26:01:01G 2%  
A\*26 100% TOTAL

Extract 527 (Chinese)  
45 labs  
A\*11 51%  
A\*11:02/53 18%  
A\*11:02:01/53 2%  
A\*11:02 11%  
A\*11:02P 2%  
A\*11:16 2%  
A\*11:53 9%  
A\*11:02:01G 5%  
A\*11 100% TOTAL

A\*24 53%  
A\*24:02 36%  
A\*24:02P 2%  
A\*24:02:01 2%  
A\*24:02:01:01 2%  
A\*24:02:01G 5%  
A\*24 100% TOTAL

Extract 528 (Hispanic)  
45 labs  
A\*30 40%  
A\*30:02 2%  
A\*30:10 56%  
A\*30:10 2%  
A\*30 100% TOTAL

A\*32 44%  
A\*32:01 40%  
A\*32:01P 2%  
A\*32:01:01 12%  
A\*32:01:01G 2%  
A\*32 100% TOTAL

45 labs  
B\*08 44%  
B\*08:01 40%  
B\*08:01:01 9%  
B\*08:01:01G 5%  
B\*0821 2%  
B\*08 100% TOTAL

B\*15 29%  
B\*15:42 67%  
B\*1542 4%  
B\*15 100% TOTAL

45 labs  
B\*15 29%  
B\*15:80 69%  
B\*1580 2%  
B\*15 100% TOTAL

B\*51 44%  
B\*51:01 49%  
B\*51:01:01G 5%  
B\*51 98% TOTAL

45 labs  
B\*38 51%  
B\*38:02 36%  
B\*38:02P 2%  
B\*38:02:01 9%  
B\*38:02:01G 2%  
B\*38 100% TOTAL

B\*51 51%  
B\*51:01 36%  
B\*51:01:01 9%  
B\*51:01:01G 4%  
B\*51 100% TOTAL

45 labs  
B\*15 43%  
B\*15:18 40%  
B\*15:18P 2%  
B\*15:18:01 11%  
B\*15:18:01G 2%  
B\*15 100% TOTAL

B\*41 44%  
B\*41:01 56%  
B\*41 100% TOTAL

42 labs  
C\*03 55%  
C\*03:03/20N 10%  
C\*03:03:01/20N 2%  
C\*03:03 21%  
C\*03:03:01 5%  
C\*03:03:01G 7%  
C\*03 100% TOTAL

C\*07 57%  
C\*07:01/06/18 10%  
C\*07:01 26%  
C\*07:01P 2%  
C\*07:01:01G 5%  
C\*07 100% TOTAL

42 labs  
C\*07 41%  
C\*07:04/11 21%  
Cw\*0704/11 2%  
C\*07:04:01/11 5%  
C\*07:04 17%  
C\*07:04P 2%  
C\*07:04:01 7%  
C\*07:04:01G 5%  
C\*07 100% TOTAL

C\*14 45%  
C\*14:02 38%  
C\*14:02P 3%  
C\*14:02:01 14%  
C\*14 100% TOTAL

42 labs  
C\*07 41%  
C\*07:02/50 21%  
C\*07:02:01/50 2%  
C\*07:02 19%  
C\*07:02P 5%  
C\*07:02:01 5%  
C\*07:02:01:01 5%  
C\*07:02:01G 2%  
C\*07 100% TOTAL

C\*07 33%  
C\*07:04 7%  
C\*07:63 57%  
Cw\*0763 3%  
C\*07 100% TOTAL

42 labs  
C\*06 38%  
C\*06:02 43%  
Cw\*0602 2%  
C\*06:02:01 9%  
C\*06:02:01:01 3%  
C\*06:02:01G 5%  
C\*06 100% TOTAL

C\*07 33%  
C\*07:04/11 26%  
Cw\*0704/11 2%  
C\*07:04:01/11 5%  
C\*07:04 17%  
C\*07:04P 5%  
C\*07:04:01 7%  
C\*07:04:01G 5%  
C\*07 100% TOTAL

INVESTIGATOR	CELL NO.1437 (Hispanic/Caucasian)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie	*02	*31	*47	*51	*06	*14	PCR-SSP
16	Askar, Medhat	*02:01:01	*31:01:02	*47:01:01	*51:01:01	*06:02//*06:06	*14:02//*14:16	PCR-RSSOP, SBT
774	Cecka, J. Mich	*02	*31	*47	*51	*06	*14	SSP
5232	Charlton, Ron	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	SSO, SSP
4492	Charron, D.	NT						
4492	Charron_LR	*02	*31	*47	*51	*06	*14	PCR-SSO
798	Claas, F.H.J.	*02:01:01	*31:01:02	*47:01:01	*51:01:01	*06:02:01	*14:02:01	SBT
3632	Colombe, Beth	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	SSOP, SSP
5130	Costeas, Paul	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	SSP
779	Daniel, Claud	*02	*31	*47	*51	*06	*14	PCR-SSP
8052	Del Pozo, Ana	*02	*31	*4701/05/07	*51	*06	*14	PCR-SSO
3766	Dunn, Paul	*02	*31	*47:01/07	*51	*06	*14:03/22	SSO
5214	Eckels/CPMC	*02	*31	*47	*51	*06	*14	SSOP
4251	Ellis, Thomas	*02:01:01G	*31:01	*47:01	*51:01	*06:02	*14:02	PCR-RVSSO, SBT
762	Fischer&Mayr	*02:01/01L	*31:01	*47:01	*51:01/30/32/48/51	*06:02	*14:02	SBTex1-4
792	Gandhi, Manis	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	SSO, SSP
810	Hamdi, Nuha	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	SSO
4269	Hanau, Daniel	NT						
3808	Hogan, Patric	*02	*31	*47	*51	*06	*14	
745	Holman, Richa	*02:01:01	*31:01:02	*47:01:01	*51:01:01	*06:02	*14:02	SSO, SSP, SBT
859	Kamoun, Malek	*02:01	*31:01	*47:01	*51:01	*06:02	*14:02	PCR-SBT, SSP
4337	Kim, Tai-Gyu	*02:01/09/43N/66+	*31:01/14N/23+	*47:01	*51:01/11N/30/32+	*06:02/46N/55	*14:02/23/31	SBT
9000	Klein_LR	*02	*31	*47	*51	*06	*14	SSO
278	Lee, Jar-How	*02:01/97/121/132+	*31:01/28/31+	*47:01	*51:01/96/105	*06:02/06/28+	*14:02/16/18+	SSP, RVSSOP
6649	Lim, Young Ae	*02	*31	*47	*51	*06	*14	SSP
274	Lo, Raymundo	*02	*31	*47:01	*51			SSO
731	Loewenthal, R	*02:01:01	*31:01:02	*47:01:01	*51:01:01	*06:02	*14:02	
759	Lopez-Cepero	*02:01/07/09/15N+	*31:01/09/11+	*47:01	*51:01/03/11N/18+	*06:02/06/10+	*14:02/07N/08+	RVSSO
23	Mah, Helen	*02	*31	*47:01	*51	*06:02/11	*14:02/12	SSO
8029	Mani, Rama	*02	*31	*47	*51			SSP
206	McAlack-Hana	*02	*31	*47	*51	*06	*14	RVSSOP
8001	Rao, Prakash	*02	*31	*47	*51	*06	*14	SSP
3625	Rees, Tracey	*02	*31:01	*47	*51	*06:02	*14:02	PCR-SSP, SBT
5200	Reinke, Denni	*02	*31	*47	*51	*06	*14	SSP
1160	Rosen-Bronso	*02	*31	*47	*51	*06	*14	RVSSO, SSP
793	Rubocki, Ron	*02	*31	*47	*51	*06	*14	SSP
3519	Semana, Gilbe	*02:01	*31:01	*47:01	*51:01	*06:02//*06:06	*14:02//*14:16	SBT
5451	Tilanus, Marc	*02:01:01	*31:01:02	*47:01:01	*51:01:01	*06:02:01	*14:02:01	SBT
5462	Turner, E.V.	*02:01:01:01/02L/03	*31:01:02	*47:01:01:01/02	*51:01:01	*06:02/06	*14:02/16	SEQ, SSO, SSP



INVESTIGATOR		CELL NO.1438 (Black)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method	
8070	Ahn, Jaeie	*30	*74	*14	*81	*08	*08	PCR-SSP	
16	Askar, Medhat	*30:02:01	*74:01/02:01	*14:02:01	*81:01/02	*08:02:01	*08:04	PCR-RSSOP, SBT	
774	Cecka, J. Mich	*30	*74	*14:02-04/06/09+	*81:01	*08		SSP	
5232	Charlton, Ron	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SSO, SSP	
4492	Charron, D.	NT							
4492	Charron_LR	*30	*74	*14	*81	*08	*08	PCR-SSO	
798	Claas, F.H.J.	*30:02:01	*74:01	*14:02:01	*81:01	*08:02:01	*08:04	SBT	
3632	Colombe, Beth	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SSOP, SSP	
5130	Costeas, Paul	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SSP	
779	Daniel, Claud	*30	*74	*14(B65)	*81	*08		PCR-SSP	
8052	Del Pozo, Ana	*30	*74	*1402/05/09/16/20	*8101-05	*08/*05:32	*0804/13/39	PCR-SSO	
3766	Dunn, Paul	*30	*74	*14:02/09/16/20	*81	*08:02/05/15/17+	*08:04/13/39	SSO	
5214	Eckels/CPMC	*30	*74	*14(B65)	*81	*08	*08	SSOP	
4251	Ellis, Thomas	*30:02	*74:01:01G	*14:02	*81:01:01G	*08:02	*08:04	PCR-RVSSO, SBT	
762	Fischer&Mayr	*30:02/33	*74:01/02	*14:02	*81:01	*08:02	*08:04	SBTex1-4	
792	Gandhi, Manis	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SSO, SSP	
810	Hamdi, Nuha	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SSO	
4269	Hanau, Daniel	NT							
3808	Hogan, Patric	*30	*74	*14:02/03/09/11+	*81	*08:02/04/05/07/12/17/19/23+			
745	Holman, Richa	*30:02:01	*74:01	*14:02:01	*81:01	*08:02:01	*08:04	SSO, SSP, SBT	
859	Kamoun, Malek	*30:02	*74:01/02	*14:02	*81:01	*08:02	*08:04	PCR-SBT, SSP	
4337	Kim, Tai-Gyu	*30:02/33	*74:01/02	*14:02	*81:01-03	*08:02/52N	*08:04	SBT	
9000	Klein_LR	*30	*74	*14	*81	*08		SSO	
278	Lee, Jar-How	*30:02/50/51	*74:01	*14:02/20	*81:01	*08:02/32/34/43+	*08:04/13	SSP, RVSSOP	
6649	Lim, Young Ae	*30	*74	*14	*81	*08		SSP	
274	Lo, Raymundo	*30	*74	*14	*81			SSO	
731	Loewenthal, R	*30:02:01	*74:01	*14:02:01	*81:01	*08:02:01	*08:04		
759	Lopez-Cepero	*30:02/10/12/32+	*74:01/02/09/11	*14:02/09/16	*81:01-04N	*08:02/05/15/17+	*08:04/13/39	RVSSO	
23	Mah, Helen	*30:02/32/33	*74:01/02	*14:02/20	*81:01-03	*08:02/25	*08:04/13	SSO	
8029	Mani, Rama	*30	*74	*14	*81			SSP	
206	McAlack-Hana	*30	*74	*14(B65)	*81	*08	*08	RVSSOP	
8001	Rao, Prakash	*30	*74	*14:02	*81	*08		SSP	
3625	Rees, Tracey	*30:02	*74:01/02	*14:02	*81:01/02	*08		PCR-SSP, SBT	
5200	Reinke, Denni	*30	*74	*14(B65)	*81	*08		SSP	
1160	Rosen-Bronso	*30	*74	*14	*81	*08		RVSSO, SSP	
793	Rubocki, Ron	*30	*74	*14(B65)	*81	*08		SSP	
3519	Semana, Gilbe	*30:02	*74:01	*14:02	*81:01	*08:02	*08:04	SBT	
5451	Tilanus, Marc	*30:02:01	*74:01	*14:02:01	*81:01	*08:02:01	*08:04	SBT	
5462	Turner, E.V.	*30:02:01	*74:01	*14:02:01	*81:01	*08:02:01	*08:04	SEQ, SSO, SSP	

INVESTIGATOR		CELL NO.1439 (Hispanic)							
CTR	NAME	A1	A2	B2	B1	C1	C2	method	
8070	Ahn, Jaeie	*30	*32	*41	*1518	*06	*07	PCR-SSP	
16	Askar, Medhat	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01	*07:04:01/11	PCR-RSSOP, SBT	
774	Cecka, J. Mich	*30	*32	*41	*15:18/134/153+	*06	*07	SSP	
5232	Charlton, Ron	*30:02	*32:01	*41:01	*15:18	*06:02	*07:04	SSO, SSP	
4492	Charron, D.	*30:10	*32:01/19-35	*41:01/16	*15:18/197/198	*06:02/38-61	*07:04/101-142	PCR-SSP	
4492	Charron_LR	*30	*32	*41	*15	*06	*07	PCR-SSO	
798	Claas, F.H.J.	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01	*07:04:01	SBT	
3632	Colombe, Beth	*30:10	*32:01/19N	*41:01/16	*15:18	*06:02	*07:04	SSOP, SSP	
5130	Costeas, Paul	*30:10	*32:01/19N	*41:01/16	*15:18	*06:02/11	*07:04	SSP	
779	Daniel, Claud	*30	*32	*41	*15(B71)	*06	*07	PCR-SSP	
8052	Del Pozo, Ana	*30	*32	*4101/07/14	*15	*06	*07	PCR-SSO	
3766	Dunn, Paul	*30	*32	*41:01/07/14	*15:18/72/134+	*06	*07	SSO	
5214	Eckels/CPMC	*30	*32	*41	*15(B71)	*06	*07	SSOP	
4251	Ellis, Thomas	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04:01G	PCR-RVSSO, SBT	
762	Fischer&Mayr	*30:10	*32:01	*41:01/06	*15:18/198	*06:02	*07:04/11	SBTex1-4	
792	Gandhi, Manis	*30:10	*32:01	*41:16	*15:18	*06:02	*07:04	SSO, SSP	
810	Hamdi, Nuha	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04	SSO	
4269	Hanau, Daniel	NT							
3808	Hogan, Patric	*30	*32	*41	*15:18/51/80/93+	*06	*07:04/11/12+		
745	Holman, Richa	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01	*07:04:01	SSO, SSP, SBT	
859	Kamoun, Malek	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04	PCR-SBT, SSP	
4337	Kim, Tai-Gyu	*30:10	*32:01	*41:01	*15:18/198	*06:02/46N/55	*07:04/11	SBT	
9000	Klein_LR	*30	*32	*41	*15	*06	*07	SSO	
278	Lee, Jar-How	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04	SSP, RVSSOP	
6649	Lim, Young Ae	*30	*32	*41	*(B71)	*06	*07	SSP	
274	Lo, Raymundo	*30	*32	*41	*15			SSO	
731	Loewenthal, R	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01	*07:04:01/11		
759	Lopez-Cepero	*30:02/10/12/32+	*32:01/05/08/11Q+	*41:01/07	*15:18/72/134/153	*06:02/07/10/12+	*07:04/11/63+	RVSSO	
23	Mah, Helen	*30:02/10/32/33	*32:01/12/16	*41:01	*15:18/134/198	*06:02/17	*0704/11	SSO	
8029	Mani, Rama	*30	*32	*41	*15			SSP	
206	McAlack-Hana	*30	*32	*41	*15(B71)	*06	*07	RVSSOP	
8001	Rao, Prakash	*30	*32	*41	*15:18	*06	*07	SSP	
3625	Rees, Tracey	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04	PCR-SSP, SBT	
5200	Reinke, Denni	*30	*32	*41	*15(B71)	*06	*07	SSP	
1160	Rosen-Bronso	*30	*32	*41	*15	*06	*07	RVSSO, SSP	
793	Rubocki, Ron	*30	*32	*41	*15(B71)	*06	*07	SSP	
3519	Semana, Gilbe	*30:10	*32:01	*41:01	*15:18	*06:02	*07:04	SBT	
5451	Tilanus, Marc	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01	*07:04:01	SBT	
5462	Turner, E.V.	*30:10	*32:01:01	*41:01	*15:18:01	*06:02:01:01/02	*07:04:01	SEQ, SSO, SSP	

CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie	*03	*30	*41	*42	*17	*17	PCR-SSP
16	Askar, Medhat	*03:01:01// *03:43	*30:01:01// *30:26	*41:02:01	*42:02	*17:01-03		PCR-RSSOP, SBT
774	Cecka, J. Mich	*03	*30	*41	*42	*17		SSP
5232	Charlton, Ron	*03:01	*30:01	*41:02	*42:02	*17:01	*17:01	SSO, SSP
4492	Charron, D.	*03:01/77-121	*30:01/35-49	*41:02/10-18	*42:02/09	*17:01/06-09		PCR-SSP
4492	Charron_LR	*03	*30	*41	*42	*17		PCR-SSO
798	Claas, F.H.J.	*03:01:01	*30:01:01	*41:02:01	*42:02	*17:01:01		SBT
3632	Colombe, Beth	*03:01	*30:01	*41:02	*42:02	*17:01		SSOP, SSP
5130	Costeas, Paul	*03:01	*30:01/15	*41:02/03	*42:02/09	*17:01		SSP
779	Daniel, Claud	*03	*30	*41	*42	*17		PCR-SSP
8052	Del Pozo, Ana	*03	*30	*41	*42:02	*17	*17	PCR-SSO
3766	Dunn, Paul	*03	*30	*41:02+	*42:02	*17:01-04/06/08		SSO
5214	Eckels/CPMC	*03	*30	*41	*42:02	*17	*17	SSOP
4251	Ellis, Thomas	*03:01:01G	*30:01	*41:02	*42:02	*17:01:01G	*17:01:01G	PCR-RVSSO, SBT
762	Fischer&Mayr	*03:01/01N/20/21N/26+	*30:01/24	*41:02	*42:02	*17:01		SBTex1-4
792	Gandhi, Manis	*03:01	*30:01	*41:02	*42:02	*17:01		SSO, SSP
810	Hamdi, Nuha	*03:01	*30:01	*41:02	*42:02	*17:01	*17:01	SSO
4269	Hanau, Daniel	NT						
3808	Hogan, Patric	*03	*30	*41	*42	*17		
745	Holman, Richa	*03:01:01	*30:01:01	*41:02:01	*42:02	*17:01:01		SSO, SSP, SBT
859	Kamoun, Malek	*03:01	*30:01	*41:02	*42:02	*17:01		PCR-SBT, SSP
4337	Kim, Tai-Gyu	*03:01/20/21N/26/37+	*30:01/24	*41:02	*42:02	*17:01-03	*17:01-03	SBT
9000	Klein_LR	*03	*30	*41	*42	*17		SSO
278	Lee, Jar-How	*03:01	*30:01/42/48/49	*41:02/10/13/15	*42:02	*17:01		SSP, RVSSOP
6649	Lim, Young Ae	*03	*30	*41	*42	*17		SSP
274	Lo, Raymundo	*03	*30	*40:88	*42:02			SSO
731	Loewenthal, R	*03:01:01/43	*30:01:01/26	*41:02:01	*42:02	*17:01:01		
759	Lopez-Cepero	*03:01/01N/03N/04/11N+	*30:01/15/18-20+	*41:02/10/11	*42:02	*17:01-04/06/08		RVSSO
23	Mah, Helen	*03	*30:01/24/31	*41:02/10/13/15+	*42:02	*17:01	*17:01	SSO
8029	Mani, Rama	*03	*30	*41	*42			SSP
206	McAlack-Hana	*03	*30	*41	*42	*17	*17	RVSSOP
8001	Rao, Prakash	*03	*30	*41	*42	*17		SSP
3625	Rees, Tracey	*03:01	*30:01	*41:02	*42:02	*17		PCR-SSP, SBT
5200	Reinke, Denni	*03	*30	*41	*42	*17		SSP
1160	Rosen-Bronso	*03	*30	*41	*42:02	*17		RVSSO, SSP
793	Rubocki, Ron	*03	*30	*41	*42	*17		SSP
3519	Semana, Gilbe	*03:01	*30:01	*41:02	*42:02	*17:01		SBT
5451	Tilanus, Marc	*03:01:01	*30:01:01	*41:02:01	*42:02	*17:01:01		SBT
5462	Turner, E.V.	*03:01:01:01/02N/03/43	*30:01/26	*41:02:01	*42:02	*17:01:01:01/02		SEQ, SSO, SSP

## SUMMARY

Cell 1437 (Hispanic/Caucasian)  
37 labs

A*02	59%
A*02:01	22%
A*02:01:01	16%
A*02:01:01G	3%
A*02	100% TOTAL

A*31	57%
A*31:01	27%
A*31:01:02	16%
A*31	100% TOTAL

37 labs

B*47	46%
B*47:01	38%
B*47:01:01	16%
B*47	100% TOTAL

B*51	62%
B*51:01	22%
B*51:01:01	16%
B*51	100% TOTAL

35 labs

C*06	63%
C*06:02	31%
C*06:02:01	6%
C*06	100% TOTAL

C*14	63%
C*14:02	31%
C*14:02:01	6%
C*14	100% TOTAL

Cell 1438 (Black)  
37 labs

A*30	60%
A*30:02	24%
A*30:02:01	16%
A*30	100% TOTAL

A*74	49%
A*74:01/02	16%
A*74:01	32%
A*74:01:01G	3%
A*74	100% TOTAL

37 labs

B*14	51%
B*14:02	33%
B*14:02:01	16%
B*14	100% TOTAL

B*81	57%
B*81:01	40%
B*81:01:01G	3%
B*81	100% TOTAL

35 labs

C*08	54%
C*08:02	26%
C*08:02:01	17%
C*08	97% TOTAL

C*08	40%
C*08:04/13/39	6%
C*0804/13/39	2%
C*08:04/13	6%
C*08:04	46%
C*08	100% TOTAL

Cell 1439 (Hispanic)  
38 labs

A*30	50%
A*30:02	3%
A*30:10	47%
A*30	100% TOTAL

A*32	58%
A*32:01	26%
A*32:01:01	16%
A*32	100% TOTAL

38 labs

B*41	50%
B*41:01/16	8%
B*41:01	39%
B*41:16	3%
B*41	100% TOTAL

B*15	53%
B*15:18	29%
B*1518	2%
B*15:18:01	16%
B*15	100% TOTAL

36 labs

C*06	55%
C*06:02	28%
C*06:02:01	17%
C*06	100% TOTAL

C*07	47%
C*07:04/11	5%
Cw*0704/11	3%
C*07:04:01/11	6%
C*07:04	25%
C*07:04:01	11%
C*07:04:01G	3%
C*07	100% TOTAL

Cell 1440 (Black)  
38 labs

A*03	66%
A*03:01	24%
A*03:01:01	8%
A*03:01:01G	2%
A*03	100% TOTAL

A*30	71%
A*30:01	21%
A*30:01:01	8%
A*30	100% TOTAL

38 labs

B*41	55%
B*41:02	26%
B*41:02:01	16%
B*41	97% TOTAL

B*42	37%
B*42:02	63%
B*42	100% TOTAL

36 labs

C*17	55%
C*17:01	28%
C*17:01:01	14%
C*17:01:01G	3%
C*17	100% TOTAL

INTERNATIONAL CELL EXCHANGE

	*****	CELL NO.1437	*****	CELL NO.1438	*****	CELL NO.1439	*****	CELL NO.1440	*****
	V		V		V		V		
INVESTIGATOR	I	(MIXD)	I	(BLCK)	I	(HISP)	I	(BLCK)	
	A A A B B C B		A A A B B C B		A A A B B C C B		A A A B B C B		
DAYS	B 2 3 4 5 W W		B 3 7 1 8 W W		B 3 3 4 7 W W W		B 3 3 4 4 W W		
NAME	OLD % 1 7 1 6 4 OTHERS		% 0 4 4 1 8 6 OTHERS		% 0 2 1 0 6 7 6 OTHERS		% 0 1 2 1 6 OTHERS		

7

Alonso, Anton	7	90	+	+	+	+	+			90	+	+	+	+	+			90	+	+	+	+		
Alvarez, Carr	6	100	+	+	+	+	+			100	+	+	+	+	+			100	+	+	+	+		
Askar, Medhat	3	95	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+		
Cecka, J. Mich	2	95	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+		
Chan MD, Soh	4	95	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+		B7, CW2, CW7
Charron, D. P	3	95	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+		
Claas, F.H.J.	7	90	+	+	+	+	+			90	+	+	+	+	+			90	+	+	+	+		
Dunk, Arthur	2	98	+	+	+	+	+			98	+	+	+	+	+			98	+	+	+	+		
Dunn, Paul Dr	7	95	+	+	+	+	+			90	+	65	+	+	+			95	+	+	+	+		BW4
Enczmann, J.	6	95	+	+	+	+	+			95	+	+	65	+	+			95	+	+	+	+		BW4
Esteves Kond	2	98	+	+	+	+	+			98	+	+	6501	+	+			98	+	+	+	+		CW5V
Fort, Marylis	6	96	+	+	+	+	+			97	+	+	+	+	+			96	+	+	+	+		
Gomez, Carmen	2	98	+	+	+	+	+			98	+	+	+	+	+			98	+	+	+	+		A32
Gomez, Carmen	2	95	+	+	+	+	+			95	+	+	+	+	+			98	+	+	+	+		CW2
Gottwald, Hes	6	96	+	+	+	+	+			96	+	+	65	+	+			96	+	+	+	+		CW7
Hahn, Amy B.	7	98	+	+	+	+	+			99	+	+	65	+	+			99	+	+	+	+		CW17, CW8
Harville, Ter	6	90	+	+	+	+	+			90	+	+	65	+	+			90	+	+	+	+		CW2
Hirankarn MD	6	84	+	+	+	+	+			85	+	+	+	+	+			86	+	+	+	+		B7, B55
Hogan, Patric	14	80	+	+	+	+	+			50	+	+	65	+	+			50	+	+	+	+		
Holdsworth, R	13	95	+	+	+	+	+			95	+	19	65	+	+			95	+	+	+	+		
Holman, Richa	3	95	+	+	+	+	+			95	+	19	+	+	+			95	+	+	+	+		
Hubbell, Char	3	95	+	+	+	+	+			95	+	+	65	+	+			95	+	+	+	+		
Keown, Paul M	6	95	+	+	+	+	+			95	+	+	+	+	+			95	+	+	+	+		B7
Klein, Tirza	6	80	+	+	+	+	+			90	+	+	+	+	+			80	+	+	+	+		
Kvam, Vonnett	3	97	+	+	+	+	+			97	+	+	65	+	+			98	+	+	+	+		CX14
Lardy, N.M. D	6	90	+	+	+	+	+			90	+	+	+	+	+			90	+	+	+	+		
Loewenthal M	5	90	+	+	+	+	+			90	+	+	65	+	+			90	+	+	+	+		
MacCann, Eile	3	98	+	+	+	+	+			98	+	+	+	+	+			98	+	+	+	+		A31
Maeda, Lisa	1	100	+	+	+	+	+			100	+	+	65	+	+			100	+	+	+	+		
Mah, Helen	3	98	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		
McAlack-Hana	2	98	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		
McCluskey, Ja	8	90	+	+	+	+	+			90	+	+	65	+	+			90	+	+	+	+		
Meyer, Pieter	20	85	+	+	+	+	+			80	+	+	+	+	+			80	+	+	+	+		B7, A29
Mpuntscha, Loy	6	80	+	+	+	+	+			80	19	19	+	+	+			80	19	+	+	+		B15, BW4
Norin, Allen	3	99	+	+	+	+	+			99	+	+	65	+	+			99	+	+	+	+		
Pancoska, Car	2	97	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		CW17
Permpikul, Ve	6	90	+	+	+	+	+			90	+	+	65	+	+			90	+	+	+	+		
Pollack, Mari	2	99	+	+	+	+	+			99	+	+	65	+	+			99	+	+	+	+		
Rees, Tracey	6	90	+	+	+	+	+			80	+	+	65	+	+			80	+	+	+	+		B75
Rosen-Bronso	2	95	+	+	+	+	+			90	+	+	65	+	+			90	+	+	+	+		
Rubocki, Rona	2	98	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		
Semana MD, Gi	3	99	+	+	+	+	+			99	+	+	+	+	+			99	+	+	+	+		
Shai, Isaac	9	92	+	+	+	+	+			90	+	+	+	+	+			88	+	+	+	+		B73, BW4
Stamm, Luz	3	98	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		BW4
Stavropoulos	6	97	+	+	+	+	+			97	+	+	+	+	+			97	+	+	+	+		
Tilanus, Marc	7	90	+	+	+	+	+			90	+	+	+	+	+			90	+	+	+	+		
Vidan-Jeras,	6	70	+	+	+	+	+			95	+	+	65	+	+			95	+	+	+	+		
Walter Reed	3	98	+	+	+	+	+			98	+	+	65	+	+			98	+	+	+	+		
Watson, Narel	15	NT								NT								NT						
Wisecarver M	3	98	+	+	+	+	+			98	+	+	+	+	+			98	+	+	+	+		B7

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

(MIXD)  
 \*\*\*\* CELL 1437 \*\*\*\*  
 (49 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A31 100.0%  
 (100.0%)  
  
 B47 98.0%  
  
 B51 100.0%  
 (100.0%)  
  
 CW6 51.0%  
  
 BW4 91.8%

(OTHERS FOUND)  
 CW8 4.1%  
 CX14 4.1%  
 B61 2.0%

(BLCK)  
 \*\*\*\* CELL 1438 \*\*\*\*  
 (49 SAMPLES TYPED)  
 A30 98.0%  
 A19 2.0%  
 (100.0%)  
  
 A74 81.6%  
 A19 6.1%  
 ( 87.8%)  
  
 B14 40.8%  
 B65 59.2%  
 (100.0%)  
  
 B81 89.8%  
 8101 2.0%  
 ( 91.8%)  
  
 CW8 53.1%  
  
 BW6 91.8%

(OTHERS FOUND)  
 B7 8.2%  
 A29 4.1%  
 A31 2.0%  
 CW5V 2.0%  
 CW5 2.0%

(HISP)  
 \*\*\*\* CELL 1439 \*\*\*\*  
 (48 SAMPLES TYPED)  
 A30 95.8%  
 A19 2.1%  
 ( 97.9%)  
  
 A32 100.0%  
 (100.0%)  
  
 B41 95.8%  
  
 B70 54.2%  
 B71 45.8%  
 (100.0%)  
  
 CW6 50.0%  
  
 CW7 54.2%  
  
 BW6 93.8%

(OTHERS FOUND)  
 BW4 12.5%  
 B75 4.2%  
 CW17 4.2%  
 B73 2.1%  
 B15 2.1%  
 CW8 2.1%  
 A32 2.1%

(BLCK)  
 \*\*\*\* CELL 1440 \*\*\*\*  
 (48 SAMPLES TYPED)  
 A3 100.0%  
  
 A30 97.9%  
 ( 97.9%)  
  
 B41 95.8%  
  
 B42 95.8%  
  
 CW17 41.7%  
 ( 41.7%)  
  
 BW6 93.8%

(OTHERS FOUND)  
 CW2 12.5%  
 CW7 6.3%  
 B7 6.3%  
 A31 2.1%  
 BW4 2.1%  
 B55 2.1%  
 B39 2.1%