REPORT OF THE 325th CELL EXCHANGE

MAY 9, 2007

B-Cell Line	**389-390**
SErum	**921-924**
DNA Extract	**385-388**
Cells	**1297-1300**

B-cell line Exchange

We thank **Helen Bass and Christopher Darke, Welsh Blood Service, Pontyclun**, and **Eric Mickelson and John Hansen, Fred Hutchinson Cancer Research Center, Seattle**, for offering numerous unusual cells to type in the Cell Exchange.

TER-389. The rare DQB1*0608 was detected by 71% of the labs. Lefor shared the following comments, "We have seen DQB1*0608 locally 7 times since 1996 (and it was) always associated with DRB1*1301 and Black ethnicity." DQB1*0608 was typed for the first time in the Exchange.

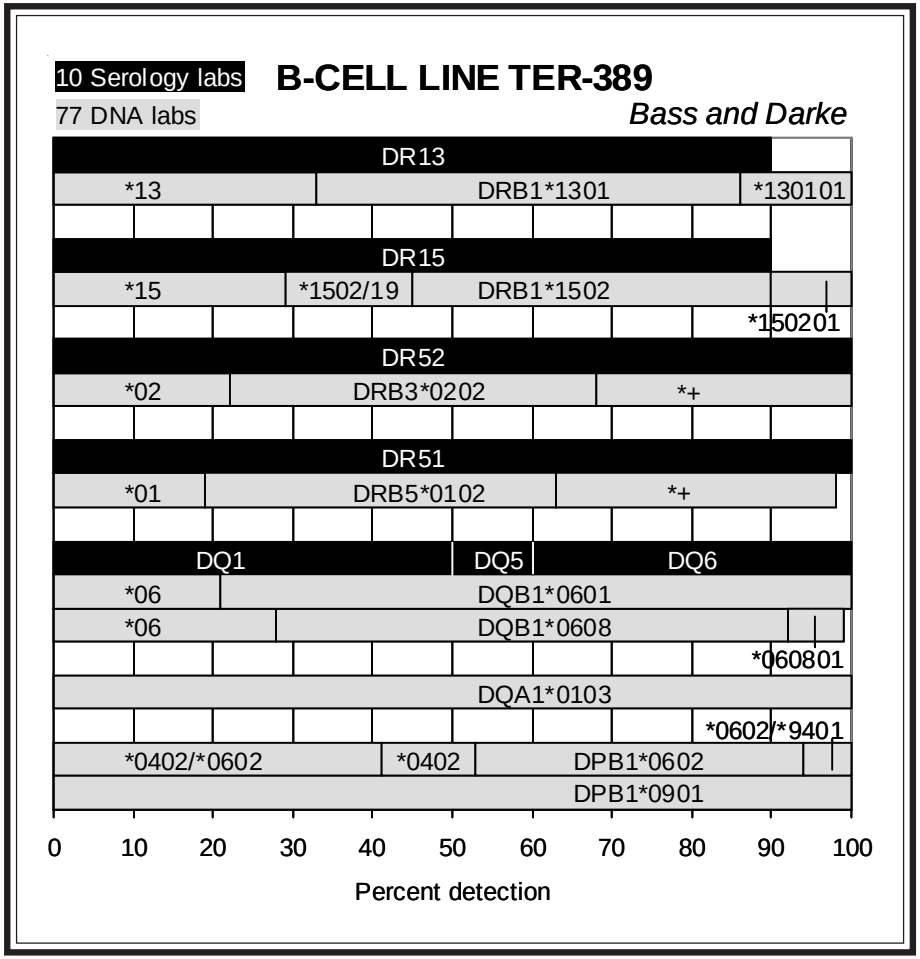
The probable haplotypes were DRB1*1301 (*130101)-DRB3*0202-DQB1*0608-DQA1*0103 and DRB1*1502-DRB5*0102-DQB1*0601-DQA1*0103.

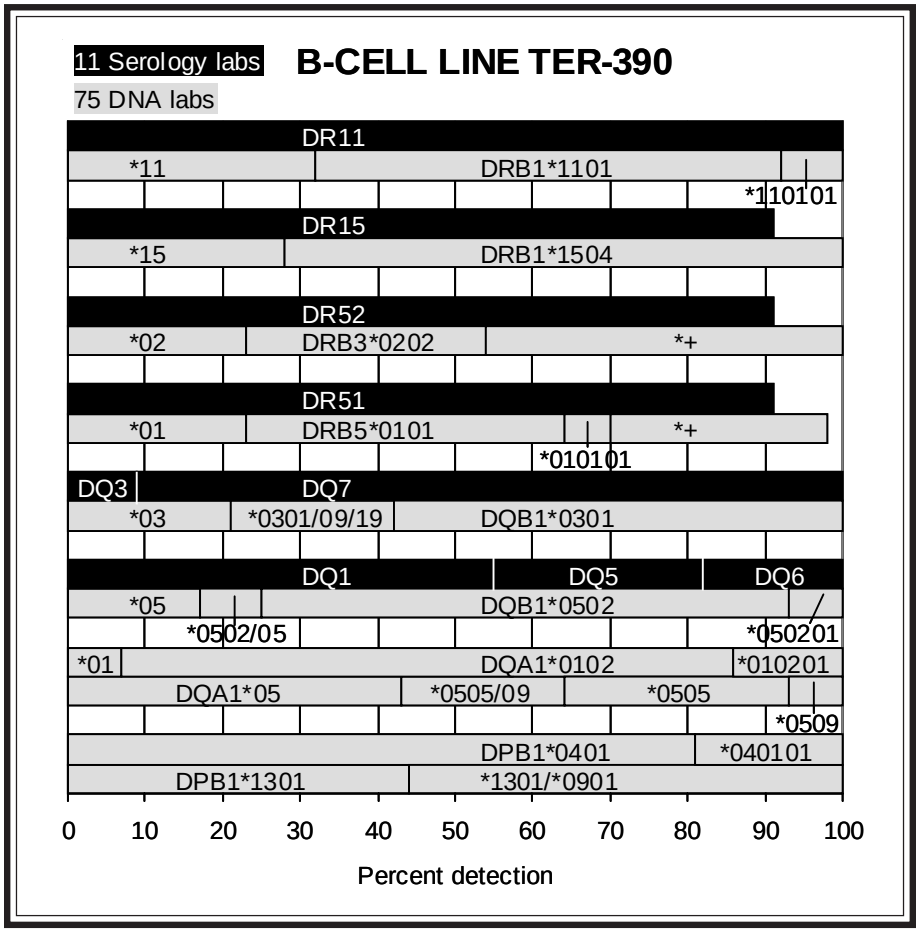
By serology, this cell was typed as DR13, DR15, DR51, DR52, and DQ1 (DQ6).

Darke reported DPA1*0103/07/09 and DPA1*0201.

DQA1*0103 was the sole assigned DQA1 type.

DPB1*0901 was typed in complete consensus. For the second DPB1 type, DPB1*0602 was assigned by 7 labs (Adams, Ball, Charron, Dormoy, Land, Tiercy, van den Berg-Loonen), that is, by 41%, and DPB1*0402/*0602 was assigned by another 7 labs (41%). DPB1*0402 was assigned by 2 labs and DPB1*0602/*9401 by one lab. DPB1*6801and DPB1*8601 (Cook) or DPB1*0201 and DPB1*3501 (K.W. Lee) were other possible DPB1 alleles for this cell.





TER-390. This 13th Workshop cell, IHW#9433, was previously typed as TER-339 (2004), as correctly identified by Ball, Cook, Lefor, Mah, McIntyre, Stamm, and Tiercy.

In this present retyping, DRB1*1504 was detected by 72%. Two other DRB1*1504 exchange cells were TER-311 (2002) and TER-347 (2004).

DR15 was assigned by 91%.

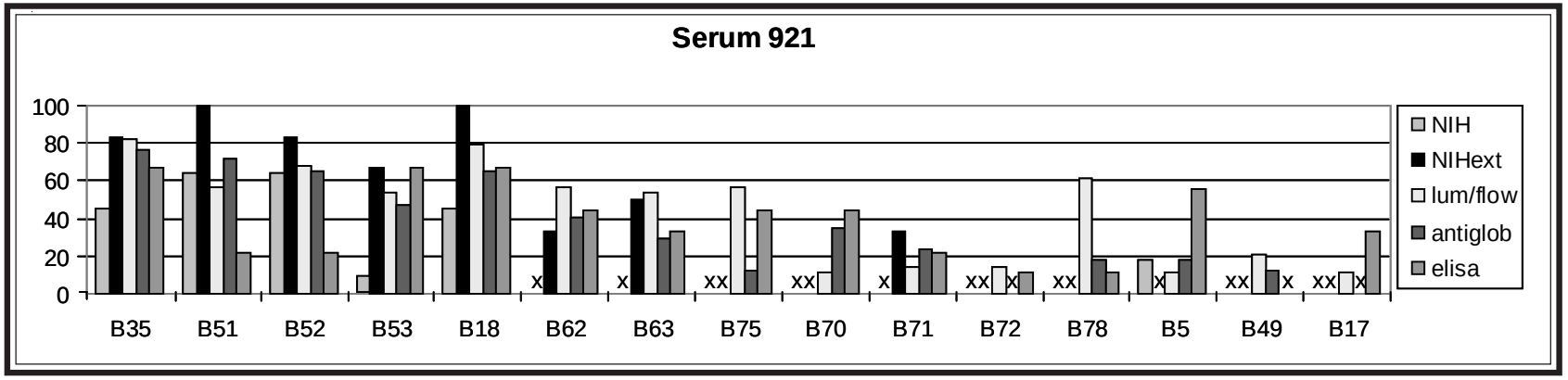
Darke reported DPA1*0103/07/09 and DPA1*0201. In the 2004 typing, Costeas reported DPA1*0103 and DPA1*0201

In the 2004 typing, DQA1*0102 and DQA1*0505 were typed in consensus. DQA1*0102 was reaffirmed by 93% in this present retyping. However, the second DQA1 type was not resolved. DQA1*0505 was assigned by 29% and DQA1*0505/09 by 43%. The new DQA1*0509 was assigned by van den Berg-Loonen, using the SBT method for DQA1 typing described by Voorter and van den Berg-Loonen (1).

The likely haplotypes in this cell were DRB1*1101-DRB3*0202-DQB1*0301-DQA1*0505/09 and DRB1*1504-DRB5*0101-DQB1*0502-DQA1*0102. The same DRB1*1504 haplotype was found in TER-311. DRB1*1504-DQB1*0602 was found in the other DRB1*1504 cell, TER-347.

DPB1*0401 (*040101) and DPB1*1301 were the DPB1 types. DPB1*1301 was reported by 56% and DPB1*1301/*0901 by 44%.

Serum Exchange

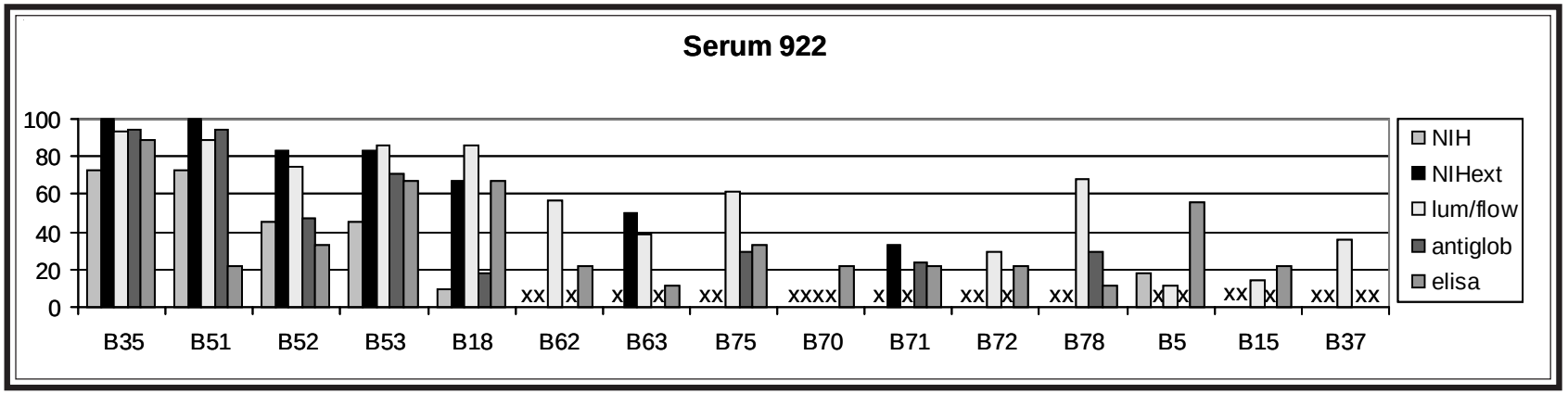


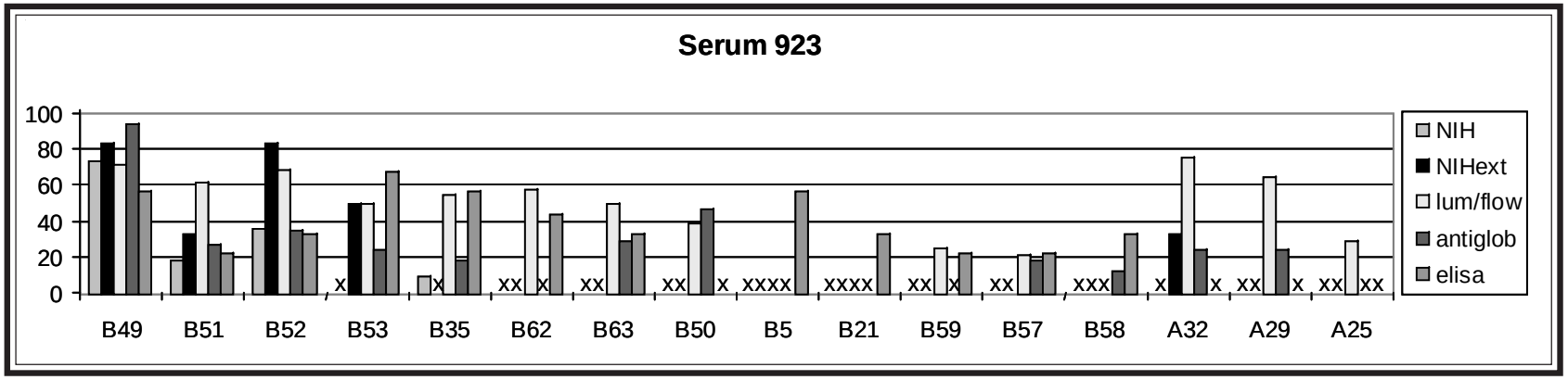
The 4 sera (**921-924**) in this month's study were positive to B35, B51, B52, B53, and B18, that is, to the "4c" epitope. Labs using Luminex, flow, and ELISA reported additional reactivity to various B15 specificities and B78. In particular, the reactivity patterns of sera 921, 922, and 924 were nearly identical to each other.

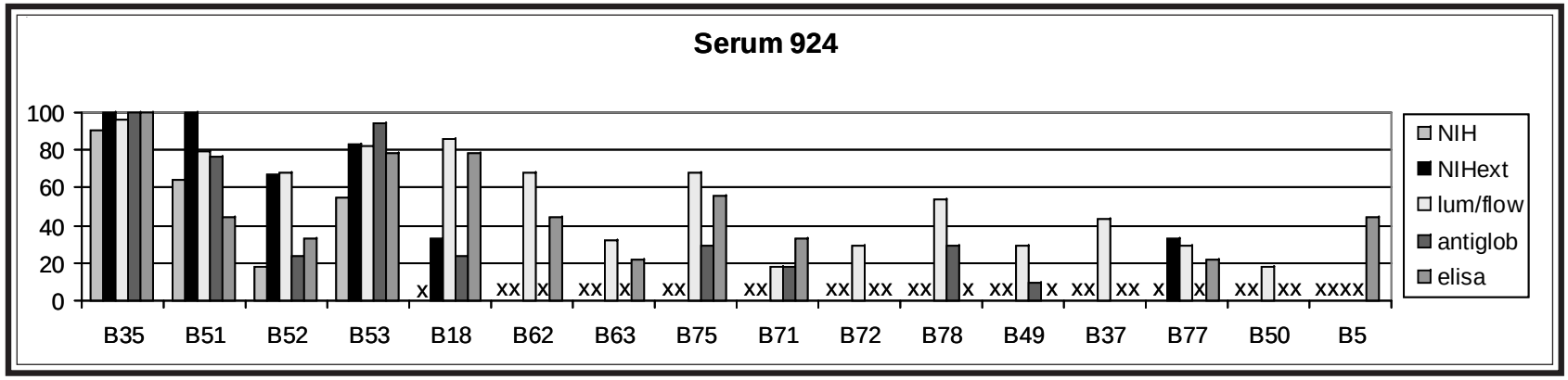
Serum 923, on the other hand, demonstrated strong reactivity to B49, B51, B52, B53, varied reactivity to B35, and very weak reactivity to B18. Labs using more sensitive techniques also reported A29 and A32.

Serum 921 was previously studied as sera 749 (2002) and 874 (2005).

Sera 922 and 923 were previously studied as sera 876 (2005) and 683 (2000), respectively.







Cook shared the following findings, after performing DNA PCR-RSSOP on DNA extracted from the samples:

Sample ID — Suspected sensitizing antigen (in bold)

Ter 921 — A*6801 group, A*01 group (cannot exclude A*3601). Additional extra reactivity. B*27 group, B*44 group (cannot distinguish between B*4402 or B*4403). Cw*05 group, Cw*02 group, Cw*0102 group.

Ter 922 — A*01 group (cannot exclude A*3601), A*09 group (cannot distinguish between A*23 and A*24), A*33 group, A*6801 group. B*4004/64, B*4403/13/26/32/35/36/38/39, **B*7801**. Cw*0304/06/09/19/23/24/26/28, Cw*1402/04/07N/08. Extra reactions to Cw*02, 17.

Ter 923 — A*01 (cannot exclude A*3601), A*29. Additional extra reactivity. B*37, B*4004/64, **B*21** (cannot distinguish between B*49 and B*50). Cw*03, Cw*06 (extra reactions to Cw*17).

Ter 924 — No analyzable products.

For Ter 922, HLA-B78 is present and suspected to be one of the sensitizing antigens/fetal alleles and is suspected to be a principal immunogen giving rise to HLA antibodies in this sample. For Ter 923, HLA-B21 is present and suspected to be one of the sensitizing antigens/fetal alleles and is suspected to be a principal immunogen giving rise to HLA antibodies present in this sample.

Extract Exchange

We wish to acknowledge the following labs for their generous collaboration: **Doug Smith, Baylor University Medical Center, Dallas; Eric Mickelson and John Hansen, Fred Hutchinson Cancer Research Center, Seattle;** and **Cintia Marcos and Leonardo Fainboim, Hospital de Clinicas Jose de San Martin, Buenos Aires** .

The labs were given the opportunity to type the reference cell for the new A*3114N, as well to evaluate their typing ability in differentiating subtypes in large families of alleles. This month's study featured the A*0205, B*0705, B*2702, and B*5108 subtypes.

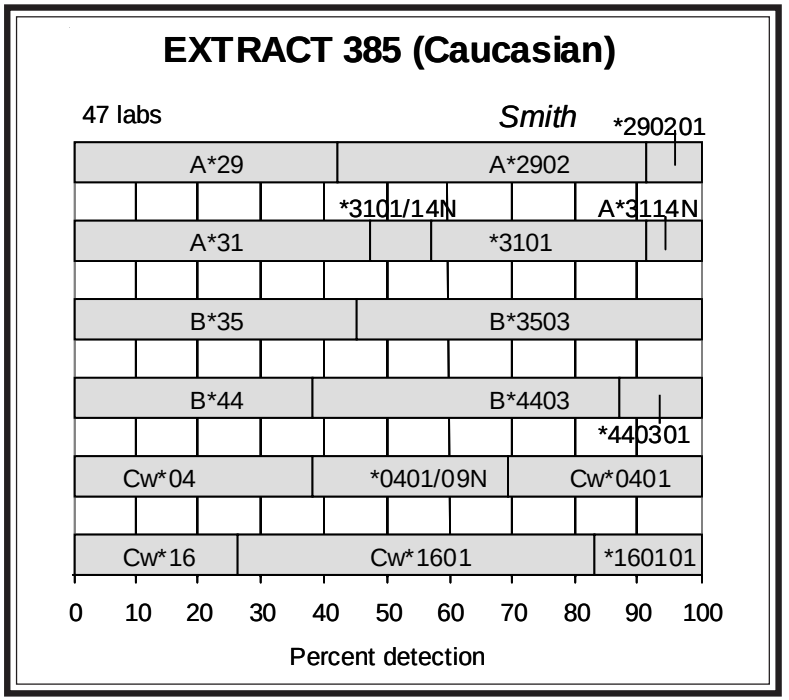
Extract 385. This cell from a Caucasian donor was DSA31N, the reference cell for the new null allele, A*3114N (2), as correctly identified by McIntyre. Smith et al. observed discrepant results between serologic and molecular-based typing results for this cell during routine typing for prospective bone marrow transplant, i.e. A*29 and A*31 were found, however, serologic typing detected A29 only, no A31. Further investigation showed a frame-shift mutation at the beginning of exon 4, and after separating the A-locus sequences, "The result showed that the frame-shift mutation occurred in the HLA-A*31 allele where an extra C was inserted at 629 bp at the end of a string of seven Cs."

A*3114N was assigned by Ellis, McIntyre, Scornik, and Wernet. Five other labs (Chen, Cook, Hidajat, Hurley, Reed) reported A*3101/11N. However, it should be emphasized that A*3101 (34%) was misassigned by over a third of the labs. In a 2005 study with a null allele, A*2411N, in cell 1229 from an Asian Indian individual, A*2402 was misassigned by 20%. The clinical implications of missing a null allele may be detrimental, leading to a major antigen mismatch and may result in GVHD or graft rejection, as discussed by a number of investigators (3,4).

B*4403 was reported by 62%. Anthony Nolan Trust and Phelan commented that a variant was possible.

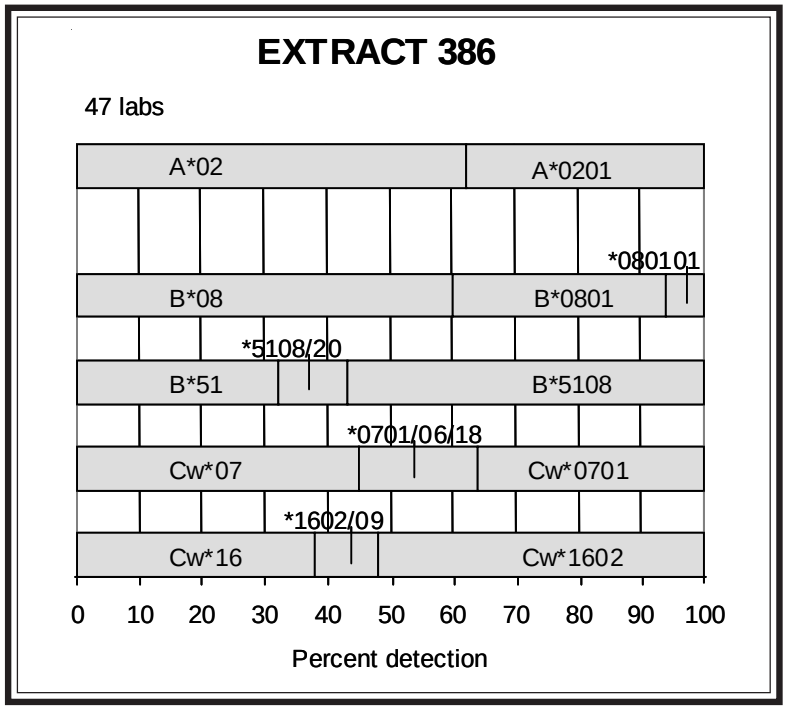
Family studies and this present study indicated that the null allele was on the A*311N-B*3503-Cw*0401-DRB1*0701-DRB4*0101-DQB1*0202 haplotype. The other haplotype was A*2902-B*4403 (*440301)-Cw*1601 (*160101)-DRB1*0701-DRB4*0101-DQB1*0202.

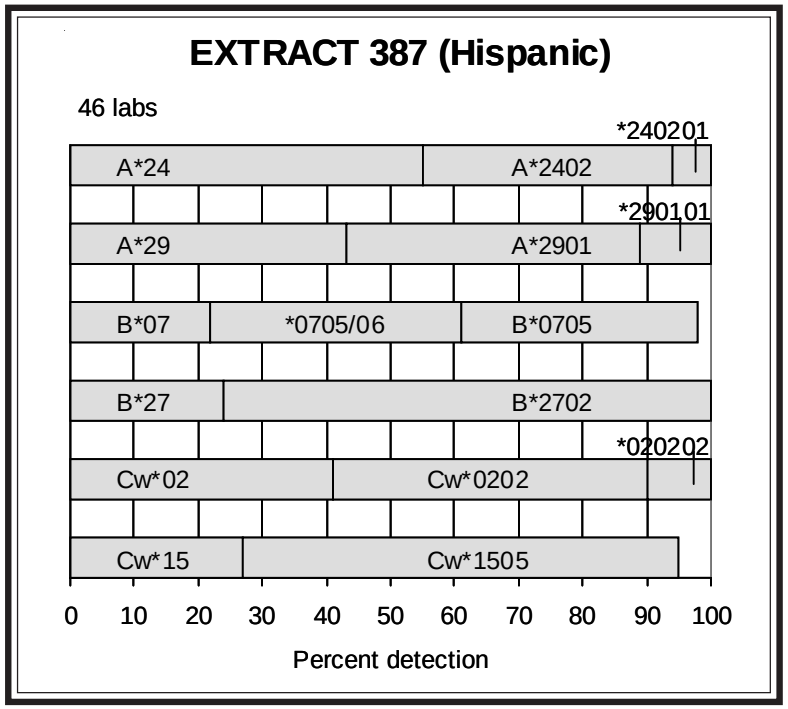
Smith et al. included sequence alignments of a number of A-locus null alleles, showing that the same frame-shift mutation found in this new null allele is also present in 5 others, including A*0101N, A*0321N, A*1121N, A*2307N, and A*2411N (Figure 1).




```
          620         630         640         650         660         670
A*310102 A CCCCCCC.AAG ACGCATATGA CTCACCACGC TGTCTCTGAC CATGAGGCCA
A*3114N  - -------C--- ---------- ---------- ---------- ----------
A*0104N  - -------C--- --A------- -C------C- CA-------- ----------
A*0321N  - -------C--- --A------- -C------C- CA-------- ----------
A*1121N  - -------C--- --A------- -C------C- CA-------- ----------
A*2307N  - -------C--- --A------- -C------C- CA-------- ----------
A*2411N  - -------C--- --A------- -C------C- CA-------- ----------
```

Figure 1. from Smith et al. (2).





Extract 386. This cell was typed in the 13th Workshop as IHW#9404.

B*5108 was detected by 57%. This same allele was previously typed in extract 93 (AsIndian), which was NDS-DG (5), the B*5108 reference cell, as well as in cell 1299 (Hispanic) in this month's Cell Exchange study.

The second B-locus type was B*0801, as assigned by 40%.

Cw*0701 (43%) and Cw*1602 (52%) were the C-locus types.

A*0201-B*5108-Cw*1602 and A*0201-B*0801-Cw*0701 were the probable haplotypes.

Extract 387. This cell from an Hispanic donor was studied in the 13th Workshop as IHW#9380.

B*0705 was assigned by 37%. Another 39% reported B*0705/06. B*0705 was previously typed in cells 926 (Black) and 1262 (Filipino).

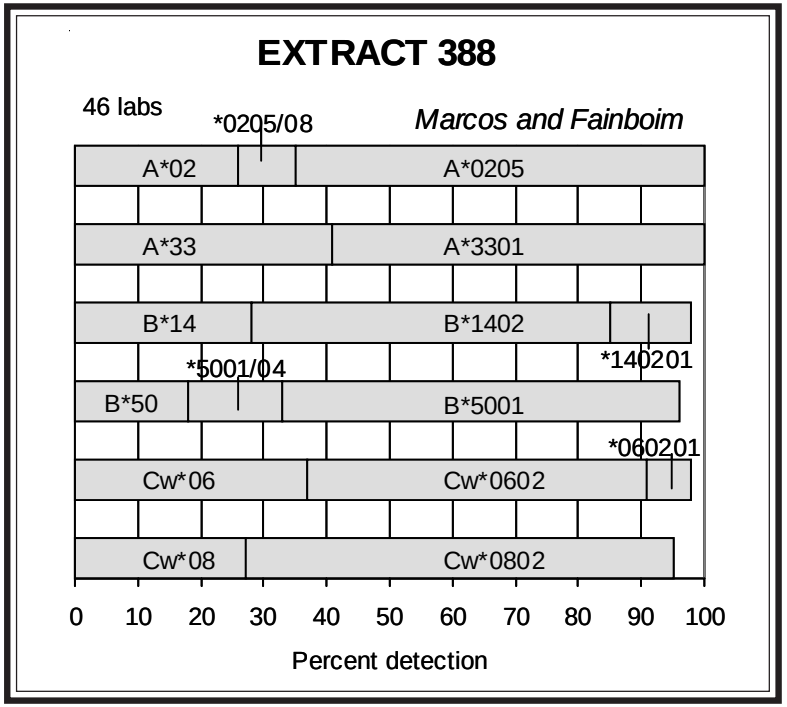
B*2702 (76%) was detected by the majority. B*2702 was previously typed in extract 224 (Hispanic), as well as in cells 994 (Hispanic) and 1189 (Caucasian).

The C-locus alleles were Cw*0202 (*020202) (59%) and Cw*1505 (68%).

The likely associations were B*0705-Cw*1505 and B*2702-Cw*0202.

Extract 388. This cell was well typed as A*0205, A*3301, B*1402, B*5001, Cw*0602, Cw*0802.

The strong associations of B*1402-Cw*0802 and B*5001-Cw*0602 were likely present in this cell. Although no ethnic information was provided for this donor, studies of major U.S. populations by Cao et al. (6) determined that the B*1402-Cw*0802 was found at high frequencies in all groups, except in Asians, and that the frequency of B*5001-Cw*0602 was high in Hispanics (HF=0.0214) and Caucasians (HF=0.0094).



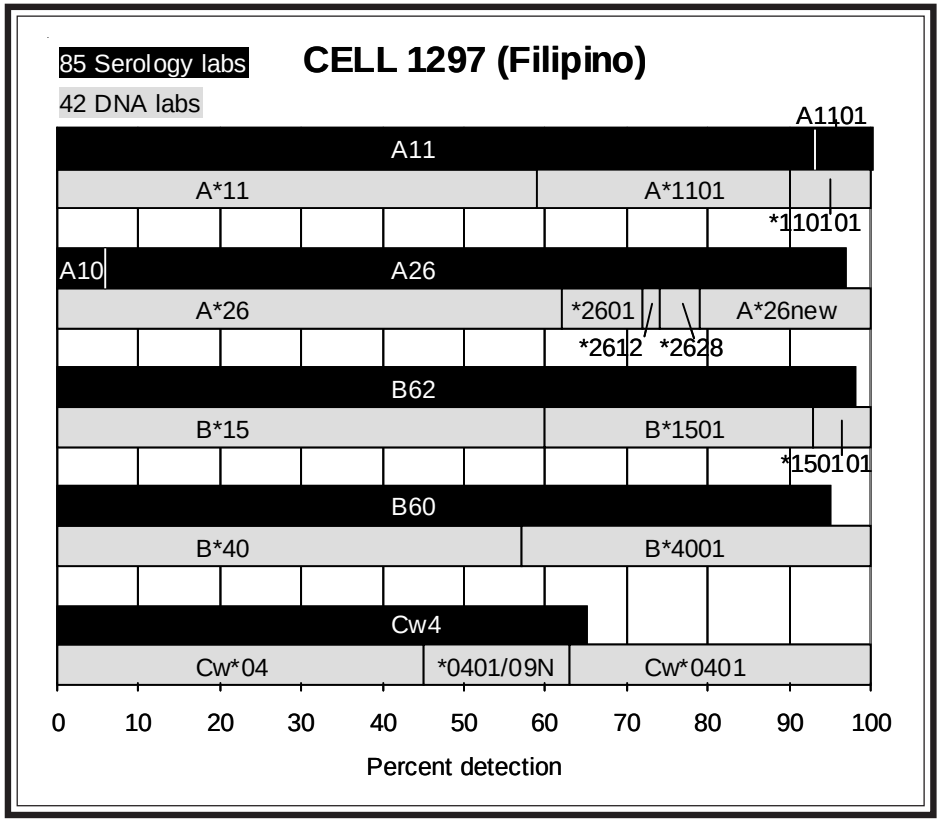
Cell Exchange

Cell 1297. A novel A26 was detected in this cell from a Filipino donor. By serology, A26 was assigned by 91%, with Hahn, Holdsworth, Lefor, and Satake noting unusual reactivity with anti-A10 sera. Holdsworth commented that it was unusual to find A26 in a Filipino individual. By DNA typing, A*26 was assigned in complete agreement, with 10% reporting A*2601, and other alleles, such as A*2612 and A*2628, were assigned. Ten labs (Claas, Cook, Ellis, Mayr and Fischer, J.Lee, Loewenthal, Satake, Tiercy, van den Berg-Loonen, Yu) detected a new sequence. According to Cook, Mayr and Fischer, Loewenthal, Satake, Tiercy, van den Berg-Loonen, and Yu, the new sequence differed from A*2601 in codon 151, at position 524 (A→G), resulting in an amino acid change of histidine (CAT) to arginine (CGT). Also, Claas and van den Berg-Loonen noted that when compared to A*2628, the sequence had one mismatch at pos 517 (G→A), with an amino acid change of alanine to threonine at position 149. We appreciate the alignments of the relevant portions of exon 3 and of the mature protein submitted by van den Berg-Loonen (Figure 2) and the sequence alignment information shared by Fischer (Figure 3).

```
                    510         520         530         540
A*01010101  CAAGCGCAAG TGGGAGGCGG TCCATGCGGC GGAGCAGCGG
A*260101    -C--------- ------A--- C-----A--- -------T--
A*26 NEW    -C--------- ------A--- C--G--A--- -------T--
A*2628      -C--------- ---------- C--G--A--- -------T--

                   150         160
A*01010101    QITKRKWEAV HAAEQRRVYL
A*260101      ---Q----TA -E---W-A--
A*26NEW       ---Q----TA RE---W-A--
A*2628        ---Q-----A RE---W-A--
```

Figure 2. from van den Berg-Loonen, University Hospital Maastricht, 4/27/07.



B62 (98%) and B60 (95%) were well typed, confirmed as B*1501 and B*4001, respectively.

Cw4 (65%), verified as Cw*0401, was the sole C-locus allele.

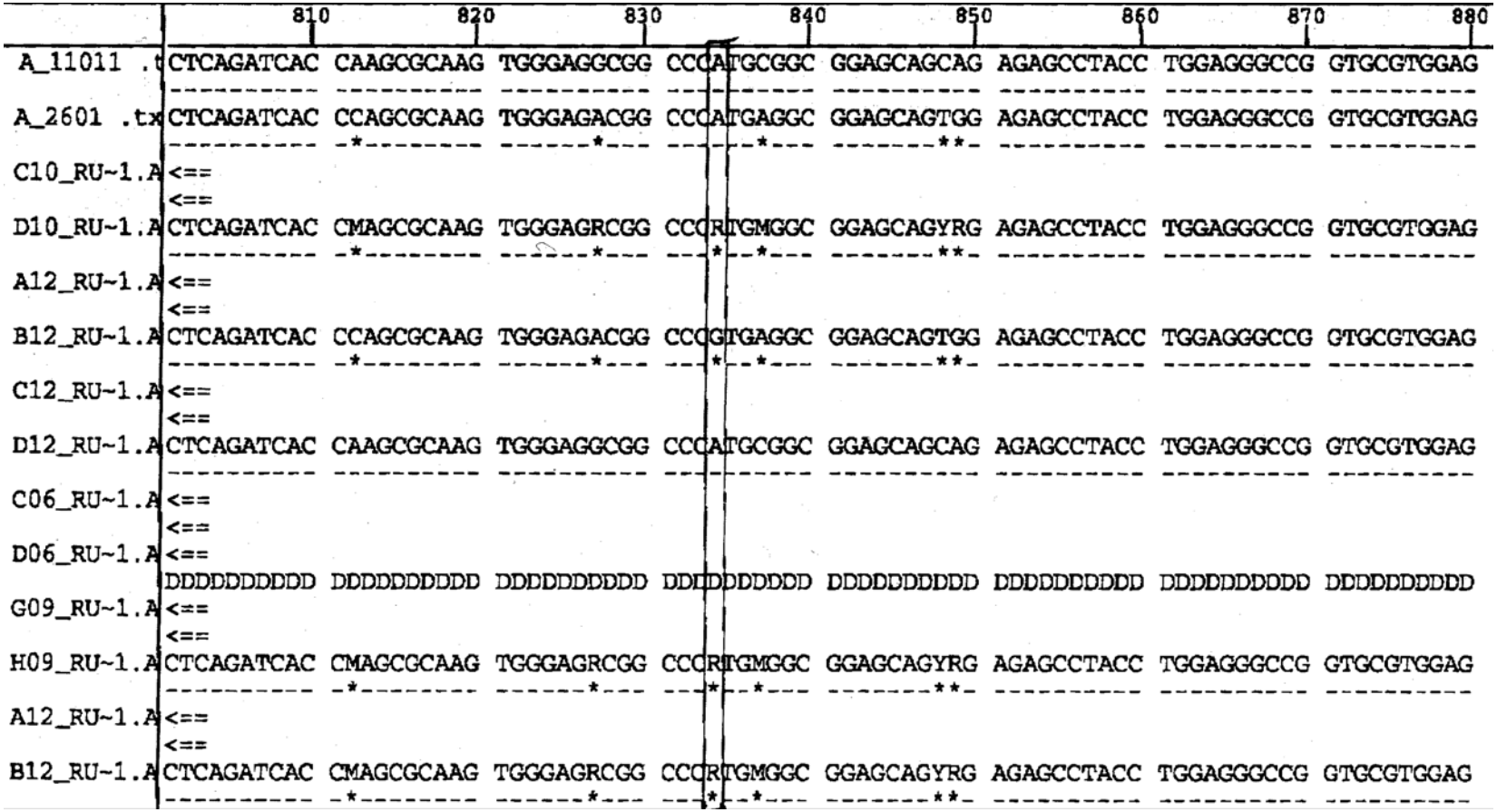
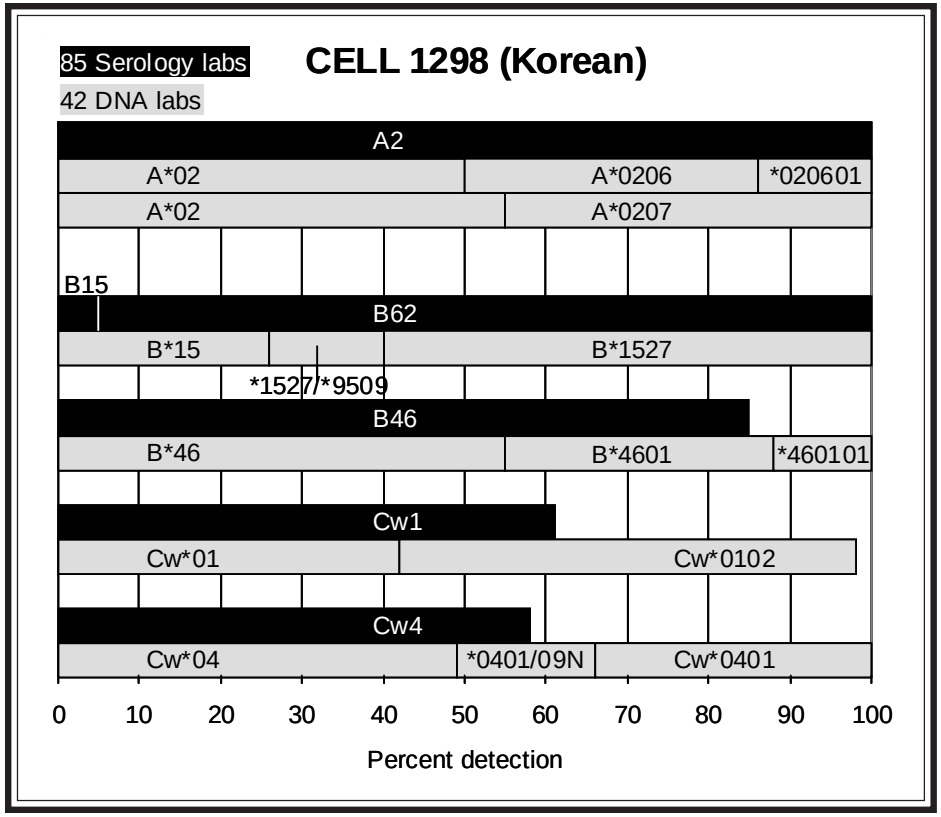


Figure 3. from Fischer, Klin. Abteilung F.Blutgruppenserologie, Vienna, 5/1/07.



Cell 1298. B62 (95%) was typed in consensus in this cell from a Korean individual. Hahn and Ward commented that a variant was present. The B*15 allele, B*1527, as detected by 60%, was typed for the first time in the Cell Exchange. Another 14% reported B*1527/*9509. B*1527 and B*9509 differ by one substitution at codon 43 (CCG→CTG)

The serologic detection of B46 (85%) was somewhat hampered by the presence of B62. The average detection rate for 5 B46 cells typed between 2005 and 2006 was 93%. B*46 was reported by 100%, with 45% assigning B*4601.

Two different A*02 subtypes, A*0206 (50%) and A*0207 (45%), were present.

Cw1 (61%) and Cw4 (58%) were confirmed as Cw*0102 (56%) and Cw*0401 (34%), respectively.

The probable haplotypes in this cell were A*0207-4601-Cw*0102, with HF=.0413, the second highest haplotype frequency in U.S. Asians (6), and A*0206-B*1527-Cw*0401.

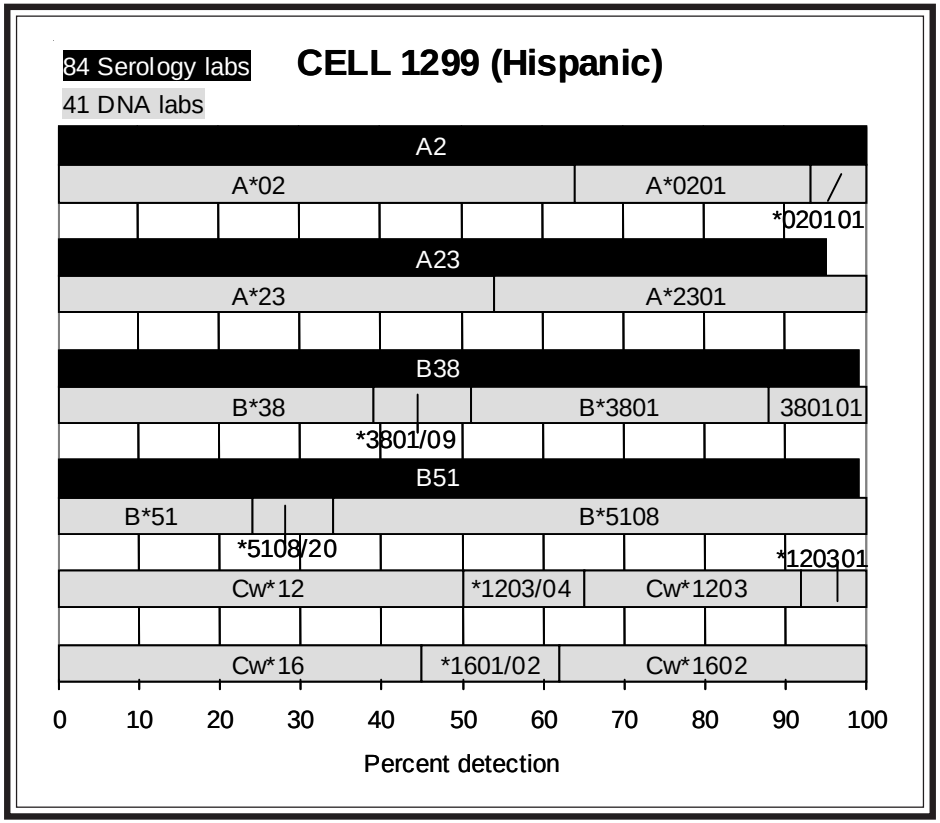
Cell 1299. This Hispanic donor was previously typed as cell 1269 (2006) and 1242 (2005), as correctly identified by Barnardo, Cook, Darke, Moses and Dunckley, Fotino, Harville, Holdsworth, Israel, Lefor, McAlack, Rubocki, and Stamm.

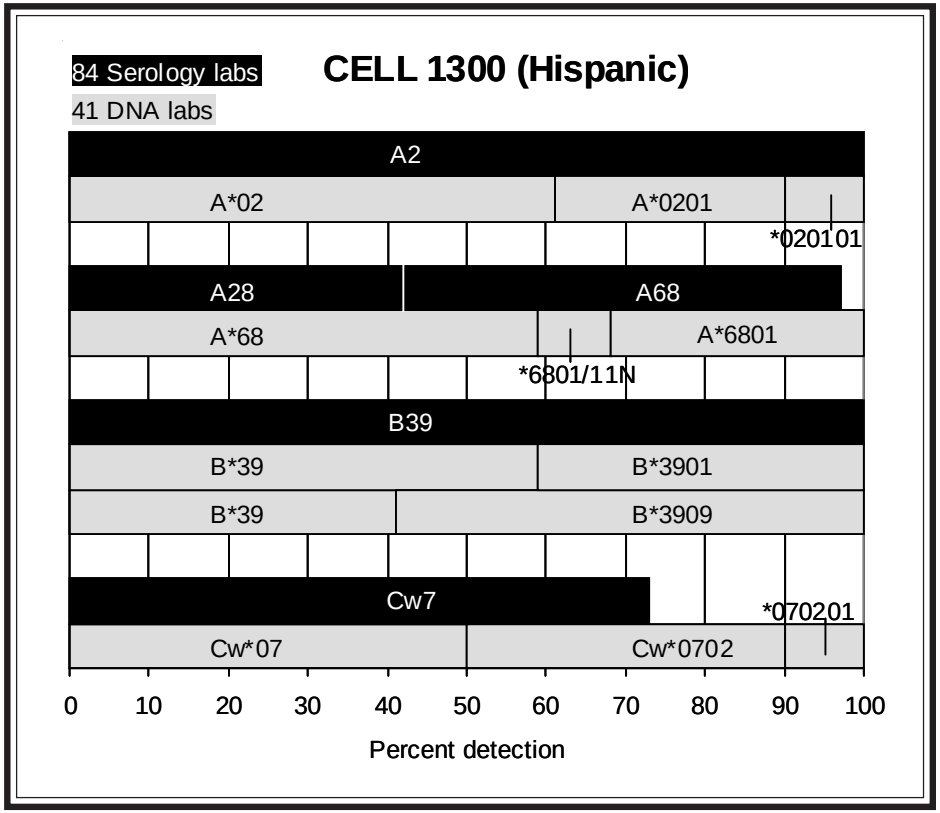
In this present retyping, B51 (99%) was well detected, by 95%. Several labs (Williams and Cicciarelli, Holdsworth, J.Klein, Lefor, McAlack, McCluskey) noted short anti-B51 reactivity. B*5108 was reported by 66% and another 10% assigned B*5108/20.

B38 (99%) was assigned in nearly complete consensus, confirmed as B*3801 by 49%.

Cw*1203 (*120301) and Cw*1602 were the C-locus alleles. No C-locus types were detected by serology.

B*3801-Cw*1203 and B*5108-Cw*1602 were the probable associations in this cell. The haplotypes were likely A*0201-B*5108-Cw*1602 and A*2301-B*3801-Cw*1203. A*0201-B*5108-Cw*1602 was also observed in the reference cell NDS-DG, typed as extract 93, and in extract 386, described in this present report.





Cell 1300. This cell from an Hispanic individual was previously typed as cell 1270 (2006), as commented by Cook, Darke, Moses and Dunckley, Harville, Lefor, Mah, McAlack, and McCluskey.

B39 was typed in complete agreement in this retyping. B14 was reported by 6% and B64 by 2%, and comments of extra or weak reactivity with anti-B14 sera were given by Williams and Cicciarelli, Hahn, Lefor, Mah, and Steinberg. Two different B*39 subtypes were present, B*3901 (41%) and B*3909 (59%). B*3909 was previously typed in cells 1116 (Hispanic), 1150 (Viet), and 1193 (also 1161) (Hispanic), as well as in extracts 236 and 318 (also 209) (Hispanic).

A2 (100%) and A68 (55%) were verified as A*0201 (39%) and A*6801 (32%), respectively. In the 2006 typing, van den Berg-Loonen confirmed the following after performing additional testing to resolve ambiguities:

1) A*020101, *not A*020108, A*020111, A*0209, A*0243N, A*0266, A*0275, A*0283N, and A*0289*, by SBT of exon 4
2) A*680102, *not A*6811N*, by sequencing exon 4

Cw7 (73%), corroborated as Cw*0702 (50%) was the sole C-locus type. Lefor remarked that B*3909 is frequently found in association with Cw*0702 in Hispanic populations.

References

1. Voorter CEM and van den Berg-Loonen EM. Sequence-based typing of the complete coding sequence of DQA1 and phenotype frequencies in the Dutch Caucasian population. Hum Immunol 2006;67:756.

2. Smith DM, Gardner WB, Baker JE, et al. A new HLA-A*31 null allele, A*3114N. Tissue Antigens 2006;68:524.

3. Magor KE, Taylor EJ, Shen SY, et al. Natural inactivation of a common HLA allele (A*2402) has occurred on at least three separate occasions. J Immunol 1997;158:5242.

4. Elsner H-A and Blasczyk R. Immunogenetics of HLA null alleles: implications for blood stem cell transplantation. Tissue Antigens 2004;64:687.

5. Vilches C, Bunce M, de Pablo R, et al. Complete coding regions of two novel HLA-B alleles detected by phototyping (PCR-SSP) in the British Caucasoid population: B*5108 and B*5002. Tissue Antigens 1997;50:38.

6. Cao K, Hollenbach J, Shi X, et al. Analysis of the frequencies of HLA-A, B, and C alleles and haplotypes in the five major ethnic groups of the United States reveals high levels of diversity in these loci and contrasting distribution patterns in these populations. Hum Immunol 2001:62:109.

NEXT MAILING DATE: June 6, 2007

Marie Lau, Min S. Park, J. Michael Cecka, and Elaine F. Reed

PARTICIPATING CENTERS

NAME	CITY	STATE/COUNTRY
(W.H.O. LABS)		
Mayr,Prof W.R.	Vienna	
Abbal,Prof M.	Toulouse Cedex	
Adams,Sharon	Bethesda	MD
Allegheny General Ho	Pittsburgh	PA
Alonso,Antonio	Malaga	
Alvarez & Carrett,	Montevideo	
Anthony Nolan Trust	London	England
Balazs,Ivan	Stamford	CT
Ball,Dr Edward	London	ON
Barnardo,Dr Martin	Oxford	England
Berka PhD,Noureddine	Washington	DC
Blasczyk,Prof Rainer	Hannover	
Bow PhD,Laurine	Hartford	CT
Brown,Dr Colin	London	England
Bunce,Dr Mike	Bromboroug,Wir	
Burger,Joe	Columbia	MO
Cantwell,Linda	Parkville	
Carrington & Martin,	Frederick	MD
Cecka PhD,Michael	Los Angeles	CA
Chan MD,Prof Soh Ha	Singapore	
Charlton PhD,Ronald	Jacksonville	FL
Charoenwongse MD,Pre	Bangkok	
Charron,Prof D.	Paris Cedex 10	
Chen,Dr Dongfeng	Durham	NC
Chongkolwatana & Vej	Bangkok	
Choo MD,Yoon	Valhalla	NY
Christiansen & Wit,	Perth - West A	
Ciccia/Williams,	San Diego	CA
Claas,Prof F.H.J.	Leiden	
Cohen & Sumyuen,	Reims	
Colombe PhD,Beth W.	Philadelphia	PA
Cook PhD,Daniel J.	Cleveland	OH
Costeas,Dr Paul A.	Nicosia	
Crowe PhD,Deborah	Nashville	TN
Daniel PhD,Claude	Laval	PQ
Daniel,Dr Dolly	Tamil Nadu	
Danilovs PhD,John	Phoenix	AZ
Darke,Dr Christopher	Pontyclun	Wale
Davidson & Poulton,D	Manchester,	En
Davis PhD,Mary	Stamford	CT
Dinauer,David	Brown Deer	WI
Dormoy,Dr Anne	Strasbourg	
Du PhD,Keming	Shanghai	
Du Toit MD,Ernette	Cape Town	
Dunckley PhD,Heather	Sydney	NSW
Dunk,Arthur	Lauderhill	FL
Dunn PhD,Paul	Auckland	
Dunn,Dr Dale	Lubbock	TX
Dupont MD,Bo	New York	NY
Duquesnoy PhD,Rene	Pittsburgh	PA
Gillespie,Dr Kathlee	Bristol	
Gladman/Pellett,	Toronto	ON
Goggins,R.	New Haven	CT
Graff,Dr Ralph J.	St Louis	MO
Hahn PhD,Amy B.	Albany	NY
Hajeer,Dr Ali	Riyadh	
Hamdi,Dr Nuha	Riyadh	
Han,Dr Hoon	Seoul	
Harville/ACH,	Little Rock	AR
Harville/UA,	Little Rock	AR
Henrico Doctors' Hos	Richmond	VA
Hidajat,Melanny	Brugge	
Hogan,Dr Patrick	Herston	QLD
Holdsworth,Rhonda	South Melbourn	
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	
Iwaki,Dr Yui	Loma Linda	CA
Kamoun MD,Malek	Philadelphia	PA
Kato MD,Shunichi	Isehara,Kanaga	
Keown MD,Paul	Vancouver	BC
Kim MD,Kyeong-Hee	Pusan	
Kim,Prof Tai-Gyu	Seoul	
Klein MD,Jon	Louisville	KY
Klein,Dr Tirza	Petach Tikva	
Kohara,Setsuko	Nagoya, Aichi	
Kopko MD,Patricia	Sacramento	CA
Kotsch PhD,Katja	Berlin	
KuKuruga PhD,Debra	Baltimore	MD
Kusnierczyk,Piotr	Wroclaw	
Kvam,Vonnett	Waukesha	WI
Land,Dr Geoffrey A.	Houston	TX
Lardy,Dr N.M.	Amsterdam	
Lazda PhD,Velta A.	Elmhurst	IL
Lebeck PhD,Lauralynn	La Jolla	CA
Lee MD,Wee Gyo	Suwon	
Lee PhD,Kyung Wha	Anyang,Kyungki	
Lee,Dr Jar-How	Canoga Park	CA
Leech MD PhD,Stephen	Philadelphia	PA
Lefor PhD,W.M.	Tampa	FL
Lo MD,Raymundo W.	Quezon City	
Loewenthal MD PhD,Ro	Tel-Hashomer	
Lopez-Larrea PhD,Car	Oviedo	
MacCann,Eileen	Providence	RI
Mah,Helen	Boston	MA
Mani,Dr Rama	Chennai,Tamil	
Marcos,Cintia Y.	Buenos Aires	
Marsh,Dr Steven	London	England
Masuo,Kiyoe	Tokyo	
McAlack PhD,Robert	Philadelphia	PA
McAlack-Balasub,	Philadelphia	PA
Olerup,Olle	Saltsjobaden	
Ozawa,Mikki	Los Angeles	CA
Pahl,Dr Armin	Geesthact	
Paik MD,Young K.	Honolulu	HI
Pais,Dr Maria Luisa	Coimbra	
Pancoska PhD,Carol	Springfield	NJ
Park MD,Myoung Hee	Seoul	
Park,Jong-Sun	Seoul	
Partanen PhD,Jukka	Helsinki	
Pereira,Noemi F.	Curitiba	Paran
Phelan,Donna	St Louis	MO
Pollack PhD,Marilyn	San Antonio	TX
Rajczy & Gyodi,Drs	Budapest	
Reed PhD,Elaine F.	Los Angeles	CA
Reed PhD,Elaine F.	Los Angeles	CA
Reinke MD,Dennis	Bismarck	ND
Reinsmoen PhD,Nancy	Los Angeles	CA
Richard,Lucie	Sainte-Foy	QC
Rosen-Bronson PhD,Sa	Washington	DC
Rosenberg MD,J.C.	Ann Arbor	MI
Rubocki PhD,Ronald	Scarborough	ME
Sage,Dr Deborah	London	England
Satake MD,Masahiro	Tokyo	
Sauer,Norbert	Lich	
Schroeder MD,M.L.	Winnipeg	MB
Scornik,Dr Juan C.	Gainesville	FL
Semana MD PhD,Gilber	Rennes	
Senitzer PhD,David	Duarte	CA
Shainberg PhD,Bracha	Rehovot	
Smith/Baylor,	Dallas	TX
Smith/MI,	Ann Arbor	MI
Snider PhD,Denis	Buffalo	NY
Spannagl,Dr Michael	Munich	
Stamm,Luz	Calgary	AB
Stavropoulos-Gi,Dr C	Athens	
Steinberg,Karen	Canoga Park	CA
Stewart,Dod	New Orleans	LA
Suciu-Foca PhD,Nicol	New York	NY
Sullivan PhD,Karen	New Orleans	LA
Tagliere,Jacque	Los Angeles	CA
Tavoularis,Dr Sofia	Ottawa	ON
Tbakhi,Dr Abdelghani	Riyadh	
Thoni MD,Deborah	Orlando	FL
Tiercy,Dr Jean-Marie	Geneva 14	
Trachtenberg PhD,Eli	Oakland	CA
Trowsdale,Prof John	Cambridge	
Turner PhD,E.V.	Memphis	TN
Uhrberg,Dr Markus	Dusseldorf	
Vaidya PhD,Smita	Galveston	TX
Van Den Berg-Lo,Prof	Maastricht	
Varnavidou-Nico,Dr A	Nicosia	
Vidan-Jeras,Blanka	Ljubljana	
Vilches,Dr Carlos	Madrid	

Eckels/CP,	San Francisco	CA	McCluskey,Prof James	Adelaide		Walter Reed Army Med	Washington	DC
Eckels/Utah,	Salt Lake City	UT	McIntyre PhD,John A.	Beech Grove	IN	Ward,Dr William	Hyattsville	MD
Ellis PhD,Thomas	Milwaukee	WI	Middleton,Prof Derek	Belfast		Wassmuth,Prof Ralf	Dresden	
Esquenazi PhD,Violet	Miami	FL	Miller,Dr Joshua	Miami	FL	Watkins PhD,David I.	Madison	WI
Esteves-Kondo,Debra	Canoga Park	CA	Montague,Bridget	Leeds England		Wernet,Prof Peter	Dusseldorf	
Fernandez-Vina PhD,M	Houston	TX	Moore MD,S.Breanndan	Rochester	MN	Williams,Marj	Allentown	PA
Fotino MD,Marilena	New York	NY	Murad,Dr Shahnaz	Kuala Lumpur		Wisecarver PhD,James	Omaha	NE
Foxcroft,Z.K.	Johannesburg		Mytilineos MD,Joanni	Ulm		Yamamori PhD,Shunji	Tokyo	
Furukawa,Yoko	Yokohama,Kanag		Nehlsen-Cannare,Dr S	Detroit	MI	Yu_Neng/ARC,	Dedham	MA
Gardiner PhD,Clair M	Dublin		Noche,Olivia	Brown Deer	WI	Yu_Neng/UMMMC,	Worcester	MA
Gautreaux,Dr Michael	Winston-Salem	NC	Noreen,Harriet	Minneapolis	MN	Zachary PhD,Andrea	Baltimore	MD
Gideoni,Osnat	Haifa		Norin,Dr Allen	Brooklyn	NY			

B-CELL LINE TER-389

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DPB1	DPB1X	METHOD
4079	Abbal,M.	*1301/69	*1502	*0202	*0102	*0601	*0608				P-SSO,SSP
5488	Adams,Sharon	*130101	*150201/19	*0202	*0102	*0601	*0608	*0103	*0602	*0901	SBT,SSP
2300	Allegheny Ge	*13	*15	*+	*+	*06					SSP
105	Ball,Edward	*1301	*1502	*0202	*0102	*0601	*060801	*0103	*0602	*0901	P-SSP
2020	Barnardo,Mar	*130101	*150201	*0202/05/11+	*0101-05/07-10N	*0601	*0608		*0402/*0602	*0901	
785	Chan,So Ha	*1301/02/15	*1501/02/13	*+		*0601	*0608	*0103			SBT
5232	Charlton,Ron	*1301	*1502	*01-*03	*01/*02	*0601	*0608				SSP
4492	Charron,D.	*1301	*1502	*0202	*0102	*0601	*0608	*0103	*0602	*0901	P-SSO,SSP
3224	Chen,Dongfen	*1301	*1502	*0202	*0102	*0601	*0608				SBT,SSP,SSO
3966	Chongolwatan	*1301	*1502	*0202	*0102	*0601	*0608				P-SSP
3632	Colombe,Beth	*1301	*1502	*0202	*0102	*0601	*0608				SSP
16	Cook,Daniel	*130101	*150201	*0202	*0102	*0601	*0608/21	*0103	*0402/*0602+	*0901+	RSSO,SSP,SBT
5130	Costeas,Paul	*1301	*1502	*0202	*0102	*0601	*0608	*0103			SSP
779	Daniel,Claud	*13	*150101-20+	*01-*03	*010101+/*0202+	*06					P-SSP
3625	Darke,Chris	*1301/28	*1502	*02	*01	*0601	*0608	*0103	*0602/*9401	*0901	P-SSP
4269	Dormoy,Anne	*130101	*150201	*020201	*0102	*0601	*0608		*0602	*0901	P-SSP,SBT
5891	Du,Keming	*1301	*1501/02/04+	*+	*+						P-SSO
3766	Dunn,Paul	*1301/28/35/51+	*1502/08/14	*02+	*0101/08N/10N	*0601	*0608/21				SSO
856	Dupont,Bo	*1301	*1502	*+	*+	*06	*0203				SSP,SSO
3511	Duquesnoy,Re	*1301	*1502	*0202	*0102	*0601	*0608				RVSSOP,SSP
5214	Eckels/CP	*13	*15	*02	*01	*0601	*06				SSOP
3428	Eckels/Utah	*1301	*1502/19								SBT
4251	Ellis,Thomas	*1301	*1502	*0202/12	*0102/08N	*0601	*0608				P-SSO,SBT
762	Fischer/Mayr	*1301	*1502	*0202	*0102/08N	*0601	*0608				SSO,SBT,LBT
8043	Gideoni,Osna	*1301	*1502			*0601	*0608				SSOP,SSP
910	Hahn,Amy B.	*1301	*1502/19	*0202	*0102	*0601	*0608				SSP
4691	Hajeer,Ali	*13	*15	*+	*+	*06	*06				ELISA
2344	Hurley/Hartz	*130101	*150201			*060101/0103	*060801				SBT,SSOP
771	Israel,Shosh	*1301	*1502			*0601	*0608				RVSSO,SSP
3261	Iwaki,Yui	*13	*15	*+	*+	*06					SSP
859	Kamoun,Malek	*1301	*1502	*0202	*0102	*0601	*0608				P-SSO,SSP
797	Kato,Shunich	*1301	*1502			*0601	*0608				SSO;SBT,SSP
4864	Kim,Kyeong-H	*13	*15								P-SSOP
4337	Kim,Tai-Gyu	*1301	*1502			*0601	*0608		*0402	*0901	SBT
168	Klein,Tirza	*1301	*1502	*0202	*0102	*0601	*0608				P-SSP,SSOP
87	Land,Geoffre	*1301	*1502	*0202	*0102	*0601	*0608	*0103	*0602	*0901	SBT,SSP
748	Lazda,Velta	*13	*15	*+	*+	*06					P-SSP
278	Lee,Jar-How	*1301	*1502	*0202	*0102	*0601	*0608	*0103	*0402/*0602+	*0901+	SSP,RVSSOP
640	Lee,Kyung Wh	*1301	*1502			*0601	*0608	*0103	*0402	*0901	P-SBT
6649	Lee,Wee Gyo	*13	*15	*+	*+						P-SSP
759	Lefor,W.M.	*1301/28/35/51+	*1502/08/14			*0601	*0608/21				RVSSO
274	Lo,Raymundo	*13	*15	*+	*+	*06					SSP
731	Loewenthal,R	*130101	*150201			*0601	*0604/08				SBT,SSP,SS0
23	Mah,Helen	*1301	*1502	*0202	*01	*0601	*0608				P-RFLP,SSP
8029	Mani,Rama	*13	*15	*+	*+	*06	*06				SSP
9916	McIntyre,Joh	*130101	*150201	*0202	*0102	*0601	*0608				SBT,SSP
8021	Montague,Bri	*130101	*150201/19	*0107/*02	*01/*02	*0601	*0608		*0402/*0602	*0901	P-SSP,SBT
792	Moore,S.Brea	*13	*15	*+	*+	*06					P-SSP
5323	Murad,Shahna	*1301/59	*1502	*02	*01	*06					P-SSP
774	Paik,Young K	*1301	*1502/19	*0202	*0102	*0601	*0608				SSP
8001	Pancoska,Car	*1301	*1502	*0202	*0102	*0601	*0608				RVSSO,SSP
5096	Park,Jong-Su	*13	*15								RVSSOP
794	Partanen,Juk	*1301	*1502/19	*0202	*0102	*0601	*0608	*0103	*0402/*0602	*0901	SBT,SSP,SSO
3648	Pereira,Noem	*130101	*1502/19			*0601	*0608				P-RVSSO,SBT
2400	Phelan,Donna	*1301	*1502	*02	*01	*0601	*0608				RVSSO
4689	Rajczy&Gyodi	*1301	*1502	*0202	*0102	*0601	*060801				P-SSP
3753	Reed,Elaine	*1301	*1502/19	*0202	*0102	*0601	*0608	*0103			SBT,SSP,SSO

B-CELL LINE TER-389

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DPB1	DPB1X	METHOD
782	Richard,Luci	*1301/68/69	*1502	*02	*01/*02	*0601	*0608				SSO,SSP
1160	Rosen-Bronso	*13	*15	*02	*01	*06					RVSSO
793	Rubocki,Rona	*13	*15	*+	*+	*06					SSP
8042	Shainberg,Br	*1301	*1502			*0601	*0608				P-SSP,SSO
5133	Smith/Baylor	*1301/28/35/57+	*1502/08/14	*0202/12	*0102/08N/10N	*0601	*0608/21				P-SSO
735	Smith/MI	*1301	*1502/19	*+	*+	*0601	*0608				SSP,SSOP,SEQ
746	Stamm,Luz	*1301	*1502/19	*02	*01/*02	*0601	*0608				RVSSOP,SSP
3904	Stewart,Dod	*1301	*1502	*020201/03+	*0102	*0601	*0608				P-SSP
13	Tagliere,Jac	*1301	*1502	*0202	*0102	*0601	*0608				SSP
2332	Tbakhi,Abdel	*1301	*1502	*01-*03	*01/*02	*0601	*0608				SSP
747	Tiercy,Jean-	*1301	*1502	*0202	*0102	*0601	*0608		*0602	*0901	P-SSO,SSP
4021	Trachtenberg	*13	*15	*02	*01/*0203	*0601	*0608				RVSSOP
5462	Turner,E.V.	*1301	*1502	*0202	*0102	*0601	*0608				SSP
5451	Van den Berg	*130101	*150201	*020201	*0102	*0601	*060801	*0103	*0602	*0901	SBT
5642	Varnavidou-N	*1301	*1502	*+	*+	*0601	*0608				P-SSP
705	Watkins,Dav	*1301	*1502/19	*01-*03	*01/*02	*06					SSP,SEQ
3135	Wernet,Peter	*1301	*1502/19	*0202	*0102	*0601	*0608		*0402/*0602+	*0901	SBT,P-SSP
5670	Williams,Mar	*13	*15	*+	*+	*06					SSP
2847	Yamamori,Shun	*13	*15			*06					SSP
1466	Yu_Neng/ARC	*130101	*150201	*0202/12	*0102/08N/10N	*0601	*060801	*0103	*0402/*0602	*0901	P-SSOP,SBT

CTR	DIRNAME	DR13	DR15	DR52	DR51	DQ1	OTH1	OTH2
16	Cook,Daniel	+	+	+	+	DQ6		
3766	Dunn,Paul	+	+	+	+	+		
2200	Furukawa,Yok			+	+	DQ5	DR16,DR3	DQ4
910	Hahn,Amy B.	+	+	+	+	+		
4908	Kvam,Vonnet	+	+	+	+	+		
725	Lardy,N.M.	+	+	+	+	+		
54	McAlack,Robe	+	+	+	+	DQ6		
8004	Pais,Maria L	NT						
2400	Phelan,Donna	+	+	+	+	DQ6		
793	Rubocki,Rona	+	+	+	+	+		
3904	Stewart,Dod	+	+	+	+	DQ6		

B-CELL LINE TER-389

77 DNA LABS

77 LABS REPORTING DRB1

DRB1*13	33%
DRB1*1301	53%
DRB1*130101	14%
DRB1*13	100% TOTAL
DRB1*15	29%
DRB1*1502/19	13%
DRB1*150201/19	3%
DRB1*1502	45%
DRB1*150201	10%
DRB1*15	100% TOTAL

72 LABS REPORTING DQB1

DQB1*06	21%
DQB1*0601	79%
DQB1*06	100% TOTAL
DQB1*06	28%
DQB1*0608	64%
DQB1*060801	7%
DQB1*06	99% TOTAL

63 LABS REPORTING DRB3

DRB3*+	32%
DRB3*0202	43%
DRB3*020201	3%
DRB3*02	22%

63 LABS REPORTING DRB5

DRB5*+	35%
DRB5*0102	44%
DRB5*01	19%

14 LABS REPORTING DQA1

DQA1*0103	100%

17 LABS REPORTING DPB1

DPB1*0402/*0602	41%
DPB1*0402	12%
DPB1*0602	41%
DPB1*0602/*9401	6%
DPB1*0901	100%

10 SEROLOGY LABS

DR13	90%
DR15	90%
DR52	100%
DR51	100%

DQ1	50%
DQ5	10%
DQ6	40%
DQ1	100% TOTAL

B-CELL LINE TER-390

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*1101	*1504	*0202	*0101	*0301	*0502					P-SSO,SSP
5488	Adams,Sharon	*110101	*1504	*0202	*0101	*030101	*050201	*0102	*05	*0401	*1301	SBT,SSP
2300	Allegheny Ge	NT										
105	Ball,Edward	*1101	*1504	*0202	*010101	*0301/19	*050201/05	*0102	*0505/09	*0401	*1301	P-SSP
2020	Barnardo,Mar	*1101	*1504	*0202/05+	*0101-05+	*0301/09	*050201			*0401/+	*1301/*0902	
785	Chan,So Ha	*1101/04	*1504/15	*+		*0301/13	*0502	*0102	*0501+			SBT
5232	Charlton,Ron	*1101	*1504	*01-*03	*01/*02	*0301	*0502					SSP
4492	Charron,D.	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505	*0401	*1301	P-SSO,SSP
3224	Chen,Dongfen	*1101	*1504	*0202	*0101	*0301	*0502					SBT,SSP,SSO
3966	Chongolwatan	*1101	*1504	*0202	*0101	*0301	*0502					P-SSP
3632	Colombe,Beth	*1101	*1504	*0202	*0101	*0301	*0502					SSP
16	Cook,Daniel	*110101	*1504	*0202	*0101	*0301/09	*0502	*01	*05	*040101	*1301/*0902	RSSO,SSP,SBT
5130	Costeas,Paul	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505/08			SSP
779	Daniel,Claud	*11	*150101-20+	*01-*03	*010101+/*02	*03(DQ7)	*050101-04					P-SSP
3625	Darke,Chris	*1101	*1504	*02	*01	*0301	*0502	*0102	*05	*0401	*1301	P-SSP
4269	Dormoy,Anne	NT										
5891	Du,Keming	*1101	*1501/02	*+	*+							P-SSO
3766	Dunn,Paul	*11	*1504/18	*02+	*01+	*0301/09	*0502					SSO
856	Dupont,Bo	*1101/11	*1504	*+	*01	*0301/09/13	*0502					SSP,SSO
3511	Duquesnoy,Re	*1101	*1504	*0202	*0101	*0301	*0502					RVSSOP,SSP
5214	Eckels/CP	*11	*15	*02	*01	*03(DQ7)	*0502					SSOP
3428	Eckels/Utah	*1101/30	*1504									SBT
4251	Ellis,Thomas	*1101	*1504	*0202/12	*0101	*0301	*0502					P-SSO,SBT
762	Fischer/Mayr	*1101	*1504	*0202	*0101	*0301/09	*0502					SSO,SBT,LBT
8043	Gideoni,Osna	*1101	*1504			*0301	*0502					SSOP,SSP
910	Hahn,Amy	*1101	*1504	*0202	*0101	*0301	*0502					SSP
4691	Hajeer,Ali	*11	*15	*+	*+	*03	*05					ELISA
2344	Hurley/Hartz	*110101	*1504			*030101/19	*050201					SBT,SSOP
771	Israel,Shosh	*1101	*1504			*0301	*0502					RVSSO,SSP
3261	Iwaki,Yui	*11	*15	*+	*+	*03(DQ7)	*05					SSP
859	Kamoun,Malek	*1101	*1504	*0202	*0101	*0301	*0502					P-SSO,SSP
797	Kato,Shunich	*1101	*1504			*0301/09	*0502					SSO,SBT,SSP
4864	Kim,Kyeong-H	*11	*15									P-SSOP
4337	Kim,Tai-Gyu	*1101	*1504			*0301	*0502			*0401	*1301	SBT
168	Klein,Tirza	*1101	*1504	*0202	*0101	*0301	*0502					P-SSP,SSOP
87	Land,Geoffre	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505	*0401	*1301	SBT,SSP
748	Lazda,Velta	*11	*15	*+	*+	*03	*05					P-SSP
278	Lee,Jar-How	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505/09	*0401+	*0902/*1301+	SSP,RVSSOP
640	Lee,Kyung Wh	*1101	*1504			*0301	*0502	*010201	*0505	*0401	*1301	P-SBT
6649	Lee,Wee Gyo	*11	*15	*+	*+							P-SSP
759	Lefor,W.M.	*1101/12+	*1504/05/18			*0301/09	*0502					RVSSO
274	Lo,Raymundo	*11	*15	*+	*+	*0301	*05					SSP
731	Loewenthal,R	*110101	*1504			*0301/09/13+	*0502/05					SBT,SSP,SSO
23	Mah,Helen	*1101	*1504	*0202	*01	*0301	*0502					P-RFLP,SSP
8029	Mani,Rama	*11	*15	*+	*+	*03	*05					SSP
9916	McIntyre,Joh	*1101	*1504	*0202	*0101	*0301/19	*0502/05					SBT,SSP
8021	Montague,Bri	*1101	*1504	*0107/*02	*01/*02	*0301	*0502			*0401	*1301/*0902	P-SSP,SBT
792	Moore,S.Brea	*11	*15	*+	*+	*03(DQ7)	*05					P-SSP
5323	Murad,Shahna	*1101/49	*1504	*02	*01							P-SSP
774	Paik,Young K	*1101	*1504	*0202	*0101	*0301	*0502					SSP
8001	Pancoska,Car	*1101	*1504	*0202	*0101	*0301	*0502					RVSSO,SSP
5096	Park,Jong-Su	*11	*15									RVSSOP
794	Partanen,Juk	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505	*0401	*1301/*0902	SBT,SSP,SSO
3648	Pereira,Noem	*1101	*1504			*0301	*0502					P-RVSSO,SBT
2400	Phelan,Donna	*1101	*1504	*02	*01	*0301	*0502					RVSSO
4689	Rajczy&Gyodi	*1101	*1504	*0202	*010101	*0301/19	*0502					P-SSP
3753	Reed,Elaine	*1101	*1504	*0202	*0101	*0301	*0502	*0102	*0505/09			SBT,SSP,SSO

B-CELL LINE TER-390

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
782	Richard,Luci	*1101	*1504	*02	*01	*0301/19	*0502/05					SSO,SSP
1160	Rosen-Bronso	*11	*15	*02	*01	*03	*05					RVSSO
793	Rubocki,Rona	*11	*15	*+	*+	*03(DQ7)	*05					SSP
8042	Shainberg,Br	*1101	*1504			*0301	*0502					P-SSP,SSO
5133	Smith/Baylor	*11	*15	*0202/12	*0101/04/05	*0301/09	*0502					P-SSO
735	Smith/MI	*1101	*1504	*+	*+	*0301	*0502					SSP,SSOP,SEQ
746	Stamm,Luz	*11101/51	*1504	*02	*01	*0301	*0502					RVSSOP,SSP
3904	Stewart,Dod	*1101	*1504	*020201/03+	*010101	*0301	*0502					P-SSP
13	Tagliere,Jac	*1101	*1504	*0202	*0101	*0301	*0502					SSP
2332	Tbakhi,Abdel	*1101	*1504	*01-*03	*01/*02	*0301	*0502					SSP
747	Tiercy,Jean-	*1101	*1504	*0202	*0101	*0301	*0502			*0401	*1301	P-SSO,SSP
4021	Trachtenberg	*11	*15	*02	*01	*0301/19	*0502/05					RVSSOP
5462	Turner,E.V.	*1101	*1504	*0202	*0101	*0301	*0502					SSP
5451	Van den Berg	*110101	*1504	*020201	*010101	*030101	*050201	*010201	*0509	*040101	*1301	SBT
5642	Varnavidou-N	*1101	*1504	*+	*+	*0301	*0502					P-SSP
705	Watkins,Dav	*1101	*1504	*01-*03	*01/*02	*0301/04/09+	*05					SSP,SEQ
3135	Wernet,Peter	*1101	*1504	*0202	*0101	*0301	*0502			*0401	*1301/*0902	SBT,P-SSP
5670	Williams,Mar	*11	*15	*+	*+	*03	*05					SSP
2847	Yamamori,Shun	*11	*15			*03	*05					SSP
1466	Yu_Neng/ARC	*110101	*1504	*0202/12	*0101/04/05	*030101/09/19	*050201	*0102	*05	*040101	*1301/*0902	P-SSOP,SBT

CTR	DIRNAME	DR11	DR15	DR52	DR51	DQ7	DQ1	OTH1	OTH2
16	Cook,Daniel	+	+	+	+	+	DQ5		
3766	Dunn,Paul	+	+	+	+	+	+		
2200	Furukawa,Yok	+		+	+	+	DQ5	DR16	
910	Hahn,Amy B.	+	+	+	+	+	+		
4908	Kvam,Vonnet	+	+	+	+	+	+		
725	Lardy,N.M.	+	+	+	+	DQ3	+		
54	McAlack,Robe	+	+	+	+	+	DQ6		
8004	Pais,Maria L	+	+	+		+	DQ6	DR53	
2400	Phelan,Donna	+	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+	+		
3904	Stewart,Dod	+	+		+	+	DQ5		

B-CELL LINE TER-390

75 DNA LABS

75 LABS REPORTING DRB1	
DRB1*11	32%
DRB1*1101	60%
DRB1*110101	8%
DRB1*11	100% TOTAL
DRB1*15	28%
DRB1*1504	72%
DRB1*15	100% TOTAL

61 LABS REPORTING DRB3	
DRB3*+	31%
DRB3*0202	44%
DRB3*020201	2%
DRB3*02	23%

61 LABS REPORTING DRB5	
DRB5*+	28%
DRB5*0101	41%
DRB5*010101	6%
DRB5*01	23%

11 SEROLOGY LABS

DR11	100%
DR15	91%
DR52	91%
DR51	91%

69 LABS REPORTING DQB1	
DQB1*03	21%
DQB1*030101/09/19	2%
DQB1*0301/09	10%
DQB1*0301/19	7%
DQB1*030101/19	2%
DQB1*0301	55%
DQB1*030101	3%
DQB1*03	100% TOTAL
DQB1*05	17%
DQB1*0502/05	6%
DQB1*050201/05	2%
DQB1*0502	68%
DQB1*050201	7%
DQB1*05	100% TOTAL

14 LABS REPORTING DQA1	
DQA1*01	7%
DQA1*0102	79%
DQA1*010201	14%
DQA1*01	100% TOTAL
DQA1*05	43%
DQA1*0505/09	21%
DQA1*0505	29%
DQA1*0509	7%
DQA1*05	100% TOTAL

16 LABS REPORTING DPB1	
DPB1*0401	81%
DPB1*040101	19%
DPB1*0401	100% TOTAL
DPB1*1301	56%
DPB1*1301/*0901	44%

DQ3	9%
DQ7	91%
DQ3	100% TOTAL
DQ1	55%
DQ5	27%
DQ6	18%
DQ1	100% TOTAL

	%	%	B 3	B 1	B 5	B 5	B 6	B 5	B 6	B 7	B 7	B 7		%	%	B 3	B 5	B 5	B 5	B 1	B 7	B 7	B 6	B 6	B 7		
	POS	8'S	5	8	2	1	2	3	3	8	5	0		POS	8'S	5	1	3	2	8	8	5	2	3	1		METHOD
Berka,Noured	88	100	+	+	+	+				+		+	B50,B13	33	100	+	+	+	+		+				+	A36	(4)
Burger,Joe	98	100	+	+	+	+	+	+	+	+	+		B50	68	100	+	+	+	+	+	+	+	+	+			(3)
Cantwell,Lin	???	???							+	+	+		B57,B77,B65>	???	???	+	+	+	+	+	+	+		+		B77,B37	(3)
Chongkolwata	33	100	+	+									B5	24	100	+				+		+				B5	(1)
Choo,Yoon MD	73	50	+	+	+	+	+						B46,B71,B72	23	0	+	+		+								(5)
Claas,F.H.J.	71	100		+									B5,B21	29	66	+										B5	(1)
Cohen & Sumy	???	???	+	+	+	+	+	+	+				B50	???	???	+	+	+	+	+	+					B49	(3)
Cook,Daniel	32	86		+	+	+			+				B71	36	100	+	+	+	+					+			(2)
Darke,Christ	???	???	+	+	+	+	+	+			+		B49,B64,B57	???	???	+	+	+	+	+		+	+			B72,B37,B49	(3)
Dunckley,Hea	23	75	+		+	+								25	64	+	+		+								(1)
Dunk,Arthur	35	100	+		+	+		+	+	+		+	B71	30	100	+	+	+	+		+						(6)
Dunn,Dale Dr	25	100	+		+	+						+	B71,B42	23	83	+	+	+			+						(4)
Dunn,Paul Ph	28	100	+	+	+	+								30	80?	+	+		+	+							(2)
Eckels/CP,	93	???	+	+	+			+	+				B49,B56,B57>	43	???	+	+	+		+		+			+	B64,B65	(4)
Ellis,Thomas	100	???	+	+								+	B5,B15,B17,B21	77	???	+		+		+						B5,B15,B70,B21>	(3)
Esteves-Kond	97	62											BW6,BW4	63	0	+	+	+	+	+		+			+	B49,B72,B37	(3)
Fotino,Maril	18	50		+	+	+								16	33	+	+		+								(4)
Foxcroft,Z.K	16	50	+		+	+	+	+					A29,A33,B65	29	60	+	+	+	+					+		A33,B64,B65	(1)
Gautreaux,Mi	98	???	+		+	+		+		+	+		A33,B72,B56	68	???	+	+	+	+	+	+					A30,A31,B72	(3)
Gideoni,Osna	98	100	+	+			+			+	+	+	B56,B40,B56>	64	100	+	+	+		+	+	+	+			B40,B37,B40	(3)
Hahn,Amy B.	65	33	+			+	+	+				+	B57	28	67	+	+	+					+		+	B57	(4)
Harville/ACH	45	???	+	+	+	+	+		+	+			B77,B71,B72	25	???	+	+	+	+	+	+	+			+	B37,B72	(3)
Hidajat,Mela	41	100		+									A2	33	85		+		+							CW4	(1)
Hogan,Patric	22	100	+	+	+	+								32	100	+	+	+	+								(1)
Holdsworth,R	100	???											???	100	???											???	(5)
Israel,Shosh	44	100	+	+	+	+	+	+	+					48	100	+	+	+	+	+		+		+	+		(2)
Klein,Jon MD	C	0												43	100	+	+	+	+	+		+			+		(4)
Klein,Tirza	96	100	+	+	+		+			+	+		B45,B42,B48>	56	100	+		+		+	+	+	+	+		B61,B40,B72	(3)
Kopko,Patric	26	100	+	+	+	+				+				25	100	+	+	+	+		+						(1)
Lardy,N.M. D	44	100	+	+		+		+						32	100	+	+	+		+							(2)
Lazda,Velta	78	100	+		+	+	+	+	+			+	B49	38	100	+	+	+	+							B70	(4)
Leech MD,Ste	48	100	+	+									B5,B42	30	83	+	+	+	+								(4)
Loewenthal M	98	100	+	+			+			+	+		B72,B55,B56>	66	100	+	+	+		+	+		+		+	B61,B40,B72	(3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+		+		66	???	+	+	+	+	+	+	+	+				(3)
Mah,Helen	36	100	+	+	+	+	+			+	+		A32,A9	20	100	+	+				+	+					(4)
McAlack,Robe	100	100	+	+			+	+	+		+		B5,B76	61	33	+		+		+		+			+	B5,B77,B72	(5)
McAlack-Bala	50	100	+	+		+	+	+					B71,B7,B39	36	80	+	+	+								B77,B39	(4)
McCluskey,Ja	48	100		+	+	+						+	B56	39	100	+	+	+	+								( )
Moore,S.Brea	66	???	+	+			+	+	+	+	+		4005	34	???	+		+	+	+	+	+	+	+		B77	(3)
Ozawa,Mikki	???	???	+	+	+		+	+	+	+	+		4005,B77	???	???	+	+	+	+	+	+	+	+	+		B77	(3)
Paik,Young K	72	100	+	+				+				+	B5,B15,B17,B21>	34	86	+		+		+		+				B5	(4)
Pais,Maria L	20	100				+								29	100		+									5CREG	(1)
Phelan,Donna	56	???	+	+				+				+	B5,B15,B8,B14>	31	???	+		+		+						B5,B15,B8,B14	(5)
Rosen-Bronso	97	100		+	+	+							B7,B8,B21,B17>	69	100	+	+	+	+	+						B37,B15,B70>	(3)
Sage,Deborah	92	???	+	+	+	+	+	+	+		+		B71,B72	65	???	+	+	+	+	+			+	+	+	B72	(2)
Satake,Masah	???	???			+						+		4005,B39,B49>	???	???		+		+			+				CW5	(3)
Schroeder,M.	31	???		+	+	+			+				A26,A69,B82>	11	???		+				+					B64,B65,CW8	(4)
Smith/MI,	22	100			+	+			+				B57,B71	17	100	+	+							+			(4)
Steinberg,Ka	7	33			+	+								5	67		+										(1)
Stewart,Dod	55	100	+	+			+	+			+	+	B5,B77	26	100	+	+	+	+			+					(4)
Suciu-Foca,N	27	47	+	+	+	+							A33	27	33	+	+	+	+								(6)
Tagliere,Jac	21	100			+									26	80	+		+									(1)
Tbakhi,Abdel	78	100	+	+	+	+	+						B65,B40	53	100	+	+	+	+								(4)

	SERUM NO. 921												SERUM NO. 922											
	% POS	% 8'S	B 3 5	B 1 8	B 5 2	B 5 1	B 6 2	B 5 3	B 6 3	B 7 8	B 7 5	B 7 0		% POS	% 8'S	B 3 5	B 5 1	B 5 3	B 5 2	B 1 8	B 7 8	B 7 5	B 6 2	B 6 3	B 7 1	METHOD
Turner,E.V.	17	100			+	+								27	100	+	+	+								(1)
Vaidya,Smita	???	???	+	+		+	+						A25,A26,A33>	???	???	+	+		+	+			+		A30,A31,B57,B8>	(3)
Ward,William	80	100	+		+	+	+	+	+	+			B7,B64,B65	30	100	+	+	+			+					(4)
Yu_Neng/ARC,	62	100	+	+	+	+		+	+	+	+		B77	35	100	+	+	+	+	+	+	+	+	+	B77	(3)
Yu_Neng/UMMM	98	100	+	+	+	+	+	+	+	+	+		B77	56	100	+	+	+	+	+	+	+	+	+	B77	(3)
Zachary,Andr	29	100	+	+	+	+		+		+				40	17	+	+	+	+		+					(2)

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 59 TYPING LABS ***			*** 59 TYPING LABS ***		
B35	71%	0.784	B35	90%	0.917
B18	69%	0.898	B51	85%	0.963
B51	64%	0.973	B53	75%	0.969
B52	64%	0.960	B52	61%	0.901
B62	41%	0.924	B18	47%	0.790
B53	41%	0.838	B78	36%	1.000
B63	32%	0.969	B75	36%	0.783
B78	31%	1.000	B62	22%	0.867
B75	27%	0.957	B63	20%	1.000
B70	20%	0.912	B71	17%	1.000
B71	17%	0.857	B72	14%	1.000
B5	14%	0.977	B37	12%	1.000
B56	10%	1.000	B77	12%	1.000
B72	10%	1.000	B5	10%	0.867
B77	10%	1.000	B40	7%	1.000
A33	8%	1.000	A30	5%	1.000
B49	8%	1.000	B15	5%	1.000
B57	8%	0.900	B49	5%	1.000
B21	7%	1.000	B64	5%	1.000
B50	7%	1.000	B65	5%	1.000
B65	7%	1.000	B70	5%	0.857
4005	5%	1.000	A31	3%	1.000
B7	5%	0.857	B8	3%	1.000
B15	5%	0.857	B14	3%	1.000
B17	5%	0.786	B17	3%	1.000
B42	5%	0.778	B61	3%	1.000
B39	5%	0.714	B57	3%	0.600
B40	5%	0.688			
B8	3%	1.000			
B41	3%	1.000			
B45	3%	1.000			
B46	3%	1.000			
B64	3%	1.000			
A26	3%	0.750			

Methods:
(1) - NIH std
(2) - NIH ext
(3) - NIH Amos wash
(4) - Antiglobulin
(5) - Elisa
(6) - Other

*** 59 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: All

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 11 TYPING LABS ***			*** 11 TYPING LABS ***		
B51	64%	0.971	B35	73%	0.918
B52	64%	0.923	B51	73%	0.917
B18	45%	0.842	B52	45%	1.000
B35	45%	0.476	B53	45%	0.920
B5	18%	1.000	B5	18%	0.846
A29	9%	1.000	B63	9%	1.000
A33	9%	1.000	B64	9%	1.000
B21	9%	1.000	B65	9%	1.000
B65	9%	1.000	B78	9%	1.000
B78	9%	1.000	A33	9%	0.800
B62	9%	0.800	CW4	9%	0.765
A2	9%	0.667	5CREG	9%	0.500
B53	9%	0.571	B18	9%	0.400
			B75	9%	0.286

*** 11 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 6 TYPING LABS ***			*** 6 TYPING LABS ***		
B51	100%	0.944	B35	100%	0.961
B18	100%	0.846	B51	100%	0.900
B52	83%	1.000	B53	83%	1.000
B35	83%	0.722	B52	83%	0.813
B53	67%	0.500	B18	67%	0.571
B63	50%	1.000	B63	50%	1.000
B62	33%	0.667	B71	33%	1.000
B71	33%	0.667	B62	17%	1.000
B72	17%	1.000	B72	17%	1.000
B75	17%	1.000	B75	17%	1.000
B78	17%	1.000	B78	17%	1.000

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: NIH-ext

	SERUM NO. 921												SERUM NO. 922											
	% POS	% 8'S	B 3 5	B 1 8	B 5 2	B 7 8	B 7 5	B 6 2	B 5 1	B 6 3	B 5 3	B 4 9		% POS	% 8'S	B 3 5	B 5 1	B 5 3	B 1 8	B 5 2	B 7 8	B 7 5	B 6 2	B 6 3	B 3 7		METHOD
Burger,Joe	98	100	+	+	+	+	+	+	+	+	+		B50	68	100	+	+	+	+	+	+	+	+	+			(L-3)
Cantwell,Lin	???	???				+	+			+			B57,B77,B65>	???	???	+	+	+	+	+	+	+		+	+	B77	(L-3)
Cohen & Sumy	???	???	+	+	+			+	+	+	+		B50	???	???	+	+	+	+	+	+					B49	(L-3)
Cook,Daniel	???	???	+	+	+	+	+		+	+	+		B71,B56	???	???	+	+	+	+	+	+	+	+		+	B71	(F-3)
Darke,Christ	???	???	+	+	+		+	+	+		+	+	B64,B57	???	???	+	+	+	+	+		+	+		+	B72,B49	(L-3)
Dunn,Paul Ph	67	???	+	+	+				+			+	A80,B13,B39>	36	???	+	+	+	+	+		+	+	+		B71,B72	(L-3)
Eckels/CP,	96	???	+	+									A25,A33,A66>	79	???	+	+		+						+	B38,B39,B46>	(LF-3)
Ellis,Thomas	100	???	+	+									B5,B15,B70,B17>	77	???	+		+	+						+	B5,B15,B70,B21	(LF-3)
Esteves-Kond	97	62											BW6,BW4	63	0	+	+	+	+	+		+			+	B49,B72,B71	(F-3)
Fotino,Maril	89	100	+	+	+			+	+	+	+	+		42	100	+	+	+		+	+		+			B49	(L-3)
Gautreaux,Mi	98	???	+		+	+	+		+		+		A33,B72,B56	68	???	+	+	+	+	+	+					A30,A31,B72	(L-3)
Gideoni,Osna	98	100	+	+		+	+	+					B56,B40,B70>	64	100	+	+	+	+		+	+	+		+	B40,B40	(L-3)
Harville/ACH	45	???	+	+	+	+		+	+	+			B77,B71,B72	25	???	+	+	+	+	+	+	+			+	B72,B71	(F-3)
Klein,Tirza	96	100	+	+	+	+	+	+					B45,B42,B48>	56	100	+		+	+		+	+	+	+		B61,B40,B72	(L-3)
Loewenthal M	98	100	+	+		+	+	+					B72,B55,B56>	66	100	+	+	+	+		+		+			B61,B40,B72>	(L-3)
MacCann,Eile	98	???	+	+	+	+		+	+	+	+		B70	66	???	+	+	+	+	+	+	+	+				(L-3)
McAlack-Bala	92	100	+	+	+	+	+	+		+	+			54	100	+	+	+	+		+	+	+	+			(L-3)
Moore,S.Brea	66	???	+	+		+	+	+		+	+		4005	34	???	+		+	+	+	+	+	+	+		B77	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+		+	+		4005,B77	???	???	+	+	+	+	+	+	+	+	+		B77	(L-3)
Rosen-Bronso	97	100		+	+				+				B7,B8,B21,B17>	69	100	+	+	+	+	+					+	B15,B70,B17>	(F-3)
Sage,Deborah	92	???	+	+	+		+	+	+	+	+		B71,B72	65	???	+	+	+	+	+			+	+		B71,B72	(L-3)
Satake,Masah	???	???			+		+					+	4005,B39,CW10	???	???		+			+		+				CW5	(L-3)
Smith/MI,	93	???	+	+		+					+		4005,B15,B21>	67	???	+		+	+		+				+	B15,B5,B21,B17>	(L-3)
Suciu-Foca,N	93	100	+		+	+	+		+	+	+	+	4005	18	100	+	+	+		+	+	+				B12,B77	(L-3)
Vaidya,Smita	???	???	+	+				+	+			+	A25,A26,A33>	???	???	+	+		+	+			+			A30,A31,B57,B8>	(L-3)
Ward,William	96	???			+	+		+	+	+			B5,B8,B14,B64>	77	???		+			+	+		+			B5,B8,B14,B64>	(LF-3)
Yu_Neng/ARC,	62	100	+	+	+	+	+		+	+	+		B77	35	100	+	+	+	+	+	+	+	+	+		B77	(L-3)
Yu_Neng/UMMM	98	100	+	+	+	+	+	+	+	+	+		B77	56	100	+	+	+	+	+	+	+	+	+		B77	(L-3)

(3) – L-Luminex, F-Flow

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 28 TYPING LABS ***			*** 28 TYPING LABS ***		
B35	82%	1.000	B35	93%	1.000
B18	79%	1.000	B51	89%	1.000
B52	68%	1.000	B18	86%	1.000
B78	61%	1.000	B53	86%	1.000
B51	57%	1.000	B52	75%	1.000
B62	57%	1.000	B78	68%	1.000
B75	57%	1.000	B75	61%	1.000
B53	54%	1.000	B62	57%	1.000
B63	54%	1.000	B63	39%	1.000
B49	21%	1.000	B37	36%	1.000
4005	18%	1.000	B72	29%	1.000
B56	18%	1.000	B71	21%	1.000
B77	18%	1.000	B77	21%	1.000
A33	14%	1.000	B49	18%	1.000
B50	14%	1.000	B15	14%	1.000
B71	14%	1.000	B40	14%	1.000
B72	14%	1.000	A30	11%	1.000
B5	11%	1.000	B5	11%	1.000
B17	11%	1.000	B14	11%	1.000
B21	11%	1.000	B17	11%	1.000
B39	11%	1.000	A31	7%	1.000
B70	11%	1.000	B8	7%	1.000
A25	7%	1.000	B21	7%	1.000
B8	7%	1.000	B61	7%	1.000
B13	7%	1.000	B70	7%	1.000
B15	7%	1.000	B12	4%	1.000
B41	7%	1.000	B38	4%	1.000
B42	7%	1.000	B39	4%	1.000
B45	7%	1.000	B46	4%	1.000
B46	7%	1.000	B48	4%	1.000
B57	7%	1.000	B50	4%	1.000
B64	7%	1.000	B57	4%	1.000
B65	7%	1.000	B64	4%	1.000
5CREG	4%	1.000	B65	4%	1.000
7CREG	4%	1.000	CW5	4%	1.000
A26	4%	1.000			
A34	4%	1.000			
A66	4%	1.000			
A68	4%	1.000			
A69	4%	1.000			
A80	4%	1.000			
BW6	4%	1.000			
B7	4%	1.000			
B14	4%	1.000			
B38	4%	1.000			
B40	4%	1.000			
B48	4%	1.000			
B54	4%	1.000			
B55	4%	1.000			
B59	4%	1.000			
B60	4%	1.000			
CW10	4%	1.000			
BW4	4%	0.667			

*** 28 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Luminex/Flow

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

	% POS	% 8'S	B 3 5	B 5 1	B 5 2	B 1 8	B 5 3	B 6 2	B 7 0	B 6 3	B 7 1	B 7 8		B 5 1	B 3 5	B 5 3	B 5 2	B 7 8	B 7 5	B 7 1	B 1 8	B 6 5	B 6 4		METHOD
Berka,Noured	88	100	+	+	+	+			+			+	B50,B13	33	100	+	+	+	+	+		+			A36	(4)
Dunn,Dale Dr	25	100	+	+	+				+		+		B42	23	83	+	+	+		+						(4)
Eckels/CP,	93	???	+		+	+	+			+	+		B49,B56,B57>	43	???	+	+	+			+	+	+	+	+	(4)
Fotino,Maril	18	50		+	+	+								16	33	+	+		+							(4)
Hahn,Amy B.	65	33	+	+			+	+	+				B57	28	67	+	+	+			+				B57,B62	(4)
Klein,Jon MD	C	0												43	100	+	+	+	+		+	+	+			(4)
Lazda,Velta	78	100	+	+	+		+	+	+	+			B49	38	100	+	+	+	+						B70	(4)
Leech MD,Ste	48	100	+			+							B5,B42	30	83	+	+	+	+							(4)
Mah,Helen	36	100	+	+	+	+		+				+	A32,B75,A9	20	100	+	+			+	+					(4)
McAlack-Bala	50	100	+	+		+	+	+			+		B7,B39	36	80	+	+	+							B77,B39	(4)
Paik,Young K	72	100	+			+	+		+				B5,B15,B17,B21>	34	86		+	+		+		+			B5	(4)
Schroeder,M.	31	???		+	+	+				+			A26,A69,B82>	11	???	+				+			+	+	CW8	(4)
Smith/MI,	22	100		+	+					+	+		B57	17	100	+	+								B63	(4)
Stewart,Dod	55	100	+			+	+	+	+				B5,B75,B77	26	100	+	+	+	+		+					(4)
Suciu-Foca,N	88	100	+	+	+	+	+						A33	29	13	+	+		+							(4)
Tbakhi,Abdel	78	100	+	+	+	+		+					B65,B40	53	100	+	+	+	+							(4)
Ward,William	80	100	+	+	+		+	+		+		+	B7,B64,B65	30	100	+	+	+		+						(4)

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 17 TYPING LABS ***

B35	76%	0.880
B51	71%	0.981
B52	65%	0.929
B18	65%	0.905
B53	47%	0.929
B62	41%	0.931
B70	35%	0.889
B63	29%	1.000
B71	24%	0.833
B78	18%	1.000
B5	18%	0.957
B57	18%	0.875
B49	12%	1.000
B65	12%	1.000
B7	12%	0.800
B75	12%	0.800
B42	12%	0.750
B40	12%	0.667
B39	12%	0.600
A32	6%	1.000
A33	6%	1.000
A69	6%	1.000
B21	6%	1.000
B38	6%	1.000
B50	6%	1.000
B56	6%	1.000
B64	6%	1.000
B72	6%	1.000
B77	6%	1.000

*** 17 TYPING LABS ***

B51	94%	1.000
B35	94%	0.860
B53	71%	0.953
B52	47%	0.850
B75	29%	1.000
B78	29%	1.000
B71	24%	1.000
B18	18%	0.733
B64	12%	1.000
B65	12%	1.000
B63	6%	1.000
B77	6%	1.000
CW8	6%	1.000
B5	6%	0.778
B39	6%	0.750
A36	6%	0.667
B57	6%	0.500
B70	6%	0.500
B62	6%	0.333

*** 17 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Antiglobulin

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

	% POS	% 8'S	B 5 3	B 3 5	B 1 8	B 5	B 7 5	B 7 0	B 6 2	B 6 3	B 2 1	B 1 7		% POS	% 8'S	B 3 5 3	B 5 3 8	B 1 5	B 5	B 7 5	B 5 2	B 1 5	B 7 2	B 7 1	B 7 0		METHOD
Cantwell,Lin	100	???	+				+		+	+			B51,B52,B71>	100	???	+	+	+		+	+					B51,B63,B62>	(5)
Choo,Yoon MD	73	50		+	+				+				B46,B52,B51>	23	0	+					+					B51	(5)
Claas,F.H.J.	71	100	+	+	+	+	+	+		+	+	+		29	66	+			+								(5)
Esteves-Kond	98	68											BW6,BW4	64	100	+	+	+		+	+		+	+		B57,B58,B62	(5)
Hahn,Amy B.	43	???	+	+	+	+	+	+	+		+	+	B78	16	???	+	+	+	+			+			+	B78,B17,B21	(5)
Holdsworth,R	100	???											???	100	???											???	(5)
McAlack,Robe	100	100	+	+	+	+	+		+	+			B76	61	33	+	+	+	+	+			+	+		B77	(5)
Paik,Young K	98	100	+	+	+	+		+			+	+	B15,B22,B40	41	50	+	+	+	+			+			+		(5)
Phelan,Donna	56	???	+	+	+	+		+					B15,B8,B14,B16	31	???	+	+	+	+			+				B8,B14	(5)

********** SERUM NO. 921 ********** ********** SERUM NO. 922 **********

*** 9 TYPING LABS ***			*** 9 TYPING LABS ***		
B18	67%	1.000	B35	89%	0.895
B35	67%	1.000	B53	67%	1.000
B53	67%	1.000	B18	67%	0.933
B5	56%	1.000	B5	56%	0.944
B62	44%	1.000	B75	33%	1.000
B70	44%	1.000	B52	33%	0.667
B75	44%	1.000	B15	33%	0.643
B17	33%	1.000	B51	22%	1.000
B21	33%	1.000	B58	22%	1.000
B63	33%	1.000	B62	22%	1.000
B15	22%	1.000	B71	22%	1.000
B51	22%	1.000	B72	22%	1.000
B52	22%	1.000	B57	22%	0.750
B71	22%	1.000	B70	22%	0.714
???	11%	1.000	???	11%	1.000
BW6	11%	1.000	B8	11%	1.000
B8	11%	1.000	B14	11%	1.000
B14	11%	1.000	B17	11%	1.000
B16	11%	1.000	B21	11%	1.000
B22	11%	1.000	B63	11%	1.000
B40	11%	1.000	B77	11%	1.000
B46	11%	1.000	B78	11%	1.000
B57	11%	1.000			
B58	11%	1.000			
B64	11%	1.000			
B72	11%	1.000			
B76	11%	1.000			
B78	11%	1.000			
BW4	11%	0.833			

*** 9 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Elisa

	SERUM NO. 923											SERUM NO. 924											
	% POS	% 8'S	B 4 9	B 5 2	B 5 3	A 3 2	B 6 3	B 5 1	B 3 5	B 5 0	A 2 9	B 6 2		% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 1 8	B 5 2	B 7 5	B 7 8	B 6 2	B 6 3	B 7 7		METHOD
Berka,Noured	42	100	+	+	+			+	+	+			B13	32	100	+	+	+	+			+				A36,B71	(4)
Burger,Joe	80	100	+	+	+	+	+	+	+		+	+		56	100	+	+	+	+	+	+	+	+	+			(3)
Cantwell,Lin	???	???	+	+	+	+	+				+	+	B59,B77,B57	???	???	+	+	+	+		+	+	+	+	+	B49	(3)
Chongkolwata	5	67		+					+					25	100	+					+				+	B5	(1)
Choo,Yoon MD	45	50	+	+				+		+			B18	40	67	+		+	+	+						B46	(5)
Claas,F.H.J.	8	0	+											33	50	+										B5	(1)
Cohen & Sumy	???	???	+	+	+	+		+		+	+		B13	???	???	+	+	+	+	+						B72	(3)
Cook,Daniel	6	100	+				+							30	100	+	+	+									(2)
Darke,Christ	???	???	+	+	+	+		+	+			+	B72,B75,A25	???	???	+	+	+	+	+	+		+			B72,B57,B37	(3)
Dunckley,Hea	13	100	+	+				+						24	???	+		+		+							(1)
Dunk,Arthur	25	100	+	+			+						B57	27	100	+	+	+				+					(6)
Dunn,Dale Dr	10	33	+											25	100	+	+	+				+					(4)
Dunn,Paul Ph	11	100	+	+										19	50	+		+	+	+							(2)
Eckels/CP,	38	???	+	+		+	+	+		+	+		A25,B57,B71	41	???	+	+	+	+	+	+					B71	(4)
Ellis,Thomas	89	???			+	+			+				A9,A25,B17,B21>	60	???	+	+		+							B5,B15,B70,B37>	(3)
Esteves-Kond	88	50	+	+	+		+	+	+				B37,B57,B58,A1	59	0	+	+	+		+						B49,B72,B50>	(3)
Fotino,Maril	5	100	+											18	84	+	+										(4)
Foxcroft,Z.K	7	66	+				+						A23	31	100	+	+	+						+		A25,A33,B64>	(1)
Gautreaux,Mi	78	???	+	+		+	+			+	+	+	B56,A25	58	???	+	+	+	+	+			+			B72	(3)
Gideoni,Osna	78	???				+			+	+	+	+	B56,B45,B72,B8>	46	100	+	+		+		+	+	+	+		B37,B40	(3)
Hahn,Amy B.	28	100	+			+				+	+		B57,B58,B71	26	83	+	+	+		+							(4)
Harville/ACH	30	???	+	+		+		+	+		+	+	B57,A25,A24	19	???	+		+	+	+	+	+	+			B37	(3)
Hidajat,Mela	10	100	+											29	93			+								CW4	(1)
Hogan,Patric	7	100	+	+				+						30	100	+	+	+									(1)
Holdsworth,R	100	???											???	58	???	+	+	+	+		+		+	+		B49,B50	(5)
Israel,Shosh	13	100	+	+	+	+				+			A23,A33	42	100	+	+	+		+					+	A33	(2)
Klein,Jon MD	53	100	+	+	+	+	+	+					B57,B58,B38	45	57	+	+	+	+		+					B71	(4)
Klein,Tirza	80	100							+			+	B72,B71,B64,B8>	48	100	+	+		+		+	+	+	+		B37,B72,B40	(3)
Kopko,Patric	8	100	+	+										22	100	+	+	+		+							(1)
Lardy,N.M. D	18	40	+	+				+						30	100	+	+	+		+							(2)
Lazda,Velta	49	100	+		+		+			+		+	B70,A30	32	50	+	+	+								B49,B70	(4)
Leech MD,Ste	13	100	+											27	100	+	+	+									(4)
Loewenthal M	78	100	+		+	+	+	+			+	+	A23,A24,B56	52	100	+	+	+	+		+	+	+	+		B72,B71	(3)
MacCann,Eile	86	???		+	+		+	+	+			+	A19,B70	56	???	+	+	+	+	+	+	+	+			B70	(3)
Mah,Helen	16	100	+			+								22	100	+	+	+			+	+					(4)
McAlack,Robe	84	0	+		+					+		+	B5,B58,B18,B59	54	33	+	+	+	+	+	+				+	B71	(5)
McAlack-Bala	10	0	+							+				29	100	+	+	+									(4)
McCluskey,Ja	13	50	+	+			+							32	100	+	+	+		+	+						( )
Moore,S.Brea	???	38	+		+	+	+				+	+	4005,B59	34	???	+	+		+		+	+	+		+	4005	(3)
Ozawa,Mikki	???	???	+	+	+	+	+				+	+	4005,B59,B77	???	???	+	+	+	+	+	+	+	+		+	4005	(3)
Paik,Young K	32	28					+		+				B5,B17,B21	39	0	+	+		+		+					B5	(4)
Pais,Maria L	0	0												30	100	+		+								5CREG	(1)
Phelan,Donna	25	???			+				+				B5,B15	31	???	+	+		+							B5,B15	(5)
Rosen-Bronso	91	100		+	+	+		+	+		+		A9,A25,B17,B21	56	100	+		+	+	+			+			B49,B50,B37,B7>	(3)
Sage,Deborah	84	???		+	+	+		+	+		+		A30,A31,A33>	50	???	+	+	+		+			+	+		B71,B72	(2)
Satake,Masah	???	???	+	+									4005	???	???			+		+	+					CW5	(3)
Schroeder,M.	27	???	+										B56,B46	20	???	+	+					+				A31	(4)
Smith/MI,	4	66	+											12	56	+		+									(4)
Steinberg,Ka	2	0											???	19	40	+	+										(1)
Stewart,Dod	9	100	+							+				12	100	+	+				+						(4)
Suciu-Foca,N	5	67	+											25	71	+	+	+		+							(6)
Tagliere,Jac	6	66	+											23	100	+	+										(1)
Tbakhi,Abdel	48	100	+	+	+			+		+				53	100	+	+	+		+							(4)

	SERUM NO. 923											SERUM NO. 924											
	% POS	% 8'S	B 4 9	B 5 2	B 5 3	A 3 2	B 6 3	B 5 1	B 3 5	B 5 0	A 2 9	B 6 2		% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 1 8	B 5 2	B 7 5	B 7 8	B 6 2	B 6 3	B 7 7		METHOD
Turner,E.V.	10	83	+											27	100	+	+	+								(1)
Vaidya,Smita	???	???	+			+			+		+		A25,A23,A24>	???	???	+	+		+		+	+	+			B50,B37	(3)
Ward,William	47	33	+	+			+	+	+	+	+			30	100	+	+	+				+					(4)
Yu_Neng/ARC,	38	???	+				+		+	+		+	B77,B75,B57>	35	???	+	+	+	+	+	+	+	+	+	+		(3)
Yu_Neng/UMMM	80	100	+	+		+	+	+		+	+	+	B75,B77	66	100	+	+	+	+	+	+	+	+		+	B37	(3)
Zachary,Andr	7	50	+	+	+									20	75	+	+	+	+								(2)

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 59 TYPING LABS ***			*** 59 TYPING LABS ***		
B49	80%	0.943	B35	98%	0.935
B52	49%	0.862	B53	81%	0.923
A32	34%	0.946	B51	76%	0.926
B53	34%	0.825	B18	47%	0.857
B63	32%	0.903	B52	42%	0.828
B51	32%	0.785	B75	39%	0.767
B35	29%	0.714	B78	31%	1.000
B50	27%	0.972	B62	29%	1.000
A29	27%	0.939	B63	15%	1.000
B62	25%	0.969	B37	14%	1.000
B57	14%	0.722	B77	14%	0.833
A25	12%	1.000	B71	12%	1.000
B56	8%	1.000	B72	12%	1.000
B58	8%	1.000	B49	8%	0.875
B59	8%	1.000	B5	8%	0.696
B77	7%	1.000	B50	7%	1.000
B5	7%	0.882	B70	5%	0.889
A23	7%	0.750	4005	3%	1.000
B18	7%	0.714	B15	3%	1.000
4005	5%	1.000	B40	3%	1.000
A24	5%	1.000	A33	3%	0.833
B21	5%	1.000			
B45	5%	1.000			
B71	5%	1.000			
B72	5%	1.000			
B75	5%	1.000			
A30	5%	0.714			
B17	5%	0.643			
???	3%	1.000			
A9	3%	1.000			
A31	3%	1.000			
A33	3%	1.000			
B8	3%	1.000			
B15	3%	1.000			
B37	3%	1.000			
B70	3%	1.000			
B13	3%	1.000			

Methods:
(1) - NIH std
(2) - NIH ext
(3) - NIH Amos wash
(4) - Antiglobulin
(5) - Elisa
(6) - Other

*** 59 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: All

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 11 TYPING LABS ***			*** 11 TYPING LABS ***		
B49	73%	0.920	B35	91%	0.900
B52	36%	0.579	B51	64%	0.941
B51	18%	0.250	B53	55%	0.867
???	9%	1.000	B5	18%	0.833
A23	9%	0.667	B52	18%	0.714
B63	9%	0.500	A25	9%	1.000
B35	9%	0.143	B63	9%	1.000
			B64	9%	1.000
			B65	9%	1.000
			CW4	9%	0.824
			A33	9%	0.800
			5CREG	9%	0.500
			B75	9%	0.400
			B77	9%	0.333

*** 11 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 6 TYPING LABS ***			*** 6 TYPING LABS ***		
B52	83%	1.000	B35	100%	0.926
B49	83%	0.769	B51	100%	0.839
B53	50%	0.375	B53	83%	0.778
A32	33%	1.000	B52	67%	0.545
A33	33%	1.000	B18	33%	0.500
B51	33%	0.833	A33	17%	1.000
A29	17%	1.000	B62	17%	1.000
A30	17%	1.000	B63	17%	1.000
A31	17%	1.000	B71	17%	1.000
A74	17%	1.000	B72	17%	1.000
B35	17%	1.000	B77	17%	1.000
B50	17%	1.000			
A23	17%	0.667			
B63	17%	0.500			

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: NIH-ext

	SERUM NO. 923												SERUM NO. 924											
	% POS	% 8'S	A 3 2	B 4 9	B 5 2	A 2 9	B 5 1	B 6 2	B 3 5	B 6 3	B 5 3	B 5 0		% POS	% 8'S	B 3 5	B 1 8	B 5 3	B 5 1	B 7 5	B 6 2	B 5 2	B 7 8	B 3 7	B 6 3		METHOD
Burger,Joe	80	100	+	+	+	+	+	+	+	+	+			56	100	+	+	+	+	+	+	+	+	+		(L-3)
Cantwell,Lin	???	???	+	+	+	+		+		+	+		B59,B77,B57	???	???	+	+	+	+	+	+		+		+	B77,B49	(L-3)
Cohen & Sumy	???	???	+	+	+	+	+				+	+	B13	???	???	+	+	+	+			+				B72	(L-3)
Cook,Daniel	???	???	+	+	+		+			+		+	B59,B58,B56>	???	???	+	+	+	+	+		+	+	+		B71,B77	(F-3)
Darke,Christ	???	???	+	+	+		+	+	+		+		B72,B75,A25	???	???	+	+	+	+	+	+	+		+		B72,B57	(L-3)
Dunn,Paul Ph	62	???	+	+	+	+	+		+			+	B54,B55,B56	38	???	+	+	+	+	+	+	+				B49,B71,B72	(L-3)
Eckels/CP,	98	???	+	+		+	+		+			+	A23,A24,A25>	65	???	+	+		+			+		+		B49,4005,B46>	(LF-3)
Ellis,Thomas	89	???	+						+		+		A9,A25,B17,B21>	60	???	+	+	+						+		B5,B15,B70,B21	(LF-3)
Esteves-Kond	88	50		+	+		+		+	+	+		B37,B57,B58,A1	59	0	+		+	+			+				B49,B72,B50>	(F-3)
Fotino,Maril	65	100		+	+		+	+	+	+		+	B78	45	100	+		+	+			+				B49,B50	(L-3)
Gautreaux,Mi	78	???	+	+	+	+		+		+		+	B56,A25	58	???	+	+	+	+		+	+				B72	(L-3)
Gideoni,Osna	78	???	+			+		+	+			+	B56,B45,B72,B8>	46	100	+	+	+		+	+		+	+	+	B40	(L-3)
Harville/ACH	30	???	+	+	+	+	+	+	+				B57,A25,A24	19	???	+	+		+	+	+	+	+	+			(F-3)
Klein,Tirza	80	100						+	+				B72,B71,B64,B8>	48	100	+	+	+		+	+		+	+	+	B72,B40	(L-3)
Loewenthal M	78	100	+	+		+	+	+		+	+		A23,A24,B56	52	100	+	+	+	+	+	+		+		+	B72,B71	(L-3)
MacCann,Eile	86	???			+		+	+	+	+	+		A19,B70	56	???	+	+	+	+	+	+	+	+			B70	(L-3)
McAlack-Bala	62	100		+	+		+	+			+	+	B45,B58	58	100	+	+	+	+	+	+			+	+		(L-3)
Moore,S.Brea	???	38	+	+		+		+		+	+		4005,B59	34	???	+	+	+		+	+		+			B77,4005	(L-3)
Ozawa,Mikki	???	???	+	+	+	+		+		+	+		4005,B59,B77	???	???	+	+	+	+	+	+	+	+			B77,4005	(L-3)
Rosen-Bronso	91	100	+		+	+	+		+		+		A9,A25,B17,B21	56	100	+	+		+		+	+		+		B49,B50,B7,B27	(F-3)
Sage,Deborah	84	???	+		+	+	+		+		+		A30,A31,A33>	50	???	+		+	+		+	+			+	B71,B72	(L-3)
Satake,Masah	???	???		+	+								4005	???	???				+	+		+				CW5	(L-3)
Smith/MI,	89	???	+			+		+		+	+		B21,4005,B59>	47	???	+	+	+						+		B15,B5,4005>	(L-3)
Suciu-Foca,N	7	100	+	+	+	+	+			+		+	4005,B59	47	100	+	+	+	+	+		+	+			B77,B49	(L-3)
Vaidya,Smita	???	???	+	+		+			+				A25,A23,A24>	???	???	+	+	+		+	+		+	+		B50	(L-3)
Ward,William	93	???	+		+	+	+						A9,A23,A24,A25>	63	???				+	+	+	+	+		+	B5,B15,B76,B77	(LF-3)
Yu_Neng/ARC,	38	???		+				+	+	+		+	B77,B75,B57>	35	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Yu_Neng/UMMM	80	100	+	+	+	+	+	+		+		+	B75,B77	66	100	+	+	+	+	+	+	+	+	+		B77	(L-3)

(3) – L-Luminex, F-Flow

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 28 TYPING LABS ***			*** 28 TYPING LABS ***		
A32	75%	1.000	B35	96%	1.000
B49	71%	1.000	B18	86%	1.000
B52	68%	1.000	B53	82%	1.000
A29	64%	1.000	B51	79%	1.000
B51	61%	1.000	B52	68%	1.000
B62	57%	1.000	B62	68%	1.000
B35	54%	1.000	B75	68%	1.000
B63	50%	1.000	B78	54%	1.000
B53	50%	0.952	B37	43%	1.000
B50	39%	1.000	B63	32%	1.000
A25	29%	1.000	B49	29%	1.000
B59	25%	1.000	B72	29%	1.000
B56	21%	1.000	B77	29%	1.000
B57	21%	1.000	B50	18%	1.000
4005	18%	1.000	B71	18%	1.000
A24	18%	1.000	4005	14%	1.000
B77	18%	1.000	B5	11%	1.000
A23	14%	1.000	B15	11%	1.000
B45	14%	1.000	B70	11%	1.000
B58	14%	0.800	B21	7%	1.000
A9	11%	1.000	B40	7%	1.000
B21	11%	1.000	B7	4%	1.000
B72	11%	1.000	B27	4%	1.000
B75	11%	1.000	B39	4%	1.000
A30	7%	1.000	B46	4%	1.000
A31	7%	1.000	B57	4%	1.000
B5	7%	1.000	B76	4%	1.000
B8	7%	1.000	CW5	4%	1.000
B17	7%	1.000			
B18	7%	1.000			
B37	7%	1.000			
B78	7%	1.000			
A1	4%	1.000			
A33	4%	1.000			
A74	4%	1.000			
B13	4%	1.000			
B15	4%	1.000			
B38	4%	1.000			
B48	4%	1.000			
B54	4%	1.000			
B55	4%	1.000			
B64	4%	1.000			
B70	4%	1.000			
B71	4%	1.000			
A19	4%	0.966			

*** 28 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Luminex/Flow

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

	% POS	% 8'S	B 4 9	B 5 0	B 5 2	B 5 1	B 6 3	B 5 3	A 3 2	A 2 9	B 5 7	B 3 5		% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 7 8	B 7 5	B 5 2	B 1 8	B 7 1		METHOD
Berka,Noured	42	100	+	+	+	+		+				+	B13	32	100	+	+	+	+			+	+	A36	(4)
Dunn,Dale Dr	10	33	+											25	100	+	+	+	+						(4)
Eckels/CP,	38	???	+	+	+	+	+		+	+	+		A25,B71	41	???	+	+	+		+	+	+	+		(4)
Fotino,Maril	5	100	+											18	84	+	+								(4)
Hahn,Amy B.	28	100	+	+					+	+	+		B58,B71	26	83	+	+	+			+				(4)
Klein,Jon MD	53	100	+		+	+	+	+	+		+		B58,B38	45	57	+	+	+		+		+	+		(4)
Lazda,Velta	49	100	+	+			+	+					B62,B70,A30	32	50	+	+	+						B49,B70	(4)
Leech MD,Ste	13	100	+											27	100	+	+	+							(4)
Mah,Helen	16	100	+						+					22	100	+	+	+	+	+					(4)
McAlack-Bala	10	0	+	+										29	100	+	+	+							(4)
Paik,Young K	32	28					+					+	B5,B17,B21	39	0	+	+			+		+		B5	(4)
Schroeder,M.	27	???	+										B56,B46	20	???	+	+		+					A31	(4)
Smith/MI,	4	66	+											12	56	+		+							(4)
Stewart,Dod	9	100	+	+										12	100	+	+			+					(4)
Suciu-Foca,N	33	6	+		+	+				+				31	44	+	+	+			+				(4)
Tbakhi,Abdel	48	100	+	+	+	+		+						53	100	+	+	+			+				(4)
Ward,William	47	33	+	+	+	+	+			+		+		30	100	+	+	+	+						(4)

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 17 TYPING LABS ***

B49	94%	0.978
B50	47%	0.955
B52	35%	1.000
B51	35%	0.897
B63	29%	1.000
B53	24%	0.833
A29	24%	0.778
A32	24%	0.778
B57	18%	0.750
B35	18%	0.579
B58	12%	1.000
B71	12%	1.000
A25	6%	1.000
B21	6%	1.000
B38	6%	1.000
B56	6%	1.000
B70	6%	1.000
B5	6%	0.778
B62	6%	0.750
B13	6%	0.667
B46	6%	0.667
A30	6%	0.600
B17	6%	0.500

*** 17 TYPING LABS ***

B35	100%	0.933
B53	94%	0.943
B51	76%	0.925
B78	29%	1.000
B75	29%	0.889
B52	24%	1.000
B18	24%	0.714
B71	18%	1.000
A31	6%	1.000
A36	6%	0.667
B49	6%	0.500
B70	6%	0.500
B5	6%	0.444

*** 17 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Antiglobulin

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

	% POS	% 8'S	B 5 3	B 5	B 4 9	B 3 5	B 6 2	B 6 3	B 5 8	B 5 2	B 2 1	B 1 8		% POS	% 8'S	B 3 5 3	B 5 1 8	B 7 5	B 6 2	B 5 1	B 5	B 7 1	B 5 2	B 7 7		METHOD
Cantwell,Lin	100	???			+		+	+	+	+			B51,B57	58	???	+	+	+	+	+	+				B63	(5)
Choo,Yoon MD	45	50			+					+		+	B50,B51	40	67	+		+		+		+		B46	(5)
Claas,F.H.J.	8	0	+	+	+	+	+	+			+			33	50	+					+					(5)
Esteves-Kond	82	67	+		+	+			+	+		+	B57,B77,B71>	63	100	+	+		+	+		+	+	+		(5)
Hahn,Amy B.	24	???	+	+		+	+	+			+		B70,B75,B56>	18	???	+	+	+	+	+		+	+		B78,B21,B72	(5)
Holdsworth,R	100	???											???	58	???	+	+	+	+	+	+				B63,B49,B50	(5)
McAlack,Robe	84	0	+	+	+		+		+			+	B50,B59	54	33	+	+	+	+		+		+	+	+	(5)
Paik,Young K	80	50	+	+		+					+		B15,B17,B40>	43	0	+	+	+			+				B15,B70	(5)
Phelan,Donna	25	???	+	+		+							B15	31	???	+	+	+			+				B15	(5)

********** SERUM NO. 923 ********** ********** SERUM NO. 924 **********

*** 9 TYPING LABS ***

B53	67%	1.000
B5	56%	1.000
B35	56%	1.000
B49	56%	1.000
B62	44%	1.000
B21	33%	1.000
B52	33%	1.000
B58	33%	1.000
B63	33%	1.000
B18	33%	0.625
B15	22%	1.000
B50	22%	1.000
B57	22%	1.000
B59	22%	1.000
B70	22%	1.000
B51	22%	0.667
???	11%	1.000
A29	11%	1.000
B17	11%	1.000
B56	11%	1.000
B71	11%	1.000
B75	11%	1.000
B77	11%	1.000
B40	11%	0.857

*** 9 TYPING LABS ***

B35	100%	0.950
B18	78%	1.000
B53	78%	1.000
B75	56%	1.000
B5	44%	1.000
B51	44%	1.000
B62	44%	0.800
B71	33%	1.000
B52	33%	0.875
B63	22%	1.000
B77	22%	1.000
B15	22%	0.692
B21	11%	1.000
B49	11%	1.000
B50	11%	1.000
B72	11%	1.000
B78	11%	1.000
B70	11%	0.833
B46	11%	0.500

*** 9 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 6 2007 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #385 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*2902	*31	*3503	*440301	*040101/09N	*160101	SSP,RSSOP,SBT
2300	Allegheny Ge	*29	*31	*35	*44	*04	*16	SSP
745	Anthony Nola	*2902	*310102	*3503	*4403	*0401/19/20	*160101	SSO,SSP,RSCA
105	Ball,Edward	*2902	*3101/14N/15	*3503	*4403	*0401/19-21/24	*1601	PCR-SSP
2020	Barnardo,Mar	*290201	*310102	*3503	*4403	*0401/09N	*160101	SSP,SBT
4345	Blasczyk,Rai	*2902	*3101	*3503	*4403	*0401/09N	*1601	PCR-SBT
785	Chan,Soh Ha	*2902/06	*3101	*3503/55	*440301	*0401/09N	*1601/02	SBT
3224	Chen,Dongfen	*2902	*3101/14N	*3503	*4403	*0401/09N	*1601	SBT,SSO
3966	Chongolwatan	*29	*3101	*3503	*4403	*0401	*1601	PCR-SSP
16	Cook,Daniel	*290201	*310102/14N	*3503	*440301	*040101/09N	*160101	P-RSSOP,SBT
3625	Darke,Christ	*29	*31	*35	*4403/26	*0401	*1601	PCR-SSP
1108	Davis,Mary	*2902	*3101	*3503	*4403	*0401	*1601	SSO,SSP
5891	Du,Keming	*2901/02	*3101/02/06	*3503/06	*4403/07			PCR-SSO
3186	Dunckley,Hea	*29	*31	*35	*44	*04	*16	SSP
3766	Dunn,Paul	*29	*3101/09/11-13	*3503/36/55/65Q	*4403/26/35/36+	*0401/05/07/09N+	*1601/02/08	PCR-SSOP
3428	Eckels/Utah	*29	*3101/09/11-13	*3503/36/55/65Q	*4403/26/35/36+			SSOP
4251	Ellis,Thomas	*2902	*3114N	*3503	*4403	*0401/09N	*1601	PCR-SSO,SEQ
762	Fischer&Mayr	*2902	*3101	*3503	*4403	*0401/09N	*1601	RSSO,SBTex1-3
729	Fotino,Maril	*2902	*3101	*3503	*4403	*0401	*1601	SSO,SSP
1461	Hidajat,Mela	*2902	*3101/14N	*3503	*4403	*0401	*1601	SSO,SSP
615	Holdsworth,R	*29	*31	*35	*44			SSP
2344	Hurley&Hartz	*290201	*310102/14N	*3503/70	*440301	*04010101/010102+	*160101	SBT,SSOP
3261	Iwaki,Yui	*29	*31	*35	*44	*04	*16	SSP
797	Kato,Shunich	*2902	*3101	*3503	*4403	*0401/09N	*1601	SSO,SBT
87	Land,Geoff	*2902	*3101	*3503	*4403	*0401	*1601	SBT,SSP
278	Lee,Jar-How	*2902/10/11	*3101/11-15	*3503/55	*4403/36/38/39	*0401	*1601	SSP,RVSSOP
640	Lee,Kyung Wh	*2902	*3101	*3503	*4403	*0401/09N	*1601	PCR-SBT
9916	McIntyre,Joh	*290201	*3114N	*3503	*440301	*0401/20/24	*160101	SBT,SSP,SSO
8021	Montague,Bri	*2901-12/14	*3101/02/05-07/09+	*3501-0401/06-09+	*4403/04/07/13+	*0401/03-10/12+	*1601/0401/08	PCR-SSP
5323	Murad,Shahna	*29	*31	*35	*44	*04	*16	PCR-SSP
5107	Noche,Olivia	*290201-0203	*310102/14N/15	*3503/70	*440301	*04010101-0104+	*160101/08	SSP
8022	Olerup,Olle	*2902	*310102	*3503	*4403	*0401	*1601	SSP
8000	Pahl,Armin	*29	*31	*35	*44			SSO
5096	Park,Jong-Su	*29	*31	*35	*44			SSOP
3648	Pereira,Noem	*29	*31	*35	*44	*04	*16	RVPCR-SSO
2400	Phelan,Donna	*2902	*3101	*3503	*4403var	*0401	*1601	RVSSO,SSP
4689	Rajczy&Gyodi	*29	*31	*3503/55	*44	*0401/18-20/24	*160101	PCR-SSP,SSO
3753	Reed,Elaine	*2902	*3101/14N	*3503	*4403	*0401/09N	*1601	SBT,SSP
782	Richard,Luc	*29	*31	*35	*44	*04	*16	SSP
1694	Sauer,Norber	*29	*31	*35	*44	*04	*16	SSP
3545	Scornik,Juan	*2902	*3114N	*3503	*4403	*0401	*1601	SSOP,SSP,SBT
8042	Shainberg,Br	*2902	*3101/13	*3503	*4403	*0401	*1601	SSP,SSOP
746	Stamm,Luz	*2902	*3101	*3503	*4403	*0401/12	*1601	RVSSOP,SSP
13	Tagliere,Jac	*2902	*310102	*3503	*4403	*0401	*1601	
4021	Trachtenberg	*29	*31	*35	*44	*04	*1601	RVSSOP,SSP
5462	Turner,E.V.	*2902	*3101	*3503	*4403	*0401	*1601	SSP
3135	Wernet,Peter	*2902	*3114N	*3503	*4403	*0401/09N	*1601	SBT,PCR-SSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #386 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101		*080101	*5108	*07	*16	SSP,RSSOP,SBT
2300	Allegheny Ge	*02		*08	*51	*07	*16	SSP
745	Anthony Nola	*0201/31		*0801	*5108	*0701	*1602	SSO,SSP,RSCA
105	Ball,Edward	*02		*0801/29/30N	*5108/44N	*0701/40	*1602/09	PCR-SSP
2020	Barnardo,Mar	*0201/09/43N/66/75/83N/89		*0801/19N/23	*5108/20	*0701	*1602	SSP,SBT
4345	Blasczyk,Rai	*0201/01L/09/43N/66/75/83N/89		*0801/19N	*5108	*0701/06/18	*1602	PCR-SBT
785	Chan,Soh Ha	*02		*0801/08N/19N/23	*5108/20	*07	*1601/02	SBT
3224	Chen,Dongfen	*0201		*0801	*5108	*0701/06/18	*1602	SBT,SSO
3966	Chongolwatan	*02		*08	*5108	*0701/06	*1602	PCR-SSP
16	Cook,Daniel	*020101		*080101	*5108	*070101/18//*0709	*1602//*160101	P-RSSOP,SBT
3625	Darke,Christ	*02		*08	*5108/20	*0701/21/26	*1602	PCR-SSP
1108	Davis,Mary	*0201		*0801	*5108	*0701	*1602	SSO,SSP
5891	Du,Keming	*0201/07/09/15N/18		*0801/08N/18	*5108/20			PCR-SSO
3186	Dunckley,Hea	*02		*08	*51	*07	*16	SSP
3766	Dunn,Paul	*02		*08	*5108	*07	*1601/02/08	PCR-SSOP
3428	Eckels/Utah	*02		*0801/05/08N/10+	*5108			SSOP
4251	Ellis,Thomas	*0201	*0201	*0801	*5108	*0701/06/18	*1602	PCR-SSO,SEQ
762	Fischer&Mayr	*0201/09		*0801	*5108	*0701/06	*1602	RSSO,SBTex1-3
729	Fotino,Maril	*0201		*0801	*5108	*0701	*1602	SSO,SSP
1461	Hidajat,Mela	*0201		*0801/30N	*5108	*0701	*1602	SSO,SSP
615	Holdsworth,R	*02		*08	*51			SSP
2344	Hurley&Hartz	*02010101/010102L+	*02010101/010102L+	*080101/19N	*5108	*070101/0102/06+	*1602	SBT,SSOP
3261	Iwaki,Yui	*02		*08	*51	*07	*16	SSP
797	Kato,Shunich	*0201/01L		*0801	*5108	*0701/06/09+	*1601/02	SSO,SBT
87	Land,Geoff	*0201	*0201	*0801	*5108	*0701	*1602	SBT,SSP
278	Lee,Jar-How	*0201/0102L/66-68/70/71/74/75/77+		*0801/22/24/30N	*5108	*0701/21/24/30+	*1602	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/09/43N/66		*0801/08N/12/19N	*5108	*0701/06	*1602	PCR-SBT
9916	McIntyre,Joh	*0201		*080101	*5108	*0701	*1602/09	SBT,SSP,SSO
8021	Montague,Bri	*02		*0801/06-08N/10+	*5108/20/36	*0701/06/07/09+	*1602/06/07	PCR-SSP
5323	Murad,Shahna	*02		*08	*51	*07	*16	PCR-SSP
5107	Noche,Olivia	*02010101-0112/88N/90/93-97/*9207+		*080101/0107/29+	*5108/44N	*070101-0104/0106+	*1602/09	SSP
8022	Olerup,Olle	*0201		*0801	*5108	*0701	*1602	SSP
8000	Pahl,Armin	*02		*08	*51			SSO
5096	Park,Jong-Su	*02	*02	*08	*51			SSOP
3648	Pereira,Noem	*02		*08	*51	*07	*16	RVPCR-SSO
2400	Phelan,Donna	*0201/30-32N		*0801	*5108	*0701	*1602	RVSSO,SSP
4689	Rajczy&Gyodi	*02		*08	*5108/09/19	*07	*1602/01/08	PCR-SSP,SSO
3753	Reed,Elaine	*0201		*0801/23	*5108/20	*0701	*1602	SBT,SSP
782	Richard,Luc	*02	*02	*08	*51	*07	*16	SSP
1694	Sauer,Norber	*02		*08	*51	*07	*16	SSP
3545	Scornik,Juan	*0201		*0801	*5108	*0701	*1602	SSOP,SSP,SBT
8042	Shainberg,Br	*0201	*0201	*0801	*5108	*0701	*1602	SSP,SSOP
746	Stamm,Luz	*0201		*0801	*5108	*0701	*1602/09	RVSSOP,SSP
13	Tagliere,Jac	*0201		*0801	*5108	*0701	*1602	
4021	Trachtenberg	*02		*08	*51	*07	*16	RVSSOP,SSP
5462	Turner,E.V.	*0201		*0801	*5108	*0701	*1602	SSP
3135	Wernet,Peter	*0201/01L		*0801	*5108	*0701/06/18	*1601	SBT,PCR-SSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #387 (Hispanic) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*240201	*290101	*070501/06	*2702	*020202	*1505	SSP,RSSOP,SBT
2300	Allegheny Ge	NT						
745	Anthony Nola	*2402	*290101	*0705	*2702	*0202/08/14/15	*1505	SSO,SSP,RSCA
105	Ball,Edward	*2402/63/66/68	*29010101/15/16	*0705	*2702	*02	*15	PCR-SSP
2020	Barnardo,Mar	*2402/40N	*2901	*0705/06	*2702	*020202	*1505	SSP,SBT
4345	Blasczyk,Rai	*2402/02L/09N/11N+	*2901/01N	*0705/06	*2702	*0202	*1505	PCR-SBT
785	Chan,Soh Ha	*24	*29	*0705/06/40	*2702	*0202	*1505	SBT
3224	Chen,Dongfen	*2402	*2901	*0705/06	*2702	*0202	*1505	SBT,SSO
3966	Chongolwatan	*24	*29	*0705/06	*27	*0202	*1701/02	PCR-SSP
16	Cook,Daniel	*240201	*290101	*070501	*2702	*020202	*1505	P-RSSOP,SBT
3625	Darke,Christ	*24	*29	*0705/06	*2702	*0202/08	*1505	PCR-SSP
1108	Davis,Mary	*2402	*2901	*0705	*2702	*0202	*1505	SSO,SSP
5891	Du,Keming	*2402/09/11	*2901/02/04	*0705/06	*2702			PCR-SSO
3186	Dunckley,Hea	*24	*29	*07	*27	*02		SSP
3766	Dunn,Paul	*24	*29	*0705/06	*2702	*02	*1504-06/09	PCR-SSOP
3428	Eckels/Utah	*24	*29	*0705/06	*2702			SSOP
4251	Ellis,Thomas	*2402	*2901	*0705/06	*2702	*0202	*1505	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*2901	*0705/06	*2702	*0202	*1505	RSSO,SBTex1-3
729	Fotino,Maril	*2402	*2901	*0705	*2702	*0202	*1505	SSO,SSP
1461	Hidajat,Mela	*2402	*2901	*0705	*2702	*0202	*1505	SSO,SSP
615	Holdsworth,R	*24	*29	*07	*27			SSP
2344	Hurley&Hartz	*24020101/020102L+	*29010101/010102N	*070501/06	*2702	*020202	*150501-0503	SBT,SSOP
3261	Iwaki,Yui	*24	*29	*07	*27	*02	*15	SSP
797	Kato,Shunich	*2402	*2901/01N	*0705/06	*2702	*0202	*1505	SSO,SBT
87	Land,Geoff	*2402	*2901	*0705	*2702	*0202	*1505	SBT,SSP
278	Lee,Jar-How	*2402/63	*2901	*0705	*2702	*0202/09/11/15	*1505	SSP,RVSSOP
640	Lee,Kyung Wh	*2402/09N/11N/36N+	*2901	*0705/06	*2702	*0202	*1505	PCR-SBT
9916	McIntyre,Joh	*24020101	*2901	*070501	*2702	*0202/15	*1505	SBT,SSP,SSO
8021	Montague,Bri	*2402/03/07/09N+	*2901-12	*0705/06/34/*4205	*2701/02/05/08+	*0202/04-14	*1502-06/08-17	PCR-SSP
5323	Murad,Shahna	*24	*29	*07	*27	*02	*15	PCR-SSP
5107	Noche,Olivia	*24020101-0213/54+	*29010101/15/16	*070501/0502	*2702	*020201-0205/10+	*150501-0504+	SSP
8022	Olerup,Olle	*2402	*2901	*0705	*2702	*0202	*1505	SSP
8000	Pahl,Armin	*24	*29	*07	*27			SSO
5096	Park,Jong-Su	*24	*29	*07	*27			SSOP
3648	Pereira,Noem	*24	*29	*07	*27	*02	*15	RVPCR-SSO
2400	Phelan,Donna	*2402	*2901	*0705	*2702	*0202/04	*1505	RVSSO,SSP
4689	Rajczy&Gyodi	*24	*29	*0705/06	*2702	*02	*15	PCR-SSP,SSO
3753	Reed,Elaine	*2402	*2901	*0705/06	*2702	*0202	*1505	SBT,SSP
782	Richard,Luc	*24	*29	*07	*27	*02	*15	SSP
1694	Sauer,Norber	*24	*29	*07	*27	*02	*15	SSP
3545	Scornik,Juan	*2402	*2901	*0705	*2702	*0202	*1505	SSOP,SSP,SBT
8042	Shainberg,Br	*2402	*2901	*0705	*2702	*0202	*1505	SSP,SSOP
746	Stamm,Luz	*2402	*2901	*0705	*2702	*0202	*1505	RVSSOP,SSP
13	Tagliere,Jac	*2402	*290101	*0705	*2702	*0202	*1505	
4021	Trachtenberg	*24	*29	*0705/06	*2702	*02	*15	RVSSOP,SSP
5462	Turner,E.V.	*2402	*2901	*0705	*2702	*0202	*1505	SSP
3135	Wernet,Peter	*2402	*2901/01N	*0705/06	*2702	*0202	*1505	SBT,PCR-SSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #388 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*0205	*3301	*140201	*5001	*060201	*0802	SSP,RSSOP,SBT
2300	Allegheny Ge	NT						
745	Anthony Nola	*0205	*3301	*1402	*5001	*0602	*0802/12	SSO,SSP,RSCA
105	Ball,Edward	*02	*33	*1402	*5001/04	*0602/14	*0802	PCR-SSP
2020	Barnardo,Mar	*0205	*3301	*140201	*5001	*0602	*0802	SSP,SBT
4345	Blasczyk,Rai	*0205	*3301	*1402	*5001	*0602	*0802	PCR-SBT
785	Chan,Soh Ha	*0205	*3301/03	*140201	*5001	*0602/06/07/09/11	*05/*08	SBT
3224	Chen,Dongfen	*0205	*3301	*1402	*5001	*0602	*0802	SBT,SSO
3966	Chongolwatan	*0205	*33	*14	*5001	*0602	*0802	PCR-SSP
16	Cook,Daniel	*0205	*3301	*140201	*5001	*060201	*0802	P-RSSOP,SBT
3625	Darke,Christ	*0205	*33	*1402-04	*5001/04	*0602	*0802/12	PCR-SSP
1108	Davis,Mary	*0205	*3301	*1402	*5001	*0602	*0802	SSO,SSP
5891	Du,Keming	*0205/08	*3301/03-06	*1402	*5001/04			PCR-SSO
3186	Dunckley,Hea	*02	*33	*1402/03	*50	*06	*08	SSP
3766	Dunn,Paul	*0205/08	*3301/03-06	*1402	*5001	*0602/10/12/13	*0802/12	PCR-SSOP
3428	Eckels/Utah	*0205/08	*33	*1402	*5001			SSOP
4251	Ellis,Thomas	*0205	*3301	*1402	*5001	*0602	*0802	PCR-SSO,SEQ
762	Fischer&Mayr	*0205	*3301	*1402	*5001	*0602	*0802	RSSO,SBTex1-3
729	Fotino,Maril	*0205	*3301	*1402	*5001	*0602	*0802	SSO,SSP
1461	Hidajat,Mela	*0205	*3301	*1402	*5001	*0602	*0802	SSO,SSP
615	Holdsworth,R	*02	*33	*14	*50			SSP
2344	Hurley&Hartz	*0205	*3301	*140201	*5001	*06020101/020102	*0802	SBT,SSOP
3261	Iwaki,Yui	*02	*33	*14	*5001/04	*06	*08	SSP
797	Kato,Shunich	*0205	*3301	*1402	*5001	*0602	*0802	SSO,SBT
87	Land,Geoff	*0205	*3301	*1402	*4504/*5001	*0602	*0802	SBT,SSP
278	Lee,Jar-How	*0205	*3301	*1402	*5001	*0602/10/12/13	*0802	SSP,RVSSOP
640	Lee,Kyung Wh	*0205	*3301	*1402	*5001	*0602	*0802	PCR-SBT
9916	McIntyre,Joh	*0205	*3301	*140201	*5001	*0602/14	*0802	SBT,SSP,SSO
8021	Montague,Bri	*0202/03/05/08/11+	*3301/03-07	*1402-04	*5001/04	*0602/03/07/09+	*0802/04/05/07	PCR-SSP
5323	Murad,Shahna	*02	*33	*(B65)	*50	*06	*08	PCR-SSP
5107	Noche,Olivia	*0205	*3301	*140201/0202	*4504/*5001	*06020101/020102+	*0802	SSP
8022	Olerup,Olle	*0205	*3301	*1402	*5001	*0602	*0802	SSP
8000	Pahl,Armin	*02	*33	*14	*50			SSO
5096	Park,Jong-Su	*02	*33	*14	*50			SSOP
3648	Pereira,Noem	*02	*33	*14	*50	*06	*08	RVPCR-SSO
2400	Phelan,Donna	*0205	*3301	*1402	*5001	*0602	*0802	RVSSO,SSP
4689	Rajczy&Gyodi	*02	*33	*1402/06	*5001/04	*06	*0802	PCR-SSP,SSO
3753	Reed,Elaine	*0205	*3301	*1402	*5001	*0602//*0501	*0802//*0611	SBT,SSP
782	Richard,Luc	*02	*33	*14/*39	*50	*06	*08	SSP
1694	Sauer,Norber	*02	*33	*14	*50	*06	*08	SSP
3545	Scornik,Juan	*0205	*3301	*1402	*5001	*0602	*0802	SSOP,SSP,SBT
8042	Shainberg,Br	*0205	*3301	*1402	*5001	*0602	*0802	SSP.SSOP
746	Stamm,Luz	*0205	*3301	*1402	*5001	*0602	*0802	RVSSOP,SSP
13	Tagliere,Jac	*0205	*3301	*1402	*5001	*0602	*0802	
4021	Trachtenberg	*0205/08	*33	*1402/04	*5001/04	*0602/14	*0802/07/12	RVSSOP,SSP
5462	Turner,E.V.	*0205	*3301	*1402	*5001	*0602	*0802	SSP
3135	Wernet,Peter	*0205	*3301	*1402	*5001	*0602	*0802	SBT,PCR-SSO

SUMMARY

Extract 385 (Caucasian)			Extract 386			Extract 387 (Hispanic)			Extract 388		
47 labs			47 labs			46 labs			46 labs		
A*29	42%		A*02	62%		A*24	55%		A*02	26%	
A*2902	49%		A*0201	34%		A*2402	39%		A*0205/08	9%	
A*290201	9%		A*020101	4%		A*240201	4%		A*0205	65%	
A*29	100%	TOTAL	A*02	100%	TOTAL	A*24020101	2%		A*02	100%	TOTAL
						A*24	100%	TOTAL			
A*31	47%								A*33	41%	
A*3101/14N	6%					A*29	43%		A*3301	59%	
A*310101/14N	4%					A*2901	46%		A*33	100%	TOTAL
A*3101	25%					A*290101	11%				
A*310102	9%					A*29	100%	TOTAL			
A*3114N	9%										
A*31	100%	TOTAL									
47 labs			47 labs			46 labs			46 labs		
B*35	45%		B*08	60%		B*07	22%		B*14	28%	
B*3503	55%		B*0801	34%		B*0705/06	35%		B*1402	57%	
B*35	100%	TOTAL	B*080101	6%		B*070501/06	4%		B*140201	13%	
			B*08	100%	TOTAL	B*0705	33%		B*14	98%	TOTAL
B*44	38%					B*070501	4%				
B*4403	47%		B*51	32%		B*07	98%	TOTAL	B*50	18%	
B*4403var	2%		B*5108/20	11%					B*5001/04	15%	
B*440301	13%		B*5108	57%		B*27	24%		B*5001	63%	
B*44	100%	TOTAL	B*51	100%	TOTAL	B*2702	76%		B*50	96%	TOTAL
						B*27	100%	TOTAL			
42 labs			42 labs			41 labs			41 labs		
Cw*04	38%		Cw*07	45%		Cw*02	41%		Cw*06	37%	
Cw*0401/09N	24%		Cw*0701/06/18	12%		Cw*0202	49%		Cw*0602	54%	
Cw*040101/09N	7%		Cw*0701/06	7%		Cw*020202	10%		Cw*060201	7%	
Cw*0401	31%		Cw*0701	36%		Cw*01	100%	TOTAL	Cw*06	98%	TOTAL
Cw*04	100%	TOTAL	Cw*07	100%	TOTAL						
						Cw*15	27%		Cw*08	27%	
Cw*16	26%		Cw*16	36%		Cw*1505	68%		Cw*0802	68%	
Cw*1601	57%		Cw*1602/09	10%		Cw*15	95%	TOTAL	Cw*08	95%	TOTAL
Cw*160101	17%		Cw*1601	2%							
Cw*16	100%	TOTAL	Cw*1602	52%							
			Cw*16	100%	TOTAL						

CTR	INVESTIGATOR NAME	CELL NO.1297 (Filipino) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*1101	*2628	*1501/*9516	*4001/65/66	*0401/19/20	*0401/19-21	SSO,SSP,RSCA
2020	Barnardo,Mar	*110101/21N	*260101/24/26	*1501/*9502/04	*4001/55	*0401/09N		SSP,SBT
5232	Charlton,Ron	*1101	*2601	*1501	*4001	*0401		SSP
4492	Charron,D.	*11	*26	*15/*95	*40			PCR-SSO
798	Claas,F.H.J.	*1101	*26new	*1501	*4001	*0401		SBT,SSP,RLB
3632	Colombe,Beth	*1101	*2601/12	*1501	*4001	*0401		
16	Cook,Daniel	*11var	*26var	*150101//*1530	*4001//*4052	*040101/09N		RSSOP,SSP,SBT
5130	Costeas,Paul	*1101	*2601	*1501	*4001	*0401		SSP
3625	Darke,Christ	*11	*26	*15(B62)	*40(B60)	*0401/07/10		PCR-SSP
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*11	*26	*1501/04/05/08/11+	*4001/07/22N/30+	*04		SSP
3766	Dunn,Paul	*11	*2612	*15	*40	*04		SSO
856	Dupont,Bo	*1101-3/07-09+	*2611N/14	*15	*40	*0401	*04	RVSSO
4251	Ellis,Thomas	*1101	*26	*1501	*4001	*0401/09N	*0401/09N	PCR-SSO,SEQ
762	Fischer&Mayr	*1101	*26new	*1501	*4001	*0401/09N		RSSO,SSP,SBT
729	Fotino,Maril	*1101	*2601	*1501	*4001	*0401		SSO,SSP
3808	Hogan,Patric	*11	*26	*1501/38/50/60/70+	*4001/22N/30/34+	*04		
771	Israel,Shosh	*1101	*26	*1501	*4001	*0401		PCR-SSO,SSP
859	Kamoun,Malek	*1101	*26	*1501	*4001	*0401		PCR-SSO,SSP
4337	Kim,Tai-Gyu	*1101	*26	*1501	*4001	*0401		SBT
168	Klein,Tirza	*1101	*2613/19	*1534	*4001	*0401		PCR-SSP,SSO
278	Lee,Jar-How	*1101/21/22	*26new	*1501/79N/81/82/92+	*4001/54/55/62/65+	*0401/12/17-21		SSP,RVSSOP
759	Lefor,W.M.	*1101-03/07/09+	*2612/28	*1501/28/30/33-35+	*4001/10/14/21/43+	*04		RVSSOP
731	Loewenthal,R	*110101	*26new	*150101	*4001	*040101/09N		SBT,SSO,SSP
792	Moore,S.Brea	*11	*26	*15(B62)	*40(B60)	*04		PCR-SSO
733	Mytilineos,J	*11	*26	*15	*40	*04		PCR-SSO
774	Paik,Young	*11	*26	*15	*40	*04		SSP
8001	Pancoska,Car	*11	*26	*1501/79N/81/82/92+	*4001	*04		
4336	Park,Myoung	*11	*2611N/24	*15	*40	*04		RVSSO
4689	Rajczy&Gyodi	*11	*26	*15	*40	*04		PCR-SSO,SSP
5200	Reinke,Dennis	*11	*26	*15(B62)	*40(B60)	*04		SSP
1160	Rosen-Bronso	*11	*2601/27/32	*1501	*4001/62/69/66/69	*04		RVSSO,SSP
793	Rubocki,Ron	*11	*26	*15	*40(B60)	*04		SSP
4948	Sage,Deborah	*1101/05/07/09+	*2611N/28	*1501/04-07/20/25+	*4001/25	*0401/09N		
4744	Satake,Masah	*110101	*260101new	*150101	*4001			SBT
3904	Stewart,Dod	*11	*26	*15010101/0102-0105	*400101-0103/0105	*0401		PCR-SSP
769	Tavoularis,S	*1101/15/21N/22+	*2628	*1501/53/71/79N/81+	*4001/54/55/62/65+	*0401		SSO,SSP,SBT
747	Tiercy,Jean-	*110101	*26var	*1501	*4001	*0401		SSO,SSP,SBT
5462	Turner,E.V.	*1101	*2601	*1501	*4001	*0401		SSP
5451	Van den Berg-	*110101	*26new	*150101	*4001	*040101		SBT
5642	Varnavidou-N	*11	*26	*15	*40	*04		PCR-SSP,SSO
705	Watkins,Davi	*11	*26	*15(B62)	*40(B60)	*04		PCR-SSP
1466	Yu_Neng/ARC	*1101/21N	*26new	*1501/79N/*9502/04	*4001/55	*0401/09N		SSP,SSOP,SBT

INVESTIGATOR	CELL NO.1298 (Korean)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*0206/91	*0201/07	*1527	*4601	*0102	*0401/19/20	SSO,SSP,RSCA
2020 Barnardo,Mar	*020601	*0207/15N	*1527	*4601	*0102	*0401/09N	SSP,SBT
5232 Charlton,Ron	*0206	*0207	*1527	*4601	*0102	*0401	SSP
4492 Charron,D.	*02		*15	*46			PCR-SSO
798 Claas,F.H.J.	*0206	*0207	*1527	*4601	*0102	*0401	SBT,SSP,RLB
3632 Colombe,Beth	*0206	*0207	*1527	*4601	*0102	*0401	
16 Cook,Daniel	*020601	*0207	*1527	*460101	*010201	*040101/09N	RSSOP,SSP,SBT
5130 Costeas,Paul	*0206	*0207	*1527	*4601	*0102	*0401	SSP
3625 Darke,Christ	*0206/28/82	*0207/15N/18	*15(B62)	*4601/02/04	*0102	*0401	PCR-SSP
4269 Dormoy,Anne					*010201	*040101	PCR-SSP,SBT
3186 Dunckley,Hea	*02		*1501/04/05/07/26N+	*46	*01	*04	SSP
3766 Dunn,Paul	*0206+	*0201+	*1527/*9509	*4601/02/04/07N	*01	*04	SSO
856 Dupont,Bo	*0206	*02	*1527/*9509	*4601/02/04/07N	*0102/06-08/11	*0401/05/09N+	RVSSO
4251 Ellis,Thomas	*0206	*0207	*1527	*4601	*0102	*0401/09N	PCR-SSO,SEQ
762 Fischer&Mayr	*0206	*0207	*1527	*4601	*0102	*0401/09N	RSSO,SSP,SBT
729 Fotino,Maril	*0206	*0207	*1527	*4601	*0102	*0401	SSO,SSP
3808 Hogan,Patric	*02		*1527/*9509	*46	*01	*04	
771 Israel,Shosh	*0206	*0207	*1527	*4601	*0102	*0401	PCR-SSO,SSP
859 Kamoun,Malek	*0206	*0207	*1527	*4601/04/07N	*0102	*0401	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0206	*0207/15N	*1527	*4601	*0102	*0401	SBT
168 Klein,Tirza	*0206	*0207	*1527/*9509	*4601/03/05/07N/08	*0102	*0401	PCR-SSP,SSO
278 Lee,Jar-How	*0206/72/84/91	*0207	*1527	*4601/07N	*0102/11	*0401/18-20	SSP,RVSSOP
759 Lefor,W.M.	*0206/10/21/28+	*0201/04/07/09+	*1527/*9509	*4601/02/04	*01	*04	RVSSOP
731 Loewenthal,R	*020601	*0207	*1527	*460101	*0102	*040101/09N	SBT,SSO,SSP
792 Moore,S.Brea	*02		*15(B62)	*46	*01	*04	PCR-SSO
733 Mytilineos,J	*02	*02	*15	*46	*01	*04	PCR-SSO
774 Paik,Young	*02		*15	*46	*01	*04	SSP
8001 Pancoska,Car	*02		*1527	*46	*01	*04	
4336 Park,Myoung	*02		*1527	*4601/02/04	*01	*04	RVSSO
4689 Rajczy&Gyodi	*02	*02	*15	*46	*01	*04	PCR-SSO,SSP
5200 Reinke,Dennis	*02		*15(B62)	*46	*01	*04	SSP
1160 Rosen-Bronso	*02		*1527/*9509	*46	*01	*04	RVSSO,SSP
793 Rubocki,Ron	*02		*15	*46	*01	*04	SSP
4948 Sage,Deborah	*02		*1527	*4601	*0102	*0401/09N	
4744 Satake,Masah	*0206	*0207	*1527	*4601			SBT
3904 Stewart,Dod	*0206	*0207	*1527	*46	*01	*04	PCR-SSP
769 Tavoularis,S	*0206/72/84/91	*0207	*1527	*4601/07N	*0102	*0401/18/20	SSO,SSP,SBT
747 Tiercy,Jean-	*020601	*0207	*1527	*460101	*0102	*0401	SSO,SSP,SBT
5462 Turner,E.V.	*0206	*0207	*1527	*4601	*0102	*0401	SSP
5451 Van den Berg-	*020601	*0207	*1527	*460101	*0102	*040101	SBT
5642 Varnavidou-N	*02		*15	*46	*01	*04	PCR-SSP,SSO
705 Watkins,Davi	*02		*15(B62)	*46		*04	PCR-SSP
1466 Yu_Neng/ARC	*020601	*0207/15N	*1527	*460101	*0102	*04010101/09N	SSP,SSOP,SBT

CTR	INVESTIGATOR NAME	CELL NO.1299 (Hispanic) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*0201/31	*2301	*3801	*5108	*1203/04	*1601/02	SSO,SSP,RSCA+
2020	Barnardo,Mar	*0201/43N/66/75+	*2301/07N/12	*380101	*5108	*1203	*1602	SSP,SBT
5232	Charlton,Ron	*0201	*2301	*3801	*5108	*1203	*1602	SSP
4492	Charron,D.	*02	*2301	*3801/12	*5108	*1203/04	*1601/02	PCR-SSP
798	Claas,F.H.J.	*0201	*2301	*3801	*5108	*1203/04	*1601/02	SBT,SSP,RLB
3632	Colombe,Beth	*0201	*2301	*3801	*5108	*1203	*1602	
16	Cook,Daniel	*0201	*2301	*380101	*5108	*120301//*120402	*1602//*160101	RSSOP,SSP,SBT
5130	Costeas,Paul	*0201	*2301	*3801	*5108	*1203/04	*1601/02	SSP
3625	Darke,Christ	*02	*23	*3801/09	*5108/20	*1203	*1602	PCR-SSP
4269	Dormoy,Anne	NT						PCR-SSP,SBT
3186	Dunckley,Hea	*02	*23	*38	*51	*12	*16	SSP
3766	Dunn,Paul	*02	*23	*3801/09/13/14	*5108	*12	*16	SSO
856	Dupont,Bo	*02	*2301/03/05/06+	*3801/09	*5108/20	*1202-04/11	*1601/02/08	RVSSO
4251	Ellis,Thomas	*0201	*2301	*3801	*5108	*1203/04	*1601/02	PCR-SSO,SEQ
762	Fischer&Mayr	*0201/09	*2301	*3801	*5108	*1203	*1602	RSSO,SSP,SBT
729	Fotino,Maril	*0201	*2301	*3801	*5108	*1203	*1602	SSO,SSP
3808	Hogan,Patric	*02	*23	*3801/02/04/08/09+	*5108/20/36	*1203/06/11/13+	*1602/09	
771	Israel,Shosh	*0201	*2301	*3801	*5108	*1203	*1602	PCR-SSO,SSP
859	Kamoun,Malek	*0201	*2301	*3801	*5108	*1203	*1602	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*0201	*2301	*3801	*5108	*1203	*1602	SBT
168	Klein,Tirza	*0201	*2301	*3801	*5108	*1203	*1602	PCR-SSP,SSO
278	Lee,Jar-How	*0201/0102L/66+	*2301	*3801/09	*5108	*1203/04/11	*1601/02/08	SSP,RVSSOP
759	Lefor,W.M.	*0201/07/09/18+	*2301/03/05/06	*3801/09/13/14	*5108	*12	*16	RVSSOP
731	Loewenthal,R	*020101	*2301	*380101	*5108	*120301	*1602	SBT,SSO,SSP
792	Moore,S.Brea	*02	*23	*38	*51	*12	*16	PCR-SSO
733	Mytilineos,J	*02	*23	*38	*5108	*12	*16	PCR-SSO
774	Paik,Young	*02	*23	*38	*51	*12	*16	SSP
8001	Pancoska,Car	*02	*23	*38	*51	*12	*16	
4336	Park,Myoung	*02	*23	*3801/09	*5108/20	*12	*1601/02	RVSSO
4689	Rajczy&Gyodi	*02	*23	*3801/09	*5108/20	*1203-05	*1602/09	PCR-SSO,SSP
5200	Reinke,Dennis	*02	*23	*38	*51	*12	*16	SSP
1160	Rosen-Bronso	*02	*23	*38	*51	*12	*16	RVSSO,SSP
793	Rubocki,Ron	*02	*23	*38	*51	*12	*16	SSP
4948	Sage,Deborah	*02	*23	*3801/09/11	*5108	*1203/06	*1602	
4744	Satake,Masah	*020101	*2301	*3801	*5108			SBT
3904	Stewart,Dod	*02	*23	*38	*5108	*12	*16	PCR-SSP
769	Tavoularis,S	*0201/01L/53N/66+	*2301/11N	*3801	*5108	*1203/04	*1601/02	SSO,SSP,SBT
747	Tiercy,Jean-	NT						
5462	Turner,E.V.	*0201	*2301	*3801	*5108	*1203	*1602	SSP
5451	Van den Berg-	*020101	*2301	*380101	*5108	*120301	*1602	SBT
5642	Varnavidou-N	*02	*23	*38	*51	*12	*16	PCR-SSP,SSO
705	Watkins,Davi	*02	*23	*38	*51	*12	*16	PCR-SSP
1466	Yu_Neng/ARC	*0201/09/43N/66+	*2301/07N/11N	*380101	*5108	*12030101	*1602	SSP,SSOP,SBT

INVESTIGATOR	CELL NO.1300 (Hispanic)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*0201/95	*6801/33	*3901	*3909	*0702		SSO,SSP,RSCA+
2020 Barnardo,Mar	*0201/43N/66/75+	*680102/11N	*3901	*3909	*070201		SSP,SBT
5232 Charlton,Ron	*0201	*6801	*3901	*3909	*0702		SSP
4492 Charron,D.	*02	*6801/33/35	*39	*3909	*0702/37/39/42/45		PCR-SSP
798 Claas,F.H.J.	*0201	*6801	*3901	*3909	*0702		SBT,SSP,RLB
3632 Colombe,Beth	*0201	*6801	*3901/09	*3909	*0702		
16 Cook,Daniel	*020101	*680102/11N	*390101	*3909	*070201		RSSOP,SSP,SBT
5130 Costeas,Paul	*0201	*6801/09	*3901	*3909	*0702		SSP
3625 Darke,Christ	*02	*68	*39		*0702		PCR-SSP
4269 Dormoy,Anne	NT						PCR-SSP,SBT
3186 Dunckley,Hea	*02	*68	*39		*07		SSP
3766 Dunn,Paul	*02	*68	*3901/01L/15/25N+	*3909	*07		SSO
856 Dupont,Bo	*02	*68	*3901	*39	*07	*0701	RVSSO
4251 Ellis,Thomas	*0201	*6801/11N	*3901	*3909	*0702	*0702	PCR-SSO,SEQ
762 Fischer&Mayr	*0201/09	*6801	*3901	*3909	*0702		RSSO,SSP,SBT
729 Fotino,Maril	*0201	*6801	*3901/09	*3909	*0702		SSO,SSP
3808 Hogan,Patric	*02	*68	*39		*0702/03/10/13/15/17/23/25/29+		
771 Israel,Shosh	*0201	*6801	*3901	*3909	*0702		PCR-SSO,SSP
859 Kamoun,Malek	*0201	*6801	*3901	*3909	*0702		PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0201	*6801	*3901	*3909	*0702		SBT
168 Klein,Tirza	*0201	*6801	*3901	*3909	*0702		PCR-SSP,SSO
278 Lee,Jar-How	*0201/0102L/66+	*6801/21/24/32+	*3901/26/27/31/38Q+	*3909	*0702/23/25/27/29/32N/33N		SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18+	*6801/07/12/16+	*3901/01L/15/25N/26	*3909	*07		RVSSOP
731 Loewenthal,R	*020101	*680102/11N	*3901	*3909	*070201		SBT,SSO,SSP
792 Moore,S.Brea	*02	*68	*39		*07		PCR-SSO
733 Mytilineos,J	*02	*68	*39	*3909	*07		PCR-SSO
774 Paik,Young	*02	*68	*39		*07		SSP
8001 Pancoska,Car	*02	*68	*39		*07		
4336 Park,Myoung	*02	*68	*39		*07		RVSSO
4689 Rajczy&Gyodi	*02	*68	*39		*07		PCR-SSO,SSP
5200 Reinke,Dennis	*02	*68	*39		*07		SSP
1160 Rosen-Bronso	*02	*68	*39		*07		RVSSO,SSP
793 Rubocki,Ron	*02	*68	*39		*07		SSP
4948 Sage,Deborah	*02	*68	*39		*0702/13/15		
4744 Satake,Masah	*020101	*680102	*3901	*3909			SBT
3904 Stewart,Dod	*02	*68	*3909/01		*07		PCR-SSP
769 Tavoularis,S	*0201/01L	*6801	*3901/01L/26-28/31+	*3909	*0702		SSO,SSP,SBT
747 Tiercy,Jean-	NT						
5462 Turner,E.V.	*0201	*6801	*3901/09		*0702		SSP
5451 Van den Berg-	*020101	*680102	*3901	*3909	*070201		SBT
5642 Varnavidou-N	*02	*68	*39		*07		PCR-SSP,SSO
705 Watkins,Davi	*02	*68	*39		*07		PCR-SSP
1466 Yu_Neng/ARC	*0201/09/43N/66+	*680102/11N/33	*3901	*3909	*0702		SSP,SSOP,SBT

Cell 1297 (Filipino)

42 labs	
A*11	59%
A*1101	31%
A*110101	10%
A*11	100% TOTAL
A*26	62%
A*2601	10%
A*2612	2%
A*2628	5%
A*260101new	2%
A*26var	14%
A*26new	5%
A*26	100% TOTAL

42 labs	
B*15	57%
B*1501	33%
B*150101	7%
B*1534	3%
B*15	100% TOTAL
B*40	57%
B*4001	43%
B*40	100% TOTAL

40 labs	
Cw*04	45%
Cw*0401/09N	13%
Cw*040101/09N	5%
Cw*0401	35%
Cw*040101	2%
Cw*04	100% TOTAL

Cell 1298 (Korean)

42 labs	
A*02	50%
A*0206	36%
A*020601	14%
A*02	100% TOTAL
A*02	55%
A*0207	45%
A*02	100% TOTAL

42 labs	
B*15	26%
B*1527/*9509	14%
B*1527	60%
B*15	100% TOTAL
B*46	55%
B*4601	33%
B*460101	12%
B*46	100% TOTAL

41 labs	
Cw*01	42%
Cw*0102	51%
Cw*010201	5%
Cw*01	98% TOTAL
Cw*04	49%
Cw*0401/09N	10%
Cw*040101/09N	5%
Cw*04010101/09N	2%
Cw*0401	29%
Cw*040101	5%
Cw*04	100% TOTAL

Cell 1299 (Hispanic)

41 labs	
A*02	64%
A*0201	29%
A*020101	7%
A*02	100% TOTAL
A*23	54%
A*2301	46%
A*23	100% TOTAL

41 labs	
B*38	39%
B*3801/09	12%
B*3801	37%
B*380101	12%
B*38	100% TOTAL
B*51	24%
B*5108/20	10%
B*5108	66%
B*51	100% TOTAL

40 labs	
Cw*12	50%
Cw*1203/04	15%
Cw*1203	27%
Cw*120301	5%
Cw*12030101	3%
Cw*12	100% TOTAL
Cw*16	45%
Cw*1601/02	17%
Cw*1602	38%
Cw*16	100% TOTAL

Cell 1300 (Hispanic)

41 labs	
A*02	61%
A*0201	29%
A*020101	10%
A*02	100% TOTAL
A*68	59%
A*6801/11N	2%
A*680102/11N	7%
A*6801	27%
A*680102	5%
A*68	100% TOTAL

41 labs	
B*39	59%
B*3901	39%
B*390101	2%
B*39	100% TOTAL
B*39	41%
B*3909	59%
B*39	100% TOTAL

40 labs	
Cw*07	50%
Cw*0702	40%
Cw*070201	10%
Cw*07	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		CELL NO.1297								CELL NO.1298								CELL NO.1299								CELL NO.1300							
		VI								VI								VI								VI							
INVESTIGATOR		A	A	A	B	B	C	B	(FILP)	A	A	B	B	C	C	B	(KORE)	A	A	A	B	B	B	(HISP)	A	A	A	B	C	B	(HISP)
	DAYS	B	1	2	6	6	W	W		B	2	6	4	W	W	W		B	2	2	3	5	W		B	2	6	3	W	W		
NAME	OLD	%	1	6	2	0	4	6	OTHERS	%		2	6	1	4	6	OTHERS	%		3	8	1	4	OTHERS	%		8	9	7	6	OTHERS
Abbal,M. Pro	8	95	+	+	+	+		+		85	+		+	+		+		98	+	+	+	+	+		85	+	+	+			+	
Alvarez,Carr	3	90	+	+	+	+	+	+		80	+		+	+	+	+		90	+	+	+	+	+		95	+	+	+	+		+	
Anthony Nola	3	98	+	+	+	+				95	+		+	+				100	+	+	+	+			100	+	+	+				
Berka,Noured	2	99	+	+	+	+		+	CW7	99	+		+	+	+	+		99	+	+	+	+	+		99	+	+	+	+		+	
Bow,Laurine	2	99	+	+	+	+		+		99	+		+	+		+		98	+	+	+	+	+		98	+28	+				+	
Burger,Joe	2	99	+	+	+	+	+	+	CW3	99	+		+	+	+	+		99	+	+	+	+	+		99	+	+	+	+		+	CW6
Chan MD,Soh	6	80	+	+	+	+	+	+	CW8	80	+		+	+	+	+		80	+	+	+	+	+		80	+		+	+		+	
Charoenwongs	8	85	.1	+	+	+		+		82	+		+	+		+		86	+	+	+	+	+		82	+28	+				+	B14
Charron,D. P	11	80	+	+	+	+				80	+		+	+				80	+	+	+	+			80	+	+	+				
Chongkolwata	8	90	01	+	+	+		+		85	+		+	+		+		90	+	+	+	+	+		90	+28	+				+	
Choo,Yoon MD	2	99	+	+	+	+	+	+		99	+		+	+	+	+		99	+	+	+	+	+		99	+	+	+	+		+	
Ciccia/Willi	7	99	+	+	+	+	+	+		99	+		+			+		99	+	+	+	+	+		99	+	+	+	+		+	
Claas,F.H.J.	6	90	+	+	+	+	+	+		90	+		+	+	+	+		90	+	+	+	+	+		90	+28	+	+	+		+	
Cook,Daniel	2	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+	+		95	+	+	+	+			
Danilovs,Joh	2	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+	+		98	+28	+	+	+			
Darke,Christ	6	90	+	+	+	+	+	+		80	+		+	+	+	+		90	+	+	+	+	+		80	+	+	+	+		+	
Du Toit,Erne	10	90	+10	+	+			+		90	+		+	+		+		90	+	+	+		+		90	+28	+				+	
Dunckley,Hea	8	NT								NT								NT							NT							
Dunk,Arthur	2	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+	+		98	+28	+		+		+	
Dunn,Paul Ph	7	99	+	+	+	+		+		99	+		+	+		+		99	+	+	+	+	+		99	+	+	+			+	B14
Eckels/Utah,	3	99	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+	+		99	+28	+		+		+	
Fotino,Maril	2	???	+	+	+	+	+	+		???	+		+	+	+	+		???	+	+	+	+	+		???	+	+	+	+		+	
Foxcroft,Z.K	6	95	+	+	+	+		+		95	+		+			+		95	+	+	+	+	+		95	+28	+				+	
Furukawa,Yok	6	94	.1	+	+	+	+	+		93	+		+	+	+	+		94	+	+	+	+	+		90	+28	+	+	+		+	
Goggins,R.	3	98	+	+	+	+		+		98	+		+	+	+	+		98	+	+	+	+	+		98	+28	+	+	+		+	
Hahn,Amy B.	2	99	+	+	+	+	+	+	6601	99	+		+	+	+	+		99	+	+	+	+	+		99	+	+	+	+		+	
Hajeer,Ali D	13	90	+	+	+	+		+		90	+		+			+	A28	90	+	+	+	+	+		90	+	+	+	+		+	
Harville/ACH	2	99	+	+	+	+	+	+		99	+		+	+	+	+		99	+		+	+	+	A33	99	+	+	+	+		+	
Harville/UA,	3	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+	+		95	+	+	+	+		+	
Henrico Doct	10	95	+	+	+	+		+		95	+		+	+		+		95	+	+	+	+	+		95	+	+	+			+	
Hogan,Patric	10	90	+	+	+	+	+	+		90	+		+	+		+	+	90	+	+	+	+		BW6	90	+28	+	+	+		+	
Holdsworth,R	10	90	+	+	+	+		+	CW7	90	+		+		+		B15	95	+	+	+	+	+		95	+	+	+	+		+	
Hubbell,Char	2	95	+	+	+	+		+	6601,A43	95	+		+	+		+		95	+	+	+	+	+		95	+28	+				+	
Ichikawa MD,	7	???	+		+		+	+	A34,B13	???	+		+	+	+	+		???	+		+	+	+	A24	???	+	+	+	+		+	
Israel,Shosh	2	95	+	+	+	+	+	+		95	+		+		+	+		95	+	+	+	+	+		95	+28	+	+	+		+	
Keown,Paul M	3	100	+	+	+	+		+		100	+		+	+		+		100	+	+	+	+	+		100	+	+	+			+	B14
Kim,Kyeong-H	6	95	+	+	+	+	+	+	B75	95	+		15	+		+	CW6	95	+	+	+	+	+		95	+	+	+	+		+	
Klein,Jon MD	2	98	+	+	+	+		+		98	+		+	+		+		98	+	+	+	+	+		98	+	+	+			+	B64
Klein,Tirza	6	95	+	+	+	+	+	+		90	+		+	+	+	+		95	+	+	+	+	+		95	+	+	+	+		+	
Kohara,Setsu	8	99	+	+	+	+	+	+		99	+		+		+	+		99	+		+	+	+	A33	99	+		+	+		+	
Kopko,Patric	2	98	+	+	+	+	+	+		97	+		+	+	+	+		96	+	+	+	+	+		98	+	+	+	+		+	
Kvam,Vonnett	3	95	+	+	+	+	+	+		90	+		+	+	+	+		95	+	+	+	+	+		???	+28	+	+	+		+	
Lardy,N.M. D	6	100	+	+	+	+		+		100	+		+	+		+		100	+	+	+	+	+		100	+28	+	+	+		+	
Lazda,Velta	2	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+	+		98	+	+	+	+		+	
Lebeck,Laura	3	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+	+		98	+28	+	+	+		+	
Lee,Wee Gyo	6	90	+	+	+	+	+	+		90	+		+	+	+	+		90	+		+	+	+	CX12,CX16	90	+	+	+	+		+	
Leech MD,Ste	3	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+	+		95	+	+	+	+		+	B14
Lefor,W.M. P	2	99	+10	+	+	+		+	A10V	99	+		+	+	+	+		99	+	+	+	+	+	B51S	99	+	+	+	+		+	
Lo,Raymundo	4	98	01		+	+		+	A34	98	+		+	+		+		98	+	+	+	+	+		98	+	+	+			+	B14
Loewenthal M	7	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+	+		95	+28	+		+		+	

INTERNATIONAL CELL EXCHANGE

		****** CELL NO.1297 **********								CELL NO.1298 **********								CELL NO.1299 **********								CELL NO.1300 ******							
		VI								VI								VI								VI							
INVESTIGATOR		A	A	A	B	B	C	B		A	A	B	B	C	C	B		A	A	A	B	B		B		A	A	A	B	C	B	
	DAYS	B	1	2	6	6	W	W		B	2	6	4	W	W	W		B	2	2	3	5		W		B	2	6	3	W	W	
NAME	OLD	%	1	6	2	0	4	6	(FILP) OTHERS	%		2	6	1	4	6	(KORE) OTHERS	%		3	8	1		4	(HISP) OTHERS	%		8	9	7	6	(HISP) OTHERS
MacCann,Eile	2	98	+	+	+	+		+		98	+		+	+		+		98	+	+	+	+		+		98	+28	+			+	
Mah,Helen	4	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+		+		98	+	+	+	+	+	3909
McAlack,Robe	2	98	+	+	+	+	+	+		97	+		+	+	+	+		97	+	+	+	+		+		98	+	+	+	+	+	B64
McAlack-Bala	2	95	+	+	+	+	+	+		99	+		+	+	+	+		99	+	+	+	+		+		99	+	+	+	+	+	
McCluskey,Ja	10	85	+	1	0	1	5	4	0	90	+	15		+		+	CW3	80	+	+	+	+		+		90	+28	+		+	+	
Murad,Shahna	11	99	+		+	+	+	+	A34	98	+		+	+		+		99	+	+	+	+		+		98	+		+	+	+	A33,B18
Noche,Olivia	3	99	+	+	+	+	+	+	CW6	99	+		+	+	+	+		99	+	+	+	+		+		99	+28	+		+	+	
Norin,Allen	2	99	+	+	+	+	+	+	6601	99	+		+	+		+	A28	99	+	+	+	+		+		99	+	+	+		+	
Paik,Young K	2	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+		+		95	+	+	+	+	+	
Pais,Maria L	10	97	+	+	+	+	+			97	+		+				A69	97	+	+		+				97	+	+	+	+		
Park,Myoung	7	93	+	+	+	+	+	+		91	+		+	+	+	+		95	+	+	+	+		+		93	+28	+		+	+	
Phelan,Donna	2	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+		+	CX16,CX12	98	+	+	+	+	+	
Pollack,Mari	2	99	+	+	+	+	+	+		99	+		+	+	+	+		99	+	+	+	+		+		99	+28	+		+	+	
Rajczy,Gyodi	3	95	+	+	+	+	+	+		95	+		+	+	+	+		95	+	+	+	+		+		95	+28	+		+	+	
Rosen-Bronso	2	90	+	+	+	+				90	+		+	+				90	+	+	+	+				90	+	+	+			
Rosenberg,J.	2	98	+	+	+	+	+	+		95	+		+		+	+		95	+	+	+	+		+	CX16	98	+28	+		+	+	
Rubocki,Rona	2	99	+	+	+	+	+	+		99	+		+	+	+	+		97	+	+	+	+		+		96	+28	+		+	+	
Satake,Masah	3	96	.	1	+	+	+	+	A26S	99	+		+	+	+	+		96	+	+	+	+		+		100	+28	+		+	+	
Sauer,Norber	3	100	+	+	+	+	+	+		95	+		+	+	+	+		100	+	+	+	+		+		100	+	+	+	+	+	
Semana MD,Gi	10	99	+	1	0	+	+			99	+		+	+				99	+	+	+	+		+		99	+28	+			+	
Smith/Baylor	7	99	+	1	0	+	+			99	+		+	+				99	+	+	+	+		+		99	+	+	+		+	
Stamm,Luz	3	98	+	+	+	+	+	+		98	+		+	+	+	+		99	+	+	+	+		+		99	+	+	+	+	+	
Steinberg,Ka	2	96	0	1	+	+	+	+		96	+		+	+	+	+	B62V	96	+	+	+	+		+		96	+	+	+	+	+	B39V,6801
Stewart,Dod	2	99	+	+	+	+	+	+		99	+		+	+	+	+	A2	99	+	+	+	+		+		99	+	+	+	+	+	
Tagliere,Jac	1	100	+	+	+	+	+	+		100	+		+	+	+	+		100	+	+	+	+		+		100	+	+	+	+	+	
Tbakhi,Abdel	12	85	+	+	+	+	+			95	+		+					98	+	+	+	+				97	+28	+		+		
Tiercy,Jean-	6	100	+	+	+	+				100	+		+					NT								NT						
Van Den Berg	7	90	+	+	+	+		+		90	+		+	+				90	+	+	+	+		+		90	+28	+			+	
Varnavidou-N	6	98	+	+	+	+		+		98	+		+	+				98	+	+	+	+		+		98	+	+	+		+	
Vidan-Jeras,	7	100	+	+	+	+	+	+		100	+		+	+	+	+		100	+	+	+	+		+		100	+28	+		+	+	
Walter Reed	2	97	+	+		+	+	+	B75	97	+	15		+		+	B15V,B70	97	+	+	+	+		+		97	+28	+		+	+	
Ward,William	3	98	+	+	+	+	+	+		98	+		+	+	+	+		98	+	+	+	+		+		98	+	+	+	+	+	
Watkins,Davi	9	80	+	+	+	+		+		75	+		+			+		80	+	+	+	+		+		70	+28	+		+	+	
Wernet,Peter	6	98	+	+	+	+		+		98	+		+	+		+		98	+	+	+	+		+		98	+	+	+		+	
Williams,Mar	8	96	+	+	+	4	0	+		99	+		+	+		+		95	+	+	+	+		+		98	+28	+		+	+	
Wisecarver,J	8	95	+	+	+	+		+		95	+		+	+		+		90	+	+	+	+		+		95	+28	+			+	

SUMMARY TABLE

(FILP)
**** CELL 1297 ****
(85 SAMPLES TYPED)
A11 92.9%
11.1 3.5%
1101 3.5%
(100.0%)

A26 90.6%
A10 5.9%
(96.5%)

B62 97.6%
B15 1.2%
(98.8%)

B60 96.5%
B40 2.4%
(98.8%)

CW4 64.7%

BW6 92.9%

(OTHERS FOUND)
6601 3.5%
CW7 3.5%
A34 3.5%
B75 2.4%
CW6 1.2%
A26S 1.2%
BW4 1.2%
B13 1.2%
A43 1.2%
CW8 1.2%
A10V 1.2%
CW3 1.2%

(KORE)
**** CELL 1298 ****
(85 SAMPLES TYPED)
A2 100.0%
(100.0%)

B62 96.5%
B15 3.5%
(100.0%)

B46 84.7%

CW1 61.2%

CW4 57.6%

BW6 92.9%

(OTHERS FOUND)
A28 2.4%
A69 1.2%
B62V 1.2%
CW6 1.2%
A2 1.2%
CW3 1.2%
B70 1.2%
B15V 1.2%
B15 1.2%

(HISP)
**** CELL 1299 ****
(84 SAMPLES TYPED)
A2 100.0%
(100.0%)

A23 95.2%
(95.2%)

B38 98.8%
(98.8%)

B51 98.8%
(98.8%)

BW4 92.9%

(OTHERS FOUND)
CX16 3.6%
CX12 2.4%
A33 2.4%
A24 1.2%
BW6 1.2%
B51S 1.2%

(HISP)
**** CELL 1300 ****
(84 SAMPLES TYPED)
A2 100.0%
(100.0%)

A68 54.8%
A28 41.7%
(96.4%)

B39 100.0%
(100.0%)

CW7 72.6%

BW6 92.9%

(OTHERS FOUND)
B14 6.0%
B64 2.4%
6801 1.2%
B39V 1.2%
B18 1.2%
A33 1.2%
CW6 1.2%
3909 1.2%

*** 86 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: 06/06/2007 **********