REPORT OF THE 344th CELL EXCHANGE

OCTOBER 7, 2009

B-Cell Line	**429-430**
Serum	**1001-1004**
DNA Extract	**461-464**
Cells	**1373-1376**

B-cell line Exchange

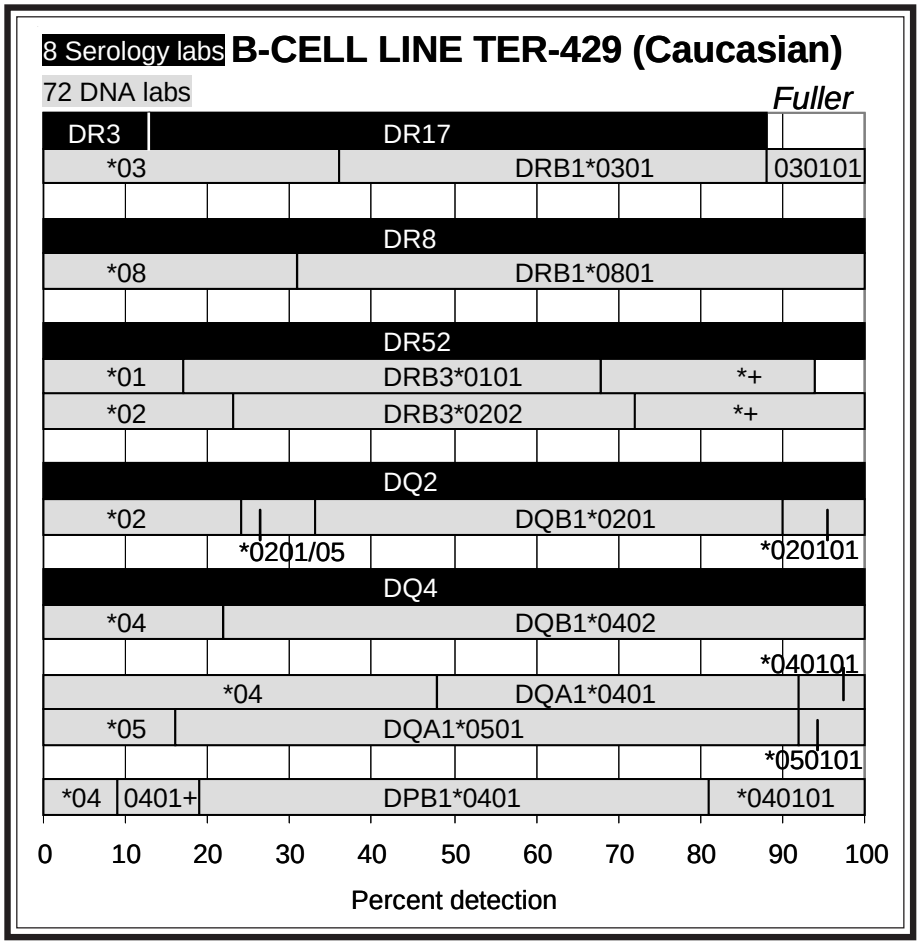
Cells with rare associations were studied in this month's exchange. The rare DR8-DR52 in one cell in this study was originally described by **Tom Fuller, University of Utah** (1). The second cell was originally studied by **Judy Wade, Regional Histocompatibility Laboratory, University of Toronto,** in collaboration with **Fu-Meei Robbins,** presently at the **National Institutes of Health**, and determined that it had the unusual DRB1*07-DRB4*03null association (2).

TER-429. This Caucasian cell was previously typed twice in the Cell Exchange, as TER-181 (1996) and TER-345 (2004), as correctly identified by Ball, Barnardo, Hahn, Hanau, Mah, and Stamm. Eberle et al. (1) detailed the rare DR8-DR52 association in this cell, that is, DRB1*0801-DRB3*0202, in family studies, postulating that this association may be on a putative "founder" DR8 haplotype produced during a deletion event that "…removed the 3' untranslated (3'UT) region of the DRB1 locus, the DRB2 pseudogene, and DRB3 locus including the first and second domains, but excluding the 3'UT." In this retyping, Costeas acknowledged 2 other later reports, by Chen et al. (3) and Medis et al. (4), for documenting the unusual DRB1*0801-DRB3*0202 association.

In this second retyping, the unexpected DRB3*0202 with DRB1*08 was noted by Clark, Colombe, Costeas, Tilanus, and Turner. In the 2004 typing, Abbal, Darke, Hauptfeld-Dolejsek, McIntyre, Downs and Morrisey, and Richard noted the presence of 2 different DRB3 alleles and the unusual association. This cell is the only DRB1*08-DRB3 cell typed in the Cell Exchange.

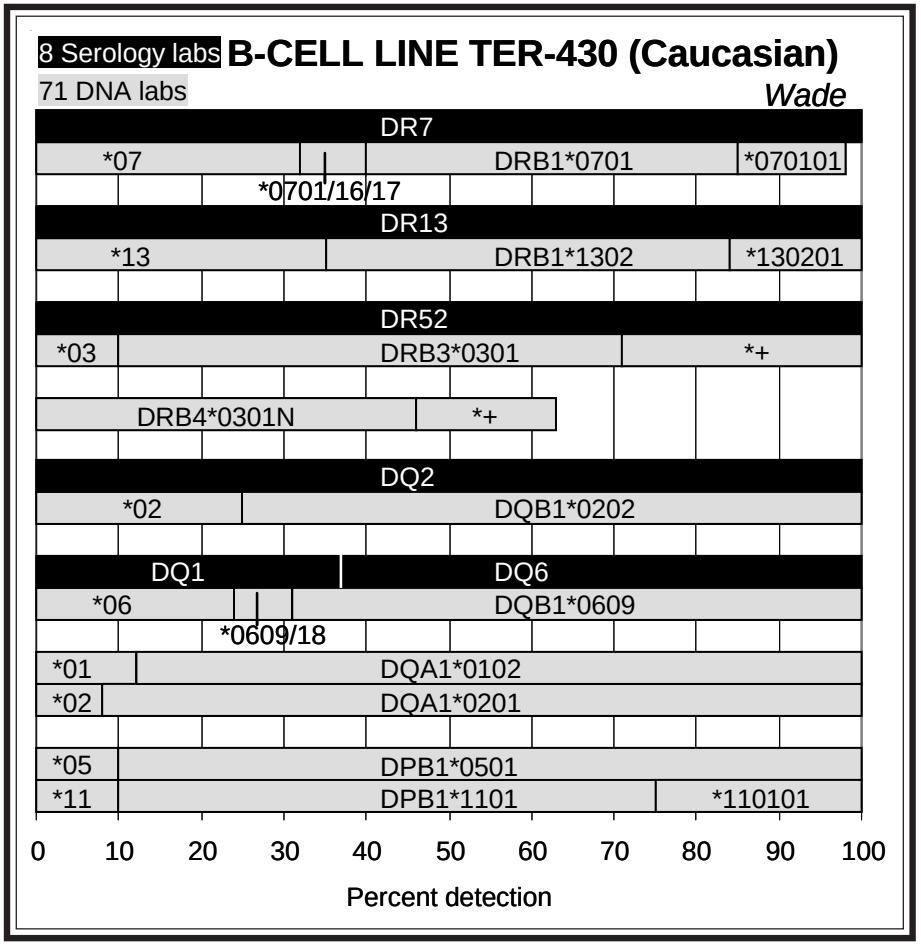
Family studies and exchange studies determined the haplotypes to be DRB1*0801-DRB3*0202-DQB1*0402-DQA1*0401 and DRB1*0301-DRB3*0101-DQB1*0201-DQA1*0501. The same DRB1*0801 haplotype was also found in an unrelated donor by Chen et al. in a family study.

This cell was well typed for DR17, DR8, DR52, DQ2, and DQ4.



The labs were in agreement with the sole assignment of DPB1*0401 (*040101), although 2 labs did not resolve DPB1*0401 from DPB1*2302N and DPB1*2402.

TER-430. In the initial 2005 typing as TER-368, this cell from a Caucasian donor perplexed the labs, especially with the presence of the unusual DRB4*0301N. Robbins et al. (2) described the null allele as having no exon 2 in this cell, TTH-18, and in 4 other cells, including GN017, the reference DRB4*0301N cell.



In the present retyping, 46% detected DRB4*0301N, an increase over the 37% detection level 4 years. However, a significant number of labs (31%) still did not assign a DRB4, compared to 44% missing it in the initial typing:

	TER-368	TER-430
	2005	2009
	68 labs	52 labs
DRB4*+	12%	13%
DRB4*other	3%	2%
DRB4*01	6%	4%
DRB4*0103N	-	2%
DRB4*0201N	-	2%
DRB4*0301N	35%	46%
blank	***44%***	***31%***

Mah commented that the DRB4*0301N allele was detected by SSP, but not by SSO. Rubocki remarked that the DR53 reactivity was short. A number of labs commented upon finding DRB1*0701 with no DRB4 gene. Overall, 63% of the labs reported DRB4 in this retyping compared to 56% in 2005.

This cell would be useful in a screening panel to differentiate anti-DR4, -DR7, and -DR9 antibodies, that is, antibodies to DRB1 products, from anti-DR53 antibodies, sera reactive to DRB4 products.

DQB1*0202 and DQB1*0609 were reported by 75% and 69%, respectively. The probable haplotypes in this cell were DRB1*0701-DRB4*0301N-DQB1*0202-DQA1*0201 and DRB1*1302-DRB3*0301-DQB1*0609-DQA1*0102. Robbins et al. found the same DRB1*0701-DRB4*0301N haplotype in the other 4 cells in their study. DRB1*0701 is commonly found in association with either DRB4*0101 or DRB4*0103 along with DQB1*0202-DQA1*0201 in all ethnic populations (5).

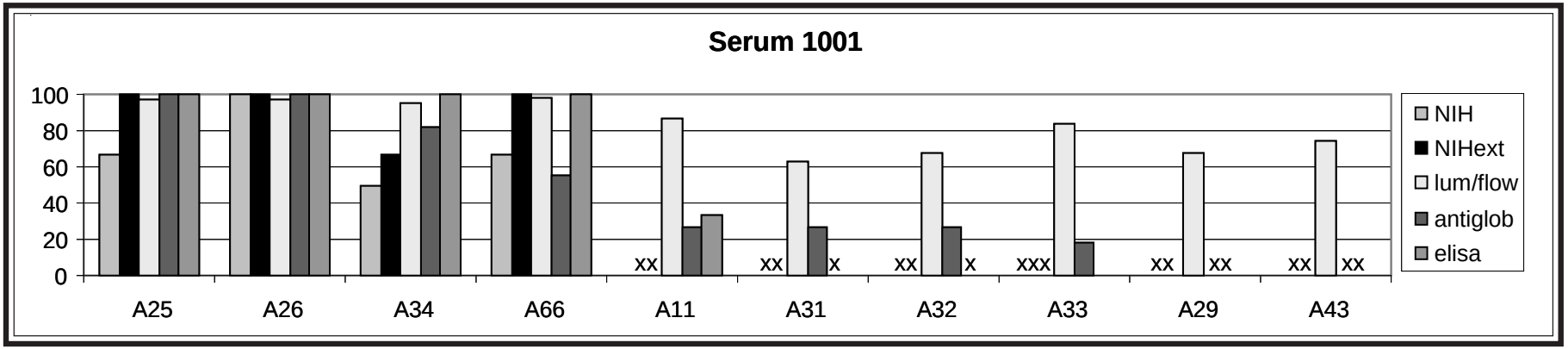
In the 2005 typing, Darke assigned DPA1*0201.

DPB1*0501 and DPB1*1101 (*110101) were assigned in consensus.

Serum Exchange

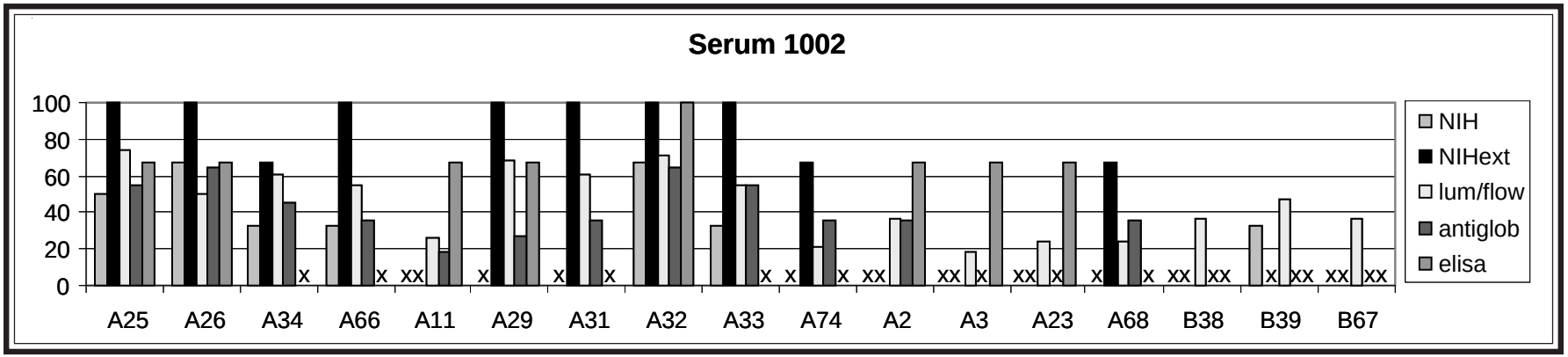
Four antibodies (**sera 1001-1004**) reactive to A10 (A25, A26, A34, A66) specificities were tested in this month's exchange. Threonine at position 149 is unique for A10 specificities.

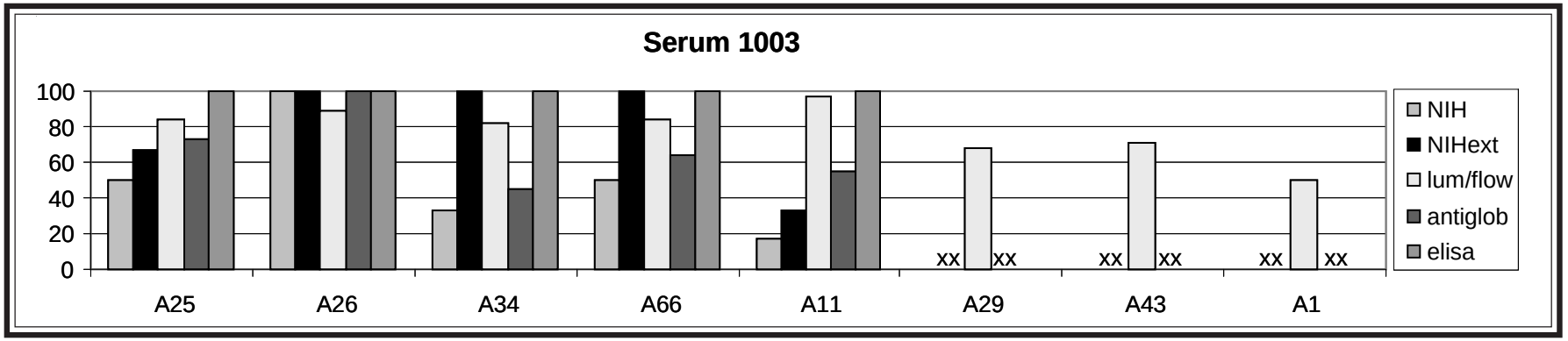
Sera 1001-1004 were strongly positive to A25, A26, A34, and A66 by all methods. For 3 of the 4 sera, that is, sera 1001, 1002, and 1004, labs using Luminex, flow, antiglobulin, and ELISA also detected A11 whereas all methods reported anti-A11 reactivity for serum 1003.



Serum 1001 reacted as an operatively monospecific anti-A10 antiserum, except by Luminex and flow. Additional reactivity to A11, A19 (A29, A31, A32, A33, A74) and A43 specificities were reported by labs using Luminex and flow, and to a lesser degree, by labs using antiglobulin.

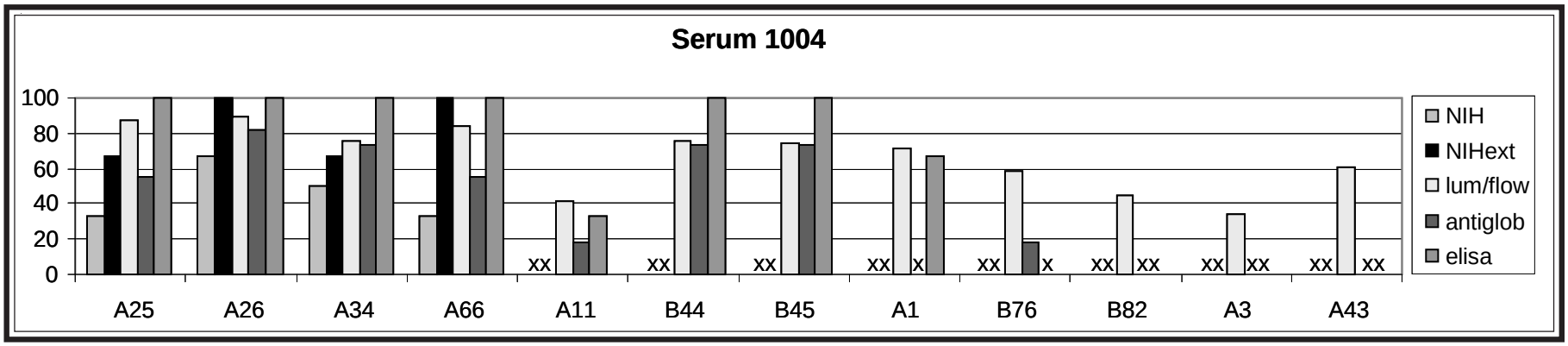
For **serum 1002**, besides A10, reactions to A19 specificities were detected by all methods. Varied levels of anti-A2, -A3, -A23, and -A68 reactivity were also reported.





Serum 1003 reacted as a strong antibody to A10. Anti-A11 reactivity was reported by all methods, the strength depending upon which method was used. Luminex and flow labs also reported reactions to A29 and A43 and weaker reactivity to A1 and A36, as well as to several C-locus specificities, including Cw2, Cx15, and Cx17.

For **serum 1004**, labs using Luminex, flow, antiglobulin, and ELISA detected the presence of a strong interlocus A10-B12 (B44, B45) antibody. Additional reactivity to other specificities, including A1, A3, A11, A43, B76, and B82 were also reported, depending upon which method was used.



Extract Exchange

All 4 cells featured in this month's study were generously offered by **Helen Bass, Jane Rowlands, and Tracey Rees, Wales Blood Service, Pontyclun**.

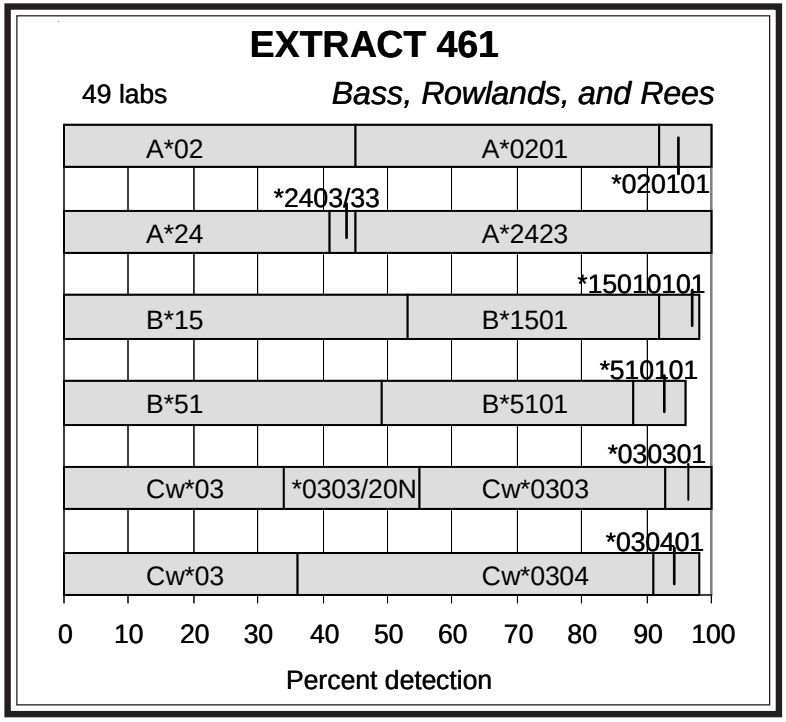
Each cell with a rare or unusual type was previously typed in the Cell Exchange, as correctly identified by Barnardo, Brown, Moses and Dunckley, and Stamm.

Extract 461. This cell was 26586, described by Street et al. (6) and serves as a reference for A*2423. It was previously typed for class I as extracts 181 (2001) and 287 (2004), and for class II, as TER-306 (2002).

In this present retyping, A*2423 was detected by 55%. Ellexson-Turner et al. (7) described the sequence, "Of interest was the characterization of a new A*24 allele, A*2423, which shows the most homology to the proposed foundation allele A*2402101. Allele A*2423 contains a single nucleotide substitution at position 571 of G to T, which translates to a coding difference at amino acid 167 of G to W." Street et al. stated that the serological expression of this variant correlated to that of A2403, as also found with A*2410 and A*2433 cells.

The following graph shows the high-resolution detection levels for the class I types over the years:

	extract 181	extract 287	extract 461
	2001	2004	2009
A*0201	16%	25%	55%
A*2423	**18%**	**41%**	**55%**
B*1501	30%	39%	45%
B*5101	10%	19%	47%
Cw*0303	24%	38%	45%
Cw*0304	20%	38%	62%



Regarding possible associations, B*1501 can be found in association with either Cw*0303 or Cw*0304; however, it is somewhat unusual to find B*5101 associated with either Cw*03 type. B*5101-Cw*0303 was previously found in extract 1108 (2002) from a donor of mixed ethnicity (Caucasian and Black).

When this donor of undetermined ethnicity was typed as TER-306 in 2002, the high-resolution class II typing was DRB1*0407, DRB1*1301, DRB3*0202, DRB4*0103, DQB1*0302, DQB1*0603, DQA1*0103, DQA1*0301, DPB1*0201, DPB1*0301.

Extract 462. This cell from an individual of mixed ethnicity, being Japanese and Black, was 29182, the reference B*4703 cell. The donor was previously typed in 2007 as extract 392 for class I and as TER-389 for class II.

In this retyping, B*4703 was assigned by 61%. However, resolution for the B*47 allele continued to be problematic, as a number of labs misassigned B*4701 or B*4702:

	extract 392	extract 462
	2007	2009
	49 labs	49 labs
B*47	25%	29%
*B*4701*	*2%*	*2%*
*B*4702*	*4%*	*8%*
B*4703	**69%**	**61%**
total	100%	100%

B*4701, B*4702, and B*4703 differ in the region of codons 77-83 (exon 2), which encodes the Bw4 and Bw6 epitopes:

```
                              80                  85                  90
B*070201        GAG AGC CTG CGG AAC CTG CGC GGC TAC TAC AAC CAG AGC GAG GCC
B*47010101      --- GA- --- --- -C- --- -T- C-- --- --- --- --- --- --- ---
B*47010102      --- GA- --- --- -C- --- -T- C-- --- --- --- --- --- --- ---
B*4702          --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
B*4703          --- --- --- --- --- --- -T- C-- --- --- --- --- --- --- ---
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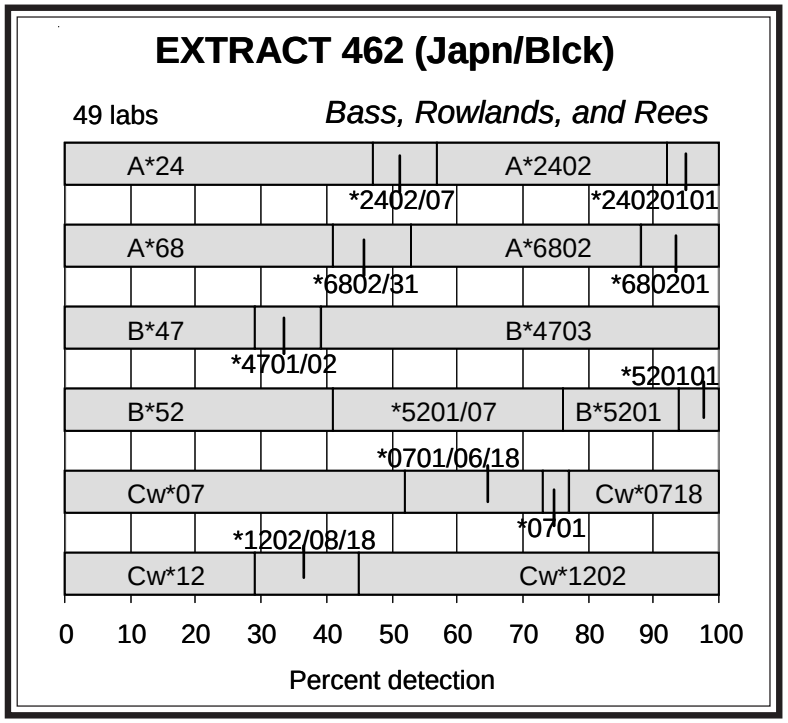
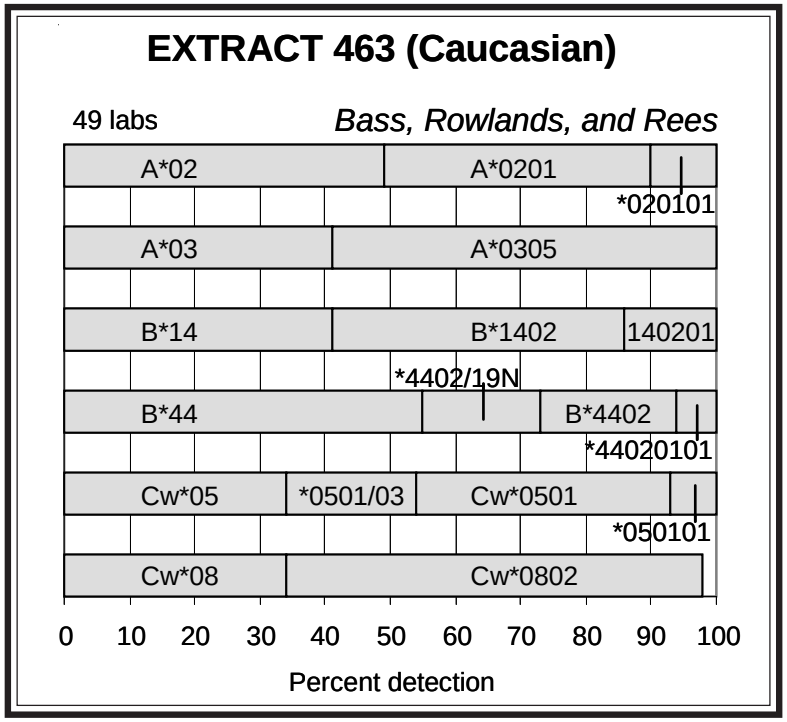
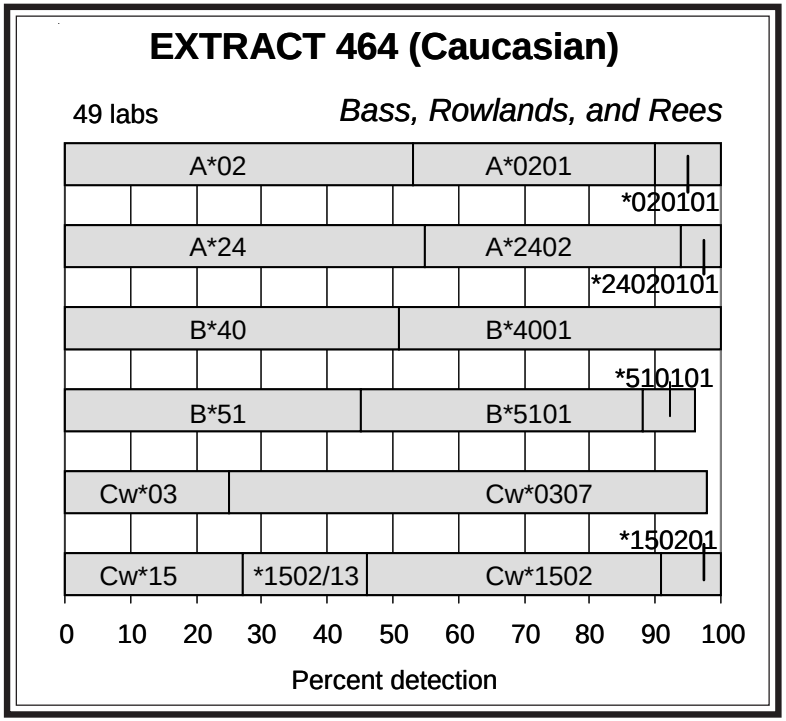


We plan to send this reference cell and other B*47 cells again in our continued efforts to improve standardization.

The C-locus types were Cw*0718 (23%) and Cw*1202 (55%). The probable associations in this cell were B*4703-Cw*0718 and B*5201-Cw*1202.

When typed as TER-389, the labs were given the opportunity to type the rare DQB1*0608. The class II results indicated DRB1*1301, DRB1*1502, DRB3*0202, DRB5*0102, DQB1*0601, DQB1*0608, DQA1*0103, DPB1*0602, DPB1*0901.





Extract 463. The rare A*0305 (59%) was present in this Caucasian cell. It was previously typed as extract 343 in 2003. According to Steiner et al. (8), A*0305 is most homologous to A*030101, with one substitution at codon 161 (GAT→GAG), resulting in an amino acid change of aspartic acid to glutamic acid (D to E). To date, all other A*03 alleles, except A*0305, A*0310, A*0318, and A*0342, have GAT, whereas these 4 exceptions have GAG at codon 161.

B*1402 (59%) and B*4402 (27%) were the B-locus types.

Cw*0501 (46%) and Cw*0802 (64%) were the C-locus alleles.

The likely haplotypes in this cell may be A*0201-B*4402-Cw*0501, the second most frequently found haplotype in Caucasians, HF=0.0542 (9), and A*0305-B*1402-Cw*0802.

Extract 464. This Caucasian donor was previously typed as extract 351 (2006). In the 2006 typing, Cw*0307 (62%) was typed for the first time in the Cell Exchange. Cw*0307 was described by Santos et al. (10) as a variant of Cw*0304, "Nucleotide substitutions were placed at positions 302, A to G, and 312, A to C, generating two amino acid replacements, serine to asparagine at codon 77 and asparagine to lysine at codon 80," and "Therefore, Cw*0307 only differs from Cw*0304 by the 77-80 motif," as shown:

```
                    70         80         90         100
Cw*010201    DRETQKYKRQ AQTDRVSLRN LRGYYNQSEA GSHTLQWMCG
Cw*0304      ---------- ---------- ---------- ---II-R-Y-
Cw*0307      ---------- ------N--K ---------- ---II-R-Y-
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Santos et al. also stated that almost all known C-locus alleles can be split into 2 groups with respect to residues at codons 77 and 80, that is, S77N80, as in the majority of Cw*03 alleles, and N77K80, as found in Cw*0307, "This dimorphism, similar to the serologic Bw4/Bw6 subdivision of HLA-B molecules, allows to define two subsets of natural killer (NK) cells expressing KIR receptors reactive with two monoclonal antibodies, GL183 and EB6." The investigaotrs said that cells with C-locus types with S77N80 inhibit NK1 clones whereas NK2 cells recognize those cells with C-locus alleles with N77K80.

In this present retyping, the unusual Cw*0307 was detected by 73%.

The second C-locus type was Cw*1502 (54%).

The B-locus alleles were B*4001 (49%) and B*5101 (51%).

B*1501-Cw*1502 is a commonly found association; therefore, it was likely that the other association in this cell was B*4001-Cw*0307.

Cell Exchange

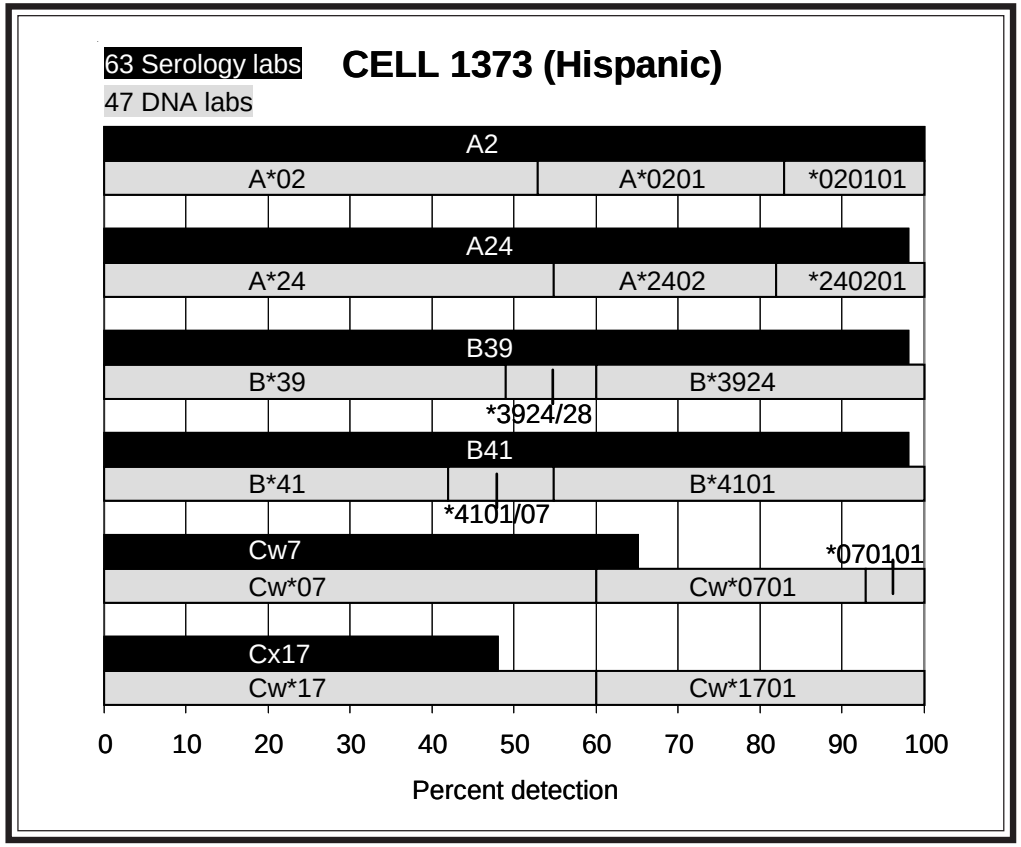
Cell 1373. Although B39 (97%) was well typed in this cell from an Hispanic individual, Israel and McCluskey observed shorter than normal anti-B39 reactivity. DNA results revealed the presence of B*3924, as assigned by 40%, with another 10% reporting B*3924/28. B*3924 is most homologous to B*3903, with only one difference at position 365 (T→C), exon 3, resulting in one amino acid change at codon 98 (ATG→ACG), from methionine (M) to threonine (T). This same B*39 subtype was typed in cell 1336 last year in a Caucasian donor, becoming the first B*3924 to be typed in the Cell Exchange.

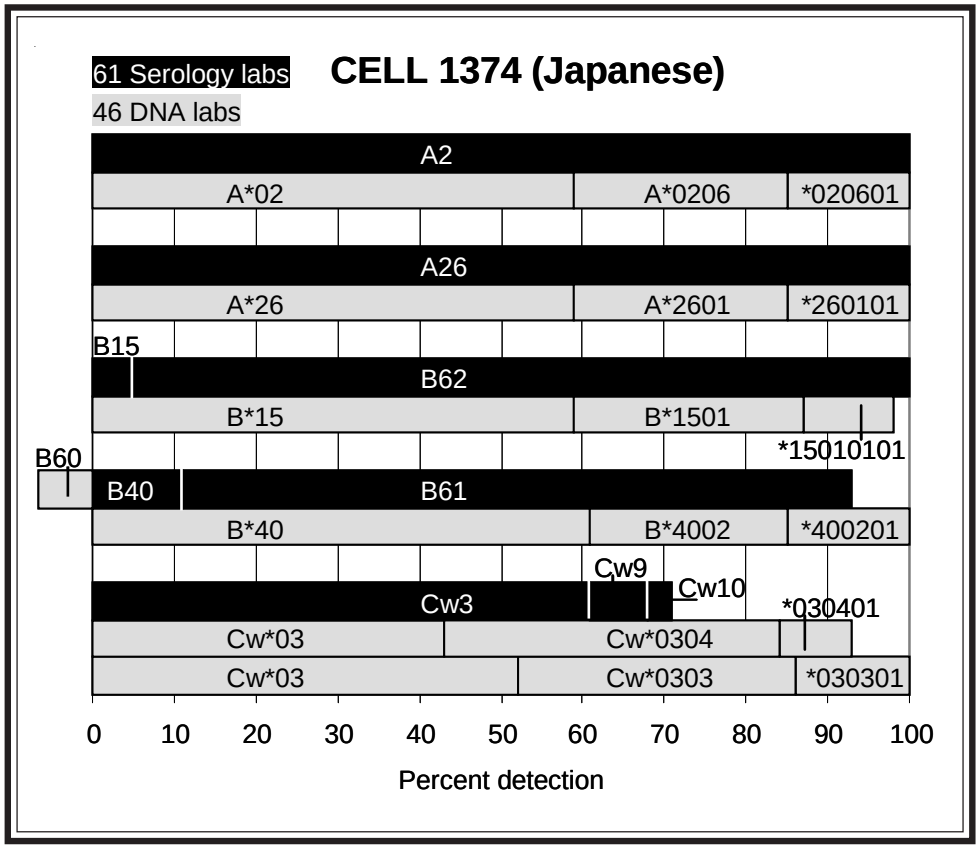
The other B-locus antigen was B41 (98%), confirmed as B*4101 (44%).

A2 (100%) and A24 (98%) were verified as A*0201 (46%) and A*2402 (43%), respectively.

Cw7 and Cx17 were the C-locus types, corroborated as Cw*0701 and Cw*1701, respectively, by 39%.

The possible haplotypes in this cell may be A*0201-B*3924-Cw*0701 and A*2402-B*4101-Cw*1701. The same A*0201-B*3924-Cw*0701 association was also found in cell 1336. Cao et al. (9) listed B*3924-Cw*0701 as “intermediate/rare Caucasians/ Middle Easterns.”





Cell 1374. This cell from a Japanese donor was well typed as A2, A26, B62, B61, Cw3 and A*0206, A*2601, B*1501, B*4002, Cw*0303, Cw*0304.

The 2 Cw3 splits, Cw9 and Cw10, were confirmed as Cw*0303 (46%) and Cw*0304 (49%), respectively. It should be noted, however, that 3 out of 45 DNA labs typing for C-locus types reported only Cw*03 (Cw9) or Cw*0303.

The commonly found associations, B62-Cw9/B*1501-Cw*0303 and B61-Cw10/B*4002-Cw*0304, were likely present in this cell.

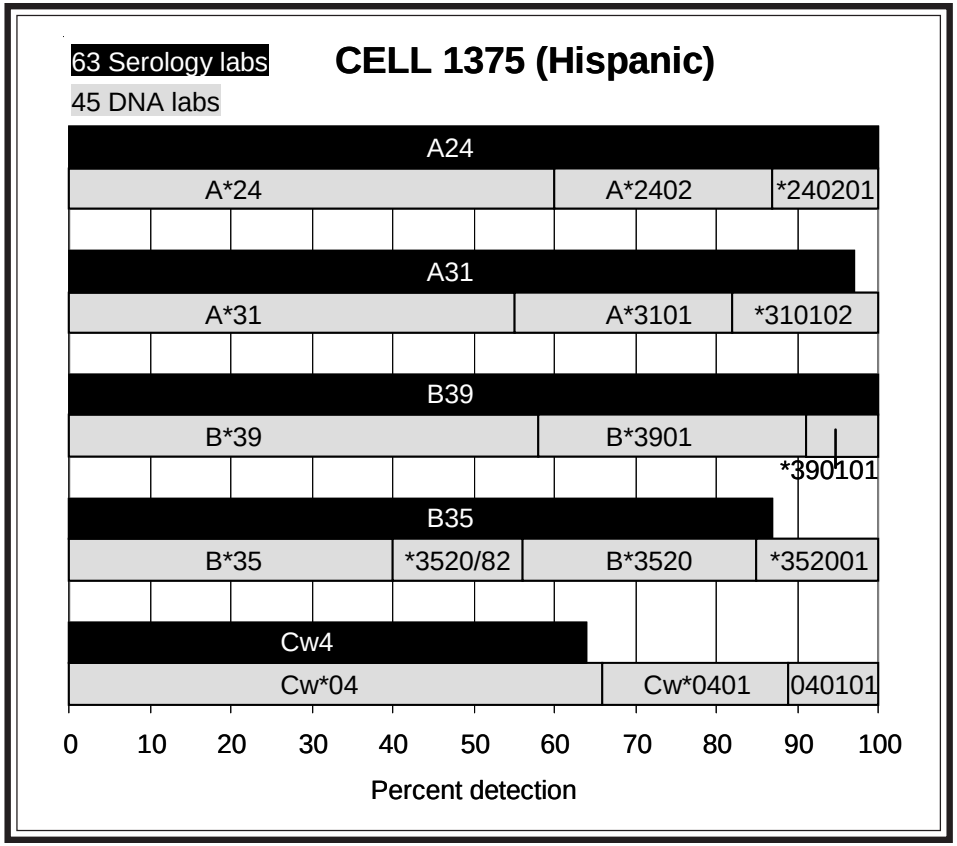
Cell 1375. An unusual variant of B35 was detected in this cell from an Hispanic donor, as B35 was assigned by only 88%. Comments of shorter than normal anti-B35 reactivity were received from a number of labs, including Dunk, Hahn, Holdsworth, Israel, Lardy, McCluskey, Askar and Pidwell, Pollack, Rees, Rosen-Bronson, Rubocki, and Sperry. The DNA labs reported this variant as B*3520 (43%), with another 15% assigning B*3520/82. Marcos et al. (11) described this allele found in the Terena Indians in Brazil, "B*3520 differs from B*3501 by one nucleotide at position 199 of exon 2 (CXT) and by one amino acid residue 67 (SerXPhe), which is involved in the structure of the peptide binding pocket B of the antigen recognition site." The investigators noted that this same substitution was present in a number of B-locus alleles, including B*520102. This was the first time that B*3520 was typed in the Cell Exchange.

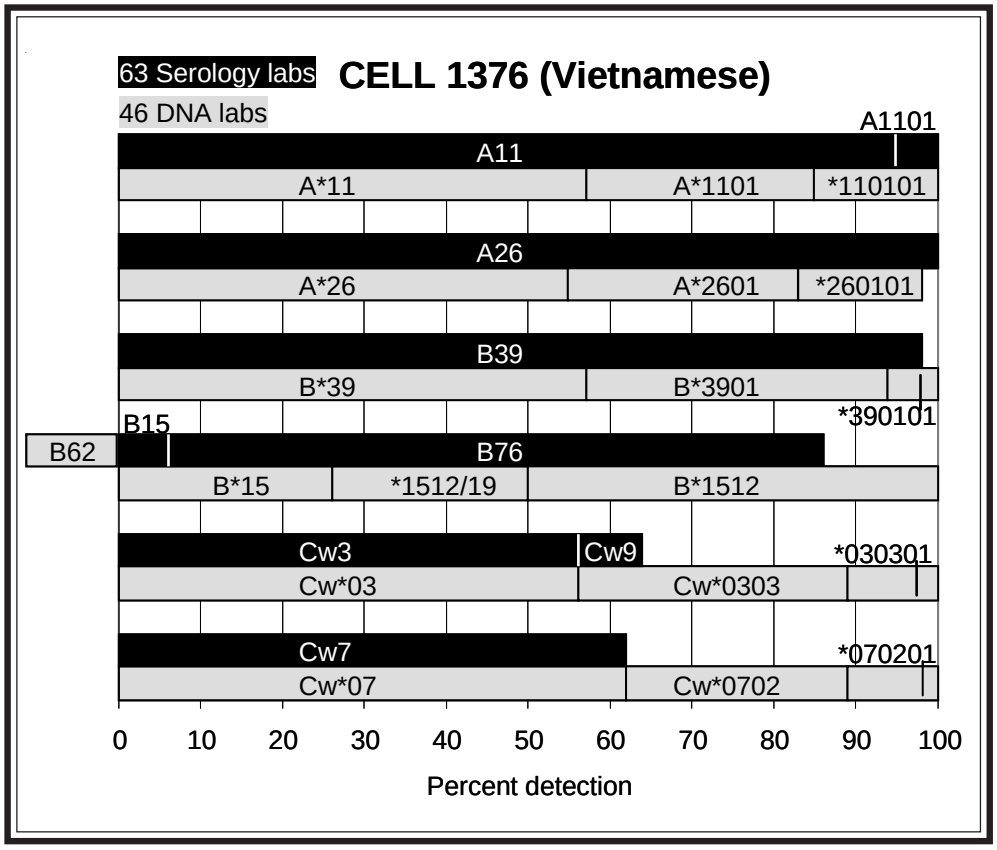
The standard B39, as noted by McCluskey, was present in this cell, assigned in complete consensus, and collaborated as B*3901 (41%).

A2 (100%) and A31 (97%) were well typed, confirmed as A*2402 (39%) and A*3101 (43%), respectively.

Cw4 (64%), verified as Cw*0401 (33%), was the sole C-locus type.

B39-Cw4/B*3901-Cw*0401 and B35-Cw4/B*3520-Cw*0401 were the probable associations. It was somewhat unexpected to find B*3901-Cw*0401. B*3901 is strongly associated with either Cw*0702 or Cw*1203.





Cell 1376. B76 was typed by 80% for this Vietnamese donor. B*1512 was reported by 49% and B*1512/19 by 23%.

B39 (97%) was detected by the majority of labs. As found with cell 1375, the standard B*3901 (42%) was present in this cell.

A11 and A26 were assigned in total agreement, and corroborated as A*1101 and A*2601, respectively, by 43%.

Cw3 (64%) and Cw7 (63%) were present, with Cw*0303 (44%) and Cw*0702 (37%) as the C-locus alleles.

Two associations found in strong disequilibrium, B39-Cw7/B*3901-Cw*0702 and B76-Cw9/B*1512-Cw*0303, were found in this cell. All previous B*1512 exchange cells (cells 837, 945, 962, 1024, 1054, 1330 and extracts 288, 336) were also typed as Cw*0303, with the exceptions of extracts 67 and 171 from Thai donors, which had B*1512-Cw*0304.

References

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NEXT MAILING DATE: November 10, 2009

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Hsu PhD,Susan H.	Philadelphia	PA
Hubbell,Charlene	Syracuse	NY
Hurley & Hartzma,Drs	Rockville	MD
Ichikawa MD PhD,Yasu	Nishinomiya,Hy	
Israel,Dr Shoshana	Jerusalem	
Jackson,Dr Annette	Baltimore	MD
Jaramillo PhD,Andres	Elmhurst	IL
Kamoun MD,Malek	Philadelphia	PA
Kato MD,Shunichi	Isehara,Kanaga	
Keown MD,Paul	Vancouver	BC
Kihara,Masaaki	Tokyo	
Kim,Prof Tai-Gyu	Seoul	
Klein MD,Jon	Louisville	KY
Klein,Dr Tirza	Petach Tikva	
Klein_LR,Dr Tirza	Petach Tikva	
Kotsch PhD,Katja	Berlin	
KuKuruga PhD,Debra	Baltimore	MD
Kusnierczyk PhD,Piot	Wroclaw	
Kvam,Vonnett	Waukesha	WI
Land,Dr Geoffrey A.	Houston	TX
Lanzer,Prof G.	Graz	
Lardy,Dr N.M.	Amsterdam	
Lebeck PhD,Lauralynn	San Diego	CA
Lee PhD,Kyung Wha	Anyang,Kyungki	
Lee,Dr Jar-How	Canoga Park	CA
Leech MD PhD,Stephen	Philadelphia	PA
Lim MD,Young Ae	Suwon	
Lo MD,Raymundo W.	Quezon City	
Loewenthal MD PhD,Ro	Tel-Hashomer	
Lopez-Cepero PhD,May	Tampa	FL
MacCann,Eileen	Providence	RI
Madrigal,Dr J.A.	London England	
Mah,Helen	Boston	MA
Mani,Dr Rama	Chennai,Tamil	
Marsh,Prof Steven	London England	
Masuo,Kiyoe	Tokyo	
McAlack PhD,Robert	Philadelphia	PA
Olerup,Olle	Saltsjobaden	
Ona,Dr Enrique T.	Quezon City	
Ozawa,Mikki	Los Angeles	CA
Pais,Dr Maria Luisa	Coimbra	
Park MD,Myoung Hee	Seoul	
Park,Yun Mi	Seoul	
Passey,Ben	Liverpool	
Pellet/Pollock,Gladm	Toronto	ON
Pereira,Noemi Farah	Curitiba Paran	
Permpikul & Vejbaesy	Bangkok	
Phelan,Donna	St Louis	MO
Pidwell/Askar,	Cleveland	OH
Pollack PhD,Marilyn	San Antonio	TX
Rajczy,Dr Katalin	Budapest	
Ray,Bryan	Stamford	CT
Reed PhD,Elaine F.	Los Angeles	CA
Reed PhD,Elaine F.	Los Angeles	CA
Rees,Dr Tracey	Pontyclun Wale	
Reinke MD,Dennis	Bismarck	ND
Reinsmoen PhD,Nancy	Los Angeles	CA
Roberts,Chrissy H.	London England	
Rosen-BronGT,	Washington	DC
Rosen-BronMS,	Hyattsville	MD
Rost & Klein,Drs	Martinsried	
Rubocki PhD,Ronald	Scarborough	ME
Sage,Dr Deborah	London England	
Sauer & Gottwald,	Lich	
Schroeder MD,M.L.	Winnipeg	MB
Scornik,Dr Juan C.	Gainesville	FL
Semana MD PhD,Gilber	Rennes	
Senitzer PhD,David	Duarte	CA
Shai,Isaac	Medunsa 0204	
Sheikh PhD,Maqsood	Springfield	NJ
Sinnott & Gupta,	London	
Smith/MI,	Ann Arbor	MI
Snider PhD,Denis	Buffalo	NY
Spannagl,Dr Michael	Munich	
Sperry PhD,Roxanne	Phoenix	AZ
Stamm,Luz	Calgary	AB
Stastny MD,Peter	Dallas	TX
Stavropoulos,Maria	New Haven	CT
Suciu-Foca PhD,Nicol	New York	NY
Sullivan PhD,Karen	New Orleans	LA
Tagliere,Jacque	Los Angeles	CA
Tavoularis,Dr Sofia	Ottawa	ON
Thoni MD,Deborah	Orlando	FL
Tiercy,Dr Jean-Marie	Geneva 14	
Tilanus,Prof Marcel	Maastricht	
Trachtenberg PhD,Eli	Oakland	CA
Trowsdale,Prof John	Cambridge	
Turner PhD,E.V.	Memphis	TN
Tyan,Dr Dolly	Palo Alto	CA
Uhrberg,Dr Markus	Dusseldorf	

Eckels/CPMC,	San Francisco	CA	McAlack-Balasub,	Philadelphia	PA	Varnavidou-Nico,Dr A	Nicosia	
Eckels/Utah,	Salt Lake City	UT	McCluskey,Prof James	Adelaide		Vidan-Jeras,Blanka	Ljubljana	
Eisenbrey MD,A.Bradl	Ann Arbor	MI	McIntyre PhD,John A.	Beech Grove	IN	Vilches,Dr Carlos	Madrid	
Elkhalifa MD PhD,Moh	Riyadh		Merenmies MD PhD,Jus	Helsinki		Walter Reed Army Med	Washington	DC
Ellis PhD,Thomas	Milwaukee	WI	Meyer,Pieter Wa	Pretoria, Gaut		Wassmuth,Prof Ralf	Dresden	
Endres & Wiltbank,Dr	Tempe	AZ	Moore MD,S.Breanndan	Rochester	MN	Watkins PhD,David I.	Madison	WI
Esteves Kondo,Debra	Canoga Park	CA	Muncher,Dr Liora	Rehovot		Wetmore,Marilyn	Allentown	PA
Esteves-Kondo,Debra	Canoga Park	CA	Muncher_LR,Dr Liora	Rehovot		Wisecarver PhD,James	Omaha	NE
Fernandez-Vina & Can	Houston	TX	Mytilineos MD,Joanni	Ulm		Yu,Dr Neng	Dedham	MA
Fischer,Dr Johannes	Dusseldorf		Nelson PhD,Karen	Seattle	WA	Yu_Neng/UMMMC,	Worcester	MA
Gardiner PhD,Clair M	Dublin		Noreen,Harriet	Minneapolis	MN	Zachary PhD,Andrea	Baltimore	MD
Gautreaux,Dr Michael	Winston-Salem	NC	Norin,Dr Allen	Brooklyn	NY	Zeevi PhD,Adriana	Pittsburgh	PA

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CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0301	*0801			*0201	*0402					RVSSO,SSP
5488	Adams,Sharon	*030101	*0801	*0101	*0202	*020101	*0402	*0401	*0501	*040101		RSSO,SSP,SBT
2300	Allegheny Ge	*03	*08	*+		*02	*04	*04	*05			RVSSO
5133	Baker,Judy	*030101	*080101/0103	*0101/12/13	*0202/23	*020101	*0402					SSP,SBT
105	Ball,Edward	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501	*0401/*2302N/*2402		P-SSP
2020	Barnardo,Mar	*030101	*080101/0103	*0101/03+	*0202/05+	*020101	*0402	*0401-04	*0501	*040101		SBT,P-SSP
774	Cecka,J.Mich	*0301/32/34+	*0801	*0101	*0202/23	*0201/05	*0402					SSP
785	Chan,Soh Ha	*0301/05/06+	*0801/02/06+	*+		*0201/04+	*0402	*0401/02+	*0501/03+			SBT
4492	Charron,D.	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501	*0401		P-SSO,SSP
3224	Chen,Dongfen	*0301	*0801	*0101	*0202	*0201	*0402	*0401/02+	*0501			SBT,RSSO,SSP
8021	Clark,Brenda	*0301	*0801	*01	*0107/*02	*0201	*0402			*0401		P-SSP,SSO-DR
3632	Colombe,Beth	*0301	*0801	*0101	*0202	*0201	*0402					SSP
3904	Cooper,E.Sha	*030101/0102	*080101-0103	*01010201+	*020201/03+	*020101+	*0402					P-SSP
5130	Costeas,Paul	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501			SSP
779	Daniel,Claud	*03(DR17)	*08	*01-*03		*02	*04					P-SSP
5219	Daniel,Dolly	*03	*08	*+		*02	*04					P-SSOP
5323	Dhaliwal,J.S	*03	*0801		*0213	*02	*04					P-SSP
5891	Du,Keming	*0301	*0801			*0201	*0402					P-SBT
856	Dupont,Bo	*0301/08/16+	*0801/17		*02	*0201	*0402/03					SSO
5214	Eckels/CPMC	*03(DR17)	*08	*0101	*0202	*02	*0402	*04	*0501			SSO
3428	Eckels/Utah	*0301	*0801			*0201/05	*0402	*0401/02+	*0501			SSOP
4251	Ellis,Thomas	*0301	*0801	*01	*0202/12	*0201	*0402			*0401	*0401	P-SSO,SEQ
3135	Fischer,John	*0301	*0801	*0101	*0202	*0201	*0402			*0401		P-SSP,SBT
762	Fischer/Mayr	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501			RSSO,LBT,SSP+
8043	Gideoni,Osna	*0301	*0801			*0201	*0402					SSP
9002	Gideoni_LR	*03	*08			*02	*04					SSOP,SSP
910	Hahn,Amy B.	*0301/32/34+	*0801	*0101/12/13	*0202/23	*0201/05	*0402					SSP
4691	Hajeer,Ali	*03	*08	*+		*02	*04					SSO
810	Hamdi,Nuha	*03010101	*080101			*020101	*0402					SSO
4269	Hanau,Daniel	*0301	*0801	*0101	*0202	*0201	*0402			*0401/*2302N/*2402		P-SSP,SBT
1461	Hidajat,M	*0301	*0801	*0101	*0202	*0201	*0402			*0401		SSO,SSP
2344	Hurley/Hartz	*03010101+	*080101/0103			*020101	*0402			*040101		SBT,SSOP
771	Israel,Shosh	*03	*08			*02	*04					
748	Jaramillo,An	*03(DR17)	*08	*+		*02	*04			*04		P-SSP,SSOP
859	Kamoun,Malek	*0301	*0801	*0101	*0202	*0201	*0402	*0401/02+	*0501			P-SSO,SSP
797	Kato,Shunich	*0301	*0801			*0201/02+	*0402					SSO,+SBT-DR
4337	Kim,Tai-Gyu	*0301	*0801			*0201	*0402			*0401		SBT
168	Klein,Tirza	*0301	*0801			*0201	*0402					P-SSP
9000	Klein_LR	*03	*08			*02	*04					P-SSO,SSP
87	Land,Geoffre	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501	*0401	*0401	SSO,SBT,SSP
725	Lardy,N,M.	*03	*08	*+		*02	*04	*0401	*0501			SSO,SSP
278	Lee,Jar-How	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501	*0401		SSP,RVSSOP
640	Lee,Kyung Wh	*0301	*0801			*0201	*0402	*040101	*050101			P-SBT
6649	Lim,Young Ae	*03	*08	*+								P-SSP
274	Lo,Raymundo	*03	*08	*+		*02	*04					SSP
731	Loewenthal,R	*030101	*0801			*0201	*0402					SBT,SSO
759	Lopez-Cepero	*0301/05/06+	*0801/06/16+			*0201/05	*0402	*0401/02+	*0501	*0401	*0401+	RVSSO
23	Mah,Helen	*0301	*0801	*0101	*0202	*0201	*0402	*04	*0501			SSO,SSP
8029	Mani,Rama	*03	*08	*+								P-SSP
9916	McIntyre,Joh	*030101	*0801	*0101/12/13	*0202	*0201	*0402					SSP,SBT
792	Moore,S.Brea	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501			P-SSO,SSP
8042	Muncher,Lior	*0301	*0801			*0201	*0402					
8065	Ona,Enrique	*03(DR17)	*08	*+								SSP
5096	Park,Yun Mi	*03	*08									P-SSO
3648	Pereira,Noem	*030101/42	*0801			*020101	*0402					RVSSO,SBT
3966	Permpikul&Ve	*0301	*0801	*0101	*0202	*0201	*0402					P-SSP
2400	Phelan,Donna	*0301	*0801	*01	*02	*0201	*0402					RSSO,SSP,SBT

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CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB3X	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4689	Rajczy,Katal	*0301	*0801	*0101	*0202	*0201	*0402					P-SSP
3753	Reed,Elaine	*0301	*0801	*0101	*0202	*0201	*0402	*0401/02+	*0501			SBT,SSP,RSSO
3625	Rees,Tracey	*0301	*0801			*0201	*0402	*04	*05	*0401		P-SSP,SBT
3798	Reinsmoen,N	*030101	*0801	*0101	*0202	*0201/05	*0402	*0401	*0501	*0401		SSP,RSSO,SBT
1160	Rosen-BronGT	*03	*08	*01	*02	*0201	*0402					RVSSO,SSP
793	Rubocki,Rona	*03(DR17)	*08	*+		*02	*04					SSP
8001	Sheikh,Maqso	*0301	*0801	*0101	*0202	*0201/05	*0402					
735	Smith/MI	*03(DR17)	*08	*+		*02	*04	*04	*05	*04		SSP,RVSSOP
746	Stamm,Luz	*0301	*0801	*01	*02	*0201	*0402					RVSSO,SSP
13	Tagliere,Jac	*0301	*0801	*0101	*0202	*0201	*0402					SSP
5451	Tilanus,Marc	*030101	*0801	*010102	*020201	*020101	*0402	*040101	*050101	*040101		SBT
4021	Trachtenberg	*03	*08	*+		*0201	*04					RVSSO
5462	Turner,E.V.	*0301	*0801	*0101	*0202	*0201	*0402			*0401		SEQ,SSP,SSO
705	Watkins,Dav	*0301	*0801		*0209/21	*0201	*0402					SSO,SEQ
3511	Zeevi,Adrian	*0301	*0801	*0101	*0202	*0201	*0402	*0401	*0501	*0401		RVSSOP,SSP

CTR	DIRNAME	DR17	DR8	DR52	DQ2	DQ4	OTH1	OTH2
4492	Charron,D.	+	+	+	+	+		
3904	Cooper,E.Sha	DR3	+	+	+	+		
910	Hahn,Amy B.	+	+	+	+	+		
54	McAlack,Robe	+	+	+	+	+		
8004	Pais,Maria L	+	+	+	+	+		
2400	Phelan,Donna	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+		
8063	Shai,Isaac		+	+	+	+	DR18	

B-CELL LINE TER-429 (Caucasian)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*03	36%
DRB1*0301	52%
DRB1*030101	11%
DRB1*03010101	1%
DRB1*03	100% TOTAL
DRB1*08	31%
DRB1*0801	68%
DRB1*080101	1%
DRB1*08	100% TOTAL

53 LABS REPORTING DRB3

DRB3*+	28%
DRB3*0101	49%
DRB3*010102	2%
DRB3*01	17%
DRB3*0202	47%
DRB3*020201	2%
DRB3*0213	2%
DRB3*02	21%

68 LABS REPORTING DQB1

DQB1*02	24%
DQB1*0201/05	9%
DQB1*0201	57%
DQB1*020101	10%
DQB1*02	100% TOTAL
DQB1*04	22%
DQB1*0402	78%
DQB1*04	100% TOTAL

25 LABS REPORTING DQA1

DQA1*04	48%
DQA1*0401	44%
DQA1*040101	8%
DQA1*04	100% TOTAL
DQA1*05	16%
DQA1*0501	76%
DQA1*050101	8%
DQA1*05	100% TOTAL

21 LABS REPORTING DPB1

DPB1*04	10%
DPB1*0401+	9%
DPB1*0401	62%
DPB1*040101	19%

8 SEROLOGY LABS

DR3	13%
DR17	75%
DR18	12%
DR3	100% TOTAL
DR8	100%
DR52	100%

DQ2	100%
DQ4	100%

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CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0701/16/17	*1302			*0202	*0609					RVSSO,SSP
5488	Adams,Sharon	*070101	*130201	*0301	*+	*0202	*0609	*0102	*0201	*0501	*110101	RSSO,SSP,SBT
2300	Allegheny Ge	*07	*13	*+	*+	*02	*06	*01	*02			RVSSO
5133	Baker,Judy	*070101	*130201	*0301	*0301N	*0202	*0609					SSP,SBT
105	Ball,Edward	*0701/16/17	*1302	*0301	*0301N	*0202	*0609	*0102	*0201	*0501	*1101	P-SSP
2020	Barnardo,Mar	*070101	*130201	*0301-03		*0202	*0609	*0102+	*0201	*0501	*110101	SBT,P-SSP
774	Cecka,J.Mich	*0701/13-16	*1302/73	*0301	*0301N	*0202	*0609					SSP
785	Chan,Soh Ha	*070101	*130201	*+	*01	*0202	*0609/18	*0102	*0201			SBT
4492	Charron,D.	*0701/16/17	*1302	*0301	*0301N	*0202/05	*0609	*0102	*0201	*0501	*1101	P-SSO,SSP
3224	Chen,Dongfen	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201			SBT,RSSO,SSP
8021	Clark,Brenda	*0701	*1302	*0204/09/*03		*0202	*0609			*0501	*1101	P-SSP,SSO-DR
3632	Colombe,Beth	*0701	*1302	*0301	*0301N	*0202	*0609					SSP
3904	Cooper,E.Sha	*070101/13+	*130201-0202+	*030101-0103		*0202	*0609					P-SSP
5130	Costeas,Paul	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201			SSP
779	Daniel,Claud	*07	*13	*01-*03		*02	*06					P-SSP
5219	Daniel,Dolly	*07	*13	*+	*+	*02	*06					P-SSOP
5323	Dhaliwal,J.S	*0701/13-16	*1302/73	*0301	*0201N/*0301N	*02	*06					P-SSP
5891	Du,Keming	*0701	*1302/67			*0202	*0609					P-SBT
856	Dupont,Bo	*0701	*1302/36/39+	*0301	*01	*0202	*0609/18					SSO
5214	Eckels/CPMC	*07	*1302	*0301		*02	*06	*0102	*0201			SSO
3428	Eckels/Utah	*0701/16	*1302			*0202	*0609/18	*0102	*0201			SSOP
4251	Ellis,Thomas	*0701	*1302	*0301		*0202	*0609			*0501	*1101	P-SSO,SEQ
3135	Fischer,John	*0701	*1302	*0301	*0301N	*0202	*0609			*0501	*1101	P-SSP,SBT
762	Fischer/Mayr	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201			RSSO,LBT,SSP+
8043	Gideoni,Osna	*0701	*1302			*0202	*0609					SSP
9002	Gideoni_LR	*07	*13			*02	*06					SSOP,SSP
910	Hahn,Amy B.	*0701/13+C69+	*1302/73	*0301	*0301N	*0202	*0609					SSP
4691	Hajeer,Ali	*07	*13	*+	*+	*02	*06					SSO
810	Hamdi,Nuha	*07010101	*130201			*020101	*0609					SSO
4269	Hanau,Daniel	NT										
1461	Hidajat,M.	*0701	*1302	*0301	*0301N	*0202	*0609			*0501	*1101	SSO,SSP
2344	Hurley/Hartz	*07010101+	*130201			*0202	*0609			*050101/0102	*110101	SBT,SSOP
771	Israel,Shosh	*07	*13			*02	*06					
748	Jaramillo,An	*07	*13	*+	*null	*02	*06			*05	*11	P-SSP
859	Kamoun,Malek	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201			P-SSO,SSP
797	Kato,Shunich	*0701	*1302			*0201/02+	*0609/18					SSO,+SBT-DR
4337	Kim,Tai-Gyu	*0701	*1302			*0202	*0609			*0501	*1101	SBT
168	Klein,Tirza	*0701	*1302			*0202	*0609					P-SSP
9000	Klein_LR	*07	*13			*02	*06					P-SSO,SSP
87	Land,Geoffre	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201	*0501	*1101	SSO,SBT,SSP
725	Lardy,N,M.	*07	*13	*+	*0301N	*02	*06	*0102	*0201			SSO,SSP
278	Lee,Jar-How	*0701	*1302	*0301	*0301N	*0202	*0609	*0102	*0201	*0501	*110101	SSP,RVSSOP
640	Lee,Kyung Wh	*0701	*1302			*0202	*0609	*010201	*0201			P-SBT
6649	Lim,Young Ae	*07	*13	*+								P-SSP
274	Lo,Raymundo	*07	*13	*+		*02	*06					SSP
731	Loewenthal,R	*070101	*130201			*0202	*0606/09+					SBT,SSO
759	Lopez-Cepero	*0701/03+	*1302			*0202	*0609/18	*0102	*0201	*0501	*1101	RVSSO
23	Mah,Helen	*0701/16	*1302	*0301	*0301N	*0202	*0609	*0102	*0201			SSO,SSP
8029	Mani,Rama	*13	*13	*+								P-SSP
9916	McIntyre,Joh	*0701	*130201	*0301	*0301N	*0202	*0609					SSP,SBT
792	Moore,S.Brea	*0701	*1302	*0301		*0202	*0609	*0102	*0201			P-SSO,SSP
8042	Muncher,Lior	*0701	*1302			*0202	*0609					
8065	Ona, Enrique	*07	*13	*+								SSP
5096	Park,Yun Mi	*07	*13									P-SSO
3648	Pereira,Noem	*0701	*130201			*0202	*0609					RVSSO,SBT
3966	Permpikul&Ve	*0701	*1302	*0301	*0201N/*0301N	*0202	*0609					P-SSP
2400	Phelan,Donna	*0701	*1302	*03	*0103N	*0202	*0609					RSSO,SSP,SBT

B-CELL LINE TER-430

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4689	Rajczy,Katal	*0701/16/17	*1302	*0301	*0301N	*0202	*0609					P-SSP
3753	Reed,Elaine	*0701	*1302/67	*0301	*0301N	*0202	*0609	*0102	*0201			SBT,SSP,RSSO
3625	Rees,Tracey	*0701	*1302			*0202	*0609	*0102	*0201	*0501	*1101	P-SSP,SBT
3798	Reinsmoen,N	*070101	*130201	*0301	*0301N	*0202	*0609	*0102	*0201	*0501	*1101	SSP,RSSO,SBT
1160	Rosen-BronGT	*0701	*1302	*03	*0301N	*0202	*0609					RVSSO,SSP
793	Rubocki,Rona	*07	*13	*+		*02	*06					SSP
8001	Sheikh,Maqso	*0701/15	*1302	*0301		*0202	*0609					
735	Smith/MI	*07	*13	*+		*02	*06	*01	*02	*05	*11	SSP,RVSSOP
746	Stamm,Luz	*0701	*1302	*03	*0301N	*0202	*0609					RVSSO,SSP
13	Tagliere,Jac	*0701	*1302	*0301	*0301N	*0202	*0609					SSP
5451	Tilanus,Marc	*070101	*130201	*0301		*0202	*0609	*0102	*0201	*0501	*110101	SBT
4021	Trachtenberg	*07	*13	*03	*01/*0201N	*0202	*0609					RVSSO
5462	Turner,E.V.	*0701	*1302/67	*0301	*0301N	*0202	*0609			*0501	*1101	SEQ,SSP,SSO
705	Watkins,Dav	*0701	*1302	*0205/*0301+	*0201N	*0202	*0606/09+					SSO,SEQ
3511	Zeevi,Adrian	*0701	*1302	*0301		*0202	*0609	*0102	*0201	*0501	*1101	RVSSOP,SSP

CTR	DIRNAME	DR7	DR13	DR52	DQ2	DQ6	OTH1	OTH2
4492	Charron,D.	+	+	+	+	DQ1	DR53	
3904	Cooper,E.Sha	+	+	+	+	DQ1		
910	Hahn,Amy B.	+	+	+	+	DQ1		
54	McAlack,Robe	+	+	+	+	+	DR53	
8004	Pais,Maria L	+	+	+	+	+	DR53	
2400	Phelan,Donna	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+		
8063	Shai,Isaac	+	+	+	+	+		

B-CELL LINE TER-430 (Caucasian)

71 DNA LABS

71 LABS REPORTING DRB1

DRB1*07	32%	
DRB1*0701/16/17	5%	
DRB1*0701/06	3%	
DRB1*0701	45%	
DRB1*070101	11%	
DRB1*07010101	2%	
DRB1*07	98%	TOTAL
DRB1*13	35%	
DRB1*1302	49%	
DRB1*130201	16%	
DRB1*13	100%	TOTAL

52 LABS REPORTING DRB3

DRB3*+	29%	
DRB3*0301	61%	
DRB3*03	10%	

52 LABS REPORTING DRB4

DRB4*+	13%	
DRB4*0103N	2%	
DRB4*0201N	2%	
DRB4*0301N	46%	

67 LABS REPORTING DQB1

DQB1*02	24%	
DQB1*020101	1%	
DQB1*0202	75%	
DQB1*02	100%	TOTAL
DQB1*06	24%	
DQB1*0609/18	7%	
DQB1*0609	69%	
DQB1*06	100%	TOTAL

25 LABS REPORTING DQA1

DQA1*01	12%	
DQA1*0102	84%	
DQA1*010201	4%	
DQA1*01	100%	TOTAL
DQA1*02	8%	
DQA1*0201	92%	
DQA1*02	100%	TOTAL

20 LABS REPORTING DPB1

DPB1*05	10%	
DPB1*0501	90%	
DPB1*05	100%	TOTAL
DPB1*11	10%	
DPB1*1101	65%	
DPB1*110101	25%	
DPB1*11	100%	TOTAL

8 SEROLOGY LABS

DR7	100%	
DR13	100%	
DR52	100%	
DQ2	100%	
DQ1	37%	
DQ6	63%	
DQ1	100%	TOTAL

OTHERS

DR53	37%	

	SERUM NO. 1001												SERUM NO. 1002											
	% POS	% 8'S	A 2 6	A 2 5	A 3 4	A 6 6	A 1 1	A 3 3	A 4 3	A 3 2	A 3 1	A 2 9		% POS	% 8'S	A 3 2	A 2 5	A 2 6	A 3 4	A 3 3	A 3 1	A 2 9	A 6 6	A 2	B 3 9	METHOD	
Abbal,Michel	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+		+	B67,B38	( )
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+		+	A80	???	???			+	+				+	+		A68,A69,A3,A36>	(3)
Alvarez & Ca	22	100	+	+	+	+					+			38	100	+	+	+	+		+	+				A68,A11,B38	(3)
Baker,Judy	21	100	+	+	+									81	100	+		+		+				+		A11,A68	(4)
Berka,Noured	12	40	+	+										66	100	+	+	+	+	+	+			+		A74,B27,B44	(4)
Burger,Joe	25	???	+	+	+	+	+	+	+		+	+	A74	58	???	+	+		+	+	+	+	+		+	A68,A74	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+		+	B67,B38	(3)
Cecka,J.Mich	29	100	+	+	+	+				+				84	100	+	+	+	+	+	+	+	+	+		A30	(4)
Choo,Yoon MD	25	0	+	+	+	+								85	40	+		+	+	+		+	+	+		A69,A68	( )
Claas,F.H.J.	34	50	+	+	+	+								97	84											A10,A19	(6)
Cohen,JHM Pr	71	???	+	+	+	+	+	+	+			+		100	???											MULTI	(3)
Cooper,E. Sh	16	0	+	+	+	+								52	9	+	+	+	+	+			+			A11,A68,A74	(4)
Dunckley,Hea	18	50	+	+	+	+								28	83	+	+	+		+	+	+					(1)
Dunk,Arthur	13	100	+	+	+									55	80	+	+	+	+	+	+	+				A74	(6)
Dunn,Dale Dr	15	100	+	+	+									37	100	+	+	+	+	+	+					A74,B38	(4)
Dunn,Paul Dr	29	100	+	+	+	+								67	100	+	+	+	+	+	+	+	+			A68,B38	(2)
Eckels/CPMC,	32	???	+	+	+								A10,A74	93	???											???	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+		???	???								+			A10,A19,A28,B5>	(3)
Gautreaux,Mi	74	???	+	+	+		+	+	+				6601,6602	100	???	+	+			+	+	+		+		6602,6601	( )
Hahn,Amy B.	18	100	+	+	+									80	100									+		A19,A10,A68	(4)
Hamdi,Nuha D	67	100	+	+	+	+	+	+		+			CW5,CX16,B63	98	100									+		CW7,A11,CW4>	(3)
Han,Hoon Dr	47	???	+	+	+	+	+	+					B7	56	???	+	+			+			+		+	B44,B49,B67	(3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+		+	+	+	+	+		+	B67,B38	(3)
Hogan,Patric	25	92	+	+		+								19	100	+	+	+	+				+				(1)
Israel,Shosh	86	???	+	+	+			+	+				6601,6602,B7>	100	???	+				+	+	+			+	A74,A30,B55,B8>	(3)
Klein,Jon MD	64	???	+	+	+	+	+	+			+			98	???											???	(4)
Klein,Tirza	76	100	+	+	+		+	+	+	+			6601,6602,A74	92	100	+	+	+	+	+						6601,6602,A68>	(3)
Lardy,N.M. D	15	100	+	+	+	+								61	100	+	+	+	+	+	+	+	+			A74,A28	(2)
Leech MD,Ste	???	???	+	+	+	+	+		+					???	???	+	+	+		+	+	+		+	+		(3)
MacCann,Eile	96	???	+	+	+	+	+	+	+	+		+	A68	100	???	+	+	+	+	+	+	+	+	+		A68	(3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+			+	B67,B38	(3)
McAlack,Robe	24	100	+	+	+	+	+	+	+		+			65	100	+	+	+	+			+	+		+	B38	(3)
McAlack-Bala	55	100	+	+	+	+	+	+	+			+		98	100	+	+	+	+		+	+	+			B67	(3)
McCluskey,Ja	22	66	+		+	+								55	100	+		+	+				+				(6)
Meyer,Pieter	38	???	+	+	+	+		+		+			B64,A74,B17>	51	???	+	+			+						CX16,B64,B38>	(3)
Moore,S.Brea	???	???	+	+	+	+	+	+	+		+	+		???	???	+	+	+	+		+	+	+		+	B67	( )
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+		+	B67,B38	(3)
Pais,Maria L	14	80	+											22	50	+									+	B57	(1)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+		+	+	+	+		+	B67,B38	(3)
Permpikul &	10	100	+											38	100			+		+					+	B38	(1)
Phelan,Donna	24	???					+						A10	89	???								+			A1,A3,A10,A11>	(6)
Pidwell/Aska	29	100	+	+		+								63	100	+	+	+		+	+	+	+			A74,A68	(2)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+			A69,A23	(3)
Rosen-BronGT	78	100	+	+	+	+	+	+		+	+	+	A30	99	100		+	+	+				+	+		A3,A11,A68,A69>	(3)
Rosen-BronMS	71	???	+	+	+	+	+	+	+	+	+	+		99	???	+	+		+	+	+	+	+		+	B67,B38	(3)
Sage,Deborah	67	???	+	+	+	+	+			+	+	+	A23,A30	45	???									+		A1,A3,A23,A10>	(3)
Sinnott & Gu	???	???	+	+	+		+	+	+	+	+	+	A30	???	???		+	+			+	+		+		A1,A3,A11,A23>	( )
Smith/MI,	86	???	+	+	+	+	+	+		+	+	+	A74	100	???											MULTI	(4)
Suciu-Foca,N	30	67	+	+	+	+							A10	30	56	+	+	+	+				+			A10,B16	(1)
Sullivan,Kar	???	???	+	+			+				+	+	A9,A10,A23,A24>	???	???									+		A1,A3,A10,A11>	(3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+		+	+	+	+	+		+	B67,B38	(3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		A30	???	???	+	+	+	+	+	+	+	+	+		A74	(3)

********** SERUM NO.1001 ********** ********** SERUM NO.1002 **********

*** 52 TYPING LABS ***			*** 52 TYPING LABS ***		
A26	98%	0.942	A32	71%	1.000
A25	92%	0.976	A25	65%	1.000
A34	87%	0.941	A26	62%	0.888
A66	73%	0.967	A34	56%	0.956
A11	58%	1.000	A29	52%	0.938
A33	54%	0.977	A31	52%	0.911
A43	44%	1.000	A33	52%	0.895
A29	40%	1.000	A66	50%	0.973
A31	40%	1.000	A2	33%	0.979
A32	40%	0.939	B39	31%	1.000
A30	10%	1.000	B38	27%	0.905
A74	10%	1.000	A68	25%	0.969
A10	8%	1.000	B67	23%	1.000
6601	6%	1.000	A74	21%	1.000
6602	6%	1.000	A11	19%	0.705
A23	4%	1.000	A10	13%	1.000
B7	4%	1.000	A3	12%	1.000
			A23	12%	1.000
			A19	12%	0.970
			A28	10%	1.000
			A1	8%	1.000
			A36	8%	1.000
			A69	8%	1.000
			A43	6%	1.000
			A30	6%	0.750
			6601	4%	1.000
			6602	4%	1.000
			???	4%	1.000
			A80	4%	1.000
			B16	4%	1.000
			B27	4%	1.000
			B44	4%	1.000
			B53	4%	1.000
			CX16	4%	1.000
			CW7	4%	1.000
			MULTI	4%	1.000

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

*** 52 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: All

******************** SERUM NO. 1001 ******************** ******************** SERUM NO. 1002 ********************

	SERUM NO. 1001 % POS	% 8'S	A26	A66	A25	A34		SERUM NO. 1002 % POS	% 8'S	A32	A26	A25	B39	A66	A34	A33	A10		METHOD
Claas,F.H.J.	34	50	+	+	+	+		97	84								+	A19	(1)
Dunckley,Hea	18	50	+	+	+	+		28	83	+	+	+				+		A29,A31	(1)
Hogan,Patric	25	92	+	+	+			19	100	+	+	+		+	+				(1)
Pais,Maria L	14	80	+					22	50	+			+					B57	(1)
Permpikul &	10	100	+					38	100		+		+			+		B38	(1)
Suciu-Foca,N	30	67	+	+	+	+	A10	30	56	+	+	+		+	+		+	B16	(1)

*********************** SERUM NO.1001 ****************************** *************** SERUM NO.1002 ***************************

SERUM NO.1001: *** 6 TYPING LABS ***

A26	100%	0.932
A66	67%	1.000
A25	67%	0.933
A34	50%	0.833
A10	17%	1.000

SERUM NO.1002: *** 6 TYPING LABS ***

A32	67%	1.000
A26	67%	0.600
A25	50%	1.000
A10	33%	1.000
B39	33%	1.000
A33	33%	0.708
A34	33%	0.667
A66	33%	0.667
B16	17%	1.000
B57	17%	1.000
A19	17%	0.978
B38	17%	0.750
A31	17%	0.500
A29	17%	0.400

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

******************** SERUM NO. 1001 ******************** ******************** SERUM NO. 1002 ********************

	SERUM NO. 1001 % POS	% 8'S	A66	A26	A25	A34	SERUM NO. 1002 % POS	% 8'S	A66	A33	A32	A31	A29	A26	A25	A74	A68	A34		METHOD
Dunn,Paul Dr	29	100	+	+	+	+	67	100	+	+	+	+	+	+	+		+	+	B38	(2)
Lardy,N.M. D	15	100	+	+	+	+	61	100	+	+	+	+	+	+	+	+		+	A28	(2)
Pidwell/Aska	29	100	+	+	+		63	100	+	+	+	+	+	+	+	+	+			(2)

*********************** SERUM NO.1001 ****************************** *************** SERUM NO.1002 ***************************

SERUM NO.1001: *** 3 TYPING LABS ***

A25	100%	1.000
A26	100%	1.000
A66	100%	1.000
A34	67%	1.000

SERUM NO.1002: *** 3 TYPING LABS ***

A25	100%	1.000
A26	100%	1.000
A29	100%	1.000
A32	100%	1.000
A33	100%	1.000
A66	100%	1.000
A31	100%	0.778
A34	67%	1.000
A74	67%	1.000
A68	67%	0.667
A28	33%	1.000
B38	33%	1.000

*** 3 LABORATORIES REPLIED ***

** NEXT SHIPMENT: NOV 10 2009 **

Method: NIH-ext

********** SERUM NO. 1001 ********** ********** SERUM NO. 1002 **********

	% POS	% 8'S	A 2 6	A 2 5	A 3 4	A 1 1	A 3 3	A 6 6	A 4 3	A 3 2	A 2 9	A 3 1		% POS	% 8'S	A 2 5	A 3 2	A 2 9	A 3 4	A 3 1	A 6 6	A 3 3	A 2 6	B 3 9	B 6 7		METHOD
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+		A80	???	???				+		+		+			A2,A68,A69,A3>	(L-3)
Alvarez & Ca	22	100	+	+	+			+				+		38	100	+	+	+	+	+			+			A68,A11,B38	(F-3)
Baker,Judy	25	???	+	+	+			+	+					96	???	+	+	+	+	+	+	+		+	+	B38	(L-3)
Berka,Noured	100	7	+	+	+	+	+	+	+	+		+	B42	100	7	+	+	+		+		+	+			A23,A30,B61>	(L-3)
Burger,Joe	25	???	+	+	+	+	+	+	+		+	+	A74	58	???	+	+	+	+	+	+	+		+		A68,A74	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+		+	+	+	B38	(L-3)
Cecka,J.Mich	73	50	+	+	+	+	+			+	+	+	A23,A30	96	100	+		+		+			+			A1,A2,A3,A11>	(L-3)
Cohen,JHM Pr	71	???	+	+	+	+	+	+	+		+			100	???											MULTI	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+			+	+	B38,A23	(L-3)
Eckels/CPMC,	96	???	+	+	+	+	+			+	+	+	A23,A30	???	???	+		+		+			+			A1,A11,A2,A23>	(LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+		???	???										+	A10,A19,A28,B5>	(L-3)
Hamdi,Nuha D	67	100	+	+	+	+	+	+		+			CW5,CX16,B63	98	100											A2,CW7,A11,CW4>	(L-3)
Han,Hoon Dr	47	???	+	+	+	+	+	+					B7	56	???	+	+			+	+		+	+		B44,B49	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+		+	+	B38	(L-3)
Hogan,Patric	24	???	+	+	+	+	+	+	+		+	+	A74	55	???		+	+	+	+	+	+		+		A74,A68,A2	(L-3)
Israel,Shosh	86	???	+	+	+		+		+				6601,6602,B7>	100	???		+	+		+		+		+		A74,A30,B55,B8>	(L-3)
Klein,Tirza	76	100	+	+	+	+	+		+	+			6601,6602,A74	92	100	+	+		+			+	+			6601,6602,A68>	(L-3)
Leech MD,Ste	???	???	+	+	+	+		+	+					???	???	+	+	+		+		+	+	+		A2	(L-3)
MacCann,Eile	96	???	+	+	+	+	+	+	+	+	+		A68	100	???	+	+	+	+	+	+	+	+			A2,A68	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+		+	+	+	+	B38	(L-3)
McAlack,Robe	24	100	+	+	+	+	+	+	+			+		65	100	+	+	+	+		+		+	+		B38	(L-3)
McAlack-Bala	55	100	+	+	+	+	+	+	+		+			98	100	+	+	+	+	+	+		+		+		(L-3)
McCluskey,Ja	99	???	+	+	+				+				6601,6602,A19	???	???								+			A19,A10	(L-3)
Meyer,Pieter	38	???	+	+	+		+	+		+			B64,A74,B17>	51	???	+	+					+				CX16,B64,B38>	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+		+	+	+	B38	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+		+	+	+	+	+	+	B38	(L-3)
Permpikul &	???	???	+	+	+	+	+	+		+	+	+		???	???	+	+		+			+	+	+		A68,A11,A2,B38	(L-3)
Phelan,Donna	23	???				+	+		+	+	+	+	A10,A30,A28>	65	???											A1,A3,A10,A11>	(L-3)
Pidwell/Aska	83	???	+	+	+	+	+	+	+	+	+		A74	100	???	+	+	+	+		+	+				A69,CW7,A43>	(F-3)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+			A69,A23	(L-3)
Rosen-BronGT	78	100	+	+	+	+	+	+		+	+	+	A30	99	100	+			+		+		+			A2,A3,A11,A68>	(F-3)
Rosen-BronMS	71	???	+	+	+	+	+	+	+	+	+	+		99	???	+	+	+	+	+	+	+		+	+	B38	(LF-3)
Sage,Deborah	67	???	+	+	+	+		+		+	+	+	A23,A30	45	???											A1,A2,A3,A23>	(L-3)
Smith/MI,	71	???	+	+	+	+	+	+	+	+	+	+		100	???	+	+	+	+	+	+	+		+	+	B38	(L-3)
Suciu-Foca,N	100	???	+	+	+	+	+	+	+	+	+		A30	100	???	+	+	+	+	+	+	+		+	+		(L-3)
Sullivan,Kar	???	???	+	+		+					+	+	A9,A10,A23,A24>	???	???											A1,A2,A3,A10>	(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+		+	+	B38	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+		+	A30	???	???	+	+	+	+	+	+	+	+			A74,A2	(L-3)

(3) – L—Luminex, F-Flow

********** SERUM NO.1001 ********** ********** SERUM NO.1002 **********

*** 38 TYPING LABS ***			*** 38 TYPING LABS ***		
A25	97%	1.000	A25	74%	1.000
A26	97%	1.000	A32	71%	1.000
A34	95%	1.000	A29	68%	1.000
A11	87%	0.987	A31	61%	1.000
A33	84%	1.000	A34	61%	1.000
A66	82%	1.000	A33	55%	1.000
A43	74%	1.000	A66	55%	1.000
A32	68%	1.000	A26	50%	1.000
A29	68%	0.958	B39	47%	1.000
A31	63%	0.964	A2	37%	1.000
A30	21%	0.857	B38	37%	1.000
A74	16%	1.000	B67	37%	1.000
A23	11%	0.500	A11	26%	1.000
6601	8%	1.000	A68	24%	1.000
6602	8%	1.000	A23	24%	0.933
A10	5%	1.000	A74	21%	1.000
B7	5%	1.000	A3	18%	1.000
			A10	13%	1.000
			A19	13%	1.000
			A43	13%	1.000
			A1	13%	0.923
			A36	11%	1.000
			A69	11%	1.000
			A30	11%	0.875
			A28	8%	1.000
			CW7	8%	1.000
			A80	5%	1.000
			B53	5%	1.000
			CX16	5%	1.000

*** 38 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Luminex/Flow

********** SERUM NO. 1001 ********** ********** SERUM NO. 1002 **********

	% POS	% 8'S	A 2 6	A 2 5	A 3 4	A 6 6	A 3 2	A 3 1	A 1 1	A 7 4	A 3 3	A 1 0		% POS	% 8'S	A 3 2 6	A 2 6 3	A 3 2 5	A 3 4	A 7 4	A 6 8	A 6 6	A 3 1	A 2		METHOD
Baker,Judy	21	100	+	+	+									81	100	+	+	+			+			+	A11	(4)
Berka,Noured	12	40	+	+										66	100	+	+	+	+	+			+	+	B27,B44	(4)
Cecka,J.Mich	29	100	+	+	+	+	+							84	100	+	+	+	+	+		+	+	+	A29,A30	(4)
Cooper,E. Sh	16	0	+	+	+	+								52	9	+	+	+	+	+	+	+	+		A11	(4)
Dunn,Dale Dr	15	100	+	+	+									37	100	+	+	+	+	+	+		+		B38	(4)
Eckels/CPMC,	32	???	+	+	+					+		+		93	???										???	(4)
Hahn,Amy B.	18	100	+	+	+									80	100						+			+	A19,A10	(4)
Klein,Jon MD	64	???	+	+	+	+		+	+		+			98	???										???	(4)
Mah,Helen	73	100	+	+		+	+	+	+				B38,B55,B56>	77	100	+	+	+	+		+	+	+	+	A29,A30	(4)
Smith/MI,	86	???	+	+	+	+	+	+	+	+	+		A29	100	???										MULTI	(4)
Suciu-Foca,N	32	47	+	+	+	+						+		68	59	+	+		+	+			+		A10,B16,A29	(4)

********** SERUM NO.1001 ********** ********** SERUM NO.1002 **********

*** 11 TYPING LABS ***

A25	100%	0.958
A26	100%	0.953
A34	82%	0.905
A66	55%	0.900
A31	27%	1.000
A11	27%	0.957
A32	27%	0.700
A10	18%	1.000
A74	18%	1.000
A33	18%	0.800
A29	9%	1.000
B38	9%	1.000
B55	9%	1.000
B56	9%	1.000
B57	9%	0.833

*** 11 TYPING LABS ***

A26	64%	1.000
A32	64%	1.000
A25	55%	1.000
A33	55%	0.914
A34	45%	0.923
A31	36%	1.000
A66	36%	1.000
A68	36%	1.000
A74	36%	1.000
A2	36%	0.964
A29	27%	1.000
???	18%	1.000
A10	18%	1.000
A30	18%	0.833
A11	18%	0.480
B16	9%	1.000
B27	9%	1.000
B44	9%	1.000
MULTI	9%	1.000
A19	9%	0.944
B38	9%	0.800

*** 11 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Antiglobulin

********** SERUM NO. 1001 ********** ********** SERUM NO. 1002 **********

	% POS	% 8'S	A 6 6	A 3 4	A 2 6	A 2 5		% POS	% 8'S	A 3 2	A 3 3	A 2 9	A 2 6	A 2 5	A 2 3	A 2	A 1 1		METHOD
Cecka,J.Mich	23	0	+	+	+	+		91	100	+	+	+	+	+	+	+	+	A30,A31	(5)
Hahn,Amy B.	6	0	+	+	+	+		32	???	+	+				+	+	+	A10,A19,A1,A28,B57	(5)
McAlack,Robe	11	100	+	+	+	+	A29,A68,8101,A11	58	100	+		+	+	+				B67,A68,B38,B52	(5)

********** SERUM NO.1001 ********** ********** SERUM NO.1002 **********

*** 3 TYPING LABS ***

A25	100%	1.000
A34	100%	1.000
A66	100%	1.000
A26	100%	0.833
8101	33%	1.000
A29	33%	1.000
A68	33%	1.000
A11	33%	0.500

*** 3 TYPING LABS ***

A32	100%	1.000
A2	67%	1.000
A3	67%	1.000
A25	67%	1.000
A26	67%	1.000
A29	67%	1.000
A11	67%	0.917
A23	67%	0.833
A1	33%	1.000
A10	33%	1.000
A19	33%	1.000
A28	33%	1.000
A31	33%	1.000
A68	33%	1.000
B38	33%	1.000
B52	33%	1.000
B57	33%	1.000
B67	33%	1.000
A30	33%	0.667

*** 3 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Elisa

	SERUM NO. 1003												SERUM NO. 1004											
	% POS	% 8'S	A 2 6	A 2 5	A 1 1	A 6 6	A 3 4	A 2 9	A 4 3	A 1	CX 1 5	CW 2		% POS	% 8'S	A 2 6	A 3 4	A 2 5	A 6 6	B 4 5	B 4 4	A 1	B 7 6	A 4 3	A 1 1		METHOD
Abbal,Michel	???	???	+	+	+	+	+	+	+	+			A80,A36	???	???	+	+	+	+	+	+	+	+	+		B82	( )
Al-Attas,Rab	???	???	+	+	+	+	+		+		+	+		???	???							+			+	A36,A80,A3,A2>	(3)
Alvarez & Ca	34	100	+	+	+		+	+					A33,A31	20	100	+	+	+	+	+	+							(3)
Baker,Judy	17	50	+	+		+								22	50	+	+			+	+							(4)
Berka,Noured	6	0	+	+										23	20	+				+	+							(4)
Burger,Joe	48	???	+	+	+	+	+	+	+				B7,A36,B60	24	???	+	+	+	+	+	+		+	+	+	B82		(3)
Cantwell,Lin	???	???	+	+	+	+	+		+		+	+	CX17,CW5	???	???	+	+	+	+	+	+	+	+	+		B82		(3)
Cecka,J.Mich	36	20	+	+	+	+	+							34	60	+	+	+	+	+	+		+					(4)
Choo,Yoon MD	60	33	+	+	+		+						B52,B51,B46>	43	67	+	+	+	+	+						B46,B51		( )
Claas,F.H.J.	67	8	+	+	+	+	+							96	85											A10,B12		(6)
Cohen,JHM Pr	75	???	+	+	+	+	+	+	+	+				64	???	+	+	+	+	+	+		+	+				(3)
Cooper,E. Sh	14	0	+			+								7	0	+	+		+									(4)
Dunckley,Hea	7	20	+	+										12	25	+	+	+										(1)
Dunk,Arthur	7	60	+											17	0	+	+	+										(6)
Dunn,Dale Dr	7	0	+											3	100		+											(4)
Dunn,Paul Dr	33	80	+	+	+	+	+							27	100	+	+	+	+									(2)
Eckels/CPMC,	25	???	+	+	+		+							48	???	+	+	+		+	+					B12		(4)
Elkhalifa MD	???	???			+			+	+		+	+	A10,A28,CW5>	???	???		+			+	+	+	+	+		A10,A28,A9,B82		(3)
Gautreaux,Mi	94	???	+	+	+		+	+	+				6601,6602	92	???	+	+	+		+	+					6602,6601,B82		( )
Hahn,Amy B.	23	75	+	+	+									30	67					+	+							(4)
Hamdi,Nuha D	82	100	+	+	+	+		+		+			A36,B63,A33>	84	100	+			+	+	+	+				CX15,CW5,CW4>		(3)
Han,Hoon Dr	62	???	+	+	+	+	+						A36,B46,B60	42	???	+	+	+	+	+	+	+			+			(3)
Harville,Ter	???	???	+	+	+	+	+	+	+		+	+	CX17	???	???	+	+	+	+	+	+		+	+	+	B82		(3)
Hogan,Patric	16	50	+			+								4	0	+			+									(1)
Israel,Shosh	76	???			+					+			A68,A2,A69,B57>	84	???	+		+				+		+	+	A36,A23,A3,A29>		(3)
Klein,Jon MD	71	70	+	+	+	+	+						A33,A32,A31	45	0	+	+	+	+	+	+				+	A31		(4)
Klein,Tirza	98	100	+	+	+		+		+				6601,6602,A33>	90	100	+	+	+				+		+	+	6601,6602,A23>		(3)
Lardy,N.M. D	17	33	+	+		+	+							13	67	+		+	+									(2)
Leech MD,Ste	???	???	+			+	+						CW4	???	???	+	+	+	+	+	+		+	+				(3)
MacCann,Eile	100	???	+	+	+	+	+	+	+	+			A30,A33	96	???	+	+	+	+	+	+	+		+	+	A3		(3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+			A36,A80	???	???	+	+	+	+	+	+	+	+	+		B82		(3)
McAlack,Robe	38	100	+	+	+	+	+	+	+	+				33	100	+	+	+	+	+	+		+			B82		(3)
McAlack-Bala	76	100	+	+	+	+	+	+	+	+				98	100	+	+	+	+	+	+		+			B82		(3)
McCluskey,Ja	16	66	+			+								22	66	+	+		+									(6)
Meyer,Pieter	71	???	+		+	+		+		+			CX16,A36,B65>	60	???	+		+	+	+	+	+			+	CX15,B60,B56		(3)
Moore,S.Brea	???	???	+	+	+	+	+		+		+	+	CX17	???	???	+	+	+	+	+	+		+	+		B82		( )
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			A30,A36	???	???	+	+	+	+	+	+	+	+	+		B82		(3)
Pais,Maria L	5	100	+											0	0													(1)
Pereira,Noem	???	???	+	+	+	+	+		+		+	+	CW5,CX18	???	???	+	+	+	+	+	+	+	+	+		B82		(3)
Permpikul &	11	100	+											14	88	+	+											(1)
Phelan,Donna	31	???			+					+			A10	36	???							+			+	A3,A10,A19,A2>		(6)
Pidwell/Aska	23	100	+			+	+							23	100	+	+		+									(2)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+			A30,A80	???	???	+	+	+	+			+		+	+	A3,A24,2403		(3)
Rosen-BronGT	97	100	+	+	+	+	+	+		+			A30,A31,A33	82	100	+	+	+	+	+	+	+		+		A24,A3		(3)
Rosen-BronMS	95	???	+	+	+	+	+	+	+		+	+	CX17	96	???	+	+	+	+	+	+	+	+	+		B82		(3)
Sage,Deborah	83	???			+			+	+		+	+	A10,A80,CW5>	90	???							+			+	A2,A3,A9,A10>		(3)
Sinnott & Gu	???	???	+	+	+			+		+			A2,A3,A30,A31>	???	???	+		+				+			+	A2,A3,A23,A24>		( )
Smith/MI,	59	???	+	+	+	+	+			+				79	???	+	+	+	+	+	+	+	+		+	A3		(4)
Suciu-Foca,N	27	12	+	+		+	+						A10	23	14	+	+	+	+							A10		(1)
Sullivan,Kar	???	???	+	+	+			+		+			BW6,A2,A3,A30>	???	???	+		+				+			+	A2,A9,A10,A23>		(3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+		+	+	CX18	???	???	+	+	+	+	+	+	+	+	+		B82		(3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+			A36,A33	???	???	+	+	+	+		+	+	+		+	A2,A3		(3)

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 52 TYPING LABS ***			*** 52 TYPING LABS ***		
A26	92%	0.922	A26	85%	0.820
A11	73%	0.906	A34	73%	0.934
A25	73%	0.841	A25	69%	0.887
A66	65%	0.944	A66	63%	0.917
A34	63%	0.957	B45	58%	1.000
A29	42%	1.000	B44	58%	0.944
A43	40%	1.000	A1	44%	1.000
A1	33%	1.000	A43	35%	1.000
A33	17%	1.000	B76	35%	1.000
CX15	17%	1.000	A11	31%	1.000
CW2	17%	1.000	B82	27%	1.000
A36	15%	1.000	A3	23%	1.000
A30	13%	1.000	A2	12%	1.000
CX17	12%	1.000	A24	12%	1.000
A31	10%	1.000	A10	12%	0.893
A10	8%	1.000	A23	10%	1.000
A80	8%	1.000	A9	6%	1.000
CW5	8%	1.000	A29	6%	1.000
CX18	8%	1.000	6601	4%	1.000
A2	6%	1.000	6602	4%	1.000
A68	6%	1.000	A30	4%	1.000
A69	6%	1.000	A36	4%	1.000
6601	4%	1.000	A80	4%	1.000
6602	4%	1.000	B12	4%	1.000
A3	4%	1.000	B60	4%	1.000
B46	4%	1.000	CX15	4%	1.000
B60	4%	1.000	A31	4%	0.667
B63	4%	1.000			

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

*** 52 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: All

********** SERUM NO. 1003 ********** ********** SERUM NO. 1004 **********

	% POS	% 8'S	A 2 6	A 6 6	A 2 5	A 3 4		% POS	% 8'S	A 2 3	A 3 4	A 6 6	A 2 5	A 1 0		METHOD
Claas,F.H.J.	67	8	+	+	+	+	A11	96	85					+	B12	(1)
Dunckley,Hea	7	20	+		+			12	25	+	+		+			(1)
Hogan,Patric	16	50	+	+				4	0	+		+				(1)
Pais,Maria L	5	100	+					0	0							(1)
Permpikul &	11	100	+					14	88	+	+					(1)
Suciu-Foca,N	27	12	+	+	+	+	A10	23	14	+	+	+	+	+		(1)

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 6 TYPING LABS ***

A26	100%	0.889
A66	50%	0.889
A25	50%	0.583
A34	33%	1.000
A10	17%	1.000
A11	17%	1.000

*** 6 TYPING LABS ***

A26	67%	0.556
A34	50%	1.000
A10	33%	0.955
A66	33%	0.667
A25	33%	0.429
B12	17%	1.000

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 1003 ********** ********** SERUM NO. 1004 **********

	% POS	% 8'S	A 6 6	A 3 4	A 2 6	A 2 5		% POS	% 8'S	A 6 6	A 2 6	A 3 4	A 2 5		METHOD
Dunn,Paul Dr	33	80	+	+	+	+	A11	27	100	+	+	+	+		(2)
Lardy,N.M. D	17	33	+	+	+	+		13	67	+	+		+		(2)
Pidwell/Aska	23	100	+	+	+			23	100	+	+	+			(2)

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 3 TYPING LABS ***

A26	100%	1.000
A34	100%	1.000
A66	100%	0.800
A25	67%	0.750
A11	33%	1.000

*** 3 TYPING LABS ***

A26	100%	1.000
A66	100%	0.800
A25	67%	1.000
A34	67%	1.000

*** 3 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: NIH-ext

	SERUM NO. 1003												SERUM NO. 1004											
	% POS	% 8'S	A 1	A 2 6	A 2 5	A 3 4	A 6	A 4 3	A 2 9	A 1	CX 1 5	CW 2		% POS	% 8'S	A 2 6	A 2 5	B 4	A 3 4	B 4 5	A 6	A 1	A 4 3	B 7 6	B 8 2		METHOD
Al-Attas,Rab	???	???	+	+	+	+	+	+			+	+		???	???							+			A36,A80,A3,A11>	(L-3)
Alvarez & Ca	34	100	+	+	+	+			+				A33,A31	20	100	+	+	+	+	+	+						(F-3)
Baker,Judy	76	???	+	+	+	+	+	+						95	???	+	+	+	+	+	+	+		+	+	A3	(L-3)
Berka,Noured	100	3	+	+	+	+	+	+		+			B42,B7,B60	96	3	+	+	+	+	+	+	+	+	+		A11	(L-3)
Burger,Joe	48	???	+	+	+	+	+	+	+				B7,A36,B60	24	???	+	+	+	+	+	+		+	+	+	A11	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+			+	+	CX17,CW5	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Cecka,J.Mich	80	56	+	+	+	+			+	+			A30,A31,A33>	84	78	+	+					+				A2,A3,A11,A23>	(L-3)
Cohen,JHM Pr	75	???	+	+	+	+	+	+	+	+				64	???	+	+	+	+	+	+		+	+			(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+		+	+	CX17	???	???	+	+	+	+	+	+		+	+	+	A3	(L-3)
Eckels/CPMC,	???	???	+	+	+	+			+	+			A2,A30,A31,A33	???	???	+	+					+				A11,A2,A23,A24	(LF-3)
Elkhalifa MD	???	???	+					+	+		+	+	A10,A28,CW5>	???	???			+	+	+		+	+	+	+	A10,A28,A9	(L-3)
Hamdi,Nuha D	82	100	+	+	+		+		+	+			A36,B63,A33>	84	100	+		+		+	+	+				CX15,CW5,CW4>	(L-3)
Han,Hoon Dr	62	???	+	+	+	+	+						A36,B46,B60	42	???	+	+	+	+	+	+	+				A11	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+		+	+	CX17	???	???	+	+	+	+	+	+		+	+	+	A11	(L-3)
Hogan,Patric	46	???	+	+	+	+	+	+	+		+		CX18,CW4	24	???	+	+	+	+	+	+		+	+	+	A11	(L-3)
Israel,Shosh	76	???	+							+			A68,A2,A69,B57>	84	???	+	+					+	+			A36,A23,A3,A11>	(L-3)
Klein,Tirza	98	100	+	+	+	+		+					6601,6602,A33>	90	100	+	+		+			+	+			6601,6602,A23>	(L-3)
Leech MD,Ste	???	???		+		+	+						CW4	???	???	+	+	+	+	+	+		+	+			(L-3)
MacCann,Eile	100	???	+	+	+	+	+	+	+	+			A30,A33	96	???	+	+	+	+	+	+	+	+			A11,A3	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+			A36,A80	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
McAlack,Robe	38	100	+	+	+	+	+	+	+	+				33	100	+	+	+	+	+	+			+	+		(L-3)
McAlack-Bala	76	100	+	+	+	+	+	+	+	+				98	100	+	+	+	+	+	+			+	+		(L-3)
McCluskey,Ja	???	???	+	+	+	+		+					6601,6602,A19	???	???	+	+	+	+	+			+			6602,6601	(L-3)
Meyer,Pieter	71	???	+	+			+		+	+			CX16,A36,B65>	60	???	+	+	+		+	+	+				CX15,A11,B60>	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			A30,A36	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+			+	+	CW5,CX18	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Permpikul &	???	???	+	+	+	+	+		+	+			A33,A36	???	???	+	+	+	+	+	+	+				B35,B61,B51	(L-3)
Phelan,Donna	33	???	+					+		+			A10,A19,A36>	29	???								+	+	1CREG,A2,A23>	(L-3)
Pidwell/Aska	100	???	+	+	+	+	+	+		+		+	CX17,A80	86	???	+	+	+	+	+	+	+	+	+		8201	(F-3)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+			A30,A80	???	???	+	+		+		+	+	+			A11,A3,A24>	(L-3)
Rosen-BronGT	97	100	+	+	+	+	+		+	+			A30,A31,A33	82	100	+	+	+	+	+	+	+	+			A24,A3	(F-3)
Rosen-BronMS	95	???	+	+	+	+	+	+	+		+	+	CX17	96	???	+	+	+	+	+	+	+	+	+	+		(LF-3)
Sage,Deborah	83	???	+					+	+		+	+	A10,A80,CW5>	90	???							+				A2,A3,A9,A10>	(L-3)
Smith/MI,	87	???	+	+	+	+	+	+	+		+	+	CX17	84	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Suciu-Foca,N	100	???	+	+	+	+	+	+	+		+	+	CX17	100	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Sullivan,Kar	???	???	+	+	+				+	+			BW6,A2,A3,A30>	???	???	+	+					+				A2,A9,A10,A11>	(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+		+	+	CX18	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+			A36,A33	???	???	+	+	+	+		+	+		+		A11,A2,A3	(L-3)

(3) – L—Luminex, F-Flow

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 38 TYPING LABS ***			*** 38 TYPING LABS ***		
A11	97%	1.000	A26	89%	1.000
A26	89%	1.000	A25	87%	1.000
A25	84%	1.000	A34	76%	1.000
A34	82%	1.000	B44	76%	1.000
A66	74%	1.000	A66	74%	1.000
A43	71%	1.000	B45	74%	1.000
A29	68%	0.944	A1	71%	1.000
A1	50%	0.929	A43	61%	1.000
CX15	32%	1.000	B76	58%	1.000
CW2	32%	1.000	B82	45%	1.000
A33	26%	1.000	A11	42%	1.000
A36	26%	1.000	A3	34%	0.962
CX17	24%	1.000	A2	18%	0.909
A30	21%	0.952	A24	18%	0.867
A31	13%	1.000	A23	18%	0.727
A80	13%	1.000	A9	8%	1.000
CX18	13%	1.000	A29	8%	1.000
CW5	11%	1.000	A30	8%	1.000
A2	8%	1.000	A10	8%	0.600
A10	8%	1.000	6601	5%	1.000
B60	8%	1.000	6602	5%	1.000
6601	5%	1.000	A31	5%	1.000
6602	5%	1.000	A36	5%	1.000
A19	5%	1.000	A69	5%	1.000
A68	5%	1.000	A80	5%	1.000
A69	5%	1.000	B60	5%	1.000
B7	5%	1.000	CX15	5%	1.000
B42	5%	1.000	B61	5%	0.833
B63	5%	1.000			
CW4	5%	1.000			

*** 38 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Luminex/Flow

********** SERUM NO. 1003 ********** ********** SERUM NO. 1004 **********

	% POS	% 8'S	A 2 6	A 2 5	A 6 6	A 1 1	A 3 4		% POS	% 8'S	A 2 6	B 4 5	B 4 4	A 3 4	A 6 6	A 2 5	B 7 6	B 2 1	A 1 1		METHOD
Baker,Judy	17	50	+	+	+				22	50	+	+	+	+							(4)
Berka,Noured	6	0	+	+					23	20	+	+	+								(4)
Cecka,J.Mich	36	20	+	+	+	+	+		34	60	+	+	+	+	+	+	+				(4)
Cooper,E. Sh	14	0	+		+				7	0	+			+	+						(4)
Dunn,Dale Dr	7	0	+						3	100				+							(4)
Eckels/CPMC,	25	???	+	+		+	+		48	???	+	+	+	+		+		+			(4)
Hahn,Amy B.	23	75	+	+		+			30	67		+	+								(4)
Klein,Jon MD	71	70	+	+	+	+	+	A33,A32,A31	45	0	+	+	+	+	+	+			+	A31	(4)
Mah,Helen	16	88	+		+				11	0	+				+	+					(4)
Smith/MI,	59	???	+	+	+	+	+	A1	79	???	+	+	+	+	+	+	+		+	A1,A3	(4)
Suciu-Foca,N	33	30	+	+	+	+	+	A10	37	32	+	+	+	+	+	+		+		A10	(4)

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 11 TYPING LABS ***

A26	100%	0.905
A25	73%	0.733
A66	64%	0.818
A11	55%	0.778
A34	45%	0.800
A1	9%	1.000
A10	9%	1.000
A31	9%	1.000
A33	9%	1.000
A32	9%	0.667

*** 11 TYPING LABS ***

A26	82%	0.657
B45	73%	1.000
B44	73%	0.900
A34	73%	0.800
A66	55%	0.800
A25	55%	0.727
A11	18%	1.000
B12	18%	1.000
B76	18%	1.000
A1	9%	1.000
A3	9%	1.000
A10	9%	1.000
A31	9%	0.500

*** 11 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Antiglobulin

********** SERUM NO. 1003 ********** ********** SERUM NO. 1004 **********

	% POS	% 8'S	A 6 6	A 3 4	A 2 6	A 2 5	A 1 1		% POS	% 8'S	B 4 5	B 4 4	A 6 6	A 3 4	A 2 6	A 2 5	A 1		METHOD
Cecka,J.Mich	39	0	+	+	+	+	+	A29	29	33	+	+	+	+	+	+		B76	(5)
Hahn,Amy B.	6	0	+	+	+	+	+	A1	12	???	+	+	+	+	+	+	+	A23,A11,A2	(5)
McAlack,Robe	9	0	+	+	+	+	+	8101	15	100	+	+	+	+	+	+	+	A68	(5)

********** SERUM NO.1003 ********** ********** SERUM NO.1004 **********

*** 3 TYPING LABS ***

A25	100%	1.000
A34	100%	1.000
A66	100%	1.000
A11	100%	0.857
A26	100%	0.833
8101	33%	1.000
A1	33%	1.000
A29	33%	0.600

*** 3 TYPING LABS ***

A25	100%	1.000
A34	100%	1.000
A66	100%	1.000
B44	100%	1.000
B45	100%	1.000
A26	100%	0.833
A1	67%	1.000
A2	33%	1.000
A11	33%	1.000
A23	33%	1.000
A68	33%	1.000
B76	33%	1.000

*** 3 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 10 2009 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #461 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*2423	*15	*51	*030301/20N	*030401	RSSO,SSP,SBT
8062	Al-Attas,Rab	*02	*24	*15	*51	*03		RVSSO
2300	Allegheny Ge	*02	*24	*15	*51	*03	*03	RVSSO
745	Anthony Nola	*0201/01L	*2423	*1501	*5101	*030301	*030401	SSO,SSP,SBT
5133	Baker,Judy	*0201	*2423	*1501	*5101	*0303	*0304	SSP,SBT
2020	Barnardo,Mar	*02010101/010102L	*2423	*15010101	*510101	*030301	*030401/0403	SBT,PCR-SSP
4345	Blasczyk,Rai	*0201/01L/09/43N+	*2423	*1501/01N/*9502+	*5101/11N/30/32+	*0303/20N	*0304	
5106	Brown,Colin	*0201	*2423	*1501	*5101	*0303	*0304	P-RVSSOP,SBT
785	Chan,Soh Ha	*02	*24	*15/*35	*51/*52/*78	*0303/20N	*0304	SBT
3224	Chen,Dongfen	*0201	*2423	*1501	*5101	*0303	*0304	SBT,RSSO,SSP
8021	Clark,Brenda	*020101-0104/0106+	*2402/03/07+	*150101-0104/0106+	*510101-0103/0105+	*0303/11-13+	*0302/0401+	PCR-SSP
5219	Daniel,Dolly	*02	*24	*15	*51			PCR-SSOP
1108	Davis,Mary	*0201	*2423	*1501	*5101	*0303	*0304	SSO,SSP
5323	Dhaliwal,J.	*02	*24	*15	*51	*03	*03	PCR-SSP
5891	Du,Keming	*0201	*2423	*1501/04/38	*5101/06/02	*0303/04	*0304/20N	PCR-SBT
3186	Dunckley,Hea	*02	*24	*1501/04/30/38/63	*51	*0303/11-13/18+	*0304-06/08+	SSP+SBT-B
3766	Dunn,Paul	*02	*2403/23/33/75	*15	*51	*03		PCR-SSP,SSO
3428	Eckels/Utah	*02	*24	*15	*51			SSOP
4251	Ellis,Thomas	*0201	*2423	*1501	*5101	*0303/20N	*0304	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2423	*1501/*9502/04/40+	*5101	*0303	*0304	RSSO,SSP,SBT
3135	Fischer,John	*0201/01L	*2423	*1501	*5101	*0303	*0304	SBT,PCR-SSO
810	Hamdi,Nuha	*02010101	*240301	*15010101	*510101	*030301	*030301	SSO
5803	Henrico's Do	*02	*24	*15(B62)	*52	*03	*03	SSP
1461	Hidajat,Mela	*0201	*2423	*1501	*5101	*0303	*0304	SSO,SSP
615	Holdsworth,R	*02	*24	*15	*51			SSP
2344	Hurley&Hartz	*02010101/010102L+	*2423	*15010101/010102N+	*510101/0105/0107+	*030301/20N	*030401/0403	SBT,SSOP
797	Kato,Shunich	*0201	*2423	*1501/04/30+	*5101/06/37	*0303/04/20N		SSO,SBT
2847	Kihara,Masaa	*02	*24	*15	*51	*03	*03	RVSSO
87	Land,Geoff	*0201	*2423	*1501	*5101	*0303	*0304	SSP,SBT,SSO
278	Lee,Jar-How	*0201	*2423	*1501	*5101	*0303	*0304	SSP,RVSSOP
640	Lee,Kyung Wh	*0201	*2423	*1501	*5101	*0303/20N	*0304	PCR-SBT
9916	McIntyre,Joh	*0201	*2423	*15010101	*510101	*0303	*0304/57	SSP,SBT
8042	Muncher,Lior	*0201	*2423	*1501	*5101	*0303	*0304	
733	Mytilineos,J	*02	*24	*15	*51	*03		
8065	Ona,Enrique	*02	*24	*15(B62)	*51			SSP
5096	Park,Yun Mi	*02	*24	*15	*51			PCR-SSO
3648	Pereira,Noem	*0201/01L	*2423	*1501	*5101	*0303/20N	*0304	SBT,SSP,RSSO
3966	Permpikul&Ve	*0201	*24	*15	*51	*0303	*0304	PCR-SSP
2400	Phelan,Donna	*0201	*2433	*1501	*5101	*0303	*0304	RSSO,SSP,SBT
3753	Reed,Elaine	*0201	*2423	*1501	*5101	*0303/20N	*0304	SBT
3625	Rees,Tracey	*02	*2423	*15(B62)	*51	*0303	*0304	PCR-SSP,SBT
3798	Reinsmoen,N	*0201/01L	*2423	*150101/01N	*510101	*030301/20N	*030401	SSP,RSSO,SBT
1694	Sauer&Gottwa	*02	*24	*15	*51	*03		SSP
3545	Scornik,Juan	*0201	*2423	*1501	*5101	*0303/20N	*0304	RVSSOP,SBT
735	Smith/MI	*02	*24	*15(B62)	*51	*03(Cw9)	*03(Cw10)	
746	Stamm,Luz	*0201	*2423	*1501	*5101	*0303	*0304	RVSSO,SSP
13	Tagliere,Jac	*0201	*2423	*1501	*5101	*0303	*0304	SSP
4021	Trachtenberg	*02	*24	*15	*51	*03		RVSSO,SSP
5462	Turner,E.V.	*02010101/010102L	*2423	*15010101/010102N	*5101	*0303	*0304	SEQ,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #462 (Japn/Blck) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*240201/07	*680201/31	*4703	*520101/07	*07	*1202/08	RSSO,SSP,SBT
8062	Al-Attas,Rab	*24	*68	*47	*52	*07	*12	RVSSO
2300	Allegheny Ge	*24	*68	*47	*52	*07	*12	RVSSO
745	Anthony Nola	*24020101	*680201	*4703	*520101	*0718	*120202	SSO,SSP,SBT
5133	Baker,Judy	*2402	*6802	*4703	*5201/07	*0701	*1202	SSP,SBT
2020	Barnardo,Mar	*24020101	*68020101	*4703	*520101	*0701/06/18/22+	*1202/08/18	SBT,PCR-SSP
4345	Blasczyk,Rai	*2402/02L/09N/11N+	*6802	*4703	*5201/07	*0701/06/18/52	*1202	
5106	Brown,Colin	*2402	*6802	*4703	*5201/07	*07	*1202/08/18	P-RVSSOP,SBT
785	Chan,Soh Ha	*24	*6802/31	*4703	*5201/07	*0701/06/18/22+	*1202/08/18	SBT
3224	Chen,Dongfen	*2402	*6802	*4703	*5201/07	*0701/06/18	*1202	SBT,RSSO,SSP
8021	Clark,Brenda	*2492/03/07+	*6801/02/06+	*4702/03	*5201/03-05+	*0701/06/07+	*1202/08/10+	PCR-SSP
5219	Daniel,Dolly	*24	*68	*47	*52			PCR-SSOP
1108	Davis,Mary	*2402	*6802	*4703	*5201	*0718	*1202	SSO,SSP
5323	Dhaliwal,J.	*24	*68	*47	*52	*07	*12	PCR-SSP
5891	Du,Keming	*2402/07	*6802/31	*4703	*5201/07	*0701/06/18	*1202	PCR-SBT
3186	Dunckley,Hea	*24	*68	*47	*52	*07	*12	SSP
3766	Dunn,Paul	*24	*68	*4702	*5201/07/13	*07	*12	PCR-SSP,SSO
3428	Eckels/Utah	*24	*6802/34	*4703	*5201/07/13			SSOP
4251	Ellis,Thomas	*2402	*6802	*4703	*5201/07	*0701/06/18	*1202	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*6802	*4703	*5201/07	*0701/06/18/52	*1202	RSSO,SSP,SBT
3135	Fischer,John	*2402	*6802	*4703	*5201	*0701/06/18	*1202	SBT,PCR-SSO
810	Hamdi,Nuha	*24020101	*68020101	*4702	*520101	*070101	*120201	SSO
5803	Henrico's Do	*24	*68	*47	*52	*07	*12	SSP
1461	Hidajat,Mela	*2402	*6802	*4701	*5201	*0718	*1202	SSO,SSP
615	Holdsworth,R	*24	*68	*47	*52			SSP
2344	Hurley&Hartz	*24020101/020102L+	*68020101-020103	*4703	*520101/07	*070101/0102+	*120201/0202	SBT,SSOP
797	Kato,Shunich	*2402/07	*6802/31	*4703	*5201/07	*0701/06/18+	*1202/08	SSO,SBT
2847	Kihara,Masaa	*24	*68	*47	*52	*07	*12	RVSSO
87	Land,Geoff	*2402	*6802	*4703	*5201	*0718	*1202	SSP,SBT,SSO
278	Lee,Jar-How	*2402	*6802	*4703	*5201	*0701/18	*1202	SSP,RVSSOP
640	Lee,Kyung Wh	*2402/07	*6802/31	*4703	*5201	*0701/18/22/27+	*1202/08/18	PCR-SBT
9916	McIntyre,Joh	*24020101	*680201	*4703	*5201/07	*0701/18	*1202	SSP,SBT
8042	Muncher,Lior	*2402	*6802	*4703	*5201	*0718	*1202	
733	Mytilineos,J	*24	*68	*47	*52	*07	*12	
8065	Ona,Enrique	*24	*68	*4703	*52			SSP
5096	Park,Yun Mi	*24	*68	*47	*52			PCR-SSO
3648	Pereira,Noem	*2402	*6802	*4703	*5201/07	*0701g//*0727	*1202//*1208	SBT,SSP,RSSO
3966	Permpikul&Ve	*24	*68	*47	*52	*0701/06	*1202	PCR-SSP
2400	Phelan,Donna	*2402	*6802	*4703	*5201/07	*0718	*1202	RSSO,SSP,SBT
3753	Reed,Elaine	*2402/07	*6802/31	*4703	*5201/07	*0701/06/18/22+	*1202/08/18	SBT
3625	Rees,Tracey	*24	*68	*4703	*52	*0718	*1202	PCR-SSP,SBT
3798	Reinsmoen,N	*240201/01L	*680201	*4703	*520101/07	*0701/18	*120202	SSP,RSSO,SBT
1694	Sauer&Gottwa	*24	*68	*47	*52	*07	*12	SSP
3545	Scornik,Juan	*2402	*6802	*4703	*5201/07	*0701/06/18	*1202	RVSSOP,SBT
735	Smith/MI	*24	*68	*47	*52	*07	*12	
746	Stamm,Luz	*2402	*6802	*4703	*5201	*0718	*1202	RVSSO,SSP
13	Tagliere,Jac	*2402	*6802	*4702	*5201	*0718	*1202	SSP
4021	Trachtenberg	*24	*68	*4703	*52	*07	*12	RVSSO,SSP
5462	Turner,E.V.	*24020101/020102L	*6802	*4703	*520101/07	*0718	*1202	SEQ,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #463 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*0305	*140201	*440201/19N	*050101	*0802	RSSO,SSP,SBT
8062	Al-Attas,Rab	*02	*03	*14	*44	*05	*08	RVSSO
2300	Allegheny Ge	*02	*03	*14	*44	*05	*08	RVSSO
745	Anthony Nola	*0201/01L	*0305	*140201	*44020101	*050101	*0802	SSO,SSP,SBT
5133	Baker,Judy	*0201	*0305	*1402	*4402	*0501/03	*0802	SSP,SBT
2020	Barnardo,Mar	*02010101/010102L	*0305	*140201	*44020101	*0501/03	*0802	SBT,PCR-SSP
4345	Blasczyk,Rai	*0201/01L/09/43N+	*0305	*1402	*4402/02S/19N/27	*0501/03	*0802	
5106	Brown,Colin	*0201	*0305	*1402	*44	*05	*08	P-RVSSOP,SBT
785	Chan,Soh Ha	*02	*0305	*1402	*4402/19N/27	*0501/03	*0802	SBT
3224	Chen,Dongfen	*02	*0305	*1402	*4402/66	*0501/03	*0802	SBT,RSSO,SSP
8021	Clark,Brenda	*020101-0104/0106+	*0305/06/08+	*1402-04/09+	*4402/11/19N+	*0501/03-07+	*0801-05+	PCR-SSP
5219	Daniel,Dolly	*02	*03	*14	*44			PCR-SSOP
1108	Davis,Mary	*0201	*0305	*1402	*4402	*0501	*0802	SSO,SSP
5323	Dhaliwal,J.	*02	*03	*14(B65)	*44	*05	*08	PCR-SSP
5891	Du,Keming	*0201	*0305	*1402	*4402/19N	*0501	*0802	PCR-SBT
3186	Dunckley,Hea	*02	*03	*1402/03/09	*44	*05	*08	SSP
3766	Dunn,Paul	*02	*0305/40	*1402/09	*44	*05	*08	PCR-SSP,SSO
3428	Eckels/Utah	*02	*0305/40	*1402/09	*4402/02S/22/27/63			SSOP
4251	Ellis,Thomas	*0201	*0305	*1402	*4402/19N	*0501	*0802	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*0305	*1402	*4402/27/66	*0501/03	*0802	RSSO,SSP,SBT
3135	Fischer,John	*0201/01L	*0305	*1402	*4402/02S/19N	*0501	*0802	SBT,PCR-SSO
810	Hamdi,Nuha	*02010101	*0305	*140201	*44020101	*05010101	*0520	SSO
5803	Henrico's Do	*02	*03	*14(B65)	*44	*05	*08	SSP
1461	Hidajat,Mela	*0201	*0305	*1402	*4402	*0501	*0802	SSO,SSP
615	Holdsworth,R	*02	*03	*14	*44			SSP
2344	Hurley&Hartz	*02010101-010103+	*0305	*140201	*44020101/020102S+	*05010101+	*0802	SBT,SSOP
797	Kato,Shunich	*0201	*0305	*1402	*4402/19N	*0501	*0802	SSO,SBT
2847	Kihara,Masaa	*02	*03	*14	*44	*05	*08	RVSSO
87	Land,Geoff	*0201	*0305	*1402	*4402	*0501	*0802	SSP,SBT,SSO
278	Lee,Jar-How	*0201	*0305	*1402	*4402	*0501	*0802	SSP,RVSSOP
640	Lee,Kyung Wh	*0201	*0305	*1402	*4402/19N	*0501/03	*0802	PCR-SBT
9916	McIntyre,Joh	*020101	*0305	*140201	*440201	*0501/18/19/21+	*0802/17/19+	SSP,SBT
8042	Muncher,Lior	*0201	*0305	*1402	*4402	*0501	*0802	
733	Mytilineos,J	*02	*03	*14	*44	*05	*08	
8065	Ona,Enrique	*02	*03	*14(B65)	*44			SSP
5096	Park,Yun Mi	*02	*03	*14	*44			PCR-SSO
3648	Pereira,Noem	*0201/01L	*0305	*1402/09	*4402/02S/19N/22+	*0501	*0802	SBT,SSP,RSSO
3966	Permpikul&Ve	*0201	*03	*14	*44	*0501	*0802	PCR-SSP
2400	Phelan,Donna	*0201	*0305	*1402	*4402/19N	*0501	*0802	RSSO,SSP,SBT
3753	Reed,Elaine	*0201	*0305	*1402	*4402/19N	*0501	*0802	SBT
3625	Rees,Tracey	*02	*03	*14(B65)	*44	*0501	*0802	PCR-SSP,SBT
3798	Reinsmoen,N	*0201/01L/89	*0305	*140201	*4402/02S/19N/27+	*0501/03	*0802	SSP,RSSO,SBT
1694	Sauer&Gottwa	*02	*03	*14	*44	*05	*08	SSP
3545	Scornik,Juan	*0201	*0305	*1402	*4402/19N	*0501	*0802	RVSSOP,SBT
735	Smith/MI	*02	*03	*14(B65)	*44	*05	*08	
746	Stamm,Luz	*0201	*0305	*1402	*4402	*0501	*0802	RVSSO,SSP
13	Tagliere,Jac	*0201	*0305	*1402	*4402	*0501	*0802	SSP
4021	Trachtenberg	*02	*03	*1402/04	*44	*05	*08	RVSSO,SSP
5462	Turner,E.V.	*02010101/010102L	*0305	*1402	*4402	*0501	*0802	SEQ,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #464 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*0201	*2402	*4001	*5101	*0307	*150201	RSSO,SSP,SBT
8062	Al-Attas,Rab	*02	*24	*40	*51	*03	*15	RVSSO
2300	Allegheny Ge	*02	*24	*40	*51	*03	*15	RVSSO
745	Anthony Nola	*0201/01L	*2402	*4001	*5101	*0307	*150201	SSO,SSP,SBT
5133	Baker,Judy	*0201	*2402	*4001//*4007	*5101//*5107	*0307	*1502/13	SSP,SBT
2020	Barnardo,Mar	*02010101/010102L	*24020101	*400101/0102	*510101	*0307	*150201/13	SBT,PCR-SSP
4345	Blasczyk,Rai	*0201/01L/09/43N+	*2402/02L/09N/11N+	*4001/55	*5101/11N/30/32+	*0307	*1502/13	
5106	Brown,Colin	*0201/12/36	*2402/03/13/33	*4001	*5101	*0307	*1502	P-RVSSOP,SBT
785	Chan,Soh Ha	*02	*24	*4001/07/25/55/63	*51/*52	*0307	*1502/13	SBT
3224	Chen,Dongfen	*0201	*2402	*4001	*5101	*0307	*1502	SBT,RSSO,SSP
8021	Clark,Brenda	*020101-0104/0106+	*2402/03/07+	*400101-0105/22N+	*510101-0103/0105+	*0307	*1502-06+	PCR-SSP
5219	Daniel,Dolly	*02	*24	*40	*51/*52			PCR-SSOP
1108	Davis,Mary	*0201	*2402	*4001	*5101	*0307	*1502	SSO,SSP
5323	Dhaliwal,J.	*02	*24	*40	*51	*03	*15	PCR-SSP
5891	Du,Keming	*0201	*2402	*4001	*5101	*0307	*1502	PCR-SBT
3186	Dunckley,Hea	*02	*24	*4001/22N/30/34+	*51	*05	*15	SSP
3766	Dunn,Paul	*02	*24	*40	*51	*0307	*1502	PCR-SSP,SSO
3428	Eckels/Utah	*02	*24	*4001/38/55/81/87	*5101/11N/30/32+			SSOP
4251	Ellis,Thomas	*0201	*2402	*4001	*5101	*0307	*1502	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2402	*4001/55	*5101	*0307	*1502/13	RSSO,SSP,SBT
3135	Fischer,John	*0201/01L	*2402	*4001	*5101	*0307	*1502	SBT,PCR-SSO
810	Hamdi,Nuha	*02010101	*24020101	*400101	*510101	*0307	*150201	SSO
5803	Henrico's Do	*02	*24	*40(B60)	*51	*03	*15	SSP
1461	Hidajat,Mela	*0201	*2402	*4001	*5101	*0307	*1502	SSO,SSP
615	Holdsworth,R	*02	*24	*40	*51			SSP
2344	Hurley&Hartz	*02010101/010202L+	*24020101/020102L+	*400101/0102/55	*510101/0105/0107+	*0307	*150201/13	SBT,SSOP
797	Kato,Shunich	*0201/12/36+	*2402/03/13+	*4001	*5101	*0307	*1502	SSO,SBT
2847	Kihara,Masaa	*02	*24	*40	*51	*03	*15	RVSSO
87	Land,Geoff	*0201	*2402	*4001	*5101	*0307	*1502	SSP,SBT,SSO
278	Lee,Jar-How	*0201	*2402	*4001	*5101	*0307	*1502	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/04/12/36/70+	*2402/03/13/14/28+	*4001	*5101	*0307	*1502/13	PCR-SBT
9916	McIntyre,Joh	*020101	*24020101	*4001	*510101	*0307	*1502	SSP.SBT
8042	Muncher,Lior	*0201	*2402	*4001	*5101	*0307	*1502	
733	Mytilineos,J	*02	*24	*40	*51	*03	*15	
8065	Ona,Enrique	*02	*24	*40(B60)	*51			SSP
5096	Park,Yun Mi	*02	*24	*40	*51			PCR-SSO
3648	Pereira,Noem	*0201/01L	*2402	*4001	*5101	*0307	*1502	SBT,SSP,RSSO
3966	Permpikul&Ve	*0201	*24	*40	*51	*03	*1502	PCR-SSP
2400	Phelan,Donna	*0201	*2402	*4001	*5101	*0307	*1502	RSSO,SSP,SBT
3753	Reed,Elaine	*0201/04/12/36/58+	*2402/03/13/33/52+	*4001	*5101	*0307	*1502	SBT
3625	Rees,Tracey	*02	*24	*40(B60)	*51	*0307	*1502/13	PCR-SSP,SBT
3798	Reinsmoen,N	*020101/01L	*240201/01L	*4001	*510101	*0307	*150201	SSP,RSSO,SBT
1694	Sauer&Gottwa	*02	*24	*40	*51	*03	*15	SSP
3545	Scornik,Juan	*0201	*2402	*4001	*5101	*0307	*1502	RVSSOP,SBT
735	Smith/MI	*02	*24	*40(B60)	*51	*03	*15	
746	Stamm,Luz	*0201	*2402	*4001	*5101	*0307	*1502	RVSSO,SSP
13	Tagliere,Jac	*0201	*2402	*4001	*5101	*0307	*1502	SSP
4021	Trachtenberg	*02	*24	*40	*51	*03	*15	RVSSO,SSP
5462	Turner,E.V.	*02010101/010102L	*24020101/020102L	*4001	*5101	*0307	*1502	SEQ,SSO,SSP

SUMMARY

Extract 461

49 labs

A*02	43%
A*0201	49%
A*020101	6%
A*02010101	2%
A*02	100% TOTAL
A*24	39%
A*240301	2%
A*2423	57%
A*2433	2%
A*24	100% TOTAL

49 labs

B*15	51%
B*1501	37%
B*150101	4%
B*15010101	6%
B*15	98% TOTAL
B*51	47%
B*5101	41%
B*510101	8%
B*51	96% TOTAL

44 labs

Cw*03	32%
Cw*0303/20N	16%
Cw*030301/20N	7%
Cw*0303	38%
Cw*030301	7%
Cw*03	100% TOTAL
Cw*03	34%
Cw*0304	57%
Cw*030401	7%
Cw*03	98% TOTAL

Extract 462 (Japanese/Black)

49 labs

A*24	45%
A*2402/07	10%
A*2402	33%
A*240201	4%
A*24020101	8%
A*24	100% TOTAL
A*68	39%
A*6802/31	12%
A*6802	37%
A*680201	8%
A*68020101	4%
A*68	100% TOTAL

49 labs

B*47	29%
B*4701	2%
B*4702	6%
B*4703	63%
B*47	100% TOTAL
B*52	39%
B*5201/07	29%
B*520101/07	8%
B*5201	18%
B*520101	6%
B*52	100% TOTAL

44 labs

Cw*07	52%
Cw*0701/06/18	12%
Cw*0701/06	2%
Cw*0701/18	7%
Cw*0701	2%
Cw*070101	2%
Cw*0718	23%
Cw*07	100% TOTAL
Cw*12	29%
Cw*1202/08/18	11%
Cw*1202/08	5%
Cw*1202	48%
Cw*120201	2%
Cw*120202	5%
Cw*12	100% TOTAL

Extract 463 (Caucasian)

49 labs

A*02	47%
A*0201	43%
A*020101	8%
A*02010101	2%
A*02	100% TOTAL
A*03	39%
A*0305	61%
A*03	100% TOTAL

49 labs

B*14	41%
B*1402	45%
B*140201	14%
B*14	100% TOTAL
B*44	55%
B*4402/19N	16%
B*440201/19N	2%
B*4402	19%
B*440201	2%
B*44020101	6%
B*44	100% TOTAL

44 labs

Cw*05	32%
Cw*0501/03	20%
Cw*0501	41%
Cw*050101	5%
Cw*05010101	2%
Cw*05	100% TOTAL
Cw*08	32%
Cw*0802	66%
Cw*08	98% TOTAL

Extract 464 (Caucasian)

49 labs

A*02	51%
A*0201	39%
A*020101	8%
A*02010101	2%
A*02	100% TOTAL
A*24	53%
A*2402	37%
A*240201	4%
A*24020101	6%
A*24	100% TOTAL

49 labs

B*40	49%
B*4001	49%
B*400101	2%
B*40	100% TOTAL
B*51	43%
B*5101	45%
B*510101	8%
B*51	96% TOTAL

44 labs

Cw*03	23%
Cw*0307	75%
Cw*03	98% TOTAL
Cw*15	25%
Cw*1502/13	14%
Cw*150201/13	4%
Cw*1502	48%
Cw*150201	9%
Cw*15	100% TOTAL

CTR	INVESTIGATOR NAME	CELL NO.1373 (Hispanic) A1	A2	B1	B2	C1	C2	method
8062	Al-Attas,Rab	*02	*24	*39	*41	*07	*17	RVSSO
745	Anthony Nola	*0201	*2402	*3924	*4101	*0701	*1701	SSO,SSP,SBT
2020	Barnardo,Mar	*02010101/010102L	*24020101	*3924	*4101	*0701/06/18/52	*1701-03	SBT,PCR-SSP
5106	Brown,Colin	*0201	*2402	*3903/37	*4101/07	*07	*17	PCR-RSSOP,SBT
774	Cecka,J.Mich	*0201/*92	*24	*39	*41	*07	*17	SSP
5232	Charlton,Ron	*0201	*2402	*3924	*4101	*0701	*1701	SSP,RVSSO
4492	Charron,D.	*02	*24	*39	*41			
798	Claas,F.H.J.	*020101	*24020101	*3924	*4101	*0701	*1701	SBT,RLB
3632	Colombe,Beth	*0201	*2402	*3924	*4101	*0701	*1701	SSP
3904	Cooper,E.Sha	*02	*24	*39	*41	*07	*17	
5130	Costeas,Paul	*0201	*2402	*3924	*4101	*0701	*1701	SSO,SSP
779	Daniel,Claud	*02	*24	*39	*4101-04/06/07	*07	*1701-04	PCR-SSP
3186	Dunckley,Hea	*02	*24	*39	*41	*07	*17	SSP+SBT-C
3766	Dunn,Paul	*02	*24	*3924/28	*4101/07	*07	*17	SSO
856	Dupont,Bo	*9201	*2402+	*3924/28	*4101/05-07	*0701+	*1701-03/05	SSO
5214	Eckels/CPMC	*02	*24	*39	*41	*07	*17	SSO
2332	Elkhalifa,Mo	*02	*24	*39	*41	*07	*17	SSO,SSP
4251	Ellis,Thomas	*0201	*2402	*3924	*4101	*0701/06/18	*1701-03	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2402	*3924	*4101	*0701/06/18/52	*1701	SSO,SBTex1-3
810	Hamdi,Nuha	*02010101	*24020101	*3924	*4101	*070101	*1701	SSO
4269	Hanau,Daniel	*020101	*240201	*3924	*4101	*070101	*1701	PCR-SBT,SSP
741	Harvill,Terr	*0202	*2402	*3924	*4101	*0701	*1701	SSO
3808	Hogan,Patric	*02	*24	*39	*41	*0701g	*17	
771	Israel,Shosh	*02	*24	*39	*41	*07	*17	SSO
859	Kamoun,Malek	*0201	*2402	*3924	*4101/07	*0701	*1701	
4337	Kim,Tai-Gyu	*0201	*2402/09N	*3924	*4101	*0701	*1701/02	SBT
168	Klein,Tirza	*02	*24	*39	*41	*07	*17	PCR-SSP
278	Lee,Jar-How	*0201	*2402/76/78/79+	*3924/28	*4101	*0701/58/59	*1701	SSP,RVSSOP
6649	Lim,Young Ae	*02	*24	*39	*41	*07	*17	PCR-SSP
731	Loewenthal,R	*020101	*240201	*39	*41	*0701	*1701	SSO,SBT
759	Lopez-Cepero	*0201/04/07/09+	*2402/03/13-15+	*3924/28	*4101/07	*0701/06/16/18+	*1701-04	RVSSO
23	Mah,Helen	*02	*24	*3924/28	*4101/07	*07	*1701-04	SSO,SSP
8029	Mani,Rama	*02	*24	*39	*41			PCR-SSP
792	Moore,S.Brea	*0201	*2402	*3924	*4101	*0701	*1701	
4336	Park,Myoung	*02	*24	*39	*41	*07	*17	RVSSO
16	Pidwell/Aska	*020101	*240201	*3924	*4101	*0701	*1701	RSSO,SBT,SSP
4689	Rajczy,Katal	*0201	*2402	*3903/24	*4101	*07	*17	PCR-RVSSO,SBT
3625	Rees,Tracey	*02	*24	*39	*41	*0701	*1701-04	
5200	Reinke,Denni	*02	*24	*39	*4102	*07	*17	SSP
1160	Rosen-BronGT	*02	*24	*39	*41	*07	*17	
793	Rubocki,Ron	*02	*24	*39	*41	*07	*17	
4948	Sage,Deborah	*02	*24	*39	*4101	*0701/06/18/52	*1701-03	
3519	Semana,Gilbe	*0201	*2402	*3924	*4101	*0701	*1701	SBT
8001	Sheikh,Maqso	*02	*24	*39	*41	*07	*17	
769	Tavoularis,S	*0201/01L	*2402	*3924	*4101	*0701	*1701	SSO,SBT,SSP
5451	Tilanus,Marc	*020101	*24020101	*3924	*4101	*070101	*1701	SBT
5462	Turner,E.V.	*02010101/010102L	*24020101/020102L	*3924	*4101	*0701	*1701	SEQ,SSO,SSP
705	Watkins,Davi	*0201g	*2402g	*3906/24/28	*4101/07	*0701g	*1701-04	SSO

CTR	INVESTIGATOR NAME	CELL NO.1374 (Japanese) A1	A2	B1	B2	C1	C2	method
8062	Al-Attas,Rab	*02	*26	*15	*40	*03		RVSSO
745	Anthony Nola	*020601	*260101	*15010101	*400201	*030301	*030401	SSO,SSP,SBT
2020	Barnardo,Mar	*020601	*260101	*15010101	*400201	*030301	*030401/0403	SBT,PCR-SSP
5106	Brown,Colin	*0206	*2601	*1501	*4002	*0303	*0304	PCR-RSSOP,SBT
774	Cecka,J.Mich	*0206/*92	*26	*15	*40	*03	*03	SSP
5232	Charlton,Ron	*0206	*2601	*1501	*4002	*0303	*0304	SSP,RVSSO
4492	Charron,D.	*02	*26	*15/*46/*95	*40			
798	Claas,F.H.J.	*020601	*260101	*15010101	*400201	*030301	*030401	SBT,RLB
3632	Colombe,Beth	*0206	*2601	*1501	*4002	*0303	*0304	SSP
3904	Cooper,E.Sha	*02	*26	*1501/07/26N	*4002/08/09	*030301-0304	*030401-0404	
5130	Costeas,Paul	*0206	*2601	*1501	*4002	*0303	*0304	SSO,SSP
779	Daniel,Claud	*02	*26	*15(B62)	*40(B61)	*03(Cw9)		PCR-SSP
3186	Dunckley,Hea	*02	*26	*1501/07/30/78	*4002/03/11/35	*03		SSP+SBT-B
3766	Dunn,Paul	*02	*26	*15	*40	*03		SSO
856	Dupont,Bo	*0206/10/21/28+	*2601/02/10/15+	*1501+	*4002/27/29/35+	*0303+	*0304+	SSO
5214	Eckels/CPMC	*02	*26	*15(B62)	*40(B61)	*03(Cw9)	*03	SSO
2332	Elkhalifa,Mo	*02	*26	*15	*40	*03	*03	SSO,SSP
4251	Ellis,Thomas	*0206	*2601	*1501	*4002	*0303/20N	*0304	PCR-SSO,SEQ
762	Fischer&Mayr	*0206/*9226	*2601/24/26	*1501/*9502/04/40+	*4002/56	*0303	*0304	SSO,SBTex1-3
810	Hamdi,Nuha	*020601	*260101	*15010101	*400201	*030301	*030301	SSO
4269	Hanau,Daniel	NT						
741	Harvill,Terr	*0206	*2601	*1501	*4002	*0303		SSO
3808	Hogan,Patric	*02	*26	*1501g	*4002g	*03	*03	
771	Israel,Shosh	*02	*26	*15	*40	*03		SSO
859	Kamoun,Malek	*0206	*2601	*1501	*4002	*0303	*0304	
4337	Kim,Tai-Gyu	*0206	*2601	*1501	*4002	*0303	*0304	SBT
168	Klein,Tirza	*02	*26	*15	*40	*03		PCR-SSP
278	Lee,Jar-How	*0206/*9226	*2601/24/26/37	*1501/94N/97	*4002/56/82	*0303	*0304	SSP,RVSSOP
6649	Lim,Young Ae	*02	*26	*15(B62)	*40(B61)	*03		PCR-SSP
731	Loewenthal,R	*02	*26	*150101	*400201	*030301	*030401	SSO,SBT
759	Lopez-Cepero	*0206/10/21/28+	*2601/10/15-17+	*1501/28	*4002/29/35/37+	*0303-06/09+		RVSSO
23	Mah,Helen	*0206+	*26	*1501+	*4002+	*03	*03	SSO,SSP
8029	Mani,Rama	*02	*26	*15	*40			PCR-SSP
792	Moore,S.Brea	*0206	*2601	*1501	*4002	*0303	*0304	
4336	Park,Myoung	*02	*26	*15	*40	*03		RVSSO
16	Pidwell/Aska	*020601	*260101	*150101	*400201	*030301/20N	*030401	RSSO,SBT,SSP
4689	Rajczy,Katal	*020601	*260101	*1501/07/30	*4002/03/11	*03		PCR-RVSSO,SBT
3625	Rees,Tracey	*02	*26	*15(B62)	*40(B61)	*0303	*0304	
5200	Reinke,Denni	*02	*26	*15(B62)	*40(B61)	*03(Cw9)	*03(Cw10)	SSP
1160	Rosen-BronGT	*02	*26	*1501/59/60/82/92	*4002/97/98	*03		
793	Rubocki,Ron	*02	*26	*15(B62)	*(B61)	*03(Cw9)	*03	
4948	Sage,Deborah	*0206/*9237	*2601/10	*1501/78/*9502/04+	*4002/35/36	*0303/20N	*0304	
3519	Semana,Gilbe	*0206	*2601	*15	*40	*0303	*0304	SBT
8001	Sheikh,Maqso	*02	*26	*1501/71/78/79N+	*4002/56-58/82+	*0303/11-13+	*0304/05/06/09+	
769	Tavoularis,S	*0206	*2601	*1501	*4002	*0303	*0304	SSO,SBT,SSP
5451	Tilanus,Marc	*020601	*260101	*15010101	*400201	*030301	*0304	SBT
5462	Turner,E.V.	*0206	*2601	*150101/010102N	*4002	*0303	*0304	SEQ,SSO,SSP
705	Watkins,Davi	*0206g	*2601g	*1501g	*4002g	*03		SSO

CTR	INVESTIGATOR NAME	CELL NO.1375 (Hispanic) A1	A2	B1	B2	C1	C2	method
8062	Al-Attas,Rab	*24	*31	*39	*35	*04		RVSSO
745	Anthony Nola	*24020101	*310102	*3901	*352001	*040101		SSO,SSP,SBT
2020	Barnardo,Mar	*24020101	*310102	*390101/0103	*352001	*0401/28/30/41		SBT,PCR-SSP
5106	Brown,Colin	*2402	*3101	*3901	*3520	*04		PCR-RSSOP,SBT
774	Cecka,J.Mich	*24	*31	*39	*35	*04		SSP
5232	Charlton,Ron	*2402	*3101	*3901	*3520	*0401	*0401	SSP,RVSSO
4492	Charron,D.	*2402/71/88/90N	*3101	*3901	*3520	*0401/40		
798	Claas,F.H.J.	*24020101	*310102	*390101	*352001	*040101		SBT,RLB
3632	Colombe,Beth	*2402	*3101	*3901	*3520	*0401		SSP
3904	Cooper,E.Sha	*24	*31	*39	*35	*04010101-0104		
5130	Costeas,Paul	*2402/56	*3101	*3901	*3520	*0401		SSO,SSP
779	Daniel,Claud	*24	*31	*39	*35	*04		PCR-SSP
3186	Dunckley,Hea	*24	*31	*39	*35	*04		SSP
3766	Dunn,Paul	*24	*31	*39	*35	*04		SSO
856	Dupont,Bo	*2402+	*3101+	*3901/05/11/18+	*3502/82	*0401+	*04+	SSO
5214	Eckels/CPMC	*24	*31	*39	*35	*04	*04	SSO
2332	Elkhalifa,Mo	*24	*31	*39	*35	*04	*04	SSO,SSP
4251	Ellis,Thomas	*2402	*3101	*3901	*3520	*0401/30	*0401/30	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*3101/14N/23	*3901/46	*3520	*0401/09N/28/30		SSO,SBTex1-3
810	Hamdi,Nuha	*24020101	*310102	*39010101	*352001	*04010101	*04010101	SSO
4269	Hanau,Daniel	NT						
741	Harvill,Terr	*2402	*3101	*3901	*3520	*0401		SSO
3808	Hogan,Patric	*24	*31	*39	*3504/12/20/39+	*04	*04	
771	Israel,Shosh	*24	*31	*39	*35	*04		SSO
859	Kamoun,Malek	*2402	*3101	*3901	*3520	*0401		
4337	Kim,Tai-Gyu	*2402/09N	*3101	*3901	*3520	*0401		SBT
168	Klein,Tirza	*24	*31	*39	*35	*04		PCR-SSP
278	Lee,Jar-How	*2402/76/78/79+	*3101/14N/19	*3901/26/45	*3520/82	*0401/35		SSP,RVSSOP
6649	Lim,Young Ae	*24	*31	*39	*35	*04		PCR-SSP
731	Loewenthal,R	*240201	*310102	*390101	*352001	*040101	*040101	SSO,SBT
759	Lopez-Cepero	*2402/15/20/21+	*3101/09/12/13+	*3901/05/26/27/39+	*3520/82	*0401/05/07/12/15+		RVSSO
23	Mah,Helen	*24	*31	*3901/05+	*3520/82	*04	*04	SSO,SSP
8029	Mani,Rama	*24	*31	*39	*35			PCR-SSP
792	Moore,S.Brea	*2402	*3101	*3901	*3520	*0401		
4336	Park,Myoung	*24	*31	*39	*3502/82	*04		RVSSO
16	Pidwell/Aska	*240201	*310102	*3901	*352001	*040101/30		RSSO,SBT,SSP
4689	Rajczy,Katal	*24020101	*310102	*3901/39	*3520/82	*04		PCR-RVSSO,SBT
3625	Rees,Tracey	*24	*31	*39	*3520/39/59/61	*0401/28/30		
5200	Reinke,Denni	*24	*31	*39	*35	*04		SSP
1160	Rosen-BronGT	*24	*31	*39	*3520/82	*04		
793	Rubocki,Ron	*24	*31	*39	*35	*04		
4948	Sage,Deborah	*2402/03	*3101/05	*3901/39	*3520/82	*0401/09N/28/30		
3519	Semana,Gilbe	NT						SBT
8001	Sheikh,Maqso	*24	*31	*39	*35	*04		
769	Tavoularis,S	*2402	*3101	*3901/01L	*3520	*0401		SSO,SBT,SSP
5451	Tilanus,Marc	*24020101	*310102	*3901	*352001	*040101		SBT
5462	Turner,E.V.	*24020101/020102L	*3101	*39010101/010102L	*3520	*0401		SEQ,SSO,SSP
705	Watkins,Davi	*2402g	*3101g	*3901/05/26/39/41+	*3520/82	*0401g		SSO

CTR	INVESTIGATOR NAME	CELL NO.1376 (Vietnamese) A1	A2	B1	B2	C1	C2	method
8062	Al-Attas,Rab	*11	*26	*39	*15	*03	*07	RVSSO
745	Anthony Nola	*1101	*2601	*3901	*1512	*0303	*0702	SSO,SSP,SBT
2020	Barnardo,Mar	*110101	*260101	*390101/0103	*1512	*030301//*0303	*0702/50+//*0710	SBT,PCR-SSP
5106	Brown,Colin	*1101	*2601	*3901	*1512	*03	*07	PCR-RSSOP,SBT
774	Cecka,J.Mich	*11	*26	*39	*1512	*03	*07	SSP
5232	Charlton,Ron	*1101	*2601	*3901	*1512	*0303	*0702	SSP,RVSSO
4492	Charron,D.	*1101/22/36/37	*2601/37/13/25N	*3901	*1512	*0303	*0702	
798	Claas,F.H.J.	*110101	*260101	*390101	*1512	*030301	*070201	SBT,RLB
3632	Colombe,Beth	*1101	*2601	*3901	*1512	*0303	*0702	SSP
3904	Cooper,E.Sha	*11	*26	*39	*1512/14/19	*0303/11/13	*07	
5130	Costeas,Paul	*1101	*2601	*3901	*1512	*0303	*0702	SSO,SSP
779	Daniel,Claud	*11	*26	*39	*15(B76)	*03(Cw9)	*07	PCR-SSP
3186	Dunckley,Hea	*11	*26	*39	*1512/19	*0303/11-13/18+	*07	SSP
3766	Dunn,Paul	*11	*26	*39	*1512/19	*03	*07	SSO
856	Dupont,Bo	*1101/17/40	*2601/02/*6601	*3901/05/11/18+	*1512/19	*0303+	*0702+	SSO
5214	Eckels/CPMC	*11	*26	*39	*15(B76)	*03(Cw9)	*07	SSO
2332	Elkhalifa,Mo	*11	*26	*39	*15	*03	*07	SSO,SSP
4251	Ellis,Thomas	*1101	*2601	*3901	*1512	*0303/20N	*0702/50	PCR-SSO,SEQ
762	Fischer&Mayr	*1101/21N	*2601/24/26	*3901/46	*1512/19	*0303	*0702/50/66	SSO,SBTex1-3
810	Hamdi,Nuha	*110101	*260101	*39010101	*1512	*030301	*07020101	SSO
4269	Hanau,Daniel	*110101	*260101	*3901	*1512	*030301	*070201	PCR-SBT,SSP
741	Harvill,Terr	*1101	*2601	*3901	*1512	*0303	*0702	SSO
3808	Hogan,Patric	*11	*26	*39	*1512	*0303g	*0702g	
771	Israel,Shosh	*11	*26	*39	*15	*03	*07	SSO
859	Kamoun,Malek	*1101	*2601	*3901	*1512	*0303	*0702	
4337	Kim,Tai-Gyu	*1101	*2601	*3901	*1512/19	*0303	*0702	SBT
168	Klein,Tirza	*11	*26	*39	*15	*03	*07	PCR-SSP
278	Lee,Jar-How	*1101/21N/30/32	*2601/23-26/32	*3901/45	*1501	*0303	*0702/61N/62	SSP,RVSSOP
6649	Lim,Young Ae	*11	*26	*39	*15(B76)	*03	*07	PCR-SSP
731	Loewenthal,R	*110101	*260101	*39	*15	*030301	*070201	SSO,SBT
759	Lopez-Cepero	*1101-03/07/09+	*2601/04/10/15+	*3901/05/24/27/28+	*1512/19	*0303/11-13/22+	*0702/10/13/29+	RVSSO
23	Mah,Helen	*11	*26	*3901/05/24+	*1512/19	*03	*07	SSO,SSP
8029	Mani,Rama	*11	*26	*39	*15			PCR-SSP
792	Moore,S.Brea	*1101	*2601	*3901/45	*1512	*0303	*0702	
4336	Park,Myoung	*11	*26	*39	*1512/19	*03	*07	RVSSO
16	Pidwell/Aska	*110101	*260101	*3901	*1512	*030301/20N	*070201/50	RSSO,SBT,SSP
4689	Rajczy,Katal	*1101/19	*2601/13	*3901	*1512	*03	*07	PCR-RVSSO,SBT
3625	Rees,Tracey	*11	*26	*39	*1512/19	*0303	*0702	
5200	Reinke,Denni	*11	*26	*39	*15(B76)	*03(Cw9)	*07	SSP
1160	Rosen-BronGT	*11	*26	*39	*1512	*03	*07	
793	Rubocki,Ron	*11	*26	*39	*15(B76)	*03(Cw9)	*07	
4948	Sage,Deborah	*1101	*2601	*3901	*1512/19	*0303/13/20N+	*0702/10/29/50	
3519	Semana,Gilbe	NT						SBT
8001	Sheikh,Maqso	*11	*26	*39	*1512	*0303/11/13+	*07	
769	Tavoularis,S	*1101	*2601	*3901/01L	*1512	*0303	*0702	SSO,SBT,SSP
5451	Tilanus,Marc	*110101	*260101	*3901	*1512	*030301	*070201	SBT
5462	Turner,E.V.	*1101	*2601	*39010101/010102L	*1512	*0303	*0702	SEQ,SSO,SSP
705	Watkins,Davi	*1101g	*2601g	*3901g	*1512/19	*0303/13/20N+	*0705/08/27/43	SSO

Cell 1373 (Hispanic)

48 labs

A*02	50%	
A*0201	29%	
A*020101	15%	
A*02010101	2%	
A*0202	2%	
A*9201	2%	
A*02	100%	TOTAL
A*24	57%	
A*2402	27%	
A*240201	8%	
A*24020101	8%	
A*24	100%	TOTAL

48 labs

B*39	50%	
B*3924/28	10%	
B*3924	40%	
B*39	100%	TOTAL
B*41	42%	
B*4101/07	12%	
B*4101	44%	
B*4102	2%	
B*41	100%	TOTAL

46 labs

Cw*07	61%	
Cw*0701	33%	
Cw*070101	6%	
Cw*07	100%	TOTAL
Cw*17	61%	
Cw*1701	39%	
Cw*17	100%	TOTAL

Cell 1374 (Japanese)

47 labs

A*02	60%	
A*0206	25%	
A*020601	15%	
A*02	100%	TOTAL
A*26	60%	
A*2601	25%	
A*260101	15%	
A*26	100%	TOTAL

47 labs

B*15	60%	
B*1501	21%	
B*150101	6%	
B*15010101	11%	
B*15	98%	TOTAL
B*40	62%	
B*4002	23%	
B*400201	15%	
B*40	100%	TOTAL

45 labs

Cw*03	54%	
Cw*0303	33%	
Cw*030301	13%	
Cw*03	100%	TOTAL
Cw*03	44%	
Cw*0304	40%	
Cw*030401	9%	
Cw*03	93%	TOTAL

Cell 1375 (Hispanic)

46 labs

A*24	61%	
A*2402	20%	
A*240201	6%	
A*24020101	13%	
A*24	100%	TOTAL
A*31	57%	
A*3101	26%	
A*310102	17%	
A*31	100%	TOTAL

46 labs

B*39	59%	
B*3901	33%	
B*390101	6%	
B*39010101	2%	
B*39	100%	TOTAL
B*35	42%	
B*3520/82	15%	
B*3520	28%	
B*352001	15%	
B*35	100%	TOTAL

45 labs

Cw*04	67%	
Cw*0401	22%	
Cw*040101	9%	
Cw*04010101	2%	
Cw*04	100%	TOTAL

Cell 1376 (Vietnamese)

47 labs

A*11	57%	
A*1101	28%	
A*110101	15%	
A*11	100%	TOTAL
A*26	55%	
A*2601	28%	
A*260101	15%	
A*26	98%	TOTAL

47 labs

B*39	58%	
B*3901	36%	
B*390101	4%	
B*39010101	2%	
B*39	100%	TOTAL
B*15	26%	
B*1512/19	23%	
B*1501	2%	
B*1512	49%	
B*15	100%	TOTAL

46 labs

Cw*03	56%	
Cw*0303	33%	
Cw*030301	11%	
Cw*03	100%	TOTAL
Cw*07	63%	
Cw*0702	26%	
Cw*070201	9%	
Cw*07020101	2%	
Cw*07	100%	TOTAL

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	VIAB %	CELL NO.1373 A2	A2	A3	B4	B1	C7	C1	B6	(HISP) OTHERS	VIAB %	CELL NO.1374 A2	A2	A6	B6	C2	C1	B0	(JAPN) OTHERS	VIAB %	CELL NO.1375 A4	A1	B9	B5	C4	B6	(HISP) OTHERS	VIAB %	CELL NO.1376 A1	A2	B3	B7	C3	C7	B6	(VIET) OTHERS
Abbal,Michel	6	98	+	+	+	+			+			98	+	+	+	+			+		98	+	+	+			+	B70	98	+	+	+	+			+	
Alonso,Anton	6	90	+	+	+	+	+		+			90	+	+	+		+		+	B60	90	+	+	+	+	+	+		90	+	+	+		+	+	+	B62
Alvarez,Carr	6	100	+	+	+	+			+			100	+	+	+40	+			+		100	+	+	+	+		+		100	+	+	+	+			+	
Anthony Nola	3	98	+	+	+	+						98	+	+	+	+					98	+	+	+	+				98	+	+	+	+				
Berka,Noured	2	90	+	+	+	+	+	+	+			90	+	+	+	+	+		+		90	+	+	+	+	+	+		90	+	+	+	+	+	+		
Bow,Laurine	3	99	+	+	+	+	+	+	+			99	+	+	+		+		+	B60	99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Burger,Joe	2	99	+	+	+	+	+	+	+			99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Cecka,J.Mich	2	95	+	+	+	+			+			95	+	+	+	+			+		95	+	+	+	+		+		95	+	+	+	+			+	
Chan MD,Soh	4	90	+	+	+	+	+	+	+			90	+	+15	+	+			+		90	+	+	+		+	+		90	+	+	+	+	+	+	+	
Charron,D. P	6	100	+	+	+	+			+			100	+	+	+40				+		100	+	+	+			+		100	+	+	+	+			+	B35,B62
Choo,Yoon MD	3	99	+	+	+	+	+	+	+			99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Claas,F.H.J.	6	90	+	+	+	+	+		+			90	+	+	+	+	+		+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Cooper,E. Sh	2	99	+	+16	+				+			99	+	+	+40				+		99	+	+	+	+		+		99	+	+	+	+			+	
Dhaliwal,J.S	15	NT										NT									NT								NT								
Du Toit,Erne	8	80	+	+	+	+			+			80	+	+	+	+			+		C								80	+	+	+	+			+	
Dunckley,Hea	15	70	+	+	+	+					BW4	80	+	+	+40				+		80	+19	+				+		80	+	+	+15				+	
Dunk,Arthur	2	98	+	+	+	+	+	+	+			98	+	+	+	+	+		+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Dunn,Paul Dr	7	95	+	+	+	+			+			95	+	+	+	+			+		95	+	+	+	+		+		95	+	+	+	+			+	
Eckels/CPMC,	2	95	+	+	+	+	+		+			95	+	+	+	+	+		+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Eckels/Utah,	3	98	+	+	+	+	+	+	+			99	+	+	+	+	+		+		99	+	+	+	+	+	+		96	+	+	+	+	+	+	+	
Eisenbrey,A.	16	99	+	+	+	+	+	+	+			99	+	+	+	+W9			+		99	+	+	+	+	+	+	CX15	99	+	+	+	+W9		+	+	
Esteves Kond	2	98	+	+	+	+	+	+	+			98	+	+	+	+W9	+		+		98	+	+	+	+	+	+		98	01	+	+	+W9		+	+	
Fischer,Joha	6	98	+	+	+	+			+			98	+	+	+	+			+		98	+	+	+	+		+		98	+	+	+	+			+	
Hahn,Amy B.	3	99	+	+	+	+	+	+	+			99	+	+	+	+	+		+	CW9	99	+	+	+	+	+	+	B35V	99	+	+	+	+	+	+	+	
Hanau,Daniel	3	NT										NT									NT								NT								
Harville,Ter	3	98	+	+	+	+	+	+	+			98	+	+	+	+W9			+		98	+	+	+	+	+	+		98	+	+	+	+W9		+	+	
Hirankarn MD	6	91	+	+	+	+			+		B18	89	+	+	+	+			+		93	+	+	+	+		+		95	.1	+	+	+			+	A66
Hogan,Patric	15	C										C									90	+	+	+	+	+	+		C								
Holdsworth,R	9	80	+	+	+	+			+			99	+	+	+	+			+		90	+	+	+	+		+	B35S	90	+	+	+	+			+	
Ichikawa MD,	10	NT										NT									80	+	+	+			+	B5,BW4	100	+	+	+				+	
Israel,Shosh	6	98	+	+	+	+	+	+	+			98	+	+	+	+	+		+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Jaramillo,An	3	95	+	+	+	+	+	+	+			90	+	+	+	+W9	+		+		95	+	+	+	+	+	+	CW7	85	+	+	+	+W9		+	+	
Keown,Paul M	6	98	+	+	+	+			+			98	+	+	+40	+			+		98	+	+	+	+	+	+		98	+	+	+	+		+		B62
Klein,Tirza	7	NT										NT									NT								NT								
Kvam,Vonnett	2	97	+	+		+	+	+	+		B67	97	+	+15	+	+			+		97	+	+	+	+	+	+		97	+	+		+	+	+	+	B67
Lardy,N.M. D	9	90	+	+	+	+	+		+			90	+	+	+	+	+		+		90	+	+	+	+		+	B35V	90	+	+	+	+		+	+	
Lebeck,Laura	2	98	+	+	+	+	+		+			98	+	+15	+	+			+		98	+	+	+		+	+		98	+	+	+	+	+	+	+	
Lo,Raymundo	6	98	+	+	+							98	+	+	+	+					98	+	+	+					98	01	+	+					B75
Loewenthal M	5	70	+	+	+	+	+	+	+			NT									NT								80	+	+	+	+	+	+	+	
Lopez-Cepero	2	99	+	+	+	+	+		+			99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
MacCann,Eile	3	98	+	+	+	+			+			98	+	+	+	+			+		98	+	+	+	+		+		98	+	+	+	+			+	
Mah,Helen	3	98	+	+	+	+	+	+	+			98	+	+	+	+	+		+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
McAlack,Robe	2	97	+	+	+	+	+	+	+			97	+	+	+40	+			+		97	+	+	+	+	+	+		98	+	+	+15	10		+	+	
McAlack-Bala	2	98	+	+	+	+	+	+	+			98	+	+	+40	+			+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
McCluskey,Ja	8	90	+	+	+	+	+	+				85	+	+15	+	+					80	+	+	+	+				90	+	+	+15					
Meyer,Pieter	13	85	+A9	+	+	+						85	+	+	+	+	+				85	+	+	+	+	+			85	+	+	+		+	+		B62
Norin,Allen	2	99	+	+	+	+			+			98	+	+	+	+			+		99	+	+	+	+	+	+		98	+	+	+	+			+	
Pais,Maria L	9	99	+	+	+	+						99	+	+	+					B60	99	+	+	+	+				99	+	+	+					B62
Park,Myoung	9	90	+	+	+	+	+		+			90	+	+	+	+	+		+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Permpikul,Ve	6	95	+	+	+	+			+			95	+	+	+	+			+		90	+	+	+	+		+		NT								

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	VIA B %	CELL NO.1373 A2	A2	B34	B91	C7	CX1	B6	(HISP) OTHERS	VIA B %	CELL NO.1374 A2	A2	B66	B21	CW3	CW10	B6	(JAPN) OTHERS	VIA B %	CELL NO.1375 A2	A3	B19	B35	C4	B6	(HISP) OTHERS	VIA B %	CELL NO.1376 A1	A2	B69	B37	CW6	CW3	B7	(VIET) OTHERS
Phelan,Donna	2	98	+	+	+	+	+	+	+		98	+	+	+	+	+		+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Pidwell/Aska	2	95	+	+	+	+	+	+	+		95	+	+	+	+	+		+		95	+	+	+	+	+	+	B35V	95	+	+	+15	+	+	+	X45
Pollack,Mari	2	99	+	+	+	+	+	+	+		99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Rajczy,Katal	3	95	+	+	+	+	+	+	+		95	+	+	+	+	+		+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Rees,Tracey	6	95	+	+	+	+	+	+	+		95	+	+	+	+	+		+		90	+	+	+	+	+	+	B35V	90	+	+	+	+	+	+	+	
Rosen-BronGT	2	90	+	+	+	+					90	+	+	+	+					90	+	+	+	+				90	+	+	+	+				
Rosen-BronMS	6	95	+	+	+	+	+	+	+		95	+	+	+	+	+		+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Rubocki,Rona	2	99	+	+	+	+	+	+	+	CW2	99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Sauer,Gottwa	6	90	+	+	+	+	+	+	+		90	+	+	+	+	+		+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Semana MD,Gi	16	60	+	+	+	+			+		NT									90	+	+	+			+		90	+	+					+	B45,B62
Shai,Isaac	14	88	+	+	+	+	+		+	BW4	93	+	+	+				+	B60	95	+		+	+		+	A30	95	+	+	+		+	+	+	B62,BW4
Sperry,Roxan	2	98	+	+	+	+	+	+	+		98	+	+	+	+	+		+		98	+	+	+	+	+	+		98	+	+	+	+W9		+	+	
Stamm,Luz	6	95	+	+	+	+	+	+	+		95	+	+	+	+	+		+		95	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Stavropoulos	2	99	+	+	+	+	+		+		98	+	+	+	+	+		+		96	+	+	+	+	+	+		98	+	+	+	+	+		+	
Tagliere,Jac	1	100	+	+	+	+	+		+		100	+	+	+	+	+		+		100	+	+	+	+	+	+		100	+	+	+	+	+	+	+	
Tilanus,Marc	7	90	+	+	+	+			+		90	+	+	+	+			+		90	+	+	+	+		+		90	+	+	+	+			+	
Vidan-Jeras,	7	100	+	+	+	+	+	+	+		100	+	+	+	+	+		+		100	+	+	+	+	+	+		100	+	+	+	+	+	+	+	
Walter Reed	3	99	+	+	+	+	+	+	+		99	+	+	+	+	+		+		99	+	+	+	+	+	+		99	+	+	+		+	+	+	B45
Wisecarver,J	6	98	+	+	+	+			+		95	+	+	+	+			+		98	+	+	+	+		+		95	+	+	+	+			+	

****
* SUMMARY TABLE *
****

(HISP)
**** CELL 1373 ****
(64 SAMPLES TYPED)
A2 100.0%
(100.0%)

A24 98.4%
A9 1.6%
(100.0%)

B39 96.9%
B16 1.6%
(98.4%)

B41 98.4%

CW7 65.6%

CX17 48.4%
(48.4%)

BW6 89.1%

(OTHERS FOUND)
BW4 3.1%
B67 1.6%
B18 1.6%
CW2 1.6%

(JAPN)
**** CELL 1374 ****
(62 SAMPLES TYPED)
A2 100.0%
(100.0%)

A26 100.0%
(100.0%)

B62 93.5%
B15 6.5%
(100.0%)

B61 82.3%
B40 11.3%
(93.5%)

CW3 61.3%
CW9 6.5%
(67.7%)

CW10 3.2%
(3.2%)

BW6 90.3%

(OTHERS FOUND)
B60 6.5%
CW9 1.6%

(HISP)
**** CELL 1375 ****
(64 SAMPLES TYPED)
A24 100.0%
(100.0%)

A31 96.9%
A19 1.6%
(98.4%)

B39 100.0%
(100.0%)

B35 87.5%

CW4 64.1%

BW6 90.6%

(OTHERS FOUND)
B35V 6.3%
A30 1.6%
CX15 1.6%
BW4 1.6%
B5 1.6%
B70 1.6%
CW7 1.6%
B35S 1.6%

(VIET)
**** CELL 1376 ****
(64 SAMPLES TYPED)
A11 95.3%
11.1 1.6%
1101 3.1%
(100.0%)

A26 100.0%
(100.0%)

B39 96.9%
(96.9%)

B76 79.7%
B15 6.3%
(85.9%)

CW3 54.7%
CW9 7.8%
CW10 1.6%
(64.1%)

CW7 62.5%

BW6 89.1%

(OTHERS FOUND)
B62 10.9%
B45 3.1%
BW4 1.6%
B67 1.6%
B35 1.6%
A66 1.6%
B75 1.6%
X45 1.6%

*** 69 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: 11/10/2009 **********