REPORT OF THE 333rd CELL EXCHANGE

MAY 7, 2008

B-Cell Line	**405-406**
Serum	**953-956**
DNA Extract	**417-420**
Cells	**1329-1332**

B-cell line Exchange

We wish to acknowledge **Nancy Goeken, University of Iowa, Iowa City, and Fu-Meei Robbins, National Institutes of Health, Bethesda,** and **Helen Bass, Jane Rowlands, and Christopher Darke, Welsh Blood Service, Pontyclun,** for their generous collaboration in offering interesting cells to type in our exchange studies.

TER-405. This Caucasian cell was R.B (1), the DRB1*1317 reference, as correctly identified by Ball and Tiercy. This same cell was previously typed as TER-351 (2004), as noted by Ball, Hahn, Lefor, Mah, Pidwell, and Tiercy.

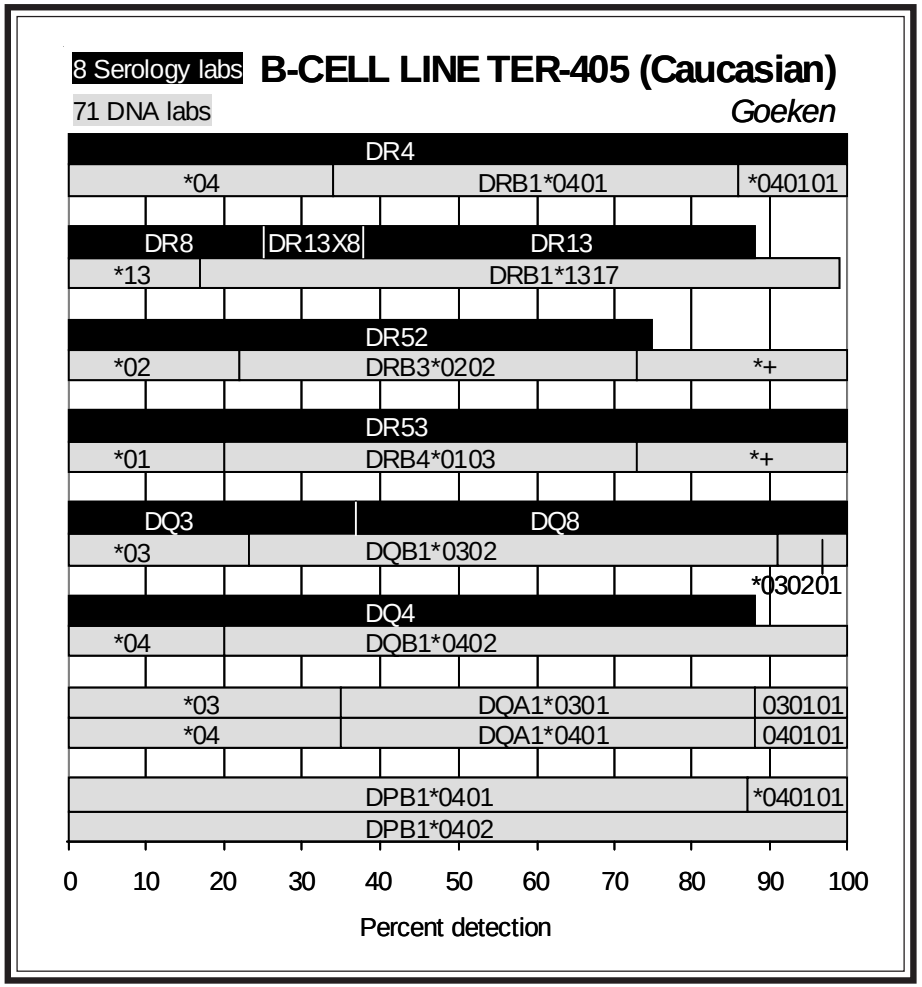
In this present retyping, DRB1*1317 was detected by 82%, nearly identical to the detection level of 81% 4 years ago. By serology, DR13 was assigned by 50% and DR8 was assigned by 2 labs. Pidwell reported DR13x8 and Hahn assigned DR8 in "Others." These conflicted assignments were in agreement with Rosenberg et al.'s original description of the expression of this allele as a recombinant DR8x13 (1). In the 2004 typing, DR13 (53%) and DR8 (41%) were reported.

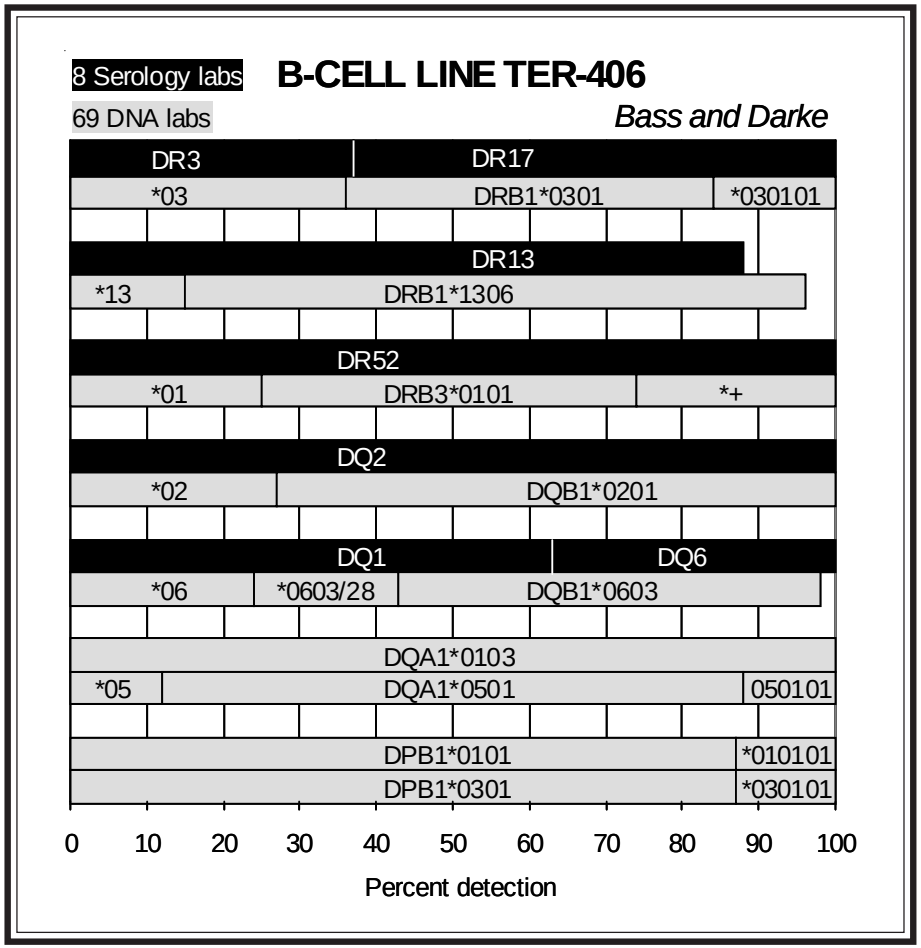
DR52 was assigned by only 75%. In the previous typing, DR52 was reported by only 65%. Those labs assigning DR8 would not normally expect DR52 to be present.

The probable associations in this cell were DRB1*0401-DRB4*0103-DQB1*0302-DQA1*0301 and DRB1*1317-DRB3*0202-DQB1*0402-DQA1*0401. DQB1*0402 and DQA1*0401 are commonly found in association with DRB1*0801 and DRB1*0802. In the previous 2004 report, Lefor commented, "The apparent linkage with DQB1*0402 further implies that this is more DR8 than DR13."

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

DPB1*0401 and DPB1*0402 were assigned by the majority. Six labs noted that, instead of DPB1*0402, DPB1*0602 was possible. Ellis and Pidwell reported that DPB1*2301 and DPB1*5101 were possible DPB1 alleles.





TER- 406. This cell was TER331, as correctly identified by Ball, one of 4 reference cells for the rare DRB1*1306. It was previously typed as TER-331 in 2003. This cell is the sole DRB1*1306 typed in the Cell Exchange.

DRB1*1306 was detected by 81%, similar to the 78% detection level in 2003. DR13 was assigned by 88%.

DR3 (100%) was well typed, with DR17 reported by 63%. DNA typing confirmed the presence of DRB1*0301 (*030101) (64%).

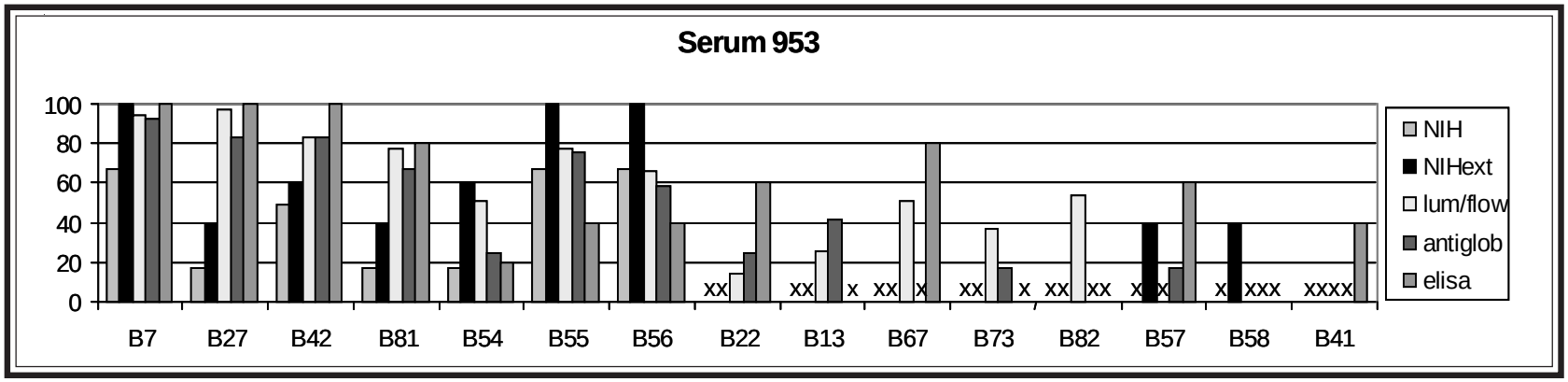
The probable haplotypes were DRB1*0301-DRB3*0101-DQB1*0201-DQA1*0501 and DRB1*1306-DRB3*0101-DQB1*0603-DQA1*0103. As mentioned in the previous report, DRB1*1306 was found associated with the same DRB3-DQB1-DQA1 types as commonly found with other DR13 types, including DRB1*1301 and DRB1*1310.

The labs typing for DPB1 alleles were in total consensus for DPB1*0101 and DPB1*0301. DPB1*2601 and DPB1*5001 were other possible DPB1 types, offered by Merenmies and Pidwell. Instead of DPB1*0301, Charron and Tiercy noted that DPB1*9201 was possible.

Serum Exchange

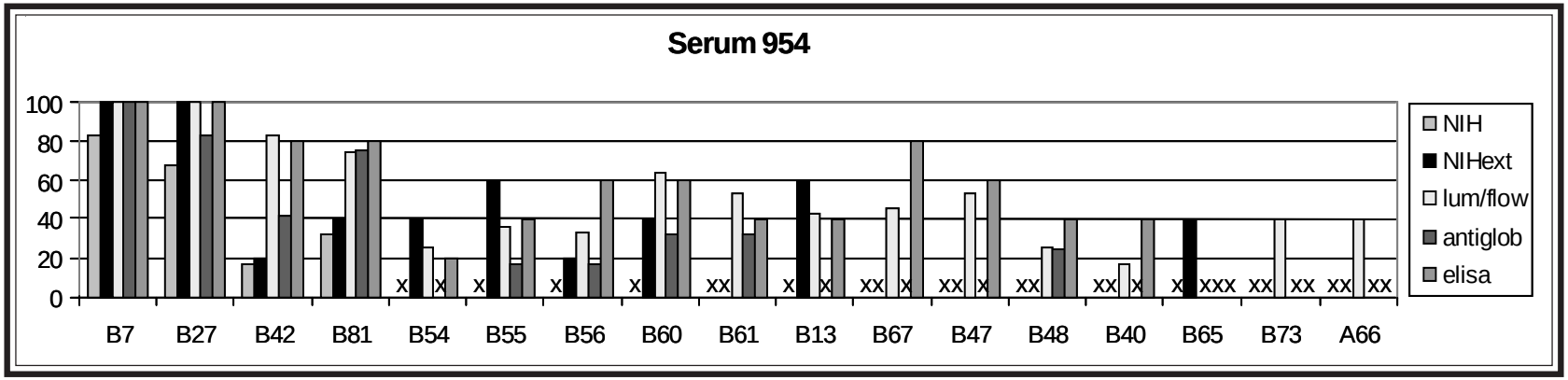
This month's study featured 4 allosera (**sera 953-956**) reactive to B7 and cross-reactive specificities, including B27, B42, B81, B22 and B40 specificities.

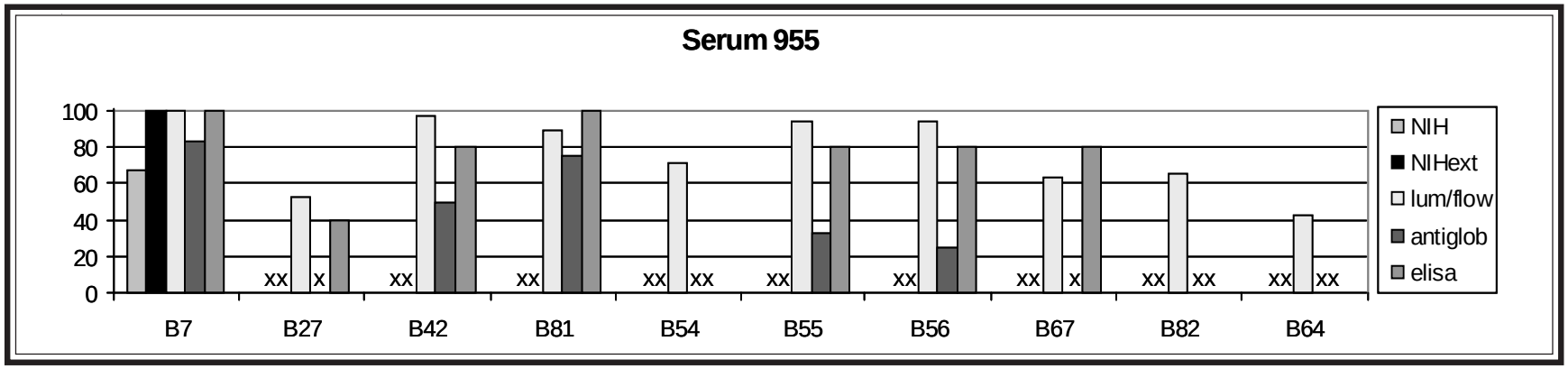
All 4 sera were determined to be strongly positive to B7 by all screening methods.



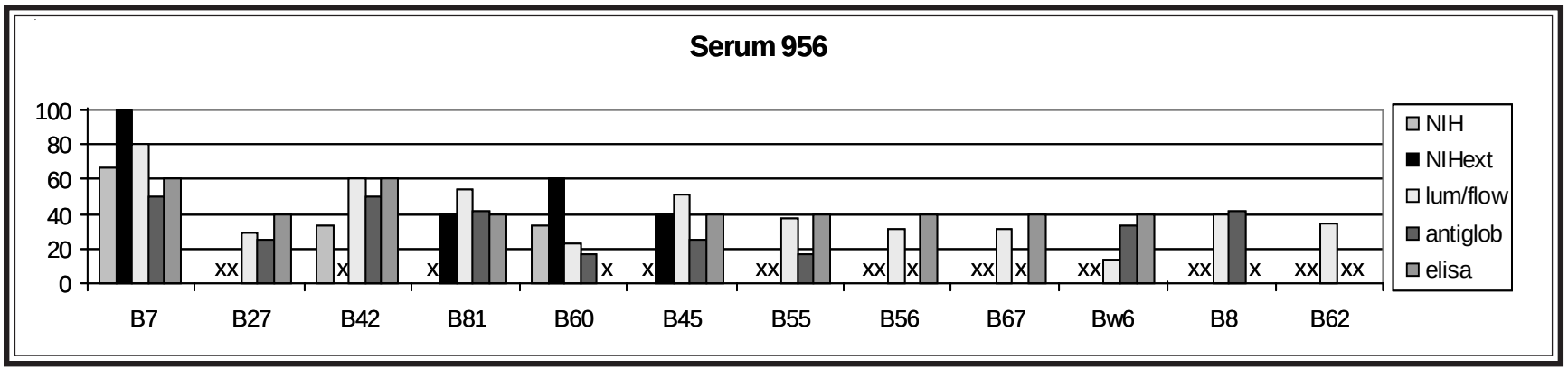
Sera 953 and 954 were determined to be positive to B7, B27, B42, B81, and B22 specificities (B54, B55, B56) by all methods, whereas for **sera 955 and 956**, the reactivity to these same specificities were more varied, depending upon which method was used.

Serum 954 demonstrated additional reactivity to B40 specificities (B60, B61). This same serum sample was previously studied as sera 885 (2005) and 902 (2006).





Sera 955 and 956 were strongly reactive to only B7 by NIH. Labs using extended NIH also reported anti-B60 and -B45 reactivity. Labs using the more sensitive assays detected additional reactivity to B27, B42, B81, and B22 specificities.

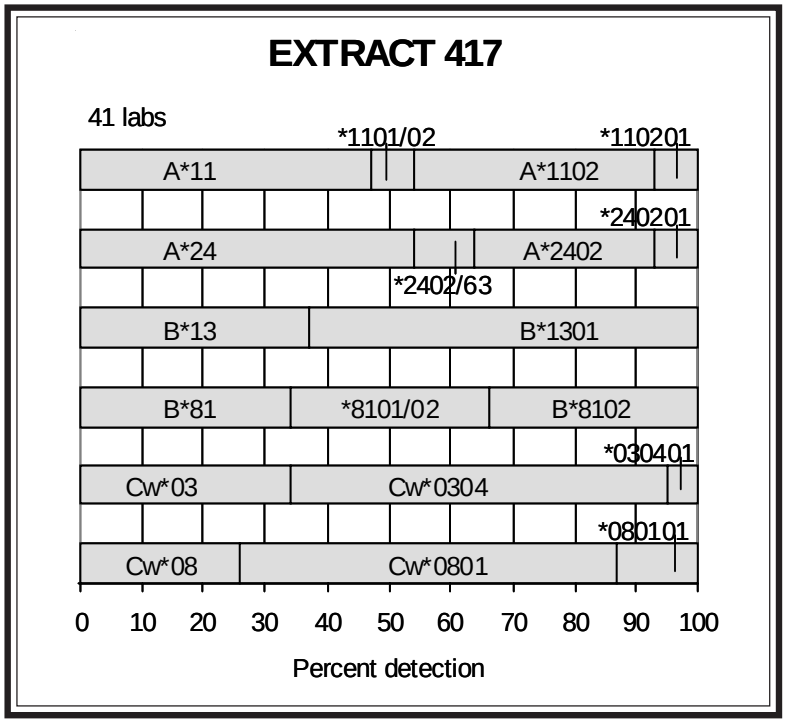


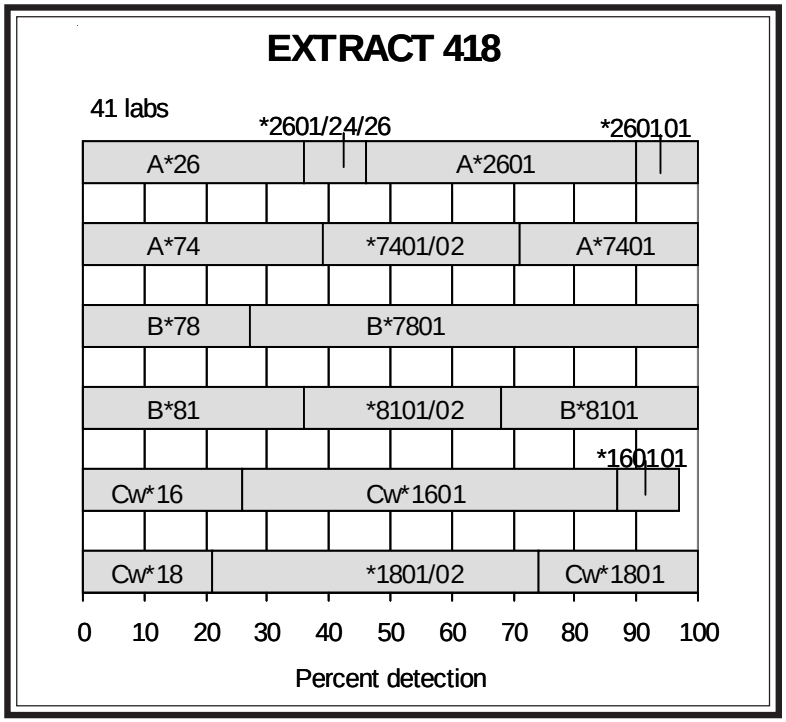
Pidwell shared the following findings, after performing PCR-RSSOP on DNA extracted from the samples, saying, “HLA-A, -B, -Cw are ranked according to the quantity of antibody binding to each of the 72 HLA-A, B, Cw single antigen beads”:

953: A*02, A*23, A*29; B* unsuccessful; Cw*03? Cw*05, Cw*08?

954: A*11, A*26, (plus extra reactions); B835, B*39 (plus extra rxns); Cw*03? (plus extra rxns)
955: A*02, A*30, (plus extra reactions); B*18, **B*55** (plus extra rxns); Cw*04 (plus extra rxns)
956: A*11, A*23, A*24; B*1516, **B*35** (plus extra reactions); Cw* unsuccessful

Suspected sensitizing antigens/alleles are highlighted and bold face type.





Extracts 417. The rare B*8102, as detected by 34%, was present in this cell. Another 32% reported B*8101/02. The B*81 variant was first detected in an exchange cell, cell 1157 (2003), from a Chinese donor. Fae et al. (2) described the variant as being very similar to B*8101 with identical sequences in exon 2 and 3, differing in exon 1 by 4 substitutions. The same donor was featured in a 2004 family study with an offspring, typed as cells 1217 and 1218, respectively. B*8102 was reported by 19% for cell 1217 and by 21% for cell 1218. However, B*8101 was misassigned by 17% and by 23%, respectively. The Chinese donor typed as cells 1157 and 1217 now serves as a reference B*8102 cell, TER-1157.

In this present typing of B*8102, no lab reported B*8101, thus indicating much improved standardization since 2004.

The second B-locus allele was B*1301 (63%).

Cw*0304 (66%) and Cw*0801 (74%) were the C-locus types.

A*1102 (46%) and A*2402 (36%) were the A-locus alleles.

The B-C loci associations in this cell were probably B*1301-Cw*0304 and B*8102-Cw*0801. B*1301-Cw*0304 is commonly found in Asians (3). The 2004 family of TER-1157 indicated that B*8102 was on the same haplotype with Cw*0801 and A*1101.

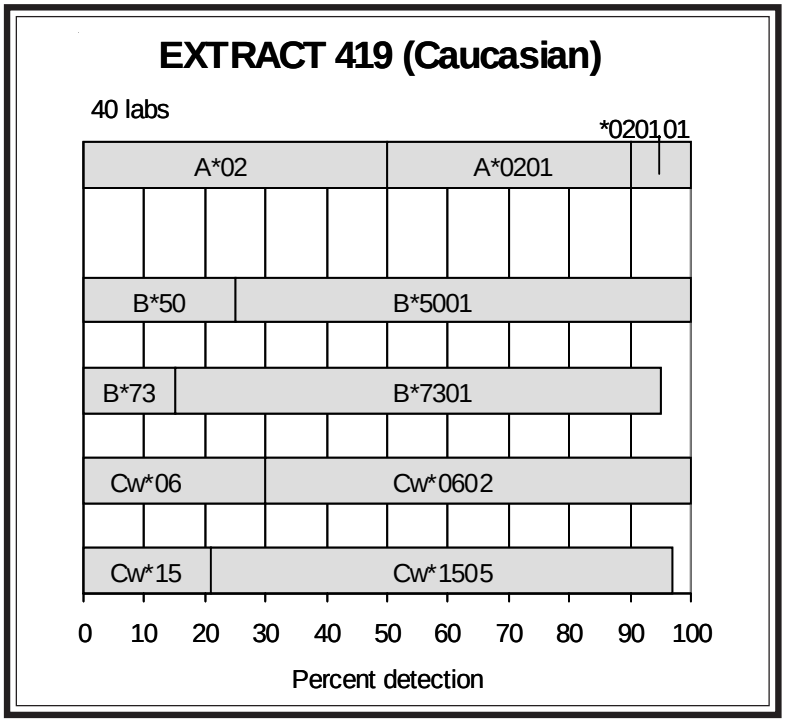
Extract 418. Although no ethnic information was available for this donor, typing results revealed alleles commonly found in Black populations, including A*7401, B*7801, B*8101, and Cw*1801.

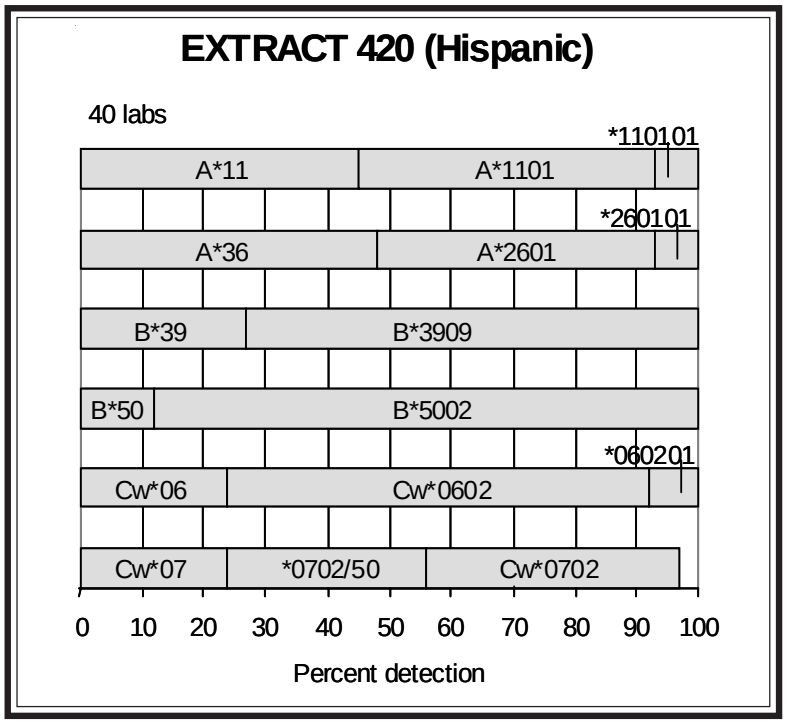
A*7401 was detected by 29%, with another 32% assigning A*7401/02.

B*7801 (73%) was assigned by the majority.

B*8101 was reported by 32%; another 32% reported B*8101/02.

The likely associations in this cell were B*7801-Cw*1601 and B*8101-Cw*1801, found in strong linkage disquilibruim in Black donors.





Extract 419. This cell from a Caucasian donor was well typed as A*0201, B*5001, B*7301, Cw*0602, and Cw*1505.

The probable associations in this cell were B*5001-Cw*0602 and B*7301-Cw*1505. The same B*7301-Cw*1505 was present in previous B73 donors, cells 911 (Hisp) and 1073 (Cauc), as well as in extracts 30, 90, 179, and 228, all from Caucasian donor. Only cell 1057 from an Hispanic individual differed, having Cw*1502 instead of Cw*1505.

Extract 420. This cell from an Hispanic donor was previously typed as cell 1161 (2003) and 1193 (2004), as noted by Moses and Dunckley.

The rare B*3909 was detected by 73%. The following table shows the improved high-resolution detection rate for B*3909 over the years:

	cell 1161	cell 1193	extract 420
	2003	2004	2008
	56 labs	49 labs	40 labs
B*3909	**48%**	**57%**	**73%**
B*5002	93%	92%	88%

B*3909 was also typed in cells 1116 (Hisp), 1150 (Viet), 1300 (Hisp), as well as in extracts 209 (Hisp), 236, and 318 (Hisp).

B*5002 was detected by 88%. B*5002 belongs to a group of variants whose serologic expression does not match the family of alleles to which its structure fits, as documented by a number of investigators (4,5,6); in this case, the serologic expression fits that of B45.

B*3909-Cw*0702 and B*5002-Cw*0602 were the probable associations in this cell.

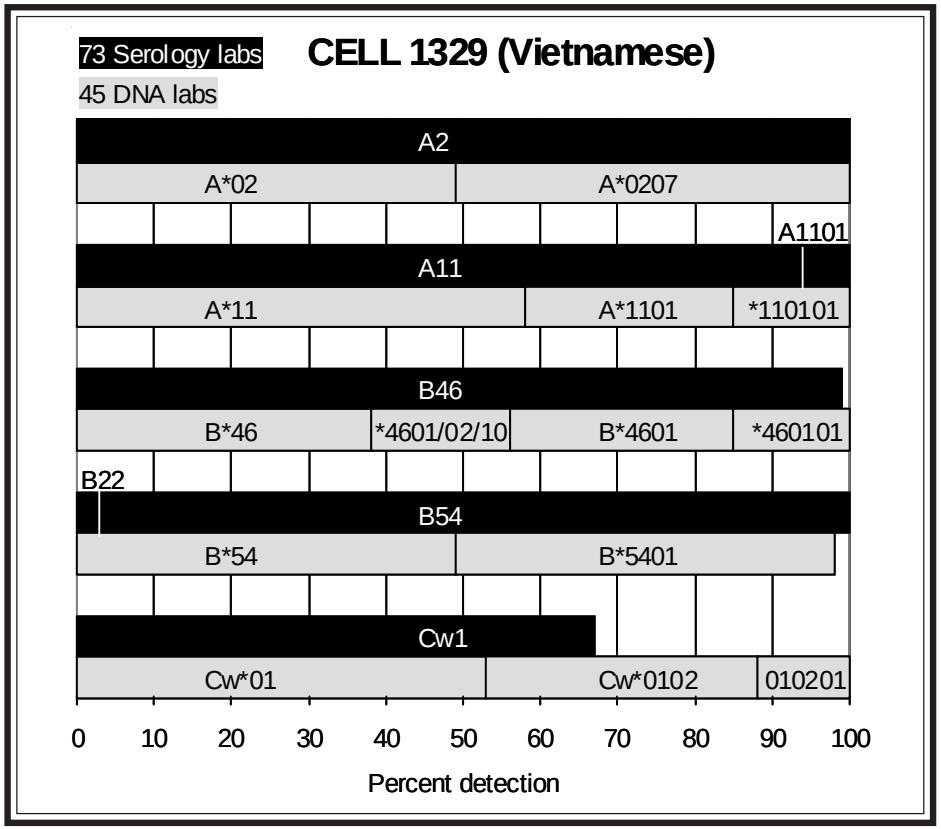
Cell Exchange

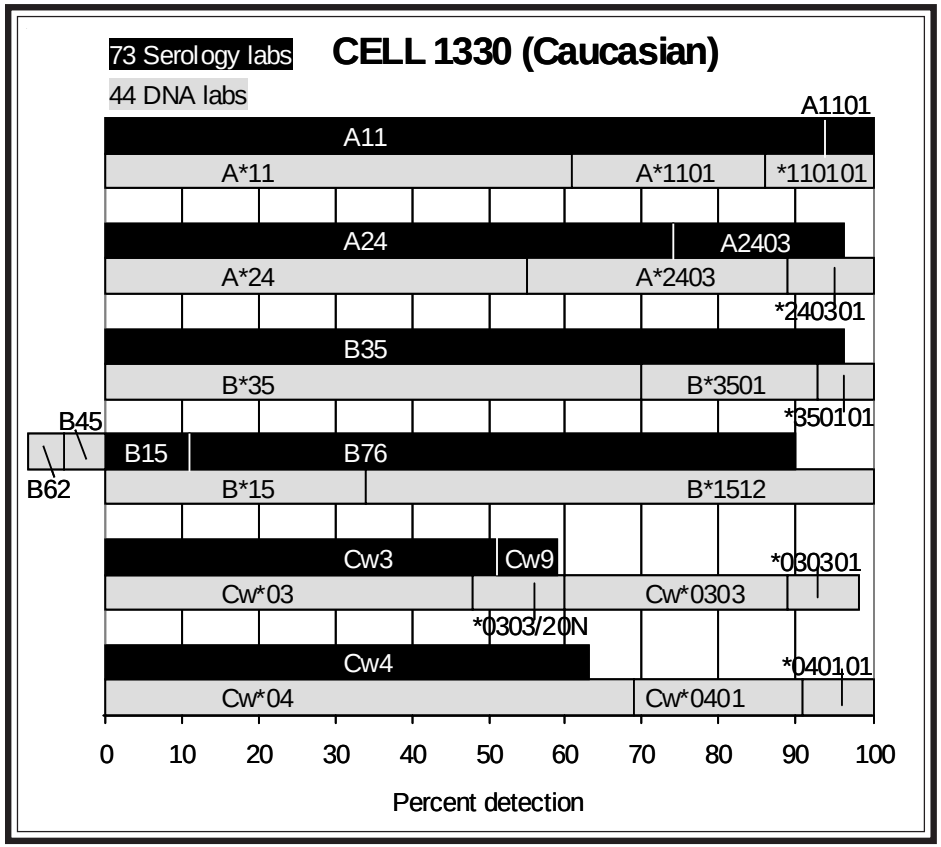
Cell 1329. This cell from a Vietnamese donor was previously typed as cells 1254 (2005) and 1287 (2006), as correctly identified by a number of labs.

B46 (99%) and B54 (97%), variants found commonly in Asian populations, were well typed, confirmed as B*4601 (44%) and B*5401 (49%), respectively.

Two associations found in strong linkage disequilbrium between B- and C-loci, B*4601-Cw*0102 and B*5401-Cw*0102, were present in this cell.

The probable haplotypes were A*0207-B*4601-Cw*0102 (HF=0.0413) and A*1101-B*5401-Cw*0102 (HF=0.0098), common haplotypes found in U.S. Asian population (3).





Cell 1330. It was somewhat unexpected to find B76 (80%) in this Caucasian cell. Holdsworth commented that observed crossreactivity with anti-B12 sera indicated the presence of B76. This was confirmed with the DNA results of B*1512 (52%), with another 30% reporting B*1512/19. Tiercy said that sequencing exon 4 discriminated B*1512 from B*1519. Cell 945 (1998) from an Hispanic donor was another non-Asian B76 exchange donor, corroborated as B*1512. B*1512 was also typed in exchange cells 837 (Thai), 945 (Chin), 1024 (Asian), and 1054 (AsIndian), and extracts 67 and 171 from Thai donors. In general, B76 is predominantly found in Asian donors.

A variant of A24 was present in this cell, as commented by Holdsworth, Pidwell, and Pollack. A2403 was reported by 22% and A24 by 74%. A*2403 was assigned by 45%.

B35 was well typed, by 96%, and verified as B*3501 (30%). Abbal noted weak reactivity with anti-B35 monoclonal antibodies.

Cw3 (59%) and Cw4 (63%) were confirmed as Cw*0303 (38%) and Cw*0401 (31%), respectively.

The likely associations in this cell were B*1512-Cw*0303 and B*3501-Cw*0401. A*1101-B*3501-Cw*0401 is a commonly found haplotype found in U.S. Caucasians, with HF=0.0132 (3). The other haplotype was A*2403-B*1512-Cw*0303, which interestingly, was also found in B76 exchange cells 837 and 962. Cell 837 was from the same donor as THAI742, which serves as a reference for B*1512 and B*460101.

Cell 1331. This Filipino donor has been typed in the Cell Exchange a number of times, as cells 1214 (2004), 1231 (2005), and 1278 (2006), as noted by numerous labs.

B51 was detected by 92%. Shorter or weaker than normal reactivity was noted by Abbal, Darke, Lardy, Lebeck, McCluskey, Pidwell, and Pollack. B*5106 was the high-resolution type reported by 56%. B*5106 was also typed in cells 1034 (AsIndian) and 1134 (Filip), as well as in extracts 255 (Asian), 266 (AsIndian), 267 (Filip), 304 (Filip), and 404 (Filip).

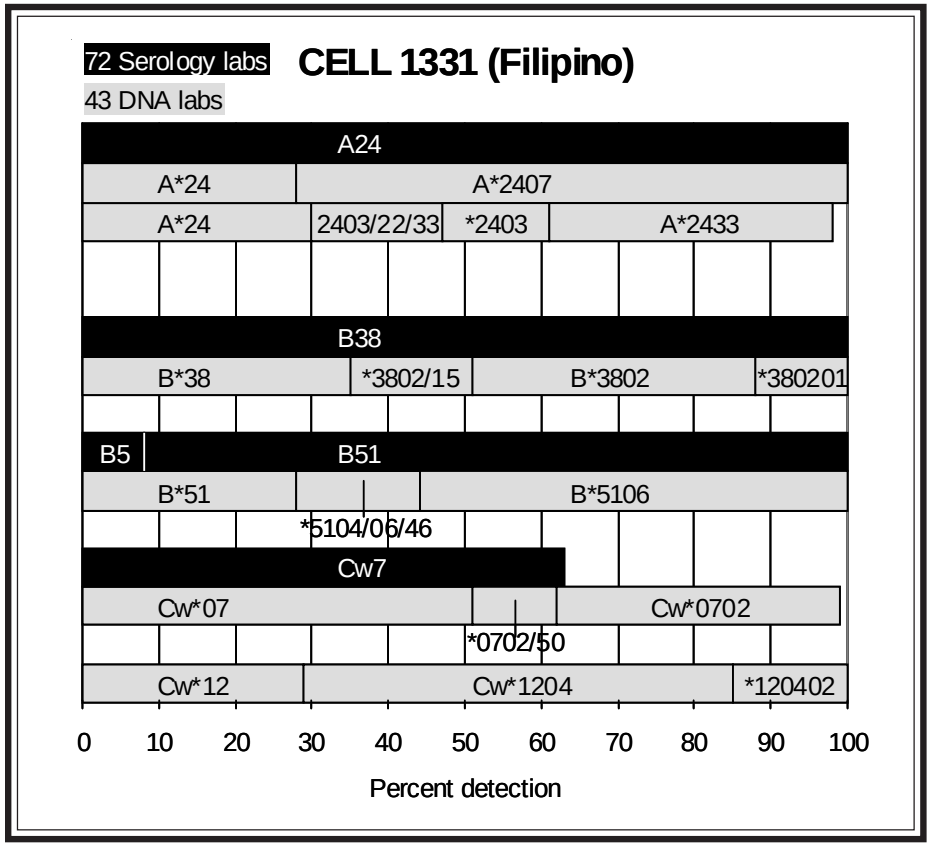
A24 was assigned by 100%. Two different A*24 alleles were present, and the following table shows the detection rates for each in the 4 typings:

	cell 1214 2004 51 labs	cell 1231 2005 43 labs	cell 1278 2006 46 labs	cell 1331 2007 43 labs
A*24	31%	37%	40%	28%
A*2402	x	x	2%	x
A*2407	69%	63%	58%	72%
A*24	53%	40%	38%	37%
A*2403/22/33	x	10%	9%	
A*2403/33	21%	16%	19%	10%
*A*2403*	*12%*	*16%*	*4%*	*14%*
A*2419	x	x	2%	x
A*2423	2%	x	x	x
A*2433	**12%**	**16%**	**28%**	**37%**

The high-resolution detection levels for both A*2407 and A*2433 have increased since 2004. However, a significant percentage of labs misassigned A*2403 (in italics) in this present retyping. We will continue to pursue improvement in the standardization of A*2433.

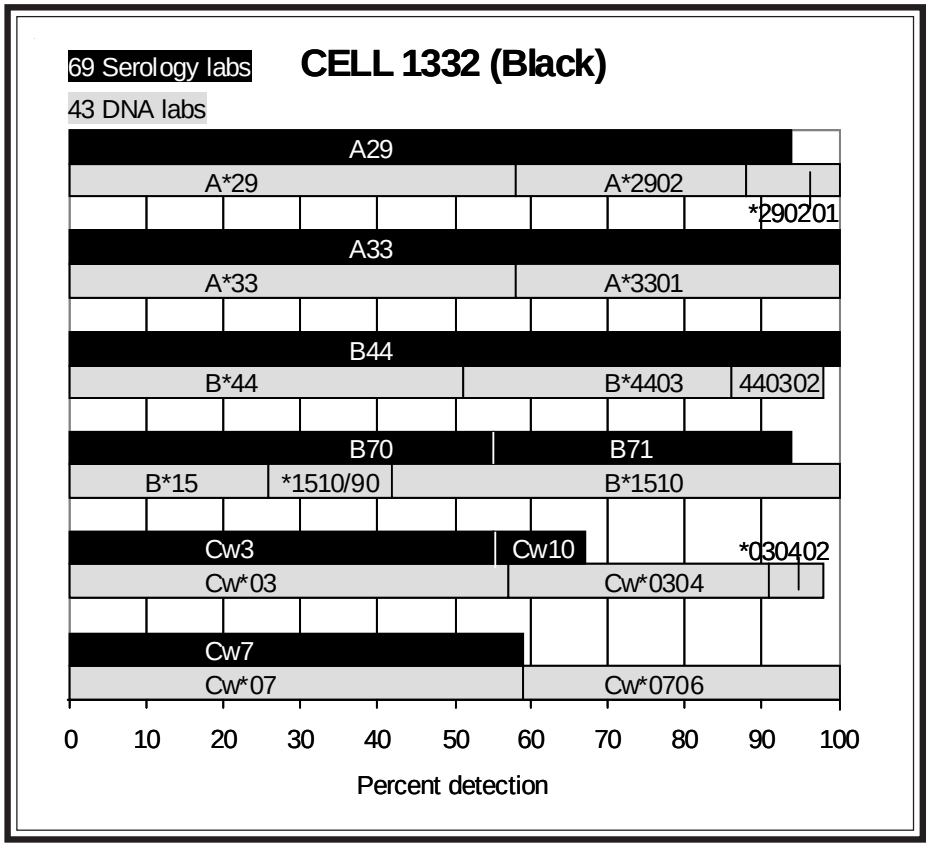
B38 was assigned in complete consensus, verified as B*3802 (49%). Holdsworth noted a shorter than normal reactivity pattern.

Cw7 (59%) was established as Cw*0702 (47%).



Cw*1204 (71%) was the second C-locus high-resolution type, in particular, Cw*120402 (15%). Cw*120402 is found in strong linkage disequilibruim with B*5106. With the exception of cell 1034, all B*5106 exchange cells were found in association with Cw*120402. Cell 1034 had the unusual B*5106-Cw*1402 association.

A*2407-B*3802-Cw*0702 and Cw*2433-B*5106-Cw*120402 were the haplotypes in this donor, confirmed by in-house family study typings.



Cell 1332. This cell from a Black donor was well typed as A29, A33, B44, B70 (B71), Cw3 (Cw10), and Cw7. The high-resolution typing was A*2902, A*3301, B*4403, B*1510, Cw*0304, Cw*0706.

B71 was assigned by 39%, with another 55% assigning B70.

Cw7 was assigned by 59% and Cw*0706 was reported by 39%. Cw*0706 was previously typed in cells 981 (AsIndian), 1006 (Filip), and 1143 (Blck/Asian). The same B*4403-Cw*0706 association was found in all these donors.

Interestingly, the previous Cw*0706 donors were typed as A*3303; however, this donor had A*3301. At low-resolution, this donor's typing was similar to that of cell 1143 from a Black/Asian donor typed in 2002, as noted by several labs, differing only by the A33 subtypes.

The other B-C loci association in this cell was B*1510-Cw*0304.

References

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Stavropoulos-Gi,Dr C	Athens	
Suciu-Foca PhD,Nicol	New York	NY
Sullivan PhD,Karen	New Orleans	LA
Tagliere,Jacque	Los Angeles	CA
Tavoularis,Dr Sofia	Ottawa	ON
Thoni MD,Deborah	Orlando	FL
Tiercy,Dr Jean-Marie	Geneva 14	
Tilanus,Dr Marcel	Maastricht	
Trachtenberg PhD,Eli	Oakland	CA
Trowsdale,Prof John	Cambridge	
Turner PhD,E.V.	Memphis	TN
Tyan,Dr Dolly	Palo Alto	CA
Uhrberg,Dr Markus	Dusseldorf	
Varnavidou-Nico,Dr A	Nicosia	
Vidan-Jeras,Blanka	Ljubljana	

Duquesnoy PhD,Rene	Pittsburgh	PA	Masuo,Kiyoe	Tokyo		Vilches,Dr Carlos	Madrid	
Eckels/CPMC,	San Francisco	CA	McAlack PhD,Robert	Philadelphia	PA	Walter Reed Army Med	Washington	DC
Eckels/Utah,	Salt Lake City	UT	McAlack-Balasub,	Philadelphia	PA	Ward & Osowski,	Hyattsville	MD
Elkhalifa MD PhD,Moh	Riyadh		McCluskey,Prof James	Adelaide		Wassmuth,Prof Ralf	Dresden	
Ellis PhD,Thomas	Milwaukee	WI	McIntyre PhD,John A.	Beech Grove	IN	Watkins PhD,David I.	Madison	WI
Esquenazi PhD,Violet	Miami	FL	Merenmies MD PhD,Jus	Helsinki		Wetmore,Marilyn	Allentown	PA
Esteves Kondo,Debra	Canoga Park	CA	Middleton,Prof Derek	Belfast		Wiltbank & Endres,Dr	Tempe	AZ
Esteves-Kondo,Debra	Canoga Park	CA	Miller,Dr Joshua	Miami	FL	Wisecarver PhD,James	Omaha	NE
Fernandez-Vina PhD,M	Houston	TX	Montague,Bridget	Leeds England		Yamamori PhD,Shunji	Tokyo	
Fischer,Dr Johannes	Dusseldorf		Moore MD,S.Breanndan	Rochester	MN	Yu_Neng/ARC,	Dedham	MA
Fotino MD,Marilena	New York	NY	Murad,Dr Shahnaz	Kuala Lumpur		Zachary PhD,Andrea	Baltimore	MD

B-CELL LINE TER-405

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0401/72	*1317	*0202/23	*0103	*0302	*0402					P-SSP,RVSSO
5488	Adams,Sharon	*040101	*1317	*0202	*0103	*030201	*0402	*0301	*0401	*0401	*0402	SBT,RSSO,SSP
4691	Ali,M.Ashraf	*04	*13	*+	*+	*03	*04					SSOP
2300	Allegheny Ge	*04	*13	*+	*+	*03	*04					SSP
5133	Baker,Judy	*04	*13	*02	*01	*03(DQ8)	*04					RVSSO
105	Ball,Edward	*0401/72	*1317	*0202	*0103	*0302	*0402	*0301	*0401	*0401	*0402/*8201	P-SSP
2020	Barnardo,Mar	*040101	*1317	*0202/05+	*0101-07	*030201	*0402	*0301-03	*0401-04	*0401	*0402/*0602	SSP,SBT
785	Chan,Soh Ha	*0401	*1317	*+	*01	*030201	*0402	*0301-03	*0401/02+			SBT
4492	Charron,D.	*0401/63	*1317	*0202	*0103	*0302	*0402	*0301	*0401	*0401	*0402	P-SSO,SSP
3224	Chen,Dongfen	*0401	*1317	*0202	*0103	*0302	*0402					SBT,SSP,SSO
3632	Colombe,Beth	*0401	*1317	*0202	*0103	*0302	*0402					SSP
3904	Cooper,Shann	*0401	*1317	*020201+	*01030101+	*030201-0202+	*0402					P-SSP
5130	Costeas,Paul	*0401	*1317	*0202	*0103	*0302	*0402	*0301	*0401			SSP
779	Daniel,Claud	*04	*1317	*01-*03	*01010101+	*030201-0204+	*0401/02					P-SSP
5219	Daniel,Dolly	*04	*13	*+	*+	*03	*04					P-SSP
3625	Darke,Chris	*0401	*1317	*02	*01	*0302	*0402	*03	*04	*0401	*0402/*0602	P-SSP
4269	Dormoy,Anne	*040101	*1317	*020201	*0103	*0302/11	*0402			*0401	*0402	P-SSP,SBT
5891	Du,Keming	*0401	*1317	*+	*+							P-SBT
856	Dupont,Bo	*0401	*1317	*+	*+	*0302/07	*0402					RVSSO,SSP
3511	Duquesnoy,Re	*0401	*1317	*0202	*0103	*0302	*0402					RVSSOP,SSP
5214	Eckels/CPMC	*04	*1317	*02	*01	*0302	*0402					SSOP
3428	Eckels/Utah	*0401/16+	*1317									SSOP
2332	Elkhalifa,Mo	*0401/63	*1317			*0302	*0402					SSO,SSP
4251	Ellis,Thomas	*0401	*1317	*0202/12	*0101/03+	*0302	*0402			*0401+	*0402/*0602+	P-SSO,SEQ
3135	Fischer,John	*0401	*1317	*0202	*0103	*0302	*0402			*0401	*0402/*0602	P-SSP,SBT
762	Fischer/Mayr	*0401	*1317	*0202	*0103	*0302	*0402	*0301	*0401			RSSO,SSP,SBT
8043	Gideoni,Osna	*0401	*1317			*0302	*0402					SSP
910	Hahn,Amy B.	*0401	*1317	*0202	*0103	*0302	*0402					SSP
2344	Hurley/Hartz	*040101	*1317			*030201	*0402					SBT,SSOP
771	Israel,Shosh	*0401	*1317			*0302	*0402					RVSSO,SSP
748	Jaramillo,An	*04	*13	*+	*+	*03(DQ8)	*04					SSP
859	Kamoun,Malek	*0401	*1317	*0202	*0103	*0302	*0402					P-SSO,SSP
797	Kato,Shunich	*0401	*1317			*0302	*0402					SSO,+SBT-DR
4864	Kim,Kyeong-H	*04	*13									P-SSOP
4337	Kim,Tai-Gyu	*0401	*1317			*0302	*0402			*0401	*0402	SBT
168	Klein,Tirza	*0401	*1317			*0302	*0402					P-SSP,SSO
278	Lee,Jar-How	*0401	*1317	*0202	*0103	*0302	*0402	*0301	*0401	*0401	*0402	SSP,RVSSOP
640	Lee,Kyung Wh	*0401	*1317			*0302	*0402	*030101	*040101			P-SBT
759	Lefor,W.M.	*0401/16+	*1317			*0302	*0402	*0301-03	*0401/02+			RVSSO
6649	Lim,Young Ae	*04	*13	*+	*+							P-SSP
274	Lo,Raymundo	*04	*13	*+	*+	*0302	*04					SSP
731	Loewenthal,R	*040101	*1317			*0302	*0402					SBT,SSO
23	Mah,Helen	*0401	*1317	*0202	*01	*0302	*0402					P-RFLP,SSP
8029	Mani,Rama	*04	*08	*+	*+	*03	*04					SSP
9916	McIntyre,Joh	*040101	*1317	*0202	*0103	*0302	*0402					SSP,SBT
794	Merenmies,Ju	*0401	*1317	*0202	*0103	*0302	*0402	*0301	*0401	*0401	*0402/*0602	SBT,SSP,SSO
792	Moore,S.Brea	*0401	*1301/17	*0202	*0103	*0302	*0402	*0301	*0401			P-SSP,SSO
5323	Murad,Shahna	*0401	*1317	*0203/08+	*0104/05+	*03(DQ8)	*04					P-SSP
774	Paik,Young K	*0401	*1317	*0202	*0103	*0302	*0402					SSP
3648	Pereira,Noem	*0401	*1317			*0302	*0402					SSP,RVSSO
3966	Permpikul&Ve	*0401	*1317	*0202	*0103	*0302	*0402					P-SSP
2400	Phelan,Donna	*0401	*1317	*02	*0103	*0302	*0402					RVSSO,SSP
16	Pidwell,Dian	*040101	*1317	*0202	*0103	*0302	*0402	*03	*04	*040101//+	*0402/*0602//+	RSSO,SSP,SBT
4689	Rajczy,Katal	*0401/72	*1317	*0202	*0103	*0302	*0402					P-SSP
3753	Reed,Elaine	*0401	*1317	*0202	*0103	*0302	*0402	*0301-03	*0401/02+			SBT,SSP,SSO
1160	Rosen-Bronso	*04	*1317	*02	*01	*0302	*0402					RSSO,SSP
793	Rubocki,Rona	*04	*13	*+	*+	*03(DQ8)	*04					P-SSP

B-CELL LINE TER-405

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5096	Seoul Red Cr	*04	*13									P-SSO
8042	Shainberg,Br	*0401	*1317			*0302	*0402					SSOP,SSP
8001	Sheikh,Maqso	*0401	*1317	*0202	*0103	*0302	*0402					SSP,RVSSOP
735	Smith/MI	*0401	*1317	*+	*+	*0302	*0402	*0301	*0401	*0401	*0402	SSP,SSOP
746	Stamm,Luz	*0401	*1317	*02	*01	*0302	*0402					RVSSO,SSP
13	Tagliere,Jac	*0401	*1317	*0202	*0103	*0302	*0402					SSP
747	Tiercy,Jean-	*040101	*1317	*0202	*0103	*030201	*0402			*0401	*0402	SSO,SSP,SBT
5451	Tilanus,Marc	*040101	*1317	*020201	*01030101	*030201	*0402	*030101	*040101	*040101	*0402	SBT
4021	Trachtenberg	*04	*1317	*02	*01/*0201N	*0302/07	*0402					RVSSOP
5462	Turner,E.V.	*0401	*1317	*0202	*0103	*0302	*0402			*0401	*0402	SSO,SSP,SEQ
5642	Varnavidou-N	*0401	*1317	*+	*+	*0302	*0402					P-SSP
705	Watkins,Dav	*040101	*1317	*+	*+	*0302/08/11+	*0401/02					P-SSP,SEQ
5670	Wetmore,Mari	*04	*1317	*0216	*+	*03	*04					SSP
2847	Yamamori,Shun	*04	*13			*03	*04					SSO,SSP

CTR	DIRNAME	DR4	DR13	DR52	DR53	DQ8	DQ4	OTH1	OTH2
3904	Cooper,Shann	+	+	+	+	+	+		
910	Hahn,Amy B.	+	+	+	+	DQ3	+	DR8	
4908	Kvam,Vonnet	+	DR8		+	+	+		
725	Lardy,N.M.	+		+	+	DQ3		DR11	
54	McAlack,Robe	+	DR8		+	+	+		
2400	Phelan,Donna	+	+	+	+	+	+		
16	Pidwell,Dian	+	DR13X8	+	+	DQ3	+		
793	Rubocki,Rona	+	+	+	+	+	+		

B-CELL LINE TER-405 (Caucasian)

71 DNA LABS

71 LABS REPORTING DRB1	
DRB1*04	34%
DRB1*0401	52%
DRB1*040101	14%
DRB1*04	100% TOTAL
DRB1*13	17%
DRB1*1317	82%
DRB1*13	99% TOTAL

66 LABS REPORTING DQB1	
DQB1*03	23%
DQB1*0302	68%
DQB1*030201	9%
DQB1*03	100% TOTAL
DQB1*04	20%
DQB1*0402	80%
DQB1*04	100% TOTAL

55 LABS REPORTING DRB3	
DRB3*+	27%
DRB3*0202	47%
DRB3*020201	4%
DRB3*0216	2%
DRB3*02	20%

55 LABS REPORTING DRB4	
DRB4*+	27%
DRB4*0103	51%
DRB4*01030101	2%
DRB4*01	20%

17 LABS REPORTING DQA1	
DQA1*03	35%
DQA1*0301	53%
DQA1*030101	12%
DQA1*03	100% TOTAL
DQA1*04	35%
DQA1*0401	53%
DQA1*040101	12%
DQA1*04	100% TOTAL

16 LABS REPORTING DPB1	
DPB1*0401	87%
DPB1*040101	13%
DPB1*0401	100% TOTAL
DPB1*0402	100%

8 SEROLOGY LABS

DR4	100%
DR13	50%
DR13X8	13%
DR8	25%
DR52	75%
DR53	100%

DQ3	37%
DQ8	63%
DQ3	100% TOTAL
DQ4	88%

B-CELL LINE TER-406

CTR	DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0301/32/34+	*1306	*0101	*0201	*0603					P-SSP,RVSSO
5488	Adams,Sharon	*030101	*1306	*0101	*020101	*060301	*0103	*0501	*0101	*0301	SBT,RSSO,SSP
4691	Ali,M.Ashraf	*03		*+	*02						SSOP
2300	Allegheny Ge	NT									
5133	Baker,Judy	*03(DR17)	*13	*01	*02	*06					RVSSO
105	Ball,Edward	*0301/34/36	*1306	*0101	*0201	*0603	*0103	*0501	*0101	*0301	P-SSP
2020	Barnardo,Mar	*0301/11/13+	*1306	*0101/03-06+	*0201	*0603	*0103	*0501	*0101	*0301/*0502	SSP
785	Chan,Soh Ha	*0301	*1306	*+	*0201	*0603	*0103	*0501/03+			SBT
4492	Charron,D.	*0301/32	*1306	*0101	*0201	*0603	*0103	*0501	*0101	*0301/*9201	P-SSO,SSP
3224	Chen,Dongfen	*0301	*1306	*0101	*0201	*0603/28					SBT,SSP,SSO
3632	Colombe,Beth	*0301	*1306	*0101	*0201	*0603					SSP
3904	Cooper,Shann	*030101/0103+	*1306	*0101	*0201	*0603/28					P-SSP
5130	Costeas,Paul	*0301/32	*1306	*0101/06	*0201	*0603	*0103	*0501			SSP
779	Daniel,Claud	*03(DR17)	*13	*01-*03	*020101-04	*06					P-SSP
5219	Daniel,Dolly	*03		*+	*02	*06					P-SSP
3625	Darke,Chris	*0301	*1306	*01	*0201	*0603	*0103	*05	*0101	*0301/*0502+	P-SSP
4269	Dormoy,Anne	NT									
5891	Du,Keming	*0301	*1306	*+							P-SBT
856	Dupont,Bo	*0301	*1306	*01,*0301	*0201/02	*0603/14					RVSSO,SSP
3511	Duquesnoy,Re	*0301	*1306	*0101	*0201	*0603					RVSSOP,SSP
5214	Eckels/CPMC	*03	*1306	*01	*02	*06					SSOP
3428	Eckels/Utah	*0301/04/13+	*1306								SSOP
2332	Elkhalifa,Mo	*0301	*1306		*0201	*0603					SSO,SSP
4251	Ellis,Thomas	*0301	*1306	*01	*0201	*0603			*0101+	*0301/*0502+	P-SSO,SEQ
3135	Fischer,John	*0301	*1306	*0101	*0201/04	*0603			*0101	*0301/*0502	P-SSP,SBT
762	Fischer/Mayr	*0301	*1306	*0101	*0201	*0603	*0103	*0501			RSSO,SSP,SBT
8043	Gideoni,Osna	*0301	*1306		*0201	*0603/28					SSP
910	Hahn,Amy B.	*0301/28/32	*1306	*0101	*0201	*0603/28					SSP
2344	Hurley/Hartz	*030101	*1306		*020101	*0603					SBT,SSOP
771	Israel,Shosh	*0301	*1306		*0201	*0603					RVSSO,SSP
748	Jaramillo,An	*03(DR17)	*13	*+	*02	*06					SSP
859	Kamoun,Malek	*0301	*1306	*0101	*0201	*0603					P-SSO,SSP
797	Kato,Shunich	*0301	*1306		*0201/02/04	*0603/28					SSO,+SBT-DR
4864	Kim,Kyeong-H	*03	*13								P-SSOP
4337	Kim,Tai-Gyu	*0301	*1306		*0201	*0603			*0101	*0301	SBT
168	Klein,Tirza	*0301	*1306		*0201	*0603					P-SSP,SSO
278	Lee,Jar-How	*0301	*1306	*0101	*0201	*0603/28	*0103	*0501	*0101	*0301	SSP,RVSSOP
640	Lee,Kyung Wh	*0301	*1306		*0201	*0603	*0103	*050101			P-SBT
759	Lefor,W.M.	*0301/04/13+	*1306		*0201	*0603/28	*0103	*0501			RVSSO
6649	Lim,Young Ae	*03	*13	*+							P-SSP
274	Lo,Raymundo	*0301	*13	*+	*02	*06					SSP
731	Loewenthal,R	*030101	*1306		*0201	*0603/14					SBT,SSO
23	Mah,Helen	*0301	*1306	*0101	*0201	*0603					P-RFLP,SSP
8029	Mani,Rama	*03	*08	*+	*02	*06					SSP
9916	McIntyre,Joh	*030101	*1306	*0101	*0201	*0603					SSP,SBT
794	Merenmies,Ju	*0301	*1306	*0101	*0201	*0603	*0103	*0501	*0101+	*0301/*0502+	SBT,SSP,SSO
792	Moore,S.Brea	*0301	*1306	*0101	*0201	*0603	*0103	*0501			P-SSP,SSO
5323	Murad,Shahna	*0301/28/32+	*1306	*0101/11							P-SSP
774	Paik,Young K	*030101	*1306	*0101	*0201	*0603/28					SSP
3648	Pereira,Noem	*030101	*1306		*02	*06					SSP,RVSSO
3966	Permpikul&Ve	*0301	*1306	*0101	*0201	*0603					P-SSP
2400	Phelan,Donna	*0301	*1306	*01	*0201	*0603					RVSSO,SSP
16	Pidwell,Dian	*030101	*1306	*0101	*0201	*0603/28	*0103	*0501	*010101//+	*030101/*0502//+	RSSO,SSP,SBT
4689	Rajczy,Katal	*0301/34/36	*1306	*0101,*0202+	*0201	*0603					P-SSP
3753	Reed,Elaine	*0301	*1306	*0101	*0201	*0603	*0103	*0501			SBT,SSP,SSO
1160	Rosen-Bronso	*0301	*1306	*01	*02	*06					RVSSO,SSP
793	Rubocki,Rona	*03(DR17)	*13	*+	*02	*06					P-SSP

B-CELL LINE TER-406

CTR	DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5096	Seoul Red Cr	*03	*13								P-SSO
8042	Shainberg,Br	*0301	*1306		*0201	*0603/28					SSOP,SSP
8001	Sheikh,Maqso	*0301	*1306	*0101	*0201	*0603/28					SSP,RVSSOP
735	Smith/MI	*0301	*1306	*+	*0201	*0603/28	*0103	*0501	*0101	*0301	SSP,SSOP
746	Stamm,Luz	*0301	*1306	*01	*0201	*0603					RVSSO,SSP
13	Tagliere,Jac	*0301	*1306	*0101	*0201	*0603					SSP
747	Tiercy,Jean-	*030101	*1306	*0101	*0201	*060301			*0101	*0301	SSO,SSP,SBT
5451	Tilanus,Marc	*030101	*1306	*010102	*020101	*060301	*0103	*050101	*010101	*030101	SBT
4021	Trachtenberg	*03	*1306	*01	*0201	*06					RVSSOP
5462	Turner,E.V.	*0301	*1306	*0101	*0201	*0603			*0101	*0301	SSO,SSP,SEQ
5642	Varnavidou-N	*030101	*1306	*+	*0201	*0603					P-SSP
705	Watkins,Dav	*030101	*1306	*+	*0201-05	*0601g					P-SSP,SEQ
5670	Wetmore,Mari	*03	*13	*+	*02	*0603					SSP
2847	Yamamori,Shun	*03	*13		*02	*06					SSO,SSP

CTR	DIRNAME	DR17	DR13	DR52	DQ2	DQ1	OTH1	OTH2
3904	Cooper,Shann	+	+	+	+	+		
910	Hahn,Amy B.	DR3	+	+	+	+		
4908	Kvam,Vonnet	+		+	+	+		
725	Lardy,N.M.	DR3	+	+	+	+		
54	McAlack,Robe	+	+	+	+	DQ6		
2400	Phelan,Donna	+	+	+	+	+		
16	Pidwell,Dian	DR3	+	+	+	DQ6		
793	Rubocki,Rona	+	+	+	+	DQ6		

B-CELL LINE TER-406

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*03	36%
DRB1*0301	48%
DRB1*030101	16%
DRB1*03	100% TOTAL
DRB1*13	15%
DRB1*1306	81%
DRB1*13	96% TOTAL

63 LABS REPORTING DQB1

DQB1*02	27%
DQB1*0201	68%
DQB1*020101	5%
DQB1*02	100% TOTAL
DQB1*06	24%
DQB1*0603/28	19%
DQB1*0603	51%
DQB1*060301	4%
DQB1*06	98% TOTAL

53 LABS REPORTING DRB3

DRB3*+	26%
DRB3*0101	47%
DRB3*010102	2%
DRB3*01	25%

17 LABS REPORTING DQA1

DQA*0103	100%
DQA1*05	12%
DQA1*0501	76%
DQA1*050101	12%
DQA1*05	100% TOTAL

15 LABS REPORTING DPB1

DPB1*0101	87%
DPB1*010101	13%
DPB1*0101	100% TOTAL
DPB1*0301	87%
DPB1*030101	13%
DPB1*0301	100% TOTAL

8 SEROLOGY LABS

DR3	37%
DR17	63%
DR3	100% TOTAL
DR13	88%
DR52	100%

DQ2	100%
DQ1	63%
DQ6	37%
DQ1	100% TOTAL

	SERUM NO. 953												SERUM NO. 954											
	% POS	% 8'S	B 7	B 4 2	B 5 5	B 2 7	B 8 1	B 5 6	B 5 4	B 6 7	B 1 3	B 2 2		% POS	% 8'S	B 7	B 2 7	B 8 1	B 4 2	B 6 0	B 6 1	B 1 3	B 5 5	B 4 7	B 6 7	METHOD
Alvarez & Ca	37	100	+		+	+					+		B57	31	100	+	+					+	+			B54	(3)
Baker,Judy	19	???		+		+	+						B60,B73	21	???	+	+										(4)
Berka,Noured	88	100	+	+	+	+	+	+			+		B61,B60,A80	38	100	+	+	+	+	+						A66	(4)
Burger,Joe	50	100	+	+	+	+	+	+	+				B82,B61,B60	27	100	+	+	+	+	+	+	+		+		B48,A66	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+			8201,B73	???	???	+	+	+	+	+	+			+	+	B73,A66	(3)
Choo,Yoon MD	95	100	+	+	+	+	+	+	+	+				58	100	+	+	+	+	+	+				+	B56	(3)
Claas,F.H.J.	39	100	+	+			+					+	B82	70	100	+	+	+	+			+		+		B40,B22,B48	(6)
Cohen,Jacque	89	???	+	+		+	+					+	B82,B73,B41	56	???	+	+	+	+					+		B73,B40,B22	(3)
Cooper,E. Sh	19	0	+	+	+	+	+	+						5	0	+		+									(4)
Darke,Christ	???	???	+	+	+	+	+	+		+			2708,B82,B73	???	???	+	+	+		+	+			+		2708,B48,B73>	(3)
Dunckley,Hea	28	88	+	+	+			+						48	94	+	+		+			+		+		B41	(1)
Dunk,Arthur	38	100	+	+	+	+	+	+					B57,B48,B62>	20	100	+	+	+	+							B48	(6)
Dunn,Dale Dr	27	100	+	+	+		+	+				+	A66	17	100	+	+	+									(4)
Dunn,Paul Ph	40	100	+		+	+		+	+				B57,B58	45	100	+	+			+		+	+			B8,B54,B56,B65	(2)
Eckels/CPMC,	96	???	+	+	+	+			+		+		B38,B39,B41>	98	???	+	+	+	+	+	+	+	+			B48,B56	(4)
Elkhalifa MD	93	???	+	+	+	+	+	+	+	+				56	???	+	+	+			+	+		+	+	B54	(3)
Ellis,Thomas	96	???	+	+		+	+			+		+	B5,A2	80	???	+	+	+				+			+	B22,B40,B48	(3)
Esteves Kond	12	0		+	+			+						16	0	+		+									(1)
Esteves-Kond	96	100	+	+	+	+		+	+		+		B60,B61,B71	88	100	+	+		+	+			+			B54,B56,A29>	(3)
Fotino,Maril	25	100	+		+			+						27	100	+	+										(4)
Foxcroft,Z.K	22	60	+	+	+		+	+	+				A30,A74	26	100	+	+	+								A74,B39,B73>	(1)
Gautreaux,Mi	94	???	+	+	+	+	+	+	+				B82	64	???	+	+	+		+	+		+	+		B56,B82	(3)
Gideoni,Osna	98	100	+	+	+	+	+	+	+		+	+	B60	86	100	+	+	+	+	+	+	+				B40,B56,A26	(3)
Hahn,Amy B.	88	100	+	+		+					+	+	B40,B8C,B5C	31	100	+	+	+	+	+	+					B73	(4)
Hamdi,Nuha D	95	100	+				+						CW17,B63,CW15>	53	100	+	+		+		+			+	+	CW5,CW6,CW1>	(3)
Han,Hoon Dr	38	???	+	+	+	+			+				A31	45	???	+	+		+	+				+			(3)
Harville/ACH	???	???	+	+	+	+	+	+	+	+			8201,B73	???	???	+	+	+	+				+		+	A66,8201,B48>	(3)
Hogan,Patric	36	76	+		+			+						36	96	+	+										(1)
Holdsworth,R	100	???	+	+	+	+	+	+					B57,B62,B58>	100	???	+	+	+	+	+	+			+		B56,B48,B63	(5)
Israel,Shosh	26	80	+	+	+		+	+	+					56	100	+	+	+	+			+	+			B65,B54,B73,A1	(2)
Jaramillo,An	94	???	+	+		+	+			+		+	B82,B73	72	???	+	+	+	+						+	B73,B40,A29	(3)
Kamoun,Malek	89	???	+	+		+	+			+		+	B73,B82,B5C>	62	???	+	+	+	+	+	+		+		+	B54,B56	(3)
Klein,Jon MD	86	100	+	+	+	+	+	+	+		+		B57,B35	47	100	+	+	+	+	+	+		+			B56,B41,B48	(4)
Klein,Tirza	98	100	+	+	+		+	+	+				B39,B45,B62	66	100	+	+	+	+	+	+	+	+			B40	(3)
Lardy,N.M. D	44	100	+		+	+		+					B49,B57,B58	59	100	+	+			+	+	+	+			B44,B58,B57>	(2)
Loewenthal M	100	???	+	+	+		+	+	+		+		A29,A26,A66	82	???	+	+	+		+	+	+				A80,B40,B53>	(3)
MacCann,Eile	100	???	+	+	+	+	+	+	+		+			78	???	+	+	+	+	+	+	+	+			B48	(3)
Mah,Helen	48	92	+		+	+		+					B39	30	83	+	+										(4)
McAlack,Robe	25	100	+	+		+	+			+		+	B41,B57	18	100	+	+	+	+				+		+	B40,B56	(5)
McAlack-Bala	96	100	+	+	+	+	+	+			+		B82	64	100	+	+	+	+	+	+	+				B48	(3)
McCluskey,Ja	19	100	+		+									51	100	+											(6)
Moore,S.Brea	53	???	+	+	+	+	+	+		+			2708,B82	35	???	+	+	+	+	+				+	+	2708,B73	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			B82,B73	???	???	+	+	+	+	+	+			+	+	B73,6602	(3)
Paik,Young K	71	100	+	+		+	+					+	B39,B62,B63>	38	100	+	+	+	+							B22,B48	(4)
Pais,Maria L	5	???											???	5	???											???	(1)
Pereira,Noem	???	???	+	+	+	+	+	+		+			2708,B73,B82	???	???	+	+	+	+				+		+	2708,B73,A66>	(3)
Permpikul &	22	100	+			+						+		24	100	+	+			+			+			B56	(1)
Phelan,Donna	78	???											B7C,B5C,B8C	48	???											B7C,B17,B57>	(6)
Pidwell,Dian	32	100	+	+	+		+	+					B63,B51	22	80	+	+	+									(2)
Rosen-Bronso	97	100		+	+	+	+	+	+	+			B35,B62,B37	56	100	+	+	+	+	+	+		+	+		B54,B56	(3)
Smith/MI,	31	???	+	+	+	+	+	+	+				B73	14	???	+	+	+									(4)
Suciu-Foca,N	82	100	+	+		+	+				+	+	B18,B17	33	78	+	+		+							B40	(6)
Tagliere,Jac	26	33	+	+	+			+	+					20	100	+	+										(2)

	SERUM NO. 953												SERUM NO. 954											
	% POS	% 8'S	B 7	B 4 2	B 5 5	B 2 7	B 8 1	B 5 6	B 5 4	B 6 7	B 1 3	B 2 2		% POS	% 8'S	B 7	B 2 7	B 8 1	B 4 2	B 6 0	B 6 1	B 1 3	B 5 5	B 4 7	B 6 7		METHOD
Turner,E.V.	???	???	+	+	+	+	+			+			B5C,B7C,B8C>	???	???	+	+	+	+						+	B7C,B5C,B12C>	(3)
Ward & Osows	67	100	+	+	+	+	+				+		B51,B52,B57>	10	100	+		+									(4)

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 55 TYPING LABS ***			*** 55 TYPING LABS ***		
B7	91%	0.973	B7	96%	0.980
B42	80%	0.979	B27	89%	0.966
B55	75%	1.000	B81	69%	1.000
B27	71%	0.961	B42	56%	0.934
B81	69%	1.000	B60	44%	0.882
B56	64%	1.000	B61	38%	0.944
B54	38%	1.000	B13	29%	0.813
B67	25%	1.000	B55	27%	1.000
B13	24%	0.957	B47	25%	1.000
B22	22%	1.000	B67	24%	1.000
B82	20%	1.000	B56	24%	0.947
B73	18%	1.000	B73	22%	1.000
B57	15%	0.944	B48	22%	0.941
B60	9%	1.000	B40	16%	1.000
B62	9%	1.000	B54	15%	0.900
B39	7%	1.000	A66	11%	1.000
B63	7%	0.875	B22	7%	1.000
B8C	7%	0.843	2708	5%	1.000
B5C	7%	0.842	6602	4%	1.000
B58	7%	0.833	A29	4%	1.000
2708	5%	1.000	A80	4%	1.000
B35	5%	1.000	B65	4%	1.000
B41	5%	1.000	CW1	4%	0.909
B61	5%	1.000	B7C	4%	0.860
8201	4%	1.000	B57	4%	0.843
A66	4%	1.000	B58	4%	0.843
B17	4%	1.000	B41	4%	0.400
B48	4%	1.000			
B7C	4%	0.819			
B51	4%	0.700			

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

*** 55 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: All

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 6 TYPING LABS ***

B55	67%	1.000
B56	67%	1.000
B7	67%	0.915
B42	50%	0.818
???	17%	1.000
A74	17%	1.000
B22	17%	1.000
B54	17%	1.000
B81	17%	1.000
A30	17%	0.800
B27	17%	0.250

*** 6 TYPING LABS ***

B7	83%	0.961
B27	67%	0.857
B81	33%	1.000
???	17%	1.000
A74	17%	1.000
B42	17%	1.000
B47	17%	1.000
B73	17%	1.000
B77	17%	1.000
B56	17%	0.750
B39	17%	0.600
B41	17%	0.500
B60	17%	0.500
B13	17%	0.333

*** 6 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: JUN 11 2008 **********

Method: NIH-std

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 5 TYPING LABS ***

B55	100%	1.000
B56	100%	1.000
B7	100%	0.957
B42	60%	1.000
B54	60%	1.000
B27	40%	1.000
B57	40%	1.000
B81	40%	1.000
B58	40%	0.750
B49	20%	1.000
B63	20%	1.000
B51	20%	0.571

*** 5 TYPING LABS ***

B7	100%	1.000
B27	100%	0.941
B55	60%	1.000
B13	60%	0.800
B54	40%	1.000
B60	40%	1.000
B65	40%	1.000
B81	40%	1.000
A1	20%	1.000
B8	20%	1.000
B42	20%	1.000
B56	20%	1.000
B73	20%	1.000
B44	20%	0.556
B50	20%	0.500
B57	20%	0.500
B58	20%	0.500
B61	20%	0.500

*** 5 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: JUN 11 2008 **********

Method: NIH-ext

	%	%	B	B 2 7	B 4 2	B 8 1	B 5 5	B 5 6	B 6 7	B 5 4	B 8 2	B 7 3		%	%	B	B 2 7	B 4 2	B 8 1	B 6 0	B 6 1	B 4 7	B 6 7	B 1 3	B 7 3		
	POS	8'S	7											POS	8'S	7											METHOD
Alvarez & Ca	37	100	+	+			+						B13,B57	31	100	+	+							+		B54,B55	(F-3)
Baker,Judy	95	???	+	+	+	+	+	+	+	+	+	+		60	???	+	+	+	+	+	+	+	+		+	B56	(L-3)
Burger,Joe	50	100	+	+	+	+	+	+		+	+		B61,B60	27	100	+	+	+	+	+	+	+		+		B48,A66	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+		+	8201	???	???	+	+	+	+	+	+	+	+		+	A66	(L-3)
Choo,Yoon MD	95	100	+	+	+	+	+	+	+	+				58	100	+	+	+	+	+	+		+			B56	(L-3)
Cohen,Jacque	89	???	+	+	+	+					+	+	B22,B41	56	???	+	+	+	+			+			+	B40,B22	(L-3)
Darke,Christ	???	???	+	+	+	+	+	+	+		+	+	2708	???	???	+	+		+	+	+	+			+	2708,B48,B54	(L-3)
Dunn,Paul Ph	???	???	+	+									A31,B8,B13,B18>	???	???	+	+	+				+		+		A29,A43,A66,B8>	(L-3)
Eckels/CPMC,	96	???	+	+									B8,B13,B18,B35>	98	???	+	+	+				+		+		A29,A43,A66>	(LF-3)
Elkhalifa MD	93	???	+	+	+	+	+	+	+	+				56	???	+	+		+		+	+	+	+		B54	(L-3)
Ellis,Thomas	96	???	+	+	+	+			+				B22,B5,A2	80	???	+	+		+				+	+		B22,B40,B48	(LF-3)
Esteves-Kond	96	100	+	+	+		+	+		+			B13,B60,B61>	88	100	+	+	+		+						B54,B55,B56>	(F-3)
Fotino,Maril	95	100	+	+	+	+	+	+	+			+	8201	55	100	+	+	+	+	+		+	+		+	A66,B56	(L-3)
Gautreaux,Mi	94	???	+	+	+	+	+	+		+	+			64	???	+	+		+	+	+	+				B56,B55,B82	(L-3)
Gideoni,Osna	98	100	+	+	+	+	+	+		+			B22,B13,B60	86	100	+	+	+	+	+	+			+		B40,B56,A26	(L-3)
Hamdi,Nuha D	95	100	+			+							CW17,B63,CW15>	53	100	+	+	+			+	+	+			CW5,CW6,CW1>	(L-3)
Han,Hoon Dr	38	???	+	+	+		+			+			A31	45	???	+	+	+		+		+					(L-3)
Harville/ACH	???	???	+	+	+	+	+	+	+	+		+	8201	???	???	+	+	+	+				+		+	B55,A66,8201>	(L-3)
Jaramillo,An	94	???	+	+	+	+			+		+	+	B22	72	???	+	+	+	+				+		+	B40,A29	(LF-3)
Kamoun,Malek	89	???	+	+	+	+			+		+	+	B22,B5C,B8C	62	???	+	+	+	+	+	+		+			B54,B55,B56	(L-3)
Klein,Tirza	98	100	+		+	+	+	+		+			B39,B45,B62	66	100	+	+	+	+	+	+			+		B40,B55	(L-3)
Loewenthal M	100	???	+		+	+	+	+		+			B13,A29,A26>	82	???	+	+		+	+	+			+		A80,B40,B53>	(L-3)
MacCann,Eile	100	???	+	+	+	+	+	+		+			B13	78	???	+	+	+	+	+	+			+		B55,B48	(L-3)
McAlack-Bala	96	100	+	+	+	+	+	+			+		B13	64	100	+	+	+	+	+	+			+		B48	(L-3)
McCluskey,Ja	98	???	+		+	+	+	+		+	+			90	???	+		+	+	+		+		+		B54,B48,B55>	(L-3)
Moore,S.Brea	53	???	+	+	+	+	+	+	+		+		2708	35	???	+	+	+	+	+		+	+		+	2708	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	6602	(L-3)
Paik,Young K	95	???	+	+	+	+			+		+	+	B17,B22	56	???	+	+	+	+				+	+	+	B22,B40,B82	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+		+	+	2708	???	???	+	+	+	+				+		+	2708,B55,A66>	(L-3)
Phelan,Donna	46	???											B7C,B5C,B8C>	30	???	+	+			+	+			+		A29,A66,B54>	(L-3)
Pidwell,Dian	???	???	+	+	+		+	+	+	+			8201,8101,B63	???	???	+	+	+		+	+	+	+			8101,B48,B55	(F-3)
Rosen-Bronso	97	100		+	+	+	+	+	+	+			B35,B62,B37	56	100	+	+	+	+	+	+	+				B54,B55,B56	(F-3)
Smith/MI,	95	???	+	+									B8,B13,B18,B35>	60	???	+	+	+				+		+		A29,6602,B48>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+		+	+	B57	???	???	+	+	+	+	+		+	+		+	B56,A66	(L-3)
Turner,E.V.	???	???	+	+	+	+	+		+				B5C,B7C,B8C>	???	???	+	+	+	+				+		+	B7C,B5C,B12C>	(L-3)
Ward & Osows	90	???	+	+	+	+	+	+	+	+	+	+		69	???	+	+	+	+		+				+	B55,6602,B82>	(LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 36 TYPING LABS ***			*** 36 TYPING LABS ***		
B7	94%	1.000	B7	100%	1.000
B27	86%	1.000	B27	97%	1.000
B42	83%	1.000	B42	83%	1.000
B55	77%	1.000	B81	74%	1.000
B81	77%	1.000	B60	63%	1.000
B56	66%	1.000	B47	54%	1.000
B54	51%	1.000	B61	54%	1.000
B67	51%	1.000	B67	46%	1.000
B82	43%	1.000	B13	43%	0.950
B73	37%	1.000	B73	40%	1.000
B13	26%	1.000	B55	37%	1.000
B22	14%	1.000	B56	34%	1.000
2708	11%	1.000	A66	29%	0.974
8201	11%	1.000	B48	26%	1.000
B35	11%	1.000	B54	26%	0.909
B37	11%	1.000	B40	17%	1.000
B5C	9%	1.000	A29	17%	0.971
B8C	9%	1.000	2708	11%	1.000
B8	9%	1.000	6602	11%	1.000
B18	9%	1.000	A80	9%	1.000
B38	9%	1.000	B82	9%	1.000
B39	9%	1.000	A43	6%	1.000
B41	9%	1.000	B22	6%	1.000
B60	9%	1.000	CW1	6%	0.909
A31	6%	1.000			
B7C	6%	1.000			
B57	6%	1.000			
B61	6%	1.000			
B62	6%	1.000			
B63	6%	1.000			
CW10	6%	1.000			
CW15	6%	1.000			

*** 35 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Luminex/Flow

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

	% POS	% 8'S	B 7	B 4 2	B 2 7	B 5 5	B 8 1	B 5 6	B 1 3	B 5 4	B 3 9	B 2 2		% POS	% 8'S	B 7	B 2 7	B 8 1	B 4 2	B 6 1	B 6 0	B 4 8	B 5 6	B 5 5		METHOD
Baker,Judy	19	???		+	+		+						B60,B73	21	???	+	+									(4)
Berka,Noured	88	100	+	+	+	+	+	+	+				B61,B60,A80	38	100	+	+	+	+	+	+				A66	(4)
Cooper,E. Sh	19	0	+	+	+	+	+	+						5	0	+		+								(4)
Dunn,Dale Dr	27	100	+	+		+	+	+				+	A66	17	100	+	+	+								(4)
Eckels/CPMC,	96	???	+	+	+	+			+	+	+		B38,B41,B48	98	???	+	+	+	+	+	+	+	+	+	B13	(4)
Fotino,Maril	25	100	+			+		+						27	100	+	+									(4)
Hahn,Amy B.	88	100	+	+	+				+			+	B40,B8C,B5C	31	100	+	+	+	+	+	+				B73	(4)
Klein,Jon MD	86	100	+	+	+	+	+	+	+	+			B57,B35	47	100	+	+	+	+	+	+	+	+	+	B41	(4)
Mah,Helen	48	92	+		+	+		+			+			30	83	+	+									(4)
Paik,Young K	71	100	+	+	+		+				+	+	B62,B63,B17	38	100	+	+	+	+			+			B22	(4)
Smith/MI,	31	???	+	+	+	+	+	+		+			B73	14	???	+	+	+								(4)
Ward & Osows	67	100	+	+	+	+	+		+				B51,B52,B57>	10	100	+		+								(4)

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 12 TYPING LABS ***

B7	92%	1.000
B27	83%	1.000
B42	83%	1.000
B55	75%	1.000
B81	67%	1.000
B56	58%	1.000
B13	42%	0.917
B22	25%	1.000
B39	25%	1.000
B54	25%	1.000
B57	17%	1.000
B60	17%	1.000
B73	17%	1.000
A66	8%	1.000
A80	8%	1.000
B17	8%	1.000
B35	8%	1.000
B38	8%	1.000
B40	8%	1.000
B41	8%	1.000
B48	8%	1.000
B51	8%	1.000
B52	8%	1.000
B58	8%	1.000
B61	8%	1.000
B62	8%	1.000
B63	8%	1.000
B8C	8%	0.944
B5C	8%	0.889

*** 12 TYPING LABS ***

B7	100%	0.962
B27	83%	1.000
B81	75%	1.000
B42	42%	0.889
B60	33%	0.909
B61	33%	0.875
B48	25%	0.800
B55	17%	1.000
B56	17%	1.000
A66	8%	1.000
B13	8%	1.000
B22	8%	1.000
B73	8%	1.000
B41	8%	0.333

*** 12 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Antiglobulin

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

	% POS	% 8'S	B 7	B 4 2	B 2 7	B 8 1	B 6 7	B 5 7	B 2 2	B 5 6	B 5 5	B 4 1		% POS	% 8'S	B 7	B 2 7	B 8 1	B 6 7	B 4 2	B 6 0	B 5 6	B 4 7	B 6 1	B 5 5		METHOD
Esteves-Kond	88	100	+	+	+		+	+		+	+	+	B54,B13	73	100	+	+		+		+	+	+	+	+	B13,B54	(5)
Hahn,Amy B.	15	???	+	+	+	+	+		+				B5C,B8C	13	???	+	+	+	+	+	+		+			B48	(5)
Holdsworth,R	100	???	+	+	+	+		+		+	+		B62,B58,B35	100	???	+	+	+		+	+	+	+	+		B48,B63	(5)
McAlack,Robe	25	100	+	+	+	+	+	+	+			+		18	100	+	+	+	+	+			+		+	B40	(5)
Paik,Young K	45	100	+	+	+	+	+		+				B17	36	100	+	+	+	+	+						B13,B22,B40	(5)

********** SERUM NO. 953 ********** ********** SERUM NO. 954 **********

*** 5 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B42	100%	1.000
B67	80%	1.000
B81	80%	1.000
B22	60%	1.000
B57	60%	1.000
B41	40%	1.000
B55	40%	1.000
B56	40%	1.000
B5C	20%	1.000
B8C	20%	1.000
B13	20%	1.000
B35	20%	1.000
B54	20%	1.000
B58	20%	1.000
B62	20%	1.000
B17	20%	0.833

*** 5 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B42	80%	1.000
B67	80%	1.000
B81	80%	1.000
B47	60%	1.000
B56	60%	1.000
B60	60%	1.000
B13	40%	1.000
B48	40%	1.000
B55	40%	1.000
B61	40%	1.000
B40	40%	0.600
B54	20%	1.000
B63	20%	1.000
B22	20%	0.625

*** 5 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Elisa

	SERUM NO. 955												SERUM NO. 956											
	% POS	% 8'S	B 7	B 8 1	B 4 2	B 5 6	B 5 5	B 5 4	B 6 7	B 8 2	B 6 4	B 2 7		% POS	% 8'S	B 7	B 4 2	B 8 1	B 4 5	B 8	B 6 0	B 5 5	B 5 6	B 6 2	B 6 7	METHOD
Alvarez & Ca	28	50	+				+							83	???										???	(3)
Baker,Judy	2	???		+										29	???		+			+					B39,B41,B44>	(4)
Berka,Noured	38	100	+	+	+								B60,A80	82	100	+	+	+		+	+	+	+			B61,B27,B72	(4)
Burger,Joe	12	100	+	+	+	+	+	+		+		+		33	100	+	+	+	+	+	+	+				B61,B35,B75	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+		+	+	8201	???	???	+	+	+	+					+	+	B75,B76,8201>	(3)
Choo,Yoon MD	29	100	+	+	+	+	+	+	+					96	100	+			+	+	+				+	B44,B39,B61	(3)
Claas,F.H.J.	38	100	+	+	+					+			B22	94	95											BW6	(6)
Cohen,Jacque	25	???	+	+	+				+	+	+		B22,2708	93	???	+		+	+							B22,B82,B64>	(3)
Cooper,E. Sh	2	0		+										5	0		+	+									(4)
Darke,Christ	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+	+	+	+				+	+	+	2708,B76,B82	(3)
Dunckley,Hea	17	33	+											26	57	+	+				+					B48,B41	(1)
Dunk,Arthur	15	75	+	+	+									52	100	+	+	+	+		+	+	+			B27,B39,B61	(6)
Dunn,Dale Dr	7	50	+	+										10	50	+		+		+							(4)
Dunn,Paul Ph	9	100	+											43	???	+			+		+	+	+			A24,A26,B35>	(2)
Eckels/CPMC,	74	???	+	+	+	+	+	+						98	???	+	+		+	+						A25,A32,B18>	(4)
Elkhalifa MD	25	???	+	+	+	+	+	+	+				B39	85	???	+						+	+		+	B71,B76,B61>	(3)
Ellis,Thomas	51	???	+	+	+				+				B22,B48	95	???	+										BW6,B12,B27>	(3)
Esteves Kond	2	???											???	0	0												(1)
Esteves-Kond	62	100	+	+	+	+	+	+						98	100	+	+	+		+	+	+	+		+	B18,B54	(3)
Fotino,Maril	20	100	+											20	100	+											(4)
Foxcroft,Z.K	12	0	+	+	+								A69,A74,B77	3	0	+	+	+								A74,B77	(1)
Gautreaux,Mi	32	???	+	+	+	+	+	+		+				86	???	+	+	+		+						B54,B18,B39	(3)
Gideoni,Osna	46	100	+	+	+	+	+	+		+			A80	100	100	+	+	+		+	+	+	+			B54,B61,B82	(3)
Hahn,Amy B.	21	100	+	+	+	+	+						B41	79	80											BW6,B27	(4)
Hamdi,Nuha D	25	100	+	+	+	+	+		+					82	100	+						+	+			A34,B61,A31>	(3)
Han,Hoon Dr	35	???	+		+	+	+	+			+		A31	53	???	+	+					+		+		B39	(3)
Harville/ACH	???	???	+	+	+	+	+		+		+	+	8201,B39	???	???	+	+	+	+	+		+		+		B27,8201,B64	(3)
Hogan,Patric	14	30	+											24	41	+											(1)
Holdsworth,R	100	???	+	+	+	+	+					+		100	???	+	+	+	+	+				+		B27,B18,B48>	(5)
Israel,Shosh	30	40	+										B18	12	75	+		+									(2)
Jaramillo,An	28	???	+	+	+				+	+	+	+	B22	73	???	+			+					+	+	B75,B27,B76>	(3)
Kamoun,Malek	24	???	+	+	+	+	+	+	+					82	???											A11,BW6,B44	(3)
Klein,Jon MD	18	???	+	+	+	+	+							93	???											BW6	(4)
Klein,Tirza	32	100	+	+	+	+	+	+					A29	84	100	+	+	+	+	+	+	+	+			B61,B40	(3)
Lardy,N.M. D	17	89	+											35	89	+			+		+					B61,B50	(2)
Loewenthal M	42	???	+	+	+	+	+	+					A80,A29	98	???	+	+	+		+	+		+			B54,A26,6601>	(3)
MacCann,Eile	60	???	+	+	+	+	+	+					B39,B8,B18	96	???	+	+	+		+		+	+			B54,B18	(3)
Mah,Helen	21	50	+											75	62											BW6	(4)
McAlack,Robe	10	100	+	+		+	+		+				B50	31	100	+	+	+			+	+	+		+	B70	(5)
McAlack-Bala	36	100	+	+	+	+	+	+		+				90	100	+	+	+			+	+				B41,B61,B72	(3)
McCluskey,Ja	12	100	+											22	75	+											(6)
Moore,S.Brea	15	???	+	+	+	+	+		+	+	+		2708	53	???	+	+	+	+			+	+	+		B64,B41	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+	+	+	+					+	+	B75,B27,B76>	(3)
Paik,Young K	22	100	+	+	+									83	71											BW6	(4)
Pais,Maria L	0	0												0	0												(1)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+		+	+			+		+	+	B76,B41,B64>	(3)
Permpikul &	4	100	+			+								9	67	+					+						(1)
Phelan,Donna	30	???	+		+	+	+	+	+	+				83	???											BW6	(6)
Pidwell,Dian	10	40	+											24	100	+	+	+		+	+						(2)
Rosen-Bronso	25	100	+	+	+	+	+	+					B58,B71,B72>	89	100	+			+	+		+	+	+		B65,B18,B35>	(3)
Smith/MI,	7	???	+											33	???	+	+	+	+	+	+					B48,B64	(4)
Suciu-Foca,N	NT													87	???	+	+	+		+				+		B27,B18,B35	(6)
Tagliere,Jac	7	25	+											17	50	+											(2)

	********** SERUM NO. 955 **********											********** SERUM NO. 956 **********											
	% POS	% 8'S	B 7	B 8 1	B 4 2	B 5 6	B 5 5	B 5 4	B 6 7	B 8 2	B 6 4	B 2 7		% POS	% 8'S	B 7	B 4 2	B 8 1	B 4 5	B 8	B 6 0	B 5 5	B 5 6	B 6 2	B 6 7		METHOD
Turner,E.V.	???	???	+	+	+	+	+		+		+		8201,MULTI	???	???										BW6,MULTI	(3)
Ward & Osows	27	100	+	+	+		+							63	100	+	+	+	+			+		+		B27,B71,B72>	(4)

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 54 TYPING LABS ***			*** 55 TYPING LABS ***		
B7	93%	0.884	B7	76%	0.910
B81	69%	0.960	B42	51%	0.917
B42	65%	0.933	B81	49%	0.971
B55	54%	0.985	B45	35%	1.000
B56	54%	0.925	B8	33%	0.925
B54	35%	0.958	B55	29%	0.958
B67	30%	0.978	B60	29%	0.694
B82	22%	0.974	B56	27%	1.000
B64	17%	1.000	B62	22%	1.000
B27	11%	1.000	B67	18%	1.000
2708	9%	1.000	B61	18%	0.900
B22	7%	1.000	B27	18%	0.833
8201	6%	1.000	B35	16%	1.000
A80	6%	1.000	BW6	16%	0.948
B39	6%	0.750	B18	15%	1.000
A29	4%	1.000	B41	15%	0.889
B18	4%	0.800	B54	13%	1.000
			B39	13%	0.923
			B76	11%	1.000
			B64	9%	1.000
			B44	7%	1.000
			B72	7%	1.000
			B75	7%	1.000
			B82	7%	1.000
			B48	5%	1.000
			2708	4%	1.000
			8201	4%	1.000
			A26	4%	1.000
			A29	4%	1.000
			B40	4%	1.000
			B50	4%	1.000
			B71	4%	1.000

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

*** 55 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: All

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 6 TYPING LABS ***

B7	67%	0.604
???	17%	1.000
A69	17%	1.000
A74	17%	1.000
B77	17%	1.000
B81	17%	1.000
B42	17%	0.400
B56	17%	0.200

*** 6 TYPING LABS ***

B7	67%	0.750
B60	33%	0.350
B42	33%	0.333
A74	17%	1.000
B48	17%	1.000
B77	17%	1.000
B81	17%	1.000
B41	17%	0.500

*** 6 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: JUN 11 2008 **********

Method: NIH-std

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 5 TYPING LABS ***

B7	100%	0.870
B18	20%	1.000

*** 5 TYPING LABS ***

B7	100%	0.957
B60	60%	0.714
B45	40%	1.000
B81	40%	1.000
A24	20%	1.000
A26	20%	1.000
B35	20%	1.000
B41	20%	1.000
B42	20%	1.000
B50	20%	1.000
B54	20%	1.000
B55	20%	1.000
B56	20%	1.000
B8	20%	0.667
B61	20%	0.500

*** 5 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: JUN 11 2008 **********

Method: NIH-ext

	SERUM NO. 955												SERUM NO. 956											
	% POS	% 8'S	B 7	B 42	B 56	B 55	B 81	B 54	B 67	B 82	B 64	B 27		% POS	% 8'S	B 7	B 42	B 81	B 45	B 8	B 55	B 62	B 67	B 56	B 76		METHOD
Alvarez & Ca	28	50	+			+						+		83	???											???	(F-3)
Baker,Judy	27	???	+	+	+	+	+		+	+		+		???	???											BW6,A11,B44	(L-3)
Burger,Joe	12	100	+	+	+	+	+	+		+		+		33	100	+	+	+	+	+	+					B60,B61,B35>	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+		+	+	8201	???	???	+	+	+	+			+	+		+	B75,8201,B18	(L-3)
Choo,Yoon MD	29	100	+	+	+	+	+	+	+					96	100	+			+	+			+			B44,B39,B61>	(L-3)
Cohen,Jacque	25	???	+	+			+		+	+	+		B22,2708	93	???	+		+	+							B22,B82,B64>	(L-3)
Darke,Christ	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+	+	+	+			+	+	+	+	2708,B82	(L-3)
Dunn,Paul Ph	???	???	+	+	+	+		+				+	B8,B39,B50,B59	???	???											A1,A3,A11,A24>	(L-3)
Eckels/CPMC,	27	???	+	+	+	+	+	+	+	+			2708	99	???	+				+						A1,A3,A11,A25>	(LF-3)
Elkhalifa MD	25	???	+	+	+	+	+	+	+				B39	85	???	+					+		+	+	+	B71,B61,B72	(L-3)
Ellis,Thomas	51	???	+	+			+		+				B22,B48	95	???	+										BW6,B12,B27>	(LF-3)
Esteves-Kond	62	100	+	+	+	+	+	+						98	100	+	+	+		+	+		+	+		B18,B54,B60	(F-3)
Fotino,Maril	20	100	+	+	+	+	+		+			+	8201	85	100	+	+	+	+			+	+		+	B75,B27,8201	(L-3)
Gautreaux,Mi	32	???	+	+	+	+	+	+		+				86	???	+	+	+		+						B54,B18,B39	(L-3)
Gideoni,Osna	46	100	+	+	+	+	+	+		+			A80	100	100	+	+	+		+	+			+		B54,B60,B61>	(L-3)
Hamdi,Nuha D	25	100	+	+	+	+	+		+					82	100	+						+		+		A34,B61,A31>	(L-3)
Han,Hoon Dr	35	???	+	+	+	+		+			+		A31	53	???	+	+						+	+		B39	(L-3)
Harville/ACH	???	???	+	+	+	+	+		+		+	+	8201,B39	???	???	+	+	+	+	+	+	+				B27,8201,B64	(L-3)
Jaramillo,An	28	???	+	+			+		+	+	+	+	B22	73	???	+			+			+	+		+	B75,B27,B35	(LF-3)
Kamoun,Malek	24	???	+	+	+	+	+	+	+					82	???											A11,BW6,B44	(L-3)
Klein,Tirza	32	100	+	+	+	+	+	+					A29	84	100	+	+	+	+	+	+			+		B60,B61,B40	(L-3)
Loewenthal M	42	???	+	+	+	+	+	+					A80,A29	98	???	+	+	+		+				+		B54,B60,A26>	(L-3)
MacCann,Eile	60	???	+	+	+	+	+	+					B39,B8,B18	96	???	+	+	+		+	+			+		B54,B18	(L-3)
McAlack-Bala	36	100	+	+	+	+	+	+		+				90	100	+	+	+			+					B60,B41,B61>	(L-3)
McCluskey,Ja	38	???	+	+	+	+	+	+		+				98	???	+	+	+	+	+		+				B60,B54,B72	(L-3)
Moore,S.Brea	15	???	+	+	+	+	+		+	+	+		2708	53	???	+	+	+	+		+	+		+		B64,B41	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+	+	+	+			+	+		+	B75,B27,B82	(L-3)
Paik,Young K	27	???	+	+	+	+	+		+	+				93	???											BW6	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+		2708	???	???	+		+	+		+	+	+		+	B41,B64,2708	(L-3)
Phelan,Donna	11	???	+	+	+	+	+	+	+	+	+	+		36	???											BW6,B27,B44>	(L-3)
Pidwell,Dian	???	???	+	+	+	+		+	+		+		8101,8201	???	???	+	+		+		+				+	B48,8201,B78>	(F-3)
Rosen-Bronso	25	100	+	+	+	+	+	+					B58,B71,B72>	89	100	+			+	+	+	+		+		B65,B18,B35>	(F-3)
Smith/MI,	29	???	+	+	+	+	+	+	+	+	+		2708	96	???	+	+		+	+						B18,B27,B35>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+			+	+		+	B75,B27,B18	(L-3)
Turner,E.V.	???	???	+	+	+	+	+		+			+	8201,MULTI	???	???											BW6,MULTI	(L-3)
Ward & Osows	36	???	+	+	+	+	+	+	+	+	+		2708	98	???	+	+	+	+	+	+					B27,B82,B64>	(LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 36 TYPING LABS ***

B7	100%	1.000
B42	97%	1.000
B55	94%	1.000
B56	94%	1.000
B81	89%	1.000
B54	71%	0.973
B67	63%	1.000
B82	51%	1.000
B64	43%	1.000
B27	29%	1.000
2708	23%	1.000
8201	14%	1.000
B39	11%	0.778
A29	6%	1.000
A80	6%	1.000
B8	6%	1.000
B22	6%	1.000

*** 36 TYPING LABS ***

B7	80%	1.000
B42	60%	1.000
B81	54%	1.000
B45	51%	1.000
B8	40%	1.000
B55	37%	1.000
B62	34%	1.000
B56	31%	1.000
B67	31%	1.000
B76	26%	1.000
B60	23%	1.000
B27	23%	0.953
B18	20%	1.000
B54	20%	1.000
B61	20%	1.000
B75	20%	1.000
B35	17%	1.000
B39	14%	1.000
B41	14%	1.000
B64	14%	1.000
B82	14%	1.000
B44	14%	0.951
A11	14%	0.950
BW6	14%	0.950
8201	11%	1.000
B72	11%	1.000
A26	9%	1.000
2708	6%	1.000
A1	6%	1.000
A3	6%	1.000
A25	6%	1.000
A29	6%	1.000
A32	6%	1.000
A34	6%	1.000
A30	6%	0.946

*** 35 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Luminex/Flow

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

	% POS	% 8'S	B 7	B 8 1	B 4 2	B 5 5	B 5 6		% POS	% 8'S	B 7	B 4 2	B 8 1	B 8	B W 6	B 4 5	B 2 7	B 7 2	B 6 0	B 5 5		METHOD
Baker,Judy	2	???		+					29	???		+		+							B39,B41,B44>	(4)
Berka,Noured	38	100	+	+	+			B60,A80	82	100	+	+	+	+		+	+	+	+		B61,B56	(4)
Cooper,E. Sh	2	0		+					5	0		+	+									(4)
Dunn,Dale Dr	7	50	+	+					10	50	+		+	+								(4)
Eckels/CPMC,	74	???	+	+	+	+	+	B54	98	???	+	+		+		+					A25,A32,B18>	(4)
Fotino,Maril	20	100	+						20	100	+											(4)
Hahn,Amy B.	21	100	+	+	+	+	+	B41	79	80					+		+					(4)
Klein,Jon MD	18	???	+	+	+	+	+		93	???					+							(4)
Mah,Helen	21	50	+						75	62					+							(4)
Paik,Young K	22	100	+	+	+				83	71					+							(4)
Smith/MI,	7	???	+						33	???	+	+	+	+		+			+		B48,B64	(4)
Ward & Osows	27	100	+	+	+	+			63	100	+	+	+			+	+	+		+	B62,B71,B44	(4)

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 12 TYPING LABS ***

B7	83%	0.956
B81	75%	0.846
B42	50%	0.955
B55	33%	1.000
B56	25%	1.000
A80	8%	1.000
B54	8%	1.000
B60	8%	1.000
B41	8%	0.333

*** 12 TYPING LABS ***

B42	50%	1.000
B7	50%	0.957
B8	42%	0.889
B81	42%	0.889
BW6	33%	0.929
B45	25%	1.000
B27	25%	0.778
B35	17%	1.000
B39	17%	1.000
B41	17%	1.000
B44	17%	1.000
B55	17%	1.000
B60	17%	1.000
B72	17%	1.000
A25	8%	1.000
A32	8%	1.000
B18	8%	1.000
B48	8%	1.000
B50	8%	1.000
B56	8%	1.000
B61	8%	1.000
B62	8%	1.000
B64	8%	1.000
B71	8%	1.000

*** 12 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Antiglobulin

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

	% POS	% 8'S	B 8 1	B 7	B 6 7	B 5 6	B 5 5	B 4 2	B 2 7	B 5 4	B 5 0	B 2 2	% POS	% 8'S	B 4 2	B W 6	B 8 1	B 6 7	B 5 6	B 5 5	B 4 5	B 2 7	B 8		METHOD
Esteves-Kond	36	100	+	+	+	+	+	+		+			89	100	+	+		+	+	+	+	+		B37,B54,B41	(5)
Hahn,Amy B.	8	???	+	+	+	+	+	+	+				39	???		+									(5)
Holdsworth,R	100	???	+	+		+	+	+	+				100	???	+	+		+			+	+	+	B18,B48,B62>	(5)
McAlack,Robe	10	100	+	+	+	+	+				+		31	100	+	+		+	+	+	+			B70,B60	(5)
Paik,Young K	20	67	+	+	+			+				+	82	36			+								(5)

********** SERUM NO. 955 ********** ********** SERUM NO. 956 **********

*** 5 TYPING LABS ***

B7	100%	1.000
B81	100%	1.000
B55	80%	1.000
B56	80%	1.000
B67	80%	1.000
B42	80%	0.833
B27	40%	1.000
B50	20%	1.000
B54	20%	1.000
B22	20%	0.500

*** 5 TYPING LABS ***

B7	60%	1.000
B42	60%	1.000
B27	40%	1.000
B45	40%	1.000
B55	40%	1.000
B56	40%	1.000
B67	40%	1.000
B81	40%	1.000
BW6	40%	0.902
B8	20%	1.000
B18	20%	1.000
B35	20%	1.000
B37	20%	1.000
B41	20%	1.000
B48	20%	1.000
B54	20%	1.000
B60	20%	1.000
B62	20%	1.000
B70	20%	1.000

*** 5 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 11 2008 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #417 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*110101/0201	*240201/63	*1301	*8101/02	*0304	*080101	SBT,RSSO,SSP
2300	Allegheny Ge	*11	*24	*13	*81	*03	*08	SSP
745	Anthony Nola	*110201	*24020101	*1301	*8102	*030401	*080101	SSO,SSP,SBT
5133	Baker,Judy	*1101//*1102	*2402//*2463	*1301	*8102	*0304	*0801	
4345	Blasczyk,Rai	*1102	*2402/02L/09N/11N+	*1301	*8101-03	*0304	*0801	
5106	Brown,Colin	*1101/07/19/21N/27	*24	*1301/02	*8101/02	*0304/05/09/10+	*0801/08	PCR-SSOP,SBT
785	Chan,Soh Ha	*1101/02/21N/32	*24	*1301	*8101-03	*0304	*080101	SBT
3224	Chen,Dongfen	*1102	*2402	*1301	*8101/02	*0304	*0801	SBT,SSO
3625	Darke,Christ	*1101//*1102	*2463/*2402	*1301	*8101/02	*0304	*0801	PCR-SSP,SBT
1108	Davis,Mary	*1102	*2402	*1301	*8102	*0304	*0801	SSO,SSP
5891	Du,Keming	*1101/02	*2463/02	*1301	*8101/02			PCR-SBT
3186	Dunckley,Hea	*11	*24	*13	*81	*0304-06/08-10/19+	*08	SSP
3766	Dunn,Paul	*11	*24	*1301/02	*8101/02	*03	*0801/08	PCR-SSO,SSP
3428	Eckels/Utah	*11	*24	*1301/12	*8101/02			SSOP
4251	Ellis,Thomas	*1102	*2402	*1301	*8101/02	*0304	*0801	PCR-SSO,SEQ
762	Fischer&Mayr	*1102	*2402	*1301	*8102	*0304	*0801	RSSO,SBT,SSP
3135	Fischer,John	*1102	*2402	*1301	*8101/02	*0304	*0801	SBT,PCR-SSO
729	Fotino,Maril	*1102	*2402	*1301	*8102	*0304	*0801	
810	Hamdi,Nuha	*1101-03/05/07/12+	*2402/05/07/09N+	*1301/12	*8101/02	*030401	*080101	SSO
1461	Hidajat,Mela	*1102	*2402	*1301	*8102	*0304	*0801	SSO,SSP
615	Holdsworth,R	*1102	*2402/09N/11N/40N+	*1301	*8101-03	*0304	*0801	SBT
2344	Hurley&Hartz	*110201	*24020101/020102L	*1301	*8101-03	*030401/0403	*080101	SBT
797	Kato,Shunich	*1102	*2402/11N/40N	*1301	*8101/02	*0304	*0801	SSO,SBT
278	Lee,Jar-How	*1101/02/19/21N+	*2402/25/58/63	*1301	*8102	*0304/23/24	*0801	SSP,RVSSOP
640	Lee,Kyung Wh	*1101/02/21N	*2402/09N/11N/40N+	*1301	*8101-03	*0304	*0801	PCR-SBT
9916	McIntyre,Joh	*110201	*24020101	*1301	*8102	*0304/32/37/46/47	*0801	SSP,SBT,SSO
8021	Montague,Bri	*1101/02/05-07+	*2402/03/07+	*1301-03/06-08+	*8101/02	*0302/04-06+	*0801/03/06+	PCR-SSP
5323	Murad,Shahna	*11	*24	*13	*81	*(Cw10)	*08	PCR-SSP
8000	Pahl,Armin	*11	*24	*13	*81			SSO
3966	Permpikul&Ve	*1102	*24	*13	*8102	*03	*0801	PCR-SSP
2400	Phelan,Donna	*1102	*2402	*1301	*8102	*0304	*0801	RVSSO,SSP
3753	Reed,Elaine	*1101/02	*2402/63	*1301	*8101/02	*0304	*0801	SBT,SSP
1694	Sauer&Guttwa	*11	*24	*13	*81	*03	*08	SSP
3545	Scornik,Juan	*1101/02	*2402/63	*1301	*8101/02	*0304	*0801	RVSSOP,SBT
5096	Seoul Red Cr	*11	*24	*13	*81			PCR-SSO
8042	Shainberg,Br	*11	*24	*13	*81	*03	*08	SSOP,SSP
735	Smith/MI	*11	*24	*13	*81	*03(Cw10)	*08	SSOP
740	Snider,Denis	*1102	*2402	*1301	*8102	*0304	*0801	SSP
746	Stamm,Luz	*1102	*2402	*1301	*8102	*0304	*0801	RVSSO,SSP
13	Tagliere,Jac	*1102	*2402	*1301	*8102	*0304	*0801	SSP
4021	Trachtenberg	*11	*24	*13	*81	*03	*08	RVSSOP,SSP
5462	Turner,E.V.	*1102	*2402	*1301	*8102	*0304	*0801	SSP,SSO,SBT

CTR	INVESTIGATOR NAME	DNA EXTRACT #418 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*260101	*7401/02	*7801	*8101/02	*160101	*1801/02	SBT,RSSO,SSP
2300	Allegheny Ge	*26	*74	*78	*81	*16	*18	SSP
745	Anthony Nola	*260101	*7401	*7801	*8101	*160101	*1801	SSO,SSP,SBT
5133	Baker,Judy	*2601	*7401	*7801	*8102	*16	*18	
4345	Blasczyk,Rai	*2601/24/26	*7401/02	*7801	*8101-03	*1601	*1801/02	
5106	Brown,Colin	*2601/15/17/24-27+	*7401/02/09/11	*7801	*8101/02	*1601/08	*1801/02	PCR-SSOP,SBT
785	Chan,Soh Ha	*2601/24/26	*7401/02	*7801	*8101-03	*160101	*1801/02	SBT
3224	Chen,Dongfen	*2601	*7401/02	*7801	*8101/02	*1601	*1801	SBT,SSO
3625	Darke,Christ	*2601	*7401/02	*7801	*8101/02	*1601	*1801/02	PCR-SSP,SBT
1108	Davis,Mary	*2601	*7401	*7801	*8101	*1601	*1801	SSO,SSP
5891	Du,Keming	*2601	*7401/02	*7801	*8101/02			PCR-SBT
3186	Dunckley,Hea	*26	*74	*78	*81	*16	*18	SSP
3766	Dunn,Paul	*26	*74	*7801	*8101/02	*1601/08	*1801/02	PCR-SSO,SSP
3428	Eckels/Utah	*26	*74	*7801	*8101/02			SSOP
4251	Ellis,Thomas	*2601	*7401/02	*7801	*8101/02	*1601	*1801/02	PCR-SSO,SEQ
762	Fischer&Mayr	*2601	*7401	*7801	*8101	*1601	*1801/02	RSSO,SBT,SSP
3135	Fischer,John	*2601	*7402	*7801	*8101/02	*1601	*1801/02	SBT,PCR-SSO
729	Fotino,Maril	*2601	*7401	*7801	*8101	*1601	*18	
810	Hamdi,Nuha	*2601/10/15/17/23+	*7401/02/09/11	*7801	*8101/02	*06020101	*1801	SSO
1461	Hidajat,Mela	*2601	*7401	*7801	*8101	*1601	*1801	SSO,SSP
615	Holdsworth,R	*2601/24/26	*7401/02	*7801	*8101-03	*1601	*1801/02	SBT
2344	Hurley&Hartz	*260101	*7401/02	*7801	*8101-03	*160101	*1801/02	SBT
797	Kato,Shunich	*2601	*7401/02	*7801	*8101/02	*1601	*1801/02	SSO,SBT
278	Lee,Jar-How	*2601	*7401	*7801	*8101	*1601	*1801	SSP,RVSSOP
640	Lee,Kyung Wh	*2601/24/26	*7401/02	*7801	*8101-03	*1601	*1801/02	PCR-SBT
9916	McIntyre,Joh	*260101	*7401	*7801	*8101	*1601	*1801/02	SSP,SBT,SSO
8021	Montague,Bri	*260101/0103-02+	*7401-05	*7801/02/04	*8101/02	*1601/08/10	*1801/02	PCR-SSP
5323	Murad,Shahna	*26	*74	*78	*81	*16	*18	PCR-SSP
8000	Pahl,Armin	*26	*74	*78	*81			SSO
3966	Permpikul&Ve	*26	*7401/02	*7801/02	*8101	*1601	*1801/02	PCR-SSP
2400	Phelan,Donna	*2601	*7401	*7801	*8101	*1601	*1801	RVSSO,SSP
3753	Reed,Elaine	*2601	*7401/02	*7801	*8101/02	*1601	*1801/02	SBT,SSP
1694	Sauer&Guttwa	*26	*74	*78	*81	*16	*18	SSP
3545	Scornik,Juan	*2601	*7401/02	*7801	*8101/02	*1601	*1801/02	RVSSOP,SBT
5096	Seoul Red Cr	*26	*74	*78	*81			PCR-SSO
8042	Shainberg,Br	*26	*74	*78	*81	*16	*18	SSOP,SSP
735	Smith/MI	*26	*74	*78	*81	*16	*18	SSOP
740	Snider,Denis	*2601	*7401	*7801	*8101	*1601	*1801	SSP
746	Stamm,Luz	*2601	*74	*7801	*8101	*1601	*1801/02	RVSSO,SSP
13	Tagliere,Jac	*2601	*7401	*7801	*8101	*1601	*1801	SSP
4021	Trachtenberg	*26	*74	*78	*81	*1601	*1801/02	RVSSOP,SSP
5462	Turner,E.V.	*2601	*7401	*7801	*8101	*1601	*1801	SSP,SSO,SBT

CTR	INVESTIGATOR NAME	DNA EXTRACT #419 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101		*5001	*7301	*060201	*1505	SBT,RSSO,SSP
2300	Allegheny Ge	NT						
745	Anthony Nola	*02010101		*5001	*7301	*060201	*1505	SSO,SSP,SBT
5133	Baker,Judy	*0201		*5001	*7301	*0602	*1505	
4345	Blasczyk,Rai	*0201/01L/09/43N/66/75/83N/89/97+		*5001	*7301	*0602	*1505	
5106	Brown,Colin	*0201		*5001	*7301	*0602	*1505	PCR-SSOP,SBT
785	Chan,Soh Ha	*02		*5001	*7301	*0602	*1505	SBT
3224	Chen,Dongfen	*0201		*5001	*7301	*0602	*1505	SBT,SSO
3625	Darke,Christ	*0201		*5001/04	*55	*0602	*1505	PCR-SSP,SBT
1108	Davis,Mary	*0201/*9211/13N/16/18-21/23/25N		*5001	*7301	*0602	*1505	SSO,SSP
5891	Du,Keming	*0201			*7301			PCR-SBT
3186	Dunckley,Hea	*02		*50	*73	*06	*15	SSP
3766	Dunn,Paul	*02		*5001	*7301	*06	*15	PCR-SSO,SSP
3428	Eckels/Utah	*02	*02	*5001	*7301			SSOP
4251	Ellis,Thomas	*0201	*0201	*5001	*7301	*0602	*1505	PCR-SSO,SEQ
762	Fischer&Mayr	*0201/09		*5001	*7301	*0602	*1505	RSSO,SBT,SSP
3135	Fischer,John	*0201/01L		*5001	*7301	*0602	*1505	SBT,PCR-SSO
729	Fotino,Maril	*02		*5001	*73	*0602	*1505	
810	Hamdi,Nuha	*0201/01L/04/07+	*0201/01L/04/07+	*5001	*7301	*0610		SSO
1461	Hidajat,Mela	*0201	*0201	*5001	*7301	*0602	*1505	SSO,SSP
615	Holdsworth,R	*0201/09/43N/66/75/83N/89/97//*9232+		*5001	*7301	*0602	*1505	SBT
2344	Hurley&Hartz	*02010101/010102L		*5001	*7301	*06020101/020102+	*150501-0503	SBT
797	Kato,Shunich	*0201/01L		*5001	*7301	*0602	*1505	SSO,SBT
278	Lee,Jar-How	*0201/24/66/88N/92/94N-97		*5001	*7301	*0602/10/12/13	*1505	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/09/43N/66/75/83N/89/97//*9232+		*5001		*0602	*1505	PCR-SBT
9916	McIntyre,Joh	*02010101		*5001	*7301	*0602/15/16N	*1505	SSP,SBT,SSO
8021	Montague,Bri	*0201-05+		*5001/04	*7301	*0602/03/07+	*1502-06+	PCR-SSP
5323	Murad,Shahna	*02		*50	*73	*06	*15	PCR-SSP
8000	Pahl,Armin	*02		*50	*73			SSO
3966	Permpikul&Ve	*02		*5001/04	*7301	*0602	*1505	PCR-SSP
2400	Phelan,Donna	*0201		*5001	*7301	*0602	*1505	RVSSO,SSP
3753	Reed,Elaine	*0201		*5001	*7301	*0602	*1505	SBT,SSP
1694	Sauer&Guttwa	*02		*50	*7301	*06	*15	SSP
3545	Scornik,Juan	*0201		*5001	*7301	*0602	*1505	RVSSOP,SBT
5096	Seoul Red Cr	*02	*02	*50	*73			PCR-SSO
8042	Shainberg,Br	*0201		*5001	*7301	*0602	*1505	SSOP,SSP
735	Smith/MI	*02		*50	*73	*06	*15	SSOP
740	Snider,Denis	*0201		*5001	*7301	*0602	*1505	SSP
746	Stamm,Luz	*0201		*5001	*7301	*0602	*1505	RVSSO,SSP
13	Tagliere,Jac	*0201		*5001	*7301	*0602	*1505	SSP
4021	Trachtenberg	*02		*50	*7301	*06	*15	RVSSOP,SSP
5462	Turner,E.V.	*0201		*5001	*7301	*0602/03	*1505/09	SSP,SSO,SBT

	INVESTIGATOR	DNA EXTRACT #420 (Hispanic)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*110101	*260101	*3909	*5002	*060201	*070201	SBT,RSSO,SSP
2300	Allegheny Ge	NT						
745	Anthony Nola	*110101	*260101	*3909	*5002	*060201	*0702/50	SSO,SSP,SBT
5133	Baker,Judy	*1101	*2601	*3909	*5002	*0602	*0702	
4345	Blasczyk,Rai	*1101/21N	*2601/24/26	*3909	*5002	*0602	*0702/50	
5106	Brown,Colin	*11	*26	*3902/24	*5002	*0602/07/10/13/15+	*0702/10/32N+	PCR-SSOP,SBT
785	Chan,Soh Ha	*1101/19/21N/32	*2601/13/24/26	*3909	*5002	*0602	*0702/50	SBT
3224	Chen,Dongfen	*1101	*2601	*3909	*5002	*0602	*0702/50	SBT,SSO
3625	Darke,Christ	*1101	*2601	*3909	*5002	*0602	*0702/50	PCR-SSP,SBT
1108	Davis,Mary	*1101	*2601	*3909	*5002	*0602	*0702	SSO,SSP
5891	Du,Keming	*1101	*2601	*3909	*5002			PCR-SBT
3186	Dunckley,Hea	*11	*26	*39	*5002	*06	*07	SSP
3766	Dunn,Paul	*11	*26	*3909	*5002	*06	*07	PCR-SSO,SSP
3428	Eckels/Utah	*11	*26	*3909	*5002			SSOP
4251	Ellis,Thomas	*1101	*2601	*3909	*5002	*0602	*0702/50	PCR-SSO,SEQ
762	Fischer&Mayr	*1101	*2601	*3909	*5002	*0602	*0702	RSSO,SBT,SSP
3135	Fischer,John	*1101	*2601	*3909	*5002	*0602	*0702/50	SBT,PCR-SSO
729	Fotino,Maril	*1101	*2601	*3909	*5002	*0602	*07	
810	Hamdi,Nuha	*1101-03/07/09/12+	*2601/04/10/15-17+	*3901/01L/05/25N	*5002	*06020101	*0603	SSO
1461	Hidajat,Mela	*1101	*2601	*3909	*5002	*0602	*0702	SSO,SSP
615	Holdsworth,R	*1101/21N	*2601/24/26	*3909	*5002	*0602	*0702/50	SBT
2344	Hurley&Hartz	*110101	*260101	*3909	*5002	*06020101/020102+	*07020101+	SBT
797	Kato,Shunich	*1101	*2601	*3909	*5002	*0602	*0702	SSO,SBT
278	Lee,Jar-How	*1101	*2601	*3909	*5002	*0602	*0702	SSP,RVSSOP
640	Lee,Kyung Wh	*1101/19/21N	*2601/13/24/26	*3909	*5002	*0602	*0702/50	PCR-SBT
9916	McIntyre,Joh	*110101/19	*260101/13	*3909	*5002	*0602/10	*0702	SSP,SBT,SSO
8021	Montague,Bri	*1101/02/05-07+	*260101/0103-02+	*3901/05/09+	*5002	*0602/03/07+	*0702/03/10+	PCR-SSP
5323	Murad,Shahna	*11	*26	*39	*50	*06	*07	PCR-SSP
8000	Pahl,Armin	*11	*26	*39	*50			SSO
3966	Permpikul&Ve	*1101	*26	*39	*5002	*0602	*0702	PCR-SSP
2400	Phelan,Donna	*1101	*2601	*3909	*5002	*0602	*0702	RVSSO,SSP
3753	Reed,Elaine	*1101/19	*2601/13	*3909	*5002	*0602	*0702/50	SBT,SSP
1694	Sauer&Guttwa	*11	*26	*39	*50	*06	*07	SSP
3545	Scornik,Juan	*1101	*2601	*3909	*5002	*0602	*0702/50	RVSSOP,SBT
5096	Seoul Red Cr	*11	*26	*39	*50			PCR-SSO
8042	Shainberg,Br	*1101	*2601	*3909	*5002	*0602	*0702	SSOP,SSP
735	Smith/MI	*11	*26	*39	*50	*06	*07	SSOP
740	Snider,Denis	*1101	*2601	*3909	*5002	*0602	*0702	SSP
746	Stamm,Luz	*1101	*2601	*3909	*5002	*0602	*0702	RVSSO,SSP
13	Tagliere,Jac	*1101	*2601	*3909	*5002	*0602	*0702	SSP
4021	Trachtenberg	*11	*26	*39	*5002	*06	*07	RVSSOP,SSP
5462	Turner,E.V.	*1101	*2601	*3909	*5002	*0602	*0702	SSP,SSO,SBT

SUMMARY

Extract 417			Extract 418			Extract 419 (Caucasian)			Extract 420 (Hispanic)		
42 labs			42 labs			41 labs			41 labs		
A*11	45%		A*26	36%		A*02	49%		A*11	44%	
A*1101/02	10%		A*2601/24/26	9%		A*0201	41%		A*1101	49%	
A*1102	38%		A*2601	45%		A*020101	5%		A*110101	7%	
A*110201	7%		A*260101	10%		A*02010101	5%		A*11	100%	TOTAL
A*11	100%	TOTAL	A*26	100%	TOTAL	A*02	100%	TOTAL			
									A*26	46%	
A*24	52%		A*74	36%					A*2601	46%	
A*2402/63	12%		A*7401/02	33%					A*260101	8%	
A*2402	29%		A*7401	29%					A*26	100%	TOTAL
A*240201	2%		A*7402	2%							
A*24020101	5%		A*74	100%	TOTAL						
A*24	100%	TOTAL									

42 labs			42 labs			41 labs			41 labs		
B*13	36%		B*78	26%		B*50	25%		B*39	27%	
B*1301	64%		B*7801	74%		B*5001	73%		B*3909	73%	
B*13	100%	TOTAL	B*78	100%	TOTAL	B*50	98%	TOTAL	B*39	100%	TOTAL
B*81	33%		B*81	33%		B*73	15%		B*50	12%	
B*8101/02	33%		B*8101/02	33%		B*7301	80%		B*5002	88%	
B*8102	34%		B*8101	31%		B*73	95%	TOTAL	B*50	100%	TOTAL
B*81	100%	TOTAL	B*8102	3%							
			B*81	100%	TOTAL						

38 labs			38 labs			37 labs			37 labs		
Cw*03	34%		Cw*16	26%		Cw*06	27%		Cw*06	24%	
Cw*0304	61%		Cw*1601	61%		Cw*0602	65%		Cw*0602	68%	
Cw*030401	5%		Cw*160101	10%		Cw*060201	5%		Cw*060201	5%	
Cw*03	100%	TOTAL	Cw*16	97%	TOTAL	Cw*0610	3%		Cw*06020101	3%	
						Cw*06	100%	TOTAL	Cw*06	100%	TOTAL
Cw*08	26%		Cw*18	21%							
Cw*0801	61%		Cw*1801/02	53%		Cw*15	21%		Cw*07	24%	
Cw*080101	13%		Cw*1801	26%		Cw*1505	76%		Cw*0702/50	32%	
Cw*08	100%	TOTAL	Cw*18	100%	TOTAL	Cw*15	97%	TOTAL	Cw*0702	38%	
									Cw*070201	3%	
									Cw*07	97%	TOTAL

INVESTIGATOR CTR	NAME	CELL NO.1329 (Vietnamese) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*0207	*110101	*460101	*5401	*010201		SSO,SSP,SBT
5106	Brown,Colin	*0207	*1101	*4601/10	*5401/02	*0102/06-08/11/13/16/18		PCR-SSOP,SBT
5232	Charlton,Ron	*0207	*1101	*4601	*5401	*0102	*0102	SSP,RVSSOO
4492	Charron,D.	*02	*11	*46	*5401			PCR-SSO
798	Claas,F.H.J.	*0207	*110101	*460101	*5401	*010201		SBT,SSP
3632	Colombe,Beth	*0207	*1101	*4601	*5401	*0102		SSP
3904	Cooper,Shann	*02	*11	*46	*54	*0102		
5130	Costeas,Paul	*0207	*1101	*4601	*5401	*0102		SSP,SSO
779	Daniel,Claud	*02	*11	*46	*54	*01		PCR-SSP
3625	Darke,Christ	*0207	*1101/21N	*4601	*5401	*0102		PCR-SSP,SBT
4269	Dormoy,Anne	*0207	*110101	*460101	*5401	*010201		PCR-SSP,SBT
3186	Dunckley,Hea	*02	*11	*46	*54	*01		SSP
3766	Dunn,Paul	*02	*11	*4601/02/10	*5401/02/07/13	*01		SSP
856	Dupont,Bo	*0207/15N/18	*1101-03/09/12/20+	*4601/02/09/10	*5401/07/08/13	*0102/06-08/11/13/15/18/19/16		SSO
5214	Eckels/CPMC	*02	*11	*46	*54	*01	*01	SSOP
2332	Elkhalifa,Mo	*02	*11	*46	*54	*01		
4251	Ellis,Thomas	*0207	*1101	*4601	*5401	*0102	*0102	PCR-SSO,SEQ
762	Fischer&Mayr	*0207	*1101	*4601	*5401	*0102		SSO,SBTex1-3
729	Fotino,Maril	*0207	*11	*4601	*54	*01		
810	Hamdi,Nuha	*0201/04/17/73+	*1101-03/07/12+	*4601/02/10	*5401/02/07/13	*010201	*010202	SSO
3808	Hogan,Patric	*02	*11	*46	*54	*01		SSP
771	Israel,Shosh	*02	*11	*46	*54	*01		PCR-SSO
859	Kamoun,Malek	*0207	*1101	*4601/10	*5401	*01		PCR-SSO,SSP
4337	Kim,Tai-Gyu	*0207/15N	*1101	*4601	*5401	*0102		SBT
168	Klein,Tirza	*0207	*1101	*4601	*5401	*0102		PCR-SSO,SSP
278	Lee,Jar-How	*0207	*1101/22N/22/29	*4601	*5401	*0102/08/11		SSP,RVSSOP
759	Lefor,W.M.	*0201/07/09/18+	*1101-03/06/07+	*4601/02/10	*5401/02/07/13	*0102/07/08/11/15+		RVSSO
731	Loewenthal,R	*0207	*110101	*460101	*5401	*0102		SBT,SSO
8029	Mani,Rama	*02	*11	*46	*54			SSP
792	Moore,S.Brea	*0207	*1101/30/32	*4601/10	*5401/13	*0102/19		PCR-SSO,SSP
774	Paik,Young	*0207	*11	*46	*5401	*01		SSP,SSOP
4336	Park,Myoung	*0207/15N/18	*11	*4601/02	*5401/07/08N	*0102/06-08/11		RVSSO
16	Pidwell,Dian	*0207	*110101	*460101	*5401	*010201		PCR-RSSOP,SBT
4689	Rajczy,Katal	*02	*1101/02/07/09/12+	*4601/02	*5401/13	*0102/03/05-07+		PCR-SSO,SSP
5200	Reinke,Dennis	*02	*11	*46	*54	*01		SSP
1160	Rosen-Bronso	*02	*11	*46	*54	*01		RVSSO,SSP
793	Rubocki,Ron	*02	*11	*46	*54	*01		PCR-SSP
4948	Sage,Deborah	*0207	*1101	*4601	*5401	*0102		SBT,SSO
8001	Sheikh,Maqso	*02	*11	*46	*54	*01		SSP,RVSSOP
769	Tavoularis,S	*0207	*1101	*4601	*5401	*0102		SSO,SSP,SBT
747	Tiercy,Jean-	*0207	*110101	*460101	*5401	*010201/02		SBT,SSP
5451	Tilanus,Marc	*0207	*110101	*460101	*5401	*0102		SBT
5462	Turner,E.V.	*0207	*1101	*4601	*5401	*0102		SSP,SSO,SBT
5642	Varnavidou-N	*02	*11	*46	*54	*01		PCR-SSP,SSO
705	Watkins,Davi	*02	*11	*46	*54/*5507/09/22+	*01		PCR-SSP
5670	Wetmore,Mari	*02	*11	*46	*54	*01		SSP

CTR	INVESTIGATOR NAME	CELL NO.1330 (Caucasian) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*110101	*240301	*350101	*1512	*030301	*040101	SSO,SSP,SBT
5106	Brown,Colin	*11	*2403/10/22/23/33+	*35	*1512/19		*04	PCR-SSOP,SBT
5232	Charlton,Ron	*1101	*2403	*3501	*1512	*0303	*0401	SSP,RVSSO
4492	Charron,D.	*11	*24	*35	*15(B76)			PCR-SSO
798	Claas,F.H.J.	*110101	*240301	*350101	*1512	*030301	*040101	SBT,SSP
3632	Colombe,Beth	*1101	*2403	*3501	*1512	*0303	*0401	SSP
3904	Cooper,Shann	*11	*24	*35	*1512	*0303/11/13	*04	
5130	Costeas,Paul	*1101	*2403	*3501	*1512	*0303	*0401	SSP,SSO
779	Daniel,Claud	*11	*24	*35	*1512/19	*03(Cw9)	*04	PCR-SSP
3625	Darke,Christ	*1101//*1104	*2403//*2410	*35	*1512/19	*0303	*0401/28/30	PCR-SSP,SBT
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*11	*24	*35	*1512/19	*0303/11-13/18+	*04	SSP
3766	Dunn,Paul	*11	*2403/10/22/23/33+	*35	*1512	*03	*04	SSO
856	Dupont,Bo	*1101-03/08/09+	*2403/23/33/22/75	*3501/03/07/11+	*1512/19	*0303/11/13/20N+	*0401+	SSO
5214	Eckels/CPMC	*1119	*24	*35	*15(B76)	*03(Cw9)	*04	SSOP
2332	Elkhalifa,Mo	*11	*24	*35	*15	*03	*04	
4251	Ellis,Thomas	*1101	*2403	*3501/42	*1512	*0303/20N	*0401/28/30	PCR-SSO,SEQ
762	Fischer&Mayr	*1101	*2403	*3501/40N	*1512	*0303	*0401/09N	SSO,SBTex1-3
729	Fotino,Maril	*1101	*2403	*3501	*1512	*0303	*0401/21	
810	Hamdi,Nuha	*1101-05/07/12+	*2403/10/22/23/33+	*3501/07/27/29+	*1512/19	*030301	*04010101	SSO
3808	Hogan,Patric	*11	*24	*35	*1512	*0303/11-13/18+	*04	SSP
771	Israel,Shosh	*11	*24	*35	*15	*03	*04	PCR-SSO
859	Kamoun,Malek	*1101	*2403	*3501	*1512	*0303	*0401	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*1101	*2403	*3501	*1512/19	*0303	*0401	SBT
168	Klein,Tirza	*1101	*2403	*3501	*1512	*0303	*0401	PCR-SSO,SSP
278	Lee,Jar-How	*1101/21N/22/29	*2403	*3501/52/57	*1512	*0303/20N/22Q	*0401/18-20	SSP,RVSSOP
759	Lefor,W.M.	*1101-05+	*2403/10/22/23/33+	*3501/07/27/29+	*1512/19	*0303/11/12/30	*0401/05/07/10+	RVSSO
731	Loewenthal,R	*110101	*240301	*350101/42	*1512	*030301/20N	*040101/09N	SBT,SSO
8029	Mani,Rama	*11	*24	*35	*15			SSP
792	Moore,S.Brea	*1101/22/32	*2403	*3501/77	*1512	*0303	*0401	PCR-SSO,SSP
774	Paik,Young	*11	*2403	*35	*1512/19	*03	*04	SSP,SSOP
4336	Park,Myoung	*11	*2403/10/22/23/33	*35	*1512/19	*0303/11/13/20N+	*0401/05/09N+	RVSSO
16	Pidwell,Dian	*110101	*240301	*350101/42	*1512	*030301/20N	*040101/09N/30	PCR-RSSOP,SBT
4689	Rajczy,Katal	*1101/02/04/05+	*2403/10/23/33/75	*3501/03/07/27+	*1512/19	*0303/12/20N/22Q+	*0401/04/05/07+	PCR-SSO,SSP
5200	Reinke,Dennis	*11	*24	*35	*15(B76)	*03(Cw9)	*04	SSP
1160	Rosen-Bronso	*11	*2403/10	*35	*1512	*03	*04	RVSSO,SSP
793	Rubocki,Ron	*11	*24	*35	*15(B76)	*03(Cw9)	*04	PCR-SSP
4948	Sage,Deborah	*1101/04	*2403/10	*3501/40N/42/57	*1512/19	*0303/20N	*0401/09N	SSP,SSO
8001	Sheikh,Maqso	*11	*24	*35	*1512	*0303/11/12/20N+	*04	SSP,RVSSOP
769	Tavoularis,S	*1101	*2403	*3501	*1512	*0303/20N	*0401/28/30	SSO,SSP,SBT
747	Tiercy,Jean-	*110101	*2403	*3501	*1512	*0303	*0401	SBT,SSP
5451	Tilanus,Marc	*110101	*240301	*350101	*1512	*030301	*040101	SBT
5462	Turner,E.V.	*1101	*2403	*3501	*1512	*0303	*0401	SSP,SSO,SBT
5642	Varnavidou-N	*11	*24	*35	*15	*03	*04	PCR-SSP,SSO
705	Watkins,Davi	*11	*24	*35	*1512/19	*0303g	*04	PCR-SSP
5670	Wetmore,Mari	*11	*24	*35	*(B76)	*(Cw9)	*04	SSP

CTR	INVESTIGATOR NAME	CELL NO.1331 (Filipino) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*2407	*2433	*380201	*5106	*0702/50	*120402	SSO,SSP,SBT
5106	Brown,Colin	*2407	*2433	*3802	*5106	*0702/49	*1204	PCR-SSOP,SBT
5232	Charlton,Ron	*2407	*2433	*3802	*5106	*0702	*1204	SSP,RVSSO
4492	Charron,D.	*2407	*2403/33	*3802	*5106	*0702	*1204	PCR-SSP
798	Claas,F.H.J.	*2407	*2433	*380201	*5106	*070201	*120402	SBT,SSP
3632	Colombe,Beth	*2407	*2433	*3802	*5106	*0702	*1204	SSP
3904	Cooper,Shann	*2407	*2403	*38	*5106	*07	*120402/05	
5130	Costeas,Paul	*2407	*2403/33	*3802	*5106	*0702	*1204	SSP,SSO
779	Daniel,Claud	*2407	*240301/02	*38	*51	*07	*120402/05	PCR-SSP
3625	Darke,Christ	*2407	*2433	*3802	*5106	*0702	*1204	PCR-SSP,SBT
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*24		*38	*51	*07	*12	SSP
3766	Dunn,Paul	*2407	*2403/22/33	*3802/15	*5104/06/46	*07	*1204	SSO
856	Dupont,Bo	*2407	*2403/23/33/22/75	*3802/08	*5106/46	*0702+	*1204	SSO
5214	Eckels/CPMC	*24	*24	*38	*51	*07	*1204	SSOP
2332	Elkhalifa,Mo	*24		*38	*51	*07	*12	
4251	Ellis,Thomas	*2407	*2433	*3802	*5106	*0702/50	*1204	PCR-SSO,SEQ
762	Fischer&Mayr	*2407	*2403	*3802	*5106	*0702	*1204	SSO,SBTex1-3
729	Fotino,Maril	*2407	*2403	*3802	*5106	*0702	*1204	
810	Hamdi,Nuha	*2407	*2403/22/33	*3802/15	*5104/06/46			SSO
3808	Hogan,Patric	*24		*38	*51	*0702/03/10/13/15+	*1204	SSP
771	Israel,Shosh	*24		*38	*51	*07	*12	PCR-SSO
859	Kamoun,Malek	*2407	*2433	*3802	*5106	*0702	*1204	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*2407	*2403	*3802	*5106	*0702	*1204	SBT
168	Klein,Tirza	*2407	*2433	*3802	*5106	*0702	*1204	PCR-SSO,SSP
278	Lee,Jar-How	*2407	*2433	*3802/15	*5106	*0702/29/32N	*120402	SSP,RVSSOP
759	Lefor,W.M.	*2407	*2403/22/33	*3802/15	*5104/06/46	*0702/13/29/38/42+	*1204	RVSSO
731	Loewenthal,R	*2407	*2433	*380201	*5106	*070201/50	*120402	SBT,SSO
8029	Mani,Rama	*24	*23	*38	*51			SSP
792	Moore,S.Brea	*2403/07		*3802	*5106	*0702	*1204	PCR-SSO,SSP
774	Paik,Young	*2407	*2403/33	*3802/15	*5104/06/46	*07	*12	SSP,SSOP
4336	Park,Myoung	*2407	*2403/22/23/33	*3802/08	*5106	*07	*1204	RVSSO
16	Pidwell,Dian	*2407	*2433	*380201	*5106	*070201/50	*120402	PCR-RSSOP,SBT
4689	Rajczy,Katal	*2407	*2403/33	*3802/15	*5104/06/46	*0702/03/05/13/15+	*1204	PCR-SSO,SSP
5200	Reinke,Dennis	*24		*38	*51	*07	*12	SSP
1160	Rosen-Bronso	*2407	*2403	*3802/15	*5104/06/46	*07	*1204/07	RVSSO,SSP
793	Rubocki,Ron	*24		*38	*51	*07	*12	PCR-SSP
4948	Sage,Deborah	*2407	*2433	*3802	*5106	*0702	*1204	SBT,SSO
8001	Sheikh,Maqso	*24		*38	*51	*07	*12	SSP,RVSSOP
769	Tavoularis,S	*2407	*2433	*3802	*5106	*0702/50	*1204	SSO,SSP,SBT
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*2407	*2433	*380201	*5106	*070201	*120402	SBT
5462	Turner,E.V.	*2407	*2433	*3802	*5106	*0702	*1204	SSP,SSO,SBT
5642	Varnavidou-N	*24		*38	*51	*07	*12	PCR-SSP,SSO
705	Watkins,Davi	*2407/24	*2402g	*38	*51	*07	*1204/05	PCR-SSP
5670	Wetmore,Mari	*24		*38	*51	*07	*12	SSP

CTR	INVESTIGATOR NAME	CELL NO.1332 (Black) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*290201	*3301	*440302	*1510	*030402	*0706	SSO,SSP,SBT
5106	Brown,Colin	*2902/04/06/08N+	*3301/03-07	*4403/07/26/35+	*1510/90		*07	PCR-SSOP,SBT
5232	Charlton,Ron	*2902	*3301	*4403	*1510	*0304	*0706	SSP,RVSSO
4492	Charron,D.	*2902/08	*3301/07	*4403	*1510	*0304/34/37	*0706	PCR-SSP
798	Claas,F.H.J.	*290201	*3301	*440302	*1510	*030402	*0706	SBT,SSP
3632	Colombe,Beth	*2902	*3301	*4403	*1510	*0304	*0706	SSP
3904	Cooper,Shann	*29	*33	*44	*1510	*0304/06/08	*07	
5130	Costeas,Paul	*2902/14	*3301	*4403	*1510	*0304	*0706	SSP,SSO
779	Daniel,Claud	*29	*33	*44	*15(B71)	*03(Cw10)	*07	PCR-SSP
3625	Darke,Christ	*2902	*3301	*4407	*1510	*0303/13/21/22Q+	*0706	PCR-SSP,SBT
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*29	*33	*44	*1510/37/90/99+	*0304-06/08-10/19+	*07	SSP
3766	Dunn,Paul	*29	*33	*44	*1510/90	*03	*07	SSO
856	Dupont,Bo	*2901/07+	*3301/04/05/07	*4403/07/13/26+	*1510/90	*0304+	*0701+	SSO
5214	Eckels/CPMC	*29	*33	*44	*15(B71)	*03(Cw10)	*07	SSOP
2332	Elkhalifa,Mo	*29	*33	*44	*15	*03	*07	
4251	Ellis,Thomas	*2902	*3301	*4403	*1510	*0304	*0701	PCR-SSO,SEQ
762	Fischer&Mayr	*2902	*3301	*4403	*1510	*0304	*0701/06	SSO,SBTex1-3
729	Fotino,Maril	*2902	*3301	*4403	*1510	*0304	*0706	
810	Hamdi,Nuha	*2901/01N/02/04+	*3301/03-07/12	*4403/13/26/35+	*1510/90	*0308	*0713	SSO
3808	Hogan,Patric	*29	*33	*44	*1510/90/99	*0302/04/05/10/17+	*0701/06/16/18+	SSP
771	Israel,Shosh	*29	*33	*44	*15	*03	*07	PCR-SSO
859	Kamoun,Malek	*2902	*3301	*4403	*1510	*0304	*0706	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*2902	*3301	*4403	*1510	*0304	*0706	SBT
168	Klein,Tirza	*2902	*3301	*4403	*1510	*0304	*0706	PCR-SSO,SSP
278	Lee,Jar-How	*2902/10/11	*3301/03	*4403	*1510	*0304/23/24	*0706	SSP,RVSSOP
759	Lefor,W.M.	*2901/02/04/06+	*3301/03-07+	*4403/13/26/35+	*1510/90	*0304/06/08/09/19+	*0701/05/06/16+	RVSSO
731	Loewenthal,R	*290201	*3301	*440302	*1510	*0304/08/09	*0701/06/18	SBT,SSO
8029	Mani,Rama	*29	*33	*44	*15			SSP
792	Moore,S.Brea	*2902	*3303/12	*4403	*1510	*0304	*0706	PCR-SSO,SSP
774	Paik,Young	*29	*33	*4403/07/26/29+	*1510	*03	*07	SSP,SSOP
4336	Park,Myoung	*29	*3301/04/05/07	*44	*1510/90	*0304/05/08-10	*07	RVSSO
16	Pidwell,Dian	*290201	*3301	*440302	*1510	*0304	*0706	PCR-RSSOP,SBT
4689	Rajczy,Katal	*2901/02/04/06+	*3301/03-06+	*4403/07/26/29+	*1510/90	*0304/06/09/10/19+	*0701/06/16/18+	PCR-SSO,SSP
5200	Reinke,Dennis	*29	*33	*44	*15(B71)	*03(Cw10)	*07	SSP
1160	Rosen-Bronso	*29	*33	*44	*1510	*03	*07	RVSSO,SSP
793	Rubocki,Ron	*29	*33	*44	*15(B70)	*03(Cw10)	*07	PCR-SSP
4948	Sage,Deborah	*2902	*3301	*4403	*1510	*0304	*0701/06/18	SBT,SSO
8001	Sheikh,Maqso	*29	*33	*44	*1510	*0302/04/06/08/09+	*07	SSP,RVSSOP
769	Tavoularis,S	*2902	*3301	*4403	*1510	*0304	*0706/52	SSO,SSP,SBT
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*290201	*3301	*440302	*1510	*030402	*0706	SBT
5462	Turner,E.V.	*2902	*3301	*4403	*1510	*0304	*0706	SSP,SSO,SBT
5642	Varnavidou-N	*29	*33	*44	*15	*03	*07	PCR-SSP,SSO
705	Watkins,Davi	*29	*33		*1510/18/37/52+	*0304g	*07	PCR-SSP
5670	Wetmore,Mari	*29	*33	*44	*15			SSP

Cell 1329 (Vietnamese)

46 labs	
A*02	50%
A*0207	50%
A*02	100% TOTAL
A*11	59%
A*1101	26%
A*110101	15%
A*11	100% TOTAL

46 labs	
B*46	39%
B*4601/02/10	7%
B*4601/02	4%
B*4601/10	7%
B*4601	28%
B*460101	15%
B*46	100% TOTAL
B*54	50%
B*5401	48%
B*54	98% TOTAL

44 labs	
Cw*01	55%
Cw*0102	34%
Cw*010201	11%
Cw*01	100% TOTAL

Cell 1330 (Caucasian)

45 labs	
A*11	60%
A*1101	25%
A*110101	13%
A*1119	2%
A*11	100% TOTAL
A*24	56%
A*2403	33%
A*240301	11%
A*24	100% TOTAL

45 labs	
B*35	71%
B*3501	22%
B*350101	7%
B*35	100% TOTAL
B*15	20%
B*1512/19	29%
B*1512	51%
B*15	100% TOTAL

43 labs	
Cw*03	49%
Cw*0303/20N	7%
Cw*030301/20N	5%
Cw*0303	28%
Cw*030301	9%
Cw*03	98% TOTAL
Cw*04	70%
Cw*0401	21%
Cw*040101	7%
Cw*04010101	2%
Cw*04	100% TOTAL

Cell 1331 (Filipino)

44 labs	
A*24	30%
A*2407	70%
A*24	100% TOTAL
A*24	32%
A*2403/22/33	7%
A*2403/33	9%
A*2403	14%
A*2433	36%
A*24	98% TOTAL

44 labs	
B*38	36%
B*3802/15	16%
B*3802	36%
B*380201	12%
B*38	100% TOTAL
B*51	29%
B*5104/06/46	14%
B*5106/46	2%
B*5106	55%
B*51	100% TOTAL

42 labs	
Cw*07	52%
Cw*0702/50	7%
Cw*070201/50	5%
Cw*0702	31%
Cw*070201	5%
Cw*07	100% TOTAL
Cw*12	31%
Cw*1204	55%
Cw*120402	14%
Cw*12	100% TOTAL

Cell 1332 (Black)

44 labs	
A*29	59%
A*2902	30%
A*290201	11%
A*29	100% TOTAL
A*33	59%
A*3301	41%
A*33	100% TOTAL

44 labs	
B*44	50%
B*4403	34%
B*440302	12%
B*4407	2%
B*44	98% TOTAL
B*15	27%
B*1510/90	16%
B*1510	57%
B*15	100% TOTAL

42 labs	
Cw*03	55%
Cw*0304	33%
Cw*030402	7%
Cw*0308	3%
Cw*03	98% TOTAL
Cw*07	58%
Cw*0701	2%
Cw*0706	38%
Cw*0713	2%
Cw*07	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		****** CELL NO.1329 **********								CELL NO.1330 **********								CELL NO.1331 **********								CELL NO.1332 ******								
		V								V								V								V								
		I							(VIET)	I							(CAUC)	I							(FILP)	I							(BLCK)
INVESTIGATOR		A	A	A	B	B	C	B		A	A	A	B	B	C	C	B		A	A		B	B	C		B		A	A	A	B	B	C	C	B	B	
	DAYS	B	2	1	4	5	W	W		B	1	2	3	7	W	W	W		B	2		3	5	W		W		B	2	3	4	7	W	W	W	W	
NAME	OLD	%		1	6	4	1	6	OTHERS	%	1	4	5	6	3	4	6	OTHERS	%	4		8	1	7		4	OTHERS	%	9	3	4	0	3	7	4	6	OTHERS
Abbal,M. Pro	6	95	+	+	+	+		+		98	+03	+	+			+			98	+		+	+			+		98		+	+	+			+	+	A24
Alonso,Anton	6	90	+	+	+	+	+	+		90	+	+			+	+	+	B62,B45	90	+		+	+	+		+		90	+	+	+71				+	+	
Alvarez,Carr	6	100	+	+	+	+	+	+		100	+	+	+	+	+	+	+		100	+		+	+	+		+		100	+	+	+	+	+		+	+	
Anthony Nola	3	95	+	+	+	+				95	+	+	+	+					98	+		+	+					95	+	+	+71						
Baker,Judy	7	99	+	+	+	+		+		99	+	+	+	+			+		99	+		+	+			+		99	+	+	+71				+	+	
Berka,Noured	2	99	+	+	+	+	+	+		99	+		+15	+	+	+		A23,B12	99	+		+B5	+			+	B53,CW6	99	+	+	+71	+	+	+	+		
Bow,Laurine	2	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+			+		98	+	+	+	+	+		+	+	
Burger,Joe	2	99	+	+	+	+	+	+		99	+03	+	+	+	+	+			99	+		+	+	+		+		99	+	+	+	+	+	+	+	+	
Chan MD,Soh	4	95	+	+	+	+	+	+		95	+	+	+	+	+	+	+		95	+		+	+	+		+		95	+	+	+71	+	+	+	+		
Charron,D. P	5	100	+	+	+	+		+		100	+	+	+	+			+		100	+		+	+			+		100	+	+	+71				+	+	
Choo,Yoon MD	2	99	+	+	+	+	+	+		99	+	+	+	+	+	+	+		99	+		+	+	+		+		99	+	+	+	+	+	+	+	+	
Claas,F.H.J.	6	90	+	+	+	+	+	+		90	+03	+	+	+	+	+	+		90	+		+	+	+		+		90	+	+	+71	+	+	+	+		
Cooper,E. Sh	2	99	+	+	+	+		+		99	+	+	+	+			+		99	+		+	+			+		99	+	+	+	+			+	+	
Darke,Christ	6	90	+	+	+	+	+	+		90	+03	+	+	+	+	+			90	+		+	+	+		+	B51S	90	+	+	+	+	+	+	+		
Du Toit,Erne	10	C								80	+	+	+	+			+		80	+		+B5				+		C									
Dunckley,Hea	7	90	+	+	+	+		+		90	+	+	+15				+		90	+		+	+			+		90	+	+	+				+	+	B15
Dunk,Arthur	2	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+		+	CW6	98	+	+	+	+	+	+	+		
Dunn,Paul Ph	6	95	+	+	+	+		+		95	+	+	+	+			+		95	+		+	+			+		96	+	+	+	+			+	+	
Eckels/CPMC,	2	99	+	+	+	+	+	+		99	+	+	+	+	+	+	+		99	+		+	+	+		+	2403	99	+	+	+	+	+	+	+		
Eckels/Utah,	3	99	+	+	+	+	+	+		99	+	+	+	+	+	+	+		99	+		+	+	+		+		99	+	+	+	+	+	+	+		
Esteves Kond	2	96	+01	+	+	+		+		96	0103	+	+W9	+	+				96	+		+	+	+		+		96	+	+	+7110	+	+				
Fischer,Joha	6	98	+	+	+	+		+		98	+	+	+	+			+		98	+		+	+			+		95	+	+	+	+			+	+	
Fotino,Maril	2	90	+	+	+	+	+	+		90	+	+	+	+	+	+	+		90	+		+	+	+		+		90	+	+	+71	+	+	+	+		
Foxcroft,Z.K	7	90	+	+	22			+	B5,BW4	90	+	+	+					B70	90	+		+	+			+	A28	90		+	+				+	+	B41
Goggins,R.	2	99	+	+	+	+	+	+		99	+	+	+	+	+	+	+		99	+		+	+	+		+		98	+	+	+	+	+	+	+		
Hahn,Amy B.	6	98	+	+	+	+	+	+		98	+03	+	+			+	+	B62	99	+		+	+	+		+	CW6	99	+	+	+	+10	+	+	+		
Henrico Doct	6	99	+	+	+	+		+		99	+	+	+	+			+		95	+		+	+			+		95	+	+	+71				+	+	
Hirankarn MD	9	73	+.1	+	+			+		71	.1	+	+	+			+		83	+		+	+			+		81	+	+	+	+			+	+	
Hogan,Patric	8	70	+	+	+	+	+	+		85	+	+	+	+			+		70	+		+	+	+		+		85	+	+	+	+	+	+	+	+	
Holdsworth,R	7	94	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+			+		95	+	+	+	+	+		+	+	
Ichikawa MD,	4	???	+	+	+	+		+		???	+	+	+				+	B62	C									C									
Israel,Shosh	6	95	+	+	+	+	+	+		NT									95	+		+	+	+		+		NT									
Jaramillo,An	2	95	+	+	+	+	+	+		95	+		+15	W9	+	+			95	+		+	+	+		+		95	+	+	+	+10			+	+	CW6
Keown,Paul M	7	90	+	+	+	+		+		90	+	+	+	+			+		92	+		+	+			+		95	+	+	+	+	+		+	+	
Kim,Kyeong-H	6	95	+	+	+	+	+	+		90	+	+	+15		+	+		B75,B12	95	+		+	+	+		+		90	19	+	+			+	+	+	B75
Klein,Jon MD	2	95	+	+	+	+		+		95	+	+	+	+			+	A24V	95	+		+	+			+		95	+	+	+71				+	+	
Klein,Tirza	6	90	+	+	+	+		+		90	+	+	+	+			+		90	+		+	+				BW6	90	+	+	+71				+	+	
Kvam,Vonnett	3	97	+	+	+	+	+	+		96	+	+	+	+	+	+	+		96	+		+	+	+		+		95	+	+	+	+	+	+	+	+	
Lardy,N.M. D	8	90	+	+	+	+	+	+	CW7	90	+	+	+	+	+	+	+		90	+		+B5	+			+	B5V	90	+	+	+	+	+	+	+	+	
Lebeck,Laura	2	98	+	+	+	+	+	+		98	+03	+	+	+	+	+	+		98	+		+	+	+		+	CW6	98	+	+	+	+	+	+	+	+	
Lefor,W.M. P	3	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+		+	CW6	98	+	+	+71	+	+	+	+		
Lim,Young Ae	7	90	+	+	+	+	+	+		90	+	+	+	+	+	+	+		90	+		+	+	+		+	CX12	90	+	+	+	+	+	+	+		
Lo,Raymundo	4	98	+01	+	+			+		98	0103	+	+				+		98	+		+	+			+	A23	98	+	+	+71				+	+	
Loewenthal M	5	90	+	+	+	+	+	+		NT									95	+		+	+	+		+		90	+	+	+71	+	+	+	+		
MacCann,Eile	3	98	+	+	+	+		+		98	+	+	+				+	B45	98	+		+	+			+		98	+	+	+	+			+	+	
Mah,Helen	4	98	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+		+		98	+	+	+71	+	+	+	+		
McAlack,Robe	2	97	+	+	+	+	+	+		97	+	+	+	+	+	+	+		97	+		+	+	+		+		98	+	+	+7110	+	+				
McAlack-Bala	3	98	+	+	+	+	+	+		99	+03	+	+	+	+	+	+		95	+		+	+	+		+	CW6	98	+	+	+	+	+	+	+		
McCluskey,Ja	7	95	+	+	+	+	+	+		95	+	+	+15	+	+	+			95	+		+B5				+		95	+	+	+	+	+	+	+	+	
Murad,Shahna	14	C								92	+	+			+		+	B75,CW2	93	+		+	+	+		+		92		+	+			+	+	+	B18

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	VIA %	CELL NO.1329 A A B B C B W W	(VIET) OTHERS	VIA %	CELL NO.1330 A A B B C C B 1 2 3 7 W W W	(CAUC) OTHERS	VIA %	CELL NO.1331 A A B B C B 2 3 5 W W	(FILP) OTHERS	VIA %	CELL NO.1332 A A B B C C B B 2 3 4 7 W W W W	(BLCK) OTHERS
Norin,Allen	3	99	+ + + + + +		99	+ + + + + +		99	+ + + +	B27	99	+ + + + + +	
Paik,Young K	3	95	+ + + + + +		95	+ + + +W9 + +		95	+ + + +		95	+ + +7110 + + +	
Park,Myoung	7	90	+ + + + + +		90	+ + + + + + +		89	+ + + +		85	+ + + + + + + +	
Permpikul,Ve	9	95	+01 + + +		90	01 + + + +		NT			NT		
Phelan,Donna	3	98	+ + + + + +		98	+ + + + + + +		98	+ + + +	CX12	95	+ + +71 + + + +	
Pidwell,Dian	2	98	+ + + + + +		98	+ + + +W9 + +	A24V	98	+ + + +	CW6,CX15	98	+ + +7110 + + +	
Pollack,Mari	3	98	+ + + + + +		98	+03 + + + + +		98	+ + + +	51X53	98	+ + + + + + + +	
Rajczy,Katal	3	95	+ + + + + +		95	+ + +15 + + +		95	+ + + +		95	+ + + + + + + +	
Rosen-Bronso	2	90	+ + + +		90	+03 + +		90	+ +		90	+ + + +	
Rosenberg,J.	2	98	+ + + + + +		98	+ + + +W9 + +		98	+ + + +	CX12	98	+ + +7110 + + +	
Rubocki,Rona	2	97	+ + + + + +		97	+03 + + + + +		97	+ + + +		97	+ + + + + + + +	
Sauer,Guttwa	3	100	+ + + + + +		100	+ + + + + + +		100	+ + + +		100	+ + +71 + + + +	
Semana MD,Gi	1	99	+ + + +		99	+ + 15	B45	99	+ +		NT		
Sperry,Roxan	2	98	+ + + + + +		98	+ + + +W9 + +		98	+ + + +		98	+ + + +10 + + +	
Stamm,Luz	3	95	+ + + + + +		95	+03 + + + + +		95	+ + + +		95	+ + +71 + + + +	
Tagliere,Jac	2	100	+ + + + + +		100	+ + + + + + +		100	+ + + +		100	+ + +71 + + + +	
Tiercy,Jean-	7	90	+ + + +		95	+ + + +	BW4	NT			NT		
Tilanus,Marc	6	90	+ + + +		90	+ + + +		90	+ +		90	+ + + +	
Varnavidou-N	6	98	+ + + +		98	+ + + +		98	+ +		98	+ + +71	
Vidan-Jeras,	7	100	+ + + + + +		95	+ + + + + + +		100	+B5 +		100	+ + +71 + + + +	
Walter Reed	2	99	+ + + + + +		98	+03 +15 + + +		99	+ + + +		98	+ + + + +	
Ward,Osowski	3	98	+ + + + + +	CW7	98	+03 + + + + +		98	+ + + +		98	+ + +71 + + + +	
Watkins,Davi	6	85	+ + +22 +		90	+ + + + +	B46	90	+B5		90	+ + + + +	
Wetmore,Mari	7	99	+ + + + +	CW3	99	+03 + + +	B45	98	+ + + +	CW6	99	+ + + + + + + +	
Wisecarver,J	7	98	+ + + +		98	+ + + + +		98	+ +		98	+ + + +	

SUMMARY TABLE

(VIET)
**** CELL 1329 ****
(73 SAMPLES TYPED)
A2 100.0%
(100.0%)

A11 94.5%
11.1 1.4%
1101 4.1%
(100.0%)

B46 98.6%

B54 97.3%
B22 2.7%
(100.0%)

CW1 67.1%

BW6 97.3%

(OTHERS FOUND)
CW7 2.7%
CW3 1.4%
BW4 1.4%
B5 1.4%

(CAUC)
**** CELL 1330 ****
(73 SAMPLES TYPED)
A11 94.5%
11.1 1.4%
1101 4.1%
(100.0%)

A24 74.0%
2403 21.9%
(95.9%)

B35 95.9%

B76 79.5%
B15 11.0%
(90.4%)

CW3 50.7%
CW9 8.2%
(58.9%)

CW4 63.0%

BW6 95.9%

(OTHERS FOUND)
B45 5.5%
B62 4.1%
B75 2.7%
B12 2.7%
A24V 2.7%
CW2 1.4%
B70 1.4%
A23 1.4%
BW4 1.4%
B46 1.4%

(FILP)
**** CELL 1331 ****
(72 SAMPLES TYPED)
A24 100.0%
(100.0%)

B38 100.0%
(100.0%)

B51 91.7%
B5 8.3%
(100.0%)

CW7 62.5%

BW4 95.8%

(OTHERS FOUND)
CW6 11.1%
CX12 4.2%
2403 1.4%
A28 1.4%
51X53 1.4%
B51S 1.4%
B53 1.4%
B27 1.4%
B5V 1.4%
A23 1.4%
BW6 1.4%
B51V 1.4%
CX15 1.4%

(BLCK)
**** CELL 1332 ****
(69 SAMPLES TYPED)
A29 94.2%
A19 1.4%
(95.7%)

A33 100.0%
(100.0%)

B44 100.0%
(100.0%)

B70 55.1%
B71 39.1%
(94.2%)

CW3 55.1%
CW10 11.6%
(66.7%)

CW7 59.4%

BW4 97.1%

BW6 97.1%

(OTHERS FOUND)
B18 1.4%
B75 1.4%
B41 1.4%
A24 1.4%
B15 1.4%
CW6 1.4%

*** 75 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: 06/11/2008 **********