REPORT OF THE 328th CELL EXCHANGE

OCTOBER 3, 2007

B-Cell Line	**397-398**
Serum	**937-940**
DNA Extract	**397-400**
Cells	**1309-1312**

B-cell line Exchange

We thank **Helen Bass and Christopher Darke, Welsh Blood Service, Pontyclun,** for offering challenging cells to study in our exchanges.

This month's study was a repeat of a 2005 study (cells TER-361 and TER-362) featuring rare DQB1*06 alleles, DQB1*0616 and a new DQB1*06.

We acknowledge the following labs for identifying the cells as previously typed in the Cell Exchange: Ball, Lefor, Mah, McIntyre, and Stamm.

TER-397. This cell was previously typed as TER-361 in 2005. In this present retyping, DQB1*0616 was reported by 73% of the labs. The following table shows the improved detection of the rare DQB1*06 allele since its initial typing:

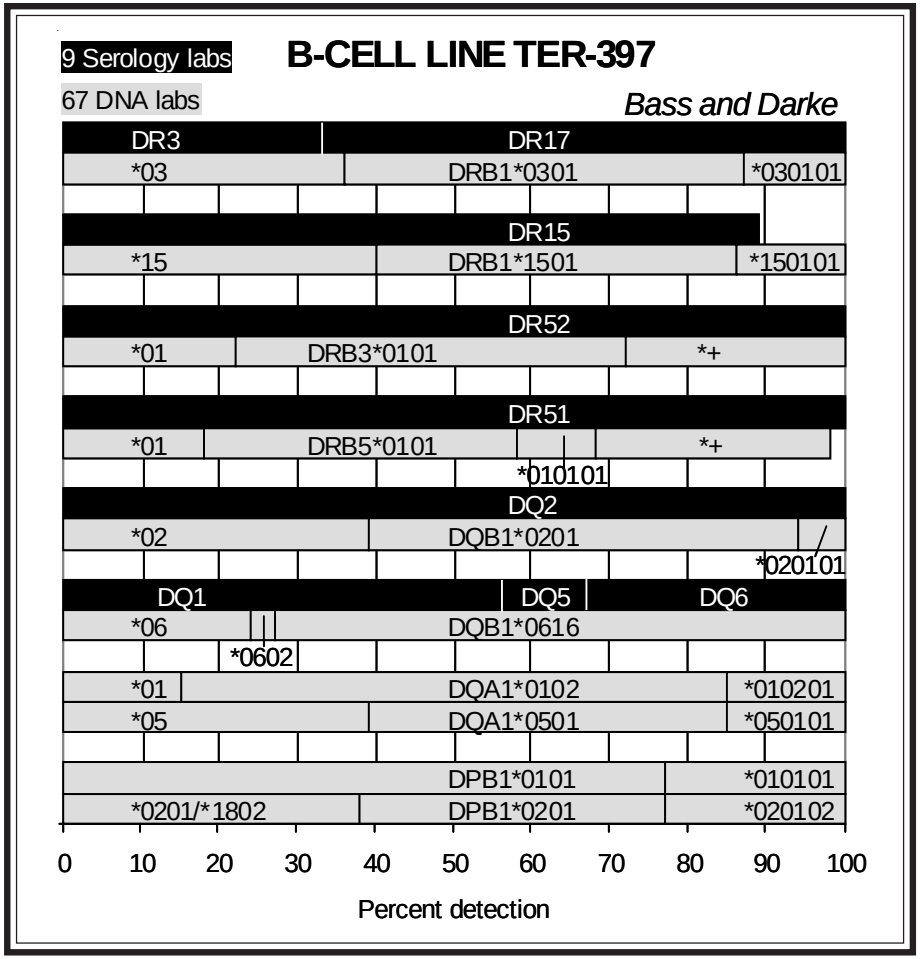
	TER-361 (2005) 79 labs	TER-397 (2007) 62 labs	
DQB1*06	34%	24%	
*DQB1*0602*	*14%*	*3%*	
DQB1*0616	**52%**	**73%**	
	100%	100%	total

The present retyping results also indicate the increased standardization for DQB1*0616, since the misassignment of DQB1*0602 (italicized) decreased from 14% to 3%. There is only a single nucleotide difference between DQB1*0602 and DQB1*0616 (TAC->AAC) at codon 60, and this difference causes one amino acid change (Y->N) (Tyr to Asn) (1).

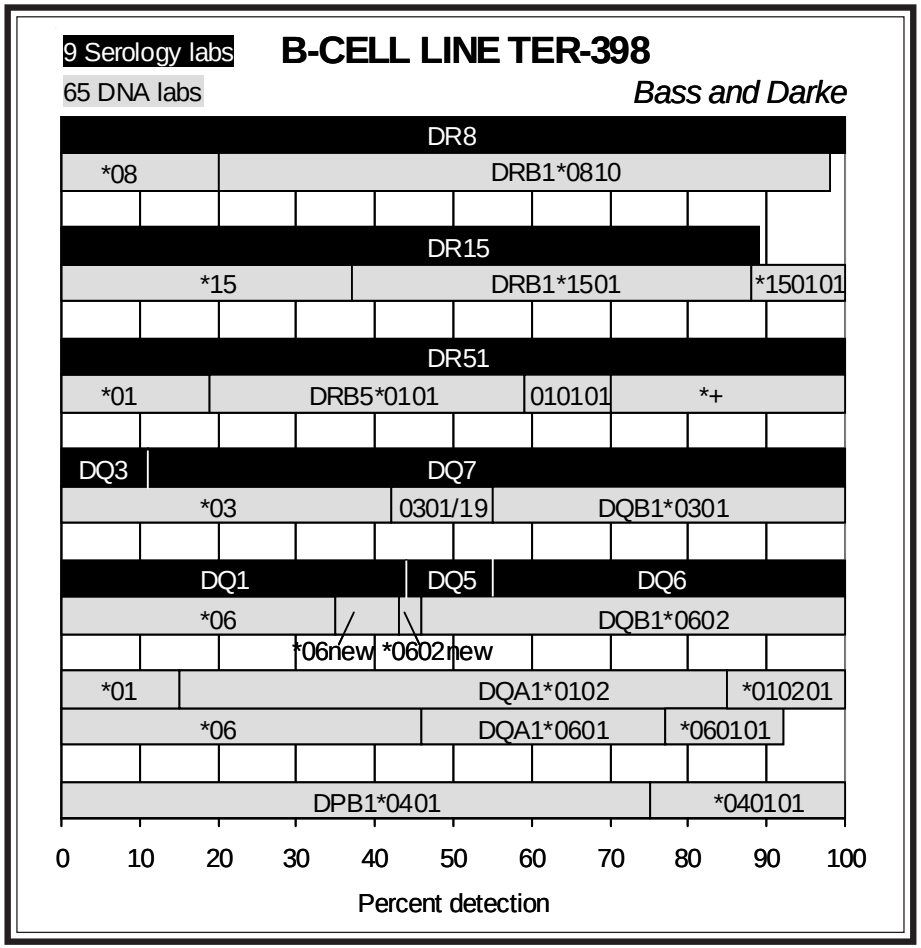
The probable haplotypes in this cell were DRB1*0301 (*030101)-DRB3*0101-DQB1*0201-DQA1*0501 and DRB1*1501 (*150101)-DRB5*0101-DQB1*0616-DQA1*0102.

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

DPB1*0101 (*010101) was assigned in consensus. DPB1*0201 (*020102) was the second DPB1 type; however, 38% did not resolve between DPB1*0201 and DPB1*1802.



TER-398. This cell was previously typed as TER-362 in the same 2005 study with TER-397. In the initial typing, 11 labs (Albert, Darke, Ellis, Fischer, Hartzman and Hurley, Kamoun, KWLee, McIntyre, Turner, van den Berg-Loonen, Wernet) reported a novel DQB1 variant. In this present retyping, 10 labs (Adams, Ball, Fischer, Hartzman and Hurley, KW Lee, McIntyre, Reed, van den Berg-Loonen, Wernet, Yu) detected a new DQB1 variant, most similar to DQB1*0602, with a single nucleotide substitution (G->A) at position 210. Ball, Hartzman and Hurley, KW Lee, van den Berg-Loonen, Wernet, and Yu noted the silent mutation at codon 38. Coles and Ball further commented, "This same substitution distinguishes DQB1*060302 from DQB1*060301."



We appreciate the sequence printout (Figure 1) from Fischer on the following page.

The following table compares the DQB1*06 assignments between the two typings of this cell:

	TER-362 (2005) 78 labs	TER-398 (2007) 60 labs
DQB1*06	42%	35%
DQB1*06new	**7%**	**6%**
DQB1*new	**-**	**2%**
DQB1*0602new	**-**	**3%**
DQB1*0602	51%	54%
	100%	100% total

DRB1*0810 (78%) was assigned by the majority. DRB1*0810 differs from DRB1*0803 at codon 86 (GGT->GTG) (Glycine->Valine). This cell is the sole DRB1*0810 cell typed in the Exchange.

We appreciate the family data provided by Darke, showing that the haplotypes in this cell were A*11-B*35-Cw*0401-DRB1*0810-DQB1*0301-DQA1*0601 and A*32-B*07-Cw*0702-DRB1*1501-DRB5*0101-DQB1*0602new-DQA1*0102. As mentioned in the previous report for this cell, it was somewhat unusual to find DRB1*08 associated with DQB1*0301-DQA*0601. Previous DR8 cells with DQB1*0301-DQA1*0601 included TER-176 (DRB1*0801-DQB1*0301-DQA1*0601), and TER-133 and TER-173 (Cauc) with DRB1*0803-DQB1*0301-DQA1*0601.

DPA1*0103/07/09, - , was reported by Darke.

DPB1*0401 (*040101) was assigned in complete consensus by 12 labs.

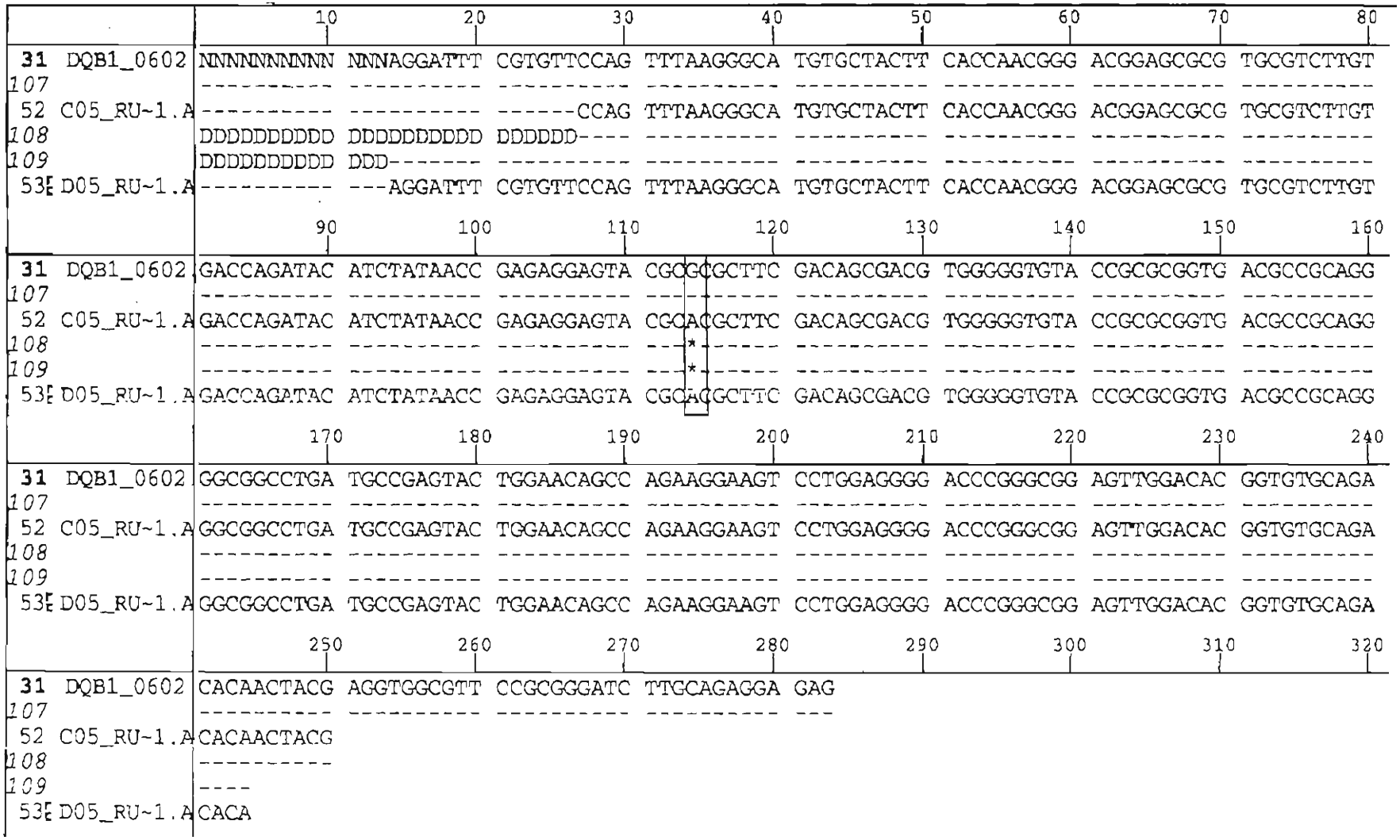
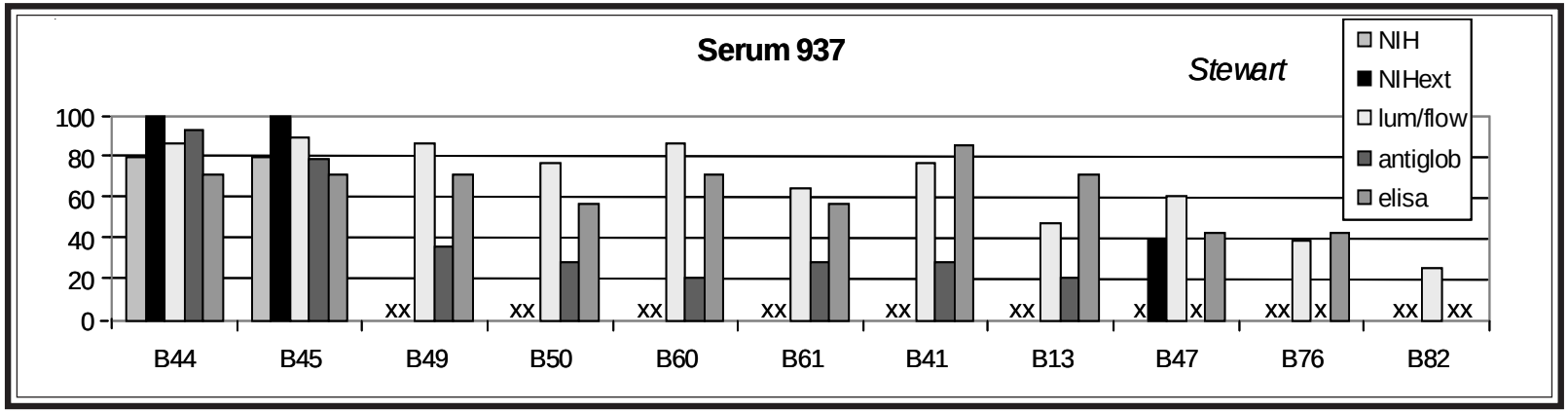


Figure 1. from Fischer, Klin. Abteilung F.Blutgruppenserologie, Vienna, 9/10/07.

Serum Exchange

We appreciate the generous collaboration of **Dod Stewart, Ochsner Clinic Foundation, New Orleans**, and **Pauline Lai-Kwan and Kathie Nelson, BloodSource, Sacramento**, for providing antibodies for our exchange studies.

This month's study featured 4 allosera (**sera 937-940**) reactive to 12CREG specificities, including B12 (B44, B45), B21 (B49, B50), and B40 (B60, B61).

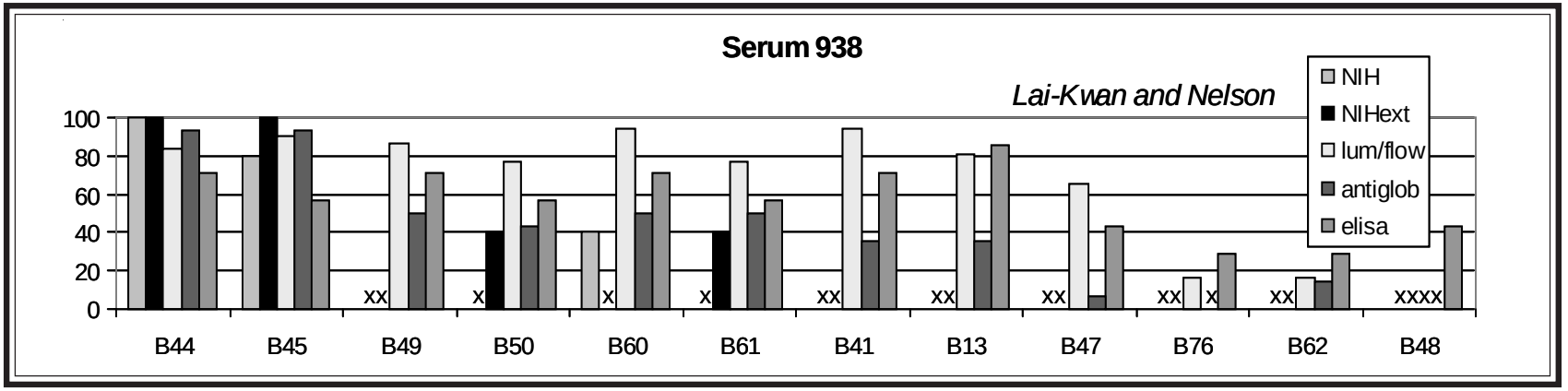


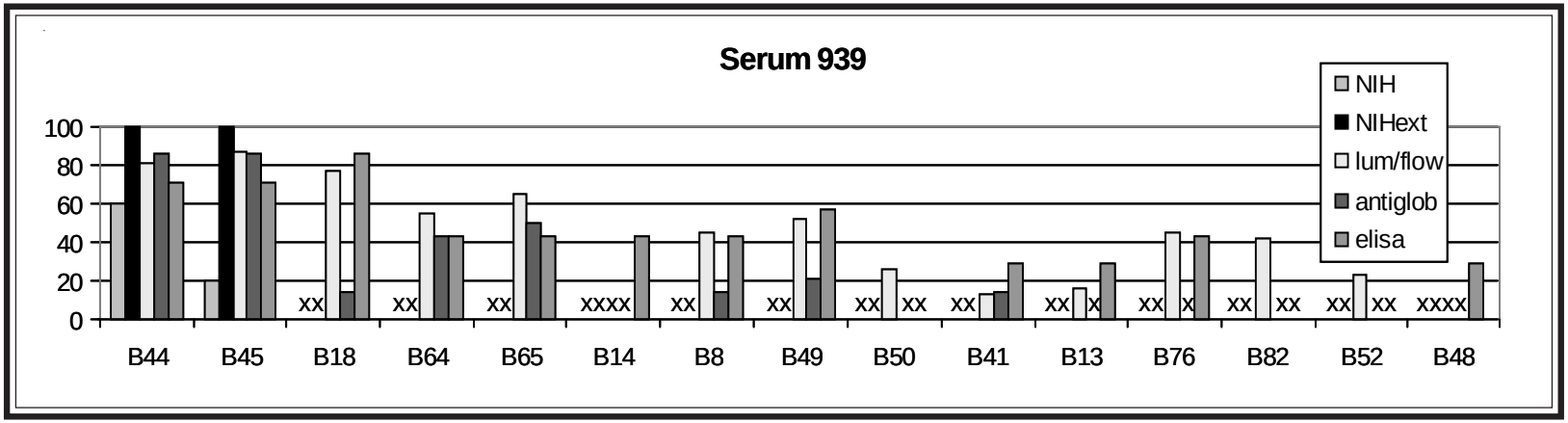
All 4 sera were operatively monospecific anti-B12 (B44, B45) sera by NIH. Labs using Luminex, flow, antiglobulin, and ELISA reported additional reactivity to other 12CREG specificities, that is, B49, B50, B60, B61, B41, and B13. Luminex, flow, and ELISA also detected anti-B47 and -B76 reactivity

Serum 938 had the same reactivity pattern as previously tested sera 786, 787, and 788 in a 2003 study.

Serum 939 had a somewhat different reactivity pattern from the other 3 sera in this study. That is, in addition to being strongly positive to B44 and B45, this serum was reactive to B18, B14 (B64, B65), B8 and more weakly positive to B21, B40, and B76 specificities.

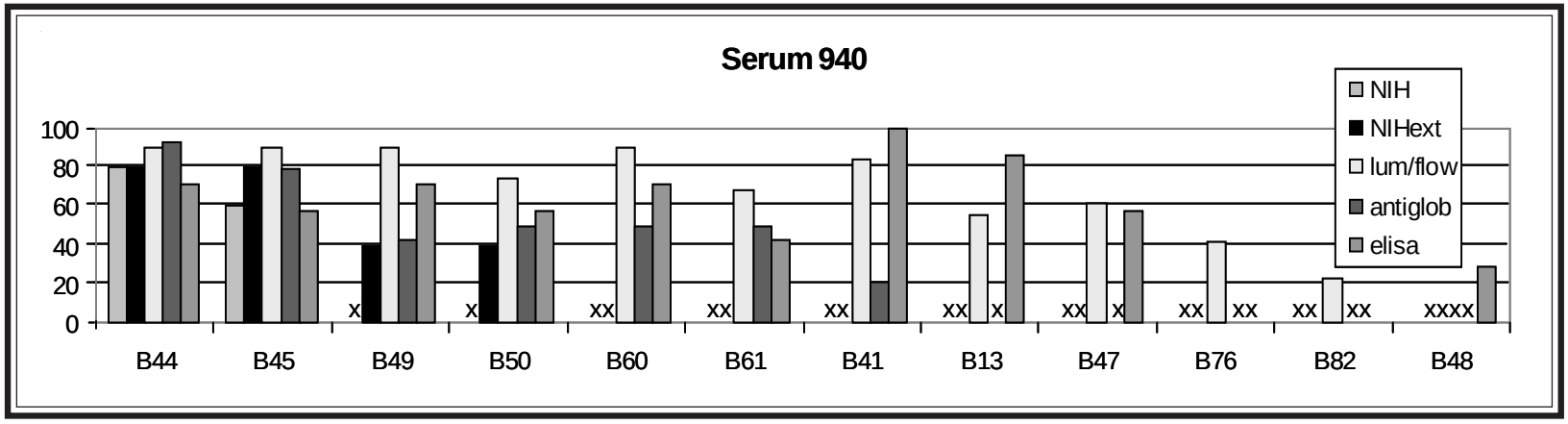
The167S site, located in the alpha two domain, is shared exclusively by the B12 specificities whereas the amino acid K at codon 45, located on the





loop of the alpha one domain, is shared by the B12, B21, B40, and B41 specificities. These observations indicate that the sensitive assays are influenced by codon 45 as well as by 167S.

Serum 938 was previously tested as sera 785 (2003) and 853 (2004).
Serum 939 was previously studied as serum 913 (2006).
Serum 940 was previously screened as sera 881 (2005) and 914 (2006).



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

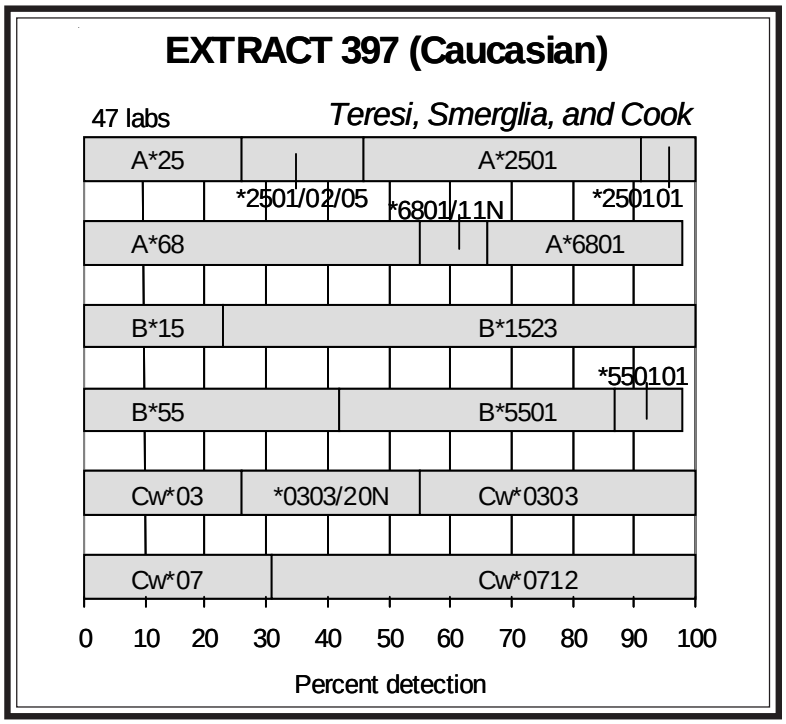
Sample ID	Suspected sensitizing antigens/alleles
Ter 937	A*0301 group, A*74 group with extra weak reactions to 'A*10' group that cannot be discriminated. B*07 group, B*57 group, Cw*0701 group, Cw*0702 group.
Ter 938	failed to produce analyzable products.
Ter 939	A*-Exon 3 product that cannot be discriminated. B*-Exon 3 product that cannot be discriminated. Cw*0302, Cw*0304 group.
Ter 940	A*0301 group, A*1101 group including one extra probe hit to the A*01/*36 group. B*-Exon 3 product that cannot be discriminated. Cw*0401 group, Cw*0602 group plus 2 additional reactions.

Extract Exchange

We are grateful for the generous contributions of rare cells from the following labs: **Gary Teresi, Al Smerglia, and Dan Cook, Cleveland Clinic**; **Ivan Colon, Eduardo Santiago-Delpin, and Angel Rodriguez-Trinidad, Hospital Auxilio Mutuo, San Juan, Puerto Rico;** and **F.H.J. Claas, Leiden University Medical Center, The Netherlands**.

The month's study offered the labs the opportunity to type a number of alleles of interest, including A*0211, B*1523, B*3504, B*3905, B*4802, B*8201, Cw*0210, and Cw*0712. Three of the 4 cells were previously typed in the Exchange, as correctly identified by Ball, Barnardo, Cook, Moses and Dunckley, McIntyre, and Stamm.

Extract 397. This cell was TK765, the reference cell for B*1523 (2) and Cw*0712, as correctly identified by Ball and McIntyre. This same donor was typed multiple times in the Cell Exchange as cells 618 (1989), 765 (1993), 878 (1996), and as extract 109 (1999). In 1984, a sibling was originally submitted for study as cell 413 in the Cell Exchange because of an unusual B-locus variant, NM5, which was Bw4 positive, but had odd reactivity to anti-B5, -B53, and -B15 sera. This same donor was subsequently retyped as cells 620 (1989) and 877 (1996). The family study established the haplotypes in this cell as A*2501-B*5501-Cw*0303 and A*6801-B*1523-Cw*0712.

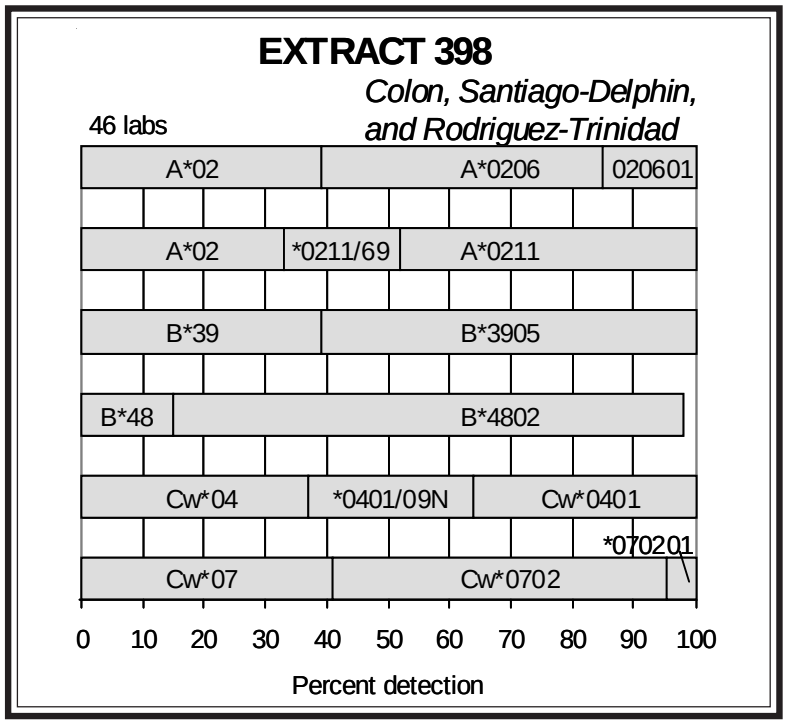


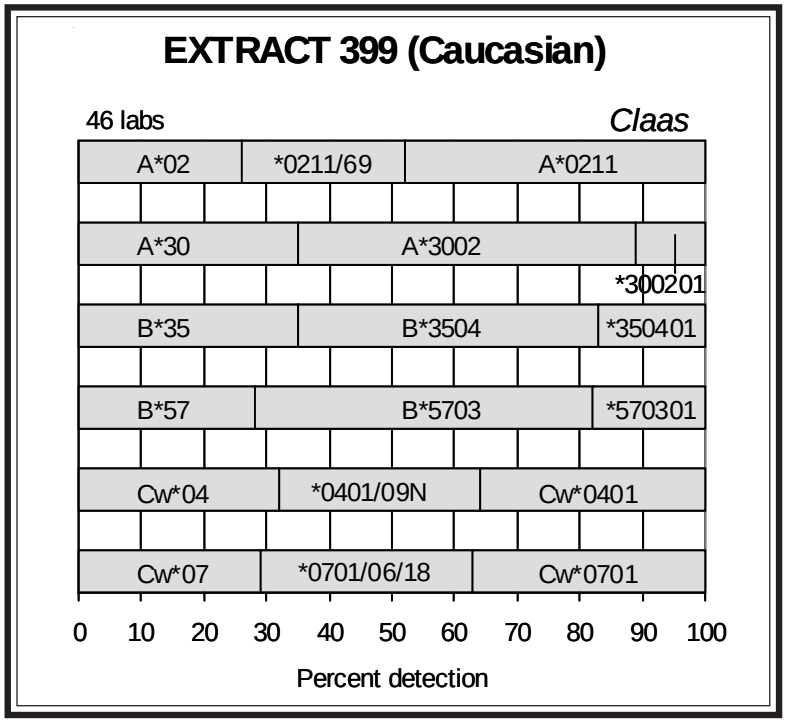
In this present retyping, B*1523 (77%) was assigned by the majority of labs.

In the 1999 typing, Cw*0704/11/12 was assigned by 47%, Cw*0704 by 11%, and a new Cw*07, identical to Cw*0704 except at position 512 (T->G) was noted by 3 labs (Albert, Blasczyk, van den Berg-Loonen). Cw*0712 was assigned by Bunce. In this present retyping, Cw*0712 was identified by 70%. The following table indicates the increased detection for Cw*0712 (in bold) and a decrease in misassignment of Cw*0704 (italicized):

	extract 109 1999 45 labs	extract 397 2007 43 labs	
Cw*07	33%	19%	
Cw*07new	7%	-	
Cw*0704/11/12	40%	5%	
Cw*0704/11	7%	2%	
Cw*0704/12	-	2%	
*Cw*0704*	*11%*	*2%*	
Cw*0712	**2%**	**70%**	
Cw*07	100%	100%	total

The cell was typed for class II as TER-250 (1999): DRB1*0401, DRB1*0408, DRB4*0103, DQB1*0301, DQB1*0302, DQA1*0301, DQA1*0303, DPB1*0301, DPB1*0401.





Extract 398. This cell was previously typed as extract 138 (2000).

In this present retyping, B*4802 was well detected, by 83%. B*4802 was also found in extracts 366 (also typed as extracts 133, 206 and 284) and 369 (also typed as extracts 151 and 227).

B*3905 (62%) was the second B-locus allele. The present detection level of 62% showed marked improvement over the 25% percent detection in 2000.

The A*02 subtypes were A*0206 (62%) and A*0211 (49%).

Cw*0401 and Cw*0702 also showed improvement in detection. For Cw*0401, the percent detection rose from 19% to 38%, and for Cw*0702, from 23% to 60%.

B*3905-Cw*0702 and B*4802-Cw*0401 were the probable associations.

Extract 399. This Caucasian cell was typed multiple times in the Cell Exchange, for class I, as extracts 107 (1999) and 187 (2001), and for class II, as TER-215 (1998) and TER-340 (2004).

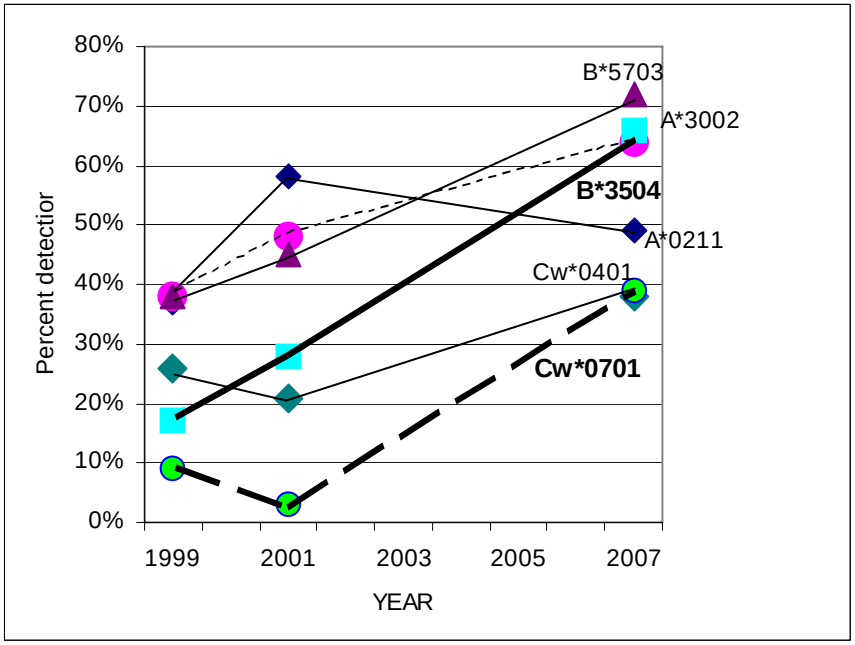


Figure 2.

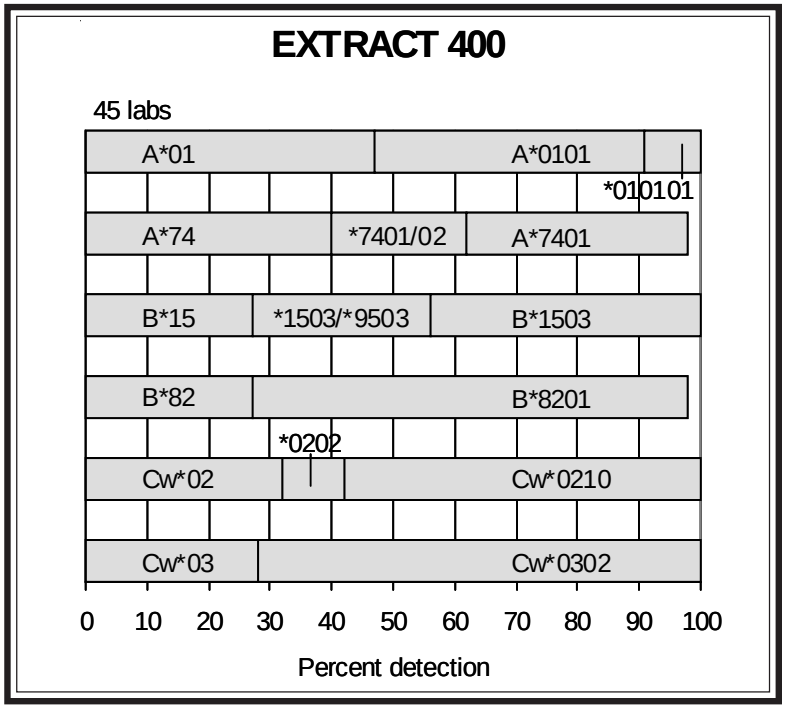


Figure 2 shows the overall increase in the high-resolution typing of extract 399, noting the marked improvement in detection levels for the rare B*3504, from 17% to 66%, and for Cw*0701, from 9% to 39%.

The class II type of this cell was: DRB1*0411, DRB1*1503, DRB4*0103, DRB5*0101, DQB1*0302, DQB1*0602, DQA1*0102, DQA1*0301, DPB1*0101, DPB1*0402.

Extract 400. Although no ethnic information was provided for this cell, one may suspect that this cell was from a Black individual. A number of alleles, including A*7401, B*1503, B*8201, and Cw*0210, are commonly found in Black populations.

B*8201 was assigned by 68%.

B*1503 was reported by 44%, with another 28% assigning B*1503/*9503.

Cw*0210 (58%) was detected by over half of the labs. The name of this allele was officially changed from Cw*020204 in 2005. Those labs assigning Cw*0202 (10%) should update their databases.

Cell Exchange

Cell 1309. This cell from a Korean individual was previously typed as 1259 in 2006, as correctly identified by Cook, Dormoy, Moses and Dunckley, Harville, Israel, Lefor, MacCann, and Stamm.

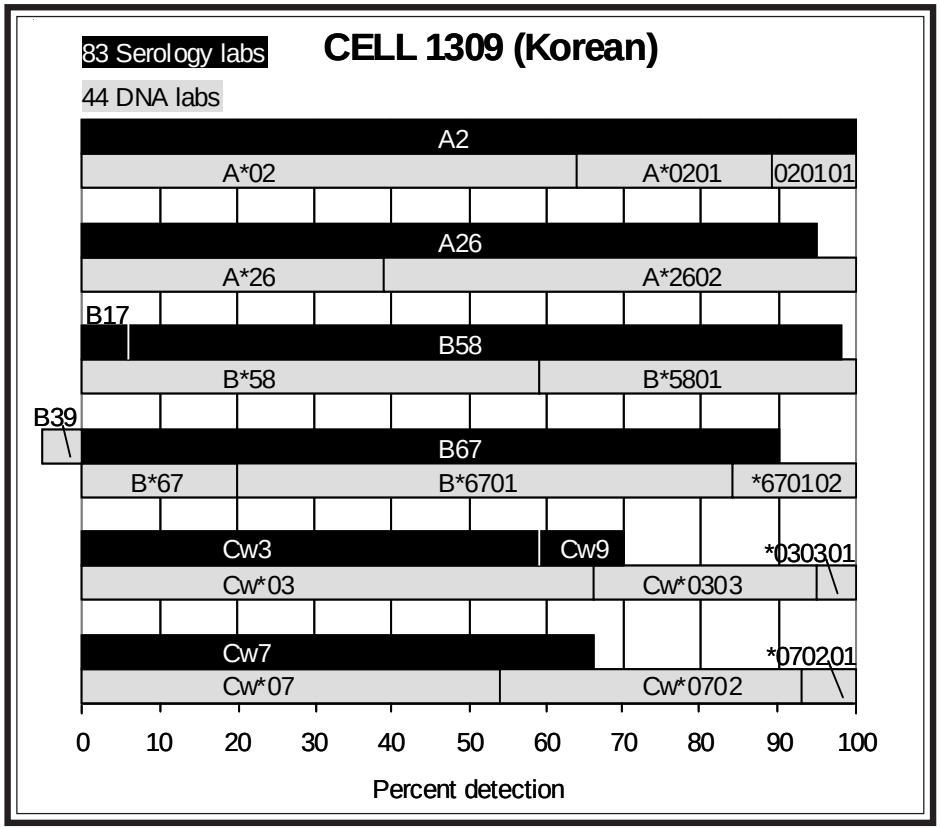
In this retyping, A26 was assigned by 95%, verified as the rare A*2602 by 61%.

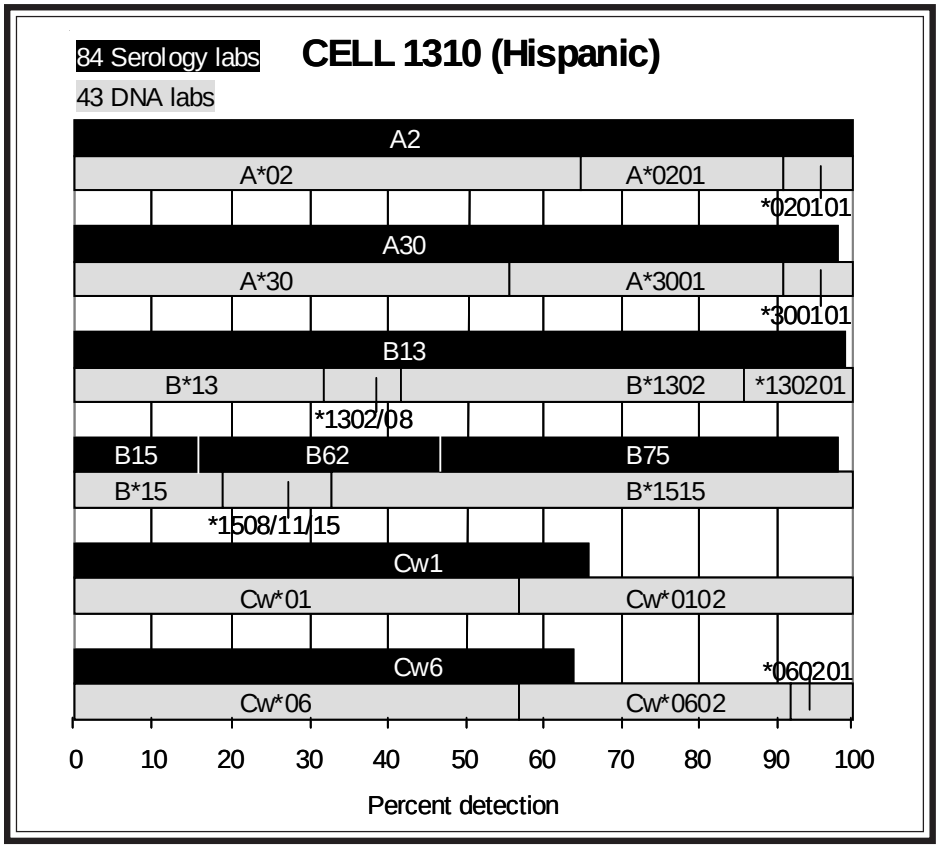
B67 was well detected, by 90%, confirmed as B*6701 (80%) and 16% assigned B*670102. For reference, B*670102 was also found in another exchange cell, cell 1003 (Cauc/Native American), whereas B*670101 was typed in Japanese cells 921 and 1194, as well as in extract 195 (Japn). Cell 921 was 591, a reference cell for B*390103 and B*670101.

B58 (93%) was the other B-locus antigen, validated as B*5801 (41%.) In the previous 2006 typing, van den Berg-Loonen discriminated B*5801 from B*5811, based upon SBT results of exon 4,

Cw3 (70%) and Cw7 (66%) were established as Cw*0303 and Cw*0702, respectively.

The probable associations were B67-Cw7/B*6701-Cw*0702 and B58-Cw9/B*5801-Cw*0303. The B*5801-Cw*0303 was somewhat unexpected since B*5801-Cw*0302 is a commonly found association and B*5801-Cw*0701 is found in Blacks and Caucasians.





Cell 1310. This Hispanic donor was previously typed as cell 1274 (2006), as noted by Cook, Moses and Dunckley, Goggins, Harville, Israel, Lefor, and Stamm.

The B15 variant encoded by B*1515 (67%) was typed as B75 (51%) and B62 (31%), with comments of varied anti-B15 reactivity from a number of labs.

B13 (99%) was well typed, confirmed as B*1302 (*130201) by 58%.

A2 (100%) and A30 (98%) were detected in nearly complete consensus, corroborated as A*0201 (35%) and A*3001 (44%), respectively.

Cw1 (66%) and Cw6 (64%), confirmed as Cw*0102 (43%) and Cw*0602 (43%), respectively, were the C-locus types. B*1515 has been found in association with Cw*0102 in all previous B*1515 exchange cells (965, 967, 1057, 1119, 1127, 1277) and extracts (39, 57), all from Hispanic donors.

Cell 1311. This Chinese donor with the low-expressing A24, A*24020102L, was the sibling of cell 1303 typed earlier this year. Cell 1303 was also typed as cell 1284 in 2006.

Nearly all the labs reported no reactivity for A24 (5%). As one of the few labs reporting A24 using serologic methods, Israel commented that the anti-A24 reactivity was very short.

A*24 was assigned in complete consensus at low-resolution; A*24020102L was reported by 42% and A*2402 by 21%. The detection level for the same allele in the sibling (cell 1303) was 46%, which showed improved detection over the initial 31% level in 2006.

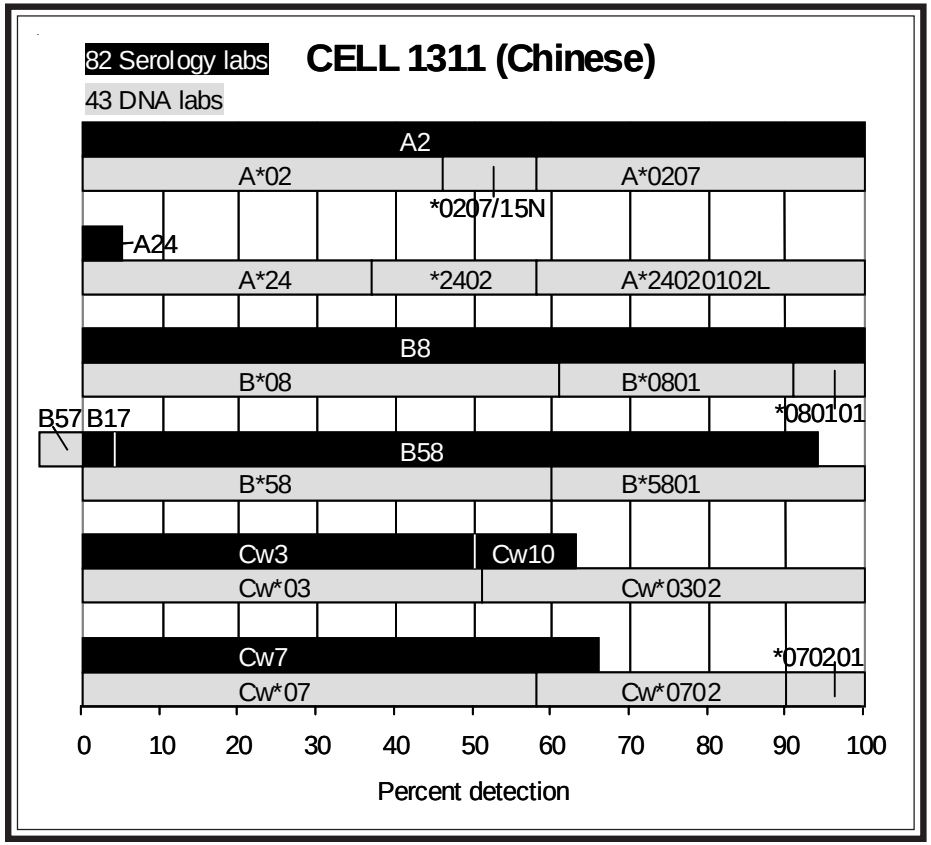
A*24020102L has a point mutation in the acceptor site in intron 2 leading to impairment of splicing of mRNA, mainly in exon 3 (3,4,5). Studies have shown that low-expressing alleles can stimulate an alloreactive CTL response in vitro (3) and that a mismatch involving an A*24 blank antigen can cause GVH grade IV, resulting in death (4), thus demonstrating important implications in clinical transplantation.

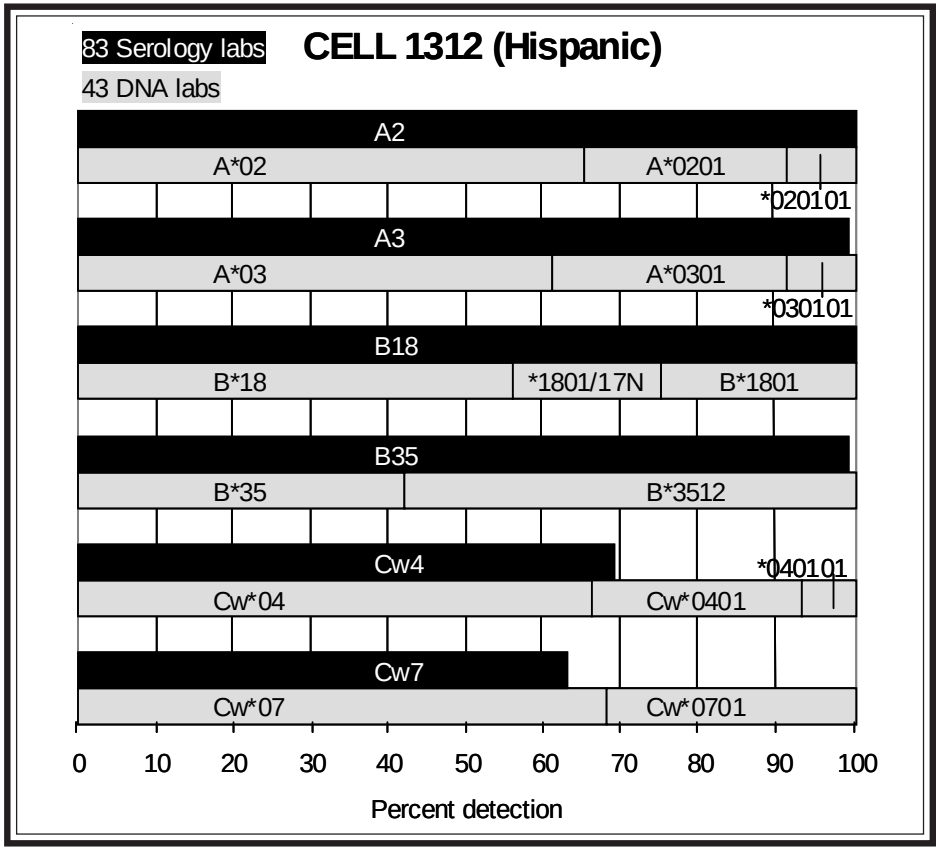
B8 was assigned in complete consensus, confirmed as B*0801 (39%).

B58 was assigned by 90% and B*5801 was reported by 40%.

Cw3 (63%) and Cw7 (66%) were validated as Cw*0302 (49%) and Cw*0702 (42%), respectively.

Typing the siblings confirmed that A*24020102L was on the same haplotype with B*0801 and Cw*0702. The other haplotype in this donor was A*0207-B*5801-Cw*0302.





Cell 1312. This Hispanic cell was well typed as A2, A3, B18, B35, Cw4, Cw7 and A*0201, A*0301, B*1801, B*3512, Cw*0401, Cw*0701.

For B35 (99%), short reactivity was noted by Holdsworth and Israel. B*3512 (58%) was defined by over half of the labs.

A*0201-B*3512-Cw*0401 and A*0301-B*1801-Cw*0701 were the probable haplotypes. Cao et. al (6), listed A*0201-B*3512-Cw*0401 as the fourth most frequent A-B-C haplotype in U.S. Hispanics, with HF=0.0107.

References

1. Luo M, Blanchard J, Maclean I, and Brunham R. Identification of a novel DQB1 allele DQB1*0616. Tissue Antigens 1999;53:381.

2. Ellexson ME, Zhang G, Stewart D, et al. Nucleotide sequence analysis of HLA-B*1523 and B*8101. Dominant alpha-helical motifs produce complex serologic recognition patterns for the HLA-B"DT" and HLA-B"NM5" antigens. Human Immunology 1995;44:103.

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. Laforet M, Froelich N, Parissiadis A, et al. An intronic mutation responsible for a low level of expression of an HLA-A*24 allele. Tissue Antigens 1997;50:340.

5. Zanone-Ramseier R, Gratwohl A, Gmur J, et al. Sequencing of two HLA-A blank alleles: implications in unrelated bone marrow donor matching. Transplantation 1999;67:1336.

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: November 14, 2007

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Lo MD,Raymundo W.	Quezon City	
Loewenthal MD PhD,Ro	Tel-Hashomer	
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
McCluskey,Prof James	Adelaide	
McIntyre PhD,John A.	Beech Grove	IN
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	
Partanen PhD,Jukka	Helsinki	
Pereira,Noemi F.	Curitiba Paran	
Phelan,Donna	St Louis	MO
Pidwell PhD,Diane J.	Cleveland	OH
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
Seoul Red Cross Hosp	Seoul	
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	
Walter Reed Army Med	Washington	DC

Eckels/Utah,	Salt Lake City	UT	Middleton,Prof Derek	Belfast		Ward,Dr William	Hyattsville	MD
Ellis PhD,Thomas	Milwaukee	WI	Miller,Dr Joshua	Miami	FL	Wassmuth,Prof Ralf	Dresden	
Esquenazi PhD,Violet	Miami	FL	Montague,Bridget	Leeds England		Watkins PhD,David I.	Madison	WI
Esteves-Kondo,Debra	Canoga Park	CA	Moore MD,S.Breanndan	Rochester	MN	Wernet,Prof Peter	Dusseldorf	
Fernandez-Vina PhD,M	Houston	TX	Murad,Dr Shahnaz	Kuala Lumpur		Williams,Marj	Allentown	PA
Fotino MD,Marilena	New York	NY	Mytilineos MD,Joanni	Ulm		Wiltbank,Drs Endres	Tempe	AZ
Foxcroft,Z.K.	Johannesburg		Nehlsen-Cannare,Dr S	Detroit	MI	Wisecarver PhD,James	Omaha	NE
Furukawa,Yoko	Yokohama,Kanag		Noche,Olivia	Brown Deer	WI	Yamamori PhD,Shunji	Tokyo	
Gardiner PhD,Clair M	Dublin		Noreen,Harriet	Minneapolis	MN	Yu_Neng/ARC,	Dedham	MA
Gautreaux,Dr Michael	Winston-Salem	NC	Norin,Dr Allen	Brooklyn	NY	Yu_Neng/UMMMC,	Worcester	MA
Gideoni,Osnat	Haifa		Olerup,Olle	Saltsjobaden		Zachary PhD,Andrea	Baltimore	MD
Gillespie,Dr Kathlee	Bristol		Ozawa,Mikki	Los Angeles	CA			

B-CELL LINE TER-397

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0301	*1501	*0101	*0101	*0201	*0616					P-SSO,SSP
5488	Adams,Sharon	*030101	*150101	*0101	*0101	*020101	*0616	*0102	*0501	*0101	*0201/*1802	SSP,SSO,SBT
2300	Allegheny Ge	*03	*15	*+	*+	*02	*06					SSP
105	Ball,Edward	*0301	*1501	*0101	*010101	*0201/05	*0616	*0102	*0501	*0101	*0201/*1802	P-SSP
785	Chan,So Ha	*0301/19	*1501/05/13	*+		*0201	*0616	*0102	*0501+			SBT
5232	Charlton,Ron	*0301	*1501	*01-*03	*01/*02	*0201	*0616					SSP
3224	Chen,Dongfen	*0301	*1501	*0101	*0101	*0201	*0616					SBT,SSP,SSO
3966	Chongolwatan	*0301	*1501	*0101	*0101	*0201	*0616					P-SSP
3632	Colombe,Beth	*0301	*1501	*0101	*0101	*0201	*0616					SSP
16	Cook,Daniel	*030101	*150101	*0101	*0101	*0201	*0616	*01	*05	*010101	*020102	RSSO,SSP,SBT
5130	Costeas,Paul	*0301	*1501	*0101	*0101	*0201	*0602/16	*0102	*0501			SSP
5219	Daniel,Dolly	*03	*15	*+	*+	*02	*06					P-SSP
3625	Darke,Chris	*0301	*1501	*01	*01	*0201	*0616	*0102	*05	*0101	*0201	P-SSP
4269	Dormoy,Anne	*030101	*150101	*010102	*0101	*0201	*0602			*0101	*0201/*1802	P-SSP,SBT
5891	Du,Keming	*030101/19	*150101/05									P-SBT
3766	Dunn,Paul	*03	*15	*01	*01	*0201/02/04	*0616					
856	Dupont,Bo	*0301	*1501	*01	*01	*0201-04	*0602/11+					RVSSO
3511	Duquesnoy,Re	*0301	*1501	*0101	*0101	*0201	*0602					RVSSOP,SSP
5214	Eckels/CPMC	*03(DR17)	*15	*01	*01	*02	*0616					SSO
3428	Eckels/Utah	*0301/16/18+	*1501/06/09+									SSOP
762	Fischer/Mayr	*0301	*1501	*0101	*0101	*0201/04	*0616					SSO,LBT,SBT
8043	Gideoni,Osna	*0301	*1501			*0201	*0616					SSP
910	Hahn,Amy	*0301/28	*1501/16/20+	*0101	*0101	*0201/04	*0616					SSP
4691	Hajeer,Ali	*03	*15	*+	*+	*02	*06					ELISA
2344	Hurley/Hartz	*030101	*150101			*020101	*0616					SBT,SSOP
771	Israel,Shosh	*0301	*1501			*0201	*0616					RVSSO,SSP
3261	Iwaki,Yui	*0301	*1501	*01	*+	*0201	*0616					SSP
859	Kamoun,Malek	*0301	*1501	*0101	*0101	*0201	*0616					P-SSO,SSP
797	Kato,Shunich	*0301	*1501			*0201/04	*0616					SSO,+SBT-DR,
4864	Kim,Kyeong-H	*03	*15									P-SSOP
4337	Kim,Tai-Gyu	*0301	*1501			*0201	*0616			*0101	*0201	SBT
168	Klein,Tirza	*0301	*1501			*0201	*0616					P-SSP,SSO
87	Land,Geoffre	*0301	*1501	*0101	*0101	*0201	*0616	*0102	*0501	*0101	*0201	SBT,SSP
748	Lazda,Velta	*03(DR17)	*15	*+	*+	*02	*06					P-SSP
278	Lee,Jar-How	*0301	*1501	*0101	*0101	*0201	*0616	*0102	*0501	*0101	*0201	SSP,RVSSOP
640	Lee,Kyung Wh	*0301	*1501			*0201	*0616	*010201	*050101			P-SBT
759	Lefor,W.M.	*0301/16/18+	*1501/06/09+			*0201/02/04+	*0616					RVSSO
274	Lo,Raymundo	*0301	*15	*+	*+	*02	*06					SSP
731	Loewenthal,R	*030101	*150101			*0201/02/04	*0616					SSO,SBT
23	Mah,Helen	*0301	*1501	*0101	*01	*0201	*0616					P-RFLP,SSP
8029	Mani,Rama	*03	*15	*+	*+	*02	*06					
9916	McIntyre,Joh	*030101	*150101	*0101	*010101	*0201	*0616					SBT,SSP
8021	Montague,Bri	*0301	*150101	*01	*01/*02	*0201	*0616			*0101	*0201/*1802	P-SSP,SBT
792	Moore,S.Brea	*03(DR17)	*15	*+	*+	*02	*06					P-SSP
5323	Murad,Shahna	*0301/28	*1501/16-18+	*0101+	*0101	*02	*06					P-SSP
8001	Pancoska,Car	*0301	*1501/16/20+	*0101	*0101	*0201	*0616					RVSSOP,SSP
5096	Park,Jong-Su	*03	*15									RVSSOP
3648	Pereira,Noem	*03	*1501/20/22									P-SSP
2400	Phelan,Donna	*0301	*1501	*01	*01	*0201	*0616					RVSSO,SSP
4689	Rajczy&Gyodi	*0301/32	*1501	*0101	*0101	*0201/05	*0616					P-SSP
3753	Reed,Elaine	*0301/19	*1501/05	*0101	*0101	*0201	*0616	*0102	*0501			SBT,SSP,SSO
782	Richard,Luci	*0301	*1501			*0201	*0616					SSO,SSP
1160	Rosen-Bronso	*03	*15	*01	*01	*02	*06					RVSSO
793	Rubocki,Rona	*03(DR17)	*15	*+	*+	*02	*06					SSP
8042	Shainberg,Br	*0301	*1501			*0201	*0616					SSOP,SSP
735	Smith/MI	*0301	*1501/20/22	*+	*+	*0201	*0616	*01	*05	*0101	*0201/*1802	SSP,RVSSOP
746	Stamm,Luz	*0301	*1501	*01	*01	*0201	*0616					RVSSOP,SSP

B-CELL LINE TER-397

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3904	Stewart,Dod	*030101	*1501/16/20+	*0101	*010101	*0201	*0616					P-SSP
13	Tagliere,Jac	*0301	*1501	*0101	*010101	*0201	*0616					SSP
2332	Tbakhi,Abdel	*0301	*1501	*01-*03	*01/*02	*0201	*06					SSP
5462	Turner,E.V.	*0301	*1501	*0101	*0101	*0201	*0616					SSP,SSO
5451	Van den Berg	*030101	*150101	*010102	*010101	*020101	*0616	*010201	*050101	*010101	*020102	SBT
705	Watkins,Dav	*0301/19	*1501/05	*+	*+	*02	*06					SSP,SEQ
3135	Wernet,Peter	*0301	*1501	*0101	*0101	*0201/02/04	*0616			*0101	*0201	P-SSP,SBT
5670	Williams,Mar	*03	*15	*+	*+	*02	*0616					
2847	Yamamori,Shun	*03	*15			*02	*06					SSO,SSP
1466	Yu_Neng/ARC	*030101	*150101	*0101/03-05	*0101/04+	*020101	*0616	*0102	*05	*010101	*020102	SSOP,SSP,SBT

CTR	DIRNAME	DR17	DR15	DR52	DR51	DQ2	DQ1	OTH1	OTH2
16	Cook,Daniel	DR3	+	+	+	+	+		
3766	Dunn,Paul	+	+	+	+	+	+		
2200	Furukawa,Yok	DR3		+	+	+	DQ5	DR16	
910	Hahn,Amy B.	+	+	+	+	+	+		
4908	Kvam,Vonnet	+	+	+	+	+	+		
725	Lardy,N.M.	DR3	+	+	+	+	+		
54	McAlack,Robe	+	+	+	+	+	DQ6		
8004	Pais,Maria L	NT							
2400	Phelan,Donna	+	+	+	+	+	DQ6		
793	Rubocki,Rona	+	+	+	+	+	DQ6		
3904	Stewart,Dod	NT							

B-CELL LINE TER-397

67 DNA LABS

67 LABS REPORTING DRB1

DRB1*03	36%
DRB1*0301	51%
DRB1*030101	13%
DRB1*03	100% TOTAL
DRB1*15	40%
DRB1*1501	46%
DRB1*150101	14%
DRB1*15	100% TOTAL

50 LABS REPORTING DRB3

DRB3*+	28%
DRB3*0101	46%
DRB3*010102	4%
DRB3*01	22%

50 LABS REPORTING DRB5

DRB5*+	30%
DRB5*0101	40%
DRB5*010101	10%
DRB5*01	18%

62 LABS REPORTING DQB1

DQB1*02	39%
DQB1*0201	55%
DQB1*020101	6%
DQB1*02	100% TOTAL
DQB1*06	24%
DQB1*0602	3%
DQB1*0616	73%
DQB1*06	100% TOTAL

13 LABS REPORTING DQA1

DQA1*01	15%
DQA1*0102	70%
DQA1*010201	15%
DQA1*01	100% TOTAL
DQA1*05	39%
DQA1*0501	46%
DQA1*050101	15%
DQA1*05	100% TOTAL

13 LABS REPORTING DPB1

DPB1*0101	77%
DPB1*010101	23%
DPB1*0101	100% TOTAL
DPB1*0201	39%
DPB1*020102	23%
DPB1*0201/*1802	38%

9 SEROLOGY LABS

DR3	33%
DR17	67%
DR3	100% TOTAL
DR15	89%
DR52	100%
DR51	100%

DQ2	100%
DQ1	56%
DQ5	11%
DQ6	33%
DQ1	100% TOTAL

B-CELL LINE TER-398

CTR	DIRNAME	DRB1	DRB1X	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
4079	Abbal,M.	*0810	*1501	*0101	*0301/19	*0602				P-SSO,SSP
5488	Adams,Sharon	*0810	*150101	*0101	*03	*06	*0102	*0601	*0401	SSP,SSO,SBT
2300	Allegheny Ge	NT								
105	Ball,Edward	*0810	*1501	*010101	*03	*06	*0102	*0601	*0401	P-SSP
785	Chan,So Ha	*0803/10	*1501/02/13		*0301/13	*0602	*0102	*0601/02		SBT
5232	Charlton,Ron	*0810	*1501	*01/*02	*0301	*0602				SSP
3224	Chen,Dongfen	*0810	*1501	*0101	*0301/19	*0602				SBT,SSP,SSO
3966	Chongolwatan	*0810	*1501	*0101	*0301	*0602				P-SSP
3632	Colombe,Beth	*0810	*1501	*0101	*0301	*0602				SSP
16	Cook,Daniel	*0810	*150101	*0101	*0301/09/19	*0602	*01	*06	*040101	RSSO,SSP,SBT
5130	Costeas,Paul	*0810	*1501/09	*0101	*0301	*0602	*0102	*0601		SSP
5219	Daniel,Dolly	*08	*15	*+	*03	*06				P-SSP
3625	Darke,Chris	*0812	*1501	*01	*0301	*0602	*0102		*0401	P-SSP
4269	Dormoy,Anne	NT								
5891	Du,Keming	*0810	*150101							P-SBT
3766	Dunn,Paul	*0810	*15	*01	*0301/09/19	*0602				
856	Dupont,Bo	*0810	*1501	*0101/13	*0301/09/13	*0602/11/16				RVSSO
3511	Duquesnoy,Re	*0810	*1501	*0101	*0301	*0602				RVSSOP,SSP
5214	Eckels/CPMC	*0810	*15	*01	*03(DQ7)	*0602				SSO
3428	Eckels/Utah	*0810	*1501/13/16/20+							SSOP
762	Fischer/Mayr	*0810	*1501	*0101	*0301/09	*0602new				SSO,LBT,SBT
8043	Gideoni,Osna	*0810	*1501		*0301	*0602				SSP
910	Hahn,Amy B.	*0810	*1501/16/20/22	*0101	*0301/19	*0602				SSP
4691	Hajeer,Ali	*12	*15	*+	*03	*06				ELISA
2344	Hurley/Hartz	*0810	*150101		*030101	*0602v				SBT,SSOP
771	Israel,Shosh	*0810	*1501		*03	*06				RVSSO,SSP
3261	Iwaki,Yui	*0810	*1501	*+	*0301	*0602				SSP
859	Kamoun,Malek	*0810	*1501	*0101	*0301	*0602				P-SSO,SSP
797	Kato,Shunich	*0810	*1501		*0301/09/13	*0615/24				SSO,+SBT-DR,
4864	Kim,Kyeong-H	*08	*15							P-SSOP
4337	Kim,Tai-Gyu	*0810	*1501		*0301	*06			*0401	SBT
168	Klein,Tirza	*0810	*1501		*0301	*0602				P-SSP,SSO
87	Land,Geoffre	*0810	*1501	*0101	*0301	*0602	*0102	*0601	*0401	SBT,SSP
748	Lazda,Velta	*08	*15	*+	*03(DQ7)	*06				P-SSP
278	Lee,Jar-How	*0810	*1501	*0101	*0301	*0602	*0102	*0601/02	*0401	SSP,RVSSOP
640	Lee,Kyung Wh	*0810	*1501		*0301/09	*0602new	*010201	*060101		P-SBT
759	Lefor,W.M.	*0810	*1501/13/16/20+		*0301/09	*0602/19				RVSSO
274	Lo,Raymundo	*08	*15	*+	*0301	*06				SSP
731	Loewenthal,R	*0810	*150101		*030101/09/13+	*0602				SSO,SBT
23	Mah,Helen	*0810	*1501	*01	*0301	*0602				P-RFLP,SSP
8029	Mani,Rama	*08	*15	*+	*03	*06				
9916	McIntyre,Joh	*0810	*150101	*010101	*0301/19	*0602v				SBT,SSP
8021	Montague,Bri	*0810	*1501	*01/*02	*0301	*0602			*0401	P-SSP,SBT
792	Moore,S.Brea	*08	*15	*+	*03(DQ7)	*06				P-SSP
5323	Murad,Shahna	*0810	*1501/16-18/20+	*0101	*(DQ7)	*06				P-SSP
8001	Pancoska,Car	*0810	*1501/16/20/22	*0101	*0301	*0602				RVSSOP,SSP
5096	Park,Jong-Su	*08	*15							RVSSOP
3648	Pereira,Noem	*0810	*1501/20/22							P-SSP
2400	Phelan,Donna	*0810	*1501	*01	*0301	*0602				RVSSO,SSP
4689	Rajczy&Gyodi	*0810	*1501	*0101	*0301/19	*0602/33				P-SSP
3753	Reed,Elaine	*0810	*1501	*0101	*0301	*new	*0102	*0601/02		SBT,SSP,SSO
782	Richard,Luci	*0810	*1501		*0301/19	*0602				SSO,SSP
1160	Rosen-Bronso	*08	*15	*01	*03	*06				RVSSO
793	Rubocki,Rona	*08	*15	*+	*03(DQ7)	*06				SSP
8042	Shainberg,Br	*0810	*1501		*0301	*0602				SSOP,SSP
735	Smith/MI	*0810	*1501/20/22	*+	*0301/19	*0602	*01	*06	*0401	SSP,RVSSOP
746	Stamm,Luz	*0810	*1501	*01	*0301	*0602				RVSSOP,SSP

B-CELL LINE TER-398

CTR	DIRNAME	DRB1	DRB1X	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	METHOD
3904	Stewart,Dod	*0810	*1501/16/20/22	*010101	*0301/19	*0602				P-SSP
13	Tagliere,Jac	*0810	*1501	*010101	*0301	*0602				SSP
2332	Tbakhi,Abdel	*0810	*1501	*01/*02	*03	*0602/24				SSP
5462	Turner,E.V.	*0810	*1501	*0101	*0301	*0602				SSP,SSO
5451	Van den Berg	*0810	*150101	*010101	*030101	*06new	*010201	*060101	*040101	SBT
705	Watkins,Dav	*0810	*1501	*+	*0301/04/09+	*06				SSP,SEQ
3135	Wernet,Peter	*0810	*1501	*0101	*0301	*0602			*0401	P-SSP,SBT
5670	Williams,Mar	*08	*15	*+	*03	*06				
2847	Yamamori,Shun	*08	*15		*03	*06				SSO,SSP
1466	Yu_Neng/ARC	*0810	*150101	*01	*030101	*06new	*0102	*0601/02	*040101	SSOP,SSP,SBT

CTR	DIRNAME	DR8	DR15	DR51	DQ7	DQ1	OTH1	OTH2
16	Cook,Daniel	+	+	+	+	DQ6		
54	McAlack,Robe	+	+	+	+	DQ6		
725	Lardy,N.M.	+	+	+	DQ3	+		
793	Rubocki,Rona	+	+	+	+	DQ6		
910	Hahn,Amy B.	+	+	+	+	+		
2200	Furukawa,Yok	+		+	+	DQ5	DR16	
2400	Phelan,Donna	+	+	+	+	DQ6		
3766	Dunn,Paul	+	+	+	+	+	DR52	
3904	Stewart,Dod	NT						
4908	Kvam,Vonnet	+	+	+	+	+		
8004	Pais,Maria L	NT						

B-CELL LINE TER-398

65 DNA LABS

65 LABS REPORTING DRB1	
DRB1*08	18%
DRB1*0810	78%
DRB1*0812	2%
DRB1*08	98% TOTAL
DRB1*15	37%
DRB1*1501	51%
DRB1*150101	12%
DRB1*15	100% TOTAL

60 LABS REPORTING DQB1	
DQB1*03	42%
DQB1*0301/19	13%
DQB1*0301	40%
DQB1*030101	5%
DQB1*03	100% TOTAL
DQB1*06	35%
DQB1*06new	3%
DQB1*06var	3%
DQB1*new	2%
DQB1*0602new	3%
DQB1*0602	54%
DQB1*06	100% TOTAL

47 LABS REPORTING DRB5	
DRB5*+	30%
DRB5*0101	40%
DRB5*010101	11%
DRB5*01	19%

13 LABS REPORTING DQA1	
DQA1*01	15%
DQA1*0102	70%
DQA1*010201	15%
DQA1*01	100% TOTAL
DQA1*06	46%
DQA1*0601	31%
DQA1*060101	15%
DQA1*06	92% TOTAL

12 LABS REPORTING DPB1	
DPB1*0401	75%
DPB1*040101	25%
DPB1*0401	100% TOTAL

9 SEROLOGY LABS

DR8	100%
DR15	89%
DR51	100%

DQ3	11%
DQ7	89%
DQ3	100% TOTAL
DQ1	44%
DQ5	11%
DQ6	45%
DQ1	100% TOTAL

	%	%	B 4	B 4	B 4	B 4	B 6	B 5	B 6	B 1	B 4	B 7		%	%	B 4	B 4	B 6	B 4	B 4	B 6	B 1	B 5	B 4	B 6		
	POS	8'S	4	5	9	1	0	0	1	3	7	6		POS	8'S	4	5	0	9	1	1	3	0	7	2		METHOD
Alvarez & Ca	65	62											CW6,A1,A68,B35>	43	28			+		+						CW6,A29	(3)
Berka,Noured	31	83	+	+	+			+						43	100	+	+	+			+	+					(4)
Burger,Joe	86	100	+	+	+	+	+	+	+		+			88	100	+	+	+	+	+	+	+	+	+			(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+		+	+	4005	???	???	+	+	+	+	+	+	+	+	+		4005	(3)
Chongkolwata	75	89	+											13	100	+		+									(1)
Choo,Yoon MD	65	0	+	+	+	+	+	+	+	+			B7	63	100	+		+	+	+	+	+				B35,B18	(5)
Claas,F.H.J.	21	8	+											25	12	+											(1)
Cohen,Jacque	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+				(3)
Darke,Christ	???	???	+	+	+	+	+			+				???	???	+	+	+	+	+		+			+	B75	(3)
Dunckley,Hea	20	53	+	+										29	75	+	+	+			+	+					(1)
Dunk,Arthur	33	100	+	+	+								B52,A26,A33	18	100	+	+										(6)
Dunn,Dale Dr	15	33	+	+										22	100	+	+										(4)
Dunn,Paul Ph	18	100	+	+										18	100	+	+										(2)
Eckels/CPMC,	31	???	+	+	+	+	+	+	+	+				60	???	+	+	+	+	+	+	+	+		+	B48	(4)
Ellis,Thomas	83	???				+				+		+	B12,B21,B40,B8>	89	???							+			+	B12,B21,B40,B5>	(3)
Esteves-Kond	87	0	+	+	+	+	+	+		+	+		A1,A24	90	50	+	+	+	+	+	+	+	+	+		B72	(3)
Fotino,Maril	14	28	+	+										14	14	+	+										(4)
Gautreaux,Mi	88	???	+	+	+	+	+	+	+	+		+		54	???	+	+	+	+	+	+	+	+			B76	(3)
Hahn,Amy B.	28	83	+	+	+	+			+	+			B73	47	100	+	+	+	+		+		+		+	B73,B63,B53	(4)
Hamdi,Nuha D	44	100		+	+	+			+		+			49	100		+	+	+	+	+			+		B76,CW9,B75	(3)
Han,Hoon Dr	47	???					+						A9,B27	71	???											A2,A23,A11,A29>	(3)
Harville/ACH	???	???	+	+	+	+	+	+			+		A24	???	???	+	+		+	+	+		+	+		B76	(3)
Hidajat,Mela	9	50		+										14	100	+	+										(1)
Hogan,Patric	17	22	+	+										18	30	+	+										(1)
Israel,Shosh	13	100	+	+				+	+				B71	14	100	+	+	+			+		+			B53	(2)
Kamoun,Malek	45	???	+	+	+	+	+	+	+	+	+	+		49	???	+	+	+	+	+	+	+	+	+		B76	(3)
Klein,Jon MD	30	???	+	+	+	+	+	+	+			+		34	???	+	+	+	+		+	+	+			B48	(5)
Klein,Tirza	86	100	+	+		+	+	+	+				A30,A31,A23>	84	100		+	+		+	+		+			A23,A24,A11>	(3)
Lardy,N.M. D	28	100	+	+							+			20	100	+	+										(2)
MacCann,Eile	88	???	+	+	+	+	+	+	+	+			B37	90	???	+	+	+	+	+	+	+	+		+		(3)
Mah,Helen	29	100	+	+			+						A29	40	100	+	+	+	+	+	+					A29,B51	(4)
McAlack,Robe	23	0	+	+	+	+	+	+		+	+			26	50	+	+	+	+	+		+	+	+			(5)
McAlack-Bala	14	87	+	+										16	80	+	+				+						(4)
McCluskey,Ja	13	100	+	+										18	100	+	+										(6)
Moore,S.Brea	43	???	+	+	+	+	+	+			+	+	4005	29	???	+	+	+	+	+		+	+	+		4005	(3)
Mytilineos,J	8	75	+	+										18	69	+	+										(1)
Ozawa,Mikki	???	???	+	+	+	+	+	+			+	+	4005,B82	???	???	+	+	+	+	+	+	+	+	+		4005	(3)
Paik,Young K	57	33				+				+		+	B12,B21,B40>	61	100					+		+		+	+	B12,B21,B40>	(5)
Phelan,Donna	27	???	+	+	+	+	+	+	+					30	???	+	+	+	+	+	+	+	+	+			(6)
Pidwell,Dian	22	100	+	+							+			30	100	+	+		+	+	+		+	+			(2)
Rosen-Bronso	75	100	+	+	+	+	+	+					A1,A23,A24,B82	63	100	+	+	+	+	+	+	+	+	+		B35	(3)
Sage,Deborah	38	???	+	+	+		+	+	+	+	+		B82,B37	64	???	+	+	+	+	+	+	+	+			B82,B37	(3)
Schroeder,M.	44	???				+			+	+			A1,A3,A29	74	???											A2,A3,A1,A11>	(4)
Smith/Baylor	19	???	+											43	88	+	+	+	+	+	+	+	+				(4)
Smith/MI,	3	???	+											14	???	+	+										(4)
Stewart,Dod	4	8	+	+										15	67	+	+										(4)
Suciu-Foca,N	25	100	+	+	+			+						29	100	+	+		+	+			+				(4)
Tagliere,Jac	7	100	+	+										5	100	+	+										(2)
Tbakhi,Abdel	36	80	+	+	+	+		+						55	100	+	+	+	+	+		+	+			B40	(4)
Vaidya,Smita	???	???	+	+	+		+			+			B18,B35,B62,A1>	???	???	+	+	+	+	+		+			+	A1,B35	(3)
Ward,William	23	50	+	+			+		+					47	100	+	+	+	+		+	+	+	+			(4)
Yu_Neng/ARC,	???	???	+	+	+	+	+	+	+	+	+		B82	???	???	+	+	+	+	+	+	+	+	+		B82	(3)
Yu_Neng/UMMM	???	???	+	+	+	+	+	+	+		+		B39,B82	???	???	+	+	+	+	+	+	+	+	+		B39	(3)

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 53 TYPING LABS ***			*** 53 TYPING LABS ***		
B44	87%	0.852	B44	87%	0.895
B45	83%	0.974	B45	85%	0.962
B49	51%	0.872	B60	60%	0.853
B41	49%	0.933	B49	57%	0.978
B60	47%	0.949	B41	55%	0.907
B50	45%	0.881	B61	53%	0.889
B61	36%	0.867	B13	51%	0.932
B13	30%	0.862	B50	49%	0.921
B47	26%	1.000	B47	30%	1.000
B76	15%	1.000	B62	13%	1.000
B82	11%	1.000	B76	9%	1.000
A1	9%	0.944	4005	6%	1.000
A24	8%	1.000	B35	6%	1.000
4005	6%	1.000	B40	6%	1.000
A23	4%	1.000	B48	6%	1.000
B12	4%	1.000	B82	6%	1.000
B35	4%	1.000	A29	6%	0.889
B37	4%	1.000	A11	6%	0.714
B40	4%	1.000	A23	4%	1.000
B48	4%	1.000	A30	4%	1.000
A29	4%	0.833	B12	4%	1.000
B21	4%	0.833	B21	4%	1.000
			B53	4%	1.000
			B75	4%	1.000
			A1	4%	0.875
			B70	4%	0.857
			A2	4%	0.833

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

*** 53 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: All

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 6 TYPING LABS ***

B44	83%	0.719
B45	67%	0.909

*** 6 TYPING LABS ***

B44	100%	0.794
B45	67%	0.909
B60	33%	0.412
B61	17%	0.500
B13	17%	0.250

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: NIH-std

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 5 TYPING LABS ***

B45	100%	1.000
B44	100%	0.939
B47	40%	1.000
B61	20%	1.000
B50	20%	0.500
B71	20%	0.500

*** 5 TYPING LABS ***

B44	100%	0.857
B45	100%	0.833
B50	40%	1.000
B61	40%	0.667
B47	20%	1.000
B53	20%	1.000
B60	20%	1.000
B41	20%	0.500
B49	20%	0.500

*** 5 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: NIH-ext

	SERUM NO. 937												SERUM NO. 938											
	% POS	% 8'S	B 4 5	B 6 0	B 4 9	B 4 4	B 5 0	B 4 1	B 6 1	B 4 7	B 1 3	B 7 6		% POS	% 8'S	B 6 0	B 4 1	B 4 5	B 4 9	B 4 4	B 1 3	B 6 1	B 5 0	B 4 7	B 7 6	METHOD
Alvarez & Ca	65	62											CW6,A1,A68,B35>	43	28	+	+									CW6,A29 (F-3)
Burger,Joe	86	100	+	+	+	+	+	+	+	+				88	100	+	+	+	+	+	+	+	+	+		(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+		+	4005	???	???	+	+	+	+	+	+	+	+	+		4005 (L-3)
Cohen,Jacque	???	???	+	+	+	+	+	+	+		+			???	???	+	+	+	+	+	+	+	+			(L-3)
Cook,Daniel	???	???	+	+	+	+	+	+	+	+		+	8201	???	???	+	+	+	+	+	+	+	+	+	+	(F-3)
Darke,Christ	???	???	+	+	+	+		+			+			???	???	+	+	+	+	+	+					B62,B75 (L-3)
Dunn,Paul Ph	45	???	+	+	+	+	+	+	+	+	+		B62	51	???	+	+	+	+	+	+	+	+	+		B27 (L-3)
Eckels/CPMC,	84	???	+	+	+	+	+	+	+	+	+		4005	81	???	+	+	+	+	+	+	+	+	+		4005 (LF-3)
Ellis,Thomas	83	???						+			+	+	B12,B21,B40,B8>	89	???						+					B12,B21,B40,B5 (LF-3)
Esteves-Kond	87	0	+	+	+	+	+	+		+	+		A1,A24	90	50	+	+	+	+	+	+	+	+	+		B72 (F-3)
Fotino,Maril	???	???	+	+	+	+	+		+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)
Gautreaux,Mi	88	???	+	+	+	+	+	+	+		+	+		54	???	+	+	+	+	+	+	+	+		+	(L-3)
Hamdi,Nuha D	44	100	+		+			+	+	+				49	100	+	+	+	+			+		+	+	CW9,B75 (L-3)
Han,Hoon Dr	47	???		+									A9,B27	71	???											A2,A23,A11,A29> (L-3)
Harville/ACH	28	???	+	+	+	+		+	+	+		+		23	???	+	+	+	+	+		+		+	+	(LF-3)
Kamoun,Malek	45	???	+	+	+	+	+	+	+	+	+	+		49	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Klein,Tirza	86	100	+	+		+	+	+	+				A30,A31,A23>	84	100	+	+	+				+	+			A23,A24,A11> (L-3)
MacCann,Eile	88	???	+	+	+	+	+	+	+		+		B37	90	???	+	+	+	+	+	+	+	+			B62 (L-3)
McAlack-Bala	76	100	+	+	+	+	+	+	+				B62	56	100	+	+	+		+	+	+	+			B65 (L-3)
Moore,S.Brea	43	???	+	+	+	+	+	+		+		+	4005	29	???	+	+	+	+	+	+		+	+		4005 (L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+		+		+	4005,B82	???	???	+	+	+	+	+	+	+	+	+		4005 (L-3)
Phelan,Donna	26	???	+	+	+	+	+	+	+	+	+		B62	28	???	+	+	+	+	+	+	+	+	+		B62 (L-3)
Rosen-Bronso	75	100	+	+	+	+	+	+					A1,A23,A24,B82	63	100	+	+	+	+	+	+	+	+	+		B35 (F-3)
Sage,Deborah	38	???	+	+	+	+	+		+	+	+		B82,B37	64	???	+	+	+	+	+	+	+	+			B82,B37 (L-3)
Smith/Baylor	44	???	+		+	+	+	+		+	+	+		42	???	+	+	+	+	+	+	+	+	+		(L-3)
Smith/MI,	45	???	+	+	+	+	+	+		+		+	4005,B82	45	???	+	+	+	+	+	+	+	+	+		4005 (L-3)
Suciu-Foca,N	65	100	+	+	+	+	+		+	+		+	B82	49	100	+	+	+	+	+	+	+	+	+		(L-3)
Vaidya,Smita	???	???	+	+	+	+					+		B18,B35,B62,A1>	???	???	+	+	+	+	+	+					A1,B35,B62 (L-3)
Ward,William	81	???	+	+	+	+	+		+				B12,B21,B40>	77	???	+	+	+	+	+			+	+		B12,B21,B40 (LF-3)
Yu_Neng/ARC,	???	???	+	+	+	+	+	+	+	+	+		B82	???	???	+	+	+	+	+	+	+	+	+		B82 (L-3)
Yu_Neng/UMMM	???	???	+	+	+	+	+	+	+	+			B39,B82	???	???	+	+	+	+	+	+	+	+	+		B39 (L-3)

(3) – L-Luminex, F-Flow

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 31 TYPING LABS ***			*** 31 TYPING LABS ***		
B45	90%	1.000	B41	94%	1.000
B44	87%	1.000	B60	94%	1.000
B49	87%	1.000	B45	90%	1.000
B60	87%	1.000	B49	87%	1.000
B41	77%	1.000	B44	84%	1.000
B50	77%	1.000	B13	81%	1.000
B61	65%	1.000	B50	77%	1.000
B47	61%	1.000	B61	77%	1.000
B13	48%	1.000	B47	65%	1.000
B76	39%	1.000	4005	16%	1.000
B82	26%	1.000	B62	16%	1.000
4005	19%	1.000	B76	16%	1.000
A1	13%	1.000	B82	10%	1.000
B62	13%	0.833	A23	6%	1.000
A24	10%	1.000	A30	6%	1.000
A23	6%	1.000	B12	6%	1.000
B12	6%	1.000	B21	6%	1.000
B21	6%	1.000	B27	6%	1.000
B35	6%	1.000	B35	6%	1.000
B37	6%	1.000	B40	6%	1.000
B40	6%	1.000	B75	6%	1.000
8201	3%	1.000	A29	6%	0.800
A9	3%	1.000	A11	6%	0.625
A30	3%	1.000	A1	3%	1.000
A31	3%	1.000	A24	3%	1.000
A68	3%	1.000	A31	3%	1.000
B8	3%	1.000	B5	3%	1.000
B18	3%	1.000	B37	3%	1.000
B27	3%	1.000	B39	3%	1.000
B38	3%	1.000	B70	3%	1.000
B39	3%	1.000	B72	3%	1.000
B48	3%	1.000	CW9	3%	1.000
B70	3%	1.000	CW6	3%	0.875
B72	3%	1.000	A2	3%	0.818
CW6	3%	1.000	B65	3%	0.500

*** 31 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Luminex/Flow

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

	% POS	% 8'S	B4 44	B4 45	B4 49	B6 01	B5 00	B4 01	B6 00	B1 03		% POS	% 8'S	B4 45	B4 44	B6 01	B6 00	B4 49	B5 00	B4 01	B1 03	B6 02		METHOD
Berka,Noured	31	83	+	+	+		+					43	100	+	+	+	+			+				(4)
Dunn,Dale Dr	15	33	+	+								22	100	+	+									(4)
Eckels/CPMC,	31	???	+	+	+	+	+	+	+	+		60	???	+	+	+	+	+	+	+	+	+	B48	(4)
Fotino,Maril	14	28	+	+								14	14	+	+									(4)
Hahn,Amy B.	28	83	+	+	+	+		+		+	B73	47	100	+	+	+	+	+	+			+	B73,B63,B53	(4)
Mah,Helen	29	100	+	+					+		A29	40	100	+	+	+	+	+		+			A29,B51	(4)
McAlack-Bala	14	87	+	+								16	80	+	+	+								(4)
Schroeder,M.	44	???				+		+		+	A1,A3,A29	74	???										A2,A3,A1,A11,A33>	(4)
Smith/Baylor	19	???	+									43	88	+	+	+	+	+	+	+	+			(4)
Smith/MI,	3	???	+									14	???	+	+									(4)
Stewart,Dod	4	8	+	+								15	67	+	+									(4)
Suciu-Foca,N	25	100	+	+	+		+					29	100	+	+			+	+	+				(4)
Tbakhi,Abdel	36	80	+	+	+		+	+				55	100	+	+		+	+	+	+	+		B40	(4)
Ward,William	23	50	+	+		+			+			47	100	+	+	+	+	+	+		+		B47	(4)

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 14 TYPING LABS ***

B44	93%	0.833
B45	79%	0.952
B49	36%	0.866
B41	29%	0.800
B50	29%	0.750
B61	29%	0.556
B60	21%	0.750
B13	21%	0.556
A29	14%	0.833
A1	7%	0.857
A3	7%	0.636
B73	7%	0.250

*** 14 TYPING LABS ***

B45	93%	1.000
B44	93%	0.964
B49	50%	1.000
B60	50%	0.958
B61	50%	0.813
B50	43%	0.903
B13	36%	1.000
B41	36%	0.895
B62	14%	1.000
A26	7%	1.000
A29	7%	1.000
A33	7%	1.000
B40	7%	1.000
B47	7%	1.000
B48	7%	1.000
B51	7%	1.000
B53	7%	1.000
B63	7%	1.000
B73	7%	1.000
A1	7%	0.857
A2	7%	0.857
A3	7%	0.857
A11	7%	0.833

*** 14 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Antiglobulin

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

	% POS	% 8'S	B 4 1	B 6 0	B 4 9	B 4 5	B 4 4	B 1 3	B 6 1	B 5 0	B 7 6	B 4 7		% POS	% 8'S	B 1 3	B 6 0	B 4 9	B 4 4	B 4 1	B 6 1	B 5 0	B 4 5	B 4 8	B 4 7		METHOD
Cantwell,Lin	75	???		+	+	+	+		+			+		78	???		+	+	+	+	+	+	+	+			(5)
Choo,Yoon MD	65	0	+	+	+	+	+	+	+	+			B7	63	100	+	+	+	+	+	+				B35,B18		(5)
Esteves-Kond	73	0	+	+	+	+	+	+	+	+	+		A2	61	100	+	+	+	+		+	+	+		B76,B27,B71		(5)
Hahn,Amy B.	8	???	+					+				+	B12,B21,B40>	19	???	+				+					+	B12,B21,B40>	(5)
Klein,Jon MD	30	???	+	+	+	+	+		+	+	+			34	???	+	+	+	+		+	+	+	+			(5)
McAlack,Robe	23	0	+	+	+	+	+	+		+		+		26	50	+	+	+	+	+		+	+		+		(5)
Paik,Young K	57	33	+					+			+		B12,B21,B40>	61	100	+				+				+	+	B12,B21,B40>	(5)

********** SERUM NO. 937 ********** ********** SERUM NO. 938 **********

*** 7 TYPING LABS ***			*** 7 TYPING LABS ***		
B41	86%	1.000	B13	86%	1.000
B13	71%	1.000	B41	71%	1.000
B44	71%	1.000	B44	71%	1.000
B45	71%	1.000	B49	71%	1.000
B60	71%	1.000	B60	71%	1.000
B49	71%	0.875	B50	57%	1.000
B50	57%	1.000	B61	57%	1.000
B61	57%	1.000	B45	57%	0.833
B47	43%	1.000	B47	43%	1.000
B76	43%	1.000	B48	43%	1.000
B12	29%	1.000	B12	29%	1.000
B40	29%	1.000	B18	29%	1.000
B21	29%	0.833	B21	29%	1.000
A2	14%	1.000	B35	29%	1.000
B18	14%	1.000	B40	29%	1.000
B35	14%	1.000	B62	29%	1.000
B48	14%	1.000	B70	29%	0.857
B62	14%	1.000	B76	29%	0.750
B70	14%	1.000	B27	14%	1.000
B7	14%	0.667	B71	14%	1.000

*** 7 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Elisa

	%	%	B 4	B 4	B 6	B 1	B 6	B	B 4	B 7	B 8	B 5		%	%	B 4	B 4	B 4	B 6	B 4	B 5	B 6	B 1	B 4	B 7		
	POS	8'S	4	5	5	8	4	8	9	6	2	0		POS	8'S	4	5	9	0	1	0	1	3	7	6		METHOD
Alvarez & Ca	94	???											???	46	57	+		+	+	+						CW6	(3)
Berka,Noured	25	100	+	+	+		+							47	100	+	+	+	+		+	+	+				(4)
Burger,Joe	100	100	+	+	+	+		+					B42,B39,B62	82	100	+	+	+	+	+	+	+	+	+		B7	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+		4005	???	???	+	+	+	+	+	+		+	+	+	4005	(3)
Chongkolwata	5	67	+										B60	13	100	+										B7,B39	(1)
Choo,Yoon MD	55	25	+	+		+			+				B13,B60,B41>	48	100	+	+	+	+	+		+	+			B7	(5)
Claas,F.H.J.	17	0	+											25	12	+											(1)
Cohen,Jacque	???	???	+	+	+	+	+			+	+			???	???	+	+	+	+	+	+	+	+				(3)
Darke,Christ	???	???	+	+		+	+	+						???	???	+	+	+	+	+			+			B57	(3)
Dunckley,Hea	7	0	+						+			+		20	64	+	+										(1)
Dunk,Arthur	23	50	+	+									A1	15	60	+	+										(6)
Dunn,Dale Dr	22	0	+	+	+		+							???	0	+	+										(4)
Dunn,Paul Ph	13	84	+	+										13	67	+	+										(2)
Eckels/CPMC,	50	???	+	+	+	+	+		+				B13,B38,B39>	79	???	+	+	+	+	+	+	+	+			B57,B58	(4)
Ellis,Thomas	95	???						+		+	+		B12,B48,B40>	92	???					+			+		+	B12,B21,B40>	(3)
Esteves-Kond	99	100	+	+	+	+	+	+	+			+	B41,B37	85	50	+	+	+	+	+	+	+		+		CW6,A24	(3)
Fotino,Maril	14	0	+	+										14	71	+	+										(4)
Gautreaux,Mi	100	???	+	+		+			+	+	+		CW5,CW8	86	???	+	+	+	+			+	+	+	+		(3)
Hahn,Amy B.	34	83	+	+	+		+	+	+			+	B62	17	67	+	+		+			+				B73	(4)
Hamdi,Nuha D	67	100				+			+				A69,CW16,A26>	51	100	+	+	+	+	+		+				A80,A34,CW6	(3)
Han,Hoon Dr	95	???											A1,A2,A23,A11>	69	???											A24	(3)
Harville/ACH	???	???	+	+	+	+	+			+			CW5,CW8	???	???	+	+	+		+	+	+		+	+		(3)
Hidajat,Mela	0	0												2	0											A29	(1)
Hogan,Patric	5	50	+	+										21	42	+	+										(1)
Israel,Shosh	8	80	+	+									B56,B63,A25>	14	100	+	+	+			+						(2)
Kamoun,Malek	64	???	+	+	+		+	+	+			+	B60,B61,B13	51	???	+	+	+	+	+	+	+	+		+		(3)
Klein,Jon MD	48	???	+	+		+		+		+			B14,B48,B52	43	???	+	+	+	+	+	+	+	+			8201,B48	(5)
Klein,Tirza	98	???		+	+	+	+						B81,B41,B39>	80	100		+	+	+	+	+	+				B81,B67,A23>	(3)
Lardy,N.M. D	24	50	+	+									B37	6	67		+										(2)
MacCann,Eile	100	???	+	+	+	+		+					B41,B39,B62>	???	???	+	+	+	+	+	+	+	+			B37	(3)
Mah,Helen	40	40	+	+				+					B14,B60	47	100	+	+	+	+	+			+			A29,B51	(4)
McAlack,Robe	32	0	+	+	+	+	+	+	+				A33	19	100	+	+	+	+	+	+		+	+			(5)
McAlack-Bala	21	0	+	+	+		+							29	100	+	+				+	+				B71,B58	(4)
McCluskey,Ja	16	0	+	+										18	100	+	+										(6)
Moore,S.Brea	51	???	+	+	+	+	+	+		+	+		4005	25	???	+	+	+	+	+	+			+	+	4005	(3)
Mytilineos,J	4	???											???	12	63	+	+										(1)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+			+	+	4005,B82	(3)
Paik,Young K	86	33								+			B12,B21,B14,B5>	52	100					+			+	+	+	B12,B21,B40	(5)
Phelan,Donna	49	???	+	+	+	+	+	+				+	B60,B61,B51	32	???	+	+		+	+	+	+	+				(6)
Pidwell,Dian	16	67	+	+										26	100	+	+	+		+	+						(2)
Rosen-Bronso	94	100	+	+	+	+	+	+	+			+	B52,B37	63	100	+	+	+	+	+	+	+		+	+	B82	(3)
Sage,Deborah	54	???	+	+	+	+	+		+		+		B38,B39,B13	65	???	+	+	+	+	+	+	+	+	+		B82	(3)
Schroeder,M.	41	???		+	+								B60,A23,A33>	37	???								+			B56,A69,B52,B7>	(4)
Smith/Baylor	10	???	+											12	???	+											(4)
Smith/MI,	5	???	+	+										???	???	+	+				+	+					(4)
Stewart,Dod	0	0												17	100	+	+										(4)
Suciu-Foca,N	25	100	+	+		+							B14	21	100	+	+	+	+		+	+					(4)
Tagliere,Jac	11	0	+	+										2	50	+											(2)
Tbakhi,Abdel	28	70	+	+					+				B41,B48	50	???	+		+	+	+	+		+			B40	(4)
Vaidya,Smita	???	???	+	+		+			+				B35,B62,B60>	???	???	+	+	+	+				+			A1,A26,A24,A23>	(3)
Ward,William	30	100	+	+	+		+							47	100	+	+	+	+		+	+	+	+			(4)
Yu_Neng/ARC,	???	???	+	+	+	+	+	+	+		+	+	B13	???	???	+	+	+	+	+	+	+	+		+	B57,B58	(3)
Yu_Neng/UMMM	???	???	+	+	+	+	+	+	+	+	+		B52	???	???	+	+	+	+	+	+	+	+	+		B82	(3)

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 53 TYPING LABS ***			*** 53 TYPING LABS ***		
B44	81%	0.570	B44	87%	0.801
B45	79%	0.912	B45	79%	0.959
B65	43%	0.950	B49	57%	0.961
B18	43%	0.920	B60	55%	0.916
B64	40%	1.000	B41	51%	0.936
B8	32%	1.000	B50	49%	0.952
B49	32%	0.821	B61	43%	0.829
B76	19%	1.000	B13	42%	0.950
B82	17%	1.000	B47	26%	1.000
B50	15%	0.714	B76	17%	1.000
B13	13%	0.889	B82	9%	1.000
B60	13%	0.522	A24	8%	1.000
B14	11%	1.000	B58	8%	0.750
B41	11%	0.833	B7	8%	0.667
B39	9%	1.000	4005	6%	1.000
B37	8%	1.000	B40	6%	1.000
B52	8%	1.000	B57	6%	1.000
B62	8%	0.875	CW6	6%	0.944
B48	8%	0.857	A23	4%	1.000
A23	8%	0.750	B12	4%	1.000
B38	6%	1.000	B21	4%	1.000
B61	6%	0.750	A29	4%	0.800
4005	4%	1.000			
???	4%	1.000			
A29	4%	1.000			
A69	4%	1.000			
B12	4%	1.000			
B35	4%	1.000			
B40	4%	1.000			
CW8	4%	1.000			
CW5	4%	1.000			
A1	4%	0.857			
A33	4%	0.667			

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

*** 53 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: All

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 6 TYPING LABS ***

B44	67%	0.220
???	17%	1.000
B45	17%	0.500
B49	17%	0.333
B50	17%	0.250
B60	17%	0.111

*** 6 TYPING LABS ***

B44	83%	0.727
B45	50%	1.000
A29	17%	0.500
B39	17%	0.333
B7	17%	0.200

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: NIH-std

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 5 TYPING LABS ***

B45	100%	0.900
B44	100%	0.792
B37	20%	1.000
B56	20%	1.000
A25	20%	0.500
B54	20%	0.500
B63	20%	0.500

*** 5 TYPING LABS ***

B44	80%	0.917
B45	80%	0.875
B50	40%	0.750
B49	40%	0.667
B41	20%	0.500

*** 5 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: NIH-ext

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

	% POS	% 8'S	B 4 5	B 4 4	B 1 8	B 6 5	B 6 4	B 4 9	B 8	B 7 6	B 8 2	B 5 0		% POS	% 8'S	B 6 0	B 4 9	B 4 5	B 4 4	B 4 1	B 5 0	B 6 1	B 4 7	B 1 3	B 7 6		METHOD
Alvarez & Ca	94	???											???	46	57	+	+		+	+					CW6	(F-3)
Burger,Joe	100	100	+	+	+	+			+				B42,B39,B62	82	100	+	+	+	+	+	+	+	+	+	B7	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+		4005	???	???	+	+	+	+	+	+		+	+	+	4005	(L-3)
Cohen,Jacque	???	???	+	+	+	+	+			+	+			???	???	+	+	+	+	+	+	+		+			(L-3)
Cook,Daniel	???	???	+	+	+	+	+			+			CW5,CW8,B37>	???	???	+	+	+	+	+	+	+	+	+	+		(F-3)
Darke,Christ	???	???	+	+	+		+		+					???	???	+	+	+	+	+				+		B57	(L-3)
Dunn,Paul Ph	69	???											MULTI	56	???	+	+	+	+	+	+	+	+	+		B7	(L-3)
Eckels/CPMC,	93	???	+	+	+			+				+	B47,B48,4005>	79	???		+	+	+	+	+		+	+		4005,B57,B58	(LF-3)
Ellis,Thomas	95	???							+	+	+		B12,B48,B40>	92	???					+				+	+	B12,B21,B40>	(LF-3)
Esteves-Kond	99	100	+	+	+	+	+	+	+			+	B41,B37	85	50	+	+	+	+	+	+	+	+			CW6,A24	(F-3)
Fotino,Maril	???	???	+	+	+	+				+	+		B47,B60	???	???	+	+	+	+		+	+	+	+	+		(L-3)
Gautreaux,Mi	100	???	+	+	+			+		+	+		CW5,CW8	86	???	+	+	+	+			+	+	+	+		(L-3)
Hamdi,Nuha D	67	100			+			+					A69,CW16,A26>	51	100	+	+	+	+	+		+			A80,A34,CW6	(L-3)
Han,Hoon Dr	95	???											A1,A2,A23,A11>	69	???										A24	(L-3)
Harville/ACH	33	???	+	+	+	+	+	+		+			B52	11	???	+	+	+	+	+		+	+		+		(LF-3)
Kamoun,Malek	64	???	+	+		+	+	+	+			+	B60,B61,B13	51	???	+	+	+	+	+	+	+		+	+		(L-3)
Klein,Tirza	98	???	+		+	+	+						B81,B41,B39>	80	100	+	+	+		+	+	+				B81,B67,A23>	(L-3)
MacCann,Eile	100	???	+	+	+	+			+				B41,B39,B62>	???	???	+	+	+	+	+	+	+		+		B37	(L-3)
McAlack-Bala	90	100	+	+	+	+							B42,B41,B62>	94	100	+		+	+	+	+	+				B82,B42	(L-3)
Moore,S.Brea	51	???	+	+	+	+	+		+	+	+		4005	25	???	+	+	+	+	+	+		+		+	4005	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+		+		+	4005,B82	(L-3)
Phelan,Donna	34	???	+	+				+				+	B13,B60,B47>	13	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Rosen-Bronso	94	100	+	+	+	+	+	+	+			+	B52,B37	63	100	+	+	+	+	+	+	+	+		+	B82	(F-3)
Sage,Deborah	54	???	+	+	+	+	+	+			+		B38,B39,B13	65	???	+	+	+	+	+	+	+	+	+		B82	(L-3)
Smith/Baylor	65	???	+	+	+	+	+	+	+	+	+	+		49	???	+	+	+	+	+	+	+	+	+			(L-3)
Smith/MI,	36	???	+	+	+	+	+	+	+	+	+		4005	51	???	+	+	+	+	+	+		+		+	4005,B82	(L-3)
Suciu-Foca,N	79	100	+	+	+	+	+			+	+			36	100	+	+	+	+		+	+	+		+		(L-3)
Vaidya,Smita	???	???	+	+	+			+					B35,B62,B60>	???	???	+	+	+	+					+		A1,A26,A24,A23>	(L-3)
Ward,William	94	???	+	+						+			B12,B62,B75>	71	???	+	+	+	+	+	+	+				B12,B21,B40	(LF-3)
Yu_Neng/ARC,	???	???	+	+	+	+	+	+	+		+	+	B13	???	???	+	+	+	+	+	+	+	+			B57,B58	(L-3)
Yu_Neng/UMMM	???	???	+	+	+	+	+	+	+	+	+		B52	???	???	+	+	+	+	+	+	+	+	+		B82	(L-3)

(3) – L-Luminex, F-Flow

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 31 TYPING LABS ***			*** 31 TYPING LABS ***		
B45	87%	1.000	B44	90%	1.000
B44	81%	1.000	B45	90%	1.000
B18	77%	1.000	B49	90%	1.000
B65	65%	1.000	B60	90%	1.000
B64	55%	1.000	B41	84%	1.000
B49	52%	1.000	B50	74%	1.000
B8	45%	1.000	B61	68%	1.000
B76	45%	1.000	B47	61%	1.000
B82	42%	1.000	B13	55%	1.000
B50	26%	1.000	B76	42%	1.000
B52	23%	1.000	B82	23%	1.000
B62	19%	1.000	4005	16%	1.000
B13	16%	1.000	A24	13%	1.000
B60	16%	1.000	B57	10%	1.000
4005	13%	1.000	CW6	10%	0.944
B37	13%	1.000	A23	6%	1.000
B39	13%	1.000	B7	6%	1.000
B41	13%	1.000	B12	6%	1.000
A23	10%	1.000	B21	6%	1.000
B47	10%	1.000	B40	6%	1.000
A29	6%	1.000	B58	6%	1.000
B12	6%	1.000	A1	3%	1.000
B14	6%	1.000	A2	3%	1.000
B35	6%	1.000	A26	3%	1.000
B38	6%	1.000	A34	3%	1.000
B42	6%	1.000	A80	3%	1.000
B48	6%	1.000	B37	3%	1.000
B51	6%	1.000	B42	3%	1.000
CW8	6%	1.000	B67	3%	1.000
CW5	6%	1.000	B81	3%	1.000
???	3%	1.000			
A1	3%	1.000			
A2	3%	1.000			
A24	3%	1.000			
A26	3%	1.000			
A30	3%	1.000			
A68	3%	1.000			
A69	3%	1.000			
A80	3%	1.000			
B40	3%	1.000			
B61	3%	1.000			
B70	3%	1.000			
B71	3%	1.000			
B72	3%	1.000			
B75	3%	1.000			
B77	3%	1.000			
B81	3%	1.000			
CW12	3%	1.000			
CW16	3%	1.000			
MULTI	3%	1.000			
A11	3%	0.889			

*** 31 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Luminex/Flow

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

	% POS	% 8'S	B 4 4 5	B 4 4 4	B 6 5 5	B 6 4 4	B 4 9	B 8	B 6 0	B 4 1	B 1 8	B 1 4		% POS	% 8'S	B 4 4 5	B 4 4 4	B 6 6 1	B 6 4 0	B 5 0 0	B 4 9	B 1 3	B 5 8	B 4 1		METHOD
Berka,Noured	25	100	+	+	+	+								47	100	+	+	+	+	+	+	+				(4)
Dunn,Dale Dr	22	0	+	+	+	+								???	0	+	+									(4)
Eckels/CPMC,	50	???	+	+	+	+	+			+	+		B13,B38,B39	79	???	+	+	+	+	+	+	+	+	+	B57	(4)
Fotino,Maril	14	0	+	+										14	71	+	+									(4)
Hahn,Amy B.	34	83	+	+	+	+	+	+					B50,B62	17	67	+	+	+	+						B73	(4)
Mah,Helen	40	40	+	+				+	+		+			47	100	+	+		+		+	+		+	A29,B51	(4)
McAlack-Bala	21	0	+	+	+	+								29	100	+	+	+		+			+		B71	(4)
Schroeder,M.	41	???	+		+				+				A23,A33,A69>	37	???							+	+		B56,A69,B52,B7	(4)
Smith/Baylor	10	???		+										12	???	+										(4)
Smith/MI,	5	???	+	+										???	???	+	+	+		+						(4)
Stewart,Dod	0	0												17	100	+	+									(4)
Suciu-Foca,N	25	100	+	+						+	+			21	100	+	+	+	+	+	+					(4)
Tbakhi,Abdel	28	70	+	+			+			+			B48	50	???	+			+	+	+	+		+	B40	(4)
Ward,William	30	100	+	+	+	+								47	100	+	+	+	+	+	+	+			B47	(4)

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 14 TYPING LABS ***			*** 14 TYPING LABS ***		
B45	86%	0.864	B44	93%	0.753
B44	86%	0.548	B45	79%	0.913
B65	50%	0.889	B50	50%	0.941
B64	43%	1.000	B60	50%	0.892
B49	21%	0.714	B61	50%	0.650
B8	14%	1.000	B49	43%	0.929
B14	14%	1.000	B13	43%	0.882
B18	14%	0.891	B41	21%	0.923
B41	14%	0.727	B58	21%	0.714
B60	14%	0.700	A29	7%	1.000
A69	7%	1.000	A69	7%	1.000
B13	7%	1.000	B40	7%	1.000
B38	7%	1.000	B47	7%	1.000
B39	7%	1.000	B51	7%	1.000
B46	7%	0.667	B56	7%	1.000
B50	7%	0.667	B57	7%	1.000
A23	7%	0.600	B71	7%	1.000
A33	7%	0.600	B73	7%	1.000
B62	7%	0.600	B7	7%	0.667
B48	7%	0.500	B52	7%	0.600

*** 14 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Antiglobulin

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

	% POS	% 8'S	B 1 8	B 4 5	B 4 4	B 4 9	B 8	B 7 6	B 6 5	B 6 4	B 1 4	B 4 8		% POS	% 8'S	B 4 1 3	B 1 6 0	B 6 4 9	B 4 4 4	B 5 4 0	B 4 7	B 4 5	B 6 1	B 4 8		METHOD
Cantwell,Lin	98	???	+	+	+				+	+				58	???	+		+	+	+	+	+	+	+	+	(5)
Choo,Yoon MD	55	25	+	+	+	+						B13,B60,B41>		48	100	+	+	+	+	+			+	+		B7	(5)
Esteves-Kond	91	25	+	+	+	+		+	+	+		B41,B72,A24		48	100	+	+	+	+	+	+					A1	(5)
Hahn,Amy B.	10	???	+			+	+				+	B12,B62,B50		16	???	+	+					+				B12,B21,B40>	(5)
Klein,Jon MD	48	???	+	+	+			+			+	+	B52	43	???	+	+	+	+	+	+			+	+	+	8201	(5)
McAlack,Robe	32	0	+	+	+	+	+		+	+			A33	19	100	+	+	+	+	+	+	+	+					(5)
Paik,Young K	86	33						+			+	+	B12,B21,B40,B5>	52	100	+	+					+				B12,B21,B40>	(5)

********** SERUM NO. 939 ********** ********** SERUM NO. 940 **********

*** 7 TYPING LABS ***			*** 7 TYPING LABS ***		
B18	86%	1.000	B41	100%	0.900
B44	71%	1.000	B13	86%	0.900
B45	71%	1.000	B44	71%	1.000
B49	57%	0.833	B49	71%	1.000
B8	43%	1.000	B60	71%	1.000
B14	43%	1.000	B45	57%	1.000
B64	43%	1.000	B47	57%	1.000
B65	43%	1.000	B50	57%	1.000
B76	43%	1.000	B61	43%	1.000
B12	29%	1.000	B12	29%	1.000
B41	29%	1.000	B21	29%	1.000
B48	29%	1.000	B40	29%	1.000
B13	29%	0.750	B48	29%	1.000
A24	14%	1.000	8201	14%	1.000
A33	14%	1.000	B57	14%	1.000
B5	14%	1.000	B58	14%	1.000
B16	14%	1.000	B76	14%	1.000
B40	14%	1.000	A1	14%	0.750
B50	14%	1.000	B7	14%	0.667
B52	14%	1.000			
B60	14%	1.000			
B62	14%	1.000			
B70	14%	1.000			
B72	14%	1.000			
B21	14%	0.750			
B61	14%	0.500			

*** 7 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 14 2007 **********

Method: Elisa

	INVESTIGATOR	DNA EXTRACT #397 (Caucasian)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*250101/02	*680102/0301/11N	*1523	*550101	*030301/20N	*0712	RSSO,SSP,SBT
2300	Allegheny Ge	*25	*68	*15	*54	*03	*07	SSP
745	Anthony Nola	*2501	*6801	*1523	*5501	*0303	*0712	SSO,SSP,SEQ
105	Ball,Edward	*2501/05	*6801/33/35/37/38	*1523	*5501/03/05/11+	*0303/1102/30	*0712	PCR-SSP
2020	Barnardo,Mar	*2501	*6801/11N/33	*1523	*5501	*030301/20N	*0712	SSP,SBT
4345	Blasczyk,Rai	*2501	*6801/11N/33	*1523	*5501	*0303/20N	*0712	PCR-SBT
5106	Brown,Colin	*2501/02/05	*68	*1523	*5501/02/05+	*0303/11/13/20N+	*0704/11/12	PCR-SSO,SSP
785	Chan,Soh Ha	*2501/02	*6801/03/11N/33	*1523	*5501	*0303/20N	*0712	SBT
3224	Chen,Dongfen	*2501	*6801/11N	*1523	*5501	*0303/20N	*0712	SBT,SSO
3966	Chongolwatan	*25	*68	*1523	*55	*0303	*07	PCR-SSP
16	Cook,Daniel	*250101	*680102	*1523	*550101	*030301/20N	*0712	RSSOP,SSP,SBT
3625	Darke,Christ	*25	*68	*1518/23/51/72+	*55	*0303	*0704/12	PCR-SSP
1108	Davis,Mary	*2501	*6801	*1523	*5501	*0303	*0712	SSO,SSP
5891	Du,Keming	*250101/02	*680102/0301	*1523	*550101			PCR-SBT
3186	Dunckley,Hea	*25	*68	*1523/*9515	*55	*0303/11-13/18+	*07	
3766	Dunn,Paul	*2501/02/05	*68	*1523	*5501/03/05/15	*0303/30	*0712	PCR-SSP,SSO
3428	Eckels/Utah	*25	*68	*1523	*55			SSOP
4251	Ellis,Thomas	*2501	*6801/11N	*1523	*5501	*0303/20N	*0712	PCR-SSO,SEQ
762	Fischer&Mayr	*2501	*6801	*1523	*5501	*0303	*0704/11	RSSO,SBTex1-3
729	Fotino,Maril	*2501	*6801	*1523	*5501	*0303	*0712	SSP
1461	Hidajat,Mela	*2501	*6801	*1523	*5501	*0303	*0712	
615	Holdsworth,R	*25	*68/*02	*15	*55			SSP
2344	Hurley&Hartz	*250101	*680102/11N/33	*1523	*550101/0103	*030301/20N	*0712	SBT,SSOP
3261	Iwaki,Yui	*2501	*6801	*1523	*5501/02	*0303	*0712	SSP
797	Kato,Shunich	*2501/02	*6801/03/11N	*1523	*5501	*0303	*0712	SSO,SBT
87	Land,Geoff	*2501	*6801	*1523	*5501/02	*0303	*0712	SBT,SSP
278	Lee,Jar-How	*2501/05	*6801/21/32/33	*1523	*5501/15	*0303	*0712	SSP,RVSSOP
640	Lee,Kyung Wh	*2501	*6801/11N	*1523	*5501	*0303	*0712	PCR-SBT
9916	McIntyre,Joh	*250101	*680102	*1523	*550101	*0303/30	*0712	SBT,SSP,SSO
8021	Montague,Bri	*250101	*6801/02/06/07+	*1518/23/51/72	*550101-0103+	*0303/11-13/18+	*0704/11/12	PCR-SSP
5323	Murad,Shahna	*25	*68	*1523	*55	*0303	*07	PCR-SSP
5107	Noche,Olivia	*250101/0102	*680101-0104	*1523	*5501-0103	*030301-0304	*0712	SSP
8000	Pahl,Armin	*25	*68	*15	*55			SSO
5096	Park,Jong-Su	*25	*68	*15	*55			RVSSOP
3648	Pereira,Noem	*25	*68	*15	*55	*03	*07	RVPCR-SSO
2400	Phelan,Donna	*2501	*6801	*1523	*5501	*0303	*0704	RVSSO,SSP
4689	Rajczy&Gyodi	*2501/02/05	*68	*1523	*5501/05/15	*03	*0704/11/12/45	PCR-SSP,SSO
3753	Reed,Elaine	*2501/02	*6801/03/11N	*1523	*5501	*0303/20N	*0712	SBT
782	Richard,Luc	*25	*68	*15	*55	*03	*07	SSO,SSP
1694	Sauer,Norber	*25	*68	*15	*55	*03	*07	SSP
3545	Scornik,Juan	*2501	*680102/11N	*1523	*550101	*030301/20N	*0712	SSOP,SBT
8042	Shainberg,Br	*2501	*6801	*1523	*5501	*0303	*0712	
735	Smith/MI	*2501	*6801/11N	*1523	*5501	*0303/20N	*0712	SEQ,SSP,RSSO
740	Snider,Denis	*2501	*6801	*1523	*5513	*0303	*0712	SSP
746	Stamm,Luz	*2501	*6801	*1523	*5501	*0303	*0712	RVSSOP,SSP
13	Tagliere,Jac	*2501	*6801	*1523/*9515	*5501	*0303	*0712	SSP
5462	Turner,E.V.	*2501	*6801/23	*1523	*5501	*0303	*0712	SSP
3135	Wernet,Peter	*2501	*6801	*1523	*5501	*0303/20N	*0712	SBT,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #398 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020601	*0211	*3905	*4802	*040101/09N	*070201	RSSO,SSP,SBT
2300	Allegheny Ge	*02		*39	*48	*04	*07	SSP
745	Anthony Nola	*020601	*0211	*3905	*4802	*0401	*0702	SSO,SSP,SBT
105	Ball,Edward	*0206/*9206	*0211	*39	*4802	*0401	*0702/29/42/46+	PCR-SSP
2020	Barnardo,Mar	*020601	*0211/69	*3905	*4802	*04010101/04/09N	*0702/37	SSP,SBT
4345	Blasczyk,Rai	*0206	*0211/69	*3905	*4802	*0401/09N	*0702	PCR-SBT
5106	Brown,Colin	*02	*02	*3901/05/11/18+	*4802	*0401/05/08/09N+	*0702/03/10/17+	PCR-SSO,SSP
785	Chan,Soh Ha	*0206	*0211/69	*3905	*4802	*0401/04/09N	*0702/37	SBT
3224	Chen,Dongfen	*0206	*0211	*3905	*4802	*0401/09N	*0702	SBT,SSO
3966	Chongolwatan	*0206	*0211	*39	*4802	*0401	*0702	PCR-SSP
16	Cook,Daniel	*020601	*0211	*3905	*4802	*040101	*070201	RSSOP,SSP,SBT
3625	Darke,Christ	NT						PCR-SSP
1108	Davis,Mary	*0206	*0211	*3905	*4802	*0401	*0702	SSO,SSP
5891	Du,Keming	*020601	*0211	*3905	*4802			PCR-SBT
3186	Dunckley,Hea	*02		*39	*4802	*04	*07	
3766	Dunn,Paul	*02	*0211/69	*39	*4802	*04	*07	PCR-SSP,SSO
3428	Eckels/Utah	*02	*02	*39	*4802			SSOP
4251	Ellis,Thomas	*0206	*0211	*3905	*4802	*0401/09N	*0702	PCR-SSO,SEQ
762	Fischer&Mayr	*0206	*0211/69	*3905	*4802	*0401/09N	*0702	RSSO,SBTex1-3
729	Fotino,Maril	*0206	*0211	*3905	*4802	*0401/02/12/14+	*0702/23/25/29+	SSP
1461	Hidajat,Mela	*0206	*0211	*3905	*4802	*0401	*0702	
615	Holdsworth,R	*02	*02	*39	*48			SSP
2344	Hurley&Hartz	*020601/*9226	*0211/69	*3905	*4802	*04010101/010102+	*07020101-020103	SBT,SSOP
3261	Iwaki,Yui	*0206	*0211	*3905	*4802	*0401	*0702	SSP
797	Kato,Shunich	*0206	*0211	*3905	*4802	*0401/09N	*0702	SSO,SBT
87	Land,Geoff	*0206	*0211/69	*3905	*4802	*0401	*0702	SBT,SSP
278	Lee,Jar-How	*0206/72/79/91	*0211/69/90	*3905/27	*4802	*0401/19/20	*0702/32N	SSP,RVSSOP
640	Lee,Kyung Wh	*0206	*0211/69	*3905	*4802	*0401/09N	*0702	PCR-SBT
9916	McIntyre,Joh	*020601	*0211	*3905	*4802	*0401/20/24-26	*0702/46-48	SBT,SSP,SSO
8021	Montague,Bri	*02		*3901/05/09/11+	*4802	*0401/03-10/12+	*0702/03/10/15+	PCR-SSP
5323	Murad,Shahna	*02		*39		*04	*07	PCR-SSP
5107	Noche,Olivia	*020601-0603	*0211/69	*3905	*4802	*04010101-0104	*07020101-020103	SSP
8000	Pahl,Armin	*02		*39	*48			SSO
5096	Park,Jong-Su	*02	*02	*39	*48			RVSSOP
3648	Pereira,Noem	*02		*39	*48	*04	*07	RVPCR-SSO
2400	Phelan,Donna	*0206	*0211	*3905	*4802	*0401	*0702	RVSSO,SSP
4689	Rajczy&Gyodi	*02		*3905/11/27	*4802	*04	*07	PCR-SSP,SSO
3753	Reed,Elaine	*0206	*0211	*3905	*4802	*0401/04/09N	*0702/37	SBT
782	Richard,Luc	*02	*02	*39	*48	*04	*07	SSO,SSP
1694	Sauer,Norber	*02		*39	*48	*04	*07	SSP
3545	Scornik,Juan	*020601	*0211	*3905	*4802	*0401/09N	*0702	SSOP,SBT
8042	Shainberg,Br	*0206	*0211	*3901/05	*4802	*0401	*0702	
735	Smith/MI	*0206	*0211	*3905	*4802	*0401	*0702	SEQ,SSP,RSSO
740	Snider,Denis	*0206	*0211	*3905	*4802	*0401	*0702	SSP
746	Stamm,Luz	*0206	*0211	*3905	*4802	*0401	*0702	RVSSOP,SSP
13	Tagliere,Jac	*0206	*0211	*3905	*4802	*0401	*0702	SSP
5462	Turner,E.V.	*0201/11/69		*3905	*4802	*0401	*0702	SSP
3135	Wernet,Peter	*0206	*0211	*3905	*4802	*0401/09N	*0702	SBT,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #399 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*0211	*300201	*350401	*570301	*040101/09N	*0701/06/18	RSSO,SSP,SBT
2300	Allegheny Ge	NT						
745	Anthony Nola	*0211	*300201	*3504	*5703	*0401	*0701	SSO,SSP,SBT
105	Ball,Edward	*0211	*3002/09	*3504/09	*5703	*0401	*0701/44	PCR-SSP
2020	Barnardo,Mar	*0211/69	*3002	*350401	*570301	*04010101/09N	*0701/06/18	SSP,SBT
4345	Blasczyk,Rai	*0211/69	*3002	*3504	*5703	*0401/09N	*0701/06/18	PCR-SBT
5106	Brown,Colin	*0211/69/90	*3002/10/12	*35	*5703	*0401/05/08/09N+	*0701/05/06/08+	PCR-SSO,SSP
785	Chan,Soh Ha	*0211/69	*3002	*350401	*570301	*0401/09N	*0701/06/18	SBT
3224	Chen,Dongfen	*0211	*3002	*3504	*5703	*0401/09N	*0701/06/18	SBT,SSO
3966	Chongolwatan	*0211	*30	*35	*57	*0401	*0701/06	PCR-SSP
16	Cook,Daniel	*0211	*300201	*350401	*570301	*040101	*070101	RSSOP,SSP,SBT
3625	Darke,Christ	*02	*30	*35	*57	*0401/04	*0701/27	PCR-SSP
1108	Davis,Mary	*0211	*3002	*3504	*5703	*0401	*0701	SSO,SSP
5891	Du,Keming	*0211	*300201	*350401	*570301			PCR-SBT
3186	Dunckley,Hea	*02	*30	*35	*57	*04	*07	
3766	Dunn,Paul	*0211/69	*3002/10/12	*3504	*5703	*04	*07	PCR-SSP,SSO
3428	Eckels/Utah	*0211/69	*3002/10/12	*35	*57			SSOP
4251	Ellis,Thomas	*0211	*3002	*3504	*5703	*0401/09N	*0701/06/18	PCR-SSO,SEQ
762	Fischer&Mayr	*0211/69	*3002	*3504	*5703	*0401/09N	*0701/06	RSSO,SBTex1-3
729	Fotino,Maril	*0211	*3002	*3504	*5703	*0401/02/12/14+	*0701	SSP
1461	Hidajat,Mela	*0211	*3002	*3504	*5703	*0401	*0701	
615	Holdsworth,R	*02	*30	*35	*57			SSP
2344	Hurley&Hartz	*0211/69	*300201/0202	*350401	*570301	*04010101/010102+	*070101/0102/06+	SBT,SSOP
3261	Iwaki,Yui	*0211	*3002	*3504	*5703	*0401	*0701	SSP
797	Kato,Shunich	*0211	*3002	*3504	*5703	*0401/09N	*0701/06/18	SSO,SBT
87	Land,Geoff	*0211/69	*3002	*3504	*5703	*0401	*0701	SBT,SSP
278	Lee,Jar-How	*0211/69	*3002	*3504	*5703	*0401/19/20	*0701/21/24/36	SSP,RVSSOP
640	Lee,Kyung Wh	*0211/69	*3002	*3504	*5703	*0401/09N	*0701/06/18	PCR-SBT
9916	McIntyre,Joh	*0211	*300201	*350401	*570301	*0401/20/24-26	*0701	SBT,SSP,SSO
8021	Montague,Bri	*0202/03/05/08+	*3001-0202/08-10+	*3501-0401/06+	*5701-04/06/10	*0401/03-10/12+	*0701/06/07/09+	PCR-SSP
5323	Murad,Shahna	*02	*30	*35	*57	*04	*07	PCR-SSP
5107	Noche,Olivia	*0211/69	*300201-0203	*3504	*570301/0302	*04010101-0104	*070101-0104	SSP
8000	Pahl,Armin	*02	*30	*35	*57			SSO
5096	Park,Jong-Su	*02	*30	*35	*57			RVSSOP
3648	Pereira,Noem	*02	*30	*35	*57	*04	*07	RVPCR-SSO
2400	Phelan,Donna	*0211	*3002	*3504	*5703	*0401	*0701	RVSSO,SSP
4689	Rajczy&Gyodi	*02	*30	*35	*5701/03	*04	*07	PCR-SSP,SSO
3753	Reed,Elaine	*0211	*3002	*3504	*5703	*0401/09N	*0701/06/18	SBT
782	Richard,Luc	*02	*30	*35	*57	*04	*07	SSO,SSP
1694	Sauer,Norber	*02	*30	*35	*57	*04	*07	SSP
3545	Scornik,Juan	*0211	*3002	*350401	*570301	*0401/09N	*0701/06/18	SSOP,SBT
8042	Shainberg,Br	*0211	*3002	*3504	*5703	*0401	*0701	
735	Smith/MI	*0211	*3002	*3504	*5703	*0401	*0701	SEQ,SSP,RSSO
740	Snider,Denis	*0211	*3002	*3504	*5703	*0401	*0701	SSP
746	Stamm,Luz	*0211	*3002	*3504/09	*5703	*0401	*0701	RVSSOP,SSP
13	Tagliere,Jac	*0211	*3001	*3504	*5703	*0401	*0701	SSP
5462	Turner,E.V.	*0211/69	*3002	*3504	*5703	*0401	*0701	SSP
3135	Wernet,Peter	*0211	*3002	*3504	*5703	*0401/09N	*0701/06/18	SBT,SSO,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #400 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*010101	*7401/02	*1503/*9503	*8201	*0210	*0302	RSSO,SSP,SBT
2300	Allegheny Ge	NT						
745	Anthony Nola	*0101	*7401	*1503	*8201	*0210	*0302	SSO,SSP,SBT
105	Ball,Edward	*0101/04N/22N-24	*74	*1503/*9527	*8201/02	*02	*0303/33/36	PCR-SSP
2020	Barnardo,Mar	*0101/04N	*7401/02	*1503	*8201	*0210	*0302	SSP,SBT
4345	Blasczyk,Rai	*0101/01N/04N/22N	*7401/02	*1503/*9503	*8201	*0210	*0302	PCR-SBT
5106	Brown,Colin	*0103	*0305	*1503/61/74/98+	*8201/02	*0202/10	*0302/06	PCR-SSO,SSP
785	Chan,Soh Ha	*0101/04N/15N	*7401/02/12N	*1503/*9503	*8201	*0210	*0302	SBT
3224	Chen,Dongfen	*0101	*7401	*1503/*9503	*8201	*0210	*0302	SBT,SSO
3966	Chongolwatan	*01	*74	*1503	*8201	*0202	*0302	PCR-SSP
16	Cook,Daniel	*010101	*7401	*1503/*9503	*8201	*0210	*030202	RSSOP,SSP,SBT
3625	Darke,Christ	NT						PCR-SSP
1108	Davis,Mary	*0101	*7401	*1503	*8201	*0210	*0302	SSO,SSP
5891	Du,Keming	*010101	*7401/02	*1503	*8201			PCR-SBT
3186	Dunckley,Hea	*01	*74	*1503/61/62/74+	*82	*02	*0302/33/40	SSP
3766	Dunn,Paul	*01	*7401/02/09/11	*1503/*9503	*8201	*02	*03	PCR-SSP,SSO
3428	Eckels/Utah	*01	*74	*1503/*9503	*8201			SSOP
4251	Ellis,Thomas	*0101	*7401/02	*1503	*8201	*0210	*0302	PCR-SSO,SEQ
762	Fischer&Mayr	*0101	*7401	*1503	*8201	*0210	*0302	RSSO,SBTex1-3
729	Fotino,Maril	*0101	*7401	*1503	*8201	*020205/10/12/14+	*0302	SSP
1461	Hidajat,Mela	*0101	*7401	*1503/*9503/*15n	*8201/02	*0210	*0302	
615	Holdsworth,R	*01	*74	*15	*56/*82			SSP
2344	Hurley&Hartz	*01010101/010102N+	*7401/02	*1503/*9503	*8201	*0210	*030201-0203	SBT,SSOP
3261	Iwaki,Yui	*0101	*7401	*1503	*8201	*0210	*0302	SSP
797	Kato,Shunich	*0101	*7401/02	*1503	*8201	*0202	*0302	SSO,SBT
87	Land,Geoff	*0101	*7401	*1503	*8201	*0210	*0302	SBT,SSP
278	Lee,Jar-How	*0101/02N/11N+	*7401	*1503/*9503	*8201	*0202/10/14	*0302	SSP,RVSSOP
640	Lee,Kyung Wh	*0101/04N	*7401/02	*1503	*8201	*0210	*0302	PCR-SBT
9916	McIntyre,Joh	*01010101	*7401	*1503	*8201	*0210	*0302/33/36	SBT,SSP,SSO
8021	Montague,Bri	*0101/02/04N/06+	*7401-05/07-09+	*1503/47/49/54+	*8201/02	*0202/04-14	*0302/04-06/08+	PCR-SSP
5323	Murad,Shahna	*01	*74	*1503/95	*82	*02	*(Cw10)	PCR-SSP
5107	Noche,Olivia	*01010101/0102/0103	*7401	*1503	*8201	*020201-0205/10+	*030201/0202	SSP
8000	Pahl,Armin	*01	*74	*15	*82			SSO
5096	Park,Jong-Su	*01	*74	*15	*82			RVSSOP
3648	Pereira,Noem	*01	*74	*15	*82	*02	*03	RVPCR-SSO
2400	Phelan,Donna	*0101	*74	*1503	*8201/02	*0210	*0302	RVSSO,SSP
4689	Rajczy&Gyodi	*01	*74	*1503/98	*8201/02	*0206/10/14	*0302/05/25/33+	PCR-SSP,SSO
3753	Reed,Elaine	*0101	*7401/02	*1503/*9503	*8201	*0210	*0302	SBT
782	Richard,Luc	*01	*74	*15	*82	*02	*03	SSO,SSP
1694	Sauer,Norber	*01	*74	*15	*82	*02	*03	SSP
3545	Scornik,Juan	*0101	*7401/02	*1503/*9503	*8201	*0210	*0302	SSOP,SBT
8042	Shainberg,Br	*0101	*7401	*1503	*8202	*0202	*0302	
735	Smith/MI	*0101	*7402	*1503/*9503	*8201	*0210	*0302	SEQ,SSP,RSSO
740	Snider,Denis	*0101	*7401	*1503	*8201	*0210	*0302	SSP
746	Stamm,Luz	*0101	*7401	*1503	*8201	*0210	*0302	RVSSOP,SSP
13	Tagliere,Jac	*0101	*7401	*1503	*8201	*0210	*0302	SSP
5462	Turner,E.V.	*0101	*7401/11/12N	*1503/*9503	*8201	*0202	*0302	SSP
3135	Wernet,Peter	*0101/01N	*7401	*1503	*8201	*0210	*0302	SBT,SSO,SSP

SUMMARY

Extract 397 (Caucasian)

48 labs

A*25	25%
A*2501/02/05	6%
A*2502/02	6%
A*250101/02	4%
A*2501/05	4%
A*2501	46%
A*250101	9%
A*25	100% TOTAL
A*68	54%
A*6801/11N	9%
A*680102/11N	2%
A*6801	29%
A*680102	4%
A*68	98% TOTAL

48 labs

B*15	23%
B*1523	77%
B*15	100% TOTAL
B*55	40%
B*5501	46%
B*550101	10%
B*5513	2%
B*55	98% TOTAL

43 labs

Cw*03	25%
Cw*0303/20N	16%
Cw*030301/20N	12%
Cw*0303	47%
Cw*03	100% TOTAL
Cw*07	28%
Cw*0704	2%
Cw*0712	70%
Cw*07	100% TOTAL

Extract 398

47 labs

A*02	38%
A*0206	47%
A*020601	15%
A*02	100% TOTAL
A*02	32%
A*0211/69	19%
A*0211	49%
A*02	100% TOTAL

47 labs

B*39	38%
B*3905	62%
B*39	100% TOTAL
B*48	15%
B*4802	83%
B*48	98% TOTAL

42 labs

Cw*04	36%
Cw*0401/09N	21%
Cw*040101/09N	5%
Cw*0401	36%
Cw*040101	2%
Cw*04	100% TOTAL
Cw*07	40%
Cw*0702	55%
Cw*070201	5%
Cw*07	100% TOTAL

Extract 399 (Caucasian)

47 labs

A*02	26%
A*0211/69	25%
A*0211	49%
A*02	100% TOTAL
A*30	34%
A*3001	2%
A*3002	53%
A*300201	11%
A*30	100% TOTAL

46 labs

B*35	34%
B*3504	49%
B*350401	17%
B*35	100% TOTAL
B*57	28%
B*5703	55%
B*570301	17%
B*57	100% TOTAL

42 labs

Cw*04	31%
Cw*0401/09N	24%
Cw*040101/09N	5%
Cw*04010101/09N	2%
Cw*0401	36%
Cw*040101	2%
Cw*04	100% TOTAL
Cw*07	28%
Cw*0701/06/18	28%
Cw*0701/06	5%
Cw*0701	36%
Cw*070101	3%
Cw*07	100% TOTAL

Extract 400

46 labs

A*01	43%
A*0101	46%
A*010101	7%
A*01010101	2%
A*0103	2%
A*01	100% TOTAL
A*74	37%
A*7401/02	22%
A*7401	37%
A*7402	2%
A*74	98% TOTAL

46 labs

B*15	28%
B*1503/*9503	28%
B*1503	44%
B*15	100% TOTAL
B*82	28%
B*8201	68%
B*8202	2%
B*82	98% TOTAL

41 labs

Cw*02	32%
Cw*0202	10%
Cw*0210	58%
Cw*02	100% TOTAL
Cw*03	27%
Cw*0302	71%
Cw*030202	2%
Cw*03	* TOTAL

INVESTIGATOR	CELL NO.1309 (Korean)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*0201	*2602	*5801	*6701	*0303	*0702	SSO,SSP,SBT
2020 Barnardo,Mar	*0201/43N/66/75+	*2602	*5801/10N/11	*670102	*0303/13/20N	*0702/10	SSP,SBT
5106 Brown,Colin	*0201/09/43N/66+	*2602	*5801/04/11	*6701	*0303/11/13/20N+	*0702/10/17/19+	PCR-SSO,SBT
5232 Charlton,Ron	*0201	*2602	*5801	*6701	*0303	*0702	SSP
4492 Charron,D.	*02	*26	*58	*67			PCR-SSO
798 Claas,F.H.J.	*0201	*2602	*5801	*6701	*0303	*0702	RLB,SBT,SSP
3632 Colombe,Beth	*0201	*2602	*5801	*6701	*0303	*0702	SSP
16 Cook,Daniel	*020101	*2602	*5801	*670102	*030301/20N//*0313	*070201//*0710	RSSO,SSP,SBT
5130 Costeas,Paul	*0201/31	*2602	*5801/10N	*6701	*0303/1102	*0702	SSP
3625 Darke,Christ	*02	*26	*58	*6701	*0303	*0702	PCR-SSP
4269 Dormoy,Anne	*020101	*2602	*5801	*670102	*0303/20N	*070201	PCR-SSP,SBT
3186 Dunckley,Hea	*02	*26	*58	*67	*0303/11-13/18+	*07	SSP
3766 Dunn,Paul	*02	*2602	*58	*6701	*03	*07	SSO
856 Dupont,Bo	*0201+	*2622/32	*5801/04/11	*6701	*0303/11/13/20N+	*0703/32N	
5214 Eckels/CPMC	*02	*2602	*58	*6701	*03(Cw9)	*07	SSO
4251 Ellis,Thomas	*0201	*2602	*5801	*6701	*0303/20N	*0702	PCR-SSO,SEQ
762 Fischer&Mayr	*0201/09	*2602	*5801/11	*6701	*0303	*0702	SSP,RVSSO,SBT
729 Fotino,Maril	*0201	*2602	*5801	*6701	*0303	*0702/23/25/29+	SSP
3808 Hogan,Patric	*02	*26	*5801/04/05/09+	*6701	*0303/11-13/18+	*0702/03/10/13+	SSP
771 Israel,Shosh	*0201	*2601	*5801	*6701	*0303	*0702	RVSS0,SSP
859 Kamoun,Malek	*0201	*2602	*5801	*6701	*0303	*0702	
4337 Kim,Tai-Gyu	*0201	*2602	*5801	*6701	*0303	*0702	SBT
168 Klein,Tirza	*0201	*2602	*5801	*6701	*0303	*0702	PCR-SSO,SSP
278 Lee,Jar-How	*0201/0102L/66+	*2602	*5801/10N/11/13	*6701	*0303/20N/22Q	*0702	SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18+	*2602	*5801/11/13	*6701	*0303/11+	*07	RVSSO
731 Loewenthal,R	*020101	*2602	*5801	*670102	*030301	*070201	
8029 Mani,Rama	*02	*26	*58	*67			SSP
792 Moore,S.Brea	*02	*26	*58	*67	*03(Cw9)	*07	PCR-SSO
733 Mytilineos,J	*02	*2602	*58	*6701	*03	*07	SSO
774 Paik,Young	*0201/24/40/66+	*26	*58	*6701	*0303/11/22Q/30/31	*07	SSP,SSOP
8001 Pancoska,Car	*02	*26	*58	*67	*0303/11/13/20N+	*07	SSP,SSOP
4336 Park,Myoung	*02	*26	*5801/04/11	*6701	*03	*07	RVSSO
4689 Rajczy&Gyodi	*0201/11/34/69/90	*26	*5801/02/11	*6701	*0303/12/13/30	*07	PCR-SSO
5200 Reinke,Dennis	*02	*26	*58	*67	*03(Cw9)	*07	SSP
1160 Rosen-Bronso	*02	*26	*58	*67	*03	*07	RVSSO
793 Rubocki,Ron	*02	*26	*58	*67	*03(Cw9)	*07	SSP
4948 Sage,Deborah	*0201/01L/07/09+	*2602	*5801/10N/11/13	*6701	*0303/13/20N/22Q	*0702/10/32N+	
4744 Satake,Masah	*020101	*2602	*5801	*670102			SBT
3904 Stewart,Dod	*02	*26	*58	*67	*0303/11/13	*07	PCR-SSP
769 Tavoularis,S	*0201/01L	*2602	*5801	*6701	*0303/20N	*0702	SSO,SSP,SBT
5462 Turner,E.V.	*02	*2602	*5801	*6701	*0303	*0702	SSP,SSO
5451 Van den Berg-	*020101	*2602	*5801	*670102	*030301	*070201	SBT
705 Watkins,Davi	*0201+/*9201+	*2601+	*5801/02/04-06/09+	*670101/0102	*0303+/13	*0702+/10	
1466 Yu_Neng/ARC	*0201/43N/66/75+	*2602	*5801	*670102	*0303/20N	*0702	SSOP,SSP,SBT

INVESTIGATOR	CELL NO.1310 (Hispanic)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*0201	*3001	*1302	*1515	*0102	*0602	SSO,SSP,SBT
2020 Barnardo,Mar	*0201/09/43N+//90	*3001//16	*130201	*1515	*0102/09	*0602	SSP,SBT
5106 Brown,Colin	*02	*3001/14L/16/18+	*1302/08	*1511/15	*0102/06-09/11	*0602/06/07/10+	PCR-SSO,SBT
5232 Charlton,Ron	*0201	*3001	*1302	*1515	*0102	*0602	SSP
4492 Charron,D.	*02	*30	*13	*15			PCR-SSO
798 Claas,F.H.J.	*0201	*3001	*1302	*1515	*0102	*0602	RLB,SBT,SSP
3632 Colombe,Beth	*0201	*3001	*1302	*1515	*0102	*0602	SSP
16 Cook,Daniel	*020101	*300101	*130201	*1515	*0102	*060201	RSSO,SSP,SBT
5130 Costeas,Paul	*0201/82N/88N	*3001	*1302	*1515	*0102	*0602	SSP
3625 Darke,Christ	*02	*30	*13	*1508/15/28/56+	*0102	*0602	PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*02	*30	*13	*1508/11/15	*01	*06	SSP
3766 Dunn,Paul	*02	*30	*1302	*1515	*01	*06	SSO
856 Dupont,Bo	*0201+	*3001/14L/16/18+	*1302/08	*1511/15	*0102/06-09/11	*0602/07/10/12+	
5214 Eckels/CPMC	*02	*30	*1302	*1515	*01	*06	SSO
4251 Ellis,Thomas	*0201	*3001	*1302	*1515	*0102/09	*0602/06	PCR-SSO,SEQ
762 Fischer&Mayr	*0201/09	*3001	*1302	*1515	*0102/09	*0602/06	SSP,RVSSO,SBT
729 Fotino,Maril	*0201	*3001	*1302/14-16	*1515	*0102	*0602	SSP
3808 Hogan,Patric	*02	*30	*1302/03/08/14-16+	*1515	*0102-16/18/19	*0602-04/06-16N	SSP
771 Israel,Shosh	*0201	*3001	*1302	*1515	*0102	*0602	RVSSO,SSP
859 Kamoun,Malek	*0201	*3001	*1302	*1515	*0102	*0602	
4337 Kim,Tai-Gyu	*0201	*3001	*1302	*1515	*0102	*0602	SBT
168 Klein,Tirza	*0201	*3001	*1302	*15	*0102	*0602	PCR-SSO,SSP
278 Lee,Jar-How	*0201/0102L/66+	*3001/14L-16	*1302	*1515	*0102/11	*0602/10/12/13	SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18+	*3001/15/16	*1302	*1515	*01	*06	RVSSO
731 Loewenthal,R	*020101	*300101	*130201	*1515	*010201	*060201	
8029 Mani,Rama	*02	*30	*13	*15			SSP
792 Moore,S.Brea	*02	*30	*13	*15(B62)	*01	*06	PCR-SSO
733 Mytilineos,J	*02	*30	*1302	*1515	*01	*06	SSO
774 Paik,Young	*0201/24/66/92+	*30	*13	*1508/11/15	*01	*06	SSP,SSOP
8001 Pancoska,Car	*02	*30	*13	*1515	*01	*06	SSP,SSOP
4336 Park,Myoung	*02	*3001/14L/15	*1302/08	*1511/15	*01	*06	RVSSO
4689 Rajczy&Gyodi	*02	*30	*1302/08	*1515	*01	*06	PCR-SSO
5200 Reinke,Dennis	*02	*30	*13	*15(B75)	*01	*06	SSP
1160 Rosen-Bronso	*02	*30	*1302	*1515	*01	*06	RVSSO
793 Rubocki,Ron	*02	*30	*13	*15	*01	*06	SSP
4948 Sage,Deborah	*0201/01L/07/09+	*3001/14L/15/17	*1301	*1511/15	*0102/06-09+	*0602/06/07/12+	
4744 Satake,Masah	*020101	*300101	*130201	*1515			SBT
3904 Stewart,Dod	*02	*30	*13	*1515	*01	*06	PCR-SSP
769 Tavoularis,S	*0201/01L	*3001	*1302	*1515	*0102	*0602	SSO,SSP,SBT
5462 Turner,E.V.	*02	*3001	*1302	*1515	*0102	*0602/12	SSP,SSO
5451 Van den Berg-	*020101	*300101	*130201	*1515	*0102	*060201	SBT
705 Watkins,Davi	*0201+/*9201+	*300101-04/06-19	*1301+/07N	*1501+/0104/15+	*0102+	*0602+	
1466 Yu_Neng/ARC	*0201/43N/66/75+	*3001	*130201	*1515	*0102	*0602	SSOP,SSP,SBT

INVESTIGATOR	CELL NO.1311 (Chinese)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*0207	*24020102L	*0801	*5801	*0302	*0702	SSO,SSP,SBT
2020 Barnardo,Mar	*0207/15N	*2402/40N	*0801/11/14/15/18+	*5801/04/11/13	*0302	*070201	SSP,SBT
5106 Brown,Colin	*0207	*2402	*0801/08N/10/11+	*5801/04/05/11	*0302/06/14/16	*0702/03/10/17+	PCR-SSO,SBT
5232 Charlton,Ron	*0207	*2402	*0801	*5801	*0302	*0702	SSP
4492 Charron,D.	*0207/15	*24020102L	*0801/33	*5801/10/14	*0302	*0702/42/46-48	PCR-SSP
798 Claas,F.H.J.	*0207	*2402	*0801	*5801	*0302	*0702	RLB,SBT,SSP
3632 Colombe,Beth	*0207	*2402	*0801	*5801	*0302	*0702	SSP
16 Cook,Daniel	*0207	*24020102L	*080101	*5801	*0302	*070201	RSSO,SSP,SBT
5130 Costeas,Paul	*0207	*24020102L	*0801/24	*5801	*0302	*0702	SSP
3625 Darke,Christ	*02	*24020102L	*08	*58	*0302	*0702	PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*02	*24	*08	*58	*0302/33/40	*07	SSP
3766 Dunn,Paul	*02	*2402L	*08	*58	*03	*07	SSO
856 Dupont,Bo	*0207/15N/18	*2402+	*0801	*5801/04/05/11	*0302/06/14	*0702/03/10/17+	RVSSO
5214 Eckels/CPMC	*02	*2402L	*08	*58	*03(Cw10)	*07	SSO
4251 Ellis,Thomas	*0207	*24020102L	*0801	*5801	*0302	*0702	PCR-SSO,SEQ
762 Fischer&Mayr	*0207/15N	*2402	*0801	*5801/11	*0302	*0702	SSP,RVSSO,SBT
729 Fotino,Maril	*0207	*24020102L	*0801	*5801	*0302	*0702/23/25/29+	SSP
3808 Hogan,Patric	*02	*24	*08	*5801/04/05/09+	*0302/04/05/10/17+	*0702/03/10/13+	SSP
771 Israel,Shosh	*0207	*24020102L	*0801	*5801	*0302	*0702	RVSSO,SSP
859 Kamoun,Malek	*0207	*2402	*0801	*5801	*0302	*0702	
4337 Kim,Tai-Gyu	*0207/15N	*2402/09N	*0801	*5801	*0302	*0702	SBT
168 Klein,Tirza	*02	*2402	*08	*58	*03	*07	PCR-SSO,SSP
278 Lee,Jar-How	*0207	*24020102L	*0801/22/24/30N	*5801/10N/11/13	*0302	*0702/29/39	SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18+	*2402L	*0801/15/18/22/24	*5801/11/13	*0302/05+	*07	RVSSO
731 Loewenthal,R	*0207	*240201	*080101	*5801	*0302	*070201	
8029 Mani,Rama	*02	*24	*08	*58			SSP
792 Moore,S.Brea	*02	*24	*08	*58	*03(Cw10)	*07	PCR-SSO
733 Mytilineos,J	*02	*24	*08	*58	*03	*07	SSO
774 Paik,Young	*0207	*24020102L	*08	*58	*0302/04/23-29/33+	*07	SSP,SSOP
8001 Pancoska,Car	*02	*24	*08	*58	*0302/05/25/27	*07	SSP,SSOP
4336 Park,Myoung	*02	*24	*08	*5801/04/05/11	*03	*07	RVSSO
4689 Rajczy&Gyodi	*02	*24020102L	*0801/18/24/27	*5801/02/05/11	*0302/05/25/33/35	*07	PCR-SSO
5200 Reinke,Dennis	*02	*24	*08	*58	*03(Cw10)	*07	SSP
1160 Rosen-Bronso	*02	*2402L	*08	*58	*03	*07	RVSSO
793 Rubocki,Ron	*02	*24	*08	*58	*03(Cw10)	*07	SSP
4948 Sage,Deborah	*0201/01L/07/09+	*2402/02L/03/08+	*0801/08N/18/19N+	*5801/10N/11/13	*0302/06/33	*0702/10/32N+	
4744 Satake,Masah	*0207	*24020102L	*080101	*5801			SBT
3904 Stewart,Dod	*02	*24	*08	*58	*0302/04-10	*07	PCR-SSP
769 Tavoularis,S	*0207	*2402L	*0801	*5801	*0302/40	*0702	SSO,SSP,SBT
5462 Turner,E.V.	*0207	*2402	*0801	*5801	*0302	*0702/38	SSP,SSO
5451 Van den Berg-	*0207	*24020102L	*080101	*5801	*0302	*070201	SBT
705 Watkins,Davi	*0201+/*9201+	*2402+	*0801+	*5801/02/04-06+	*0302+	*0702+	
1466 Yu_Neng/ARC	*0207/15N	*2402/02L/09N+	*080101/19N	*5801	*0302	*0702	SSOP,SSP,SBT

CTR	INVESTIGATOR NAME	CELL NO.1312 (Hispanic) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*0201	*0301	*1801	*3512	*0401	*0701	SSO,SSP,SBT
2020	Barnardo,Mar	*0201/09/26/43N+	*0301/07/20/21N	*1801/17N	*3512	*04010101/09N	*0701/06/18	SSP,SBT
5106	Brown,Colin	*02	*03	*1801/03/05/08/15+	*3502/04/09/12	*0401/05/08/09N+	*0701/05/06/08+	PCR-SSO,SBT
5232	Charlton,Ron	*0201	*0301	*1801	*3501	*0401	*0701	SSP
4492	Charron,D.	*0201/31/*9207/09	*0301/27/28	*1801/23-25	*3512	*0401/19-21/24-26	*0701/44	PCR-SSP
798	Claas,F.H.J.	*0201	*0301	*1801	*3512	*0401	*0701	RLB,SBT,SSP
3632	Colombe,Beth	*0201	*0301	*1801	*3512	*0401	*0701	SSP
16	Cook,Daniel	*020101	*030101	*180101/17N	*3512	*040101	*070101	RSSO,SSP,SBT
5130	Costeas,Paul	*0201	*0301	*1801/17N	*3512	*0401	*0701/24	SSP
3625	Darke,Christ	*02	*03	*18	*35	*0401	*0701/24	PCR-SSP
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*02	*03	*18	*35	*04	*07	SSP
3766	Dunn,Paul	*02	*03	*18	*3512	*04	*07	SSO
856	Dupont,Bo	*0201+	*030104/23	*1801/03/05/08/15	*3502/04/09/12	*0401+	*0701/05/06/16+	
5214	Eckels/CPMC	*02	*03	*18	*3512	*04	*07	SSO
4251	Ellis,Thomas	*0201	*0301	*1801/17N	*3512	*0401/09N	*0701/06/18	PCR-SSO,SEQ
762	Fischer&Mayr	*0201/09	*0301	*1801/17N	*3512	*0401/09N	*0701/06	SSP,RVSSO,SBT
729	Fotino,Maril	*0201	*0301	*1801	*3504/09/12	*0401/02/12/14/15+	*0701/21/22/24+	SSP
3808	Hogan,Patric	*02	*03	*1801-03/05-15+	*3510/12/13/16+	*0401/03-10/12-14+	*0701/06/16/18+	SSP
771	Israel,Shosh	*0201	*0301	*1801	*3512	*0401	*0701	RVSSO,SSP
859	Kamoun,Malek	*0201	*0301	*1801	*3512	*0401	*0701	
4337	Kim,Tai-Gyu	*0201	*0301/03N	*1801	*3512	*0401	*0701	SBT
168	Klein,Tirza	*02	*0301	*18	*35	*04	*07	PCR-SSO,SSP
278	Lee,Jar-How	*0201/24/66/94N+	*0301/13/14/17+	*1801	*3512	*0401/19/20	*0701/21/24/36	SSP,RVSSOP
759	Lefor,W.M.	*0201/07/09/18+	*0301/04/07/09+	*18	*3512	*04	*07	RVSSO
731	Loewenthal,R	*020101	*030101	*180101/17N	*3512	*040101	*0701	
8029	Mani,Rama	*02	*03	*18	*35			SSP
792	Moore,S.Brea	*02	*03	*18	*35	*04	*07	PCR-SSO
733	Mytilineos,J	*02	*03	*18	*3512	*04	*07	SSO
774	Paik,Young	*0201/24/66/92+	*03	*18	*3502/04/09/12+	*04	*07	SSP,SSOP
8001	Pancoska,Car	*02	*03	*18	*35	*04	*07	SSP,SSOP
4336	Park,Myoung	*02	*03	*18	*3502/04/09/12	*04	*07	RVSSO
4689	Rajczy&Gyodi	*02	*03	*18	*35	*04	*07	PCR-SSO
5200	Reinke,Dennis	*02	*03	*18	*35	*04	*07	SSP
1160	Rosen-Bronso	*02	*03	*18	*3512	*04	*07	RVSSO
793	Rubocki,Ron	*02	*03	*18	*35	*04	*07	SSP
4948	Sage,Deborah	*0201/01L/07/09+	*0301/01N/03N+	*1801/03/05/06/08+	*3504/09/12	*0401/05/07/09N+	*0701/06/16/18+	
4744	Satake,Masah	*020101	*030101	*1801/17	*3512			SBT
3904	Stewart,Dod	*02	*03	*18	*3512	*04	*07	PCR-SSP
769	Tavoularis,S	*0201/01L	*0301/01N	*1801/23N	*3512	*0401/20	*0701	SSO,SSP,SBT
5462	Turner,E.V.	*02	*0301	*1801	*3512	*0401	*0701	SSP,SSO
5451	Van den Berg-	*020101	*030101	*180101	*3512	*040101	*070101	SBT
705	Watkins,Davi	*0201+/*9201+	*0301+/23	*1801+/07/14/22	*3501+/05+/20+	*0401+	*0701+	
1466	Yu_Neng/ARC	*0201/43N/66/75+	*0301/20/21N/26	*1801/17N	*3512	*0401	*0701	SSOP,SSP,SBT

Cell 1309 (Korean)

44 labs

A*02	64%
A*0201	25%
A*020101	11%
A*02	100% TOTAL
A*26	37%
A*2601	2%
A*2602	61%
A*26	100% TOTAL

44 labs

B*58	59%
B*5801	41%
B*58	100% TOTAL
B*67	20%
B*6701	64%
B*670102	16%
B*67	100% TOTAL

41 labs

Cw*03	66%
Cw*0303	29%
Cw*030301	5%
Cw*03	100% TOTAL
Cw*07	54%
Cw*0702	39%
Cw*070201	7%
Cw*07	100% TOTAL

Cell 1310 (Hispanic)

43 labs

A*02	65%
A*0201	26%
A*020101	9%
A*02	100% TOTAL
A*30	56%
A*3001	35%
A*300101	9%
A*30	100% TOTAL

43 labs

B*13	30%
B*1302/08	10%
B*1301	2%
B*1302	44%
B*130201	14%
B*13	100% TOTAL
B*15	19%
B*1508/11/15	5%
B*1511/15	9%
B*1515	67%
B*15	100% TOTAL

40 labs

Cw*01	57%
Cw*0102	40%
Cw*010201	3%
Cw*01	100% TOTAL
Cw*06	57%
Cw*0602	35%
Cw*060201	8%
Cw*06	100% TOTAL

Cell 1311 (Chinese)

43 labs

A*02	46%
A*0207/15N	12%
A*0207	42%
A*02	100% TOTAL
A*24	37%
A*2402	19%
A*240201	2%
A*2402L	12%
A*24020102L	30%
A*24	100% TOTAL

43 labs

B*08	61%
B*0801	30%
B*080101	9%
B*08	100% TOTAL
B*58	60%
B*5801	40%
B*58	100% TOTAL

41 labs

Cw*03	51%
Cw*0302	49%
Cw*03	100% TOTAL
Cw*07	58%
Cw*0702	32%
Cw*070201	10%
Cw*07	100% TOTAL

Cell 1312 (Hispanic)

43 labs

A*02	65%
A*0201	26%
A*020101	9%
A*02	100% TOTAL
A*03	61%
A*0301	30%
A*030101	9%
A*03	100% TOTAL

43 labs

B*18	56%
B*1801/17N	14%
B*180101/17N	5%
B*1801	23%
B*180101	2%
B*18	100% TOTAL
B*35	40%
B*3501	2%
B*3512	58%
B*35	100% TOTAL

41 labs

Cw*04	66%
Cw*0401	27%
Cw*040101	7%
Cw*04	100% TOTAL
Cw*07	68%
Cw*0701	27%
Cw*070101	5%
Cw*07	100% TOTAL

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	VIABILITY %	CELL NO.1309 (KORE)									CELL NO.1310 (HISP)									CELL NO.1311 (CHIN)									CELL NO.1312 (HISP)								
			A2	A6	B8	B7	C3	C7	B4	B6	OTHERS	A2	A3	B0	B3	C5	C1	B6	B4	OTHERS	A2	A4L	B8	B5	C3	C7	B4	B6	OTHERS	A2	A3	B8	B5	C4	C7	B6	OTHERS
Abbal,M. Pro	3	100	+	+	+	+			+	+		90	+	+	+	+			+	+		100	+		+	+			+	+		100	+	+	+	+			+	
Alonso,Anton	7	90	+	+	+	+	+	+	+	+		90	+	+	+75		+	+	+			90	+		+	+	+		+	+		90	+	+	+	+	+		+	
Alvarez,Carr	3	100	+	+	+	+			+	+		98	+	+	+75			+	+			100	+		+	+			+	+		100	+	+	+	+			+	
Anthony Nola	3	100	+	+	+	+						98	+	+	+75							100	+		+	+						98	+	+	+	+				
Berka,Noured	2	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Bow,Laurine	6	98	+	+	+	+	+	+	+	+		98	+	+	+		+			B35		98	+		+	+			+	+		98	+	+	+	+	+	+	+	
Burger,Joe	2	99	+	+	+	+	+	+	+	+		99	+	+	+62	+	+	+	+			99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Chan MD,Soh	4	95	+	+	+	+	+	+	+	+		95	+	+	+75	+	+	+	+			95	+		+	+		+	+	+		95	+		+	+	+	+	+	
Charoenwongs	7	81	+	+17	+			+	+		B39	88	+	+	+62			+	+			83	+		+	+			+	+		90	+	+	+	+			+	
Charron,D. P	7	90	+	+	+	+			+	+		90	+	+	+75			+	+			90	+		+	+			+	+		90	+	+	+	+			+	
Chongkolwata	7	90	+	+	+	+			+	+		90	+	+	+75			+	+			90	+		+	+			+	+		90	+	+	+	+			+	
Choo,Yoon MD	2	99	+	+	+	+	+	+	+	+		99	+	+	+	+	+	+	+			99	+		+	+	+	+	+	+		99	+	+	+	+		+	+	
Ciccia/Willi	7	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Claas,F.H.J.	6	90	+	+	+	+	+	+	+	+		90	+	+	+62	+	+	+	+			90	+		+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Cook,Daniel	2	90	+	+	+	+W9	+	+	+			95	+	+	+62	+	+	+	+	B62V		95	+		+	+10	+	+	+			95	+	+	+	+	+	+	+	
Daniel,Dolly	6	98	+	+	+	+			+	+		99	+	+	+75			+	+			98	+		+	+			+	+	A30		98	+	+	+				+	
Danilovs,Joh	2	98	+	+	+	+	+	+	+	+		98	+	+	+	+	+	+	+	+	1515	98	+		+	+	+	+	+			98	+	+	+	+	+	+	+	
Darke,Christ	6	90	+	+	+	+	+	+	+	+		90	+	+	+	+	+	+	+	+		90	+		+	+	+	+	+			90	+	+	+	+	+	+	+	
Du Toit,Erne	**	90	+	+	+	+			+	+		90	+	+	+				+	+	B72	90	+		+	+			+	+		90	+	+	+	+			+	
Dunckley,Hea	7	95	+	+	+				+	+	B39	95	+19	+62					+	+		95	+		+	+			+	+		95	+	+	+	+			+	
Dunk,Arthur	3	98	+	+	+	+	+	+	+	+		98	+	+	+75	+	+	+	+			98	+		+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Dunn,Paul Ph	6	95	+	+	+	+			+	+		95	+	+	+75			+	+			95	+		+	+			+	+		95	+	+	+	+			+	
Eckels/CPMC,	2	75	+	+	+	+	+	+	+	+		75	+	+	+62	+	+	+	+			75	+		+	+		+	+	+		75	+	+	+	+	+	+	+	
Eckels/Utah,	3	99	+	+	+	+	+	+	+	+		90	+	+	+	+	+	+	+	+		99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Fotino,Maril	2	90	+	+	+	+	+	+	+	+		90	+	+	+75	+	+	+	+			90	+		+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Furukawa,Yok	6	84	+	+	+	+W9	+	+	+			98	+	+	+75	+	+	+	+			91	+24	+	+10	+	+	+	2408			96	+	+	+	+	+	+	+	
Goggins,R.	2	99	+	+	+	+	+	+	+	+		99	+	+	+	+	+	+	+			98	+		+	+	+	+	+			99	+	+	+	+	+	+	+	
Hahn,Amy B.	3	99	+	+	+	+	+	+	+	+		99	+	+	+	+			+	+	CX15,B15V	100	+		+	+10	+	+	+			100	+	+	+	+	+	+	+	
Hajeer,Ali D	13	NT										75	+	+	+62	+	+	+	+			75	+		+		+	+	+	+	B57		75	+	+	+	+		+		CW6
Harville/ACH	2	98	+	+	+	+	+	+	+	+		98	+	+	+75	+	+	+	+			98	+		+	+10	+	+	+			98	+	+	+	+	+	+	+	
Harville/UA,	2	95	+	+17		+	+	+	+		B22	95	+	+	+62		+	+	+			95	+		+17	+	+	+	+			95	+	+	+	+	+	+	+	
Henrico Doct	6	98	+	+	+	+			+	+		98	+	+	+62			+	+			95	+		+	+			+	+		95	+	+	+	+			+	
Hogan,Patric	7	90	+	+	+	+	+	+	+	+		90	+	+	+	+	+		+	+		90	+		+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Holdsworth,R	6	99	+	+	+	+	+	+	+	+		98	+	+	+	+			+	+		99	+		+	+		+	+	+		98	+	+	+	+	+		+	
Hubbell,Char	2	95	+	+17	+			+	+		B22	95	+	+	+75				+	+		95	+		+17			+	+	+		95	+	+	+	+			+	
Ichikawa MD,	20	???	+	+17	+		+	+	+		CW6	???	+	+	+62	+	+	+	+			???	+24	+				+	+	B57		???	+	+	+	+	+	+	+	
Israel,Shosh	6	80	+	+	+	+	+	+	+	+		90	+	+	+62	+	+	+	+			95	+24	+	+	+	+	+	+			95	+	+	+	+	+	+	+	
Keown,Paul M	2	99	+	+	+	+	+		+	+		99	+	+	+75			+	+			99	+		+	+	+		+	+		99	+	+	+	+	+		+	
Kim,Kyeong-H	6	95	+10		+	+	+	+	+		B57	95	+	+	+75	+	+	+	+			95	+		+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Klein,Jon MD	2	93	+	+	+	+	+	+	+	+		93	+	+	+75	+	+	+	+			93	+		+	+	+	+	+	+		93	+	+	+	+	+	+	+	
Klein,Tirza	6	90	+	+	+	+	+	+	+	+		90	+	+	+62	+	+	+	+			90	+		+	+	+	+	+	+		90	+	+	+	+	+	+	+	
Kohara,Setsu	20	80	+	+	+				+	+	B39	60	+	+	62	+			+	B61		80	+24	+	+			+	+			80	+	+	+	+			+	CW8
Kopko,Patric	2	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			97	+		+	+	+	+	+	+		97	+	+	+	+	+	+	+	
Kvam,Vonnett	3	95	+	+	+	+	+	+	+	+		95	+	+	+75	+	+	+	+			97	+		+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Lardy,N.M. D	8	90	+	+	+	+	+	+	+	+		90	+	+	+	+	+		+	+	B15V	90	+		+	+			+	+		90	+	+	+	+			+	
Lazda,Velta	3	98	+	+	+	+W9	+	+	+			98	+	+	+75	+	+	+	+			98	+		+	+10	+	+	+			98	+	+	+	+	+	+	+	
Lebeck,Laura	2	98	+	+	+	+	+	+	+	+		98	+	+	+75	+	+	+	+			98	+		+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Lefor,W.M. P	2	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Lo,Raymundo	4	98	+	+	+	+			+	+		98	+	+	+75			+	+			98	+		+	+			+	+		98	+	+	+	+			+	
Loewenthal M	7	95	+	+	+	+	+	+	+	+		95	+	+	+	+	+	+	+	+		95	+		+	+	+	+	+	+		95	+	+	+	+	+	+	+	

INTERNATIONAL CELL EXCHANGE

		CELL NO.1309									CELL NO.1310									CELL NO.1311									CELL NO.1312								
		VI								(KORE)	VI								(HISP)	VI								(CHIN)	VI								(HISP)
INVESTIGATOR		A	A	A	B	B	C	C	B	B	A	A	A	B	B	C	C	B	B	A	A	A	B	B	C	C	B	B	A	A	A	B	B	C	C	B	
	DAYS	B	2	2	5	6	W	W	W	W	B	2	3	1	1	W	W	W	W	B	2	2	8	5	W	W	W	W	B	2	3	1	3	W	W	W	
NAME	OLD	%		6	8	7	3	7	4	6	OTHERS	%		0	3	5	1	6	4	6	OTHERS	%		4 L		8	3	7	4	6	OTHERS	%		8	5	4	7	6	OTHERS
MacCann,Eile	2	98	+	+	+	+			+	+		98	+	+	+75			+	+			98	+		+	+			+	+			98	+	+	+	+		+	
Mah,Helen	3	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			99	+		+	+	+	+	+	+			99	+	+	+	+	+	+	
McAlack,Robe	2	98	+	+	+	+	+	+	+	+		98	+	+	+75	+	+	+	+			98	+		+	+10	+	+	+				98	+	+	+	+	+	+	
McAlack-Bala	2	99	+	+	+	+	+	+	+	+		99	+	+	+75	+	+	+	+			99	+		+	+	+	+	+				99	+	+	+	+	+	+	
McCluskey,Ja	7	95	+	+	+	+	+		+	+		90	+	+	+62		+	+	+			99	+		+	+		+	+				95	+	+	+	+		+	
Noche,Olivia	2	99	+	+	+		W9		+	+	B55	99	+	+	+62	+	+	+	+			99	+		+		+	+	+	+	B57		99	+	+	+	+	+	+	
Norin,Allen	2	99	+	+	+	+			+	+		99	+	+	+75			+	+	B62		99	+		+	+			+	+			99	+	+	+	+		+	
Paik,Young K	2	95	+	+	+	+W9	+	+	+			95	+	+	+75	+	+	+	+			95	+		+	+10	+	+	+				95	+	+	+	+	+	+	
Pais,Maria L	20	95	+	+	+							95	+	+	+62							95	+		+						B57		95	+	+	+	+			
Park,Myoung	6	???	+	+	+	+	+	+	+	+		???	+	+	+75	+	+	+	+			???	+		+	+	+	+	+	+			???	+	+	+	+	+	+	
Phelan,Donna	2	95	+	+	+	+	+	+	+	+		95	+	+	+62	+	+	+	+			NT											95	+	+	+	+	+	+	
Pollack,Mari	3	99	+	+	+	+	+	+	+	+		95	+	+	+75	+	+	+	+			99	+		+	+	+	+	+	+			99	+	+	+	+	+	+	
Rajczy,Gyodi	3	95	+	+17	+	+	+	+	+			95	+	+	+62	+	+	+	+			95	+		+17	+	+	+	+				95	+	+	+	+	+	+	
Rosen-Bronso	2	90	+	+	+	+						90	+	+	+75					B62		90	+		+	+							90	+	+	+	+			
Rosenberg,J.	2	99	+	+	+	+W9	+	+	+			99	+	+	+62	+	+	+	+			99	+		+	+10	+	+	+				99	+	+	+	+	+	+	
Rubocki,Rona	2	99	+	+	+	+	+	+	+	+		99	+	+	+	+	+	+	+			88	+		+	+	+	+	+				88	+	+	+	+	+	+	
Satake,Masah	3	99	+	+	+	+W9	+	+	+			98	+	+	+75	+	+	+	+			99	+		+	+10	+	+	+				98	+	+	+	+	+	+	
Sauer,Norber	3	95	+	+	+	+	+	+	+	+		95	+		+62	+	+	+	+	A31		95	+		+	+	+	+	+				95	+	+	+	+	+	+	
Semana MD,Gi	20	80	+10	+				+	+	B39		80	+	+	+75			+	+			80	+		+	+			+	+			80	+	+	+	+		+	
Smith/Baylor	7	99	+	+	+	+			+	+		99	+	+	+75			+	+			99	+		+	+			+	+			99	+	+	+	+		+	
Stamm,Luz	3	95	+	+	+	+	+	+	+	+		95	+	+	+75	+	+	+	+			90	+		+	+	+	+	+	+			90	+	+	+	+	+	+	
Steinberg,Ka	2	96	+	+	+	+W9	+	+	+			96	+	+	+75	+	+	+	+	B75V		96	+		+	+10	+	+	+				96	+	+	+	+	+	+	
Stewart,Dod	3	90	+	+	+	+W9	+	+	+			90	+	+	+62	+	+	+	+			90	+		+	+10	+	+	+	A24N			90	+	+	+	+	+	+	
Tagliere,Jac	2	100	+		+	+	+	+	+	+	A66	100	+	+	+62	+	+	+	+			100	+		+	+	+	+	+				100	+	+	+	+	+	+	
Tbakhi,Abdel	12	92	+	+			+	+	+	+	B55,B57	93	+	+	+	+	+	+	+	+		90	+		+		+	+	+	B57			90	+	+	+	+	+	+	
Tiercy,Jean-	6	98	+	+	+	+			+	+		98	+	+	+75			+	+			NT											NT							
Van Den Berg	7	90	+	+	+	+			+	+		90	+	+	+75			+	+			90	+		+	+			+	+			90	+	+	+	+		+	
Vidan-Jeras,	6	95	+	+	+	+	+	+	+	+		100	+	+	+62	+	+	+	+			100	+		+	+	+	+	+	+			95	+	+	+	+	+	+	
Walter Reed	2	97	+	+	+	+	+	+	+	+		97	+	+	+75	+	+	+	+			97	+		+	+	+	+	+	+			97	+	+	+	+	+	+	
Ward,William	3	97	+	+	+	+	+	+	+	+		97	+	+	+75	+	+	+	+			97	+		+	+	+	+	+	+			97	+	+	+	+	+	+	
Watkins,Davi	6	90	+	+	+		+		+	+	B42	90	+	+	+62	+	+	+	+			90	+		+	+	+	+	+	+			95	+	+	+	+	+		
Wernet,Peter	6	98	+	+	+	+			+	+		95	+	+	+75			+	+			98	+		+	+			+	+			98	+	+	+	+		+	
Williams,Mar	8	95	+		+	+	+	+	+	+	6601	98	+	+	+62	+	+	+	+			98	+		+	+	+	+	+	+			98	+	+	+	+	+	+	
Wisecarver,J	6	95	+	+	+	+			+	+		85	+	+	+62			+	+			95	+		+	+			+	+			95	+	+	+	+		+	

****
* SUMMARY TABLE *
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(KORE)	(HISP)	(CHIN)	(HISP)
**** CELL 1309 ****	**** CELL 1310 ****	**** CELL 1311 ****	**** CELL 1312 ****
(83 SAMPLES TYPED)	(84 SAMPLES TYPED)	(82 SAMPLES TYPED)	(83 SAMPLES TYPED)
A2 100.0%	A2 100.0%	A2 100.0%	A2 100.0%
(100.0%)	(100.0%)	(100.0%)	(100.0%)
A26 95.2%	A30 97.6%	A24L 0.0%	A3 98.8%
A10 2.4%	A19 1.2%	A24 4.9%	
(97.6%)	(98.8%)	(4.9%)	B18 100.0%
B58 91.6%	B13 98.8%	B8 100.0%	B35 98.8%
B17 6.0%			
(97.6%)	B15 15.5%	B58 90.2%	CW4 68.7%
	B62 31.0%	B17 3.7%	
B67 90.4%	B75 51.2%	(93.9%)	CW7 62.7%
(90.4%)	(97.6%)		
		CW3 50.0%	BW6 96.4%
CW3 59.0%	CW1 65.5%	CW10 13.4%	
CW9 10.8%		(63.4%)	
(69.9%)	CW6 64.3%		
		CW7 65.9%	
CW7 66.3%	BW4 94.0%		
		BW4 96.3%	
BW4 96.4%	BW6 96.4%		
		BW6 96.3%	
BW6 96.4%			

(OTHERS FOUND)	(OTHERS FOUND)	(OTHERS FOUND)	(OTHERS FOUND)
B39 4.8%	B15v 2.4%	B57 6.1%	CW6 1.2%
B57 2.4%	B62V 1.2%	A30 1.2%	CW8 1.2%
B55 2.4%	B75V 1.2%	A24N 1.2%	
B22 2.4%	1515 1.2%	2408 1.2%	
6601 1.2%	B61 1.2%		
CW6 1.2%	B35 1.2%		
B42 1.2%	A31 1.2%		
A66 1.2%	CX15 1.2%		
	B72 1.2%		

*** 84 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: 11/14/2007 **********